A RENOVATION FOR:
THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

PRINT DATE: 8/31/2026 10:47:12 PM

SITE VICINITY MAP



PROJECT DATA

SITE ZONING:	TRIBAL	
SITE AREA:	1.65 ACRE (APPROX.) 71,874 S.F. (APPROX.)	
TOTAL SQUARE FOOTAGE:	FIRST FLOOR SECOND FLOOR TOTAL	5,979 S.F. 2,307 S.F. 8,286 S.F.
PARKING SPACES:	ADA NON-ADA TOTAL:	3 48 51
OCCUPANCY GROUP:	B/A-3	
CONSTRUCTION TYPE:	V-B	

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ABBREVIATIONS

A.B.	ANCHOR BOLT	I.D.	INSIDE DIAMETER
ACT.	ACOUSTICAL CEILING TILE	INSUL.	INSULATION
A.F.F.	ABOVE FINISHED FLOOR	INT.	INTERIOR
AGGR.	AGGREGATE		
AL.	ALUMINUM	JAN.	JANITOR
ALT.	ALTERNATE	JNT.	JOINT
APPROX.	APPROXIMATE	JST.	JOIST
ARCH.	ARCHITECTURAL		
		KIT.	KITCHEN
BD.	BOARD		
BLDG.	BUILDING	LAB.	LABORATORY
BLK.	BLOCK	LAM.	LAMINATE
BLK'G.	BLOCKING	LAV.	LAVATORY
BM.	BEAM	LT.	LIGHT
BOT.	BOTTOM		
BTWN.	BETWEEN	MAX.	MAXIMUM
B.U.R.	BUILT UP ROOFING	MECH.	MECHANICAL
B.W.	BOTH WAYS	MEMB.	MEMBRANE
		MFR.	MANUFACTURER
C.J.	CONTROL JT.	M.H.	MANHOLE
CLG.	CEILING	MIN.	MINIMUM
CLKG.	CAULKING	MISC.	MISCELLANEOUS
CLR.	CLEAR	M.O.	MASONRY OPENING
C.M.U.	CONCRETE MASONRY UNIT	MTL.	METAL
COL.	COLUMN	MUL.	MULLION
CONC.	CONCRETE		
CONN.	CONNECTION	N	NORTH
CONSTR.	CONSTRUCTION	N.I.C.	NOT IN CONTRACT
CONT.	CONTINUOUS	NO.	NUMBER
C.T.	CERAMIC TILE	NOM.	NOMINAL
C.O.A.	CENTER OF ARCH	N.T.S.	NOT TO SCALE
DEG.	DEGREE	O.C.	ON CENTER
DET./DTL.	DETAIL	O.D.	OUTSIDE DIAMETER
D.F.	DRINKING FOUNTAIN	OH.	OVERHEAD
DIAG.	DIAGONAL	OPG.	OPENING
DIA. Ø	DIAMETER	OPP.	OPPOSITE
DN.	DOWN		
DS.	DOWNSPOUT	PCT.	PRE-CAST
DWG.	DRAWING	P.L.	PROPERTY LINE
		P.LAM.	PLASTIC LAMINATE
E	EAST	PLAS.	PLASTER
(E)	EXISTING	PLYWD.	PLYWOOD
EA.	EACH	PR.	PAIR
E.J.	EXPANSION JOINT		
E.I.F.S.	EXTERIOR INSULATION AND FINISH SYSTEM	Q.T.	QUARRY TILE
EL./ELEV.	ELEVATION		
ELEC.	ELECTRICAL	R.	RISER
ELEV.	ELEVATION	R.D.	ROOF DRAIN
EMER	EMERGENCY	RE:	REFER TO ...
ENCL.	ENCLOSURE	REFR.	REFRIGERATOR
EQ.	EQUAL	REINF.	REINFORCED
EQUIP.	EQUIPMENT	REQ'D.	REQUIRED
E.W.	EACH WAY	RM	ROOM
E.W.C.	ELECTRIC WATER COOLER	R.O.	ROUGH OPENING
EXP.	EXPANSION		
EXT.	EXTERIOR	S	SOUTH
		S.C.	SOLID CORE
F.A.	FIRE ALARM	SCHED.	SCHEDULE
F.D.	FLOOR DRAIN	SECT.	SECTION
F.D.C.	FIRE DEPARTMENT CONNECTION	S.F.	SQUARE FOOT
FDN.	FOUNDATION	SHT.	SHEET
F.E.	FIRE EXTINGUISHER	SIM.	SIMILAR
F.E.C.	FIRE EXTINGUISHER CABINET	S.P.	SPRING POINT
F.F.	FINISH FLOOR	SPEC.	SPECIFICATION
F.H.C.	FIRE HOSE CABINET	SQ. OR □	SQUARE
FIN.	FINISH	S.S.	STAINLESS STEEL
F.L.	FLOW LINE	S.S.D.	SEE STRUCTURAL DRAWINGS
FLR.	FLOOR	STAGG.	STAGGERED
FLUOR.	FLUORESCENT	STD.	STANDARD
FND.	FOUNDATION	STIFF	STIFFENER
F.O.B.	FACE OF BRICK	STL.	STEEL
F.O.C.	FACE OF CONCRETE	STRUC.	STRUCTURAL
F.S.	FULL SIZE	SUSP.	SUSPENDED
FT.	FOOT OR FEET		
FTG.	FOOTING	TR	TREAD
FURR.	FURRING	T & B	TOP AND BOTTOM
		TER.	TERRAZZO
GA.	GAUGE	T & G	TONGUE & GROOVE
GALV.	GALVANIZED	THK.	THICK
G.C.	GENERAL CONTRACTOR	T.O.	TOP OF
G.L.	GLASS	T.S.	TUBE STEEL
GR.	GRADE	TYP.	TYPICAL
GYP.	GYPSUM		
GYP. BD.	GYPSUM BOARD	U.N.O.	UNLESS NOTED OTHERWISE
H.B.	HOSE BIBB	VCT	VINYL COMPOSITION TILE
H.C.	HOLLOW CORE	VER	VERIFY
H/C	HANDICAPPED	VERT.	VERTICAL
HDWD.	HARDWOOD	VIF	VERIFY IN FIELD
HDWE.	HARDWARE		
H.M.	HOLLOW METAL	W	WEST
HORIZ.	HORIZONTAL	W/	WITH
HR.	HOUR	W.C.	WATER CLOSET
HT.	HEIGHT	WD.	WOOD
HVAC	HEATING, VENTILATION AND AIR CONDITIONING	W/O	WITHOUT
		℄	CENTERLINE

NOTE: Clarify with Architect any abbreviations not listed.
Some abbreviations on list may not be used in project.

MATERIAL LEGEND

- EARTH
- WOOD BLOCKING
- RIGID INSULATION
- PLYWOOD/SHEATHING
- CONCRETE
- GYPSUM BOARD
- STONE VENEER
- INSULATION

PROJECT DIRECTORY

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ARCHITECTURAL SYMBOLS

1 / A101 — SECTION: SECTION NUMBER, SHEET NUMBER

DETAIL: DETAIL NUMBER, SHEET NUMBER

DOOR DESIGNATION

A — WINDOW DESIGNATION

COLUMN GRID

COLUMN LINE

℄ — CENTER LINE

4' - 7" — DIMENSION LINE TO WALL OR OTHER OBJECT.

A-101 / 1 — EXTERIOR ELEVATION: SHEET NUMBER, ELEVATION NUMBER

A-101 / 1 — INTERIOR ELEVATION: SHEET NUMBER, ELEVATION NUMBER

12 / 1 — ROOF SLOPE INDICATION

Name / Elevation — ELEVATION TAG

NORTH — NORTH ARROW

STEP — CHANGE IN ELEVATION

SF-XX — STOREFRONT TAG

DRAWING INDEX

GENERAL	
G-101	COVER SHEET
G-102	CODE PLAN
G-103	CODE PLAN
G-104	CODE DETAILS
G-105	CODE DETAILS
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D-101	DEMOLITION FLOOR PLANS
D-102	DEMOLITION FLOOR PLANS
D-103	DEMOLITION REFLECTED CEILING PLANS
D-104	DEMOLITION REFLECTED CEILING PLANS
D-105	DEMOLITION ROOF PLAN
D-201	DEMOLITION ELEVATIONS
CIVIL	
C-100	DEMO PLAN
C-200	SITE PLAN
C-300	UTILITY PLAN
C-301	SEWER PLAN AND PROFILE
C-302	WATER PnP
C-400	GRADING PLAN
C-500	CIVIL DETAILS
C-501	CIVIL DETAILS
LANDSCAPE	
LA-000	TREE MITIGATION PLAN
LA-001	TREE PROTECTION DETAILS
LA-101	MATERIAL & LAYOUT PLAN
LA-201	SITE DETAILS
LA-202	SITE DETAILS
LA-301	PLANTING PLAN
LA-302	PLANTING DETAILS
LA-401	IRRIGATION PLAN
LA-402	IRRIGATION DETAILS
SITE	
AS-101	ARCHITECTURAL SITE PLAN
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A-103	FIRST FLOOR PLAN - ENLARGED
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A-306	WALL SECTIONS
A-307	WALL SECTIONS
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A-404	ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS
A-405	ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS
A-406	ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS
A-407	ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS
A-408	ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS
A-409	ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS
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A-412	ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS
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IF-102	INTERIOR FINISH FLOOR PLAN ENLARGED
IF-103	INTERIOR FINISH ENLARGED PLAN ENLARGED
IF-104	INTERIOR FINISH FLOOR PLAN AND ROOM FINISH SCHEDULE
IF-105	INTERIOR FINISH FLOOR PLAN ENLARGED
IF-106	INTERIOR FINISH FLOOR PLAN ENLARGED
FIRE	
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FP102	FIRE PROTECTION - UPPER LEVEL
PLUMBING	
PD101	PLUMBING DEMOLITION PLAN - MAIN LEVEL
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MD102	MECHANICAL DEMOLITION PLAN - UPPER LEVEL
M100	MECHANICAL PLAN - CRAWLSPACE
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M102	MECHANICAL PLAN - UPPER LEVEL
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ES102	ELECTRICAL SITE PLAN
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EL102	ELECTRICAL LIGHTING PLAN - UPPER LEVEL
EM100	ELECTRICAL MECH CONNECTIONS PLAN - CRAWLSPACE
EM101	ELECTRICAL MECH CONNECTIONS PLAN - MAIN LEVEL
EM102	ELECTRICAL MECH CONNECTIONS PLAN - UPPER LEVEL
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E700	SITE PHOTOMETRIC

DEFERRED SUBMITTALS

FIRE SPRINKLER SHOP DRAWINGS
FIRE ALARM SHOP DRAWINGS
PRE ENGINEERED WOOD TRUSSES
LIFT

PROJECT ALTERNATES

ALT. A1
SUNSHADES AND SUNSHADE POSTS/STRUCTURE/FOUNDATION TO BE INCLUDED AS AN ADD ALTERNATE.

BASE BID DOES NOT INCLUDE ANY SCOPE RELATED TO THE SUNSHADES.

ALT. A2
INCLUDES A BLACK VINYL COATED CHAIN LINK FENCE WITH BLACK SLATS IN LIEU OF A CUSTOM ENCLOSURE AT THE UTILITY YARD.

BASE BID INCLUDES THE STEEL FRAME AND METAL PANEL ENCLOSURE.

ALT. A3
LED INSERT AT MONUMENT SIGN (ONE SIDED). INCLUDES TRIM OUT OF METAL PANEL AND POWER AND DATA TO BE PULLED TO THE SIGN.

BASE BID INCLUDES CONDUIT FOR POWER TO THE MONUMENT SIGN.

ALT. A4
MP-2 TO BE MORIN CHAMPAGNE BRONZE COLOR

BASE BID, MP-2 IS ANTIQUE BRONZE



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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE
296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	25190
ISSUE DATE:	2026-08-31
DRAWN BY:	LES

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

G-101
COVER SHEET

BUILDING CODE ANALYSIS

APPLICABLE CODES:
2015 INTERNATIONAL BUILDING CODE
2015 EXISTING BUILDING CODE
2015 INTERNATIONAL MECHANICAL CODE
2015 INTERNATIONAL PLUMBING CODE
2015 INTERNATIONAL FIRE CODE
2015 INTERNATIONAL FUEL GAS CODE
2015 INTERNATIONAL ENERGY CONSERVATION CODE
2023 NATIONAL ELECTRIC CODE
ICC A117.1-2017 STANDARD FOR ACCESSIBLE AND USABLE BUILDING AND FACILITIES

OCCUPANCY GROUPS (304):
A-3: ASSEMBLY (LOWER LEVEL ACTIVITY/YOUTH/TEEN ROOMS)
B: BUSINESS (OFFICE SPACE FOR STAFF, TRAINING AND SKILL DEVELOPMENT NOT IN A SCHOOL)

CONSTRUCTION TYPE (603):
V-B

ALLOWABLE BUILDING HEIGHT (504.3):
A/S/VB = 60 FEET
ACTUAL HEIGHT = 24'-2"

ALLOWABLE NUMBER OF STORIES (504.4):
A-3/S/VB = 2 STORY
ACTUAL STORIES = 2

ALLOWABLE BUILDING AREA (506.2):
A-3/NS/VB = 6,000 SF PER FLOOR, A-3/S/VB = 24,000 SF
B/NS/VB = 9,000 SF PER FLOOR
YARD INCREASE I = (F/P-.25) W/30 .27 = (240/453-.25) 30/30
6000 + 1,620 = 7,620 SF PER STORY ALLOWED
ACTUAL AREA = 6,625 SF PER FLOOR

REQUIRED SEPARATION OF OCCUPANCIES (509)
NON SEPARATED USES

FIRE RESISTANCE REQUIREMENT FOR BUILDING ELEMENTS (TABLE 601):
TYPE V-B:
STRUCTURAL FRAME: 0
BEARING WALLS (EXT): 0
BEARING WALLS (INT.): 0
NON-BEARING WALLS (INT.): 0
FLOOR CONSTRUCTION: 0
ROOF CONSTRUCTION: 0

FIRE RESISTANCE REQUIREMENT FOR EXTERIOR WALLS (TABLE 602):
FIRE SEPARATION 5 < X: 1
FIRE SEPARATION 5< X > 10': 1
FIRE SEPARATION 10< X > 30': 0
FIRE SEPARATION X < 30': 0

MAXIMUM AREA OF EXTERIOR WALL OPENINGS (705.8):
UNLIMITED OPENINGS WALLS > 30' FROM PROPERTY LINE & R.O.W.

FIRE AND SMOKE PROTECTION FEATURES (713.4)
NO ELEVATORS OR SHAFT ENCLOSURES

AUTOMATIC SPRINKLER SYSTEM (903.2.1.3)
GROUP A-3 - SPRINKLER SYSTEM REQUIRED IF FIRE AREA EXCEEDS 12,000 SF OR
FIRE AREA HAS AN OCCUPANT LOAD OF 300 OR MORE
NFPA 13 FIRE SPRINKLER SYSTEM IS BEING PROVIDED

MEANS OF EGRESS:
STAIR WIDTH REQUIRED (1005.3.1): (NOT LESS THAN 44 INCHES)
SECOND LEVEL: - OCC X 0.2" = 8.8"

MAX COMMON PATH OF EGRESS TRAVEL DISTANCE - A OCCUPANCY/S (1006.2.1) = 75'
MAX COMMON PATH OF EGRESS TRAVEL DISTANCE - B OCCUPANCY/S (1006.2.1) = 75'

EXIT ACCESS TRAVEL DISTANCE (1017.2)
A OCCUPANCY/NS = 200'
B OCCUPANCY/NS = 200'

EGRESS SEPARATION NOT LESS THAN 1/3 OF THE MAX OVERALL DIMENSION (SPRINKLERED)
MEANS OF EGRESS IDENTIFICATION: ILLUMINATED EXIT SIGNS REQUIRED AT EACH EXIT

RESTROOM REQUIREMENTS: (PER TABLE 2902.1)
ASSEMBLY: MALE WC 1 PER 125, FEMALE WC 1 PER 65,
MALE LAVATORIES 1 PER 200, FEMALE LAVATORIES 1 PER 200,
DRINKING FOUNTAINS 1 PER 500, 1 SERVICE SINK

BUSINESS: MALE WC 1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50,
FEMALE WC 1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80,
LAVATORIES 1 PER 40 FOR THE FIRST 80, DRINKING FOUNTAIN 1 PER 100, 1 SERVICE SINK

260 TOTAL OCCUPANTS = 130 MALE AND 130 FEMALE

REQUIRED RESTROOM FIXTURES
LOWER LEVEL: 108 MALE, 108 FEMALE
REQUIRED: 1 MALE WC, 2 FEMALE WC (ASSEMBLY USE) 4 MALE WC, 4 FEMALE WC PROVIDED
REQUIRED: 1 MALE LAV, 1 FEMALE LAV (ASSEMBLY USE) 4 MALE LAV, 4 FEMAL LAV PROVIDED
1 ADDITIONAL UNISEX RR PROVIDED ON LOWER LEVEL

SECOND LEVEL OFFICE AREA: 22 MALE/22 FEMALE
REQUIRED: 1 MALE WC, 1 FEMALE WC QUANTITY PROVIDED
REQUIRED: 1 MALE LAV, 1 FEMALE LAV QUANTITY PROVIDED

BUILDING AREAS OCCUPANT LOAD: (TABLE 1004.1.2)

LEVEL/NAME	OCC.	AREA PER OCCUPANT		GROSS/NET SF	OCCUPANT LOAD
FIRST LEVEL	A-3	15	NET	2,115 S.F.	141 OCC
	CLSRM	20	NET	1,205 S.F.	63 OCC
	KITCHEN	200	NET	428 S.F.	3 OCC
	B	150	GROSS	100 S.F.	1 OCC
	S	300	GROSS	287 S.F.	8 OCC
				TOTAL:	216 OCC
SECOND LEVEL	MTG ROOMS	15	NET	509 S.F.	35 OCC
	B	150	GROSS	682 S.F.	6 OCC
	S	300	GROSS	360 S.F.	3 OCC
				TOTAL:	44 OCC
				TOTAL OCCUPANCY:	**260 OCC**

DRINKING FOUNTAINS: 1 PER 500 REQUIRED. 1 BI LEVEL BOTTLE FILLER PROVIDED

SERVICE SINKS: 1 SINK

ACCESSIBILITY, MULTISTORY BUILDINGS AND FACILITIES (1104.4)
ACCESSIBLE ROUTE NOT REQ'D TO STORIES WITH AGGREGATE AREA OF LESS THAN 3,000 SF.
LIFT PROVIDED

IECC ANALYSIS:

CLIMATE ZONE - LA PLATA COUNTY: 5B
ROOF INSULATION: R-30 CI ABOVE ROOF DECK
WALL INSULATION: R-20 CAVITY (WOOD FRAMED)
EXISTING EXTERIOR WALLS WILL BE DEMOLISHED DOWN TO SHEATHING AND WALL CAVITY INSULATION WILL BE ADDED,
FLUID APPLIED ALL WEATHER BARRIER ADDED TO ENTIRE PERIMETER OF SHEATHING AND MASONRY SLUMP BLOCK VENEER WILL REMAIN.

FLOOR JOISTS/FRAMING BELOW GRADE WILL INCLUDE R-30 INSULATION IN THE FLOOR CAVITY OF THE EXISTING BUILDING.

IEBC ANALYSIS:

LEVEL 3 ALTERATION (604.1)- WORK AREA EXCEEDS 50% OF BUILDING
CHANGE OF OCCUPANCY
RENOVATING NEARLY ALL PARTS OF THE BUILDING WITHIN EXTERIOR WALLS

PARKING:

EXISTING PARKING STALLS: 33
ADA PARKING STALLS: 3
EMPLOYEE/VAN PARKING = 6
ADDED PARKING: 2

TOTAL PARKING PROVIDED = 44

IFC ANALYSIS:

NFPA 13 SYSTEM TO BE PROVIDED THROUGHOUT EXISTING BUILDING

FIRE LANES ARE EXISTING AND WILL BE MAINTAINED AROUND THE BUILDING. (EAST, SOUTH)

PROJECT DATA:

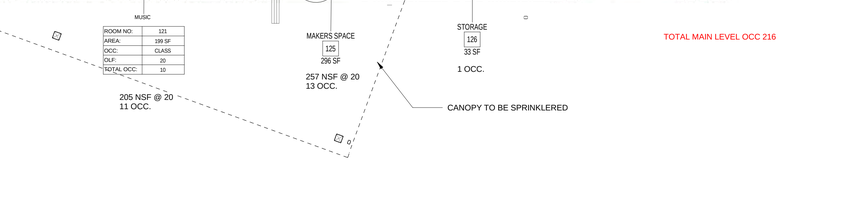
EXISTING BUILDING:

1ST FLOOR: 6,625 SF
2ND FLOOR: 2,292 SF

TOTAL AREA: 8,917 SF

EXISTING BUILDING AREA WILL REMAIN.
NO ADDITION TO THE EXISTING FOOTPRINT

CODE LEGEND:



NORTH

FIRST FLOOR CODE PLAN

3/16" = 1'-0"

B / G-102

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PROJECT TEAM:

PEAK land design
CHC Engineers, LLC
ME&E ENGINEERING

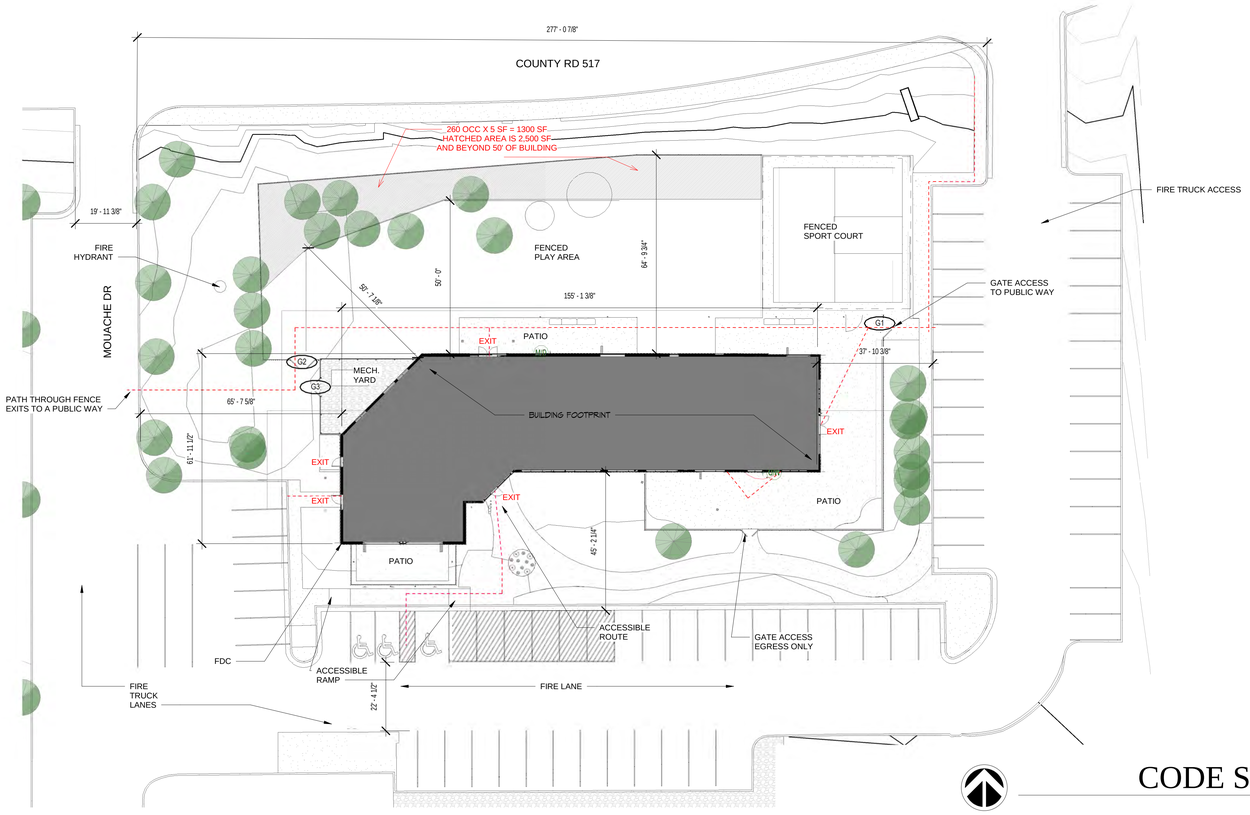
THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE
296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

G-102
CODE PLAN



NORTH

CODE SITE PLAN

1" = 20'-0"

B

G-103

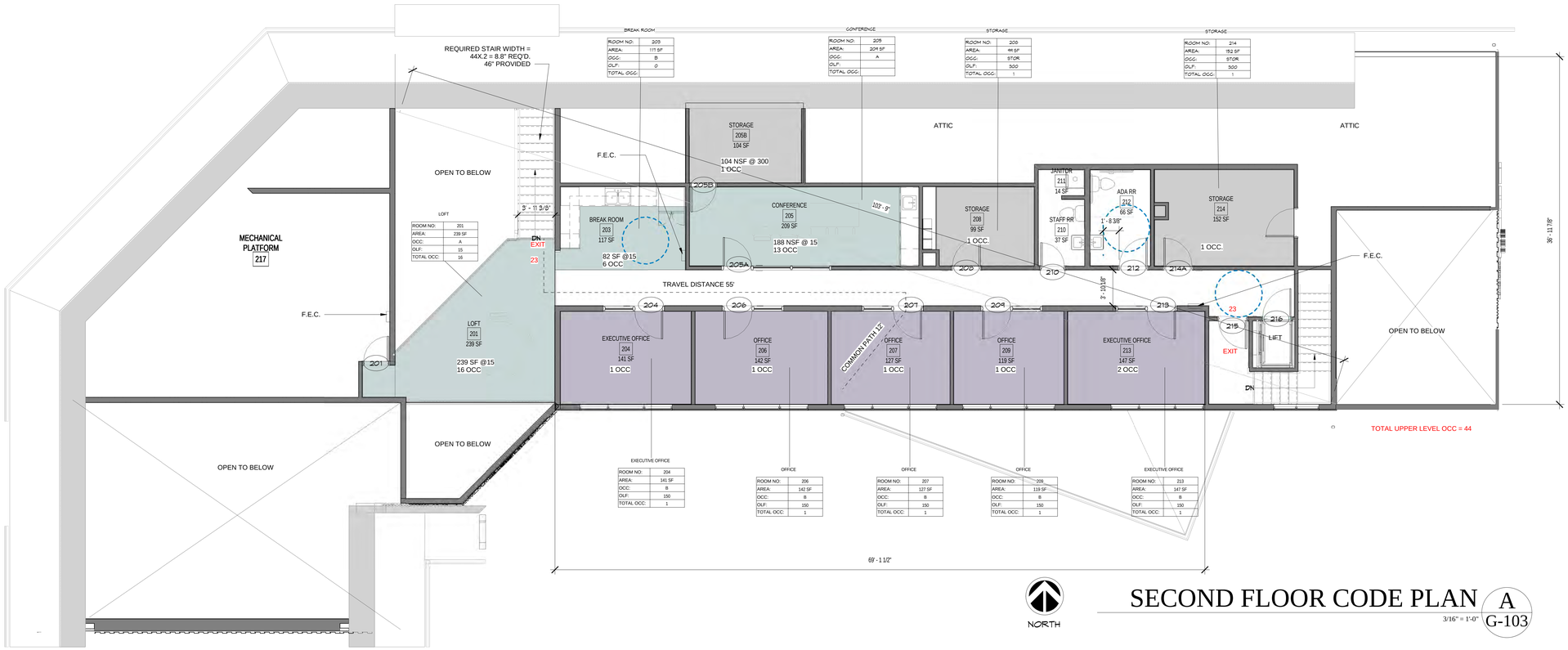
CODE LEGEND:

OCCUPANCY TAG
A3 — OCCUPANT USE
EXITS REQ'D: 1 — 15 — OCCUPANT LOAD FACTOR
EXITS PROVIDED: 2 — 10 — OCCUPANT

DOOR WIDTH TAG
63 — OCC. LOAD
OCC. WIDTH FACTOR: 15 — 9.5 — REQ'D WIDTH
WIDTH PROVIDED: 36"

ACCESSIBLE ROUTE
ADA CLEAR FLOOR SPACE
TRAVEL PATH
EXIT
FIRE EXTINGUISHER CABINET (F.E.C.) RECESSED
WALL

- ASSEMBLY
- BUSNIESS
- CLASSROOM
- STORAGE
- MECH
- KITCHEN



NORTH

SECOND FLOOR CODE PLAN

3/16" = 1'-0"

A

G-103

REYNOLDS ASH + ASSOCIATES
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610 STATE AVE, SUITE 210
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CHC Engineers, LLC

ME&E ENGINEERING

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THE BOYS AND GIRLS CLUB
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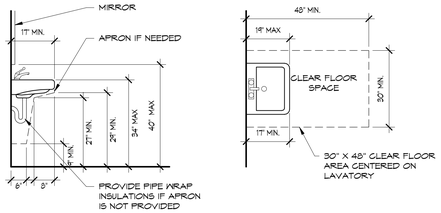
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REVISIONS:

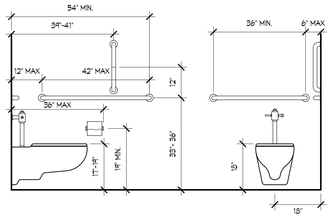
G-103
CODE PLAN



NOTE: DESIGN BASED UPON 2009 ICC A117.1 REQUIREMENTS

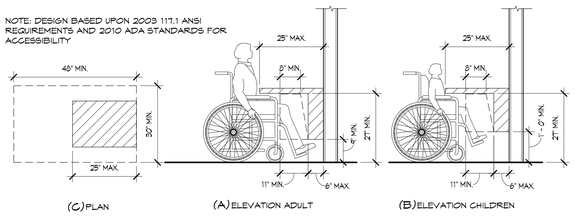
NOTE: ALL DIMENSION ARE TO FACE OF FINISH INCLUDING FINISH FLOOR ELEVATION

LAV. CLEARANCES A
1/2" = 1'-0" G-104

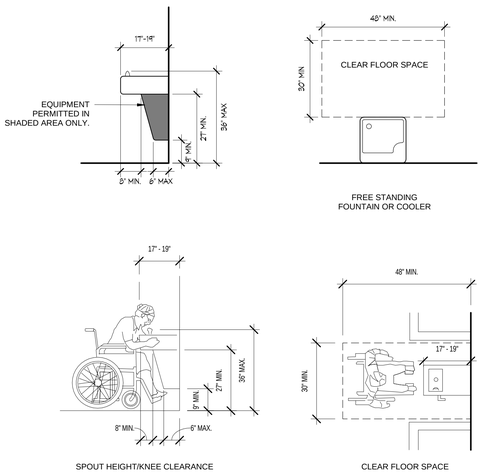


W.C. CLEARANCES D
1/2" = 1'-0" G-104

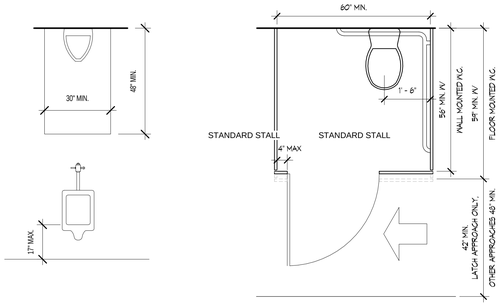
NOTE: DESIGN BASED UPON 2003 117.1 ANSI REQUIREMENTS AND 2010 ADA STANDARDS FOR ACCESSIBILITY



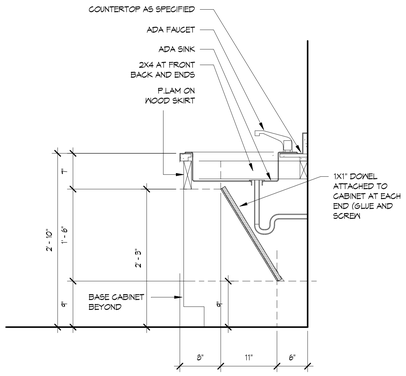
TOE/KNEE CLEARANCE G
1/2" = 1'-0" G-104



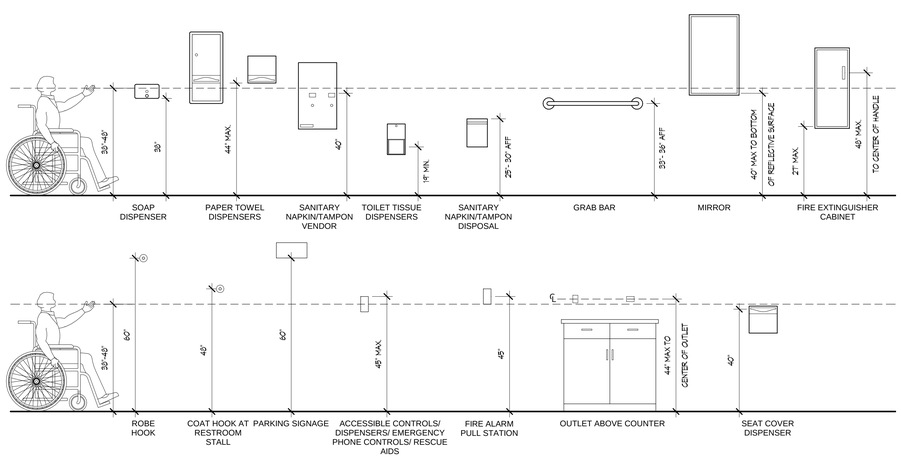
DRINKING FOUNTAIN CLEARANCES H
1/2" = 1'-0" G-104



TOILET STALLS B
1/2" = 1'-0" G-104

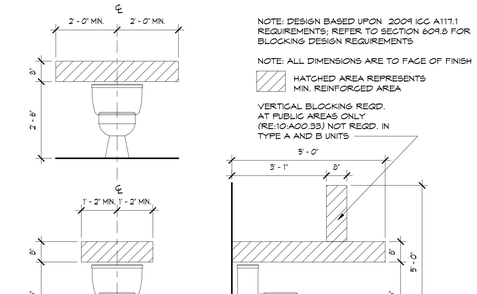


KITCHEN SINK E
1" = 1'-0" G-104

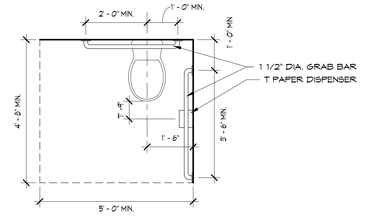


NOTE: OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAX. SUCH HARDWARE SHALL BE 34" MIN. AND 48" MAX. ABOVE THE FINISH FLOOR OR GROUND, AS REQUIRED BY ADAAG 309.4 AND 404.2.7.

R.R. ACCESSORIES MOUNTING HEIGHTS J
1/2" = 1'-0" G-104



W.C. BLOCKING C
1/2" = 1'-0" G-104

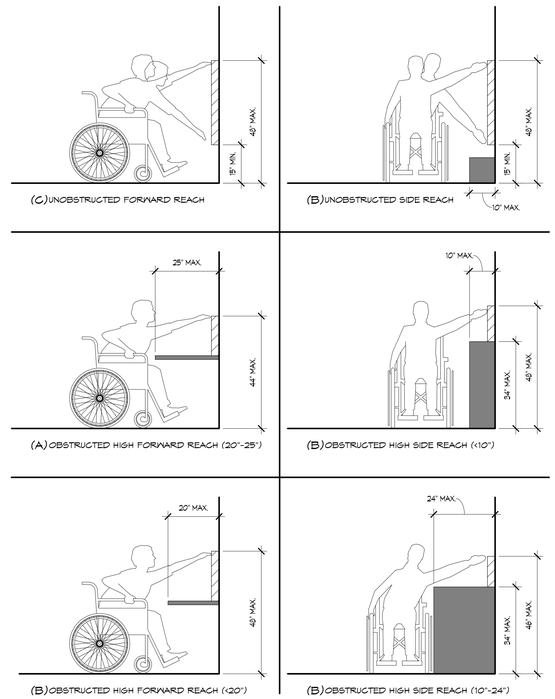


NOTE: ALL DIMENSIONS ARE TO FACE OF FINISH

NOTE: TOILE SEAT HEIGHTS
MAX: 19"
MIN: 17"

NOTE: TOILT PAPER DISPENSER BASE MUST BE 18" MIN. FROM F.F.

PUBLIC WATER CLOSET F
1/2" = 1'-0" G-104



ADA REACH RANGES K
1/2" = 1'-0" G-104

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OF THE SOUTHERN UTE INDIAN TRIBE

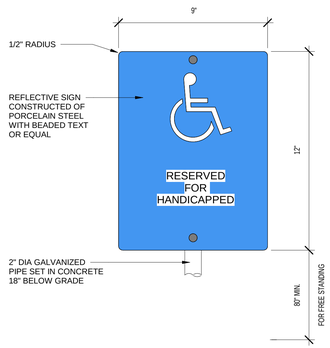
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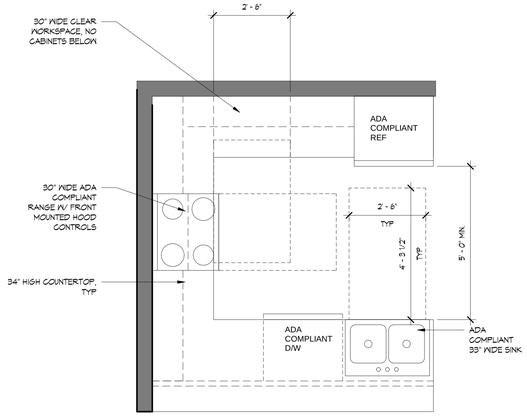
REVISIONS:

G-104
CODE DETAILS

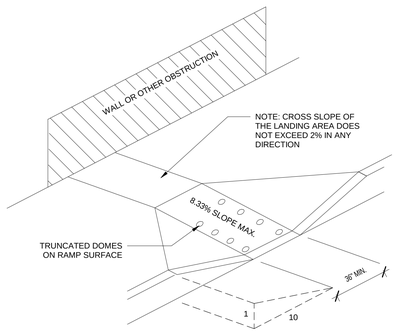


NOTE: SIGN TO BE CENTERED AT THE INTERIOR END OF PARKING SPACE

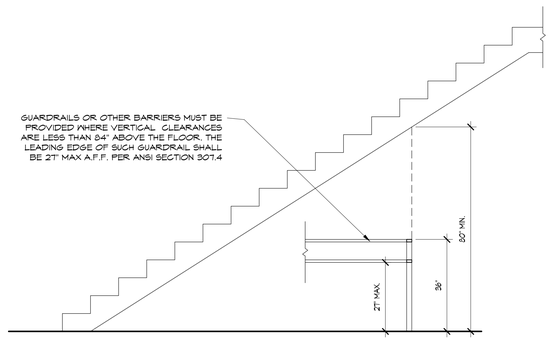
PARKING SIGNANGE A
1/2" = 1'-0" G-105



KITCHEN CLEARANCES B
1/2" = 1'-0" G-105



CURB CUT C
1/2" = 1'-0" G-105

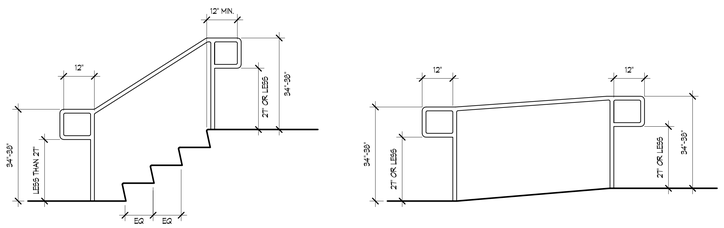


NOTE: GUARDRAILS OR OTHER BARRIERS SHALL BE PROVIDED WHERE OBJECT PROTRUSION IS BEYOND THE LIMITS ALLOWED BY ANSI SECTION 307.2 AND 307.3

NOTE: INFORMATION BASED UPON 2017 ICC A117.1 REQUIREMENTS

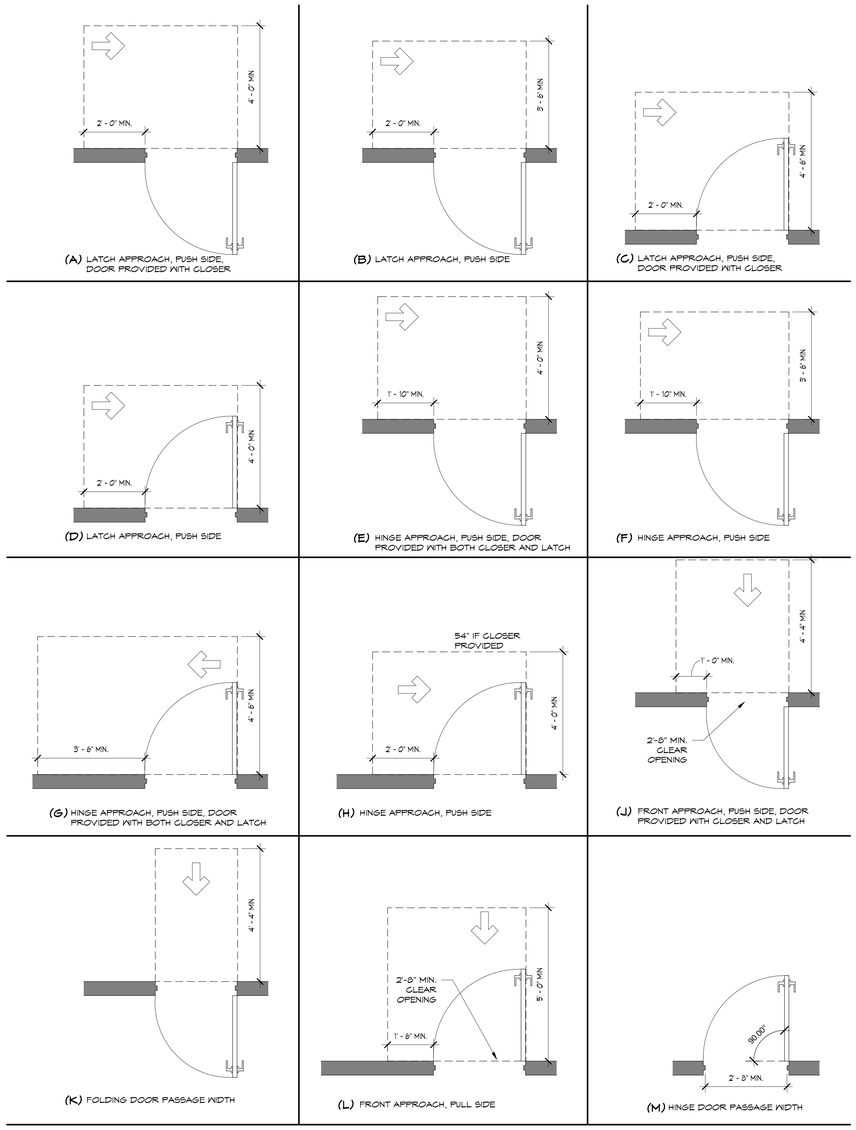
NOTE: ALL DIMENSIONS ARE TO FACE OF FINISH

PUBLIC REDUCED VERTICAL CLEARANCE D
1/2" = 1'-0" G-105



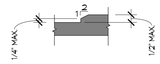
505.1 GENERAL. HANDRAILS PROVIDED ALONG WALKING SURFACES COMPLYING WITH 403, REQUIRED AT RAMPS COMPLYING WITH 405, AND REQUIRED AT STAIRS COMPLYING WITH 504 SHALL COMPLY WITH 505. ADVISORY 505.1 GENERAL. HANDRAILS ARE REQUIRED ON RAMP RUNS WITH A RISE GREATER THAN 6 INCHES (150 MM) (SEE 405.8) AND ON CERTAIN STAIRWAYS (SEE 504). HANDRAILS ARE NOT REQUIRED ON WALKING SURFACES WITH RUNNING SLOPES LESS THAN 1:20. HOWEVER, HANDRAILS ARE REQUIRED TO COMPLY WITH 505 WHEN THEY ARE PROVIDED ON WALKING SURFACES WITH RUNNING SLOPES LESS THAN 1:20 (SEE 403.6). SECTIONS 505.2, 505.3, AND 505.10 DO NOT APPLY TO HANDRAILS PROVIDED ON WALKING SURFACES WITH RUNNING SLOPES LESS THAN 1:20 AS THESE SECTIONS ONLY REFERENCE REQUIREMENTS FOR RAMPS AND STAIRS.
505.2 WHERE REQUIRED. HANDRAILS SHALL BE PROVIDED ON BOTH SIDES OF STAIRS AND RAMPS.
505.3 CONTINUITY. HANDRAILS SHALL BE CONTINUOUS WITHIN THE FULL LENGTH OF EACH STAIR FLIGHT OR RAMP RUN. INSIDE HANDRAILS ON SWITCHBACK OR DOGLEG STAIRS AND RAMPS SHALL BE CONTINUOUS BETWEEN FLIGHTS OR RUNS.
505.4 HEIGHT. TOP OF GRIPPING SURFACES OF HANDRAILS SHALL BE 34 INCHES (865 MM) MINIMUM AND 38 INCHES (965 MM) MAXIMUM VERTICALLY ABOVE WALKING SURFACES, STAIR NOSING, AND RAMP SURFACES. HANDRAILS SHALL BE AT A CONSISTENT HEIGHT ABOVE WALKING SURFACES, STAIR NOSING, AND RAMP SURFACES.

STAIR & RAMP HANDRAILS- TYP. DIMENSIONS F
1/2" = 1'-0" G-105



MANEUVERING CLEARANCES AT DOORS E
1/2" = 1'-0" G-105

NOTE: DESIGN BASED UPON 2009 ICC A117.1 REQUIREMENTS FOR ACCESSIBILITY



BEVELED CHANGE IN LEVEL G
3" = 1'-0" G-105

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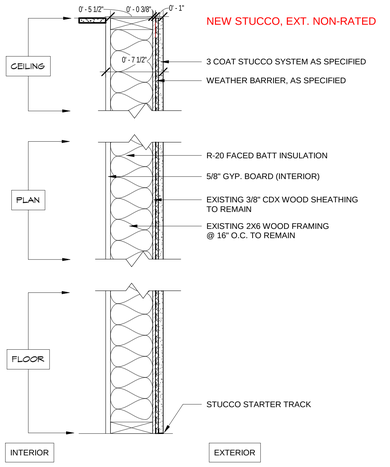
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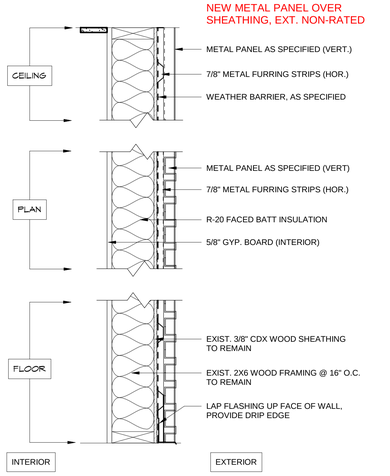
REVISIONS:

G-105
CODE DETAILS

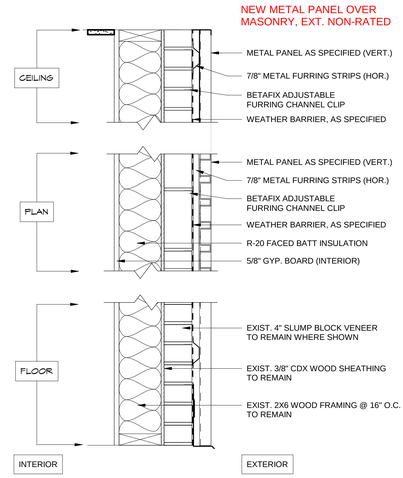
EXTERIOR WALLS



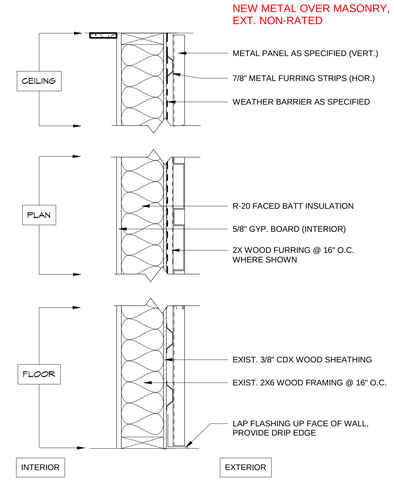
EXWA1 — NEW STUCCO WALL — 1 1/2" = 1'-0"



EXWA2 — MP-1 SHEATHING — 1 1/2" = 1'-0"

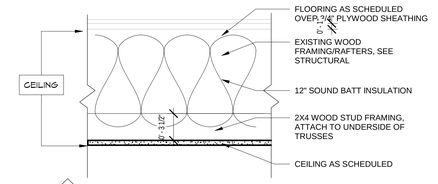


EXWA3 — MP-2 MASONRY — 1 1/2" = 1'-0"

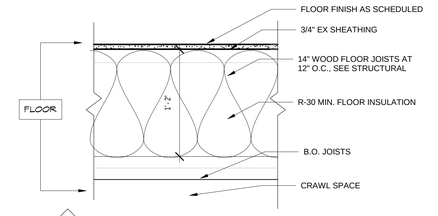


EXWA4 — MP-2 SHEATHING — 1 1/2" = 1'-0"

HORIZONTAL ASSEMBLIES

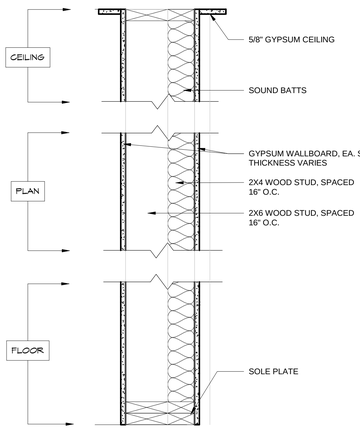


FA2 — FLOOR 2 ASSEMBLY — 1 1/2" = 1'-0"

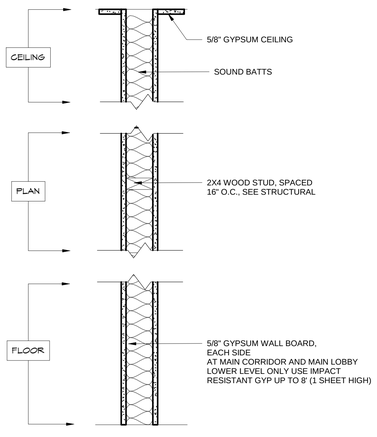


FA1 — FLOOR 1 ASSEMBLY — 1 1/2" = 1'-0"

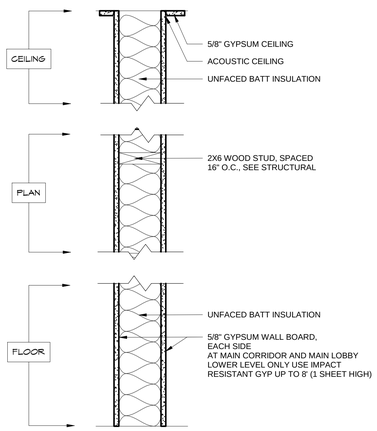
INTERIOR WALLS



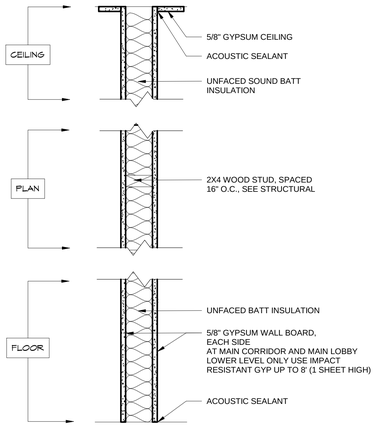
XP1 — EXISTING INT. WALL — 1 1/2" = 1'-0"



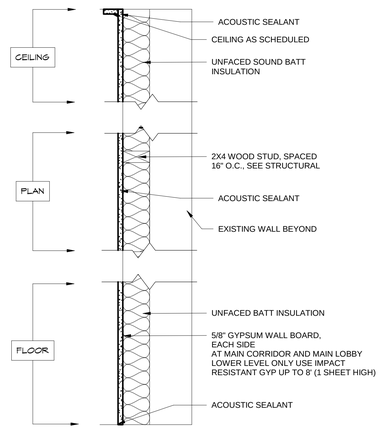
XP2 — EXISTING INT. WALL — 1 1/2" = 1'-0"



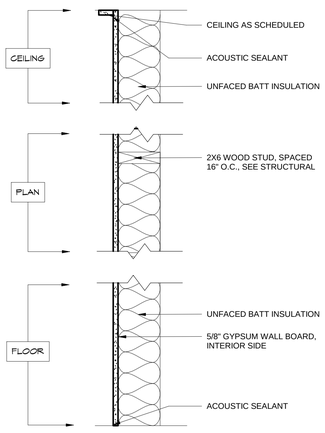
WA1 — INTERIOR WALL — 1 1/2" = 1'-0"



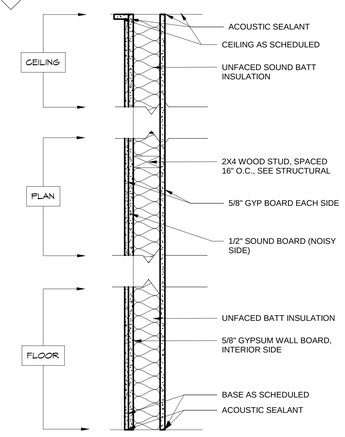
WA2 — INTERIOR WALL — 1 1/2" = 1'-0"



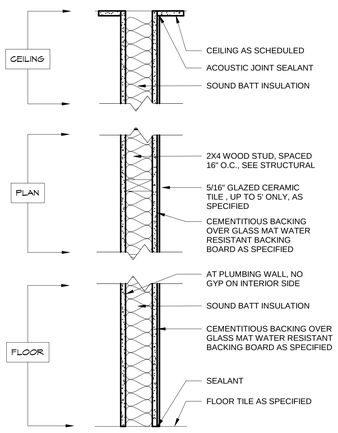
WA3 — INT. FURRING WALL — 1 1/2" = 1'-0"



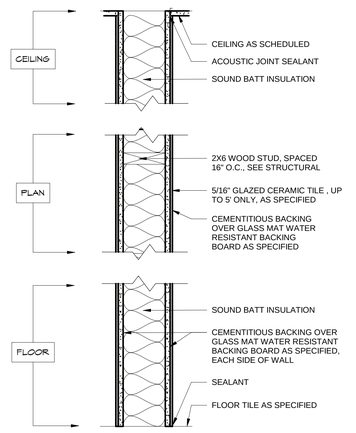
WA4 — INT. FURRING WALL — 1 1/2" = 1'-0"



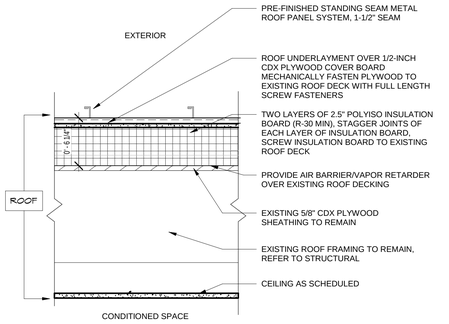
WA5 — INT SOUND WALL — 1 1/2" = 1'-0"



WA6 — INT. TILE WALL — 1 1/2" = 1'-0"



WA7 — INT. TILE WALL — 1 1/2" = 1'-0"



RA1 — ROOF ASSEMBLY — 1 1/2" = 1'-0"

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STATE OF COLORADO — LOUIS BENJAMIN — C-39,704 — REGISTERED ARCHITECT

8/31/2026 11:34:40 PM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

G-106
ASSEMBLIES

0 2.5 5 10
0 2"

DEMO LEGEND

- DEMOLISH/REMOVE
- EXISTING TO REMAIN

DEMO SITE PLAN KEYNOTES

1 EXISTING TREE(S) TO REMAIN
2 EXISTING SIDEWALK TO REMAIN, REPAIR DAMAGED SECTIONS ONLY
3 EXISTING BUS/VAN/SUN UTE/BGC PARKING TO REMAIN
4 EXISTING DUMPTER TO BE RELOCATED
5 EXISTING TREE(S) TO BE REMOVED, TYP.
6 EXISTING DECORATIVE PLANTER TO BE REMOVED
7 EXISTING GAS METER TO BE REMOVED, SEE MEP FOR NEW LOCATION
8 EXISTING 'PEACEFUL SPIRIT' SIGN TO BE REMOVED
9 EXISTING CHAIN-LINK FENCE TO BE REMOVED IN ITS ENTIRETY
10 EXISTING GREASE TRAP TO BE REMOVED
11 DEMO CURB TO CREATE NEW CURBCUT. SEE CIVIL
12 NEW SIDEWALK/PATIO/SPORT COURT SPACE, PREP TERRAIN FOR ALTERATIONS
13 REMOVE EXISTING PAINT AND CURBING
14 REMOVE TIRE GAME, SALVAGE FOR REINSTALLATION

GENERAL DEMOLITION NOTES:

A. FIELD VERIFY ALL CONDITIONS & DIMENSIONS. NOTIFY A/E IF CONFLICTS ARE NOTED.

B. ALL EXISTING PLUMBING FIXTURES TO BE REMOVED, UNO. CONTRACTOR TO COORDINATE WITH OWNER ON SALVAGED COPPER.

C. ALL INTERIOR AND EXTERIOR DOORS, WINDOWS TO BE REMOVED.

D. REMOVE ALL FLOORING DOWN TO SHEATHING.

E. REMOVE ALL EXISTING CASEWORK AND CABINETRY, UNO.

F. REMOVE EXISTING GYP. BOARD CEILINGS DOWN TO FRAMING AS SHOWN.

G. ALL WALLS/PARTITIONS AND ASSEMBLIES MARKED FOR DEMOLITION TO BE REMOVED DOWN TO DECK.

H. EXTERIOR STUCCO/EIFS FINISH TO BE REMOVED DOWN TO EXISTING EXTERIOR SHEATHING. REMOVE SLUMP BLOCK ONLY IN AREAS WHERE SHOWN.

I. VERIFY WITH OWNER AND CONSULTANTS, ANY ITEMS TO BE REMOVED THAT ARE TO BE SALVAGED, DUE CARE SHALL BE EXERCISED IN THE REMOVAL OF ALL SALVAGED ITEMS.

J. COORDINATE REMOVAL AND/OR RE-PURPOSING OF MEP SYSTEMS WITH ENGINEER.

K. A/E TO INSPECT SHELL OF BUILDING AFTER ALL INTERIOR FINISHES ARE DEMOLISHED.

L. PROVIDE TEMPORARY SHORING DURING DEMOLITION TO MAINTAIN INTEGRITY OF THE BUILDING, COORDINATE W/ STRUCTURAL ENGINEER PRIOR TO START.

M. REMOVE ALL AREAS SHOWN RED. EXTERIOR WALL FRAMING AND SHEATHING TO REMAIN UNO. REMOVE INTERIOR GYP BOARD ON EXTERIOR WALLS. REMOVE GYP BOARD ON INTERIOR PARTITIONS UNO. COORDINATE WITH ARCHITECT FOR CONDITIONS IN THE FIELD THAT VARY FROM PLANS.

N. REFER TO MEP DRAWINGS FOR FULL SCOPE OF MEP DEMOLITION.

O. PROTECT ALL EXISTING ELEMENTS AND FEATURES TO REMAIN.

P. PROTECT/RELOCATE LIVE BATS ON THE BUILDING EXTERIOR PER COLORADO STATE WILDLIFE REGULATIONS.

Q. CONTRACTOR TO FOLLOW DIVISION 33 OF IBC FOR SAFEGUARDS DURING CONSTRUCTION

COUNTY RD 517

MOUACHE DR

EXISTING BOULDERS REDISTRIBUTE ON SITE PER LANDSCAPING

EXISTING YARD TO REMAIN

EXISTING FOOTPRINT

NO WORK THIS AREA REFER TO CIVIL FOR SCOPE OF PARKING LOT WORK

REFER TO CIVIL FOR UPDATES TO PARKING AND ENTRY AREA

REMOVE EXISTING PAINTED CROSSWALK TO SUN UTE RECREATION CENTER

NO WORK THIS AREA REFER TO CIVIL FOR SCOPE OF PARKING LOT WORK

NO WORK THIS AREA REFER TO CIVIL FOR SCOPE OF PARKING LOT WORK

NORTH

DEMO SITE PLAN

1" = 10'-0"

A
D-100

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REYNOLDS ASH + ASSOCIATES
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STATE OF COLORADO
LOUIS RENZONI
REGISTERED ARCHITECT

8/31/2026 10:43:17 PM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
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296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	**25190**
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DRAWN BY:	**LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

D-100
DEMO ARCHITECTURAL SITE PLAN

0 5' 10' 20'
0 2"

DEMO FLOOR PLAN KEYNOTES

1 REMOVE DOOR
2 REMOVE WINDOW
3 REMOVE WINDOW, PREP OPENING FOR REPLACEMENT
4 REMOVE STOREFRONT
5 DEMOLISH PORTION OF WALL, PREP FOR NEW WINDOW/DOOR
6 REMOVE CASEMENT/FIXTURES
7 DEMOLISH WALL
8 REMOVE GREASE TRAP
9 DEMOLISH PLANTER
10 REMOVE/RELOCATE EXISTING HYDRONIC BASEBOARDS, SEE MEP
11 REMOVE SHOWER PAN + FIXTURES
12 DEMOLISH STAIRCASE
13 REMOVE WALL-MOUNTED TELEPHONE, SEE PROPOSED PLAN FOR NEW LOCATION
14 REMOVE EXISTING GAS METER, SEE MEP FOR RELOCATION
15 REMOVE EXISTING EXTERIOR FINISH DOWN TO SHEATHING, SEE D-201
16 REMOVE STOVE BACKSPLASH + MECH. CONNECTIONS, SEE MEP
18 DEMOLISH PORTION OF FLOOR
19 DEMOLISH EXISTING WATER HEATER
20 DEMOLISH EXISTING CRAWL SPACE ACCESS
21 DEMOLISH EXISTING PORTION OF FLOOR FOR NEW CRAWL SPACE ACCESS, SEE STRUCTURAL
22 DEMOLISH EXISTING DOUBLE LAYER OF SLUMP BLOCK

WALL TYPE LEGEND

EXISTING WALLS TO REMAIN

WALLS TO BE DEMOLISHED

GENERAL DEMOLITION NOTES:

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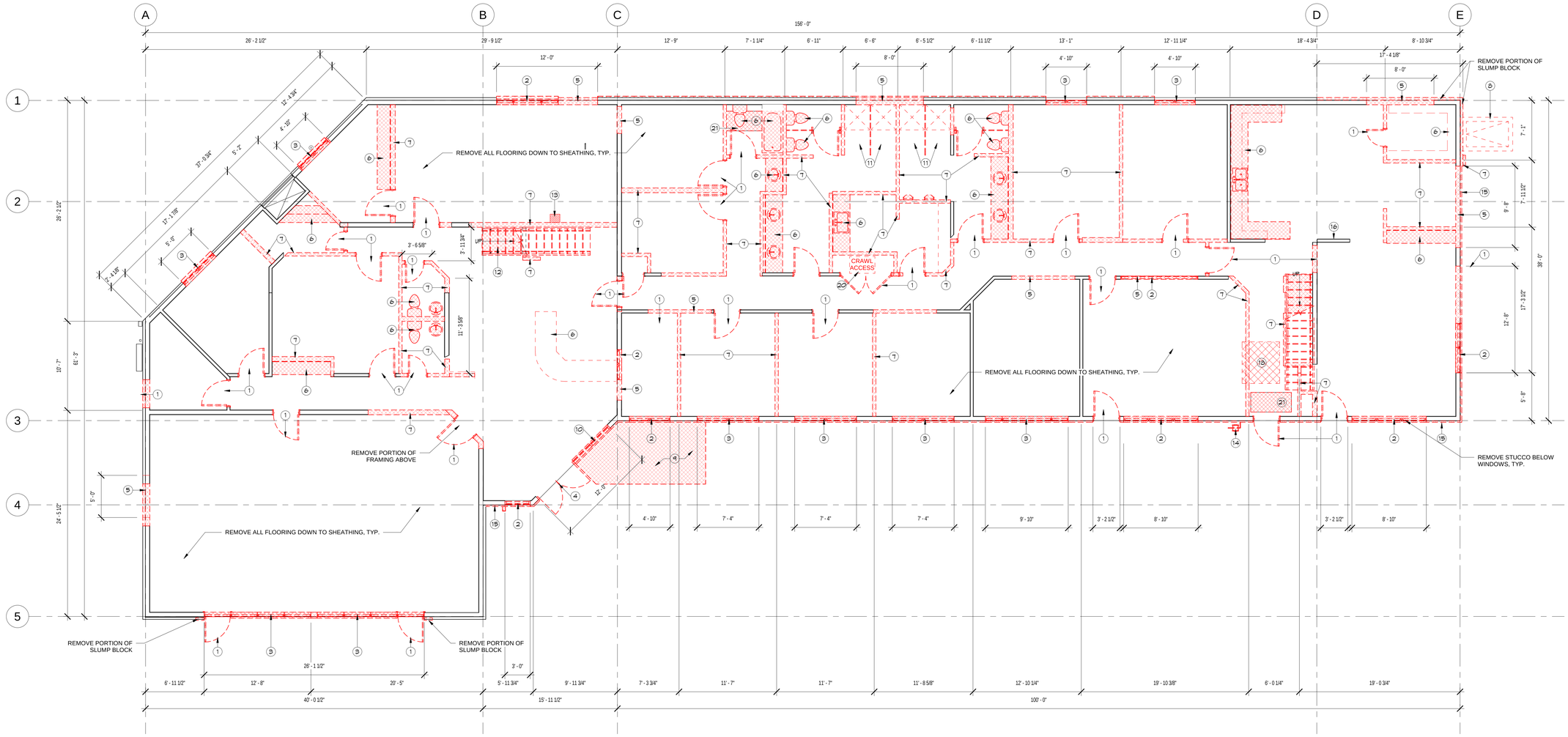
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P. PROTECT/RELOCATE LIVE BATS ON THE BUILDING EXTERIOR PER COLORADO STATE WILDLIFE REGULATIONS.

Q. CONTRACTOR TO FOLLOW DIVISION 33 OF IBC FOR SAFEGUARDS DURING CONSTRUCTION



DEMOLITION FIRST FLOOR PLAN

3/16" = 1'-0"

A D-101

REYNOLDS ASH + ASSOCIATES
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STATE OF COLORADO — LOUIS RENCKEN — REGISTERED ARCHITECT

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PRINT DATE: 8/31/2026 10:43:32 PM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	**25190**
ISSUE DATE:	**2026-08-31**
DRAWN BY:	**LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

D-101

DEMOLITION FLOOR PLANS

0 2.5' 5' 10'
0 2"

DEMO FLOOR PLAN KEYNOTES

1 REMOVE DOOR
2 REMOVE WINDOW
3 REMOVE WINDOW, PREP OPENING FOR REPLACEMENT
4 REMOVE STOREFRONT
5 DEMOLISH PORTION OF WALL, PREP FOR NEW WINDOW/DOOR
6 REMOVE CASEMENT/FIXTURES
7 DEMOLISH WALL
8 REMOVE GREASE TRAP
9 DEMOLISH PLANTER
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12 DEMOLISH STAIRCASE
13 REMOVE WALL-MOUNTED TELEPHONE, SEE PROPOSED PLAN FOR NEW LOCATION
14 REMOVE EXISTING GAS METER, SEE MEP FOR RELOCATION
15 REMOVE EXISTING EXTERIOR FINISH DOWN TO SHEATHING, SEE D-201
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20 DEMOLISH EXISTING CRAWL SPACE ACCESS
21 DEMOLISH EXISTING PORTION OF FLOOR FOR NEW CRAWL SPACE ACCESS, SEE STRUCTURAL
22 DEMOLISH EXISTING DOUBLE LAYER OF SLUMP BLOCK

WALL TYPE LEGEND

EXISTING WALLS TO REMAIN

WALLS TO BE DEMOLISHED

GENERAL DEMOLITION NOTES:

A. FIELD VERIFY ALL CONDITIONS & DIMENSIONS. NOTIFY A/E IF CONFLICTS ARE NOTED.

B. ALL EXISTING PLUMBING FIXTURES TO BE REMOVED, UNO. CONTRACTOR TO COORDINATE WITH OWNER ON SALVAGED COPPER.

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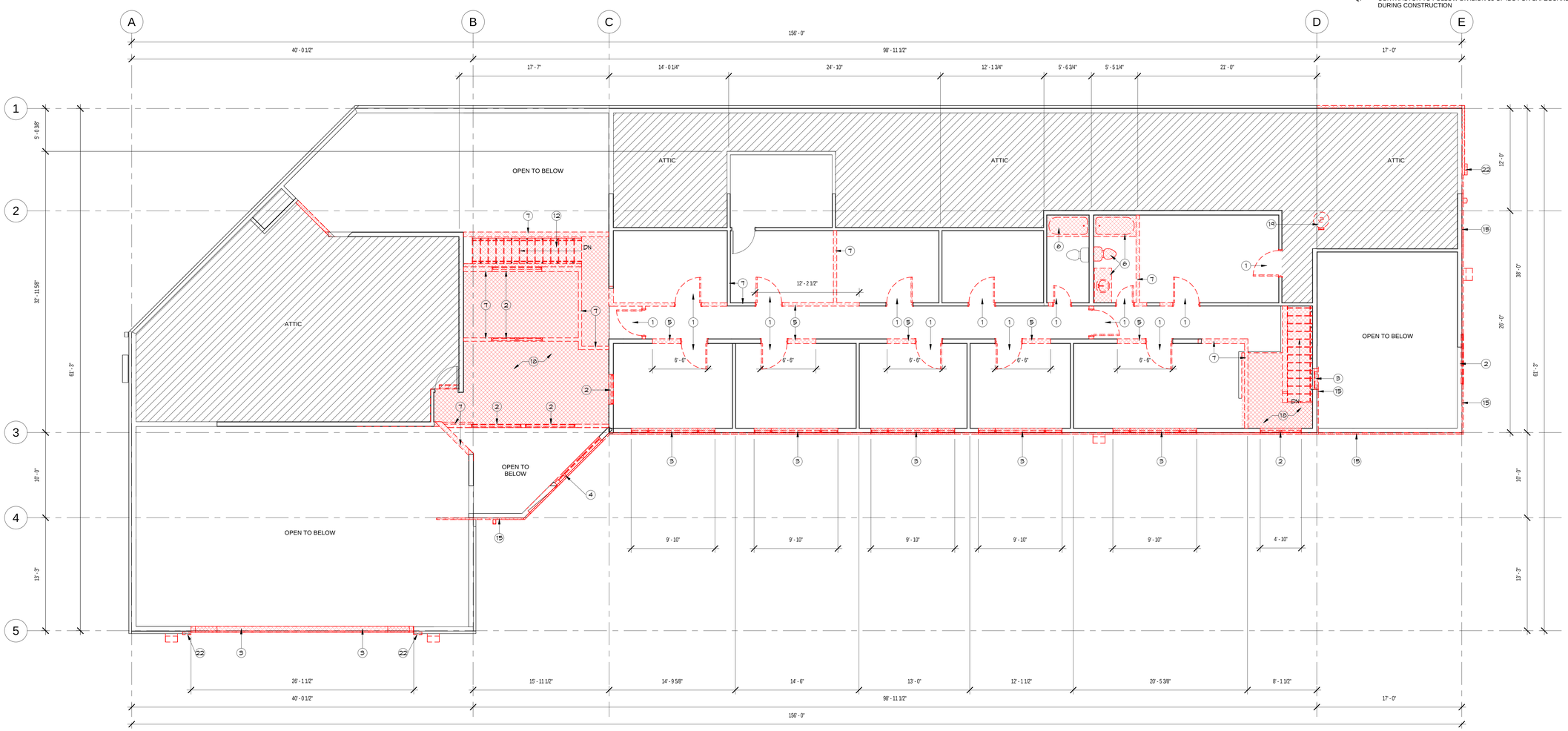
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P. PROTECT/RELOCATE LIVE BATS ON THE BUILDING EXTERIOR PER COLORADO STATE WILDLIFE REGULATIONS.

Q. CONTRACTOR TO FOLLOW DIVISION 33 OF IBC FOR SAFEGUARDS DURING CONSTRUCTION



NORTH

DEMOLITION SECOND FLOOR PLAN

3/16" = 1'-0"

A
D-102

REYNOLDS ASH + ASSOCIATES
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LOUIS RENCKEN
REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

PRINT DATE: 8/31/2026 10:43:50 PM

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

D-102
DEMOLITION FLOOR PLANS

0 2.5' 5' 10'
0 2'

WALL TYPE LEGEND

EXISTING WALLS TO REMAIN

WALLS TO BE DEMOLISHED

GENERAL DEMOLITION NOTES:

A. FIELD VERIFY ALL CONDITIONS & DIMENSIONS. NOTIFY A/E IF CONFLICTS ARE NOTED.

B. ALL EXISTING PLUMBING FIXTURES TO BE REMOVED, UNO. CONTRACTOR TO COORDINATE WITH OWNER ON SALVAGED COPPER.

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K. A/E TO INSPECT SHELL OF BUILDING AFTER ALL INTERIOR FINISHES ARE DEMOLISHED.

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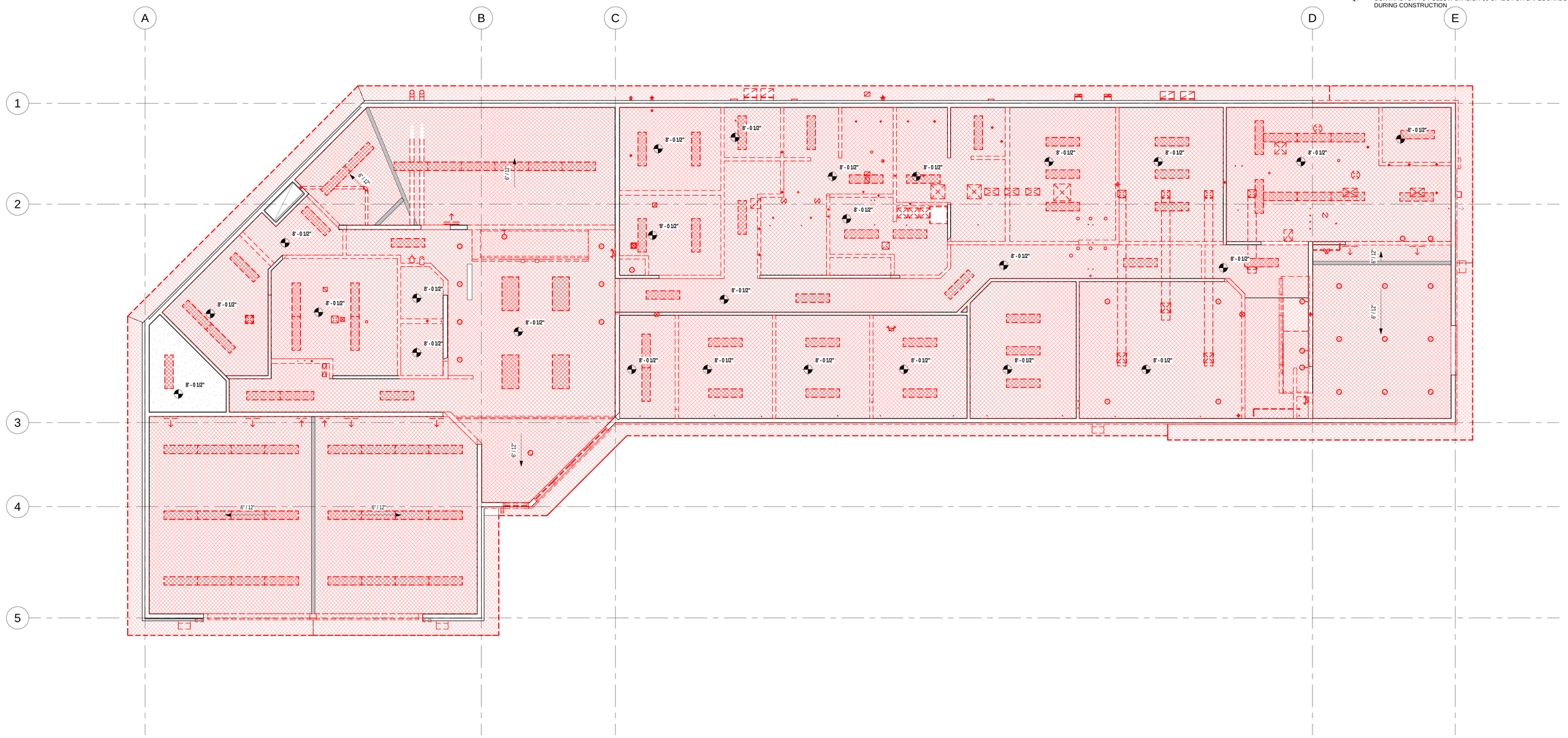
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N. REFER TO MEP DRAWINGS FOR FULL SCOPE OF MEP DEMOLITION.

O. PROTECT ALL EXISTING ELEMENTS AND FEATURES TO REMAIN.

P. PROTECT/RELOCATE LIVE BATS ON THE BUILDING EXTERIOR PER COLORADO STATE WILDLIFE REGULATIONS.

Q. CONTRACTOR TO FOLLOW DIVISION 33 OF IBC FOR SAFEGUARDS DURING CONSTRUCTION



NORTH

DEMOLITION FIRST FLOOR RCP

3/16" = 1'-0"

A
D-103

REYNOLDS ASH + ASSOCIATES
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LOUIS BENJAMIN ASH
REGISTERED ARCHITECT

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PRINT DATE: 8/31/2026 10:44:08 PM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

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SD PHASE 2026-02-06
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REVISIONS:

D-103

DEMOLITION REFLECTED CEILING PLANS

0 2.5 5 10
0 2"

WALL TYPE LEGEND

EXISTING WALLS TO REMAIN

WALLS TO BE DEMOLISHED

GENERAL DEMOLITION NOTES:

A. FIELD VERIFY ALL CONDITIONS & DIMENSIONS. NOTIFY A/E IF CONFLICTS ARE NOTED.

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G. ALL WALLS/PARTITIONS AND ASSEMBLIES MARKED FOR DEMOLITION TO BE REMOVED DOWN TO DECK.

H. EXTERIOR STUCCO/EIFS FINISH TO BE REMOVED DOWN TO EXISTING EXTERIOR SHEATHING. REMOVE SLUMP BLOCK ONLY IN AREAS WHERE SHOWN.

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K. A/E TO INSPECT SHELL OF BUILDING AFTER ALL INTERIOR FINISHES ARE DEMOLISHED.

L. PROVIDE TEMPORARY SHORING DURING DEMOLITION TO MAINTAIN INTEGRITY OF THE BUILDING, COORDINATE W/ STRUCTURAL ENGINEER PRIOR TO START.

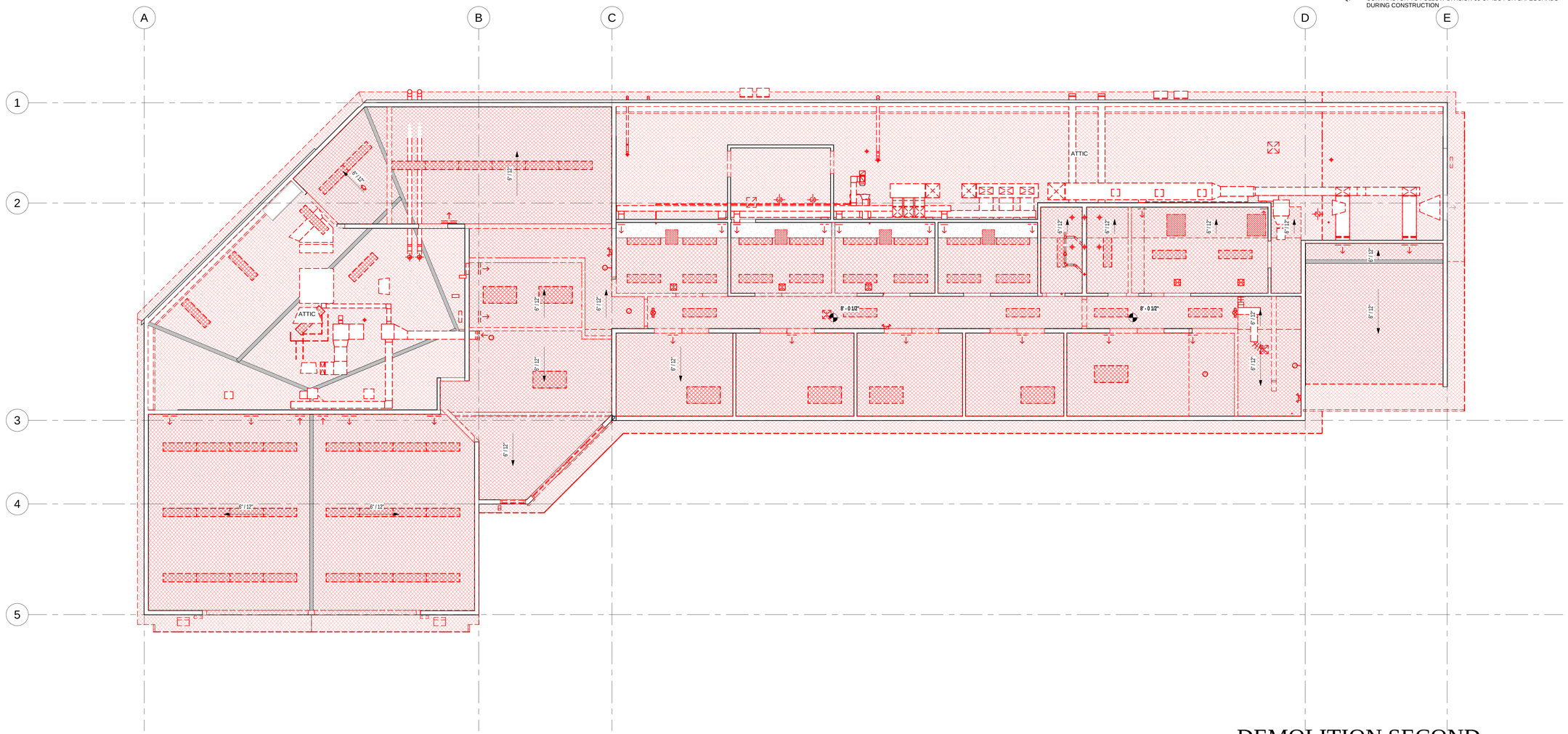
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N. REFER TO MEP DRAWINGS FOR FULL SCOPE OF MEP DEMOLITION.

O. PROTECT ALL EXISTING ELEMENTS AND FEATURES TO REMAIN.

P. PROTECT/RELOCATE LIVE BATS ON THE BUILDING EXTERIOR PER COLORADO STATE WILDLIFE REGULATIONS.

Q. CONTRACTOR TO FOLLOW DIVISION 33 OF IBC FOR SAFEGUARDS DURING CONSTRUCTION



NORTH

DEMOLITION SECOND FLOOR RCP

3/16" = 1'-0"

A D-104

PRINT DATE: 8/31/2026 10:44:31 PM

REYNOLDS ASH + ASSOCIATES
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LOUIS LOUIS BENDICH
REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	**25190**
ISSUE DATE:	**2026-08-31**
DRAWN BY:	**LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

D-104

DEMOLITION REFLECTED CEILING PLANS

0 2.5' 5' 10'
0 2'

GENERAL DEMOLITION NOTES:

A. FIELD VERIFY ALL CONDITIONS & DIMENSIONS. NOTIFY A/E IF CONFLICTS ARE NOTED.

B. ALL EXISTING PLUMBING FIXTURES TO BE REMOVED. UNO. CONTRACTOR TO COORDINATE WITH OWNER ON SALVAGED COPPER.

C. ALL INTERIOR AND EXTERIOR DOORS, WINDOWS TO BE REMOVED.

D. REMOVE ALL FLOORING DOWN TO SHEATHING.

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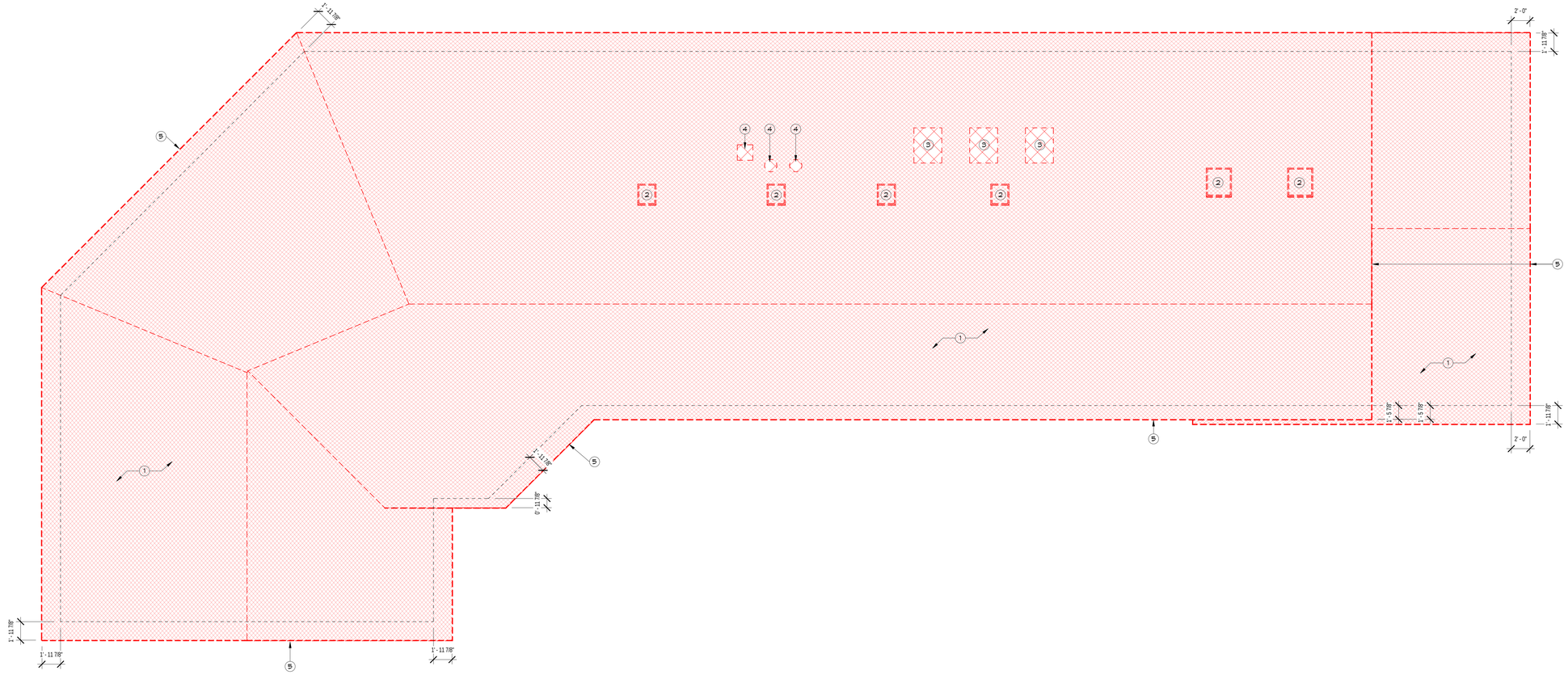
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Q. CONTRACTOR TO FOLLOW DIVISION 33 OF IBC FOR SAFEGUARDS DURING CONSTRUCTION

DEMO ROOF PLAN KEYNOTES

1 EXISTING METAL ROOFING TO BE STRIPPED DOWN TO SHEATHING
2 EXISTING SKYLIGHT TO BE REMOVED
3 EXISTING EVAPORATIVE COOLER RTU TO BE REMOVED, DO NOT SALVAGE, SEE MEP
4 EXISTING ROOF PENETRATION (TYPE TO V.I.F.) TO BE REMOVED, SEE MEP
5 EXISTING FASCIA TO BE REMOVED



NORTH

DEMOLITION ROOF PLAN

3/16" = 1'-0"

A
D-105

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REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
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DRAWN BY: **LES**

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REVISIONS:

D-105
DEMOLITION ROOF PLAN

0 2.5' 5' 10'
0 2'

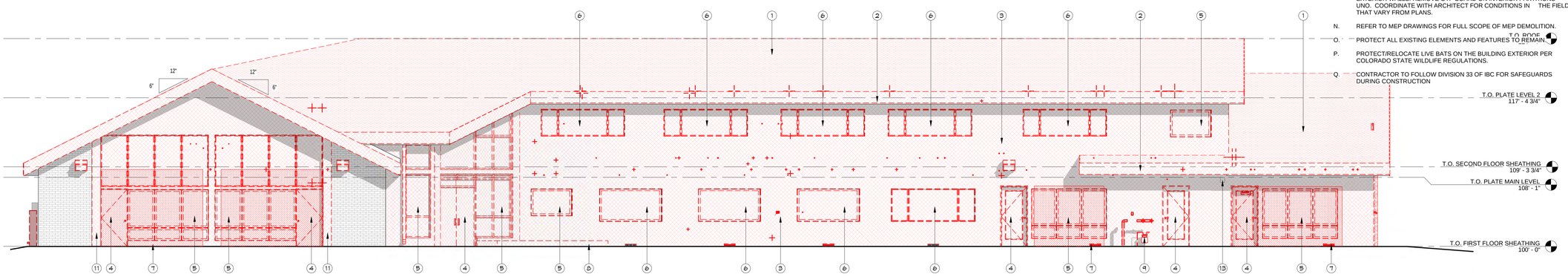
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DEMO ELEVATION KEYNOTES

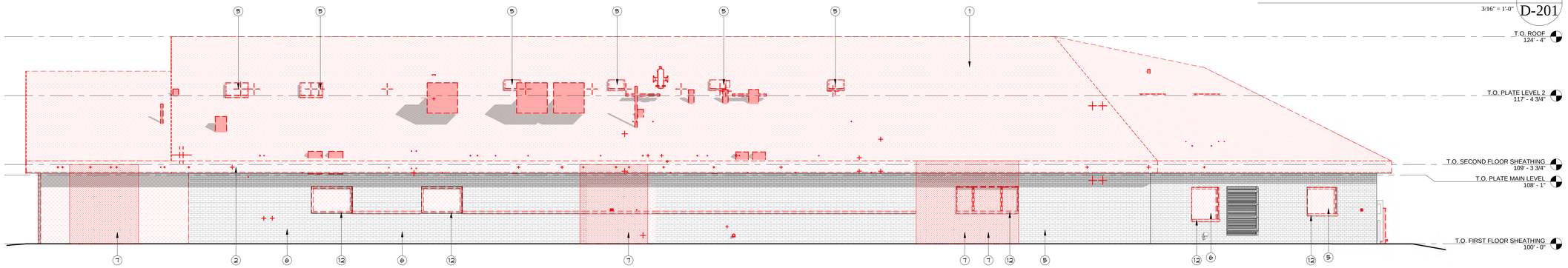
1 EXISTING METAL ROOF TO BE DEMOLISHED DOWN TO SHEATHING, PREP FOR REPLACEMENT
2 EXISTING FASCIA TO BE REMOVED
3 EXISTING STUCCO/EIFS TO BE DEMOLISHED DOWN TO EXISTING SHEATHING
4 EXISTING DOOR TO BE REMOVED
5 EXISTING WINDOW(S) TO BE REMOVED, PREP FOR INFILL
6 EXISTING WINDOW(S) TO BE REMOVED, PREP TO BE REPLACED WITH SIMILAR
7 NEW/ENLARGE EXISTING OPENING FOR NEW CASEMENT, DEMO WALL UP TO SOFFIT @ SLUMP BLOCK
8 EXISTING PLANTER TO BE REMOVED
9 EXISTING GAS METER TO BE RELOCATED, SEE MEP
10 EXISTING LOUVRE TO BE RELOCATED, SEE MEP
11 DEMOLISH EXISTING SLUMPBLOCK DECORARIVE BUMP-OUT
12 DEMOLISH EXISTING SLUMPBLOCK COURSING SILL
13 WILD BAT, PROTECT ALL BATS FOUND AND RETURN TO BAT HOUSE ON SITE

GENERAL DEMOLITION NOTES:

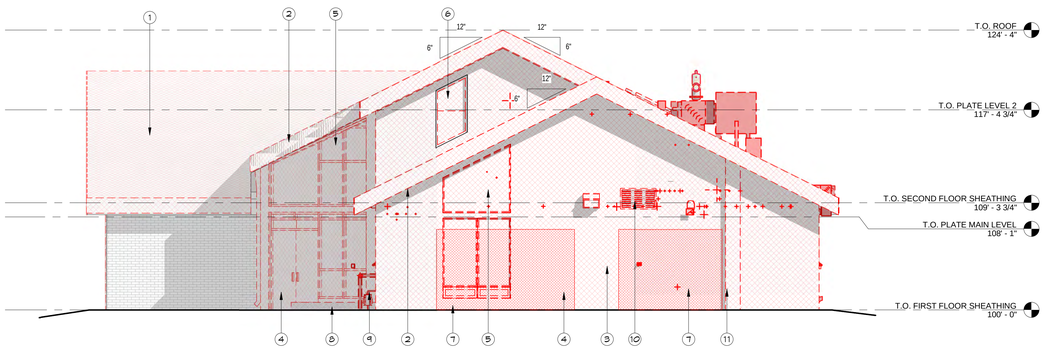
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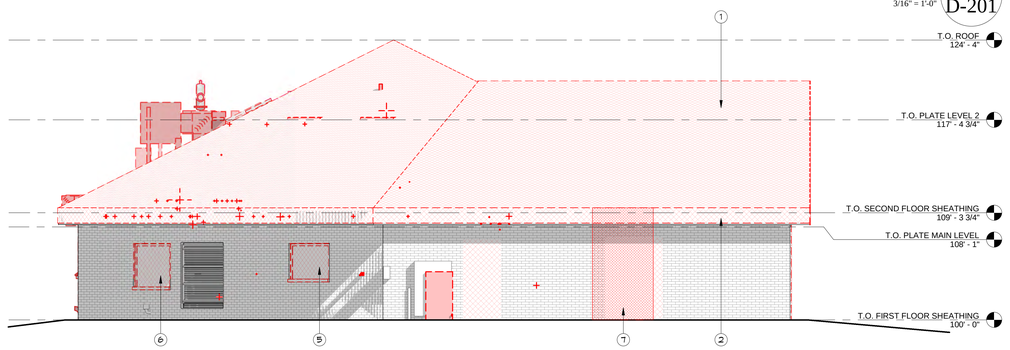
DEMOLITION SOUTH ELEVATION A
3/16" = 1'-0" D-201



DEMOLITION NORTH ELEVATION B
3/16" = 1'-0" D-201



DEMOLITION EAST ELEVATION C
3/16" = 1'-0" D-201



DEMOLITION WEST ELEVATION D
3/16" = 1'-0" D-201

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STATE OF COLORADO
LOUIS RENOLDS ASH
REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design
CHC Engineers, LLC
ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
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DRAWN BY: **LES**

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CD PHASE 2026-08-31

REVISIONS:

D-201
DEMOLITION ELEVATIONS

0 2.5 5 10
0 2"

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COLORADO LICENSED
CLAYTON HARRISON
No. 35620
2026-08-30
PROFESSIONAL ENGINEER

CHC Engineers, LLC
50 Valley Court
Durango, CO
970-387-8765

BOYS AND GIRLS CLUB OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE DR.
IGNACIO, COLORADO 81137

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- ----

REVISIONS:

- 1 ----
- 2 ----
- 3 ----
- 4 ----

C100

Demo Plan

Drawing name: E:\CHC Engineers\25190 Ignacio Boys and Girls Club\CAD\ARP Ignacio Boys and Girls Club.dwg Date: 08/30/2026 - 11:17am

County Road 517

NORTH

Locate and Use existing 6" Sewer Tap

Possible New Transformer Location

Note: SUUT will be working on water mains in this area during this project.

Locate Service, Abandon 2" Water Service. Remove Curb Stop, turn off Corp Stop and plug at main. Encase tap with concrete at least 6" thick around saddle.

New 3 Phase Power Service 24" to 30" Cover per LPEA Detail Reference Electrical

Replace Curb with 24" Roll Curb. Patch back 18" to 24" of existing pavement.

Cut in 6" Tee on existing 6" C900 main, provide thrust block, (3) 6" gate valves, and valve boxes with concrete diamonds.

Note: Coordinate all work on water mains with SUIT. Shutoff must be after hours.

New 6" Service for Fire, Domestic and Irrigation. 63 LF. Provide 48" Cover over pipe. All joints to be joint restrained. Provide tracer wire. All work shall conform to NFPA 24.

New Fiber Optic Service Line. Contractor to trench to 24" cover, install 2" Conduit and and backfill. Service Provider to provide and install fiber with all costs to the project.

Two-way cleanout assembly (typical)

Double 12' gate Ref Landscape

See Sheet C301 - Sewer Plan and Profile

Grease Interceptor Ref. Plumbing

Existing Grading or Proposed Landscaping shall not be higher than finished floor around building. Notify Engineer.

12"x36" Concrete Splash Blocks Typical of (5)

Monument Sign, Ref. Arch. FG 6522 = T.O.Foundation

Relocate Boulders on site per Landscape

6' New Walk

2' Retaining Wall with Fence

6' Walk

4' Walk

Protect Trees in place.

Re-stripe entire lot.

New Curb and Gutter

New Pavement

Place New 24" Curb. Patch back 18" to 24" of existing pavement.

5' Walk

Fill will be required in this area. Follow grades and see Landscape for finishes.

New Gas Service Provide Tracer Wire

FDC Location Ref Plumbing

4' Walk

Accessible Ramp

New Accessible Ramp

Accessible Sign - VAN Accessible Signs

Header Curb

Replace Curb and Gutter. Patch back 18" to 24" of existing pavement.

Accessible Ramp

Connect to existing Gas Line. SUIT will tap, provide gas line and install line. Cost will be to project. Contractor will excavate, remove and replace curb and pavement, and backfill.

New Accessible Striping 12" wide x 5 long @ 3' o.c.

Pavement Markings for Bus Parking

Pavement Markings

Replace Sidewalk 17 SF to existing joints

Replace Sidewalk 90 SF to existing joints

Place 100 SF Concrete for Bike Parking

Existing Crawl Space Vents

Proposed Door

Relocate Vent from under Door. Ref Arch.

Dec-O-Vent Vent Covers. Typical (3)

Patio Ref. Landscape for section

Fence. Ref. Landscape

Slot Drain with Down Spout Catch Basin (Typical of 3)- See Specs: Landscape Drains 6000 series T304 stainless steel slot drain (or approved equal)

FF = 6518 at threshold

Abandoned Sewer Line

Power Size unknown Powers abandoned

Replace Curb with 24" Roll Curb. Patch back 18" to 24" of existing pavement.

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CLAYTON HARRISON
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REGISTERED
PROFESSIONAL ENGINEER
2026-08-30

CHC Engineers, LLC
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BOYS AND GIRLS CLUB OF THE SOUTHERN UTE INDIAN TRIBE

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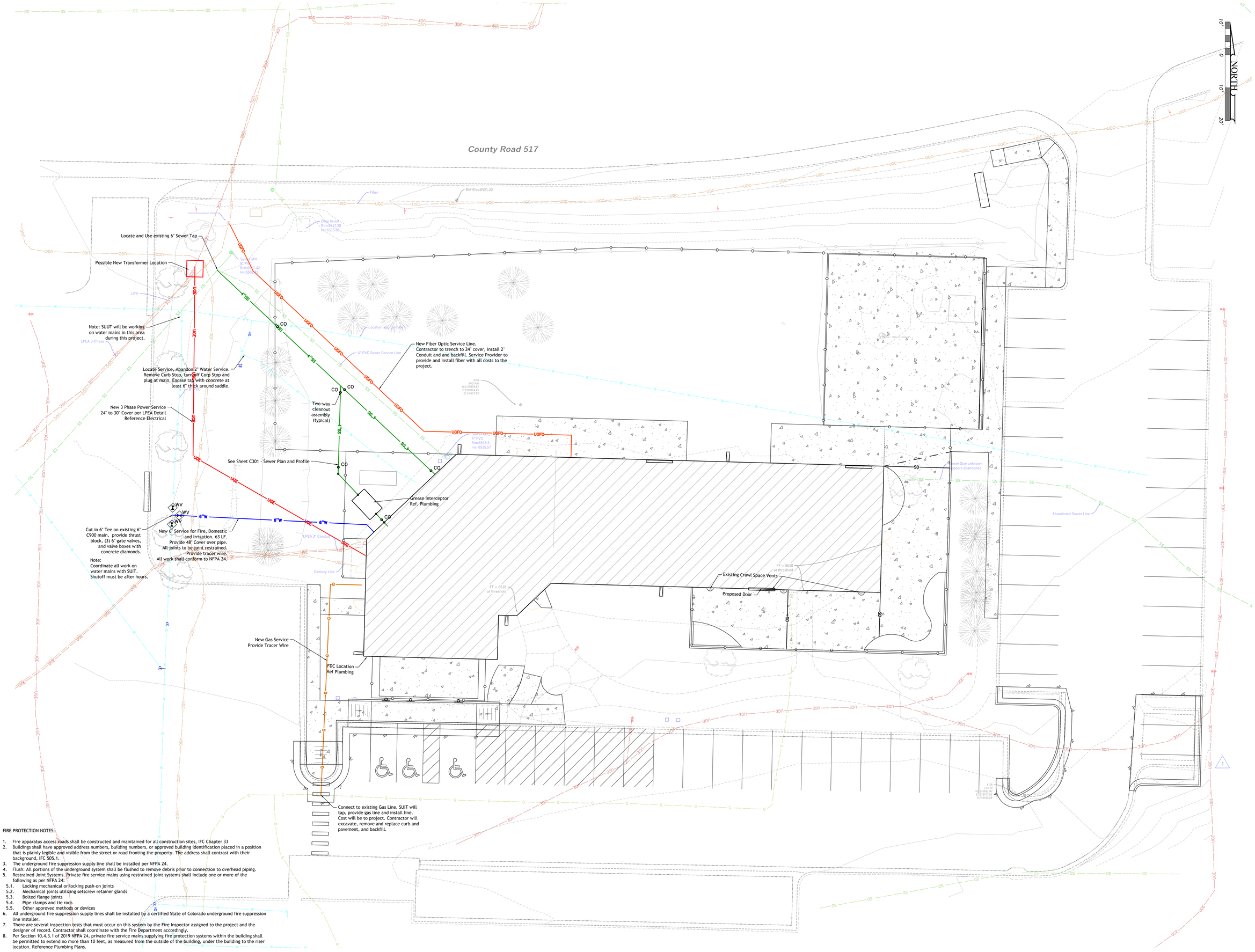
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C200

Site Plan

Drawing Name: R:\CHC Engineers\2025 Projects\ Boys and Girls Club\CAD\PDF\ Sprinkler Boys and Girls Club.dwg Date: 08/29/2026 - 11:17am



FIRE PROTECTION NOTES:

1. Fire apparatus access roads shall be constructed and maintained for all construction sites, IFC Chapter 33
2. Buildings shall have approved address numbers, building numbers, or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. The address shall contrast with their background, IFC 505.1.
3. The underground fire suppression supply line shall be installed per NFPA 24.
4. Flush: All portions of the underground system shall be flushed to remove debris prior to connection to overhead piping.
5. Restrained Joint Systems. Private fire service mains using restrained joint systems shall include one or more of the following as per NFPA 24:
   - 5.1. Locking mechanical or locking push-on joints
   - 5.2. Mechanical joints utilizing setscrew retainer glands
   - 5.3. Bolted flange joints
   - 5.4. Pipe clamps and tie rods
   - 5.5. Other approved methods or devices
6. All underground fire suppression supply lines shall be installed by a certified State of Colorado underground fire suppression line installer.
7. There are several inspection tests that must occur on this system by the Fire Inspector assigned to the project and the designer of record. Contractor shall coordinate with the Fire Department accordingly.
8. Per Section 10.4.3.1 of 2019 NFPA 24, private fire service mains supplying fire protection systems within the building shall be permitted to extend no more than 10 feet, as measured from the outside of the building, under the building to the riser location. Reference Plumbing Plans.

Drawing name: G:\CHC Engineers\25000 Projects Boys and Girls Club\CAD\ARC\ARC Projects Boys and Girls Club.dwg Date: 08/29/2026 - 11:17am

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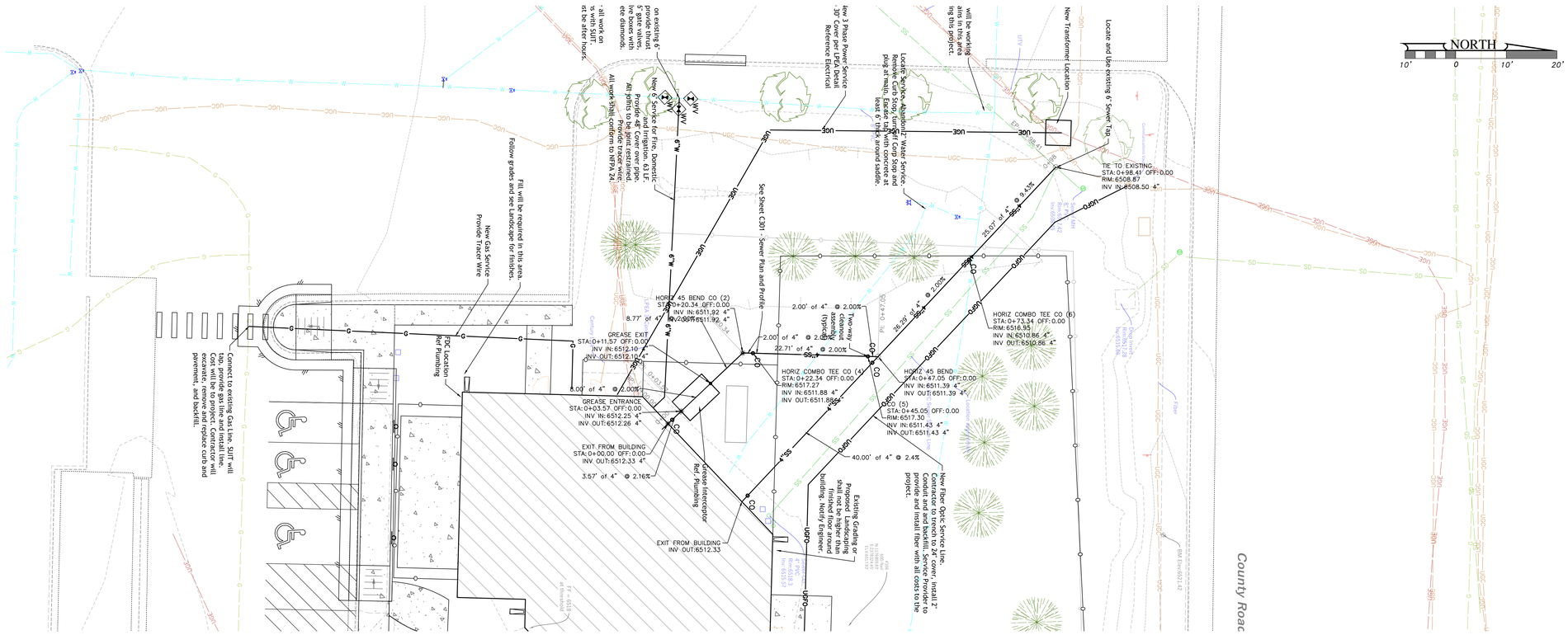
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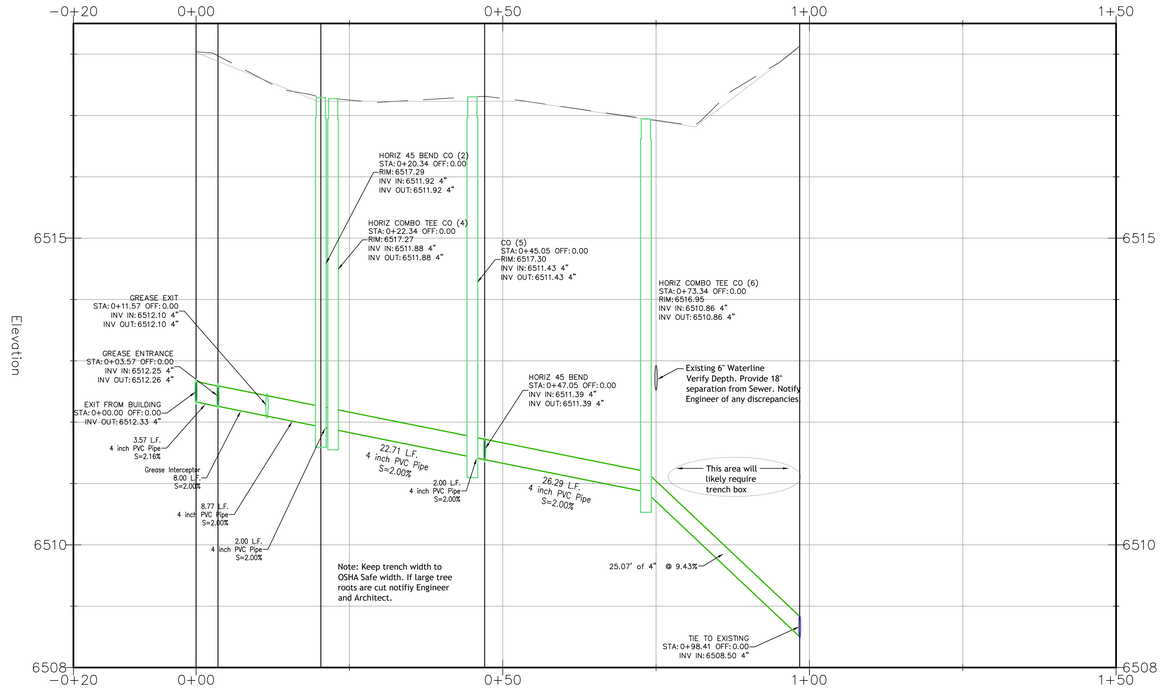
REVISIONS:

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C300

Utility Plan





REYNOLDS ASH + ASSOCIATES
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564 EAST SECOND AVE., STE. 201
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COLORADO LICENSED
CLAYTON HARRISON
No. 35620
PROFESSIONAL ENGINEER
2026-08-30

CHC Engineers, LLC
50 Valley Court
Durango, CO
970-387-8765

BOYS AND GIRLS CLUB OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE DR.
IGNACIO, COLORADO 81137

JOB NO.:	25190
DATE:	2026-08-31
DRAWN BY:	CHC

ISSUE RECORD:

SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 202608-31

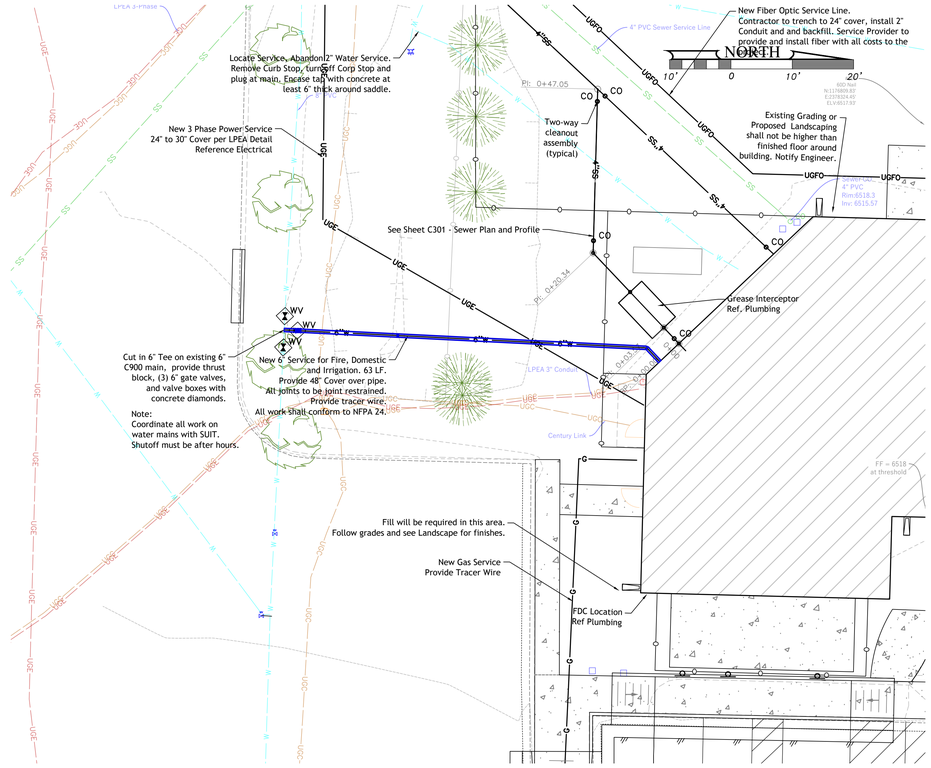
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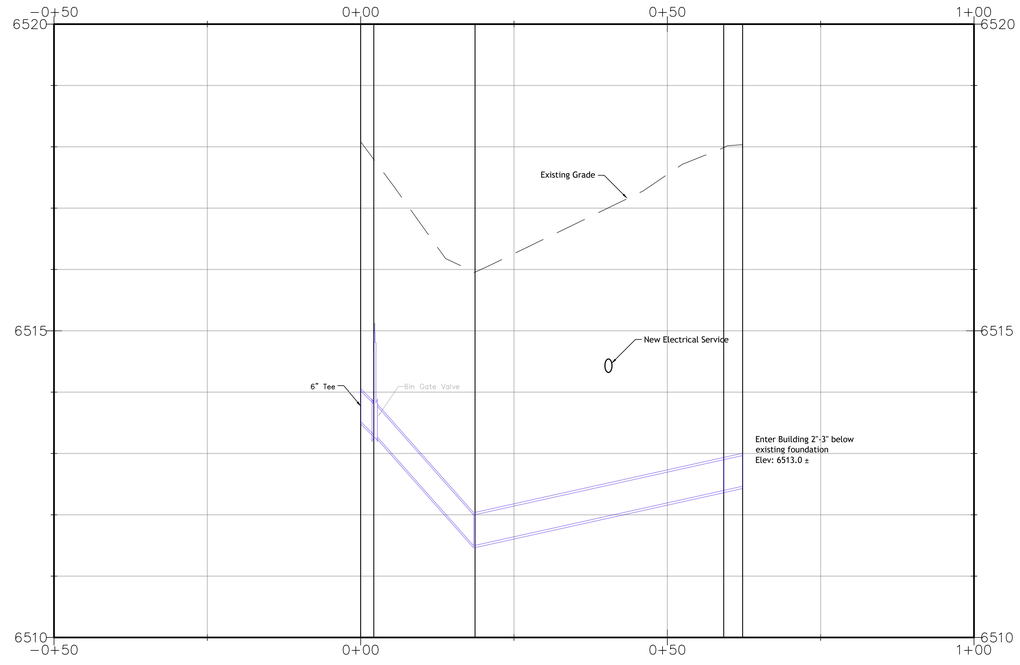
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C301

Sewer Plan and Profile

Drawing name: S:\CHC Engineers\22008 Ignacio Boys and Girls Club\CAD\ARCH\ Ignacio Boys and Girls Club.dwg Date: 08/29/2026 - 11:17am





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BOYS AND GIRLS CLUB OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE DR.
IGNACIO, COLORADO 81137

JOB NO.:	25190
DATE:	2026-08-31
DRAWN BY:	CHC

ISSUE RECORD:

- SD PHASE 2026-02-06
- DD PHASE 2026-07-06
- CD PHASE 202608-31
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REVISIONS:

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- 4 ----

C302

Water PnP

Drawing name: D:\CHC Engineers\25000 Ignacio Boys and Girls Club\CAD\ARCH\ Ignacio Boys and Girls Club.dwg Date: 08/30/2026 - 11:17am

County Road 517

Existing Grading or Proposed Landscaping shall not be higher than finished floor around building. Notify Engineer.

Fill will be required in this area. Follow grades and see Landscape for finishes.

Existing Crawl Space Vents

Proposed Door

FF = 6518 at threshold

Fiber

BM Elev=6521.42

Communications Vault

Drop Inverit = Rim:6517.28 Inv:6515.68

Sewer MH S: PVC Rim:6517.42 Inv:6509.00

UTV

LPEA 3-Phase

4" PVC Sewer Service Line

8" PVC

Location approximate

LPEA 3" Conduit

Century Link

Abandoned Sewer Line

NORTH

10' 0 10' 20'

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CLAYTON HARRIGAN
PE 35620
STATE OF COLORADO
EXPIRATION DATE
09-2026 - 08 - 30
PROFESSIONAL ENGINEER

CHC Engineers, LLC
50 Valley Court
Durango, CO
970-387-8765

BOYS AND GIRLS CLUB OF THE SOUTHERN UTE INDIAN TRIBE

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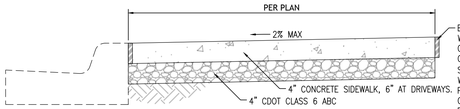
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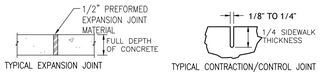
C400

Grading Plan

Drawing Name: R:\CHC Engineers\2025 Projects\ Boys and Girls Club\CAD\PLANS Upstairs Boys and Girls Club.dwg Date: 08/29/2026 - 11:57am



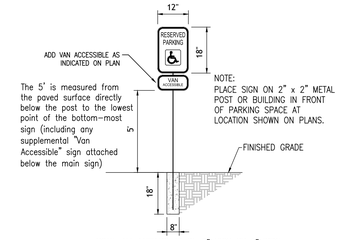
ATTACHED SIDEWALK



TYPICAL SIDEWALK DETAIL

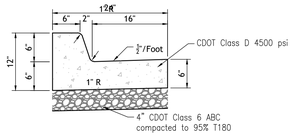
NOTE:

1. ALL SIDEWALKS TO BE 4" THICK, EXCEPT AT DRIVEWAYS, SIDEWALK SHALL BE 6" THICK.
2. CONCRETE SHALL BE CLASS D – 4500 psi.
3. ON STRAIGHT RUN OF STANDARD SIDEWALK, 1/4" EXPANSION JOINTS SHALL BE INSTALLED 80' ON-CENTER AND AT CHANGES IN DIRECTION AND AT BEGINNING AND ENDING OF CURVES.
4. CONTRACTION JOINTS SHALL BE INSTALLED AT INTERVALS NOT TO EXCEED SIDEWALK WIDTH AND NO MORE THAN 10'.
5. SIDEWALKS SHALL BE A MINIMUM OF 6' WIDE ON ARTERIAL STREETS AND ADJACENT TO SCHOOLS.
6. THE TYPICAL SECTION OF THE STANDARD CURB SHALL BE MODIFIED AT TIE-IN POINTS IN ORDER TO PRODUCE A SUITABLE TRANSITION TO THE EXISTING CURB SECTION. VARIABLE HEIGHT CURB (OTHER THAN 6" MEASURED ALONG THE FACE OF THE CURB) SHALL BE CONSTRUCTED TO MATCH AN EXISTING SIDEWALK OR AS DIRECTED BY THE ENGINEER.



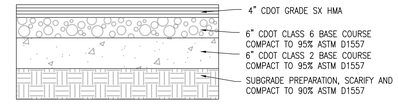
VAN ACCESSIBLE SIGN

NOT TO SCALE



STANDARD CURB & GUTTER

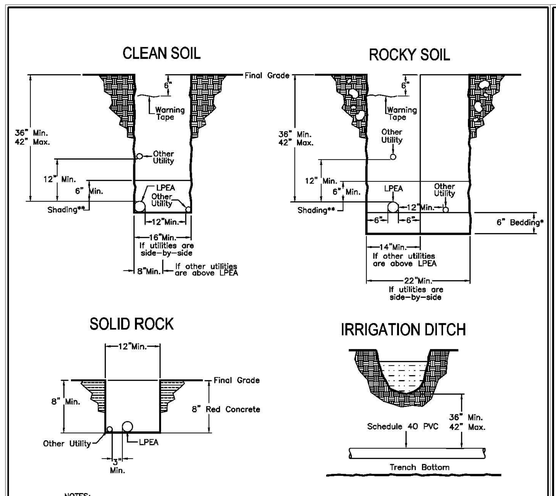
NOT TO SCALE



Note: Existing gravel can be used as Class 2 Base if 6" or more exists after excavation for HMA and Class 6. Scarify, moisture condition and compact.

HMA PAVEMENT SECTION

NOT TO SCALE



NOTES:

3" GREY SCHEDULE 40 PVC SLEEVE REQUIRED ON ALL SINGLE PHASE ROAD CUTS.
6" GREY SCHEDULE 40 PVC SLEEVE REQUIRED ON ALL THREE PHASE ROAD CUTS.
6" HDPE PIPE WILL BE UTILIZED FOR ALL BORES

WARNING TAPE SUPPLIED BY LPEA; INSTALLED BY CUSTOMER.

* BEDDING (ROCK FREE DIRT OR SAND) TO BE SUPPLIED AND INSTALLED BY CUSTOMER.

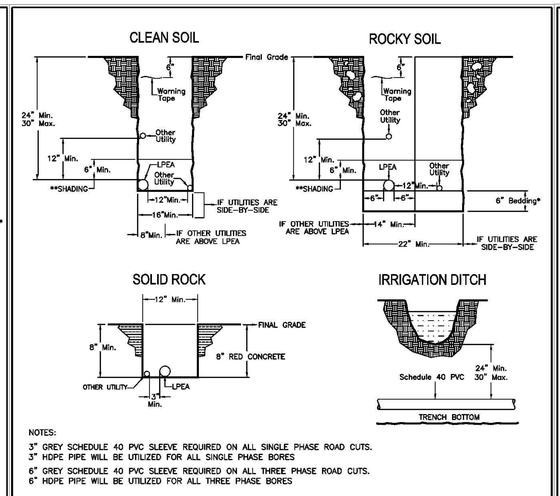
** SHADING (ROCK FREE DIRT OR SAND) TO BE SUPPLIED BY CUSTOMER; INSTALLED BY LPEA CREW. SHADING MUST BE SUPPLIED IN 20' INCREMENTS ALONG THE DITCH.

NO.	DATE	REVISIONS	APP'D

LPEA
La Plata Electric Association, Inc.
A Touchstone Energy Cooperative
PO Box 2750
Durango CO 81302-2750
COLORADO 32 LaPLATA

DRAWN JDD | CHECKED | APPROVED | DATE 06/25/08 | FILE NAME SPEC1.dwg

UG TRENCH AND BEDDING SPECIFICATIONS
PRIMARY
SCALE NONE | DRAWING NUMBER SPEC 1



NOTES:

3" GREY SCHEDULE 40 PVC SLEEVE REQUIRED ON ALL SINGLE PHASE ROAD CUTS.
3" HDPE PIPE WILL BE UTILIZED FOR ALL SINGLE PHASE BORES

6" GREY SCHEDULE 40 PVC SLEEVE REQUIRED ON ALL THREE PHASE ROAD CUTS.
6" HDPE PIPE WILL BE UTILIZED FOR ALL THREE PHASE BORES

FLOW FILL NOT ACCEPTED.

WARNING TAPE SUPPLIED BY LPEA; INSTALLED BY CUSTOMER.

SERVICES 400 AMP OR GREATER REQUIRE CONSULTATION WITH A STAKING ENGINEER REGARDING SECONDARY REQUIREMENTS.

SERVICES GREATER THAN 800 AMP WILL REQUIRE PARALLEL RUNS OF CONDUIT OF ADEQUATE SIZE FOR THE REQUIRED CONDUCTOR. CUSTOMER MUST CONSULT WITH STAKING ENGINEER.

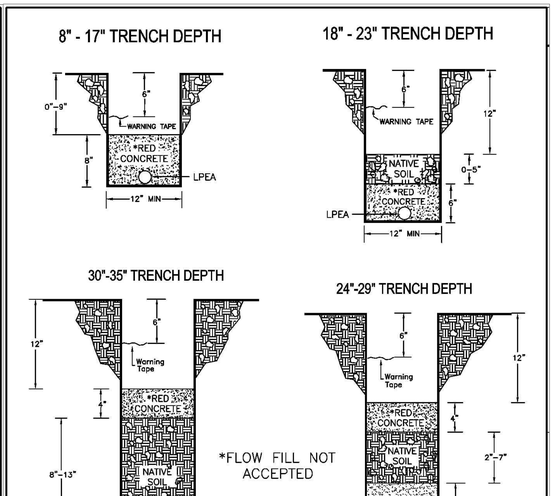
* BEDDING (ROCK FREE DIRT OR SAND) TO BE SUPPLIED AND INSTALLED BY CUSTOMER.
** SHADING (ROCK FREE DIRT OR SAND) TO BE SUPPLIED BY CUSTOMER; INSTALLED BY LPEA CREW.
** SHADING MUST BE SUPPLIED IN 20' INCREMENTS ALONG THE DITCH.

NO.	DATE	REVISIONS	APP'D
1	4/27/21	Removed suggested secondary wire type table	MAF
2	4/27/21	Corrected HDPE sizes on bores	MAF
3	4/27/21	Added required engineer consultation for services of 400 amps or greater.	MAF

LPEA
La Plata Electric Association, Inc.
A Touchstone Energy Cooperative
PO Box 2750
Durango CO 81302-2750
COLORADO 32 LaPLATA

DRAWN JDD | CHECKED | APPROVED | DATE 06/25/08 | FILE NAME SPEC2.dwg

UG TRENCH AND BEDDING SPECIFICATIONS
SECONDARY
SCALE NONE | DRAWING NUMBER SPEC 2



NO.	DATE	REVISIONS	APP'D

LPEA
La Plata Electric Association, Inc.
A Touchstone Energy Cooperative
PO Box 2750
Durango CO 81302-2750
COLORADO 32 LaPLATA

DRAWN JDD | CHECKED | APPROVED | DATE 06/30/08 | FILE NAME SPEC3.dwg

UG TRENCH SHALLOW DEPTH
PRIMARY / SECONDARY
SCALE NONE | DRAWING NUMBER SPEC 3

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564 EAST SECOND AVE., STE. 201
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CLAYTON HARRISON
No. 35620
2026-08-30
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50 Valley Court
Durango, CO
970-387-8765

BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE DR.
IGNACIO, COLORADO 81137

JOB NO.: 25190
DATE: 2026-08-31
DRAWN BY: CHC

ISSUE RECORD:

SD PHASE 2026-02-06
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REVISIONS:

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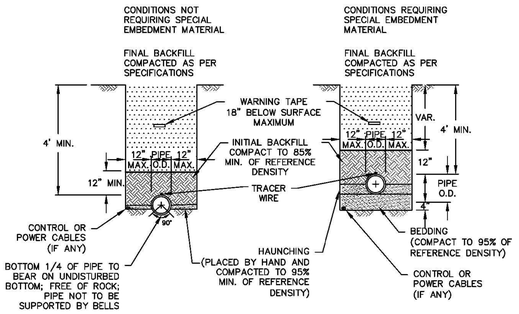
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Civil Details

Drawing name: S:\CAD Engineering\2026\8 Ignacio Boys and Girls Club\LAYOUT\ Ignacio Boys and Girls Club.dwg Date: 08/29/2026 - 11:17am

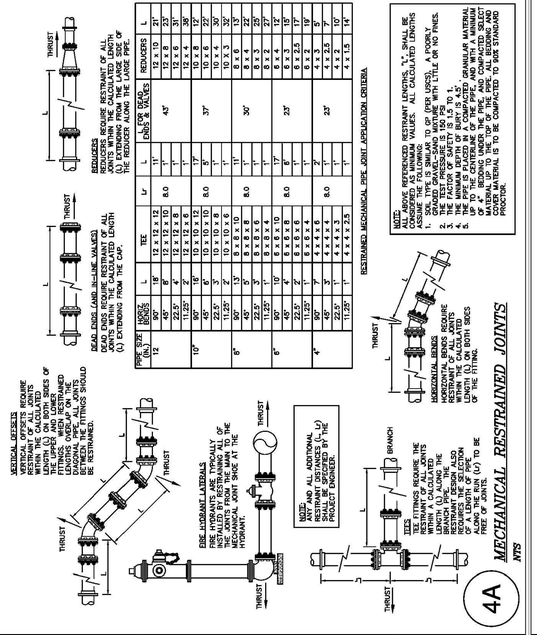
NOTES:

1. SPECIAL IMPORTED BEDDING AND HAUNCHING MATERIAL SHALL MEET THE CRITERIA OF THE UNIFIED SOILS CLASSIFICATION SYSTEM FOR GW, GP, SW OR SP SOILS.
2. ATTACH TRACER WIRE TO PIPE 3 TIMES PER 20' PIPE LENGTH, MINIMUM.
3. TRACER WIRE IS REQUIRED ON WATER MAINS, WATER SERVICE LINES AND SEWER FORCE MAINS.



1A *TYPICAL TRENCH SECTION*
NTS

DEPT. OF HEALTH & HUMAN SERVICES PUBLIC HEALTH SERVICE INDIAN HEALTH SERVICE ALBUQUERQUE AREA DSFC	DETAIL NAME: TYPICAL TRENCH SECTIONS	FILE NAME: IHS-STD-BLOCKS-2016 DETAIL NO. 1A

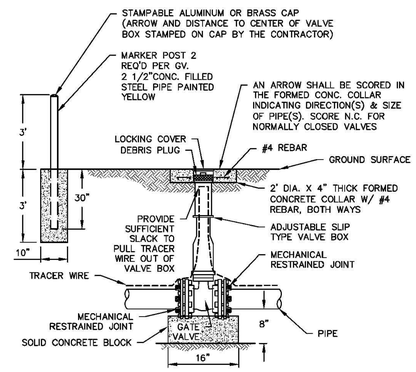


4A *MECHANICAL RESTRAINED JOINTS*
NTS

DEPT. OF HEALTH & HUMAN SERVICES PUBLIC HEALTH SERVICE INDIAN HEALTH SERVICE ALBUQUERQUE AREA DSFC	DETAIL NAME: MECHANICAL RESTRAINED JOINT	FILE NAME: IHS-STD-BLOCKS-2016 DETAIL NO. 4A

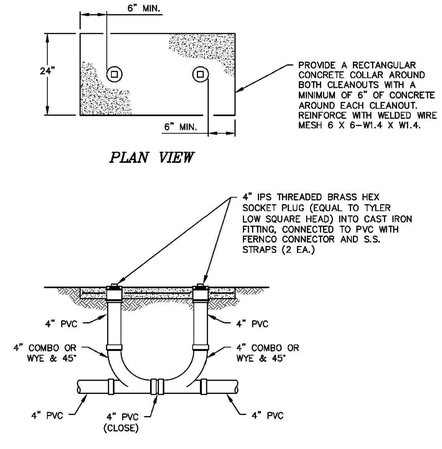
NOTES:

1. UNDER NO CIRCUMSTANCES SHALL STEEL MARKER POSTS BE INSTALLED WITHIN THE RIGHT-OF-WAY OF ROADS. UTILITY LINE MARKERS SHALL BE INSTALLED IN LIEU OF STEEL MARKER POSTS WITHIN THE RIGHT-OF-WAY OF ROADS (SEE DETAIL 1B).



4B *GATE VALVE W/ BOX & MARKER POST DETAIL*
NTS

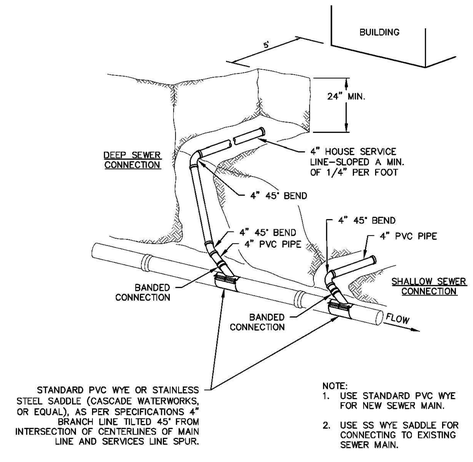
DEPT. OF HEALTH & HUMAN SERVICES PUBLIC HEALTH SERVICE INDIAN HEALTH SERVICE ALBUQUERQUE AREA DSFC	DETAIL NAME: GATE VALVE	FILE NAME: IHS-STD-BLOCKS-2016 DETAIL NO. 4B



PLAN VIEW

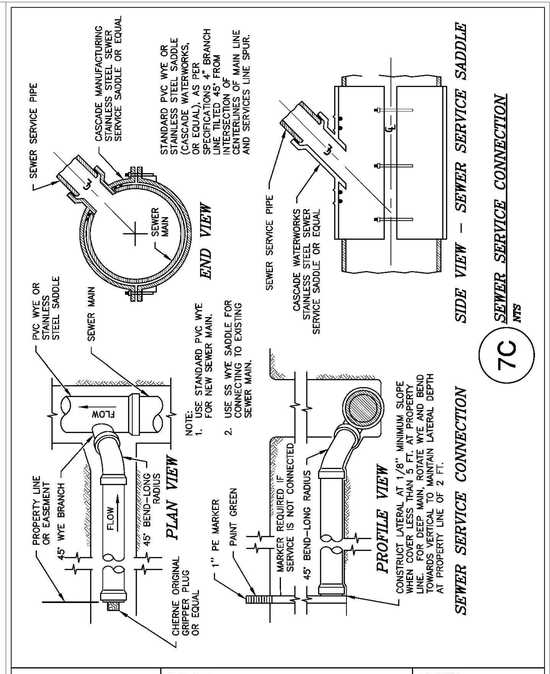
7A *SEWER SERVICE LINE CLEANOUTS*
NTS

DEPT. OF HEALTH & HUMAN SERVICES PUBLIC HEALTH SERVICE INDIAN HEALTH SERVICE ALBUQUERQUE AREA DSFC	DETAIL NAME: SEWER SERVICE LINE CLEANOUTS	FILE NAME: IHS-STD-BLOCKS-2016 DETAIL NO. 7A



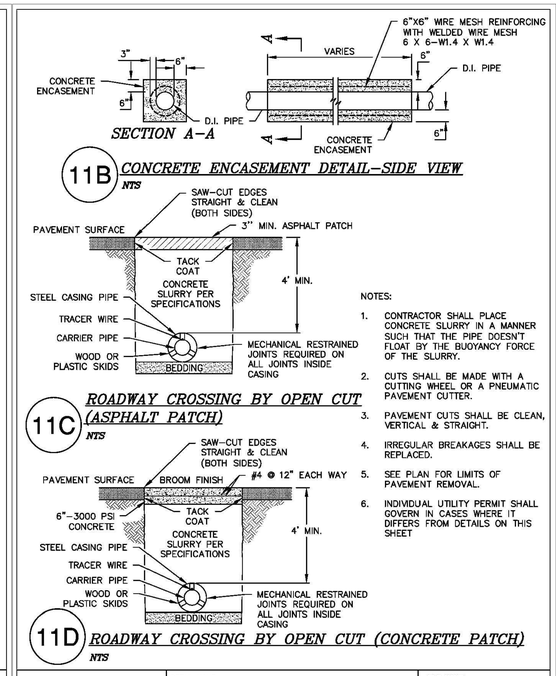
7B *SEWER SERVICE CONNECTION*
NTS

DEPT. OF HEALTH & HUMAN SERVICES PUBLIC HEALTH SERVICE INDIAN HEALTH SERVICE ALBUQUERQUE AREA DSFC	DETAIL NAME: SEWER SERVICE CONNECTION	FILE NAME: IHS-STD-BLOCKS-2016 DETAIL NO. 7B



7C *SEWER SERVICE CONNECTION*
NTS

DEPT. OF HEALTH & HUMAN SERVICES PUBLIC HEALTH SERVICE INDIAN HEALTH SERVICE ALBUQUERQUE AREA DSFC	DETAIL NAME: SEWER SERVICE CONNECTION	FILE NAME: IHS-STD-BLOCKS-2016 DETAIL NO. 7C



DEPT. OF HEALTH & HUMAN SERVICES PUBLIC HEALTH SERVICE INDIAN HEALTH SERVICE ALBUQUERQUE AREA DSFC	DETAIL NAME: CONCRETE ENCASEMENT, ROADWAY CROSSING BY OPEN CUT (ASPHALT & CONCRETE PATCH)	FILE NAME: IHS-STD-BLOCKS-2016 DETAIL NO. 11B,11C,&11D

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CLAYTON HARRISON
No. 35620
REGISTERED
07-2026-08-30
PROFESSIONAL ENGINEER

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970-387-8765

BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE DR.
IGNACIO, COLORADO 81137

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CD PHASE 202608-31

REVISIONS:

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C501

Civil Details

Drawing name: S:\CHC Engineers\2025\25190 Iganacio Boys and Girls Club\CAD\CIVIL\25190 Iganacio Boys and Girls Club.dwg Date: 08/29/2026 - 11:17am

NOTES

- EACH TREE TO HAVE TREE PROTECTION.
- REMOVED TREES TO BE HAULED OFFSITE BY CONTRACTOR.
- TREE & STUMPS TO BE REMOVED. IF STUMP GRINDER, GRIND TO 12" BELOW GRADE.
- UTILITIES TO BE LOCATED PRIOR TO REMOVED.
- 4' CONSTRCUTION FENCE TO BE MAINTAINED THROUGH CONSTRCUTION
- CONTRACTOR SHALL PROVIDE SUPPLEMENTAL IRRIGATION TO ALL PROTECTED TREES AND TURF AREAS THROUGHOUT THE DURATION OF CONSTRUCTION

LEGEND

- EXISTING TREE TO BE REMOVED
- EXISTING TREE TO BE PROTECTED
- PROTECTIVE FENCE

PROTECT EXISTING TURF GRASS

4' CONSTRUCTION FENCE

EXISTING TREE TO BE REMOVED

REMOVE ALL EXISTING SHRUBS

EXISTING TREE TO BE PROTECTED; TYP

REMOVE ALL EXISTING SHRUBS

7" PINE
14" PINE
14" PINE
11" PINE
14" PINE
15" PINE
10" PINE
11" PINE
24" PINE
17" PINE
17" PINE
26" PINE
6" PINE
20" PINE
14" PINE
14" PINE
21" PINE
12" PINE
12" PINE
33" PINE
14" SIBERIAN ELM
12.7" PINE
8" PINE
12" PINE
10" PINE
15" PINE
27" SIBERIAN ELM
14" HONEY LOCUS
20" COTTONWOOD
18" PINE

0 5 10 20
SCALE 1"=10'-0"

PRINT DATE:

REYNOLDS ASH + ASSOCIATES
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LEE N. PETTY
1158
03/16/2016
Original Date of Licensure
STATE OF COLORADO
LICENSED LANDSCAPE ARCHITECT
7/06/2026

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB OF THE SOUTHERN UTE INDIAN TRIBE

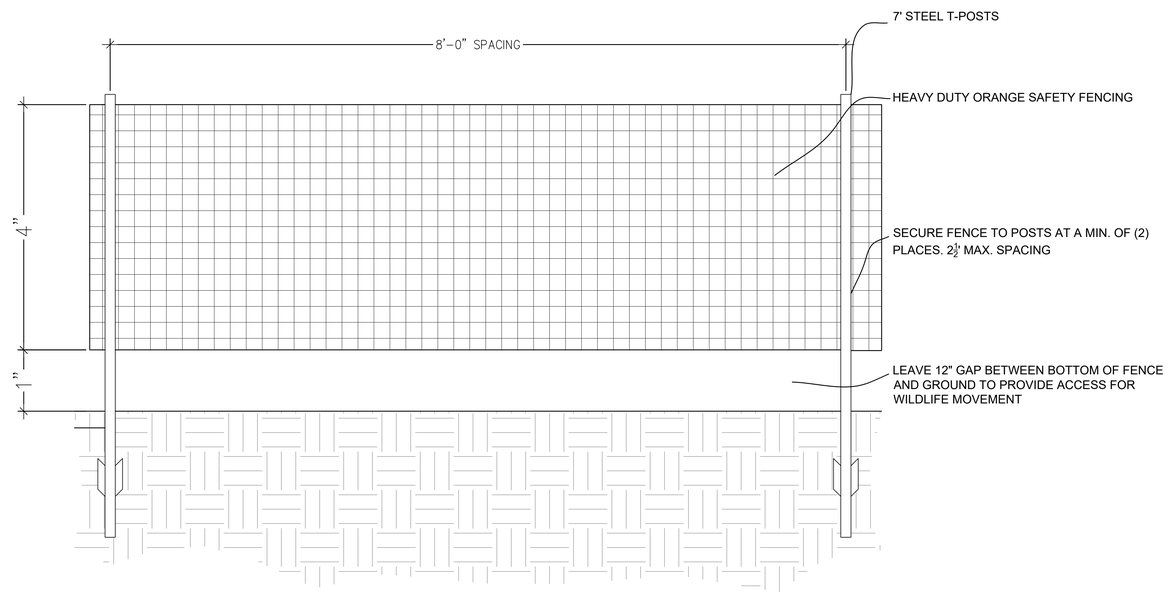
296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **261-B&G CLUB**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LH**

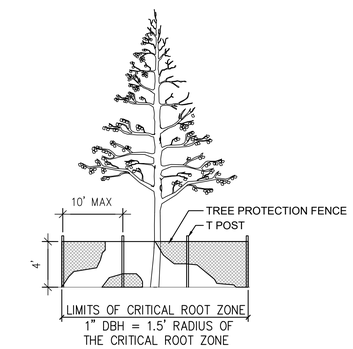
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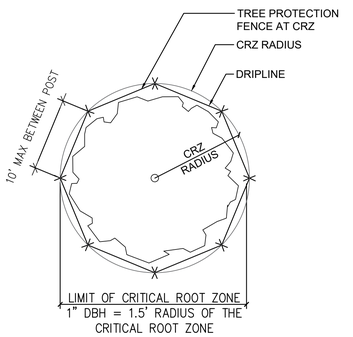
REVISIONS:

LA-000
TREE PROTECTION PLAN



02 TREE PROTECTION FENCING
NTS PLAN





01 TREE PROTECTION FENCING
NTS PLAN

TREE PROTECTION NOTES

THE CRITICAL ROOT ZONE (CRZ) OF A TREE IS THE ZONE IN WHICH THE MAJORITY OF A TREE'S ROOTS LAY. NINETY-FIVE PERCENT OF THE ROOTS OF MOST TREES WILL BE FOUND IN THE UPPER 30-36" OF THE SOIL. OF THOSE THE MAJORITY OF THE ROOTS THAT SUPPLY THE NUTRIENTS AND WATER TO THE TREE ARE FOUND IN THE UPPERMOST LAYER, JUST BELOW THE SOIL SURFACE. THE TOTAL AMOUNT OF A TREE'S ROOTS ARE GENERALLY PROPORTIONAL TO VOLUME OF THE TREE CANOPY. THEREFORE IF THE ROOTS ONLY PENETRATE A THIN LAYER OF SOIL THEN THE ROOTS MUST SPREAD FAR FROM THE TREE BEYOND THE LIMITS OF THE CANOPY. ROOTS ARE VITAL TO THE FUNCTION OF ANY TREE.

THE RADIUS OF THE CRITICAL ROOT ZONE IS TO BE CALCULATED BY PROVIDING 1.5' OF RADIUS FOR EVERY 1" OF DBH. THE DBH IS THE CALIPER DIAMETER OF THE TREE AT 4' FROM THE GROUND.

CONSTRUCTION ACTIVITIES ARE TO BE AVOIDED IN THE CRITICAL ROOT ZONE. CONSTRUCTION ACTIVITIES THAT ARE REQUIRED WITHIN THIS ZONE ARE TO BE DONE WITH HAND EQUIPMENT AND NO ROOT GREATER THAN 2" IN DIAMETER IS TO BE CUT PRIOR TO APPROVAL OF AN ARBORIST.

ALL TRENCHING REQUIRED WITHIN THE ROOT ZONE IS TO BE DONE BY AIR SPADE.

FENCE IS TO BE MAINTAINED BY CONTRACTOR THROUGHOUT THE EXTENT OF CONSTRUCTION.

NO EQUIPMENT IS TO BE STORED OR STAGED WITHIN THE CRITICAL ROOT ZONE.

NO CHEMICAL STORAGE, WASHING OF PAINT OR OTHER CHEMICALS IS ALLOWED WITHIN THE CRITICAL ROOT ZONE.

PRINT DATES:

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Lee Petty
7/06/2026

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PEAK land design

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THE BOYS AND GIRLS CLUB OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **261-B&G CLUB**
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REVISIONS:

LA-001
TREE PROTECTION DETAILS

GENERAL CONSTRUCTION NOTES

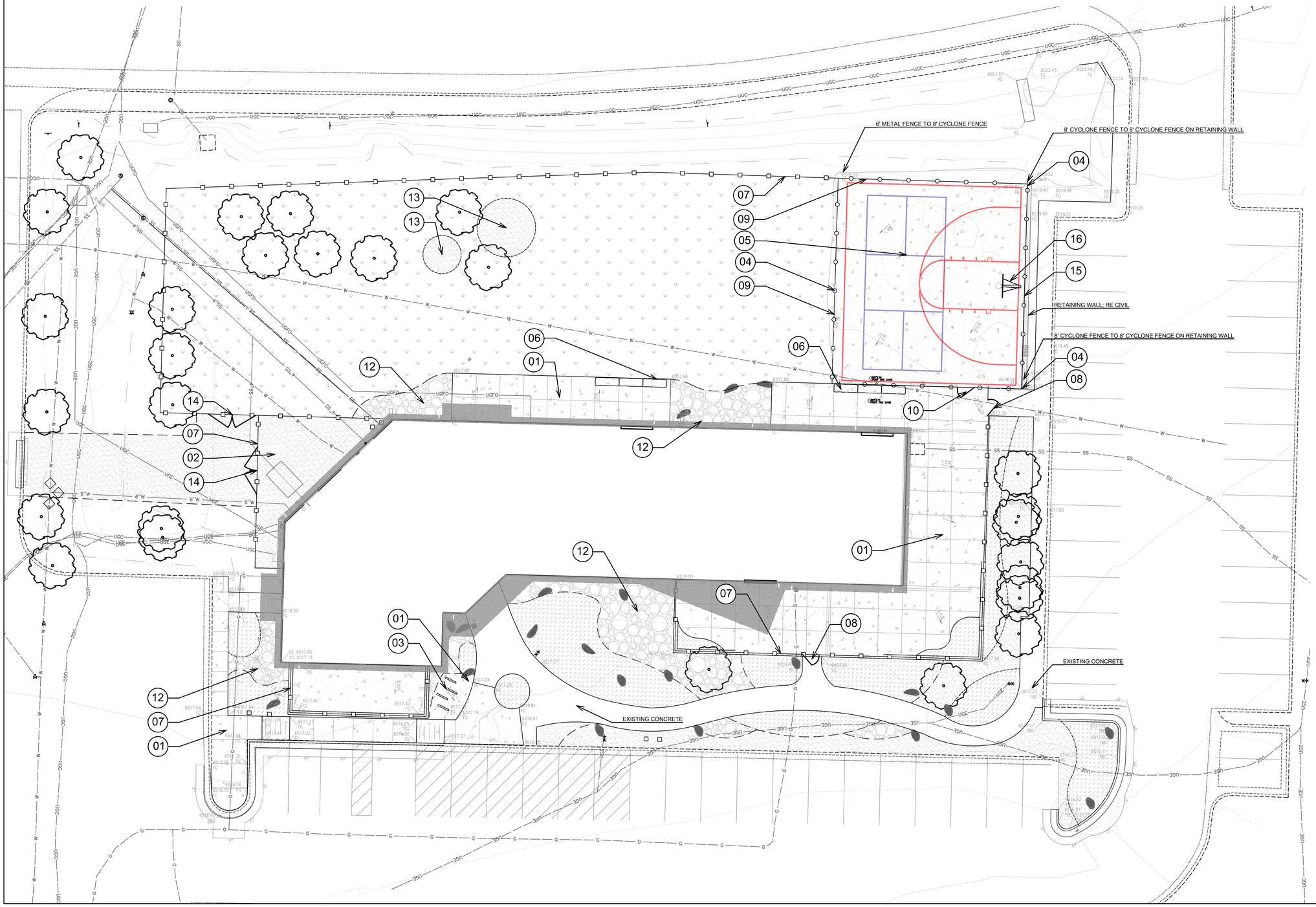
1. ADA COMPLIANCE FOR CONCRETE WORK
   - ALL CONCRETE FLATWORK, INCLUDING SIDEWALKS, RAMPS, AND ACCESSIBLE PATHS, SHALL CONFORM TO CURRENT AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS:
   - MAXIMUM RUNNING SLOPE: 5.0% (1:20)
   - MAXIMUM CROSS SLOPE: 2.0% (1:50)
   - CONTRACTOR SHALL ENSURE ALL ACCESSIBLE SURFACES ARE SMOOTH, CONTINUOUS, AND FREE OF ABRUPT CHANGES IN LEVEL GREATER THAN 1/4 INCH UNLESS BEVELED AS REQUIRED.
2. CONCRETE STANDARDS AND INSPECTION
   - ALL CONCRETE SHALL BE A MINIMUM 4,000 PSI COMPRESSIVE STRENGTH AND REINFORCED WITH REBAR AS IDICATED ON THE PLANS OR AS REQUIRED BY STRUCTURAL SPECIFICATIONS.
   - FORMWORK SHALL BE INSPECTED AND APPROVED BY THE OWNER'S REPRESENTATIVE OR ENGINEER PRIOR TO CONCRETE PLACEMENT.
   - ALL EXPANSION JOINTS TO BE SEALED WITH SILKAFLEX 1CLS JOINT SEALER OR APPROVED EQUAL PER MANUFACTURER INSTRUCTIONS. ALL JOINTS SHALL BE CLEANED OF DUST AND DEBRIS PRIOR TO INSTALLATION OF SEALER.
   - EXPANSION JOINTS SHALL BE AT ALL COLD JOINTS AND AT MINIMUM 20' O.C.
3. TOPSOIL MANAGEMENT
   - CONTRACTOR SHALL STOCKPILE ALL TOPSOIL ON SITE DURING INITIAL SITE PREPARATION. UPON COMPLETION OF HARDSCAPE CONSTRUCTION, TOPSOIL SHALL BE REINSTALLED AND GRADED IN ACCORDANCE WITH THE LANDSCAPE OR RESTORATION PLANS.
   - TOPSOIL SHOWN AT EDGE OF WALK IS TO BE WHEEL COMPACTED AND LEFT AT A LEVEL FLUSH WITH THE TOP EDGE OF THE CONCRETE.

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	QTY
	5" CONCRETE	7,197 sf
	CRUSHERFINES	3,157 sf
	PLANTING BED	2,366 sf
	4-6" RIVER COBBLE	1,504 sf
	GRASS	
	BOULDER B MIN, SIZE: 12" L X 12" W x 12" H MAX, SIZE: 18" L X 18" W x 18" H	
	LANDSCAPE EDGING - CURV-RITE EDGING 1/8" X 4" BRONZE	

CALLOUTS

1	5" CONCRETE SIDEWALK WITH LIGHT BROOM FINISH; RE CIVIL
2	4" STABILIZED CRUSHERFINES; RE 01/L201
3	BIKE RACK; RE 05/L201
4	4" O.D. POST; RE 04/L202, RE STRUCTURAL FOR POST SIZING
5	BASKETBALL COURT; RE 01/L202
6	SANDSTONE BOULDER SEATWALL; RE 08/L201
7	6' METAL RAIL FENCE; RE 10/L201
8	6' METAL RAIL GATE WITH CARD READER; RE 04/L201
9	8' CYCLONE FENCE; RE 07L202
10	8' CYCLONE GATE; RE 08/L202
11	NOT USED
12	4-6" RIVER COBBLE; RE 11/L201
13	TEE PEE PAD 4" CRUSHER FINES
14	6' METAL RAIL DOUBLE GATE; RE 09/L201
15	8' CYCLONE FENCE ON CONCRETE RETAINING WALL; RE 05/L202
16	GOALRILLA BASKETBALL GOAL; RE 02/L202



SCALE 1"=10'-0"

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08/31/2026

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ME&E ENGINEERING

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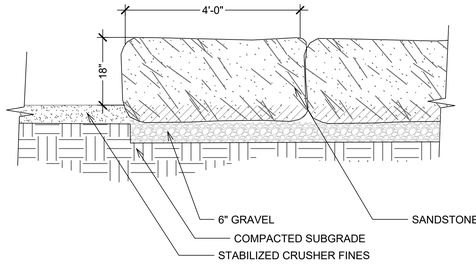
ISSUE RECORD:
SD PHASE 2026-02-06
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REVISIONS:

LA-101

MATERIAL & LAYOUT PLAN

PRINT DATE:

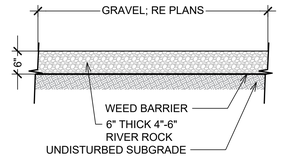


NOTE:
SANDSTONE TO BE 1.5'W X 2'H X 4'L MIN. AS AVAILABLE AT KW ENTERPRISES OR APPROVED EQUAL.

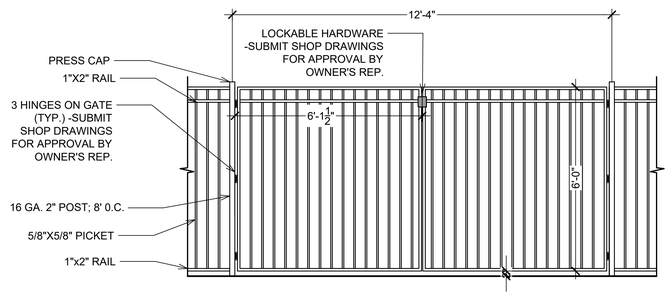
CREATE SMALL SWALE BEHIND SLAB TO DIRECT DRAINAGE AWAY FROM SLAB.

09 SANDSTONE SEATWALL
3/4" = 1' SECTION

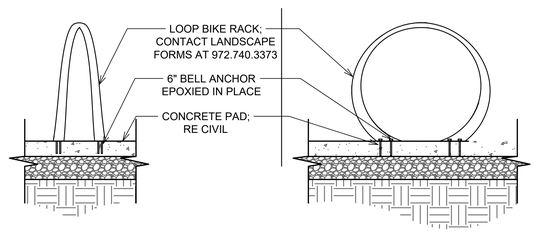
NOT USED



03 4-6" RIVER COBBLE
3/4" = 1' SECTION

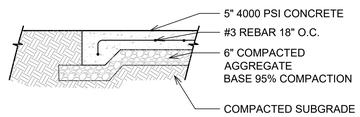


08 6' METAL RAIL DOUBLE GATE
3/4" = 1' SECTION



05 LOOP BIKE RACK BY LANDSCAPE FORMS
1/2" = 1' SECTION

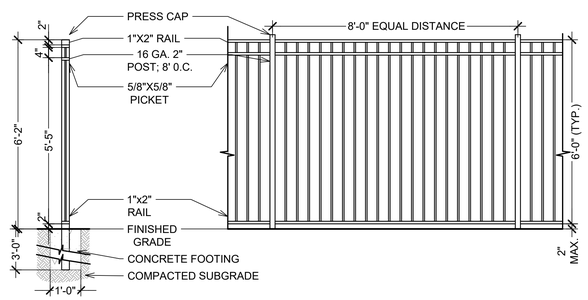
RE: PLANS FOR INTEGRAL COLOR.



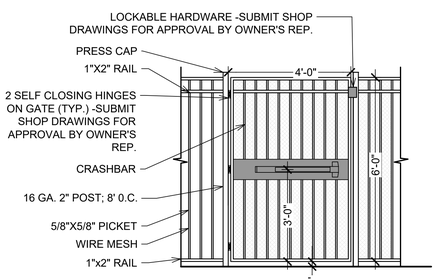
02 5" CONCRETE WALK
3/4" = 1' SECTION

FENCE NOTES:

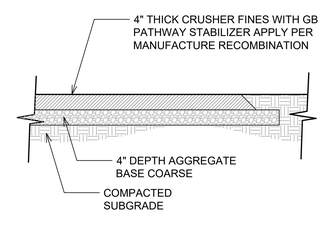
1. FENCE TO BE MONTAGE PLUS FENCE PANELS AS MANUFACTURED BY AMERISTAR. CONTACT (888) 333-3422
2. COLOR TO BE HIGH GLOSS BLACK.
3. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO ORDERING.



07 6' METAL RAIL FENCE
3/4" = 1' SECTION



04 6' METAL RAIL FENCE
3/4" = 1' SECTION



01 CRUSHER FINES
3/4" = 1' SECTION

PRINT DATE:

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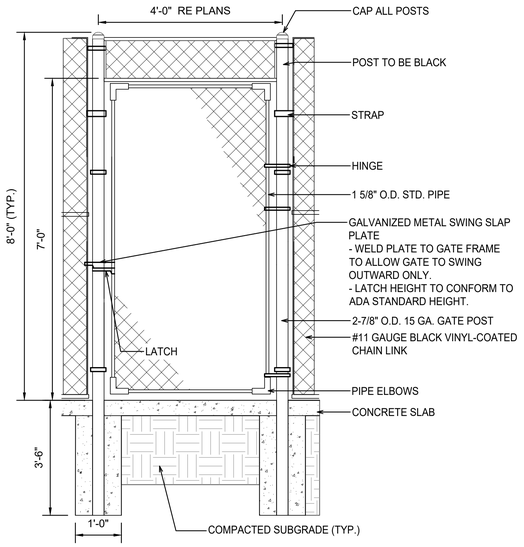
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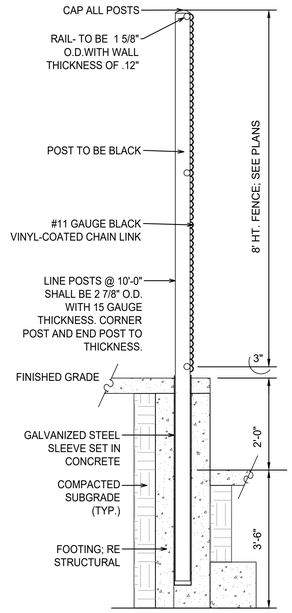
ISSUE RECORD:
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REVISIONS:

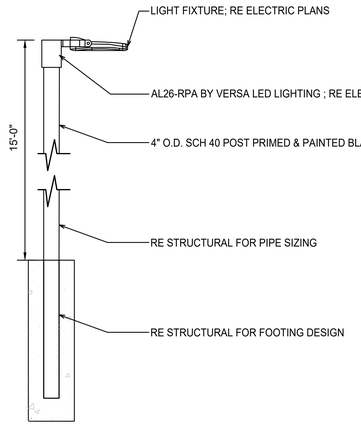
LA-201
SITE DETAILS



08 BASKETBALL FENCE
3/4" = 1' SECTION



05 BASKETBALL FENCE IN RETAINING WALL
3/4" = 1' SECTION



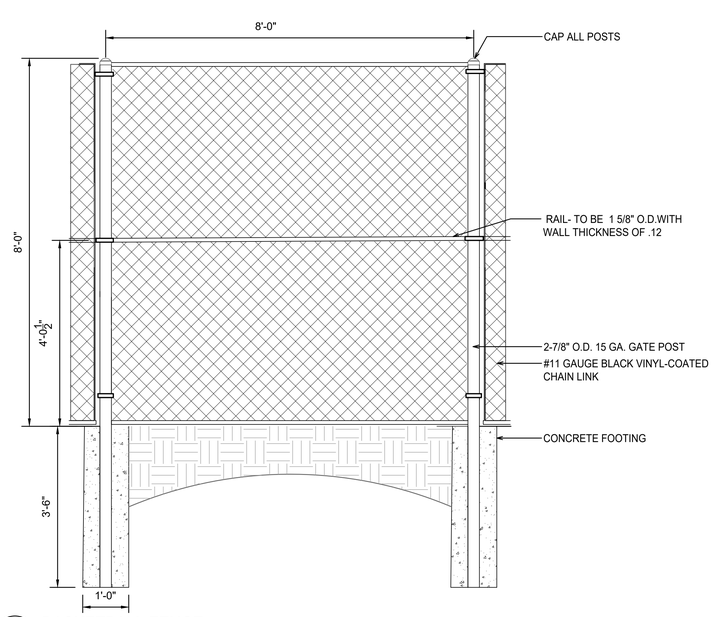
04 4" O.D. POST FOR LIGHT FIXTURE
3/4" = 1' SECTION

NOTES

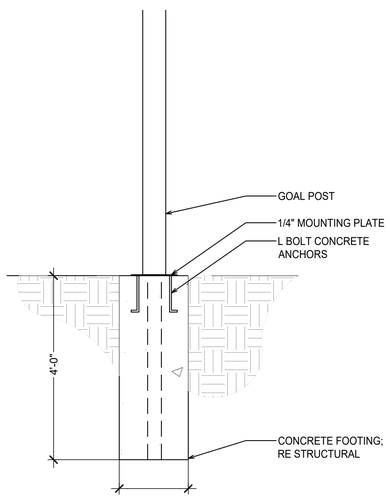
SOURCE:
HTTPS://WWW.GOALRILLA.COM/PRODUCTS/GOALRILLA-CV-72-INCH-IN-GROUND-ADJUSTABLE-HEIGHT-BASKETBALL-HOOP
PHONE:
1-800-467-1421
MODEL:
GOALRILLA CV72 BAKSKETBALL GOAL



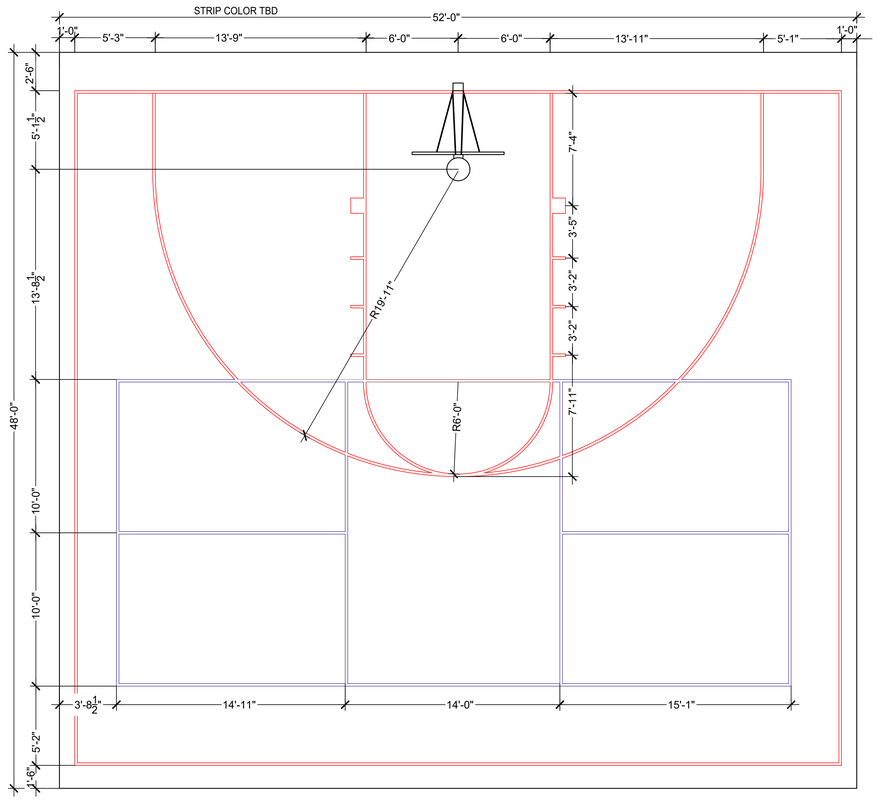
02 GOALRILLA CV72 GOAL
3/4" = 1' SECTION



07 BASKETBALL FENCE
3/4" = 1' SECTION



03 GOALRILLA CV72 GOAL FOOTING
3/4" = 1' SECTION



01 BASKETBALL COURT STRIPPING
3/4" = 1' SECTION

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08/31/2026

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REVISIONS:

LA-202
SITE DETAILS

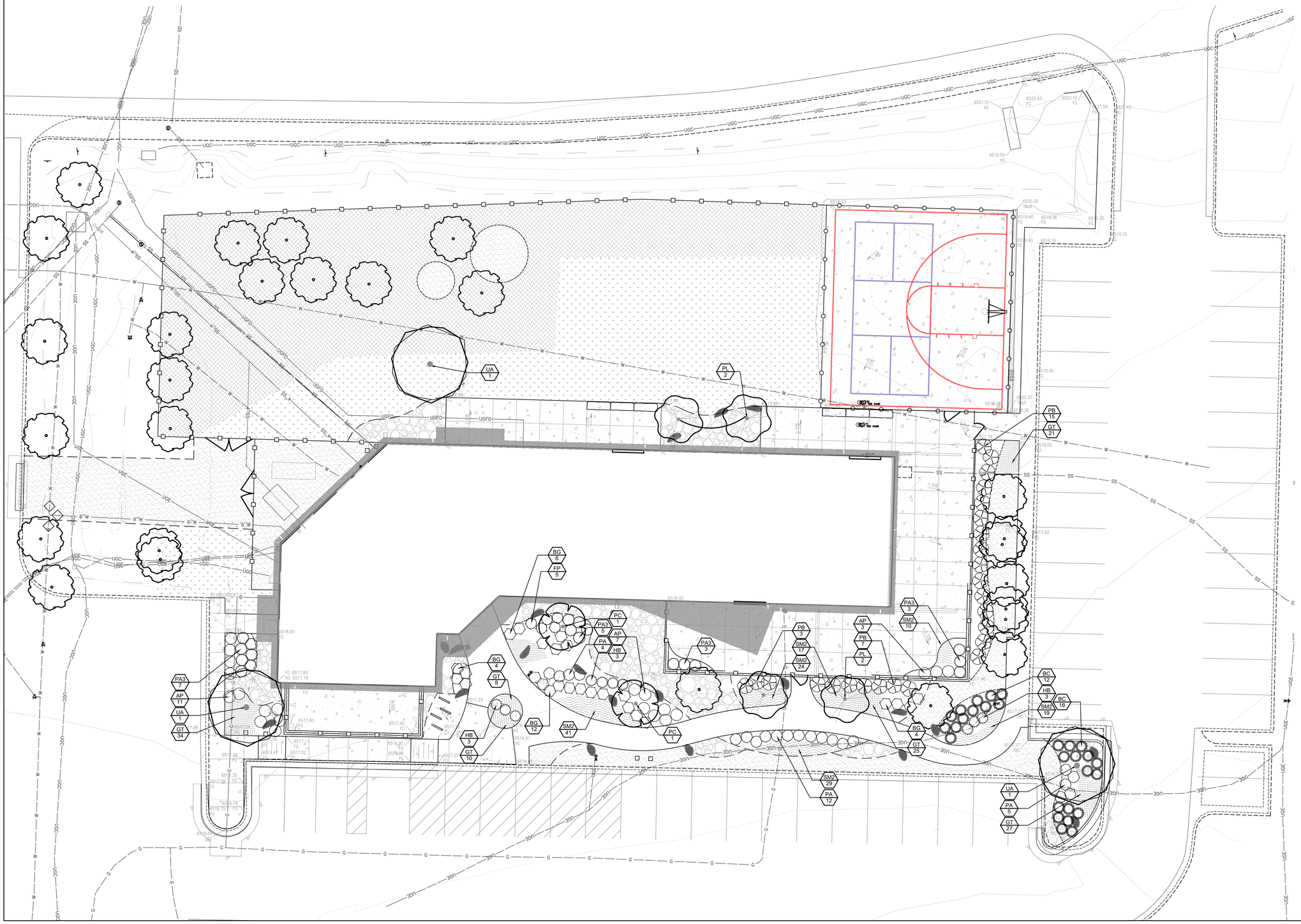
PRINT DATE:

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME
DECIDUOUS TREES		
	UA	Ulmus x 'Morton' / Accolade™ Elm
FLOWERING TREES		
	PC	Prunus virginiana 'Canada Red' / Canada Red Chokecherry
	PL	Pyrus calleryana 'Chanticleer' / Chanticleer Callery Pear

SYMBOL	CODE	BOTANICAL / COMMON NAME
SHRUBS		
	AP	Arctostaphylos x coloradensis 'Panchito' / Panchito Manzanita
	FP	Fallugia paradoxa / Canyon Plume
	HB	Hesperaloe parviflora 'Perpa' / Brakelights® Red Yucca
	PA3	Perovskia abrotanoides / Russian Sage
	PA	Potentilla alba / White Cinquefoil
	PB	Prunus pumila besseyi / Western Sand Cherry
GRASSES		
	BC	Bouteloua curtipendula / Side Oats Grama
	BG	Bouteloua gracilis / Blue Grama Grass

SYMBOL	CODE	BOTANICAL / COMMON NAME
GROUND COVERS		
	GT	Gaillardia amblyodon / Red Indian Blanket
	PP2	Poa pratensis / Kentucky Bluegrass
	PP	Poa pratensis / Kentucky Bluegrass SOD
	SM2	Salvia nemorosa 'Mainacht' / Maynight Meadow Sage



PRINT DATE:

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LEE N. PETTY
1158
03/16/2016
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STATE OF COLORADO
LICENSED LANDSCAPE ARCHITECT
08/31/2026

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PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB OF THE SOUTHERN UTE INDIAN TRIBE

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IGNACIO, CO 81137

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DRAWN BY: **LH**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

LA-301
PLANTING PLAN

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	CONTAINER	CALIPER	HEIGHT	QTY
DECIDUOUS TREES						
	UA	Ulmus x 'Morton' / Accolade™ Elm	B&B	2.5" Cal	12' Ht	3
FLOWERING TREES						
	PC	Prunus virginiana 'Canada Red' / Canada Red Chokecherry	B&B	2.5" Cal	10' Ht	2
	PL	Pyrus calleryana 'Chanticleer' / Chanticleer Callery Pear	B&B	2.5" Cal	10' Ht	4
SYMBOL	**CODE**	**BOTANICAL / COMMON NAME**	**CONTAINER**		**HEIGHT**	**QTY**
SHRUBS						
	AP	Arctostaphylos x coloradensis 'Panchito' / Panchito Manzanita	5 gal.		5` Ht.	21
	FP	Fallugia paradoxa / Canyon Plume	5 gal.		4` Ht.	5
	HB	Hesperaloe parviflora 'Perpa' / Brakelights® Red Yucca	5 gal.		3` Ht.	10
	PA3	Perovskia abrotanoides / Russian Sage	5 gal.		4` Ht.	18
	PA	Potentilla alba / White Cinquefoil	5 gal.		4` Ht.	21
	PB	Prunus pumila besseyi / Western Sand Cherry	5 gal.		4` Ht.	25
GRASSES						
	BC	Bouteloua curtipendula / Side Oats Grama	1 gal.		2` Ht.	28
	BG	Bouteloua gracilis / Blue Grama Grass	1 gal.		2` Ht.	26
SYMBOL	**CODE**	**BOTANICAL / COMMON NAME**	**CONTAINER**		**SPACING**	**QTY**
GROUND COVERS						
	GT	Gaillardia amblyodon / Red Indian Blanket	1 gal.		18" o.c.	146
	PP2	Poa pratensis / Kentucky Bluegrass	seed			5,074 sf
	PP	Poa pratensis / Kentucky Bluegrass SOD	sod			4,341 sf
	SM2	Salvia nemorosa 'Mainacht' / Maynight Meadow Sage	1 gal.		18" o.c.	140

PLANTING NOTES

1. PLANT CALIPER AND CONTAINER SIZE SHALL BE IN CONFORMANCE WITH NURSERY STANDARDS.
2. THE CONTRACTOR SHALL FOLLOW THE LANDSCAPE PLAN. ANY DISCREPANCIES BETWEEN THE PLAN AND FIELD CONDITIONS SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES BEFORE WORK BEGINS.
4. IF THERE ARE CONFLICTS BETWEEN UTILITIES AND PLANTINGS THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT.
5. FIELD STAKE TREE LOCATIONS FOR REVIEW BY LANDSCAPE ARCHITECT. TREES SHALL BE A MINIMUM OF 10' FROM ALL UTILITIES. LOCATIONS OF TREES TO BE STAKED AND REVIEWED BY LANDSCAPE ARCHITECT.
6. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT 48 HOURS PRIOR TO PLANT MATERIAL BEING DELIVERED TO THE SITE.
7. NOTIFY LANDSCAPE ARCHITECT FOR INSPECTION AND/OR APPROVAL OF LANDSCAPE MATERIALS AND IRRIGATION PRODUCTS PRIOR TO INSTALLATION.
8. FIELD ADJUST PLANTINGS FOR TRANSFORMERS, CURB CUTS, AND OTHER FUTURE IMPROVEMENTS. STAKE LOCATIONS FOR APPROVAL BY LANDSCAPE ARCHITECT.
9. IF THERE IS A DISCREPANCY BETWEEN THE PLANT COUNTS ON THE CALL-OUTS ON THE PLANS & THE ACTUAL NUMBER OF PLANTS DEPICTED ON THE PLANS, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING THE ACTUAL NUMBER OF PLANTS AS DEPICTED ON THE PLANS.
10. ALL AREAS DISTURBED OUTSIDE THE ORIGINAL GRADING/SEEDING LIMITS, SHOWN ON DRAWING, TO BE REGRADED, RESEEDED AND REPAIRED AS APPROPRIATE AT CONTRACTOR'S EXPENSE.
11. THE CONTRACTOR SHALL WARRANTY ALL PLANT MATERIAL TO BE IN HEALTHY CONDITION FOR A PERIOD OF 1 YEARS. IRRIGATION SYSTEM SHALL HAVE A WARRANTY PERIOD OF 1 YEAR FOLLOWING FINAL ACCEPTANCE.
12. ALL PLANTING AREAS TO RECEIVE 6" OF TOPSOIL.
13. ALL FLOWER BEDS TO RECEIVE 4" OF CRUSHER FINES ON WEED BARRIER.

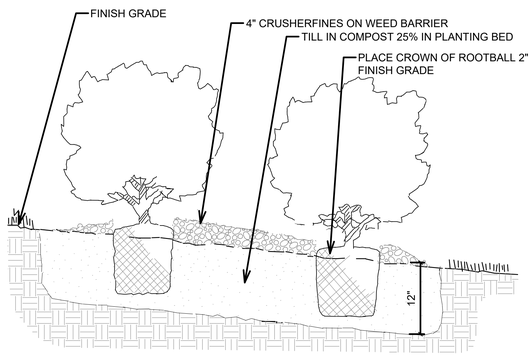
SOIL AND SEEDING NOTES

SOIL PREPARATION:

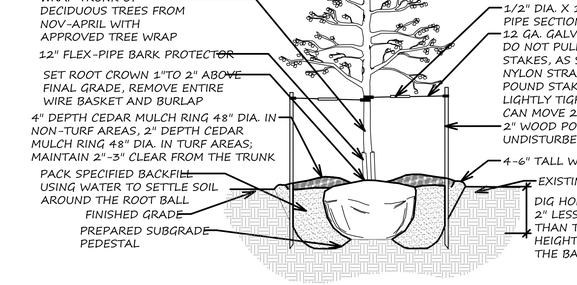
- TOPSOIL SHOULD BE GOOD CLEAN ORGANIC SOIL, FREE OF WEEDS AND ROCKS.
- MINIMUM TOP SOIL REQUIREMENTS ARE 4" IN DEPTH IN ALL PLANTING AREAS. CONTRACTOR TO PROVIDE SOURCE FOR SOIL PRIOR TO PLACEMENT.
- ALL EXISTING GRAVELS OR ROAD BASE ARE TO BE REMOVED TO 18" DEEP PRIOR TO IMPORT OF TOP SOIL.
- PROVIDE 25% COMPOST IN ALL FLOWER BEDS

SEEDING PROCEDURE - BOTH MIXES

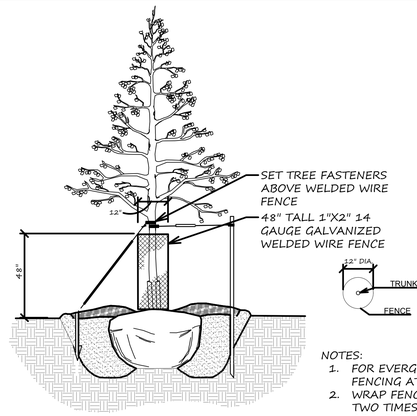
- ALL DISTURBED AREAS ARE TO BE REVEGETATED, INCLUDING ALL UTILITY TRENCHES. RE PLANS FOR REVEGETATION.
- APPLY HUMATE AT A RATE OF 350 LBS/.ACRE. APPLY PER MANUFACTURER RECOMMENDATIONS.
- APPLY BIOSOL AT A RATE OF 1,000 LBS./ACRE/ APPLY PER MANUFACTURER'S RECOMMENDATIONS
- INSTALL HYDROMULCH WITH TACKIFIER AND SEED AT THE RATE PROVIDED. HYDRAULIC MULCHING EQUIPMENT SHALL INCLUDE A PUMP CAPABLE OF BEING OPERATED AT 100 GALLONS PER MINUTE AND 100 POINTS PER SQUARE INCH PRESSURE, UNLESS OTHERWISE DIRECTED. THE EQUIPMENT SHALL HAVE AN ACCEPTABLE PRESSURE GAUGE AND NOZZLE ADAPTABLE TO HYDRAULIC MULCHING REQUIREMENTS. STORAGE TANKS SHALL HAVE A MEANS OF AGITATION AND A MEANS OF ESTIMATING THE VOLUME USED OR REMAINING IN THE TANK. AS REQUIRED, CELLULOSE FIBER MULCH SHALL BE ADDED WITH THE PROPORTIONATE QUANTITIES OF WATER IN THE SLURRY TANK. ALL INGREDIENTS SHALL BE MIXED TO FORM A HOMOGENOUS SLURRY. USING THE COLOR OF THE MULCH AS A METERING AGENT, THE OPERATOR SHALL SPRAY-APPLY THE SLURRY MIXTURE UNIFORMLY OVER THE DESIGNATED SEEDED AREAS. WOOD CELLULOSE FIBER MULCH SHALL BE APPLIED AT THE RATE OF 2000 LBS PER ACRE FOR SEED AREAS. HYDRAULIC MULCHING SHALL NOT BE DONE IN THE PRESENCE OF FREE WATER RESULTING FROM RAINS, MELTING SNOW OR OTHER CAUSES. CLEAN ALL EXCESS HYDROMULCH OVER-SPRAY FROM BUILDINGS, SIDEWALKS, SITE FURNISHINGS, ETC. AS SOON AS POSSIBLE. TACKIFIER TO BE PT-TAC PLANTAGO TACKIFIER APPLIED AT 100 LBS PER ACRE.
- PROTECT SEEDED SLOPES EXCEEDING 3:1 AGAINST EROSION WITH EROSION CONTROL BLANKETS INSTALLED AND STAPLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- SEEDING TO BE DONE AT PROJECT COMPLETION. SEEDING TO BE APPROVED BY OWNER REPRESENTATIVE PRIOR TO APPLICATION OF HYDRO-MULCH.
- SATISFACTORY ESTABLISHMENT: SATISFACTORY ESTABLISHMENT SHALL BE ACHIEVED WHEN ALL SEEDED AREAS HAVE A FULL, HEALTHY STAND OF PLANTS ESTABLISHED WITH A MINIMUM OF 70% COVERAGE AND NO BARE SPOTS GREATER THAN ONE (1) SQUARE FOOT, AND LESS THAN 5% WEEDS ARE PRESENT.
- RESEEDING OPERATIONS/CORRECTIVE STABILIZATION: PRIOR TO FINAL ACCEPTANCE:
  - CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHMENT OF SEED UNTIL SATISFACTORY ESTABLISHMENT IS ACHIEVED AND APPROVED BY THE CITY LANDSCAPE ARCHITECT. ESTABLISHMENT BY THE CONTRACTOR SHALL INCLUDE RESEEDING, REMULCHING, MAINTENANCE, IRRIGATION, FENCING (FOR PROTECTION OF SEEDED AREAS ON FIELD) TO ESTABLISH A HEALTHY STAND OF TURF WITHIN THE DISTURBED AREAS.
  - THE SEEDED AREAS SHALL BE REVIEWED DURING THE 14 DAY INSPECTIONS OF THE SWMP BY THE EROSION CONTROL SUPERVISOR FOR BARE SOILS CAUSED BY SURFACE OR WIND EROSION. BARE AREAS CAUSED BY GULLY SURFACE EROSION, BLOWN AWAY MULCH, ETC. SHALL BE REGRADED, SEEDED, MULCHED AND HAVE HYDROMULCH TACKIFIER APPLIED AS NECESSARY.
  - AREAS WHERE SEED HAS NOT GERMINATED SHALL HAVE SEED, MULCH AND HYDROMULCH TACKIFIER.
  - CONTRACTOR SHALL MAINTAIN SEEDING/HYDROMULCH TACKIFIER, OR APPLY HERBICIDE TO CONTROL WEEDS IN THE SEEDED AREAS UNTIL FINAL ACCEPTANCE.



01 TREE PROTECTION FENCING
NTS



01 TREE PROTECTION FENCING
NTS

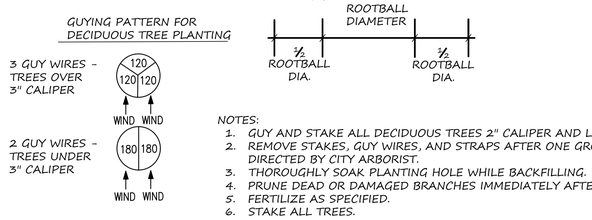


WILDLIFE FENCING 10:1 AND LESS SLOPE

NOTES:
1. FOR EVERGREEN TREES, WRAP FENCING AT DRIP LINE OF TREE.
2. WRAP FENCING AROUND TREE TWO TIMES FOR FUTURE ADJUSTMENT CAPABILITY. SECURE WITH WIRE.

01 TREE PROTECTION FENCING
NTS

GUYING PATTERN FOR DECIDUOUS TREE PLANTING



NOTES:
1. GUY AND STAKE ALL DECIDUOUS TREES 2" CALIPER AND LARGER.
2. REMOVE STAKES, GUY WIRES, AND STRAPS AFTER ONE GROWING SEASON OR AS DIRECTED BY CITY ARBORIST.
3. THOROUGHLY SOAK PLANTING HOLE WHILE BACKFILLING.
4. PRUNE DEAD OR DAMAGED BRANCHES IMMEDIATELY AFTER PLANTING.
5. FERTILIZE AS SPECIFIED.
6. STAKE ALL TREES.

01 TREE PROTECTION FENCING
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REVISIONS:

LA-302
PLANTING DETAILS

NOTES

1. ALL 24 VOLT LEAD AND COMMON VALVE WIRING SHALL BE A MINIMUM OF UV-14 GA SINGLE CONDUCTOR. WIRE SPLICES SHALL BE 3M-DBY PERMANENT AND WATERPROOF.

2. INSTALLATION OF IRRIGATION SYSTEM TO BE COORDINATED WITH INSTALL OF ALL PLANT MATERIAL TO ENSURE ALL PLANTS WILL BE WATERED AS NECESSARY

3. LATERAL PIPING TO HAVE A MINIMUM OF 12" OF COVER. ALL BACKFILL MATERIAL TO BE FREE OF ROCK LARGER THAN 1". IN THE EVENT THE BOTTOM OF THE TRENCH IS ROCK, 3" OF CLEAN TOP SOIL IS TO BE INSTALLED UNDER THE PIPING.

4. IRRIGATION PLAN IS DIAGRAMMATIC BY NATURE AND IT IS THE IRRIGATION CONTRACTORS RESPONSIBILITY TO ENSURE PROPER COVERAGE AND INSTALLATION OF THE SYSTEM.

5. THIS IS A MODIFICATION TO AN EXISTING SYSTEM. IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT EXISTING IRRIGATION WIRES, MAIN LINE AND LATERAL THROUGHOUT CONSTRUCTION. ALL CAPPING OF EXISTING IRRIGATION THAT IS TO BE ABANDONED IS TO BE CAPPED OUTSIDE OF CONCRETE IN LANDSCAPE AREAS. ALL MODIFICATIONS TO BE RECORDED ON ONSITE AS BUILT. FINAL SYSTEM TO BE FULLY OPERATIONAL WITH HEAD TO HEAD COVERAGE.

6. CONTRACTOR TO CONFIRM EXISTING IRRIGATION MODIFICATIONS PRIOR TO SITEWORK COMMENCING TO CONFIRM THE SYSTEM WILL REMAIN OPERATIONAL AT COMPLETION. POT HOLING TO BE CONDUCTED TO CONFIRM MAINLINE AND WIRE LOCATION.

7. IT IS THE CONTRACTORS RESPONSIBILITY TO CALL DIG TEST 72 HOURS PRIOR TO THE START OF CONSTRUCTION

8. INSTALL REMOTE CONTROL VALVES IN 12" ROUND PENTEK OR APPROVED EQUAL VALVE BOX

9. ALL DRIP ZONES TO BE INSTALL IN 12"X17" BOXES

10. ALL DRIP IRRIGATION LATERAL LINES TO BE CLASS 200 PVC 1 1/4".

10. CONTRACTOR TO CONTACT LANDSCAPE ARCHITECT WITH ANY QUESTIONS

REPAIR ALL IRRIGATION LATERALS WHEN INSTALLING UTILITIES

RELOCATE ALL EXISTING HEADS IN CONFLICT WITH CONCRETE PAVING. ENSURE ALL CAPS OF LATERALS ARE OUTSIDE OF CONCRETE PAVEMENT

RELOCATE EXISTING MAINLINE OUTSIDE OF CONCRETE WITH NEW PIPE AND NEW WIRING

QUICK CONNECT

3 EXISTING VALVES TO REMAIN.

RELOCATE 3 EXISTING VALVES AND MAINLINE; TIE INTO EXISTING LATERALS FOR EXISTING ROTOR IRRIGATION.

18 - ALL EXISTING ROTORS TO BE REPLACED. NEW RISERS AND HEADS

EXISTING IRRIGATION TO REMAIN OPERATIONAL

CAP ANY IRRIGATION THAT IS WITHIN CRUSHERFINES REROUTE AS NECESSARY

1 - 4" SLEEVE

ABANDON EXISTING MAINLINE IN PLACE

RELOCATE ALL EXISTING HEADS IN CONFLICT WITH CONCRETE PAVING. ENSURE ALL CAPS OF LATERALS ARE OUTSIDE OF CONCRETE PAVEMENT

RAIN FREEZE SENSOR

POINT OF CONNECTION

CONTROLLER

BORE UNDER WALK

ESTIMATED LOCATION OF EXISTING MAINLINE. POTHOLE TO CONFIRM LOCATION.

BORE UNDER WALK

BORE UNDER WALK

EXISTING VALVE BOX; PROTECT BOX AND WIRE SPLICE BOX. INSTALL DRYCON FITTINGS ON ALL SPLICES UTILIZE EXISTING WIRE SPLICE BOX FOR NEW WIRE CONNECTION.

CAP ALL IRRIGATION OUTSIDE UNDER PROPOSED CONCRETE

2 - 4" SLEEVES

2 - 4" SLEEVES

BORE UNDER WALK

RELOCATE EXISTING MAINLINE TO THIS LOCATION. NEW PIPE AND NEW WIRE

#1 1"CZV 23.2

#2 1"CZV 17.0

REMOVE AND REPLACE 2 EXISTING VALVES WITH CONTROL ZONE KITS. ABANDON LATERALS AT VALVES AND INSTALL NEW LATERALS FOR DRIP IRRIGATION. UTILIZE EXISTING WIRES FOR CONNECTION TO CONTROLLER. INSTALLER PER DETAILS.

0 5 10 20

SCALE 1"=10'-0"

PRINT DATE:

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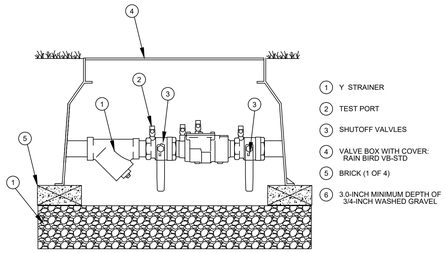
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REVISIONS:

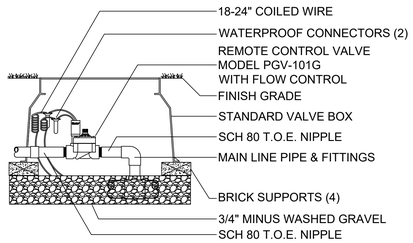
LA-401
IRRIGATION PLAN

LEGEND

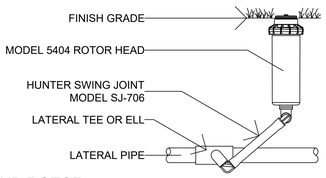
SYMBOL	DESCRIPTION	MANUFACTURER	MODEL NO.
	ROTOR	RAINBIRD	5004 WITH #3 NOZZLE
	REMOTE CONTROL VALVE CONTROL ZONE KIT	RAINBIRD RAINBIRD	PGV VALVE; RE: PLANS FOR LOCATION AND SIZE XCZ-PRB-100-COM 1"; RE PLANS FOR LOCATION THIS TO BE USED ON ALL DRIP IRR. ZONES
W	BACKFLOW PREVENTOR	FEBCO	825Y 1.5"
	QUICK CONNECT	RAINBIRD	44-NP
	SLEEVE		4" PVC SCH 40 MAINLINE
	MAINLINE		1.5" PVC SCH 40 MAINLINE
	LATERAL LINE		CLASS 200 PVC; REFER TO PLANS FOR SIZE
	DRIP IRRIGATION	NETAFIM	.9 GPH TECHLINE 12" SPACING
C	CONTROLLER	RAINBIRD	RAIN BIRD ESP-TM2 12 STATION WIFI INDOOR/OUTDOOR CONTROLLER | TM2-12-LNKWIFI
RF	RAIN FREEZE SENSOR	RAINBIRD	RAIN/FREEZE CLIK SENSOR



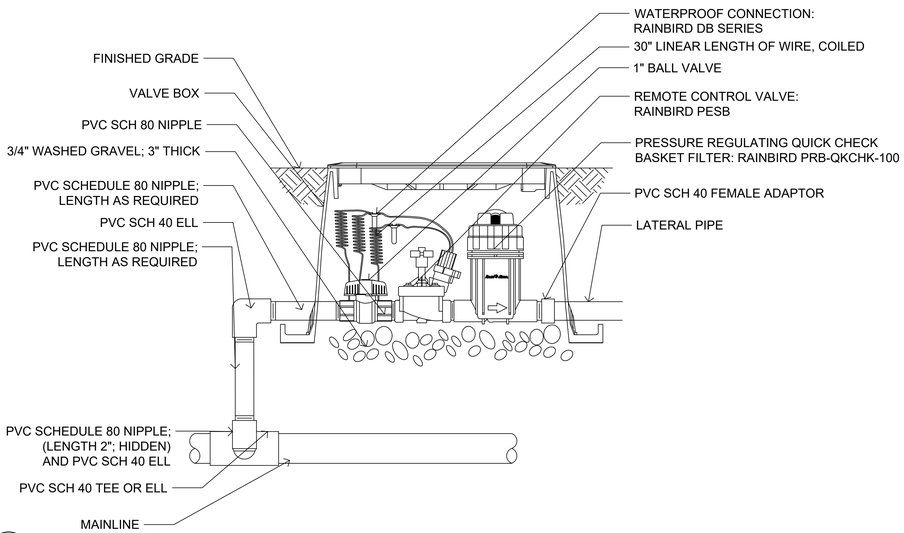
09 DOUBLE: CHECK VALVE
NTS



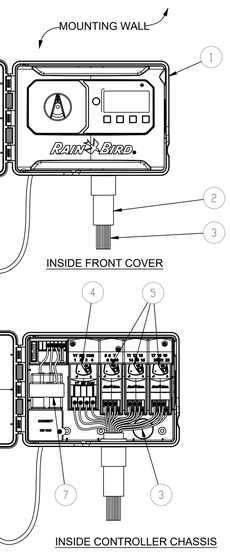
08 IRRIGATION VALVE
NTS



08 POP UP ROTOR
NTS



07 CONTROL ZONE KIT
NTS



GENERAL NOTES:

1. MODULAR HYBRID CONTROLLER: RAIN BIRD ESP-ME3 INSIDE WALL MOUNT
2. 1-INCH PVC SCH 40 CONDUIT AND FITTINGS
3. WIRES TO REMOTE CONTROL VALVES
4. STANDARD MODULE FOR 4-STATION CONTOLLERS
5. OPTIONAL MODULES FOR 22-STATION CONTROLLER
6. STANDARD 120 V PLUG
7. 120 VAC, 60 HZ INTERNAL TRANSFORMER

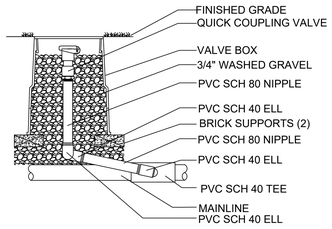
CHOOSING CONTROLLER FEATURES

SELECTING THE MODEL
TO SELECT THE DESIRED MODEL
TURN ON ONE OF THE FOLLOWING LAYERS

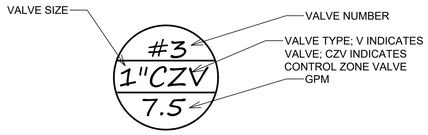
OPTION-4-STATION
OPTION-7-STATION
OPTION-10-STATION
OPTION-13-STATION
OPTION-16-STATION
OPTION-19-STATION
OPTION-22-STATION

TO TURN OFF THIS INSTRUCITON BOX,
TURN OFF LAYER "INSTRUCTION-OPTION".

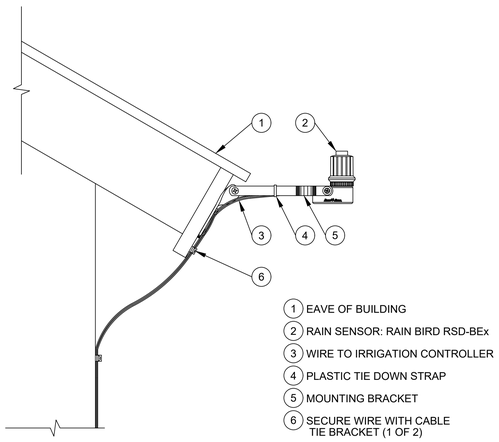
05 CONTROLLER
NTS



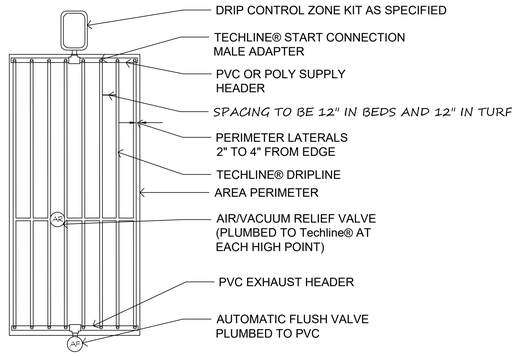
06 QUICK CONNECT VALVE
NTS



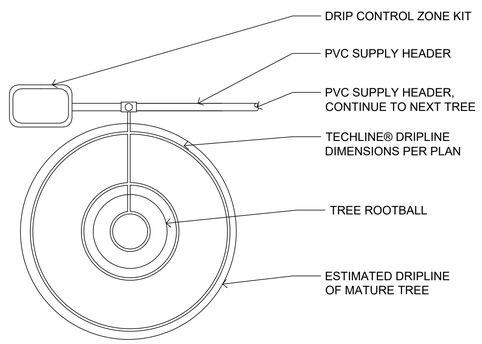
04 VALVE LABEL
NTS



03 RAIN / FREESE SENSOR
NTS



02 DRIP IRRIGATION LAYOUT
NTS



01 DRIP IRRIGATION AT TREES
NTS

PRINT DATE:

REYNOLDS ASH + ASSOCIATES
ARCHITECTURE ENGINEERING

564 E 2nd AVE SUITE 201
DURANGO, CO 81301
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262 PAGOSA STREET, SUITE 200
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(970) 264-6884

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LEE N. PETTY 1158
03/16/2016
Original Date of Licensure
STATE OF COLORADO
LICENSED LANDSCAPE ARCHITECT
08/31/2026

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **261-B&G CLUB**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LH**

ISSUE RECORD:

SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

LA-402
IRRIGATION DETAILS

PROPOSED SITE PLAN KEYNOTES

1	6' TALL PERIMETER FENCE
2	10' TALL FENCE @ BASKETBALL COURT
3	TEE PEE PADS BY OWNER, 12' AND 15' DIAMETER, FOR REFERENCE ONLY
4	MULTI-PURPOSE SPORTCOURT AND BASKETBALL GOAL, REFER TO CIVIL
5	CONCRETE PATIO
6	STONE SEATING REFER TO LANDSCAPING
7	STEEL POST, SEE STRUCTURAL, ALTERNATE #1
8	REMOVABLE SHADE SAIL CANOPY AND POST - ALTERNATE #1
9	CONCRETE SIDEWALK
10	EXISTING CONCRETE SIDEWALK, RE-PURPOSE + PATCH WHERE NECESSARY
11	CONCRETE MECH. PAD, 146" X 63" FOOTPRINT, REFER TO STRUCTURAL
12	EXISTING DUMPSTER TO BE RELOCATED
13	HANDICAP PARKING, REFER TO CIVIL
14	STRIPED PICK-UP AND DROP-OFF ZONE
15	EXISTING TRAIL ACCESS
16	BGC MONUMENT SIGN
17	BUS LOADING ZONE
19	GRAVEL OVER WEED BARRIER, REFER TO LANDSCAPING
20	EXTENT OF NEW CONCRETE, REFER TO CIVIL AND LANDSCAPING
23	FIRE DEPARTMENT CONNECTION
24	ROOF/CANOPY LINE ABOVE
25	PAVED AREA FOR BIKE RACK, SEE LANDSCAPING
26	PLANTER, SEE LANDSCAPING

PROPOSED SITE PLAN KEYNOTES

27	CURB CUT, SEE CIVIL
28	EXISTING FIRE HYDRANT, SEE CIVIL
29	ELECTRICAL PANEL, SEE MEP
30	GREASE INTERCEPTOR BELOW GRADE, SEE MEP
31	GAS METER, SEE MEP
33	EXISTING LIGHT POLE TO REMAIN, SEE ELECTRICAL
34	HOSE BIB, SEE MEP
35	NEW DOWNSPOUT AND SPLASH BLOCK, SEE CIVIL
36	EXISTING FIRE HYDRANT, SEE CIVIL
37	INFILL EXISTING CRAWL SPACE VENT
38	ACTUATOR BOLLARD, REFER TO SITE DETAILS
39	UTILITY YARD ENCLOSURE
40	NEW DOWNSPOUT AND TRENCH DRAIN, REFER TO CIVIL
41	GATE WITH PANIC HARDWARE AND ACCESS CONTROL
42	LARGE DOUBLE GATE WITH PANIC BAR
43	CHAIN LINK GATE, NO HARDWARE
44	8' TALL FENCE @ BASKETBALL COURT
45	BGC BRONZE SIGN

GENERAL SITE PLAN NOTES

A. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK.

B. CONTRACTOR SHALL PROTECT EXISTING TREES AND ALL LAWN AREAS TO REMAIN AS SHOWN.

C. REFER TO CIVIL FOR UTILITY LAYOUT. REFER TO CIVIL FOR DEMOLITION RELATED TO UTILITIES.

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E. CONCRETE PATIOS TO SLOPE AWAY FROM THE BUILDING, REFER TO CIVIL FOR ELEVATIONS AND ADDITIONAL INFORMATION.

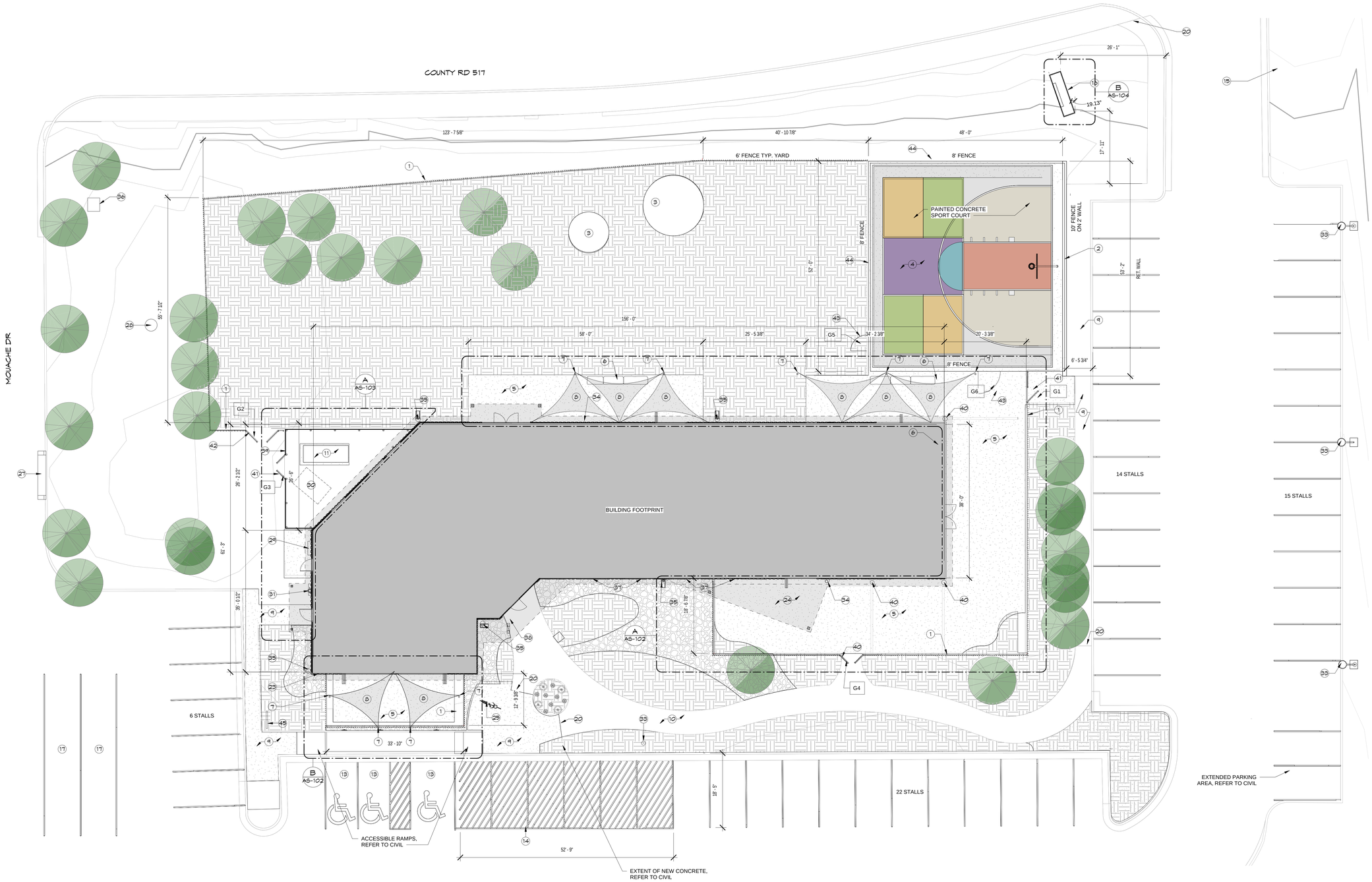
H. MECHANICAL YARD ADJACENT TO BUILDING TO BE 1" GRAVEL WITH LANDSCAPE FABRIC BELOW, METAL EDGING

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K. REFER TO CIVIL FOR ALL NEW PARKING LOT STRIPING, CHANGES TO SIDEWALKS AND AREAS OF NEW CONCRETE.

L. IF ANY WILD BATS ARE FOUND IN AREAS OF WORK, NOTIFY OWNER, RETURN TO BAT HOUSE



NORTH

ARCHITECTURAL SITE PLAN

1" = 10'-0"

A AS-101

REYNOLDS ASH + ASSOCIATES
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STATE OF COLORADO
LOUIS LES RENCHLER
REGISTERED ARCHITECT

8/31/2026 11:00:58 PM

PRINT DATE: 8/31/2026 11:00:58 PM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	**25190**
ISSUE DATE:	**2026-08-31**
DRAWN BY:	**LES**

ISSUE RECORD:

SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

AS-101
ARCHITECTURAL SITE PLAN

0 5' 10' 20'
0 2'

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A. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK.

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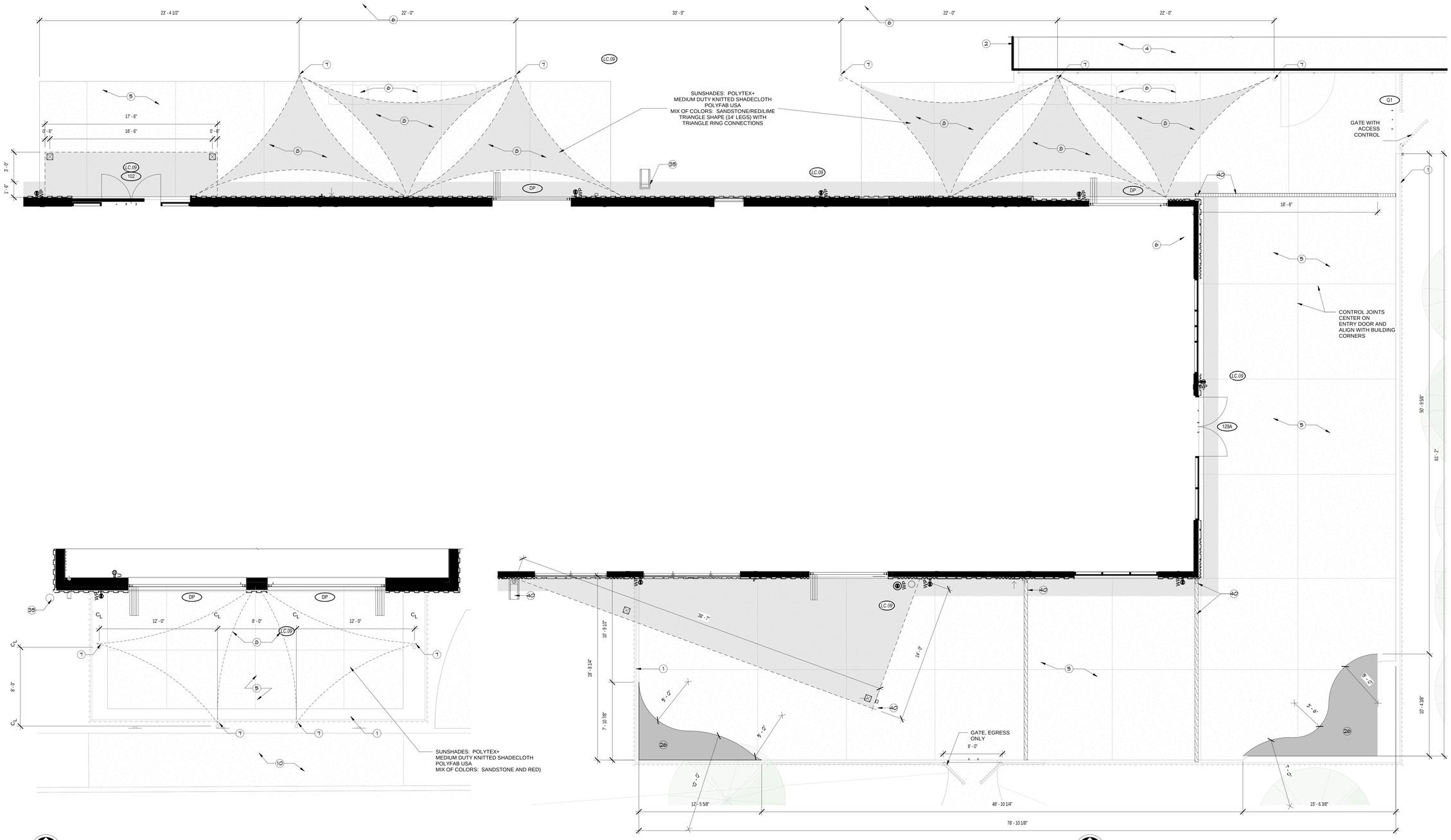
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45 BGC BRONZE SIGN



NORTH

PATIO 2 + PARKING CALLOUT B
1/4" = 1'-0" AS-102

NORTH

ENLARGED SITE PLAN A
1/4" = 1'-0" AS-102

PRINT DATE: 8/31/2026 11:03:50 PM

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STATE OF COLORADO
LOUIS ERNEST REYNOLDS
REGISTERED ARCHITECT

8/31/2026 11:03:50 PM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	25190
ISSUE DATE:	2026-08-31
DRAWN BY:	LES

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

AS-102
SITE DETAILS

0 5' 10' 20'
0 2"

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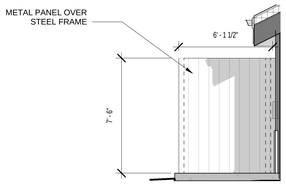
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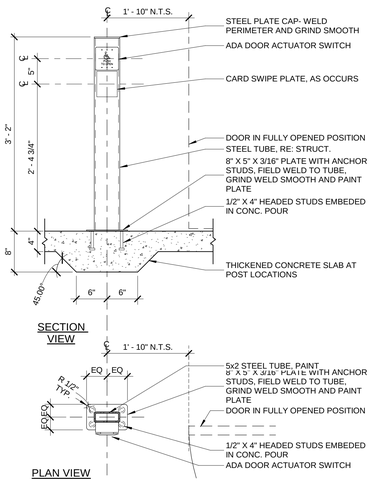
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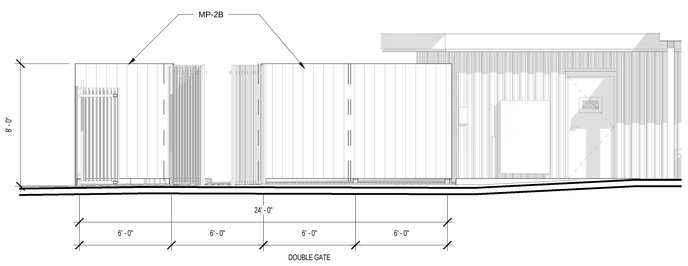


MECHANICAL YARD SOUTH E
1/4" = 1'-0" AS-103

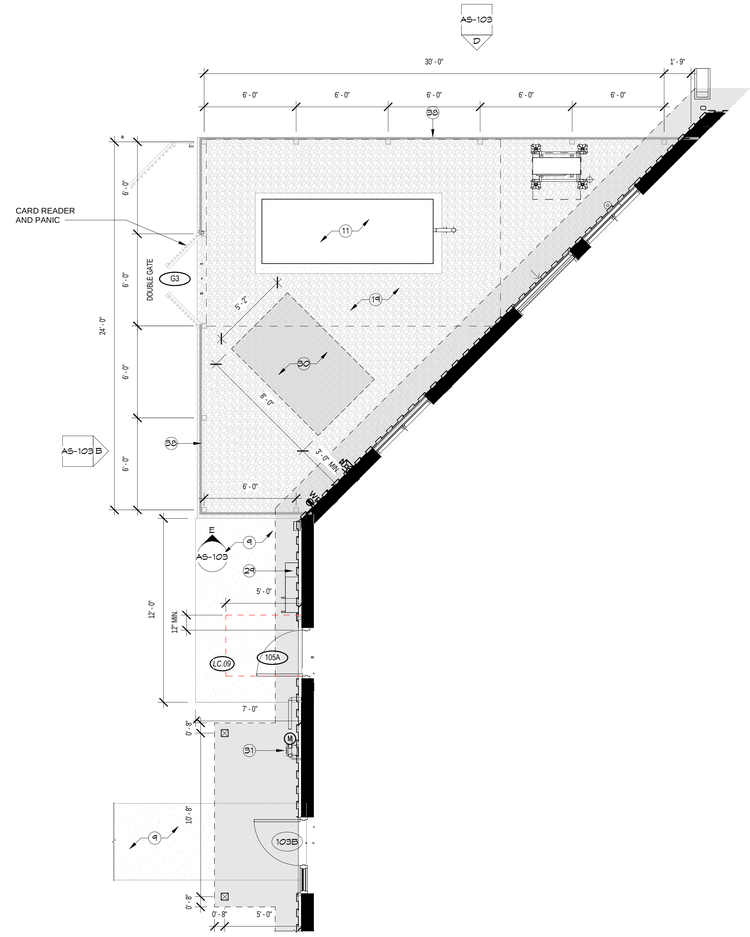
MECHANICAL YARD NORTH D
1/4" = 1'-0" AS-103



SITE - ACTUATOR BOLLARD C
1" = 1'-0" AS-103



MECHANICAL YARD WEST B
1/4" = 1'-0" AS-103



MECHANICAL YARD PLAN A
1/4" = 1'-0" AS-103

REYNOLDS ASH + ASSOCIATES
ARCHITECTURE ENGINEERING
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(970) 259-7494
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STATE OF COLORADO
LOUIS REYNOLDS
C-6914
REGISTERED ARCHITECT

8/31/2026 11:01:52 PM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: 25190
ISSUE DATE: 2026-08-31
DRAWN BY: LES

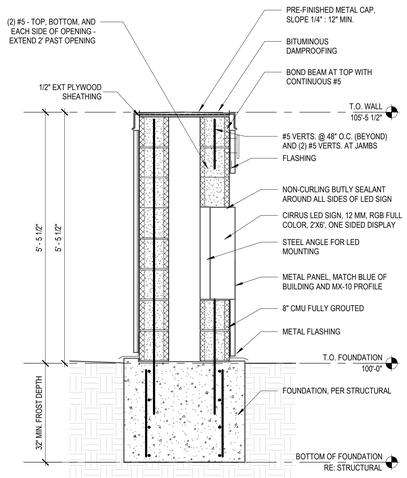
ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

AS-103
SITE DETAILS

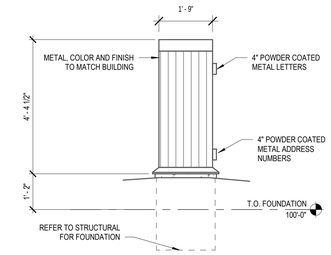
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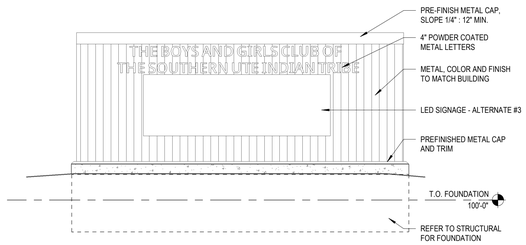
MONUMENT SIGN - SECTION G

3/4" = 1'-0" AS-104



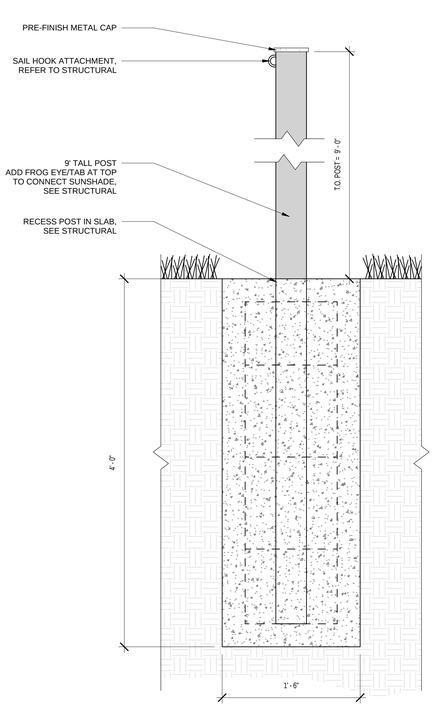
MONUMENT SIGN - NORTH ELEVATION F

1/2" = 1'-0" AS-104



MONUMENT SIGN - EAST ELEVATION E

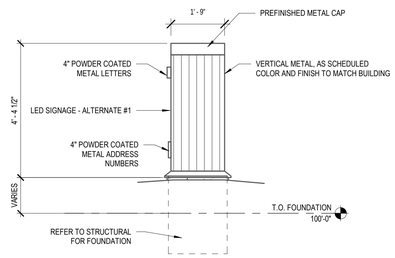
1/2" = 1'-0" AS-104



SUNSHADE POST FOOTING A

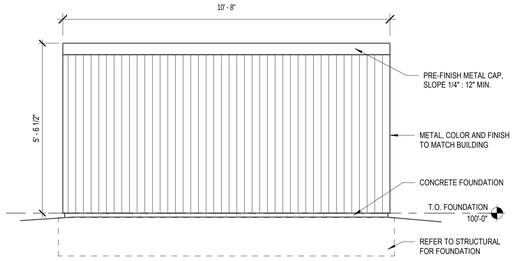
ALTERNATE #1

1 1/2" = 1'-0" AS-104



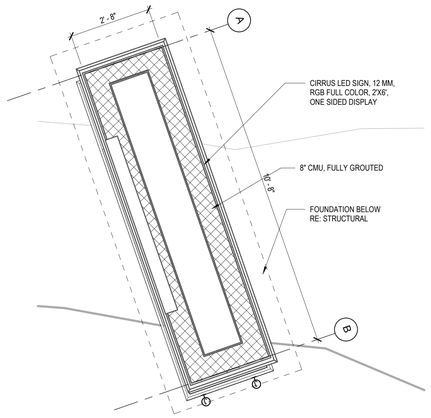
MONUMENT SIGN - SOUTH ELEVATION D

1/2" = 1'-0" AS-104



MONUMENT SIGN - WEST ELEVATION C

1/2" = 1'-0" AS-104



MONUMENT SIGN - PLAN SECTION B

1/2" = 1'-0" AS-104

NORTH

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STATE OF COLORADO
LOUIS REYNOLDS
C-0291
REGISTERED ARCHITECT

8/31/2026 11:02:12 PM

PRINT DATE: 8/31/2026 11:02:12 PM

PROJECT TEAM:

PEAK land design
CHC Engineers, LLC
ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE
296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

AS-104
SITE DETAILS

0 5' 10' 20'
0 2"

STRUCTURAL DESIGN CRITERIA: 246 MOUACHE CR., IGNACIO, CO 81137

1. CODES: - 2015 IBC

2. DESIGN LIVE LOADS:
FLOOR - OFFICE LIVE LOAD: 50 PSF
- LOBBY/STAIR/1ST FLOOR CORR. LIVE LOAD: 100 PSF
- RECREATIONAL ROOMS: 75 PSF
- 2ND FLOOR CORRIDORS LIVE LOAD: 80 PSF
- ATTIC FLOOR LIVE LOAD: 20 PSF
- DEAD LOAD: 20 PSF
ROOF - SNOW LOAD: 45 PSF
- DEAD LOAD: 15 PSF
- PV PANEL ADD'L LOAD (SEE PLAN): 5 PSF
GROUND SNOW LOAD: 64 PSF

3. SEISMIC CRITERIA
Ie = 1.0
Ss = 0.182
S1 = 0.064
SITE CLASS "D"
Sms = 0.291
Sm1 = 0.155
SEISMIC DESIGN CATEGORY = "B"
Sds = 0.194
Sd1 = 0.103

4. WIND DESIGN
BASIC WIND SPEED = 115 MPH
Iw = 1.0; Kd = 0.85 ; Kzt = 1.0; Kz = 0.7
WIND EXPOSURE: C
MWFRS (T. 22.2-1) ZONE 2E = 21 PSF, ALL OTHER ZONES = 16.0 PSF NORMAL TO THE SURFACE, UNLESS NOTED OTHERWISE.

5. SNOW DESIGN
FLAT ROOF SNOW LOAD = 45 PSF
Ce = 1.0, Ct = 1.0, Cs = 1.0
I = 1.0
SEE FRAMING PLANS FOR DRIFTING LOADS

6. ALLOWABLE SOIL BEARING PRESSURE: 1500 PSF FOR ALL FOOTINGS WITH 1' EMBEDMENT PER CODE RECOMMENDATIONS. FOOTINGS ASSUMED TO BE BEARING ON 12" LAYER OF COMPACTED STRUCTURAL FILL OVER 6" OF SCARIFIED AND RECOMPACTED NATIVE SOIL.

7. FLOOD DESIGN DATA: N/A

GENERAL CONSTRUCTION NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL.

2. SEE ARCHITECTURAL FOR EXACT DIMENSIONS FOR OPENINGS IN WALLS, ROOF AND FLOOR SYSTEMS.

3. VERIFY ALL MECHANICAL OPENING SIZES AND LOCATIONS WITH MECHANICAL CONTRACTOR.

4. NO PIPES, SLEEVES, ETC. SHALL PASS THROUGH BEAMS OR COLUMNS UNLESS INDICATED ON PLAN.

5. CONTRACTOR SHALL DESIGN, PROVIDE AND MAINTAIN TEMPORARY BRACING, SHORING, GUYING, ETC. AND OTHER METHODS AS REQUIRED TO PREVENT EXCESSIVE LOADING AND TO STABILIZE STRUCTURAL ELEMENTS DURING CONSTRUCTION. THESE METHODS SHALL REMAIN IN PLACE UNTIL ALL MEMBERS AND FINAL CONNECTIONS HAVE BEEN COMPLETED.

6. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION SEQUENCING AND SAFETY PROVISIONS.

7. TYPICAL DETAILS SHALL APPLY WHERE NO SPECIFIC DETAIL CUT IS REFERENCED.

8. THE STRUCTURAL PLANS SHOW PRINCIPAL FRAMING MEMBERS ONLY; CONTRACTOR SHALL PROVIDE FOR ALL FRAMING AND SUPPORTS NECESSARY TO RESIST LATERAL AND VERTICAL LOADS, AS WELL AS CONNECTIONS OF THESE MEMBERS.

9. THE GENERAL CONTRACTOR SHALL PROTECT ALL EXISTING FACILITIES, STRUCTURES AND UTILITY LINES FROM DAMAGE DURING CONSTRUCTION.

SOILS/EARTHWORK:

1. SOIL SHALL BE STRIPPED, COMPACTED AND TESTED IN ACCORDANCE WITH THE RECOMMENDATIONS OF ASTM D-1557.

2. CENTER ALL FOOTINGS UNDER THEIR RESPECTIVE COLUMNS OR WALLS (UNLESS OTHERWISE SHOWN ON PLANS. MAXIMUM MISPLACEMENT OR ECCENTRICITY SHALL BE 2". TOLERANCE FOR MISLOCATION OF COLUMN DOWELS OR ANCHOR BOLTS TO PER ACI OR AISC STANDARDS.

3. HORIZONTAL JOINTS IN FOOTINGS SHALL NOT BE PERMITTED.

4. WHERE VERTICAL CONSTRUCTION JOINTS OCCUR IN CONTINUOUS FOOTINGS, PROVIDE A MINIMUM CONTINUOUS 2" BY 4" KEYWAY ACROSS JOINT.

5. THE GENERAL CONTRACTOR SHALL NOTIFY THE DESIGNER IF SOIL CONDITIONS ARE UNCOVERED THAT PREVENT THE REQUIRED SOIL BEARING PRESSURE FROM BEING OBTAINED.

6. COORDINATE PLUMBING LINES WITH THE FOOTING LOCATIONS TO AVOID INTERFERENCE. INDIVIDUAL FOOTINGS SHALL BE LOWERED AND WALL FOOTINGS STEPPED (WITH THE PRIOR WRITTEN APPROVAL OF THE DESIGNER) TO AVOID SUCH INTERFERENCE.

7. EXCAVATING UNDER OR NEAR IN-PLACE FOOTINGS OR FOUNDATIONS WHICH DISTURBS THE COMPACTED SOIL BENEATH SHALL NOT BE PERMITTED.

8. PROVIDE POSITIVE DRAINAGE DURING CONSTRUCTION AND WITH FINAL GRADING. MINIMUM FINISHED SLOPE AWAY FROM ALL STRUCTURES IS 4% FOR 20' MINIMUM.

REINFORCED CONCRETE CONSTRUCTION:

1. ALL CONCRETE DESIGN AND PLACEMENT SHALL BE IN STRICT ACCORDANCE WITH THE ACI "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE ", ACI 318.

2. STRUCTURAL CONCRETE SHALL CONFORM TO ACI 301 SPECIFICATIONS AND DEVELOP A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF:
FOOTINGS: 3000 PSI, 8" MAX. SLUMP
STEMWALLS/BASEMENT WALLS: 3500 PSI, 6" MAX. SLUMP
INTERIOR FLATWORK: 3500 PSI, 6" MAX. SLUMP
EXTERIOR FLATWORK: 4000 PSI, 5" MAX. SLUMP

3. ALL AGGREGATE FOR NORMAL WEIGHT CONCRETE SHALL MEET ASTM C33. MIX DESIGN SHALL CONTAIN 50% COARSE AGGREGATES.

4. CONTRACTOR SHALL COMPLY WITH ACI 305 REQUIREMENTS FOR HOT WEATHER CONCRETE REQUIREMENTS AND COLD WEATHER REQUIREMENTS, AS REQUIRED. CONTRACTOR SHALL KEEP A COPY OF ACI 305 ON-SITE THROUGHOUT CONSTRUCTION.

5. EXTERIOR EXPOSED CONCRETE SHALL HAVE FROM 5 TO 7% ENTRAINED AIR.

6. CONSOLIDATE ALL CONCRETE WITH A VIBRATOR. ALL PUMPED CONCRETE SHALL CONTAIN A HIGH RANGE WATER REDUCING AGENT (HRWR). MINIMUM SIZE OF DISCHARGE SHALL BE 4" FOR #57 AND 2" FOR #24 AGGREGATE.

7. CHAMFER ALL EXPOSED EDGES 3/4" UNLESS NOTED OTHERWISE ON THE DRAWINGS.

8. ALL REINFORCING STEEL SHALL BE DETAILED, FABRICATED AND INSTALLED IN ACCORDANCE WITH ACI 318-02 AND ACI DETAILING MANUAL OF STANDARD PRACTICE, ACI 315-99.

9. REINFORCING STEEL SHALL BE NEW DEFORMED BARS, FREE FROM RUST, SCALE AND OIL, CONFORMING TO ASTM A-615, GRADE 60, WITH A MINIMUM YIELD STRENGTH OF 60,000 PSI.

10. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185. ALL MESH SHALL BE PROVIDED IN FLAT SHEETS.

11. LAP CONTINUOUS REINFORCEMENT 40 BAR DIAMETERS (1'-6" MINIMUM) OR AS NOTED OTHERWISE. SEE DRAWINGS FOR CLASS B TENSION SPLICES. LAP CONTINUOUS BEAM BOTTOM STEEL OVER SUPPORTS AND CONTINUOUS TOP STEEL AT MID-SPAN , UNLESS OTHERWISE DIRECTED ON THE DRAWINGS.

12. PROVIDE CORNER LAP BARS TO MATCH IN SIZE AND SPACING OF ALL HORIZONTALS.

13. PROVIDE 3' SLAB BOLSTER WITH CONTINUOUS BOTTOM PLATE AT 4'-0" MAXIMUM FOR POSITIONING ALL FOOTING BARS.

14. PROVIDE SLAB BOLSTER WITH CONTINUOUS BOTTOM PLATE AT 4'-0" MAXIMUM CENTERS FOR POSITIONING ALL MESH.

15. TERMINATE ALL DISCONTINUOUS TOP BARS WITH STANDARD 90° HOOK (PLACED VERTICALLY) UNLESS NOTED OTHERWISE ON STRUCT. DETAILS.

16. PROVIDE THE FOLLOWING CONCRETE COVERAGE OVER REINFORCING:
FOOTINGS (AGAINST EARTH) 3" CLEAR
WALLS (INTERIOR FACE) 3/4" CLEAR
WALLS (EXTERIOR FACE) 1 1/2" CLEAR
SLABS (SINGLE MAT) CENTERED

17. SLEEVE ALL PENETRATIONS THROUGH BEAMS AND SLABS INDIVIDUALLY. CORE DRILLING WILL NOT BE PERMITTED. SUBMIT LOCATION AND SIZE OF SLEEVES THROUGH BEAMS TO ARCHITECT FOR REVIEW PRIOR TO CASTING CONCRETE.

18. AT ALL OPENINGS THROUGH CONCRETE WALLS LARGER THAN 12" X 12", PROVIDE AN ADDITIONAL 2#5'S AT THE PERIMETER.

19. NO REINFORCING BARS SHALL BE CUT TO ACCOMMODATE THE INSTALLATION OF ANCHORS, EMBEDS OR OTHER ITEMS.

20. AT CHANGES IN DIRECTION OF CONCRETE WALLS, BEAMS AND STRIP FOOTINGS, PROVIDE CORNER BARS OF SAME SIZE AND QUANTITY (U.N.O.) AS THE HORIZONTAL STEEL. REFER TO TYPICAL DETAIL.

21. ALL EMBEDDED ITEMS SHALL BE SECURELY TIED IN PLACE PRIOR TO CONCRETE PLACEMENT.

MASONRY CONSTRUCTION:

1. ALL MASONRY CONSTRUCTION SHALL CONFORM TO ACI "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" ACI 530 AND "SPECIFICATIONS FOR MASONRY STRUCTURES" ACI 530.1, EXCEPT AS AMENDED BELOW.

2. THIS STRUCTURE HAS BEEN DESIGNED AS A BEARING WALL STRUCTURE. ALL MASONRY UNITS SHALL BE LAID PRIOR TO CONCRETE PLACEMENT OF COLUMNS, BEAMS, AND SLABS FOR THE SAME STORY.

3. USE TYPE "S" OR "M" MORTAR WITH MINIMUM COMPRESSIVE STRENGTH OF 1800 PSI.

4. MASONRY UNITS SHALL CONFORM TO ASTM C 90 WITH A MINIMUM COMPRESSIVE STRENGTH OF 1900 PSI ON NET SECTION, TO PROVIDE NET AREA COMPRESSIVE STRENGTH OF MASONRY (f'm) OF 1500 PSI.

5. PROVIDE REINFORCED FILLED CELLS AS SHOWN ON PLANS. IN ADDITION, PROVIDE REINFORCED FILLED CELLS ADJACENT TO ALL OPENINGS, AT ANCHORAGE OF CONNECTIONS.

6. PROVIDE FULL MORTAR BEDDING AROUND ALL FILLED CELLS WITH VERTICAL REINFORCING.

7. REINFORCING FOR FILLED CELLS SHALL CONFORM TO ASTM A615, GRADE 60. PROVIDE THE FOLLOWING LAP SPLICES FOR REINFORCING:
#4 BARS -24" LAPS
#5 BARS -30" LAPS
#6 BARS -36" LAPS

8. ALL FILLED CELLS AND COLUMNS SHALL BE POURED AT LEAST TWO (2) HOURS PRIOR TO POURING BEAMS AND LINTELS.

9. CONCRETE FOR FILLED CELLS SHALL BE VIBRATED DURING PLACEMENT USING A "PENCIL" TYPE VIBRATOR.

10. THE TOP COURSE OF ALL CMU WALLS, PARTITIONS AND PARAPETS SHALL BE CONSTRUCTED OF KNOCK-OUT BLOCKS REINFORCED WITH 1-#5 HORIZONTAL BAR IN GROUTED BOND BEAM. BEND BARS WITH STANDARD HOOK AT ALL CORNERS AND INTERSECTIONS.

STRUCTURAL STEEL CONSTRUCTION:

1. FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AISC "MANUAL OF STEEL CONSTRUCTION", NINTH EDITION AND THE AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS", MOST RECENTLY ADOPTED EDITION.

2. ALL STRUCTURAL STEEL MEMBERS NOT OTHERWISE NOTED SHALL CONFORM TO ASTM A-50 WITH MINIMUM YIELD STRENGTH OF 50 KSI.

3. ALL STEEL PLATES NOT OTHERWISE NOTED SHALL CONFORM TO ASTM A-36 WITH MINIMUM YIELD STRENGTH OF 36 KSI.

4. ALL HIGH-STRENGTH BOLTS SHALL MEET THE REQUIREMENTS OF THE "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 BOLTS".

5. UNLESS NOTED OTHERWISE, ALL BOLTS SHALL BE 3/4" DIAMETER A325 AND SHALL BE BEARING TYPE CONNECTIONS.

6. ALL BOLTS CAST INTO CONCRETE SHALL CONFORM TO ASTM F1554 ,

7. ALL SHOP AND FIELD WELDING SHALL BE DONE BY CURRENTLY CERTIFIED WELDERS IN ACCORDANCE WITH AWS "STRUCTURAL WELDING CODE", LATEST EDITION.

8. USE E70XX ELECTRODES FOR ALL WELDING, UNLESS NOTED OTHERWISE (GRIND ALL EXPOSED WELDS SMOOTH.)

9. PIPE COLUMNS SHALL CONFORM TO ASTM A-501 OR A53, TYPES E OR S, GRADE B, WITH A MINIMUM YIELD STRENGTH OF 36 KSI.

10. TUBE COLUMNS SHALL CONFORM TO ASTM A-500, GRADE B, WITH A MINIMUM YIELD STRESS OF 46 KSI.

11. EXTERIOR EXPOSED STEEL - INCLUDING FASTENERS - SHALL BE PAINTED OR GALVINIZED IN ORDER TO PROTECT FROM CORROSION.

WOOD CONSTRUCTION:

1. ALL WOOD CONSTRUCTION AND CONNECTIONS SHALL CONFORM TO AITC "AMERICAN INSTITUTE OF TIMBER CONSTRUCTION" MANUAL, AND THE "NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION", AND THE MOST CURRENT ADOPTED EDITION OF THE INTERNATIONAL BUILDING CODE.

2. ALL MEMBER SIZES ARE TO BE AS SHOWN ON DRAWINGS AND PROVIDE THE FOLLOWING MINIMUM PROPERTIES:

MEMBER	SPECIES	FB (PSI)	E (PSI)
HEADERS:			
2X	HF#2 OR BETTER	850(MIN.)	1,500,000
POSTS:			
4X	HF#2 OR BETTER	575(MIN.)	1,100,000
6X	DF#1	1,200(MIN.)	1,600,000
BEAMS:			
4X	HF#2 OR BETTER	850(MIN.)	1,300,000
6X	DF#1	1,350(MIN.)	1,600,000
JOISTS:			
2X6 THRU 2X10	HF#2 OR BETTER	850(MIN.)	1,300,000
2X12	DF#2	900(MIN.)	1,400,000
STUDS:			
2X4 & 2X6	HF STUD/ BETTER	675(MIN.)	1,200,000
2X4/2X6- OVER 96"	HF#2 OR BETTER	700(MIN.)	1,400,000
OTHER:			
SILL PLATES	HF CONST. GRADE OR HF#2	975(MIN.)	1,300,000

3. LOG POSTS, COLUMNS, BEAMS, ETC. LODGEPOLE PINE (STANDING DEAD & DRIED MIN. 3 YEARS). SPECIFIED DIAMETER IS THE MIN. AT ANY POINT.

4. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.

5. ALL BOLTS FOR BOLTED CONNECTIONS SHALL CONFORM TO ASTM A307. USE WASHERS BETWEEN WOOD AND BOLT HEADS AND NUTS.

6. ALL METAL WOOD CONNECTORS SHALL BE AS MANUFACTURED BY SIMPSON STRONG TIE CO. (OR APPROVED EQUAL) AND SHALL BE GALVANIZED.

7. ALL JOISTS SHALL BE LATERALLY SUPPORTED AT ENDS BY SOLID BLOCKING.

8. ALL EXTERIOR AND BEARING WALLS SHALL BE FRAMED OF 2X6'S @ 16" O.C. WHERE WALL SUPPORTS PREFABRICATED ROOF TRUSSES, FRAME WALL SO THAT EVERY OTHER TRUSS FALLS DIRECTLY OVER A STUD.

9. UNLESS NOTED OTHERWISE ON PLANS, PROVIDE THE FOLLOWING NUMBER OF JACK/TRIMMER STUDS AT EA. SIDE OF BEARING WALL OPENINGS, BASED ON THE MAXIMUM HEADER SPAN:
UP TO 3' - 6": 1 STUDS
3' - 6" TO 5' - 0": 2 STUDS
5' - 0" TO 14' - 0": 3 STUDS

10. UNLESS NOTED OTHERWISE ON PLANS, PROVIDE THE FOLLOWING NUMBER OF FULL-HEIGHT STUDS AT EACH SIDE OF EXTERIOR WALL OPENINGS, BASED ON THE MAXIMUM HEADER SPAN:
UP TO 4' - 0": 1 STUDS
4' - 0" TO 5' - 0": 2 STUDS
5' - 0" TO 14' - 0": 3 STUDS
14' - 0" TO 18' - 0": 4 STUDS

11. WHERE BEAMS OR COLUMNS ARE FORMED OF 2 OR MORE MEMBERS THEY SHALL BE FULL LENGTH AND FASTENED TOGETHER PER THE INTERNATIONAL BUILDING CODE.

12. WALL SHEATHING SHALL BE 7/16" OSB, MINIMUM SPAN RATING 24/16. FASTEN WITH 8D GALVANIZED BOX NAILS AT 6" O.C. MAXIMUM AT ALL PANEL EDGES. SPACE NAILS AT 12" O.C. MAXIMUM ALONG INTERMEDIATE FRAMING. WHERE SHEAR WALLS ARE INDICATED, BLOCK ALL PANEL EDGES.

13. ROOF SHEATHING SHALL BE 5/8" OSB, MINIMUM SPAN RATING 40/20. FASTEN WITH 8D NAILS AT 6" O.C. MAXIMUM AT ALL SUPPORTED EDGES. SPACE NAILS 12" O.C. ALONG INTERMEDIATE FRAMING MEMBERS.

14. FLOOR AND FLAT ROOF SHEATHING SHALL BE 3/4" TONGUE AND GROOVE OSB SHEATHING, MINIMUM SPAN RATING 24 OC. APA STURD-I-FLOOR FASTEN WITH 10D NAILS AT 4" O.C. AT BOUNDARY AND 6" O.C. MAXIMUM AT ALL SUPPORTED EDGES AND 12" O.C. ALONG INTERMEDIATE FRAMING MEMBERS. PANEL LAYOUT SHALL BE CASE 1 WITH SHEETS PERPENDICULAR TO FRAMING WITH ALL JOINTS BLOCKED.

15. NAILING SCHEDULE (COMMON, UNLESS OTHERWISE NOTED):

CONNECTION:	NAILING:
JOIST TO SILL OR GIRDER, TOENAIL	3-8D
BRIDGING TO JOIST, TOENAIL EACH END	2-10D
SOLE PLATE TO JOIST/BLOCKING, (TYP.) FACE NAIL	16D @ 16" O.C.
TOP OR BOTT. PLATE TO STUD, END NAIL/TOE NAIL	2-16D/3-16D
STUD TO STUD (NON-BRACED WALL), FACE NAIL	16D @ 24" O.C.
STUD TO STUD (BRACED WALL), FACE NAIL	16D @ 16" O.C.
DOUBLE TOP PLATES, (TYP.) FACE NAIL	16D @ 16" O.C.
DOUBLE TOP PLATES, LAP SPLICE	8-16D
BLOCKING B/W JOISTS/RAFTERS TO TOP PLATE, TOENAIL	3-8D
RIM JOIST TO TOP PLATE, TOENAIL	8D @ 6" O.C.
TOP PLATES, LAPS & INTERSECTIONS, FACE NAIL	2-16D
CONTINUOUS HEADER, TWO PIECES	16D @ 16" O.C. EA. EDGE
CEILING JOISTS TO TOP PLATE, TOENAIL	3-8D
CONTINUOUS HEADER TO STUD, TOENAIL	4-8D
CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL	3-16D
CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	3-16D
RAFTER TO PLATE, TOENAIL	3-10D
BUILT-UP CORNER STUDS	16D BOX @ 12" O.C.
SUBFLOOR	10D @ 6" O.C. EDGES, 12" O.C. FIELD
WALL SHEATHING	8D @ 6" O.C. EDGES, 12" O.C. FIELD

16. BCI AND VERSA-LAM JOIST AND BEAM PRODUCTS:
A. LPI, TJI OR OTHER MANUFACTURER MAY BE SUBSTITUTED FOR BCI PRODUCTS.
B. ALL JOISTS SHALL BE SHIPPED, HANDLED AND INSTALLED AS DIRECTED BY THE JOIST MANUFACTURER.
C. THE JOIST MANUFACTURER SHALL PROVIDE ALL REQUIRED HANGERS, SHAPED BEARING PLATES AND PRECUT BLOCKING REQUIRED FOR A COMPLETE INSTALLATION.
D. JOISTS SHALL RUN CONTINUOUS OVER INTERMEDIATE SUPPORTS.

17. GLUE-LAMINATED MEMBERS SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH AITC SPECIFICATIONS. ALL GLUE-LAMS SHALL BE WEST COAST DF, EXTERIOR GLUE, ARCHITECTURAL APPEARANCE GRADE, 24F-V4 OR BETTER.

18. INTERIOR TIMBER BEAM MEMBERS SHALL BE DOUGLAS FIR #1 TIMBER BEAM MEMBERS. EXTERIOR TIMBER BEAM MEMBERS SHALL BE WESTERN CEDAR, SELECT STRUCTURAL, ROUGH-SAWN, UNLESS OTHERWISE NOTED ON DRAWINGS.

19. WHERE STEEL FASTENERS ARE IN CONTACT WITH PRESSURE TREATED LUMBER, HOT DIP GALVANIZED OR OTHER CORROSION PROTECTION SHALL BE PROVIDED. THIS INCLUDES NAILS, BOLTS OR OTHER FASTENERS.

PRE-ENGINEERED WOOD TRUSSES:

1. DESIGN OF METAL CONNECTED ROOF TRUSSES SHALL COMPLY WITH:
A. NFPA'S "NATIONAL DESIGN SPECIFICATIONS FOR STRESS GRADED LUMBER AND ITS FASTENINGS".
B. TRUSS PLATE INSTITUTE'S "DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED ROOF TRUSSES."

2. SIGNED AND SEALED SHOP DRAWINGS SHOWING TRUSS CONFIGURATION WITH MEMBER SIZES AND CONNECTIONS, TRUSS LAYOUT WITH PIECE MARKS, REQUIRED TRUSS TO TRUSS CONNECTIONS, DESIGN LOADS, DURATION FACTORS AND ERECTION DETAILS MUST BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION. SUBMIT COPIES TO THE BUILDING DEPARTMENT PRIOR TO REQUEST FOR ROUGH INSPECTION. ENSURE ADDITIONAL COPY IS AVAILABLE ON SITE FOR ROUGH INSPECTION.

3. PRE-FABRICATED TRUSSES SHALL BE DESIGNED USING ONE PINNED SUPPORT; ALL OTHERS SHALL BE ROLLERS. LATERAL DEFLECTION AT THE SUPPORTS ARE NOT TO EXCEED L/360, WHERE 'L' IS THE WALL HEIGHT IN INCHES.

4. PRE-FABRICATED WOOD TRUSSES SHALL BE FABRICATED FROM HEM-FIR KILN DRIED #2 OR BETTER FOR CHORDS AND #3 GRADE OR BETTER FOR WEBS.

5. NO WANE, SKIPS OR OTHER DEFECTS SHALL OCCUR IN THE PLATE CONTACT AREA OR SCARFED AREA OF WEB MEMBERS. PLATES SHALL BE CONNECTED WITH ONE REQUIRED EACH SIDE OF TRUSS.

6. NUMBER OF PANELS AND DIRECTION OF WEB MEMBERS TO SUIT CONTINUOUS OR SIMPLE SPAN TRUSS DESIGN REQUIREMENTS. SEE STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR OUTLINE SHAPE AND ANY SPECIAL CONDITIONS/LOCATIONS OF PANEL POINTS. NOTE BEARING WALL LOCATIONS AT ALL BALCONIES AND PORCHES.

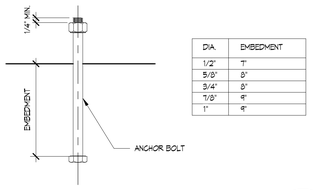
7. PERMANENT TRUSS BRACING OR BRIDGING MEMBERS SHALL BE 2" X 4" MINIMUM HEM-FIR WITH MINIMUM LOCATIONS AS NOTED ON PLANS. ADDITIONAL BRACING REQUIRED TO STRENGTHEN TRUSS COMPONENTS SHOULD BE NOTED ON THE ERECTION DRAWINGS IN ACCORDANCE WITH TRUSS MANUFACTURER'S RECOMMENDATIONS.

8. HANDLING, ERECTION AND BRACING OF WOOD TRUSSES SHALL BE IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE, LATEST EDITION, AND AS NOTED BELOW.

9. MINIMUM PERMANENT BRIDGING CRITERIA FOR PRE-ENGINEERED TRUSSES: PROVIDE 2" X 4" CONTINUOUS HORIZONTAL BRIDGING AT TOP AND BOTTOM CHORDS AND INTERMITTENT CROSS BRIDGING AT 10 FT SPACING AT THE FOLLOWING MINIMUM LOCATIONS:
A. AT RIDGES
B. AT 10 FT O.C. HORIZONTALLY - AT PANEL POINT LOCATIONS
C. AT ALL DEEP (18") BEARING ENDS.

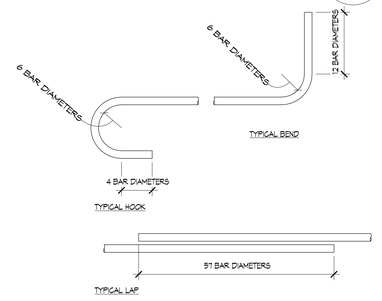
10. PROVIDE CONTINUOUS 2" X 4" AT 45° O.C. PERPENDICULAR TO TRUSSES AT TOP CHORD WHERE ROOF PLYWOOD IS NOT RIGIDLY ATTACHED TO TOP CHORD OF TRUSS.

11. PROVIDE CONTINUOUS 2" X 4" AT 45° O.C. AT BOTTOM CHORD WHERE A RIGID CEILING IS NOT FIRMLY ATTACHED DIRECTLY TO THE BOTTOM CHORD.

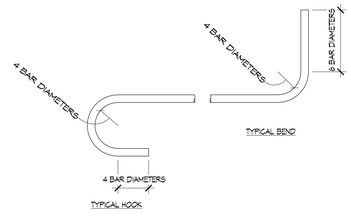


DIA.	EMBEDMENT
1/2"	7"
5/8"	8"
3/4"	8"
7/8"	9"
1"	9"

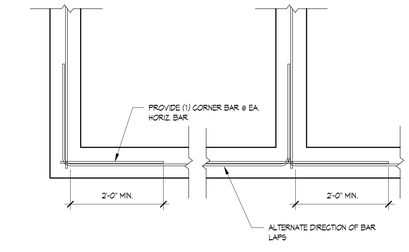
ANCHOR BOLT DET. A
SCALE: 3" = 1'-0" S-101



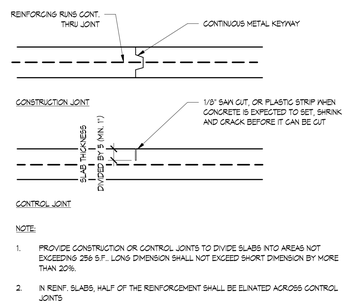
LONGITUDINAL REINF. B
SCALE: 3" = 1'-0" S-101



STIRRUP/TIE REINF. C
SCALE: 3" = 1'-0" S-101



CONCRETE DETAILS D
SCALE: 3/4" = 1'-0" S-101

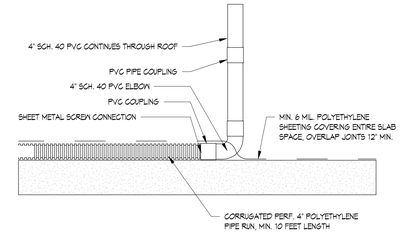


NOTE:

1. PROVIDE CONSTRUCTION OR CONTROL JOINTS TO DIVIDE SLABS INTO AREAS NOT EXCEEDING 25ft S.F., LONG DIMENSION SHALL NOT EXCEED SHORT DIMENSION BY MORE THAN 20%.

2. IN REINF. SLABS, HALF OF THE REINFORCEMENT SHALL BE ELINATED ACROSS CONTROL JOINTS

SLAB JOINTS E
SCALE: 1 1/2" = 1'-0" S-101



RADON COLL. @ C.S. F
SCALE: 3/4" = 1'-0" S-101

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COLORADO REGISTERED PROFESSIONAL ENGINEER
JOSEPH C. REYNOLDS
32 PE
8/31/2026 8:57:15 PM

PROJECT TEAM:

THE BOYS AND GIRLS CLUB OF THE SOUTHERN INDIAN TRIBE
296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	25190
ISSUE DATE:	2026-08-31
DRAWN BY:	DCM

ISSUE RECORD:
2026-07-07 DD PROGRESS SET
2026-07-16 50% DD PHASE AND SET
CD PHASE 2026-08-31

REVISIONS:

S-101
GENERAL NOTES

PRINT DATE: 8/31/2026, 8:57:15 PM

SPECIAL INSPECTIONS NOTES:

1. SPECIAL INSPECTIONS SHALL CONFORM TO SECTION 1705 OF THE 2018 IBC, CONTRACT DOCUMENTS AND APPROVED SUBMITTALS. REFER TO TABLES 1 THROUGH 3 FOR SPECIAL INSPECTION.

2. SPECIAL INSPECTIONS AND ASSOCIATED TESTING SHALL BE PERFORMED BY AN APPROVED ACCREDITED INDEPENDENT AGENCY MEETING THE REQUIREMENTS OF ASTM E329 (MATERIALS). THE INSPECTION AND TESTING AGENCY SHALL FURNISH TO THE STRUCTURAL BUILDING OFFICIAL. WELDING INSPECTORS SHALL BE QUALIFIED PER SECTION 6.1.4.1.1 OF AWS D1.1.

3. THE SPECIAL INSPECTOR SHALL OBSERVE THE INDICATED WORK FOR COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION AND NOTED IN THE INSPECTION REPORTS.

4. THE SPECIAL INSPECTOR AND GEOTECHNICAL ENGINEER SHALL FURNISH INSPECTION REPORTS FOR EACH INSPECTION TO THE BUILDING OFFICIAL, STRUCTURAL ENGINEER, ARCHITECT, CONTRACTOR AND OWNER. THE SPECIAL INSPECTION AGENCY SHALL SUBMIT A FINAL REPORT STATING THAT THE WORK REQUIRING SPECIAL INSPECTION WAS INSPECTED AND IS IN CONFORMANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS AND THAT ALL DISCREPANCIES NOTED IN THE INSPECTION REPORTS HAVE BEEN CORRECTED.

5. FOR STEEL INSPECTIONS PER AISC 360 AND 341 (TABLE 3):
QUALITY ASSURANCE (QA) IS REQUIRED FOR EACH ITEM IN TABLES UNLESS SPECIFICALLY NOTED OTHERWISE
QUALITY CONTROL (QC) TO BE PROVIDED BY THE FABRICATOR, ERECTOR OR OTHER RESPONSIBLE CONTRACTOR AS APPLICABLE. CONTRACTOR AND SPECIAL INSPECTOR TO DOCUMENT QUALITY CONTROL AS REQUIRED IN AISC 360 SECTION N3 AND AISC 341 SECTION J2.

6. INSPECTION TYPES:
CONTINUOUS: THE FULL-TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AND APPROVED SPECIAL INSPECTOR WHO IS PRESENT N THE AREA WHERE THE WORK IS BEING PERFORMED.
PERIODIC: THE PART-TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT INTHE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK.
OBSERVE: THE INSPECTOR SHALL OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
PERFORM: THESE TASKS SHALL BE PERFORMED FOR EACH WELDED JOINT OR MEMBER.

7. PERFORM INSPECTION PRIOR TO FINAL ACCEPTANCE OF THE ITEM FOR TEN WELDS TO BE MADE BY A GIVEN WELDER, WITH THE WELDER DEMONSTRATING UNDERSTANDING OF REQUIREMENTS AND POSSESSION OF SKILLS AND TOOLS TO VERIFY THESE ITEMS, THE INSPECTOR DETERMINE THAT THE WELDER HAS DISCONTINUED PERFORMANCE OF THIS TASK. THE TASK SHALL BE RETURNED TO PERFORM UNTIL SUCH TIME AS THE INSPECTOR HAS RE-ESTABLISHED ADEQUATE ASSURANCE THAT THE WELDER WILL PERFORM THE INSPECTION TASKS LISTED.

8. SPECIAL INSPECTION OF MECHANICAL POST INSTALLED ANCHORDS SHALL BE IN STRICT CONFORMANCE WITH THE ICC REPORT AND MANUFACTURERS INSTALLATION REQUIREMENTS. ANCHOR INSTALLERS SHALL BE QUALIFIED AS REQUIRED BY JURISDICTION REQUIREMENTS.
   - INSPECTION REPORTS SHALL IDENTIFY NAMES OF INSTALLERS.
   - SPECIAL INSPECTOR SHALL PROVIDE DOCUMENTATION AT THE END OF ANCHOR INSTALLATIONS STATING THAT THE ANCHORS WERE INSPECTED PER APPROVED ANCHOR EVALUATION REPORT.

9. DOCUMENT (D): INDICATES CONTRACTOR AND SPECIAL INSPECTOR TO PROVIDE DOCUMENTATION IN ACCORDANCE WITH AISC 341.

CONTRACTOR RESPONSIBILITY:

THE CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF THE MAIN WIND OR SEISMIC-FORCE-RESISTING SYSTEM SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN THE FOLLOWING:

1. ACKNOWLEDGEMENT THAT CONTROL WILL BE EXCERSIZED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL.

2. PROCEDURES FOR EXERCISING CONTROL WITHN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING AND DISTRIBUTION OF THE REPORTS.

3. IDENTIFICATION AND QUILIFICATIONS OF THE PERSON(S) EXERCISING SUCH CONTROL AND THEIR POSITION(S) N THE ORGANIZATION.

TABLE 1: SPECIAL INSPECTIONS AND TESTS OF SOILS

SYSTEM OR MATERIAL	INSPECTION (NOTE 6)		REMARKS
	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	–	X	BY GEOTECHNICAL ENGINEER
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	–	X	
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	–	X	
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	–	
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	–	X	

TABLE 2: SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION

SYSTEM OR MATERIAL	REFERENCED STANDARD	IBC REFERENCE	INSPECTION (NOTE 6)	
			CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	ACI 318: CH. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4	–	X
2. REINFORCING BAR WELDING: A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706;	AWS D1.4 ACI 318: 17.8.2		–	X
B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND			–	X
C. INSPECT ALL OTHER WELDS.			X	–
3. INSPECT ANCHORS CAST IN CONCRETE.	ACI 318: 17.8.2		–	X
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS: A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	ACI 318: 17.8.2.4 ACI 318: 17.8.2		X	–
B. MECHANICAL ANCHORS AND ADHESIVE ANHCORS NOT DEFINED IN 4.A.			–	X
5. VERIFY USE OF REQUIRED DESIGN MIX.	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3	–	X
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	ASTM C172 ASTM C31 ACI 318: 26.5, 26.12	1908.10	X	–
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	ACI 318: 26.5	1908.6, 1908.7, 1908.8	X	–
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES..	ACI 318: 26.5.3-26.5.5	1908.9	–	X
9. INSPECT PRESTRESSED CONCRETE FOR: A. APPLICATION OF PRESTRESSING FORCES; AND,	ACI 318: 26.10		X	–
B. GROUTING OF BONDED PRESTRESSING TENDONS.			X	–
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	ACI 318: 26.9		–	X
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	ACI 318: 26.11.2		–	X
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	ACI 318: 26.11.1.2(b)		–	X

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COLORADO REGISTERED PROFESSIONAL ENGINEER

8/31/2026 8:57:15 PM

PROJECT TEAM:

THE BOYS AND GIRLS CLUB OF THE SOUTHERN INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	**25190**
ISSUE DATE:	**2026-08-31**
DRAWN BY:	**DCM**

ISSUE RECORD:
2026-06-17 DD PROGRESS SET
2026-07-06 100% DD PEUSE AND I&T
CD PHASE 2026-08-31

REVISIONS:

S-102

SPECIAL INSPECTIONS

SPECIAL INSPECTIONS NOTES:

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TABLE 3: SPECIAL INSPECTIONS AND TESTS OF STEEL CONSTRUCTION

SYSTEM OR MATERIAL	REFERENCED STANDARD	INSPECTION (NOTES 5 & 6)	
		OBSERVE	PERFORM
STRUCTURAL STEEL WELDING			
INSPECTION TASKS PRIOR TO WELDING			
1. WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS	AISC 360: CH. N	X	
2. WPS AVAILABLE			X
3. MNFR. CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE			X
4. MATERIAL IDENTIFICATION (TYPE/GRADE)		X	
5. WELDER IDENTIFICATION SYSTEM		X	
6. FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY) • JOINT PREPARATIONS • DIMENSIONS (ALIGNMENT, ROOF OPENING, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION) • BACKING TYPE AND FIT (IF APPLICABLE)		X	
7. FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y- AND K-JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY) • JOINT PREPARATIONS • DIMENSIONS (ALIGNMENT, ROOF OPENING, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION)		X	
8. CONFIGURATION AND FINISH OF ACCESS HOLES		X	
9. FIT-UP OF FILLET WELDS • DIMENSIONS (ALIGNMENT, ROOF OPENING, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION)		X	
INSPECTION TASKS DURING WELDING			
1. CONTROL AND HANDLING OF WELDING CONSUMABLES • PACKAGING • EXPOSURE CONTROL	AISC 360: CH. N	X	
2. NO WELDING OVER CRACKED TACK WELDS		X	
3. ENVIRONMENTAL CONDITIONS • WIND SPEED WITHIN LIMITS • PRECIPITATION AND TEMPERATURE		X	
4. WPS FOLLOWED • SETTINGS ON WELDING EQUIPMENT • TRAVEL SPEED • SELECTED WELDING MATERIALS • SHIELDING GAS TYPE/FLOW RATE • PREHEAT APPLIED • INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.) • PROPER POSITION (F, V, H, OH)		X	
5. WELDING TECHNIQUES • INTERPASS AND FINAL CLEANING • EACH PASS WITHIN PROFILE LIMITATIONS • EACH PASS MEETS QUALITY REQUIREMENTS			X
INSPECTION TASKS AFTER WELDING			
1. WELDS CLEANED	AISC 360: CH. N	X	
2. SIZE, LENGTH AND LOCATION OF WELDS			X
3. WELDS MEET VISUAL ACCEPTANCE CRITERIA • CRACK PROHIBITION • WELD-BASE-METAL FUSION • CRATER CROSS SECTION • WELD PROFILES • WELD SIZE • UNDERCUT • POROSITY			X
4. ARC STRIKES			X
5. K-AREA			X
6. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES			X
7. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)			X
8. REPAIR ACTIVITIES			X
9. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER			X
10. NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR		X	
HIGH STRENGTH BOLTING			
INSPECTION TASKS PRIOR TO BOLTING			
1. MNFR'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	AISC 360: CH. N		X
2. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS		X	
3. CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)		X	
4. CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL		X	
5. CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS		X	
6. PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED		X	
7. PROTECTED STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS		X	
INSPECTION TASKS DURING BOLTING			
1. FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED	AISC 360: CH. N	X	
2. JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION		X	
3. FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING		X	
4. FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES		X	
INSPECTION TASKS AFTER BOLTING			
1. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	AISC 360: CH. N		X

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COLORADO REGISTERED PROFESSIONAL ENGINEER
JOSEPH R. REYNOLDS
32179
PRINCIPAL ENGINEER

8/31/2026 8:57:15 PM

PROJECT TEAM:

PRINT DATE: 8/31/2026 8:57:15 PM

THE BOYS AND GIRLS CLUB OF THE SOUTHERN INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **DCM**

ISSUE RECORD:
2026-04-17 DD PROGRESS SET
2026-07-16 100% DD PHASE AND DRP
CD PHASE 2026-08-31

REVISIONS:

S-103
SPECIAL INSPECTIONS

FOUNDATION SCHEDULE				
LABEL	Length	Width	Thickness	Reinforcement
A	1' - 6"	1' - 6"	0' - 10"	(2) #5 RB E.W.
B	3' - 0"	3' - 0"	0' - 10"	(3) #5 RB E.W.
C	4' - 0"	4' - 0"	1' - 0"	(4) #5 RB E.W.
D	4' - 6"	4' - 0"	1' - 0"	(4) #5 RB E.W.
E	2' - 0"	3' - 0"	0' - 10"	(3) #5 RB (SHORT) & (2) #5 RB (LONG)

GENERAL FOUNDATION PLAN NOTES:

A. SEE GENERAL NOTES FOR CONCRETE REQUIREMENTS ON S-101. REFER TO DETAILS A & B OF S-202 FOR GENERAL DRAINAGE & BACKFILL AND FOOTING STEP REQUIRMENTS.

B. ALL FOOTINGS SHALL BEAR A MINIMUM OF 32" BELOW LOWEST ADJACENT EXTERIOR GRADE.

C. ALL FOOTINGS SHALL HAVE 12" OF EMBEDMENT TO LOWEST ADJACENT GRADE.

D. DESIGN IS GENERALLY BASED ON BEARING CAPACITY OF 1500 PSF PER CODE RECOMMENDATIONS. NOTIFY ARCHITECT/ENGINEER IF INCOMPETENT SOIL IS ENCOUNTERED AT BEARING DEPTH.

E. WE RECOMMEND THAT THE GEOTECHNICAL ENGINEER OR A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER OBSERVE THE FOUNDATION EXCAVATIONS PRIOR TO PLACEMENT OF THE FOUNDATION REINFORCEMENT AND CONCRETE. THIS OBSERVATION IS TO ASSESS WHETHER THE EXPOSED BEARING STRATUM IS SIMILAR TO THAT ANTICIPATED FOR FOUNDATION SUPPORT. ANY LOOSE, SOFT, OR DISTURBED MATERIAL SHOULD BE UNDERCUT TO A SUITABLE BEARING SUBGRADE.

F. CONTRACTOR TO VERIFY THAT SUBGRADE IS EXCAVATED TO NATIVE MATERIAL AND NO EXPANSIVE OR LOW STRENGTH SOILS ARE ENCOUNTERED.

G. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS AND FOUNDATION ELEVATIONS PRIOR TO START OF WORK AND SHALL NOTIFY A/E OF ANY DISCREPANCIES.

H. IF REQUIRED, CONTRACTOR TO INSTALL PASSIVE RADON SYSTEM PER DETAIL F/ S-101.

I. ALL FOOTINGS SHALL BE OVER-EXCAVATED BY 12", SCARIFY, MOISTURE CONDITION & RECOMPACT 6"-9" OF NATIVE SOIL AT BOTTOM OF EXCAVATION BEFORE PLACING COMPACTED STRUCTURAL FILL.

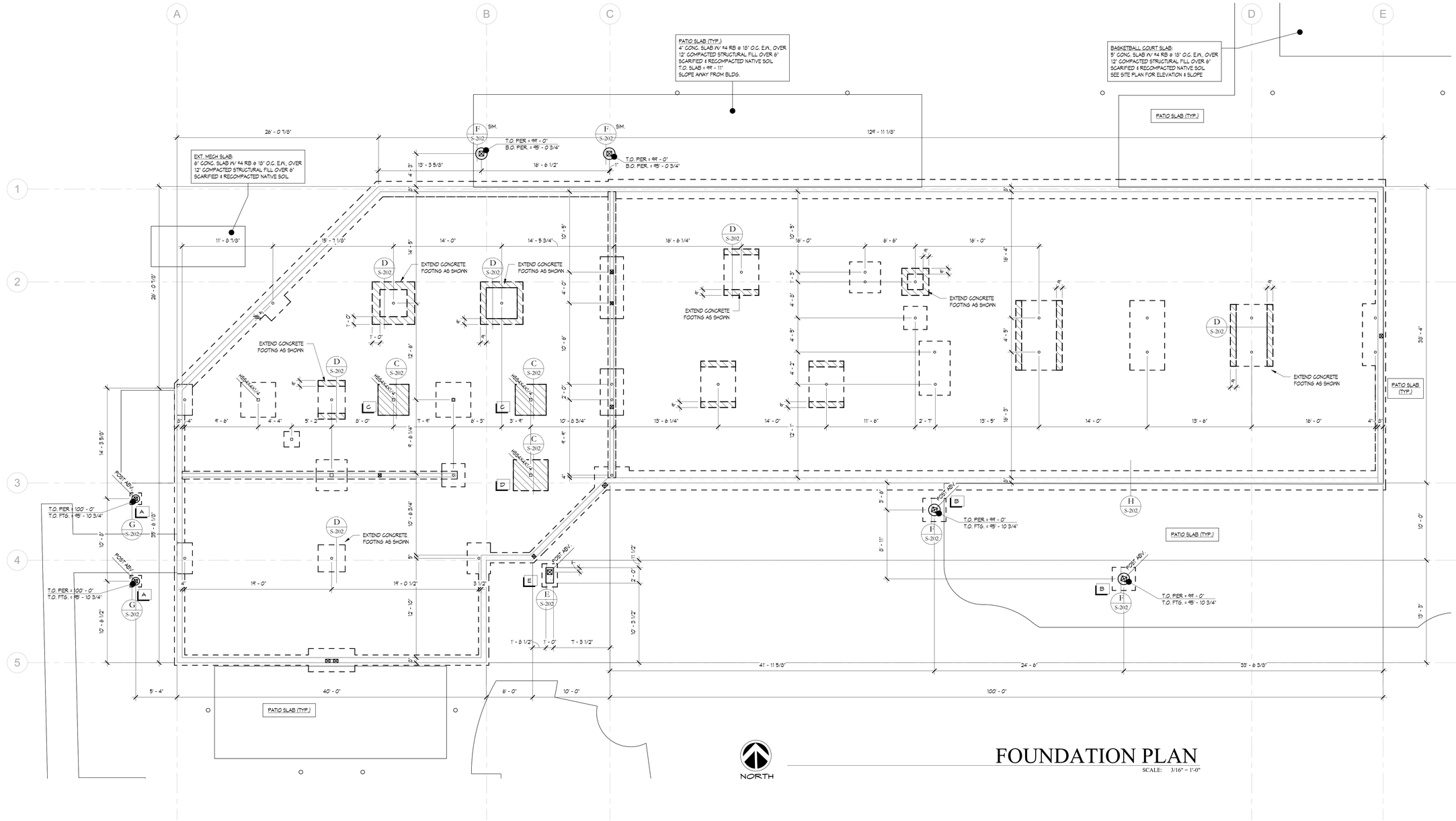
J. HOLDDOWNS TO BE INSTALLED PER MNFR. COORDINATE HOLDDOWN LOCATIONS WITH WINDOW AND DOOR PLACEMENTS (SEE ARCH.) REFER TO S-101 FOR ANCHOR BOLT EMBED DEPTHS.

K. ISOLATED PIER DEPTHS AND ELEVATIONS MAY VARY. VERIFY IN FIELD.

L. CERTAIN SHEAR WALLS MAY REQUIRE CLOSER ANCHOR BOLT SPACING; REFER TO FRAMING PLAN FOR SHEAR WALL CALLOUTS.

M. CONTRACTOR TO ENSURE THAT ALL UTILITY SUBS COORDINATE WITH THE FOUNDATION PLAN LAYOUT.

N. BACKFILL SEQUENCING:
- FOR ALL FOUNDATIONS, PLACE CRAWL SPACE BACKFILL UP TO EMBED DEPTH AS REQUIRED PRIOR TO PLACING EXTERIOR BACKFILL. PLACE BACKFILL IN LIFTS AROUND ENTIRE PERIMETER BEFORE BACKFILL IS PLACED ABOVE THE RELEVANT FLOOR SYSTEM.
- FOR FOUNDATION WALLS THAT EXTEND ABOVE A FLOOR SYSTEM, DO NOT BACKFILL UNTIL FLOOR SYSTEM (SHEATHED OR CURED) IS IN PLACE.
- FOR FULL HEIGHT BASEMENT/WALKOUT RETAINING WALLS (EXTENDING TO FLOOR ABOVE), THE LOWER FLOOR SYSTEM, UPPER FLOOR SYSTEM AND SHEATHING ON SHEAR WALLS BETWEEN AND BELOW MUST BE IN PLACE PRIOR TO BACKFILL BEING PLACED BEYOND 4' ABOVE LOWER FLOOR. CONTACT A/E FOR QUESTIONS OR CLARIFICATIONS REGARDING SHEATHING OR SEQUENCING.



NORTH

FOUNDATION PLAN

SCALE: 3/16" = 1'-0"

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COLORADO REGISTERED PROFESSIONAL ENGINEER
JACOB T. REYNOLDS
32 PE
PROFESSIONAL ENGINEER

8/31/2026 8:57:16 PM

PROJECT TEAM:

THE BOYS AND GIRLS CLUB OF THE SOUTHERN INDIAN TRIBE
296 MOUACHE CR.
IGNACIO, CO 81137

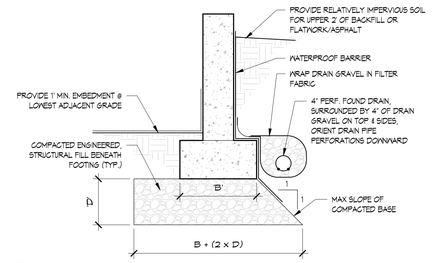
JOB. NO.:	25190
ISSUE DATE:	2026-08-31
DRAWN BY:	DCM

ISSUE RECORD:
2026-04-07 DD PROGRESS SET
2026-07-08 50% DD PHASE AND SWP
CD PHASE 2026-08-31

REVISIONS:

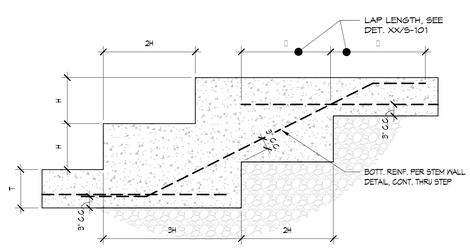
S-201
FOUNDATION PLAN

PRINT DATE: 8/31/2026 8:57:16 PM



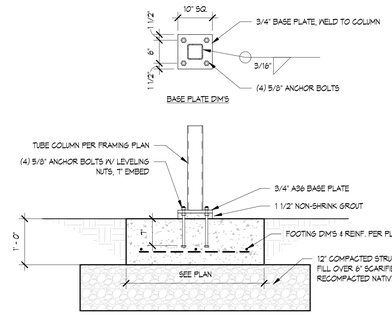
NOTE
1. THIS DETAIL IS APPLICABLE TO ALL EXTERIOR FOOTINGS UNLESS OTHERWISE NOTED.
2. EXTERIOR BACKFILL SHALL BE IMPORTED STRUCTURAL GRANULAR FILL UNLESS SPECIFICALLY NOTED BY ENGINEER. STRUCTURAL GRANULAR FILL MAY BE CDOT CLASS 6 SOIL OR 3/4" WASHED GRAVEL BACKFILL.
3. PERFORATED PIPE TO BE PLACED NEAR BOTTOM OF FOOTING AND A MINIMUM OF 1' BELOW LOWEST FLOOR AT THE HIGH POINT.

DRAINAGE & BACKFILL A
SCALE: 3/4" = 1'-0" S-202

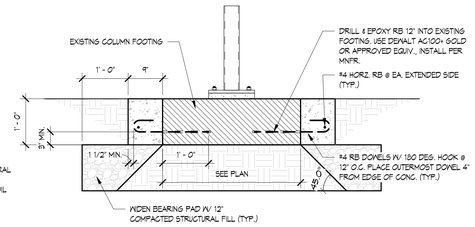


NOTE: STEP HEIGHT 'H' NOT TO EXCEED 2' - 8" UNLESS SPECIFICALLY EXCEPTED BY A/E.

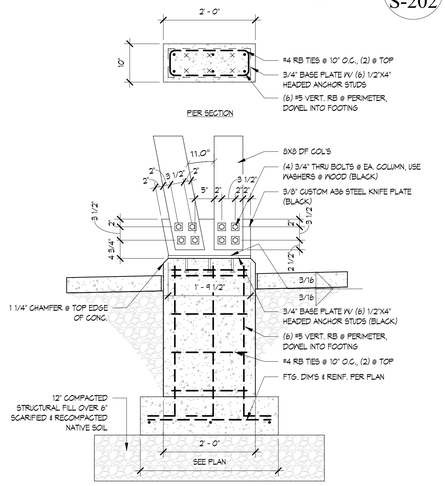
STEPPED FOOTING DET. B
SCALE: 3/4" = 1'-0" S-202



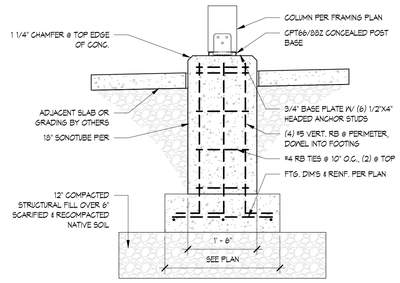
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SCALE: 3/4" = 1'-0" S-202



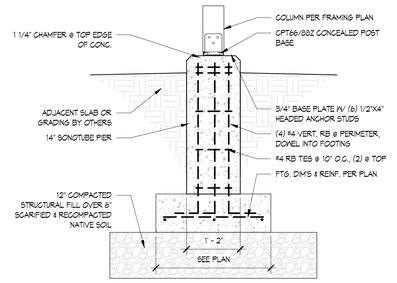
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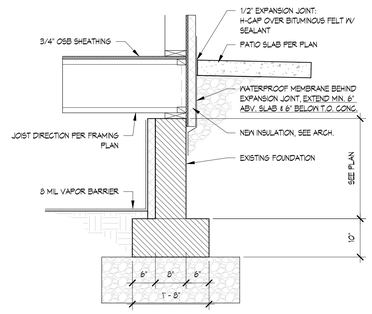
ENTRY PIER DETAIL E
SCALE: 3/4" = 1'-0" S-202



COLUMN PIER 1 F
SCALE: 3/4" = 1'-0" S-202



COLUMN PIER 2 G
SCALE: 3/4" = 1'-0" S-202



SLAB @ LOW STEM H
SCALE: 3/4" = 1'-0" S-202

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8/31/2026 8:57:16 PM

PROJECT TEAM:

THE BOYS AND GIRLS CLUB OF THE SOUTHERN INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

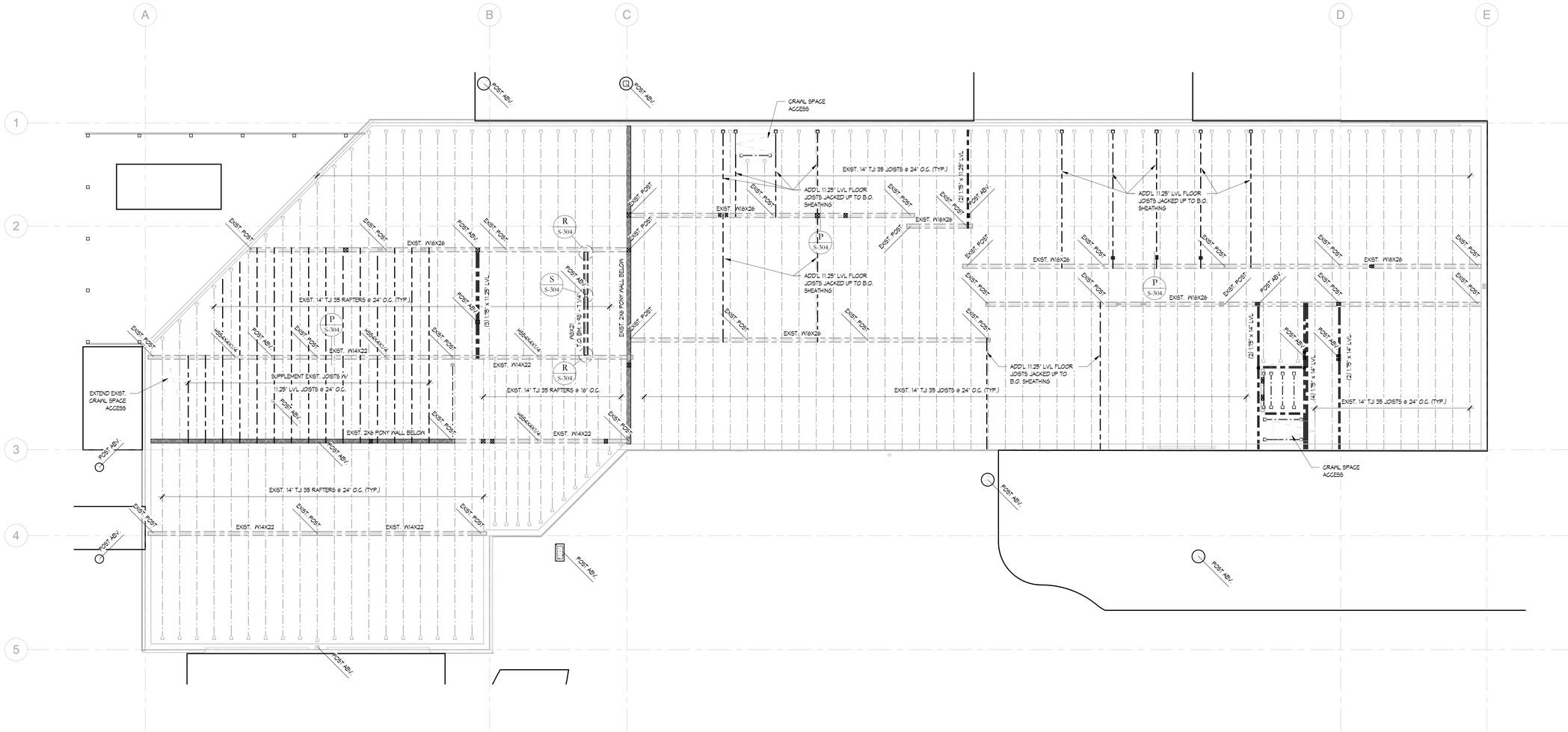
JOB. NO.:	**25190**
ISSUE DATE:	**2026-08-31**
DRAWN BY:	**DCM**

ISSUE RECORD:
2026-04-07 DD PROGRESS SET
2026-07-06 50% DD PHASE AND SWP
CD PHASE 2026-08-31

REVISIONS:

S-202
FOUNDATION DETAILS

PRINT DATE: 8/31/2026 8:57:16 PM



NORTH

MAIN LEVEL FRAMING PLAN

SCALE: 3/16" = 1'-0"

LEDGER SCHEDULE	
No.	DESCRIPTION
1	P.T. 2X12 SPF1 LEDGER, SECURE TO RIM BD. BLOCKING W/ LEDGERLOK FASTENERS @ 8" O.C.

GENERAL FRAMING PLAN NOTES:

A. ALL PRODUCTS NOTED MAY BE SUBSTITUTED WITH EQUAL PRODUCTS BY TRUS-JOIST, BOISE CASCATE, INTERNATIONAL PAPER, OR LOUISIANA PACIFIC, OR ROSEBURG.

B. ALL STRUCTURAL COMPOSITE MEMBERS (LVL, PSL, ETC..) SHALL BE GRADED AS 24F-1.8E OR BETTER.

C. ALL GLULAM BEAMS ARE TO BE 20F-V12 RATED (ALASKAN YELLOW) AND ARCHITECTURAL APPEARANCE GRADE UNLESS OTHERWISE NOTED.

D. ROOF TRUSSES AND CORRESPONDING HANGERS SHALL BE SIZED BY TRUSS MANUFACTURER. SEE GENERAL NOTES ON S-101.

E. POSTS SHALL CARRY DOWN TO THE FOUNDATION.

F. HEADER SCHEDULE: HA-B, WHERE:
"A" = NUMBER OF PLIES
"B" = NOMINAL MEMBER SIZE
HA-B
8 = 2X8 D.F. #1
10 = 2X10 D.F. #1
12 = 2X12 D.F. #1
7.25 = 1.75"X7.25" LVL
9.5 = 1.75"X9.5" LVL
11.875 = 1.75"X11.875" LVL
14 = 1.75"X14" LVL

G. POST SCHEDULE: PAB, WHERE:
"A" = NUMBER OF JACK OR CRIPPLE STUDS
"B" = NOMINAL KING STUDS
FOR POSTS NOT OTHERWISE NOTED, SEE NOTES 9 & 10 OF WOOD CONSTRUCTION NOTES ON S-101.
P44 = 4X4 TIMBER
P66 = 6X6 TIMBER
P88 = 8X8 TIMBER
P1010 = 10X10 TIMBER
5.25X9.25 = 5.25"X9.25" 1.8E PSL COLUMN
5.25X7.00 = 5.25"X7.00" 1.8E PSL COLUMN

H. ALL HEADERS IN BEARING AND EXTERIOR WALLS NOT OTHERWISE NOTED SHALL BE (2) 2X8'S.

I. WHERE BEAMS/HEADERS ARE NOTED AS "FLUSH", PLACE TOP OF BEAM FLUSH WITH TOP OF JOISTS, AND HANG JOISTS FROM BEAM WHERE APPLICABLE.

J. FRAMING PLAN ELEVATIONS ARE TO TOP OF BEAM UNLESS OTHERWISE NOTED.

K. SEE GENERAL NOTES ON S-101 FOR SHEATHING CONNECTION REQUIREMENTS.

L. STUDS THAT EXCEED 13' HEIGHT SHALL BE STRUCTURAL COMPOSITE STUDS.

M. BACKFILL SEQUENCING:
SEE NOTE N/S-201 FOR NOTES REGARDING BACKFILL SEQUENCING.

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32 Reyn
PROFESSIONAL ENGINEER

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PROJECT TEAM:

PRINT DATE: 8/31/2026 8:57:16 PM

THE BOYS AND GIRLS CLUB OF THE SOUTHERN INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

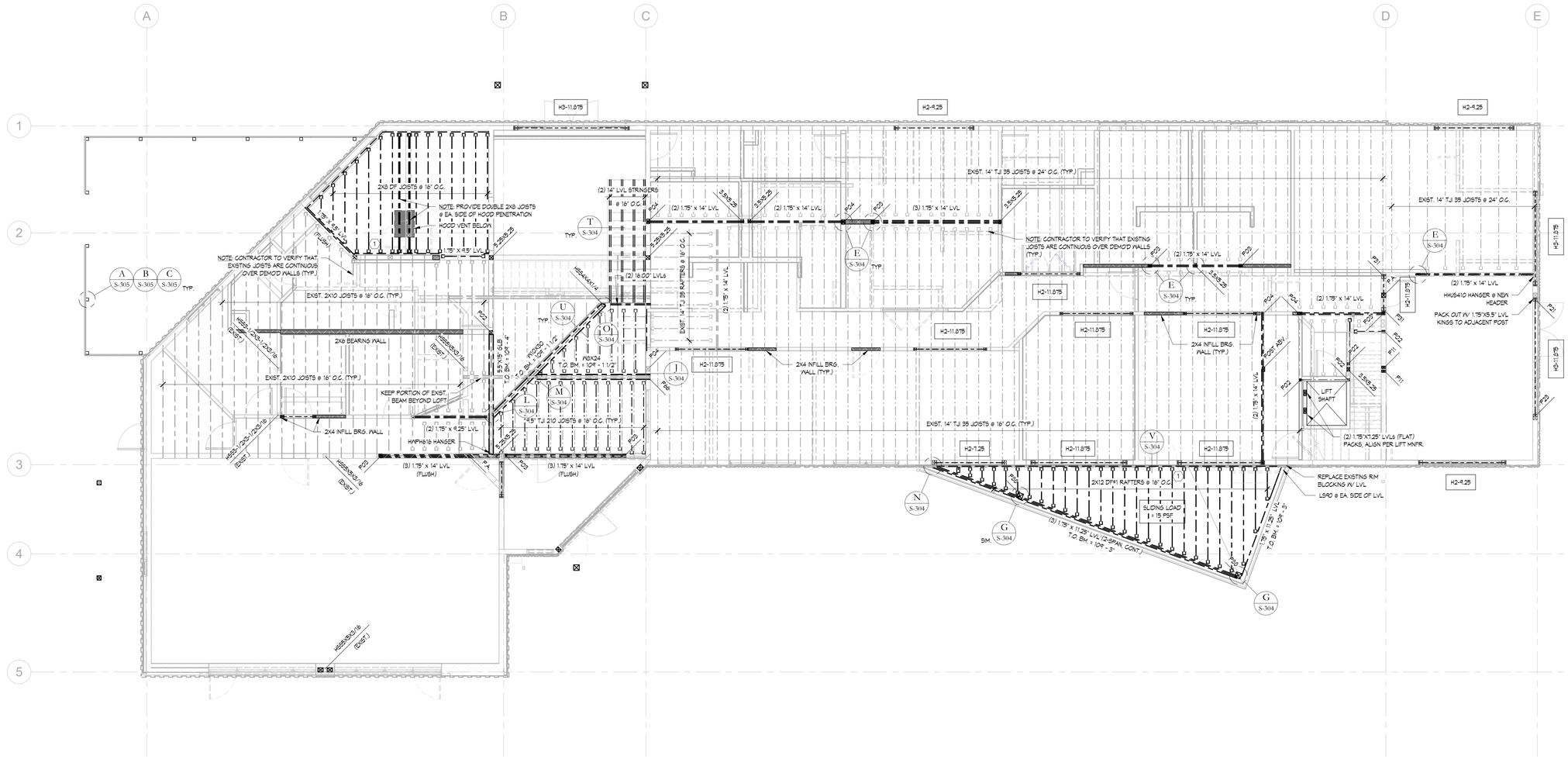
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ISSUE DATE:	2026-08-31
DRAWN BY:	DCM

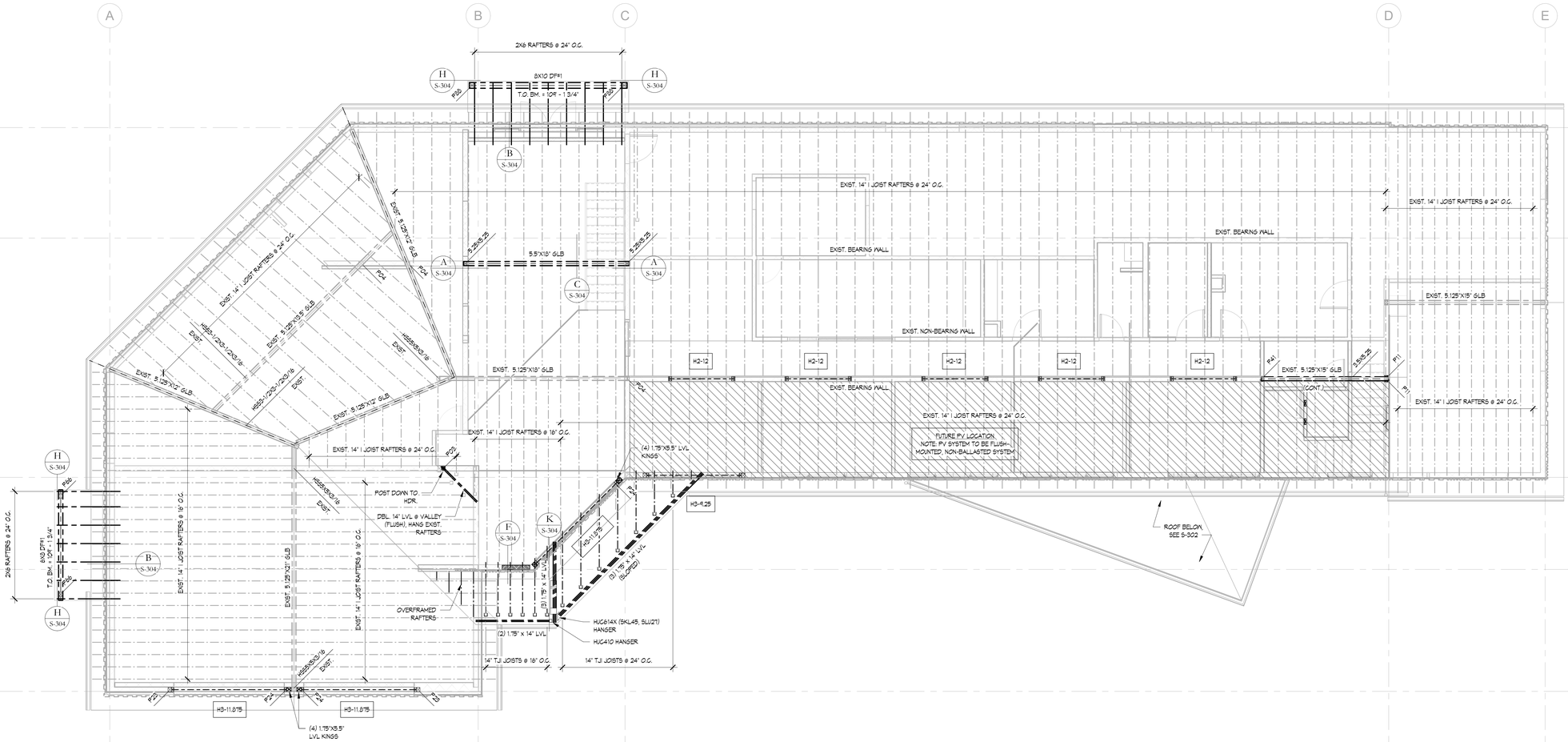
ISSUE RECORD:
2026-04-07 DD PROGRESS SET
2026-07-06 100% DD PHASE AND DEP
CD PHASE 2026-08-31

REVISIONS:

S-301

MAIN LEVEL FRAMING PLAN


A
B
C
D
E
1
2
3
4
5
H3-11.875
H2-9.25
H2-11.875
H2-7.25
2X8 DF JOISTS @ 16" O.C.
NOTE: PROVIDE DOUBLE 2X8 JOISTS @ EA. SIDE OF HOOD PENETRATION
HOOD VENT BELOW
1.75" X 9.5" LVL
NOTE: CONTRACTOR TO VERIFY THAT EXISTING JOISTS ARE CONTINUOUS OVER DEMO'D WALLS (TYP.)
EXIST. 2X10 JOISTS @ 16" O.C. (TYP.)
2X8 BEARING WALL
EXIST. 2X10 JOISTS @ 16" O.C. (TYP.)
KEEP PORTION OF EXIST. BEAM BEYOND LOFT
2X4 INFILL BRG. WALL
(2) 1.75" X 9.25" LVL
HWFH518 HANGER
(3) 1.75" X 14" LVL (FLUSH)
(3) 1.75" X 14" LVL (FLUSH)
(2) 14" LVL STRINGERS @ 16" O.C.
(2) 1.75" X 14" LVL
(2) 1.75" X 14" LVL
(3) 1.75" X 14" LVL
EXIST. 14" TJI 55 RAFTERS @ 16" O.C.
(2) 1.75" X 14" LVL
(2) 16.00" LVLS
HSS4X4X1/4
HSS6X6X5/16
HSS4X4X1/4
HSS6X6X5/16
HSS6X6X5/16
HSS6X6X5/16
HSS4X4X1/4
HSS4X4X1/4
HSS6X6X5/16
HSS6X6X5/16
HSS6X6X5/16



ROOF FRAMING PLAN

SCALE: 3/16" = 1'-0"

LEDGER SCHEDULE	
No.	DESCRIPTION
1	P.T. 2X12 SP#1 LEDGER, SECURE TO RIM BD. BLOCKING W/ LEDGERLOK FASTENERS @ 8" O.C.

GENERAL FRAMING PLAN NOTES:

A. ALL PRODUCTS NOTED MAY BE SUBSTITUTED WITH EQUAL PRODUCTS BY TRUS-JOIST, BOISE CASCATE, INTERNATIONAL PAPER, OR LOUISIANA PACIFIC, OR ROSEBURG.

B. ALL STRUCTURAL COMPOSITE MEMBERS (LVL, PSL, ETC..) SHALL BE GRADED AS 24F-1.8E OR BETTER.

C. ALL GULLAM BEAMS ARE TO BE 20F-V12 RATED (ALASKAN YELLOW) AND ARCHITECTURAL APPEARANCE GRADE UNLESS OTHERWISE NOTED.

D. ROOF TRUSSES AND CORRESPONDING HANGERS SHALL BE SIZED BY TRUSS MANUFACTURER. SEE GENERAL NOTES ON S-101.

E. POSTS SHALL CARRY DOWN TO THE FOUNDATION.

F. HEADER SCHEDULE: HA-B, WHERE:
"A" = NUMBER OF PLIES
"B" = NOMINAL MEMBER SIZE
8 = 2X8 D.F. #1
10 = 2X10 D.F. #1
12 = 2X12 D.F. #1
7.25 = 1.75"X7.25" LVL
9.5 = 1.75"X9.5" LVL
11.875 = 1.75"X11.875" LVL
14 = 1.75"X14" LVL
HA-B

G. POST SCHEDULE: PAB, WHERE:
"A" = NUMBER OF JACK OR CRIPPLE STUDS
"B" = NOMINAL KING STUDS
FOR POSTS NOT OTHERWISE NOTED, SEE NOTES 9 & 10 OF WOOD CONSTRUCTION NOTES ON S-101.
P44 = 4X4 TIMBER
P66 = 6X6 TIMBER
P88 = 8X8 TIMBER
P1010 = 10X10 TIMBER
5.25X9.25 = 5.25"X9.25" 1.8E PSL COLUMN
5.25X11.00 = 5.25"X11.00" 1.8E PSL COLUMN
P-B

H. ALL HEADERS IN BEARING AND EXTERIOR WALLS NOT OTHERWISE NOTED SHALL BE (2) 2X9'S.

I. WHERE BEAMS/HEADERS ARE NOTED AS "FLUSH", PLACE TOP OF BEAM FLUSH WITH TOP OF JOISTS, AND HANG JOISTS FROM BEAM WHERE APPLICABLE.

J. FRAMING PLAN ELEVATIONS ARE TO TOP OF BEAM UNLESS OTHERWISE NOTED.

K. SEE GENERAL NOTES ON S-101 FOR SHEATHING CONNECTION REQUIREMENTS.

L. STUDS THAT EXCEED 13' HEIGHT SHALL BE STRUCTURAL COMPOSITE STUDS.

M. BACKFILL SEQUENCING:
SEE NOTE N/S-201 FOR NOTES REGARDING BACKFILL SEQUENCING.

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PROFESSIONAL ENGINEER

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PROJECT TEAM:

PRINT DATE: 8/31/2026 8:57:18 PM

THE BOYS AND GIRLS CLUB OF THE SOUTHERN INDIAN TRIBE

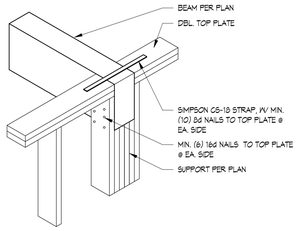
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JOB. NO.:	25190
ISSUE DATE:	2026-08-31
DRAWN BY:	DCM

ISSUE RECORD:
2026-06-17 DD PROGRESS SET
2026-07-06 100% DD PUSH AND HEP
CD PHASE 2026-08-31

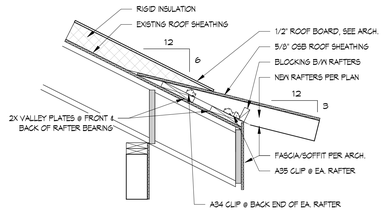
REVISIONS:

S-303
ROOF FRAMING PLAN



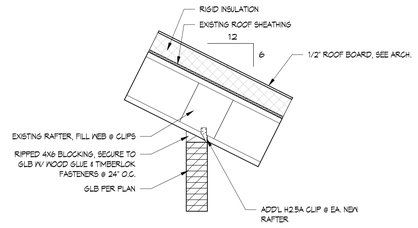
BEAM/WALL CONN. A

SCALE: 3/4" = 1'-0" S-304



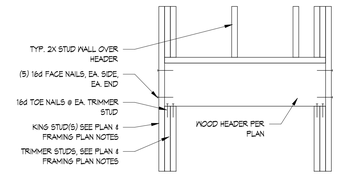
AWNING/WALL CONN. B

SCALE: 3/4" = 1'-0" S-304



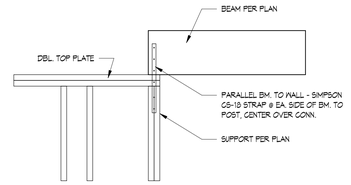
DROPPED GLB CONN. C

SCALE: 3/4" = 1'-0" S-304



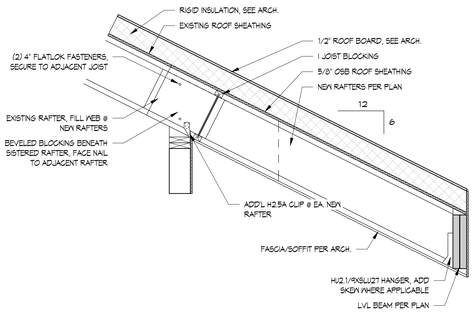
TYP. HEADER DETAIL D

SCALE: 3/4" = 1'-0" S-304



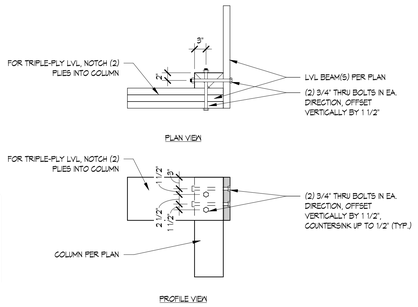
BEAM/WALL CONN. E

SCALE: 3/4" = 1'-0" S-304



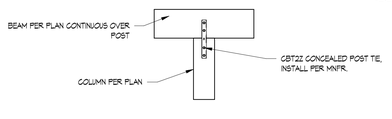
SISTERED EAVE EXT. F

SCALE: 3/4" = 1'-0" S-304



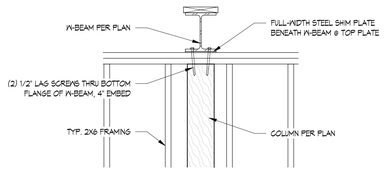
COLUMN/BEAM CONN. G

SCALE: 3/4" = 1'-0" S-304



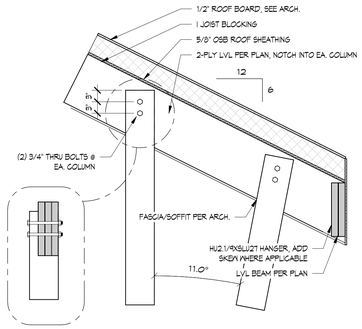
TIMBER BEAM/COLUMN H

SCALE: 3/4" = 1'-0" S-304



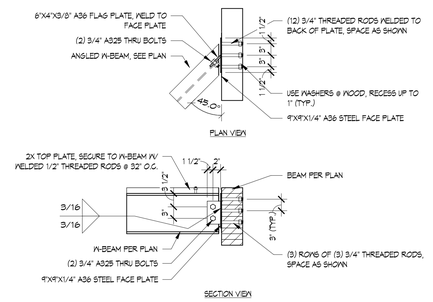
W-BEAM/STUD CONN. J

SCALE: 3/4" = 1'-0" S-304



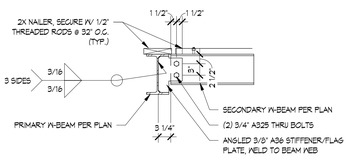
ENTRY COLUMN CONN. K

SCALE: 3/4" = 1'-0" S-304



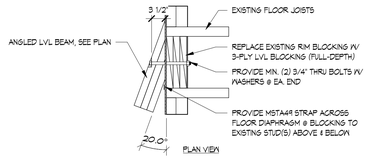
EMBED PLATE DETAIL L

SCALE: 3/4" = 1'-0" S-304



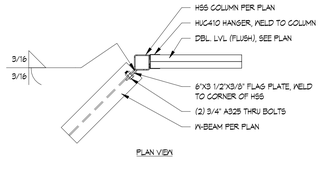
BEAM/BEAM CONN. M

SCALE: 3/4" = 1'-0" S-304



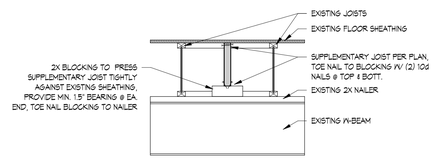
EMBED PLATE DETAIL N

SCALE: 3/4" = 1'-0" S-304



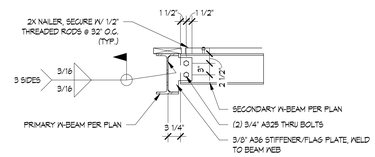
W-BEAM/LVL @ COL. O

SCALE: 3/4" = 1'-0" S-304



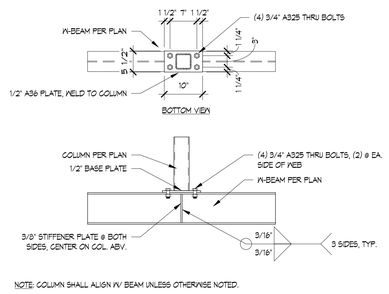
SUPP. JOIST BEARING P

SCALE: 3/4" = 1'-0" S-304



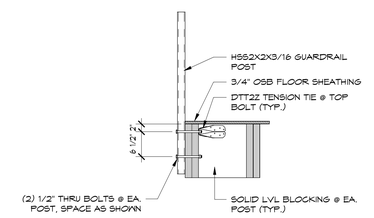
BEAM/BEAM CONN.2 R

SCALE: 3/4" = 1'-0" S-304



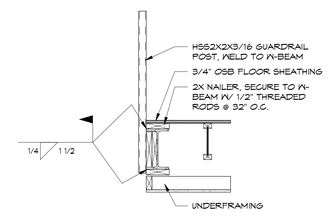
HSS @ W-BEAM S

SCALE: 3/4" = 1'-0" S-304



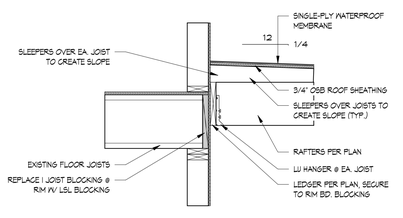
GUARDRAIL ATTACH. T

SCALE: 3/4" = 1'-0" S-304



GUARDRAIL ATTACH. 2 U

SCALE: 3/4" = 1'-0" S-304



CANOPY/WALL CONN. V

SCALE: 3/4" = 1'-0" S-304

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COLORADO REGISTERED PROFESSIONAL ENGINEER
JOSEPH D. REYNOLDS
32179
PRINCIPAL

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PROJECT TEAM:

PRINT DATE: 8/31/2026 8:57:18 PM

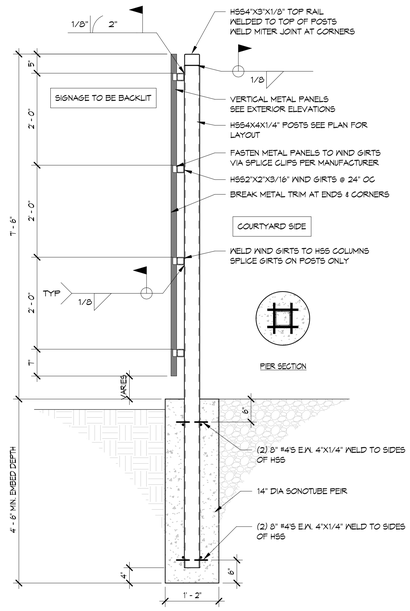
THE BOYS AND GIRLS CLUB OF THE SOUTHERN INDIAN TRIBE
296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	25190
ISSUE DATE:	2026-08-31
DRAWN BY:	DCM

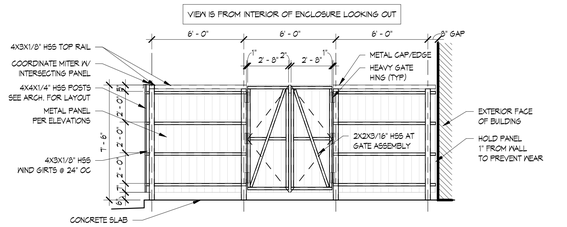
ISSUE RECORD:
2026-04-07 DD PROGRESS SET
2026-07-06 100% DD PFCOF AND FRP CD PFCOF 2026-08-31

REVISIONS:

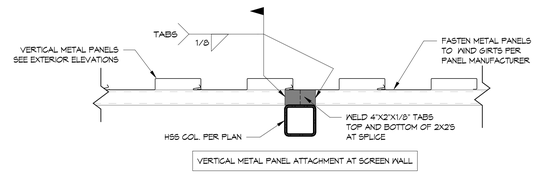
S-304
FRAMING DETAILS



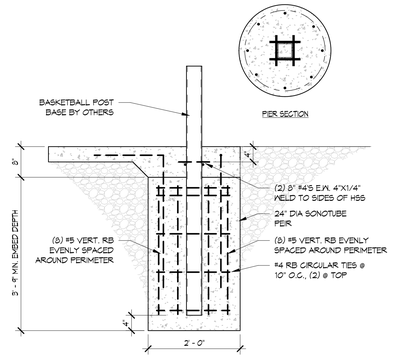
SCREEN WALL SECTION A
SCALE: 3/4" = 1'-0" S-305



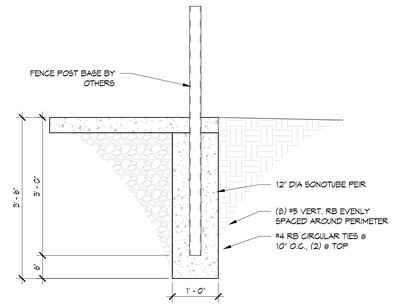
TYP. SCREEN WALL DET. B
SCALE: 1/4" = 1'-0" S-305



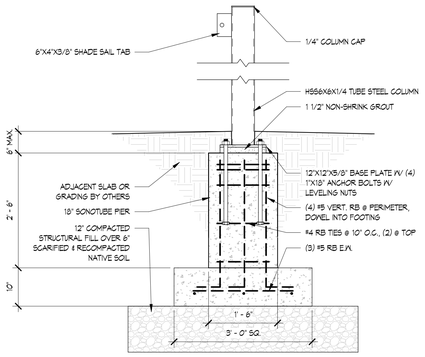
POST/ PANEL CONN. C
SCALE: 1 1/2" = 1'-0" S-305



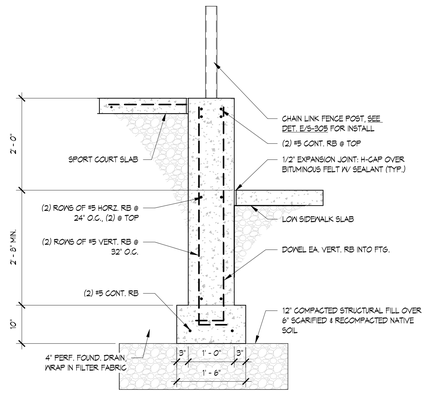
B-BALL HOOP FOOTING D
SCALE: 3/4" = 1'-0" S-305



CHAIN LINK POST FTG. E
SCALE: 3/4" = 1'-0" S-305



SHADE SAIL POST F
SCALE: 3/4" = 1'-0" S-305



B-BALL RET. WALL DET. G
SCALE: 3/4" = 1'-0" S-305

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PROJECT TEAM:

THE BOYS AND GIRLS CLUB OF THE SOUTHERN INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **DCM**

ISSUE RECORD:
2026-04-07 DD PROGRESS SET
2026-07-01 100% DD PHASE AND DEP
CD PHASE 2026-08-31

REVISIONS:

S-305
SITE STRUCTURAL DETAILS

GENERAL FLOOR PLAN NOTES

A. DIMENSIONS INDICATED ARE FROM FACE OF STUD AND TO FACE OF STUD UNLESS OTHERWISE NOTED. SEE ENLARGED FLOOR PLANS FOR ADDITIONAL DIMENSIONS NOT INDICATED ON OVERALL PLANS.

B. REFER TO MECHANICAL DRAWINGS FOR NEW HEATING AND COOLING DESIGN.

C. NO DUCTWORK, PIPE, VENT, ETC. SHALL PENETRATE A STRUCTURAL MEMBER WITHOUT PERMISSION FROM THE STRUCTURAL ENGINEER OF RECORD.

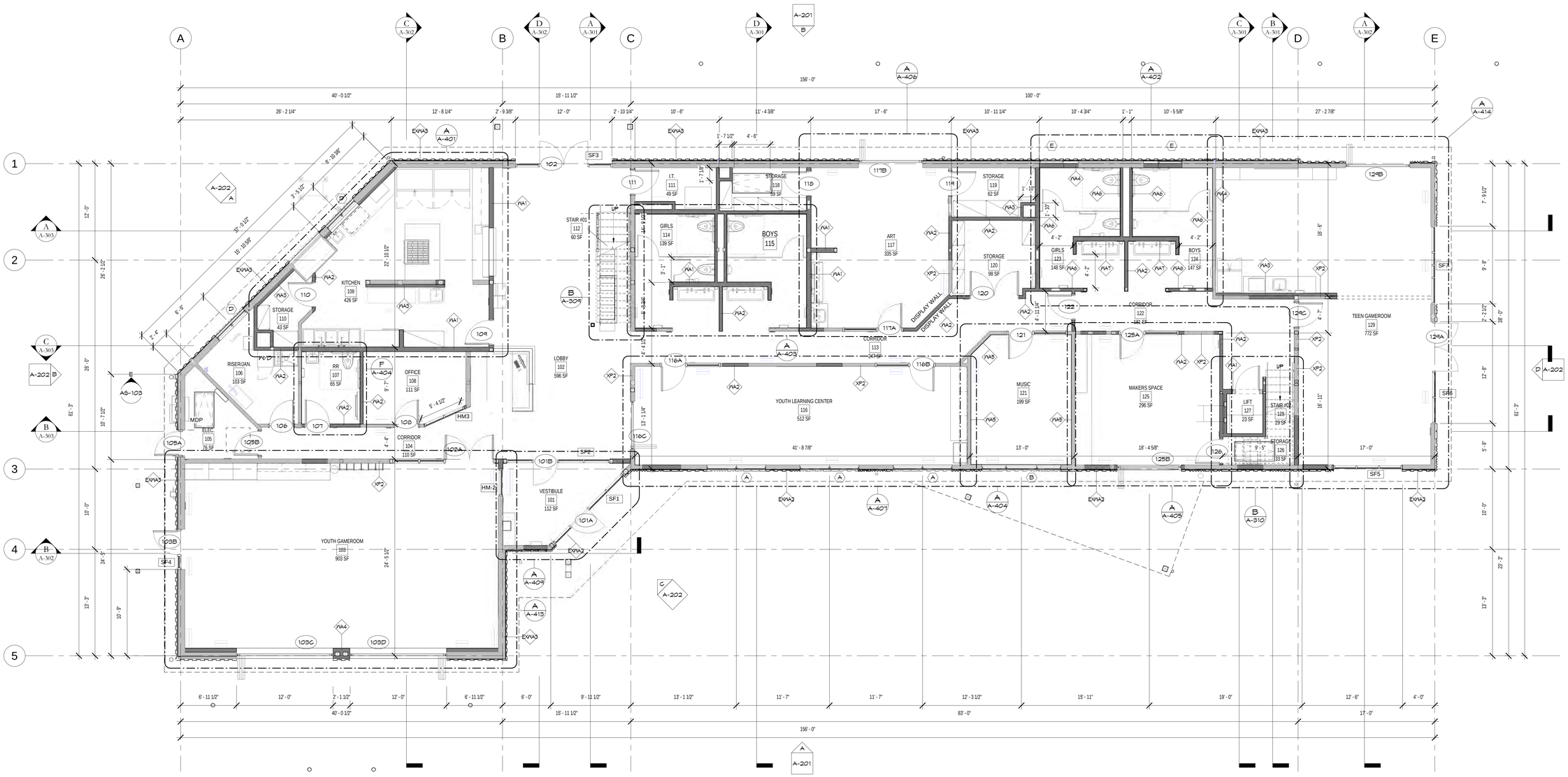
D. REFER TO ELECTRICAL DRAWINGS FOR SERVICE AND DISTRIBUTION.

E. LAYOUT OF ALL LIGHT FIXTURES TO BE CENTERED IN ROOM, UNLESS NOTED OTHERWISE.

F. REFER TO STRUCTURAL FOR NEW OPENINGS, EXPANDED OPENINGS AND EXISTING OPENINGS TO BE CLOSED UP.

G. WHERE AN EXISTING CONDITION OR FRAMING MEMBER DIFFERS FROM WHAT IS SHOWN IN THE PLANS, CONTRACTOR TO NOTIFY ARCHITECT.

H. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD AND NOTIFY OF ARCHITECT OF ANY DISCREPANCIES



NORTH

FIRST FLOOR PLAN - OVERALL

3/16" = 1'-0"

A-101

REYNOLDS ASH + ASSOCIATES
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STATE OF COLORADO
LOUIS RENCKEN
REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

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THE BOYS AND GIRLS CLUB OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-101
FIRST FLOOR PLAN - OVERALL

0 2.5 5 10
0 2"

GENERAL FLOOR PLAN NOTES

A. DIMENSIONS INDICATED ARE FROM FACE OF STUD AND TO FACE OF STUD UNLESS OTHERWISE NOTED. SEE ENLARGED FLOOR PLANS FOR ADDITIONAL DIMENSIONS NOT INDICATED ON OVERALL PLANS.

B. REFER TO MECHANICAL DRAWINGS FOR NEW HEATING AND COOLING DESIGN.

C. NO DUCTWORK, PIPE, VENT, ETC. SHALL PENETRATE A STRUCTURAL MEMBER WITHOUT PERMISSION FROM THE STRUCTURAL ENGINEER OF RECORD.

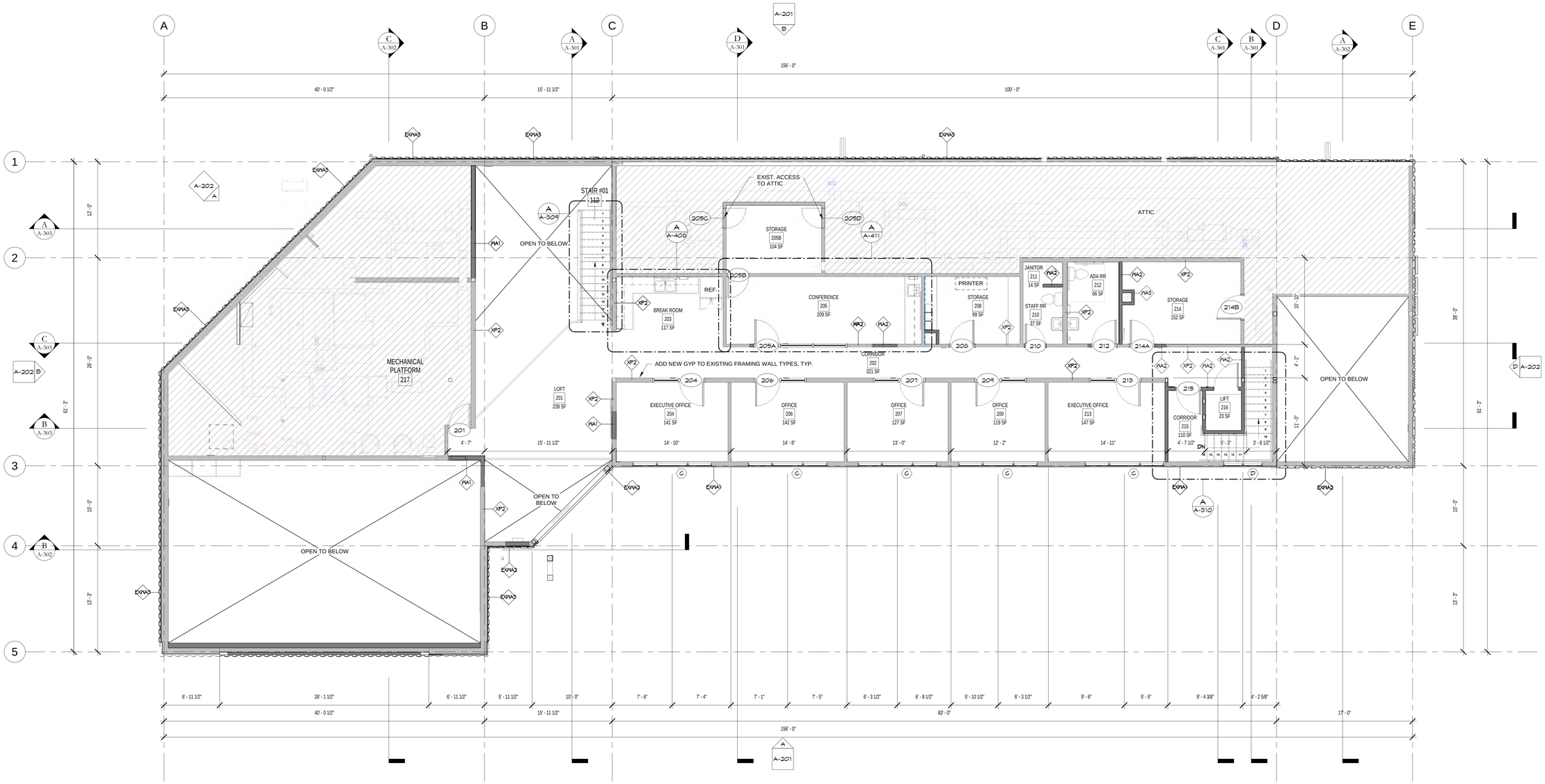
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H. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD AND NOTIFY OF ARCHITECT OF ANY DISCREPANCIES



NORTH

SECOND FLOOR PLAN - OVERALL

3/16" = 1'-0"

A
A-102

REYNOLDS ASH + ASSOCIATES
ARCHITECTURE ENGINEERING

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CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

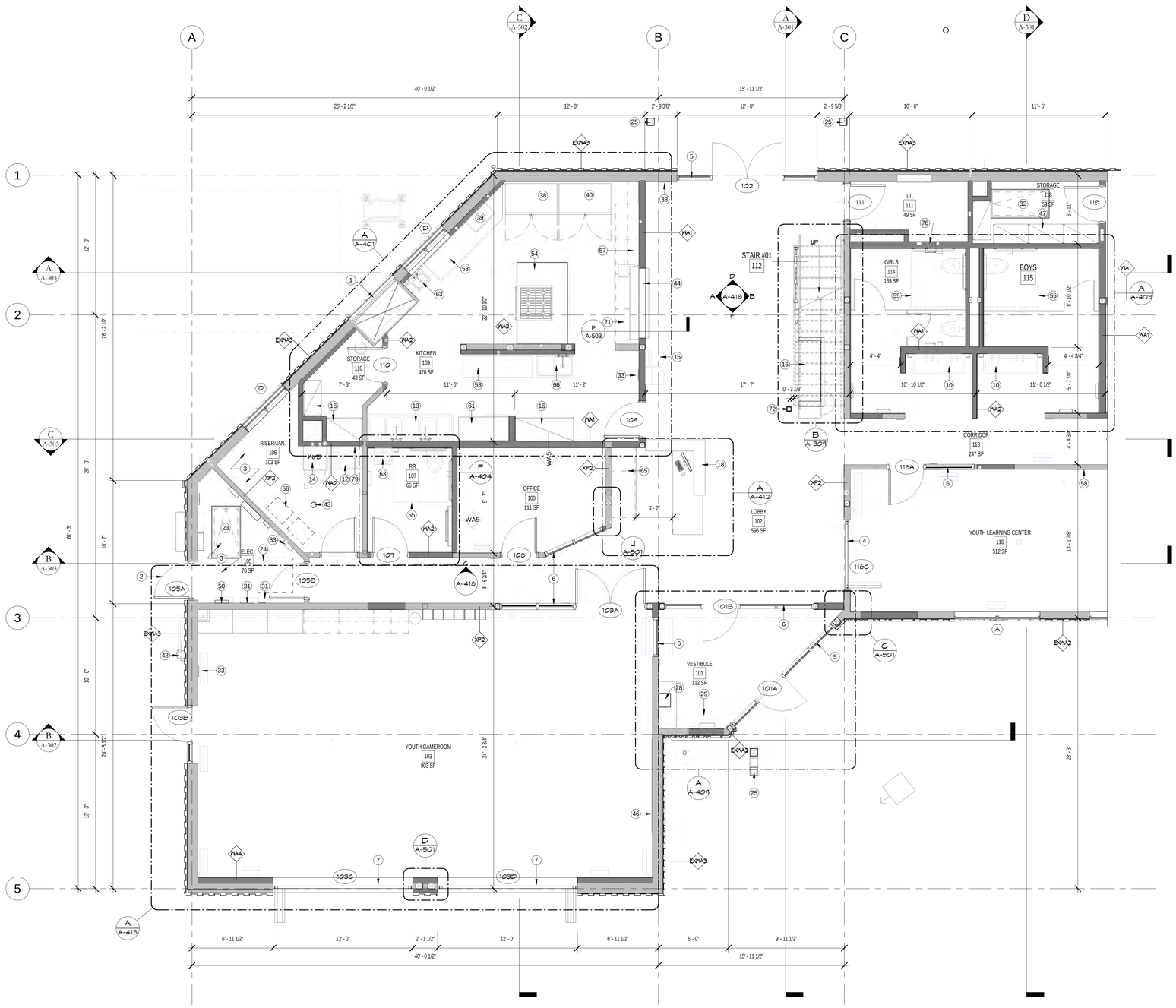
JOB. NO.:	**25190**
ISSUE DATE:	**2026-08-31**
DRAWN BY:	**LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-102
SECOND FLOOR PLAN - OVERALL

0 2.5' 5' 10'
0 2'



NORTH

FIRST FLOOR PLAN - ENLARGED

A-103

1/4" = 1'-0"

GENERAL FLOOR PLAN NOTES

A. DIMENSIONS INDICATED ARE FROM FACE OF STUD AND TO FACE OF STUD UNLESS OTHERWISE NOTED. SEE ENLARGED FLOOR PLANS FOR ADDITIONAL DIMENSIONS NOT INDICATED ON OVERALL PLANS.

B. REFER TO MECHANICAL DRAWINGS FOR NEW HEATING AND COOLING DESIGN.

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H. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD AND NOTIFY OF ARCHITECT OF ANY DISCREPANCIES

PROPOSED FLOOR PLAN KEYNOTES

1 KEEP EXISTING LOUVER, SEE MEP, PAINT AS SCHEDULED
2 EXISTING DOOR TO REMAIN
3 EXISTING FLOOR FINISH TO REMAIN
4 FOLDING DOOR SYSTEM, SEE SCHEDULE
5 EXTERIOR STOREFRONT WINDOWS, SEE SCHEDULE
6 INTERIOR HOLLOW-METAL WINDOWS, 7" HEAD HEIGHT
7 FOLDING DOOR SYSTEM - 9' HEAD HEIGHT
10 TROUGH SINK, SEE MEP
12 MOP SINK, SEE MEP
13 3-COMPARTMENT SINK W/ DRAIN BOARDS, SEE MEP
14 STACKED WASHER/DRYER UNIT, SEE MEP
15 DUAL HEIGHT DRINKING FOUNTAIN W/ BOTTLE FILLER
16 BUILT-IN STORAGE/SHELVING
18 RECEPTION DESK
21 COUNTERTOP @ 34" A.F.F. W/ BASE CABINETS
23 EXISTING CRAWL SPACE ACCESS TO REMAIN
24 EXISTING ATTIC ACCESS TO REMAIN
25 TIMBER POST, SEE STRUCTURAL
28 RELOCATE EXISTING VINTAGE PAYPHONE
29 BENCH, CIA701
31 FIRE ALARM CONTROL PANEL (FACP), SEE ELECTRICAL
32 CRAWL SPACE ACCESS POINT, SEE STRUCTURAL
33 FIRE EXTINGUISHER CABINET (FEC)
38 REFRIGERATOR AS SPECIFIED, SEE ELECTRICAL
39 COUNTERTOP MICROWAVE (FFE PACKAGE)
40 EXISTING FREEZER, BY OWNER + INSTALLED BY CONTRACTOR
42 GAS METER, SEE MEP
43 FLOOR DRAIN, SEE PLUMBING
44 MANUAL OVERHEAD COILING SHUTTER AS SPECIFIED
46 DISPLAY BOARD AS SPECIFIED
47 STORAGE SHELVING AS SPECIFIED
50 ELECTRICAL PANEL, SEE MEP
53 PREP COUNTER
54 KITCHEN ISLAND
55 ADA CLEARANCE, SEE CODE DETAILS
56 JANITORIAL EQUIPMENT
57 OPEN SHELVING ABOVE AS SCHEDULED
58 SMART BOARD, BY OWNER + INSTALLED BY CONTRACTOR
61 COUNTERTOP @ 36" A.F.F., OPEN BELOW
63 WALL MOUNTED SINK FIXTURE, SEE MEP
65 COUNTERTOP @ 36" A.F.F. W/ BASE CABINETS
66 SINGLE COMPARTMENT PREP SINK W/ DRAIN BOARD
72 EXISTING POST, WRAP W/ GYP
76 RADON VENT, REFER TO PLUMBING
79 BROOM SHELF

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LOUIS BENJAMIN REYNOLDS
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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

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THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	**25190**
ISSUE DATE:	**2026-08-31**
DRAWN BY:	**LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-103
FIRST FLOOR PLAN - ENLARGED

0 2.5 5 10
0 2"

PRINT DATE: 8/31/2026 11:12:31 PM

GENERAL FLOOR PLAN NOTES

A. DIMENSIONS INDICATED ARE FROM FACE OF STUD AND TO FACE OF STUD UNLESS OTHERWISE NOTED. SEE ENLARGED FLOOR PLANS FOR ADDITIONAL DIMENSIONS NOT INDICATED ON OVERALL PLANS.

B. REFER TO MECHANICAL DRAWINGS FOR NEW HEATING AND COOLING DESIGN.

C. NO DUCTWORK, PIPE, VENT, ETC. SHALL PENETRATE A STRUCTURAL MEMBER WITHOUT PERMISSION FROM THE STRUCTURAL ENGINEER OF RECORD.

D. REFER TO ELECTRICAL DRAWINGS FOR SERVICE AND DISTRIBUTION.

E. LAYOUT OF ALL LIGHT FIXTURES TO BE CENTERED IN ROOM, UNLESS NOTED OTHERWISE.

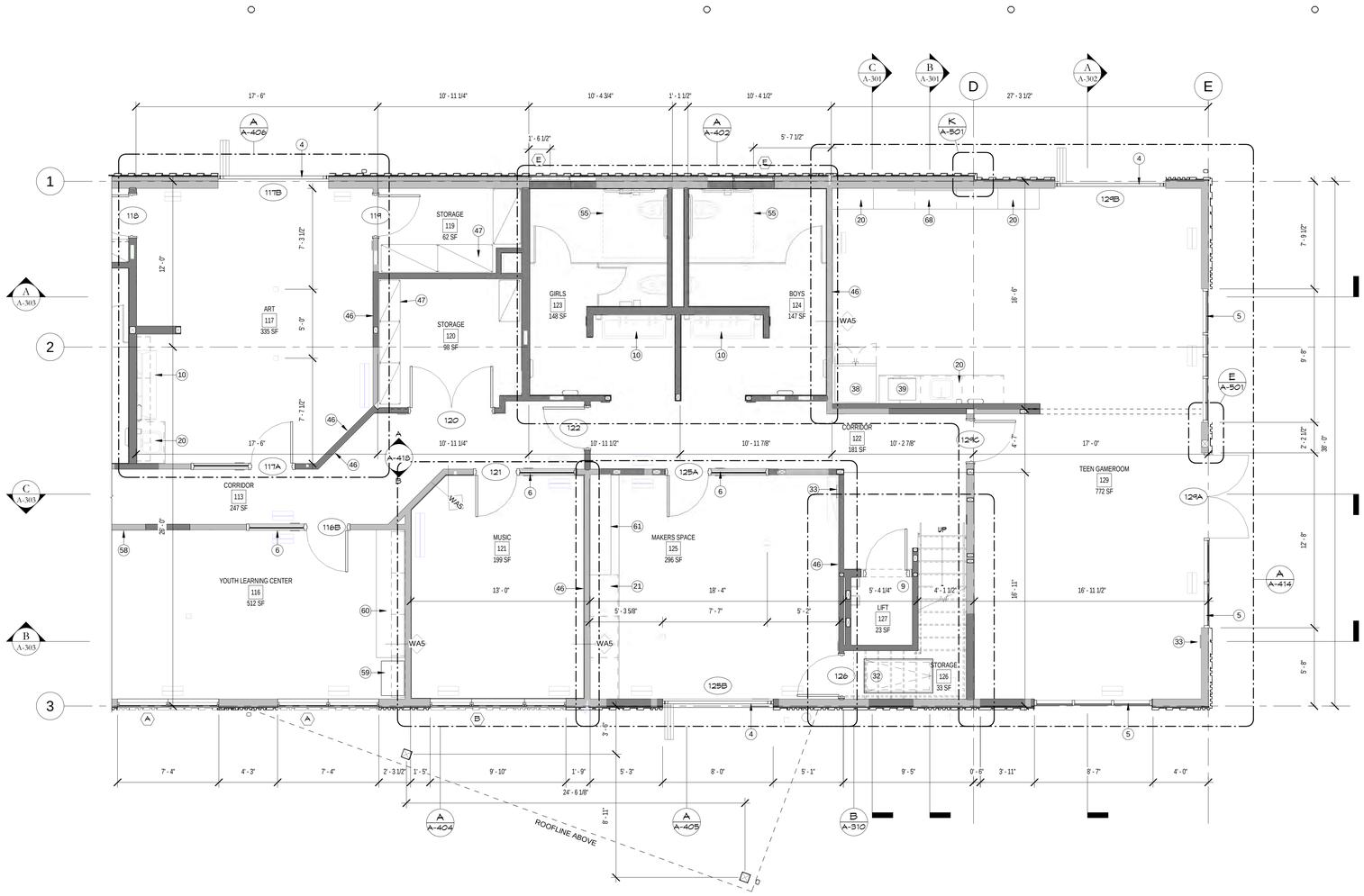
F. REFER TO STRUCTURAL FOR NEW OPENINGS, EXPANDED OPENINGS AND EXISTING OPENINGS TO BE CLOSED UP.

G. WHERE AN EXISTING CONDITION OR FRAMING MEMBER DIFFERS FROM WHAT IS SHOWN IN THE PLANS, CONTRACTOR TO NOTIFY ARCHITECT.

H. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD AND NOTIFY OF ARCHITECT OF ANY DISCREPANCIES

PROPOSED FLOOR PLAN KEYNOTES

4	FOLDING DOOR SYSTEM, SEE SCHEDULE
5	EXTERIOR STOREFRONT WINDOWS, SEE SCHEDULE
6	INTERIOR HOLLOW-METAL WINDOWS, 7' HEAD HEIGHT
9	LIFT AS SPECIFIED
10	TROUGH SINK, SEE MEP
20	COUNTERTOP W/ BASE CABINETS AND UPPER CABINETS ABOVE
21	COUNTERTOP @ 34" A.F.F. W/ BASE CABINETS
32	CRAWL SPACE ACCESS POINT, SEE STRUCTURAL
33	FIRE EXTINGUISHER CABINET (FEC)
38	REFRIGERATOR AS SPECIFIED, SEE ELECTRICAL
39	COUNTERTOP MICROWAVE (FFE PACKAGE)
46	DISPLAY BOARD AS SPECIFIED
47	STORAGE SHELVING AS SPECIFIED
55	ADA CLEARANCE, SEE CODE DETAILS
58	SMART BOARD, BY OWNER + INSTALLED BY CONTRACTOR
59	COMPUTER ON WHEELS BY OWNER
60	COUNTERTOP @ 36" A.F.F., OPEN BELOW W/ CABINETS ABOVE
61	COUNTERTOP @ 36" A.F.F., OPEN BELOW
68	BUILT-IN CASEWORK/STORAGE, SEE CASEWORK SHEET



NORTH

FIRST FLOOR PLAN - ENLARGED

1/4" = 1'-0"

A-104

REYNOLDS ASH + ASSOCIATES
ARCHITECTURE ENGINEERING

564 E. 2nd AVE SUITE 201
DURANGO, CO 81301
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STATE OF COLORADO
LOUIS BENEDICT
REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

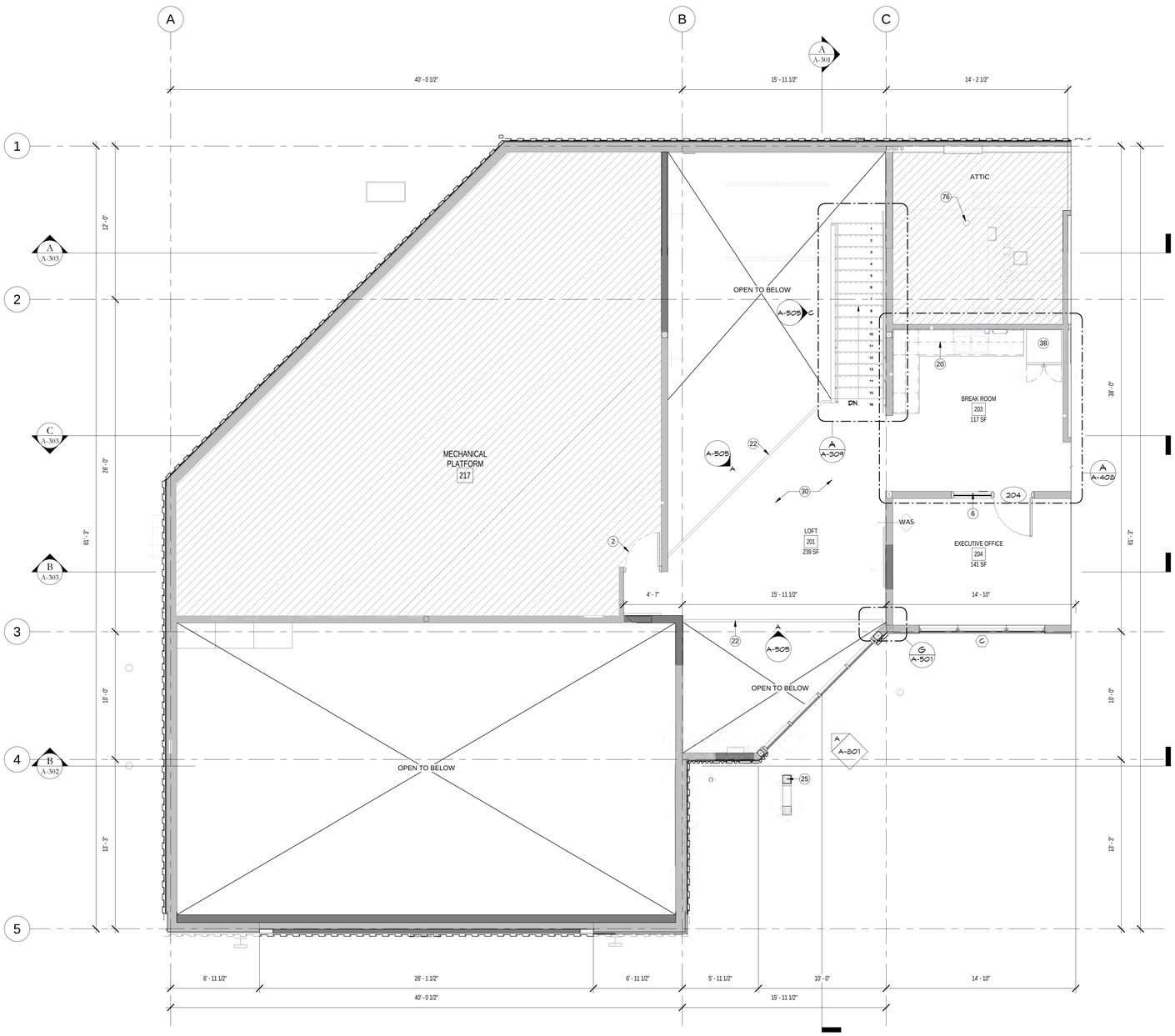
JOB. NO.:	**25190**
ISSUE DATE:	**2026-08-31**
DRAWN BY:	**LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-104
FIRST FLOOR PLAN - ENLARGED

0 2.5' 5' 10'
0 2'



NORTH

SECOND FLOOR PLAN - ENLARGED

1/4" = 1'-0"

A-105

GENERAL FLOOR PLAN NOTES

A. DIMENSIONS INDICATED ARE FROM FACE OF STUD AND TO FACE OF STUD UNLESS OTHERWISE NOTED. SEE ENLARGED FLOOR PLANS FOR ADDITIONAL DIMENSIONS NOT INDICATED ON OVERALL PLANS.

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H. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD AND NOTIFY OF ARCHITECT OF ANY DISCREPANCIES

PROPOSED FLOOR PLAN KEYNOTES

2 EXISTING DOOR TO REMAIN
6 INTERIOR HOLLOW-METAL WINDOWS, 7' HEAD HEIGHT
20 COUNTERTOP W/ BASE CABINETS AND UPPER CABINETS ABOVE
22 GUARDRAIL
25 TIMBER POST, SEE STRUCTURAL
30 AREA OF NEW FLOOR FRAMING, SEE STRUCTURAL
38 REFRIGERATOR AS SPECIFIED, SEE ELECTRICAL
76 RADON VENT, REFER TO PLUMBING

REYNOLDS ASH + ASSOCIATES
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STATE OF COLORADO
LOUIS REYNOLDS
REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

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DRAWN BY:	**LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-105
SECOND FLOOR PLAN - ENLARGED

0 2.5 5 10'
0 2"

PRINT DATE: 8/31/2026 11:13:09 PM

GENERAL FLOOR PLAN NOTES

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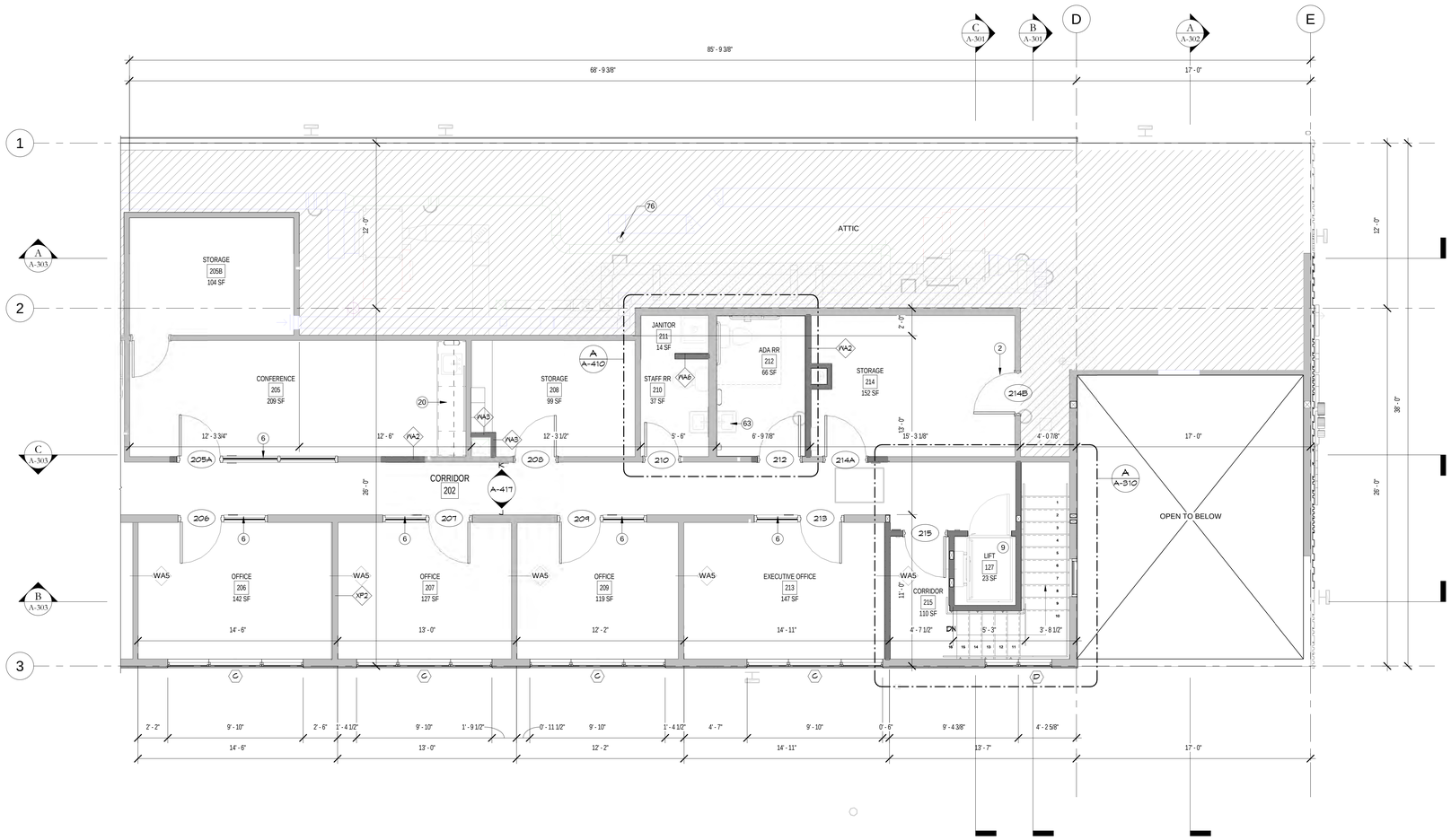
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PROPOSED FLOOR PLAN KEYNOTES

2	EXISTING DOOR TO REMAIN
6	INTERIOR HOLLOW-METAL WINDOWS, 7' HEAD HEIGHT
9	LIFT AS SPECIFIED
20	COUNTERTOP W/ BASE CABINETS AND UPPER CABINETS ABOVE
63	WALL MOUNTED SINK FIXTURE, SEE MEP
76	RADON VENT, REFER TO PLUMBING



NORTH

SECOND FLOOR PLAN - ENLARGED

1/4" = 1'-0"

A-106

REYNOLDS ASH + ASSOCIATES
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STATE OF COLORADO

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

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ISSUE RECORD:
SD PHASE 2026-02-06
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CD PHASE 2026-08-31

REVISIONS:

A-106

SECOND FLOOR PLAN - ENLARGED

0 2.5 5 10
0 2"

PRINT DATE: 8/31/2026 11:13:28 PM

REFLECTED CEILING PLAN KEYNOTES

1 EXISTING GYP. CEILING
2 NEW 5/8" GYP. CEILING TO MATCH EXISTING, PATCH WHERE NECESSARY
3 6" PLANAR MACROPLUS T&G CEILING - 552 DESERT PINE
4 NEW ACOUSTIC TILE CEILING
5 WOOD POST, SEE STRUCTURAL
6 EXPOSED BEAM, SEE STRUCTURE
7 MECH. VENT HOOD, SEE MEP
8 NEW COMPOSITE SOFFIT
9 NEW T&G SOFFIT, AS SCHEDULED

RCP LEGEND

- REVEAL LINEAR LIGHT
- RECESSED LINEAR LIGHT
- SUSPENDED LINEAR LIGHT
- WALL MOUNTED SCONCE LIGHT
- C — CAN LIGHT, WATERPROOF
- CLEANABLE GASKET LIGHT
- 2X4 ACT LAY IN LIGHT
- EDGE OF ROOF ABOVE

GENERAL NOTES:

A. CENTER CEILING GRIDS IN EACH ROOM, TYP.

B. CENTER LIGHTS WITHIN THE ROOM AND WITH GRID, TYP. NOTIFY ARCHITECT IF ALIGNMENT OF LIGHTS NEEDS TO VARY

C. ALL PENETRATIONS THROUGH WOOD LOOK METAL CEILING TO BE CLEAN, NO DAMAGE OR SCRATCHES TO METAL PANEL, TRIM OUT PER MFR RECOMMENDED TRIM. CUT PANELS PER MFR RECOMMENDATIONS

D. CENTER ALL SPRINKLER HEADS AND OTHER DEVICES IN PANELS AND CORRIDORS.

E. CENTER WALL MOUNTED FIXTURES ON FURNITURE AND FIXTURES IN THE ROOM

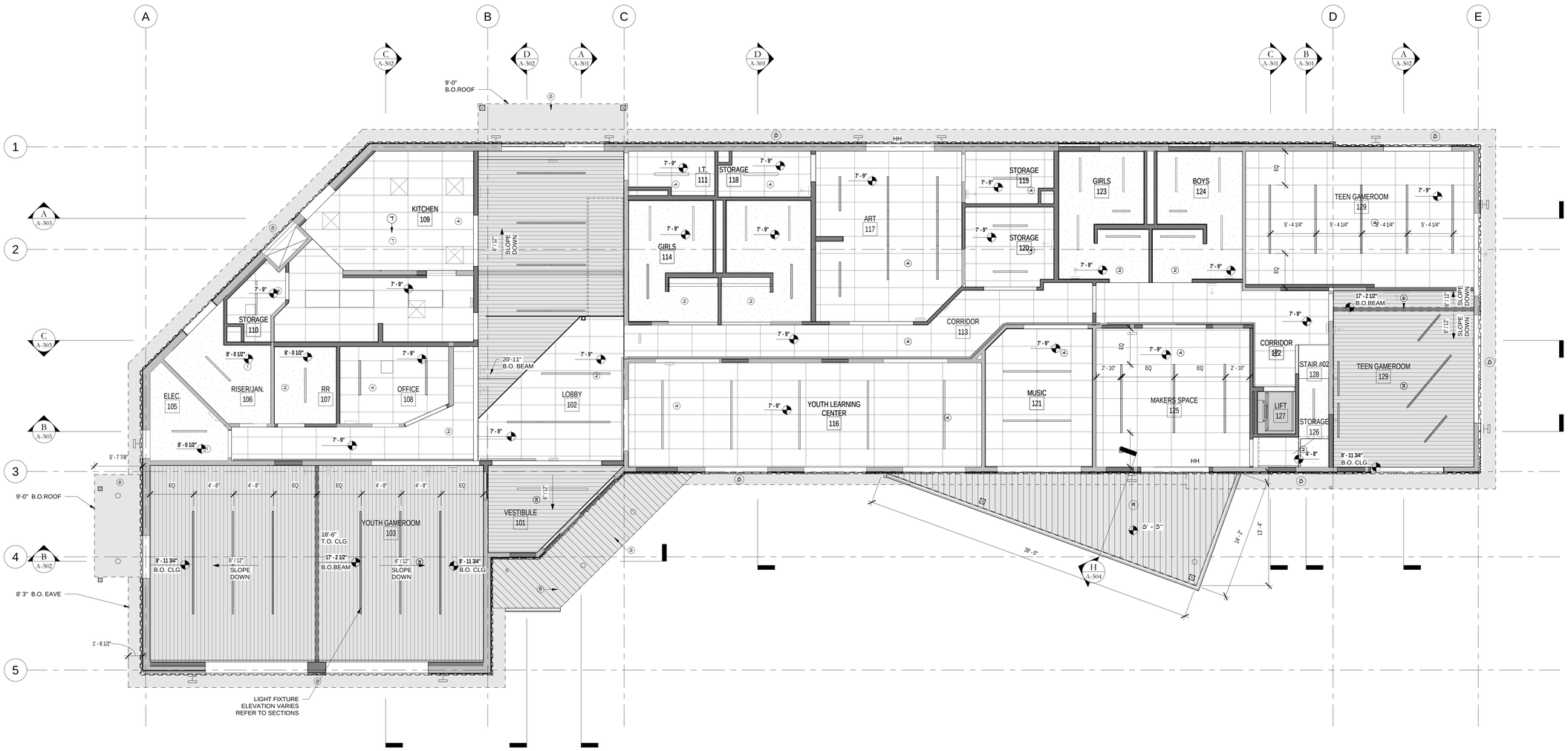
F. MAINTAIN FLUSH CEILINGS ON THE LOWER LEVEL TO AVOID DAMAGE

G. CLEAN AND PROTECT EXISTING RIDGE BEAM ONCE DEMO IS COMPLETE. REFINISH AS NECESSARY FOR ALL EXPOSED CEILING AREAS.

H. IN AREAS WHERE SPRINKLER PIPES ARE EXPOSED, PAINT THE PIPE PER SCHEDULE, SEE MEP FOR LOCATIONS

I. EXISTING EXTERIOR SOFFIT TO BE REPLACED WITH PREFINISHED SOFFIT BOARD AS SPECIFIED

J. SEE MEP DRAWINGS FOR LIGHTING SPECIFICATIONS



NORTH

FIRST FLOOR REFLECTED CEILING PLAN

3/16" = 1'-0"

A
A-107

REYNOLDS ASH + ASSOCIATES
ARCHITECTURE ENGINEERING

564 E. 2nd AVE SUITE 201
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STATE OF COLORADO
LOUIS REYNOLDS
REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-107
FIRST FLOOR RCP - OVERALL

0 2.5' 5' 10'
0 2'

REFLECTED CEILING PLAN KEYNOTES

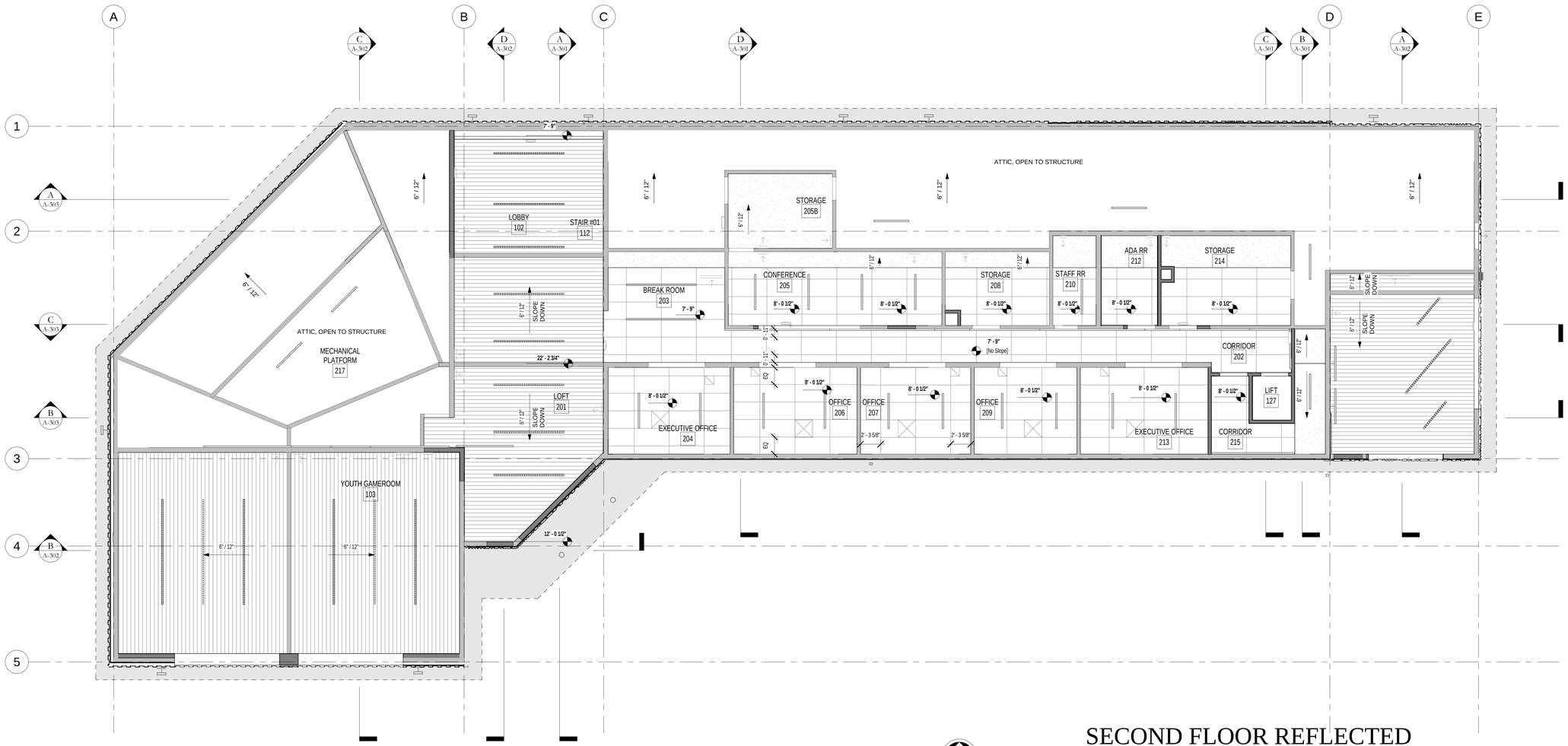
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2 NEW 5/8" GYP. CEILING TO MATCH EXISTING, PATCH WHERE NECESSARY
3 6" PLANAR MACROPLUS T&G CEILING - 552 DESERT PINE
4 NEW ACOUSTIC TILE CEILING
5 WOOD POST, SEE STRUCTURAL
6 EXPOSED BEAM, SEE STRUCTURE
7 MECH. VENT HOOD, SEE MEP
8 NEW COMPOSITE SOFFIT
9 NEW T&G SOFFIT, AS SCHEDULED

RCP LEGEND

- REVEAL LINEAR LIGHT
- RECESSED LINEAR LIGHT
- SUSPENDED LINEAR LIGHT
- WALL MOUNTED SCONCE LIGHT
- C — CAN LIGHT, WATERPROOF
- CLEANABLE GASKET LIGHT
- 2X4 ACT LAY IN LIGHT
- EDGE OF ROOF ABOVE

GENERAL NOTES:

A. CENTER CEILING GRIDS IN EACH ROOM, TYP.
B. CENTER LIGHTS WITHIN THE ROOM AND WITH GRID, TYP. NOTIFY ARCHITECT IF ALIGNMENT OF LIGHTS NEEDS TO VARY
C. ALL PENETRATIONS THROUGH WOOD LOOK METAL CEILING TO BE CLEAN, NO DAMAGE OR SCRATCHES TO METAL PANEL, TRIM OUT PER MFR RECOMMENDED TRIM. CUT PANELS PER MFR RECOMMENDATIONS
D. CENTER ALL SPRINKLER HEADS AND OTHER DEVICES IN PANELS AND CORRIDORS.
E. CENTER WALL MOUNTED FIXTURES ON FURNITURE AND FIXTURES IN THE ROOM
F. MAINTAIN FLUSH CEILINGS ON THE LOWER LEVEL TO AVOID DAMAGE
G. CLEAN AND PROTECT EXISTING RIDGE BEAM ONCE DEMO IS COMPLETE. REFINISH AS NECESSARY FOR ALL EXPOSED CEILING AREAS.
H. IN AREAS WHERE SPRINKLER PIPES ARE EXPOSED, PAINT THE PIPE PER SCHEDULE, SEE MEP FOR LOCATIONS
I. EXISTING EXTERIOR SOFFIT TO BE REPLACED WITH PREFINISHED SOFFIT BOARD AS SPECIFIED
J. SEE MEP DRAWINGS FOR LIGHTING SPECIFICATIONS



NORTH

SECOND FLOOR REFLECTED CEILING PLAN

3/16" = 1'-0"

A-108

REYNOLDS ASH + ASSOCIATES
ARCHITECTURE ENGINEERING

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STATE OF COLORADO — LOUIS REYNOLDS — REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design
CHC Engineers, LLC
ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
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CD PHASE 2026-08-31

REVISIONS:

A-108

SECOND FLOOR PLAN RCP - OVERALL

0 2.5' 5' 10'
0 2'

REFLECTED CEILING PLAN KEYNOTES

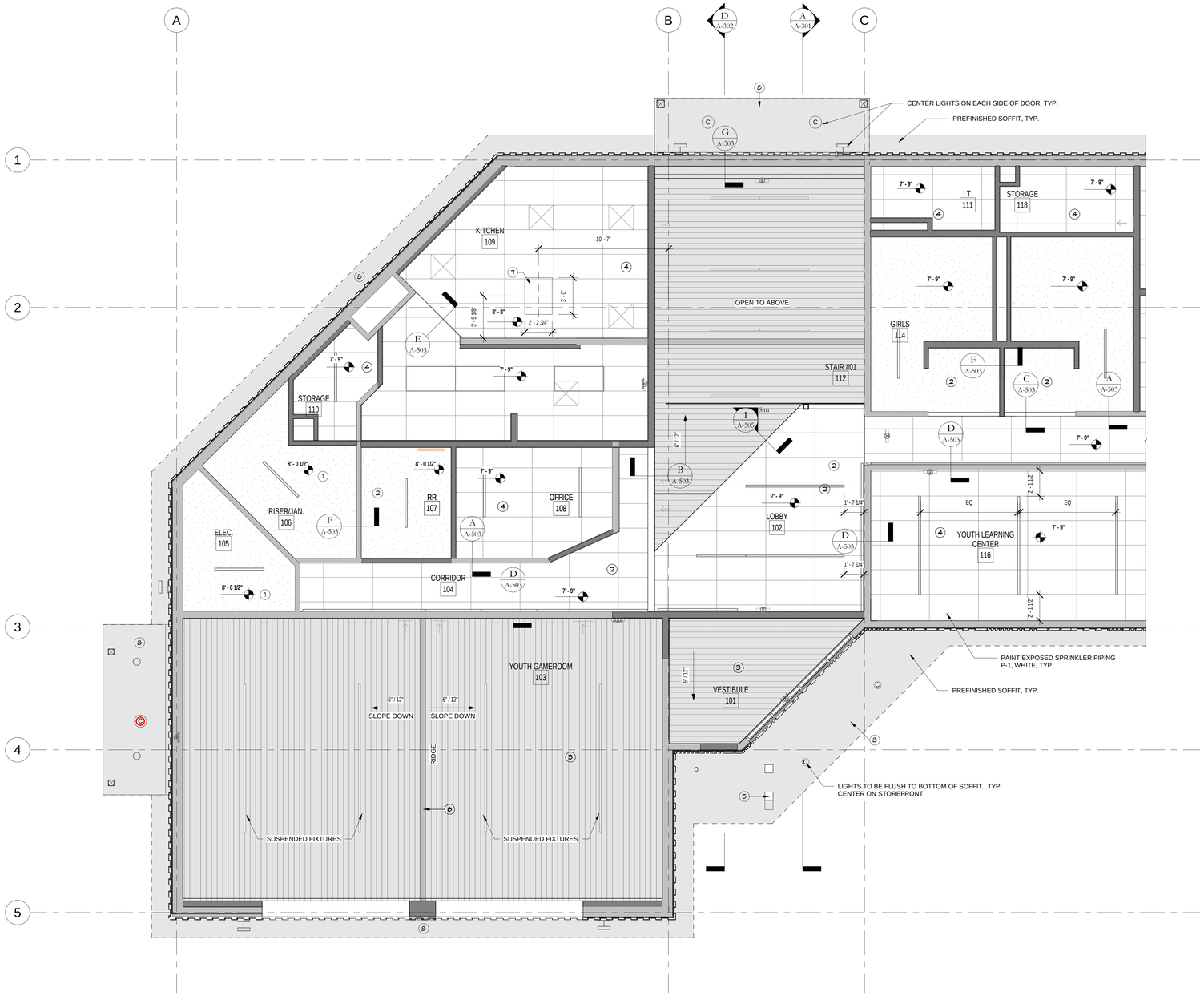
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- 2X4 ACT LAY IN LIGHT
- EDGE OF ROOF ABOVE

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J. SEE MEP DRAWINGS FOR LIGHTING SPECIFICATIONS



NORTH

FIRST FLOOR REFLECTED CEILING PLAN - ENLARGED

1/4" = 1'-0"

A-109

REYNOLDS ASH + ASSOCIATES
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STATE OF COLORADO — LOUIS REYNOLDS — REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

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REVISIONS:

A-109
ENLARGED REFLECTED CEILING PLANS

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0 2'

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B. CENTER LIGHTS WITHIN THE ROOM AND WITH GRID, TYP. NOTIFY ARCHITECT IF ALIGNMENT OF LIGHTS NEEDS TO VARY

C. ALL PENETRATIONS THROUGH WOOD LOOK METAL CEILING TO BE CLEAN, NO DAMAGE OR SCRATCHES TO METAL PANEL, TRIM OUT PER MFR RECOMMENDED TRIM. CUT PANELS PER MFR RECOMMENDATIONS

D. CENTER ALL SPRINKLER HEADS AND OTHER DEVICES IN PANELS AND CORRIDORS.

E. CENTER WALL MOUNTED FIXTURES ON FURNITURE AND FIXTURES IN THE ROOM

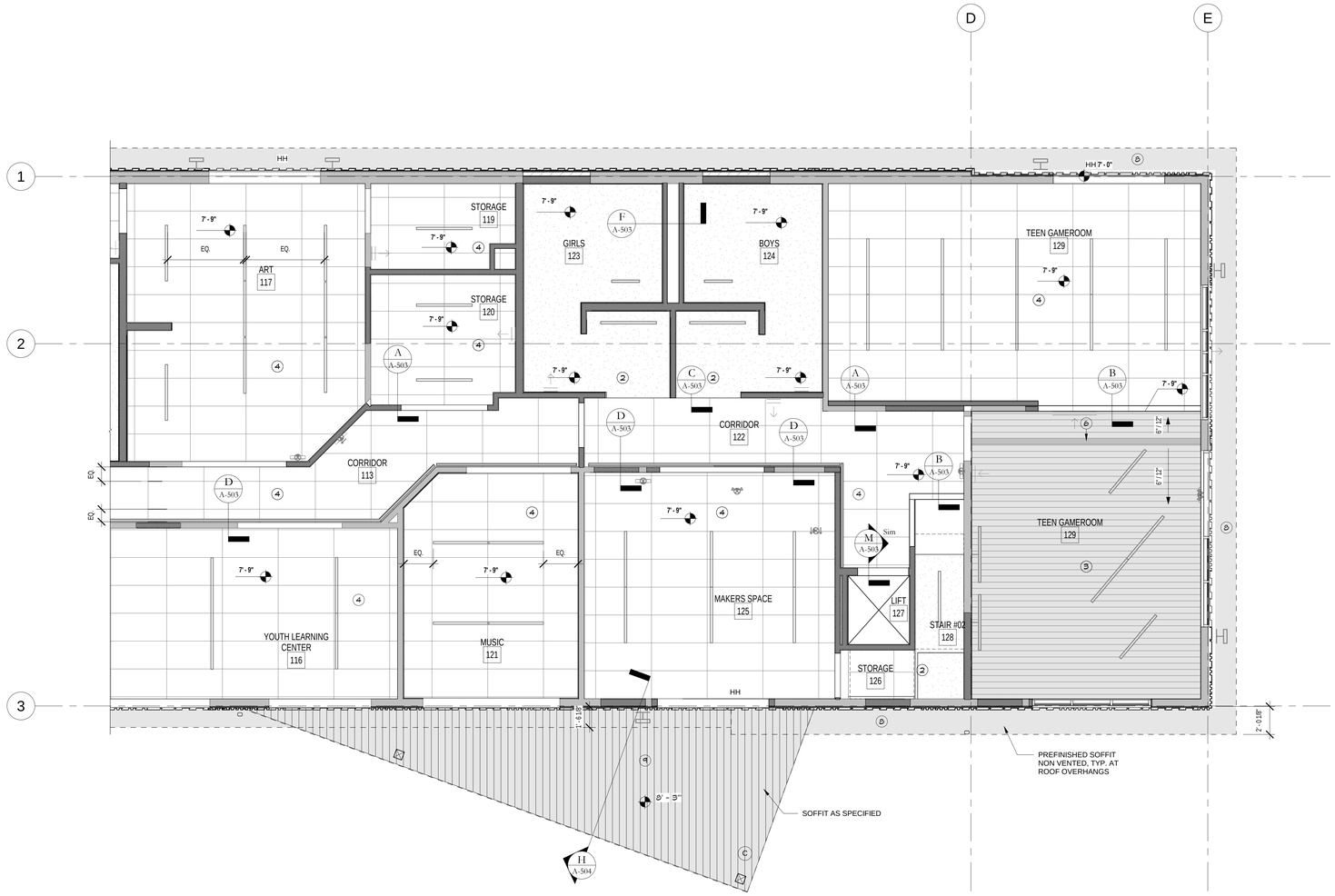
F. MAINTAIN FLUSH CEILINGS ON THE LOWER LEVEL TO AVOID DAMAGE

G. CLEAN AND PROTECT EXISTING RIDGE BEAM ONCE DEMO IS COMPLETE. REFINISH AS NECESSARY FOR ALL EXPOSED CEILING AREAS.

H. IN AREAS WHERE SPRINKLER PIPES ARE EXPOSED, PAINT THE PIPE PER SCHEDULE, SEE MEP FOR LOCATIONS

I. EXISTING EXTERIOR SOFFIT TO BE REPLACED WITH PREFINISHED SOFFIT BOARD AS SPECIFIED

J. SEE MEP DRAWINGS FOR LIGHTING SPECIFICATIONS



NORTH

FIRST FLOOR REFLECTED CEILING PLAN - ENLARGED

1/4" = 1'-0"

A-110

REYNOLDS ASH + ASSOCIATES
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STATE OF COLORADO
ALOYSIUS LOUIS REYNOLDS
C-38710
REGISTERED ARCHITECT

8/31/2026 11:14:42 PM

PRINT DATE: 8/31/2026 11:14:42 PM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-110
ENLARGED REFLECTED CEILING PLANS

0 2.5 5 10
0 2"

REFLECTED CEILING PLAN KEYNOTES

1 EXISTING GYP. CEILING
2 NEW 5/8" GYP. CEILING TO MATCH EXISTING. PATCH WHERE NECESSARY
3 6" PLANAR MACROPLUS T&G CEILING - 552 DESERT PINE
4 NEW ACOUSTIC TILE CEILING
5 WOOD POST, SEE STRUCTURAL
6 EXPOSED BEAM, SEE STRUCTURE
7 MECH. VENT HOOD, SEE MEP
8 NEW COMPOSITE SOFFIT
9 NEW T&G SOFFIT, AS SCHEDULED

RCP LEGEND

- REVEAL LINEAR LIGHT
- RECESSED LINEAR LIGHT
- SUSPENDED LINEAR LIGHT
- WALL MOUNTED SCONCE LIGHT
- C — CAN LIGHT, WATERPROOF
- CLEANABLE GASKET LIGHT
- 2X4 ACT LAY IN LIGHT
- EDGE OF ROOF ABOVE

GENERAL NOTES:

A. CENTER CEILING GRIDS IN EACH ROOM, TYP.

B. CENTER LIGHTS WITHIN THE ROOM AND WITH GRID, TYP. NOTIFY ARCHITECT IF ALIGNMENT OF LIGHTS NEEDS TO VARY

C. ALL PENETRATIONS THROUGH WOOD LOOK METAL CEILING TO BE CLEAN, NO DAMAGE OR SCRATCHES TO METAL PANEL, TRIM OUT PER MFR RECOMMENDED TRIM. CUT PANELS PER MFR RECOMMENDATIONS

D. CENTER ALL SPRINKLER HEADS AND OTHER DEVICES IN PANELS AND CORRIDORS.

E. CENTER WALL MOUNTED FIXTURES ON FURNITURE AND FIXTURES IN THE ROOM

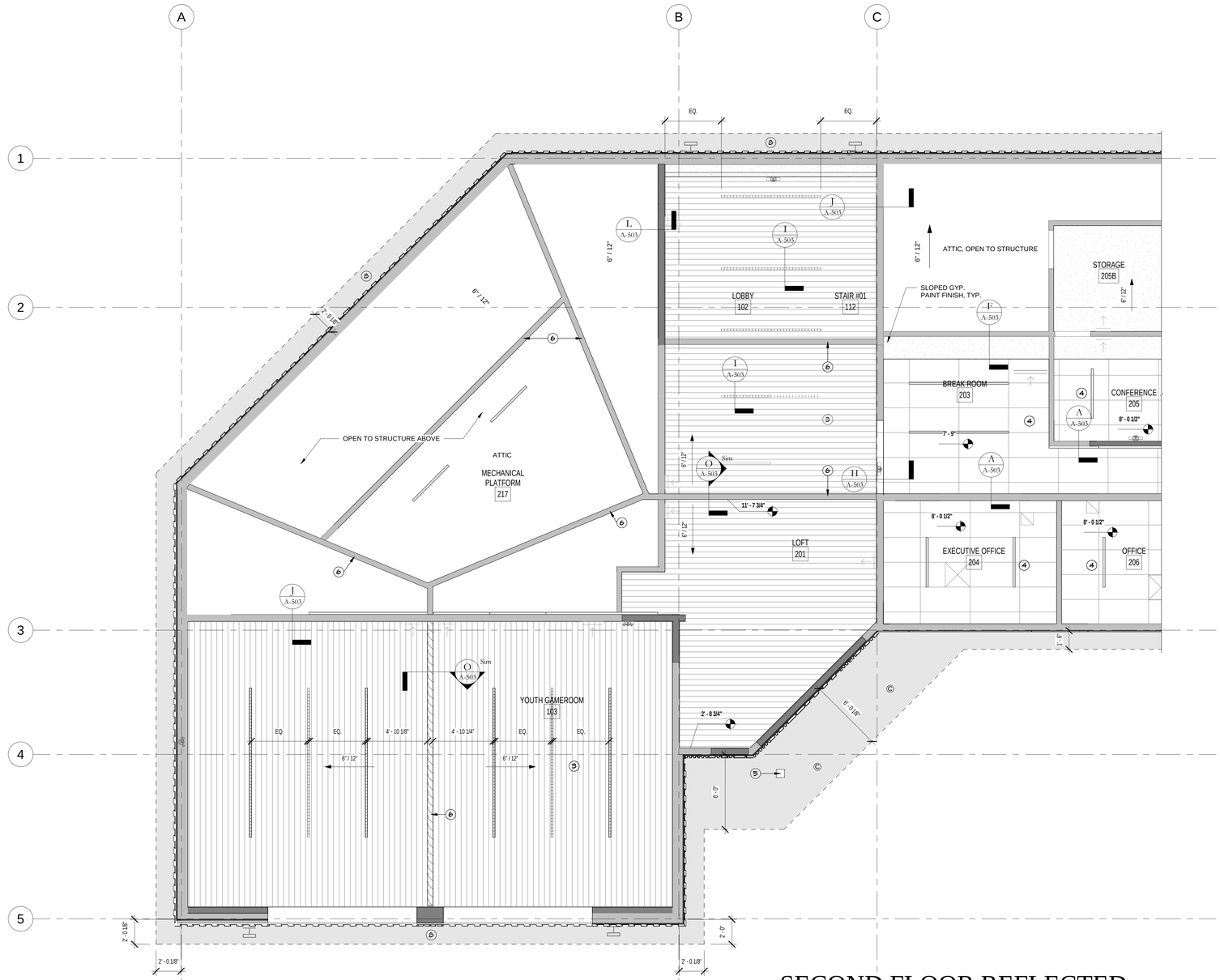
F. MAINTAIN FLUSH CEILINGS ON THE LOWER LEVEL TO AVOID DAMAGE

G. CLEAN AND PROTECT EXISTING RIDGE BEAM ONCE DEMO IS COMPLETE. REFINISH AS NECESSARY FOR ALL EXPOSED CEILING AREAS.

H. IN AREAS WHERE SPRINKLER PIPES ARE EXPOSED, PAINT THE PIPE PER SCHEDULE, SEE MEP FOR LOCATIONS

I. EXISTING EXTERIOR SOFFIT TO BE REPLACED WITH PREFINISHED SOFFIT BOARD AS SPECIFIED

J. SEE MEP DRAWINGS FOR LIGHTING SPECIFICATIONS



NORTH

SECOND FLOOR REFLECTED CEILING PLAN - ENLARGED

A / A-111

1/4" = 1'-0"

REYNOLDS ASH + ASSOCIATES
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STATE OF COLORADO
LOUIS REYNOLDS
REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	25190
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DRAWN BY:	LES

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-111

ENLARGED REFLECTED CEILING PLANS

0 2.5' 5' 10'
0 2'

PRINT DATE: 8/31/2026 11:15:15 PM

REFLECTED CEILING PLAN KEYNOTES

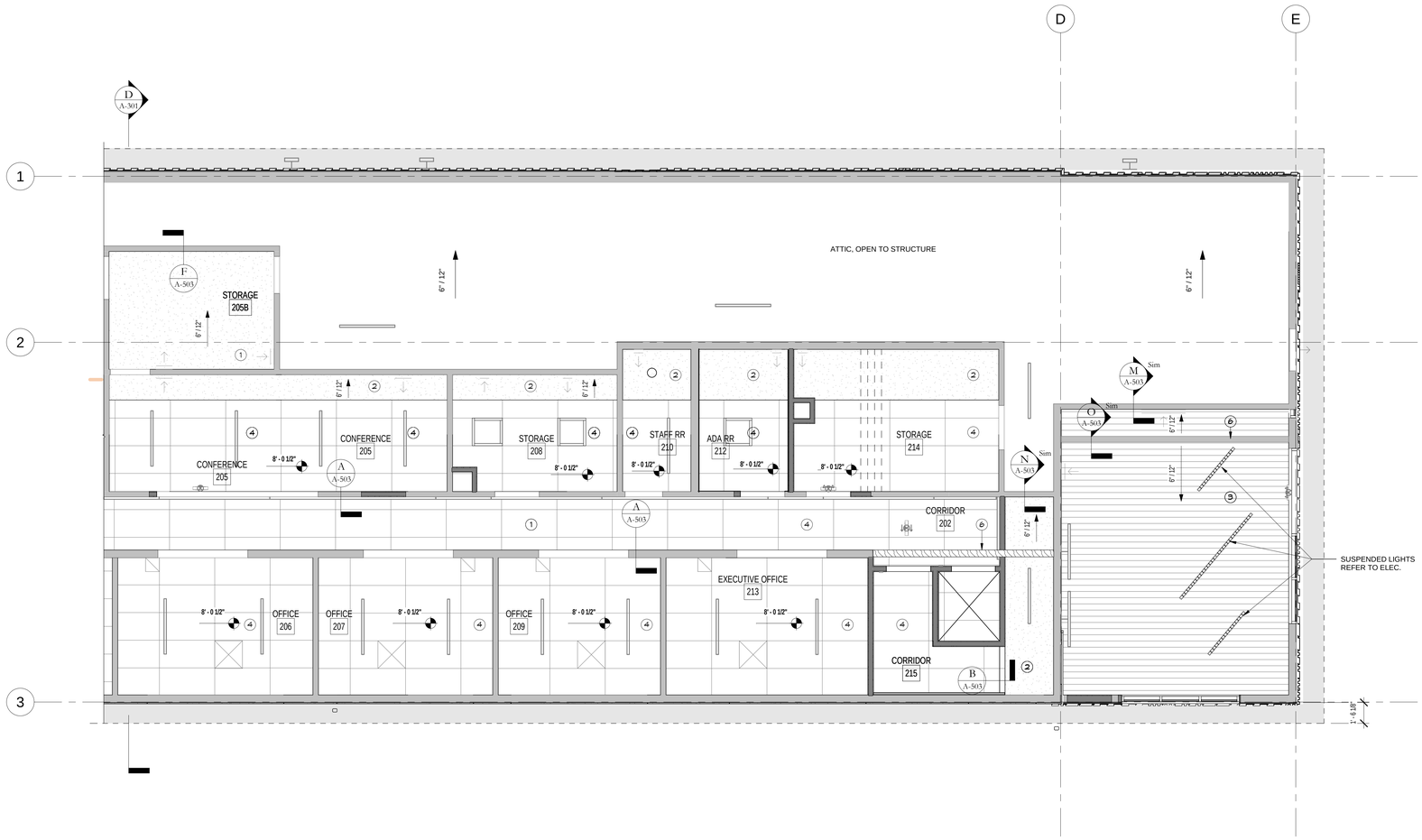
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2 NEW 5/8" GYP. CEILING TO MATCH EXISTING, PATCH WHERE NECESSARY
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7 MECH. VENT HOOD, SEE MEP
8 NEW COMPOSITE SOFFIT
9 NEW T&G SOFFIT, AS SCHEDULED

RCP LEGEND

- REVEAL LINEAR LIGHT
- RECESSED LINEAR LIGHT
- SUSPENDED LINEAR LIGHT
- WALL MOUNTED SCONCE LIGHT
- C — CAN LIGHT, WATERPROOF
- CLEANABLE GASKET LIGHT
- 2X4 ACT LAY IN LIGHT
- EDGE OF ROOF ABOVE

GENERAL NOTES:

A. CENTER CEILING GRIDS IN EACH ROOM, TYP.
B. CENTER LIGHTS WITHIN THE ROOM AND WITH GRID, TYP. NOTIFY ARCHITECT IF ALIGNMENT OF LIGHTS NEEDS TO VARY
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I. EXISTING EXTERIOR SOFFIT TO BE REPLACED WITH PREFINISHED SOFFIT BOARD AS SPECIFIED
J. SEE MEP DRAWINGS FOR LIGHTING SPECIFICATIONS



NORTH

SECOND FLOOR REFLECTED CEILING PLAN - ENLARGED

1/4" = 1'-0"

A
A-112

PRINT DATE: 8/31/2026 11:15:34 PM

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STATE OF COLORADO
ALOYSIUS LOUIS REYNOLDS
REGISTERED ARCHITECT

8/31/2026 11:15:34 PM

PROJECT TEAM:

PEAK land design
CHC Engineers, LLC
ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-112

ENLARGED REFLECTED CEILING PLANS

0 2.5 5 10'
0 2'

PROPOSED ROOF PLAN KEYNOTES

1 NEW METAL ROOFING FINISH
2 NEW PREFINISHED METAL FASCIA TO MATCH NEW ROOFING
3 PROPOSED ROOF EXTENSION TO MATCH SLOPE OF EXISTING
4 PROPOSED ROOF CANOPY
5 NEW GUTTER, SEE CIVIL
6 SNOW GUARDS
7 DOWNSPOUT

GENERAL ROOF PLAN NOTES

A. REFER TO G-106 FOR TYPICAL ROOF ASSEMBLIES.

B. REPAIR ANY EXISTING DAMAGED SHEATHING AND DAMAGED RAFTER TAILS. INFILL AND PATCH EXISTING SKYLIGHTS AND OPENINGS.

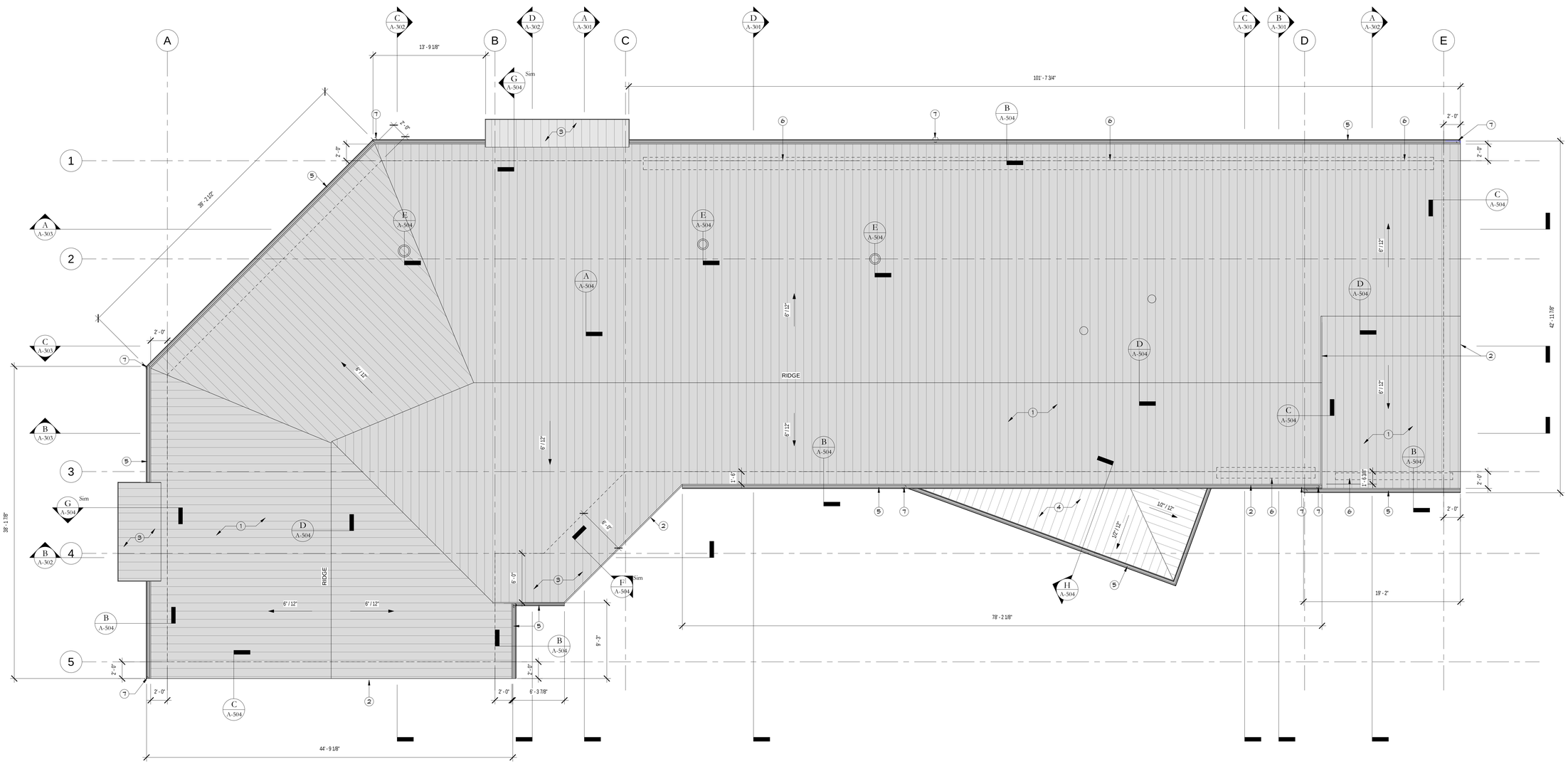
C. PROVIDE ALL GALVANIZED NAILS, SEALANTS & FASTENERS TO MEET MANUFACTURER'S REQUIREMENTS FOR WIND & CAPILLARY ACTION CONTROL AND WARRANTY.

D. ALL PREFINISHED METAL FLASHING AT ROOF TO BE INSTALLED WITHOUT MARRING, SCRATCHING, BENDING OR RIPPLES. LEAVE NO ROUGH OR RAGGED EDGES SHOWING. COLOR TO MATCH ROOFING.

E. CONFIRM EXISTING CONDITIONS BEFORE ORDERING MATERIALS. PROVIDE CLEAN ROOF SURFACE FREE FROM DEBRIS, GREASE AND DUST BEFORE INSTALLING ROOFING.

F. ROOF JACKS: PROVIDE ROOF JACKS AT ALL ROOF PENETRATIONS, DEKTITE OR EQUAL. NO MASTIC TO SHOW ON OUTSIDE.

G. CONTRACTOR TO COORDINATE WITH ARCHITECT AND ENGINEER IF RAFTER TAILS ARE ROTTED AND IF ADDITIONAL CUTTING OR TRIMMING IS REQUIRED.



NORTH

PROPOSED ROOF PLAN

3/16" = 1'-0"

A-113

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STATE OF COLORADO
LOUIS RENCKEN
C-29,710
REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design
CHC Engineers, LLC
ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
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JOB. NO.:	**25190**
ISSUE DATE:	**2026-08-31**
DRAWN BY:	**LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-113
ROOF PLAN

0 2.5' 5' 10'
0 2"

ELEVATION KEYNOTE LEGEND

1	STANDING SEAM METAL ROOF
2	CANOPY WITH STANDING SEAM METAL, SEE STRUCTURAL
3	STUCCO, AS SPECIFIED
4	CONTROL JOINTS
5	VERTICAL METAL PANEL, MP-1 'REGAL BLUE'
6	VERTICAL METAL PANEL, MP-2 'CHAMPAGNE BRONZE'
7	BI-FOLD DOOR, AS SCHEDULED
8	METAL POST, SEE STRUCTURAL
9	PREFINISHED METAL FASCIA AND DRIP EDGE
10	EXTERIOR SIGNAGE, SEE SHEET A-701
11	WOOD POST, SEE STRUCTURAL
12	ALUMINUM STOREFRONT, AS SCHEDULED
13	ALUMINUM WINDOW, AS SCHEDULED
14	ALUM STOREFRONT AS SCHEDULED
15	SUNSHADES, AS SPECIFIED, SEE STRUCTURAL FOR POST
16	FENCE, SEE LANDSCAPING
17	GAS METER BY OWNER, SEE CIVIL
18	ELECTRICAL MDP, SEE ELECTRICAL
19	PRE-FINISHED METAL GUTTER, AS SPECIFIED
20	PRE-FINISHED METAL DOWNSPOUT, AS SPECIFIED
21	SNOW GUARDS, AS SPECIFIED
24	CARD READER, SEE ELECTRICAL
25	HOSE BIB, SEE PLUMBING
27	KEEP EXISTING LOUVER TO REMAIN, PAINT FINISH AS SCHEDULED
29	LOUVER, COLOR TO MATCH METAL PANEL
30	OUTDOOR CONDENSING UNIT

MATERIAL LEGEND:

3 COAT STUCCO SYSTEM

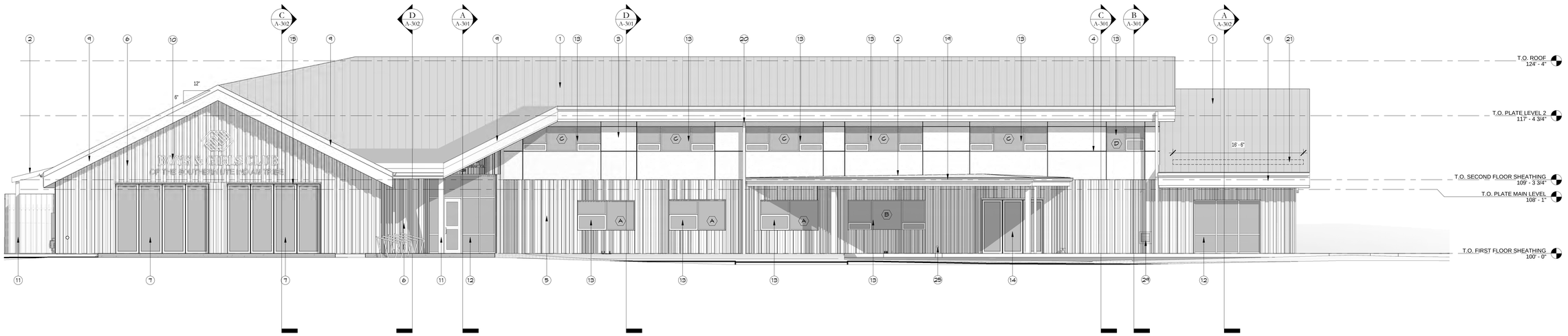
MP-1
VERTICAL METAL PANEL, BLUE
2' OF MX-1, 2' OF MX-2, 2' OF MX-7 AND 4' OF MX-10

MP-2
VERTICAL METAL PANEL, ANTIQUE BRONZE
4' OF MX-11, 2' OF MX-8

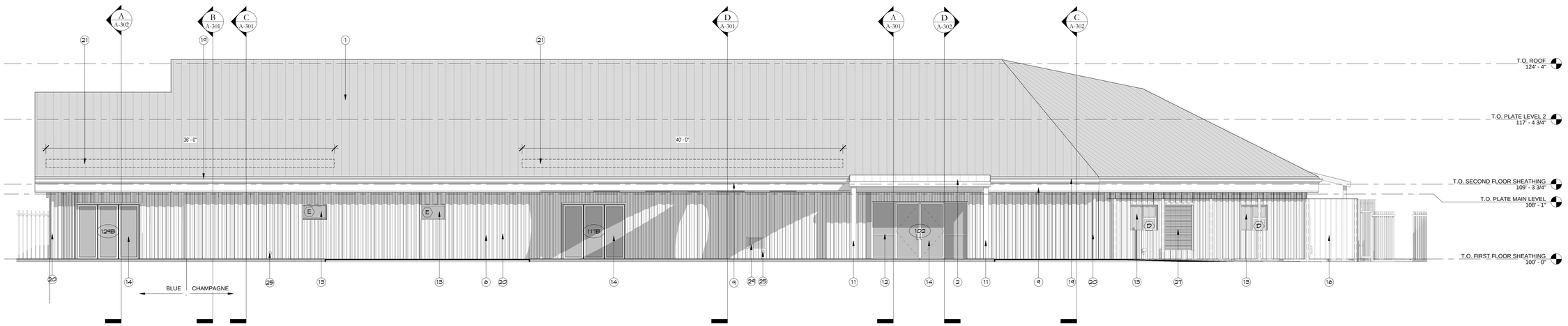
MP-3
STANDING SEAM METAL ROOF, BLACK

ELEVATION GENERAL NOTES:

A. ALL FASCIA TO BE NEW PREFINISHED METAL, BLACK TO MATCH ROOF
B. ALL FLASHING AT THE ROOF TO BE BLACK TO MATCH ROOF.
C. ALL SOFFITS TO BE PREFINISHED BLACK TO MATCH ROOF COLOR
D. ALL WINDOWS TO BE BLACK, SEALANT TO MATCH WINDOW FRAME.
E. ALL LOUVERS TO MATCH THE WALL COLOR THAT THEY ARE IN.
F. PAINT ALL EXPOSED PIPE THROUGH THE ROOF BLACK TO MATCH THE ROOF COLOR.
G. EXPOSED WOOD POSTS TO BE STAINED SW 3540 MOUNTAIN ASH, PROVIDE SAMPLE TO ARCHITECT FOR APPROVAL.
H. EXPOSED STEEL POSTS TO BE PAINTED BLACK PER PAINT SCHEDULE
I. ALL NEW FENCING TO BE BLACK, REFER TO LANDSCAPING.
J. ALL FLASHING AT METAL PANEL TO BE GALVANIZED.
K. PROVIDE SEALANT AT MATERIAL TRANSITIONS, TYP.
L. PAINT HOLLOW METAL DOOR FRAMES BLACK TO MATCH WALL COLOR.



SOUTH ELEVATION — A / A-201
3/16" = 1'-0"



NORTH ELEVATION — B / A-201
3/16" = 1'-0"

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STATE OF COLORADO — ALOYSIUS LOUIS RENCKEN — REGISTERED ARCHITECT

8/31/2026 11:21:05 PM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

PRINT DATE: 8/31/2026 11:21:05 PM

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-201
OVERALL EXTERIOR ELEVATIONS

0 2.5 5 10
0 2"

ELEVATION KEYNOTE LEGEND

1	STANDING SEAM METAL ROOF
2	CANOPY WITH STANDING SEAM METAL, SEE STRUCTURAL
3	STUCCO, AS SPECIFIED
4	CONTROL JOINTS
5	VERTICAL METAL PANEL, MP-1 'REGAL BLUE'
6	VERTICAL METAL PANEL, MP-2 'CHAMPAGNE BRONZE'
7	BI-FOLD DOOR, AS SCHEDULED
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24	CARD READER, SEE ELECTRICAL
25	HOSE BIB, SEE PLUMBING
27	KEEP EXISTING LOUVER TO REMAIN, PAINT FINISH AS SCHEDULED
29	LOUVER, COLOR TO MATCH METAL PANEL
30	OUTDOOR CONDENSING UNIT

MATERIAL LEGEND:

- 3 COAT STUCCO SYSTEM
- MP-1 VERTICAL METAL PANEL, BLUE 2' OF MX-1, 2' OF MX-2, 2' OF MX-7 AND 4' OF MX-10
- MP-2 VERTICAL METAL PANEL, ANTIQUE BRONZE 4' OF MX-11, 2' OF MX-8
- MP-3 STANDING SEAM METAL ROOF, BLACK

ELEVATION GENERAL NOTES:

A. ALL FASCIA TO BE NEW PREFINISHED METAL, BLACK TO MATCH ROOF

B. ALL FLASHING AT THE ROOF TO BE BLACK TO MATCH ROOF.

C. ALL SOFFITS TO BE PREFINISHED BLACK TO MATCH ROOF COLOR

D. ALL WINDOWS TO BE BLACK, SEALANT TO MATCH WINDOW FRAME.

E. ALL LOUVERS TO MATCH THE WALL COLOR THAT THEY ARE IN.

F. PAINT ALL EXPOSED PIPE THROUGH THE ROOF BLACK TO MATCH THE ROOF COLOR.

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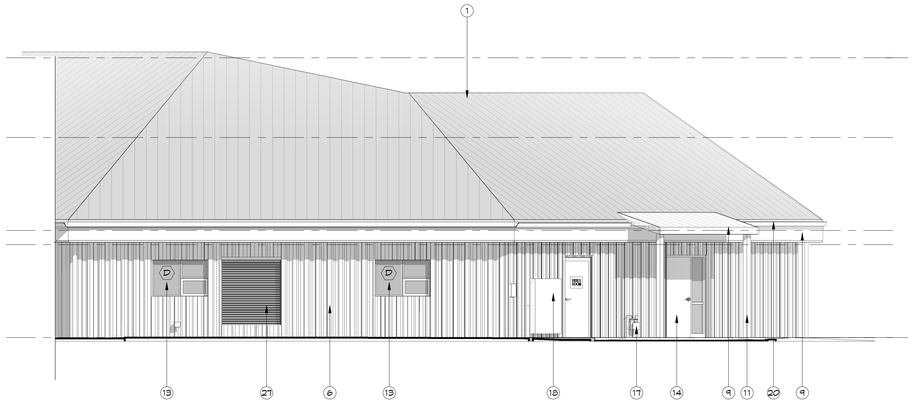
H. EXPOSED STEEL POSTS TO BE PAINTED BLACK PER PAINT SCHEDULE

I. ALL NEW FENCING TO BE BLACK, REFER TO LANDSCAPING.

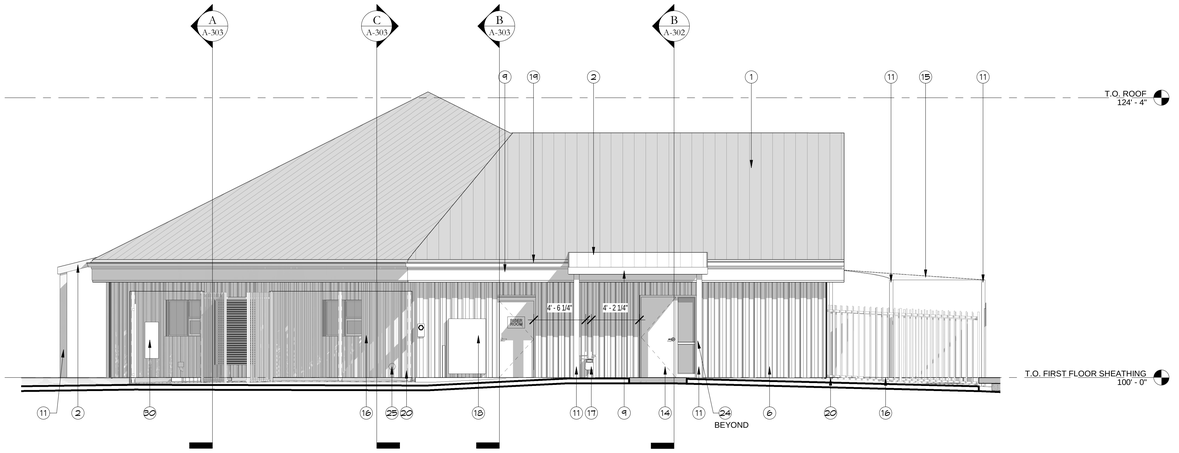
J. ALL FLASHING AT METAL PANEL TO BE GALVANIZED.

K. PROVIDE SEALANT AT MATERIAL TRANSITIONS, TYP.

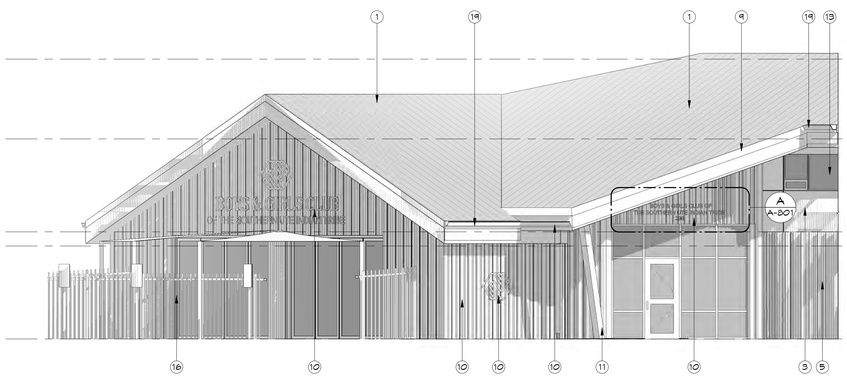
L. PAINT HOLLOW METAL DOOR FRAMES BLACK TO MATCH WALL COLOR.



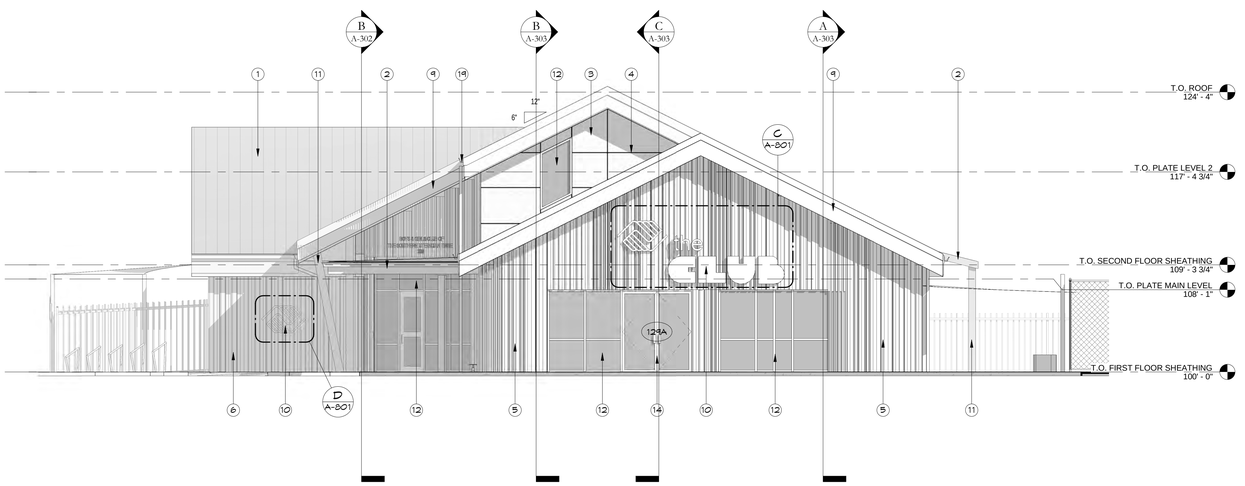
NORTHWEST ELEVATION A
3/16" = 1'-0" A-202



WEST ELEVATION B
3/16" = 1'-0" A-202



SOUTHEAST ELEVATION C
3/16" = 1'-0" A-202



EAST ELEVATION D
3/16" = 1'-0" A-202

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STATE OF COLORADO
LOUIS REYNOLDS
REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	**25190**
ISSUE DATE:	**2026-08-31**
DRAWN BY:	**LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

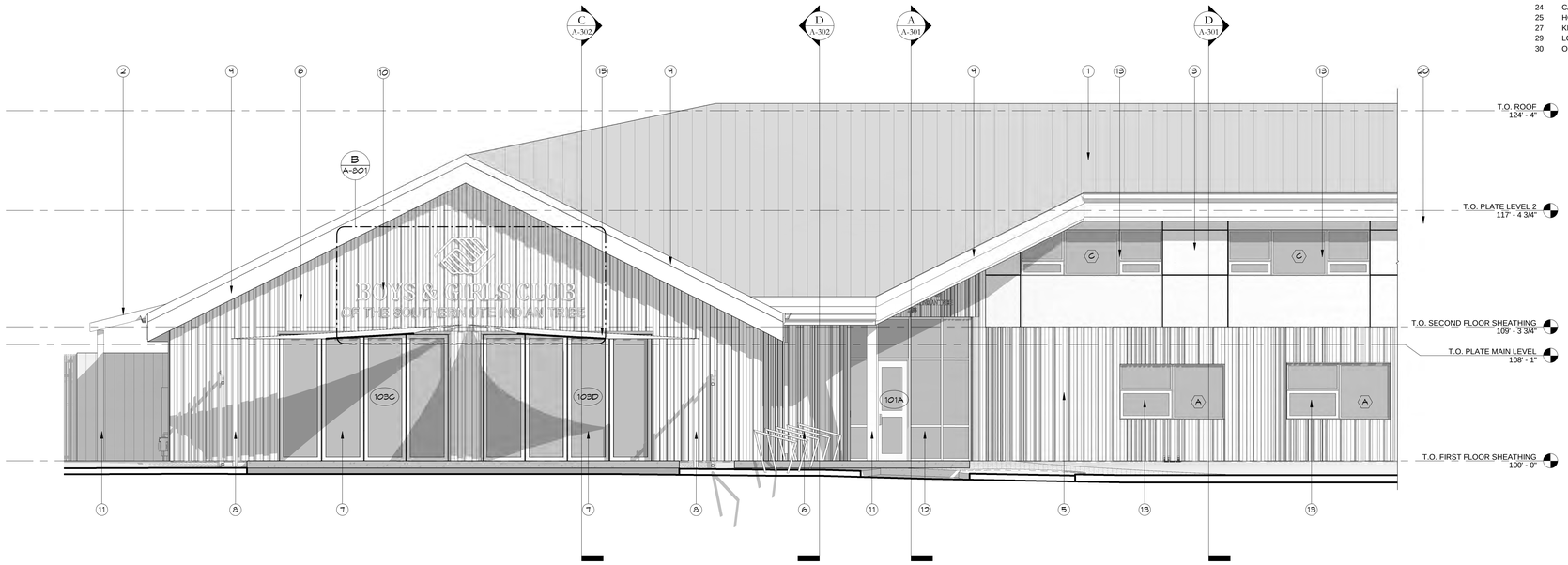
A-202

OVERALL EXTERIOR ELEVATIONS

0 2.5 5' 10'
0 2"

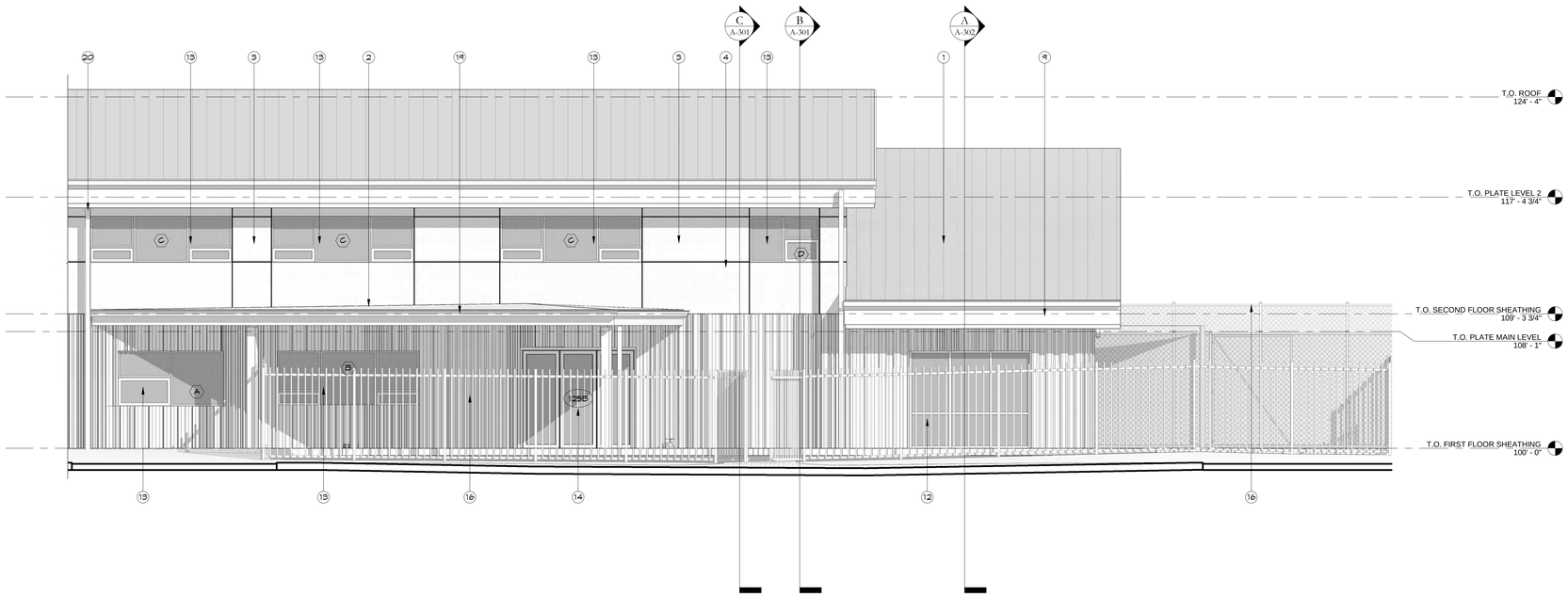
ELEVATION KEYNOTE LEGEND

1	STANDING SEAM METAL ROOF
2	CANOPY WITH STANDING SEAM METAL, SEE STRUCTURAL
3	STUCCO, AS SPECIFIED
4	CONTROL JOINTS
5	VERTICAL METAL PANEL, MP-1 'REGAL BLUE'
6	VERTICAL METAL PANEL, MP-2 'CHAMPAGNE BRONZE'
7	BI-FOLD DOOR, AS SCHEDULED
8	METAL POST, SEE STRUCTURAL
9	PREFINISHED METAL FASCIA AND DRIP EDGE
10	EXTERIOR SIGNAGE, SEE SHEET A-701
11	WOOD POST, SEE STRUCTURAL
12	ALUMINUM STOREFRONT, AS SCHEDULED
13	ALUMINUM WINDOW, AS SCHEDULED
14	ALUM STOREFRONT AS SCHEDULED
15	SUNSHADES, AS SPECIFIED, SEE STRUCTURAL FOR POST
16	FENCE, SEE LANDSCAPING
17	GAS METER BY OWNER, SEE CIVIL
18	ELECTRICAL MDP, SEE ELECTRICAL
19	PRE-FINISHED METAL GUTTER, AS SPECIFIED
20	PRE-FINISHED METAL DOWNSPOUT, AS SPECIFIED
21	SNOW GUARDS, AS SPECIFIED
24	CARD READER, SEE ELECTRICAL
25	HOSE BIB, SEE PLUMBING
27	KEEP EXISTING LOUVER TO REMAIN, PAINT FINISH AS SCHEDULED
29	LOUVER, COLOR TO MATCH METAL PANEL
30	OUTDOOR CONDENSING UNIT



ENLARGED SOUTH ELEVATION A

1/4" = 1'-0" A-203



ENLARGED SOUTH ELEVATION B

1/4" = 1'-0" A-203

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	**25190**
ISSUE DATE:	**2026-08-31**
DRAWN BY:	**LES**

ISSUE RECORD:
SD PHASE 2026-02-06
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CD PHASE 2026-08-31

REVISIONS:

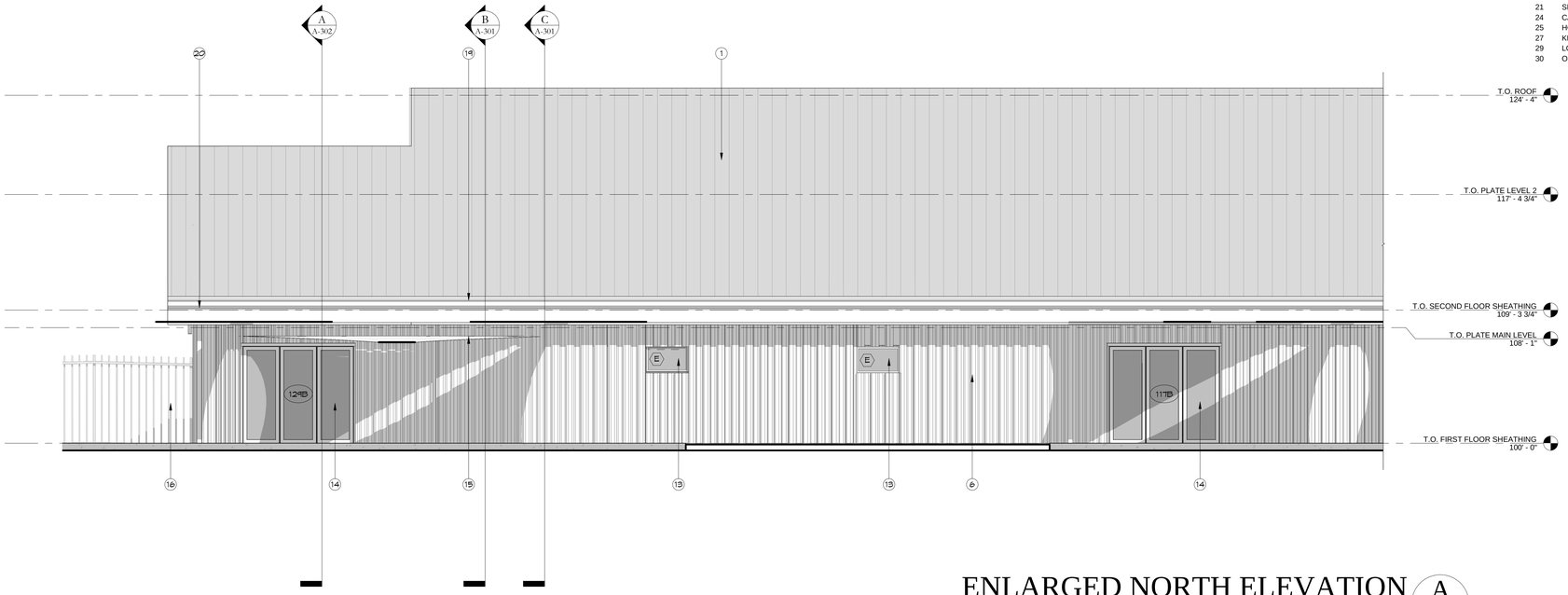
A-203

ENLARGED ELEVATIONS

0 2.5' 5' 10
0 2"

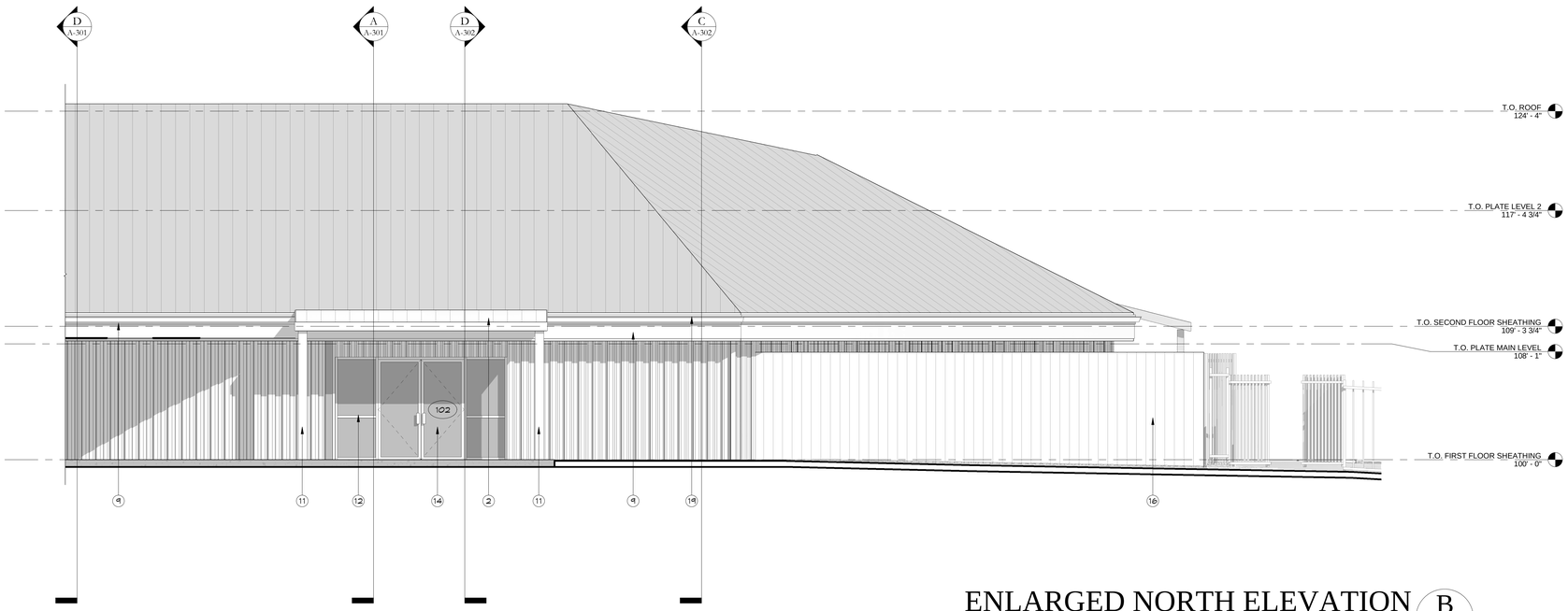
ELEVATION KEYNOTE LEGEND

1	STANDING SEAM METAL ROOF
2	CANOPY WITH STANDING SEAM METAL, SEE STRUCTURAL
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4	CONTROL JOINTS
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25	HOSE BIB, SEE PLUMBING
27	KEEP EXISTING LOUVER TO REMAIN, PAINT FINISH AS SCHEDULED
29	LOUVER, COLOR TO MATCH METAL PANEL
30	OUTDOOR CONDENSING UNIT



ENLARGED NORTH ELEVATION A

1/4" = 1'-0" A-204



ENLARGED NORTH ELEVATION B

1/4" = 1'-0" A-204

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STATE OF COLORADO
LOUIS REYNOLDS
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PROJECT TEAM:

PEAK land design

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THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	**25190**
ISSUE DATE:	**2026-08-31**
DRAWN BY:	**LES**

ISSUE RECORD:
- SD PHASE 2026-02-06
- DD PHASE 2026-07-06
- CD PHASE 2026-08-31

REVISIONS:

A-204
ENLARGED ELEVATIONS

0 2.5' 5' 10'
0 2"

MATERIAL LEGEND:

- 3 COAT STUCCO SYSTEM
- VERTICAL METAL PANEL, MP-1
  MIX OF MATRIX PANELS
- VERTICAL METAL PANEL, MP-2
  SINGLE PANEL
- STANDING SEAM METAL ROOF, MP-3



PROPOSED SOUTH ELEVATION A
3/16" = 1'-0" A-205



PROPOSED NORTH ELEVATION B
3/16" = 1'-0" A-205



PROPOSED EAST ELEVATION C
3/16" = 1'-0" A-205



PROPOSED WEST ELEVATION D
3/16" = 1'-0" A-205

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PROJECT TEAM:

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THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

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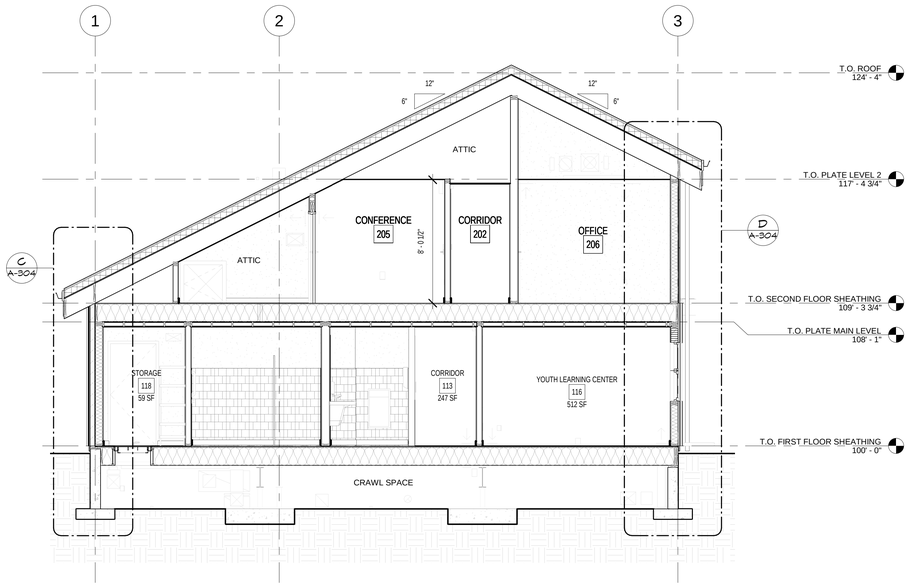
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REVISIONS:

A-205

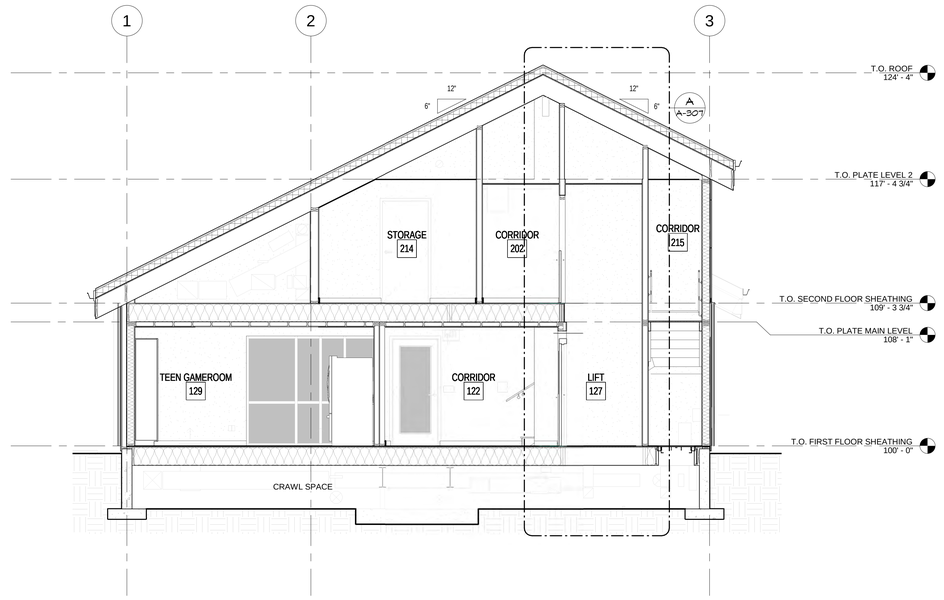
EXTERIOR ELEVATIONS
RENDERINGS

0 2.5 5 10
0 2"



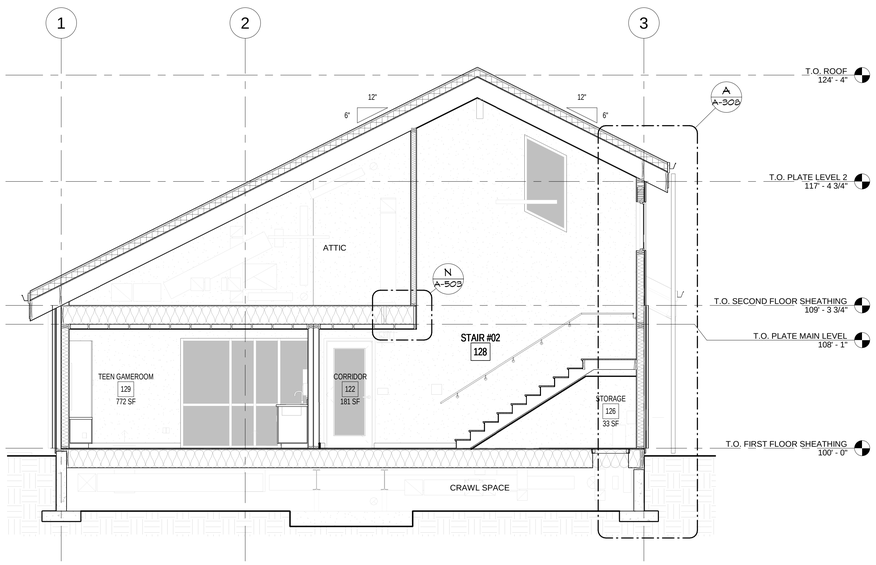
BUILDING SECTION D

1/4" = 1'-0" A-301



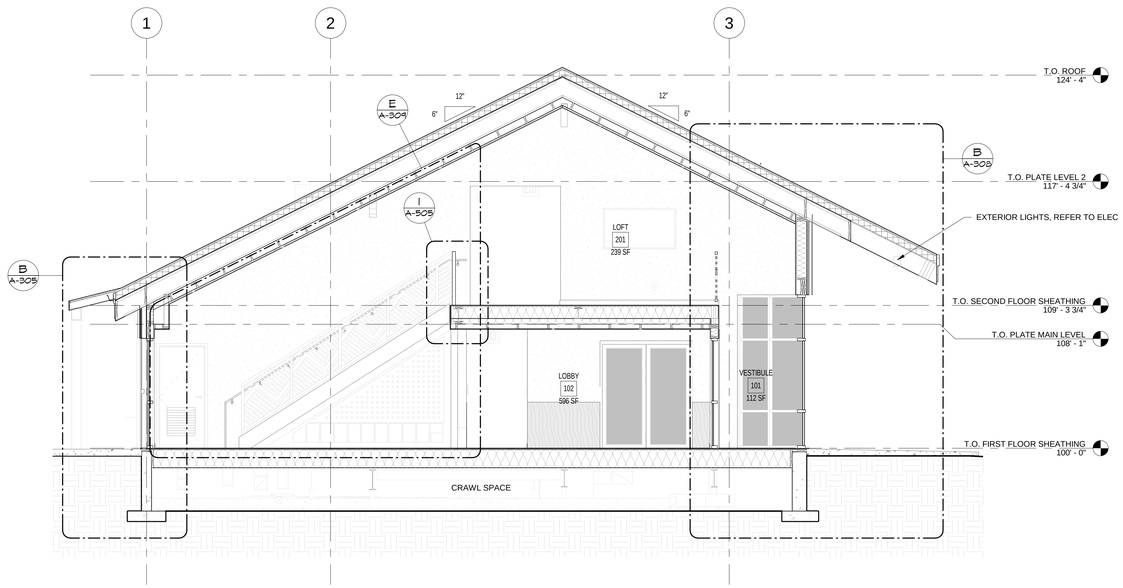
BUILDING SECTION C

1/4" = 1'-0" A-301



BUILDING SECTION B

1/4" = 1'-0" A-301



BUILDING SECTION A

1/4" = 1'-0" A-301

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C-39
REGISTERED ARCHITECT

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PROJECT TEAM:

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CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	**25190**
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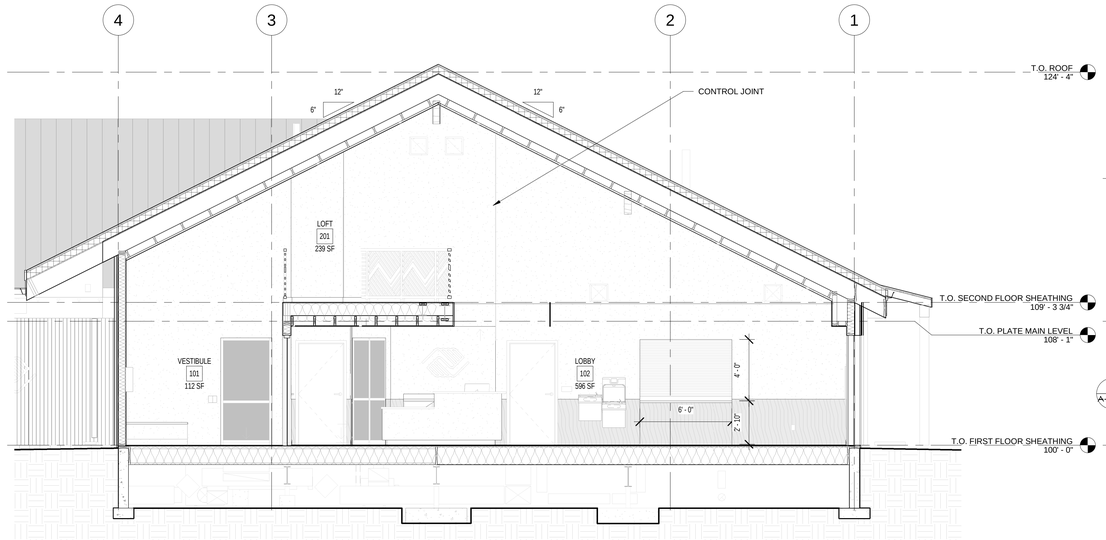
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CD PHASE 2026-08-31

REVISIONS:

A-301

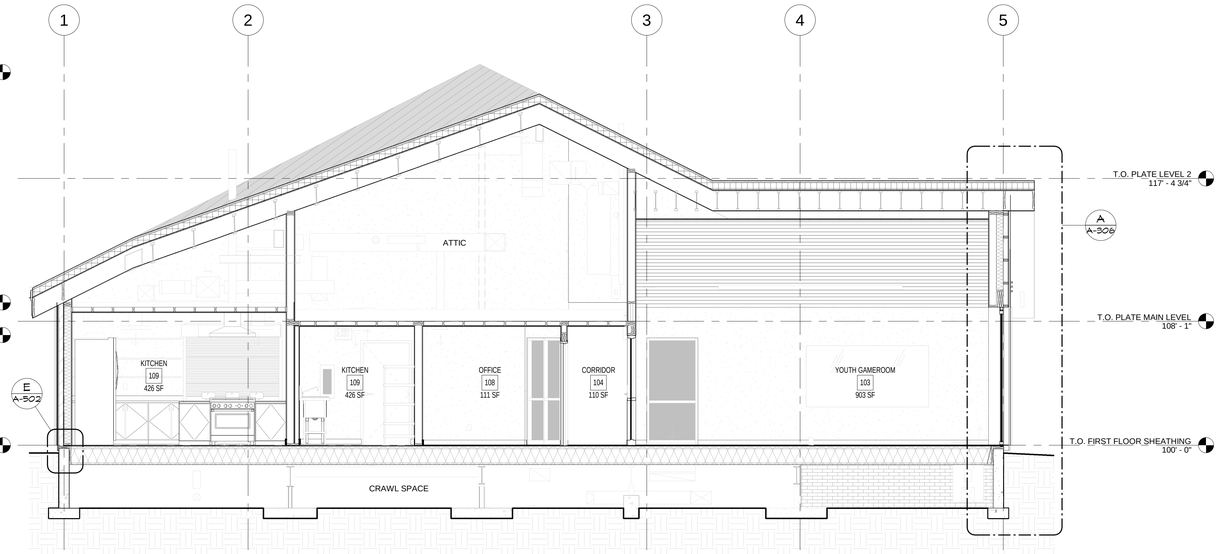
BUILDING SECTIONS

0 2.5' 5' 10'
0 2'



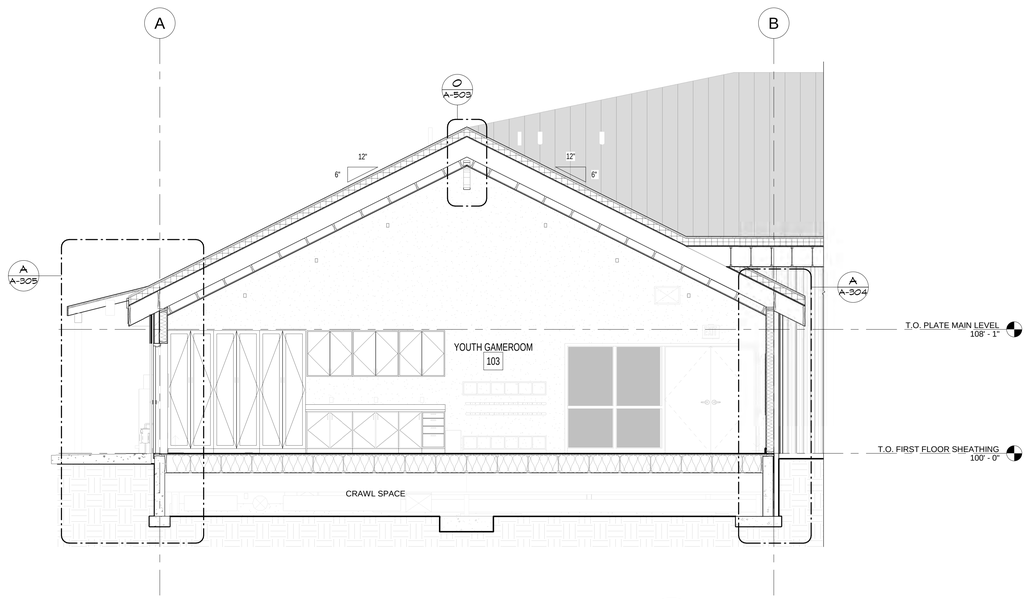
BUILDING SECTION D

1/4" = 1'-0" — A-302



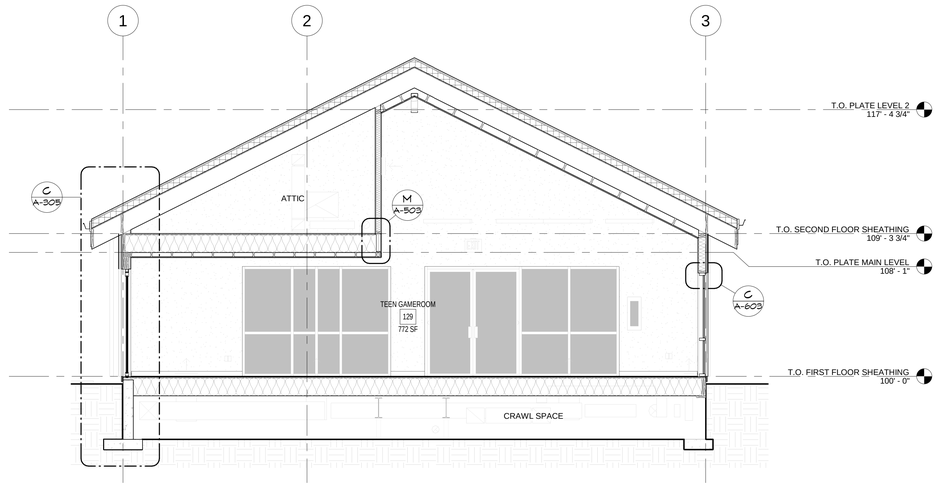
BUILDING SECTION C

1/4" = 1'-0" — A-302



BUILDING SECTION B

1/4" = 1'-0" — A-302



BUILDING SECTION A

1/4" = 1'-0" — A-302

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STATE OF COLORADO
LOUIS REYNOLDS
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PROJECT TEAM:

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THE BOYS AND GIRLS CLUB OF THE SOUTHERN UTE INDIAN TRIBE

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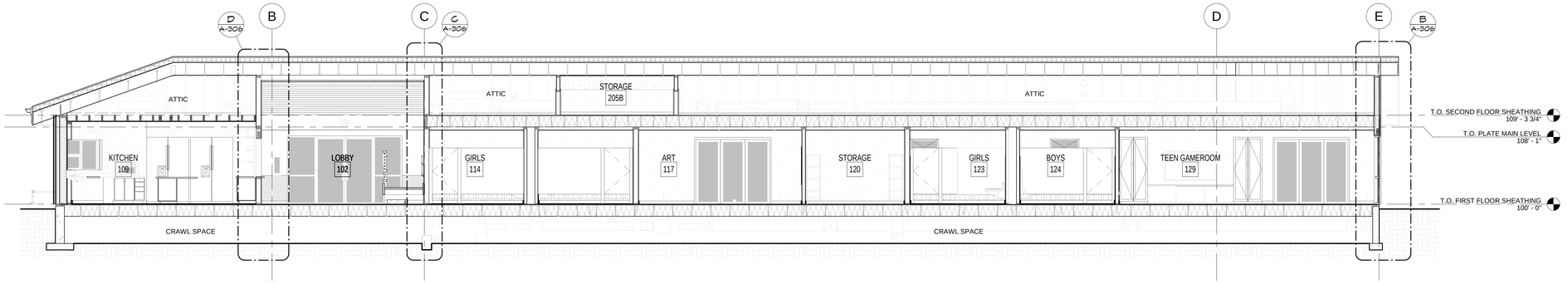
ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-302

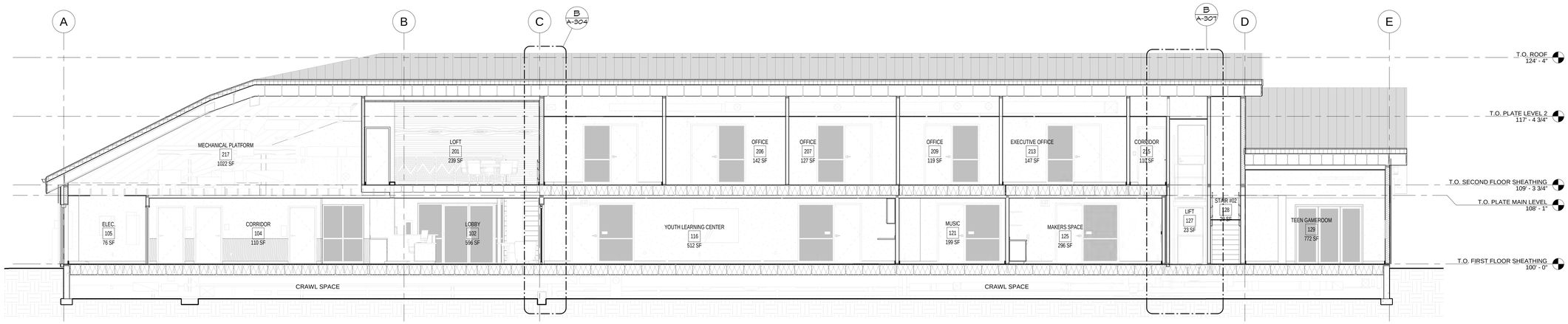
BUILDING SECTIONS

0 2.5' 5' 10'
0 2"



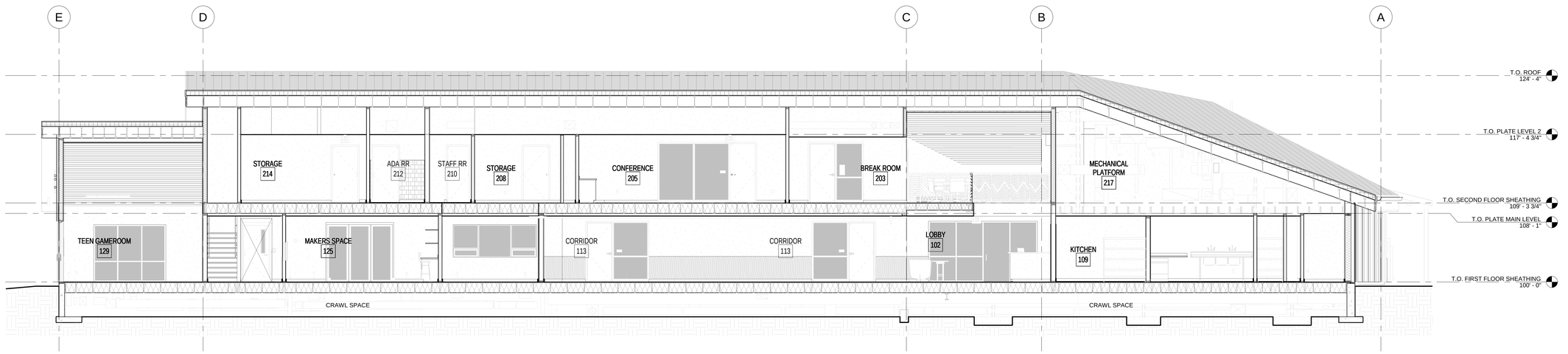
BUILDING SECTION A

3/16" = 1'-0" — A-303



BUILDING SECTION B

3/16" = 1'-0" — A-303



BUILDING SECTION C

3/16" = 1'-0" — A-303

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STATE OF COLORADO
LOUIS REYNOLDS
REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

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THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

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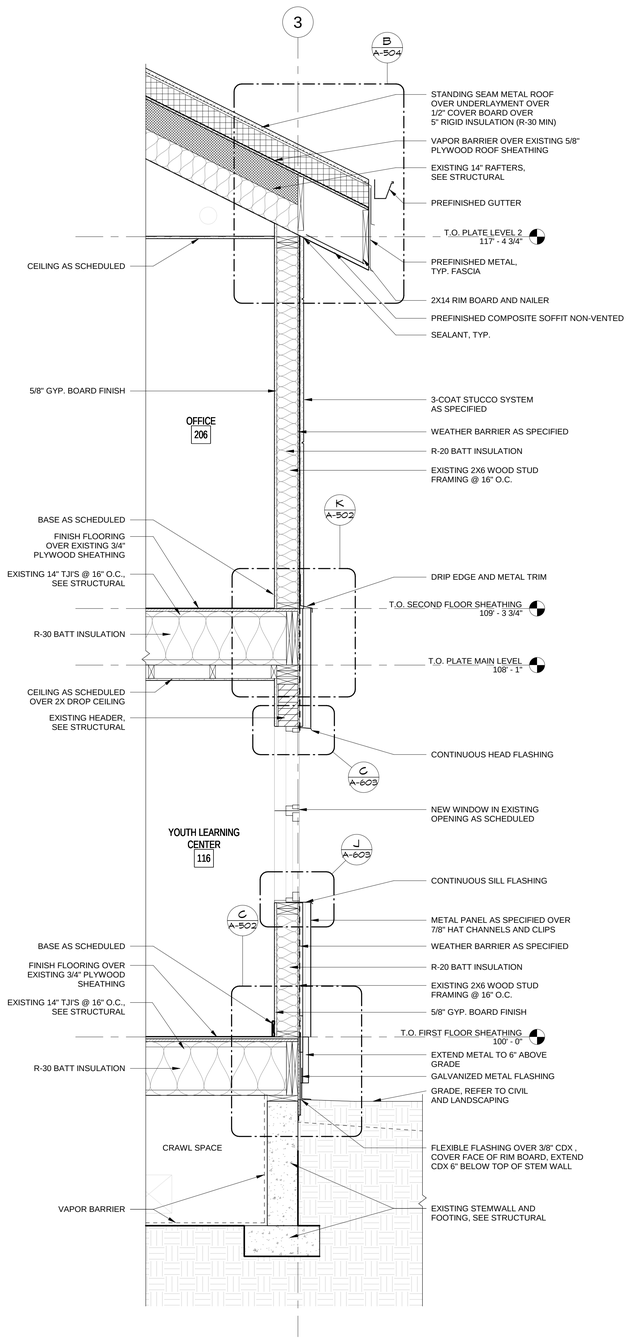
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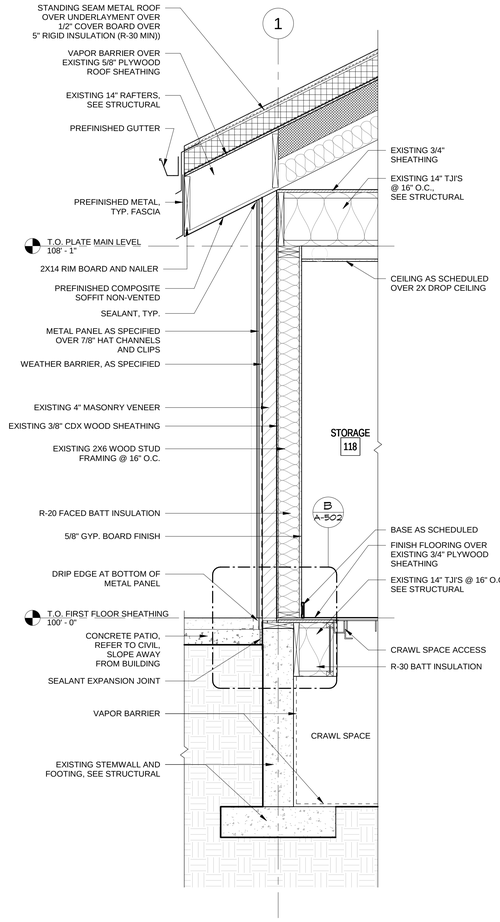
REVISIONS:

A-303
BUILDING SECTIONS

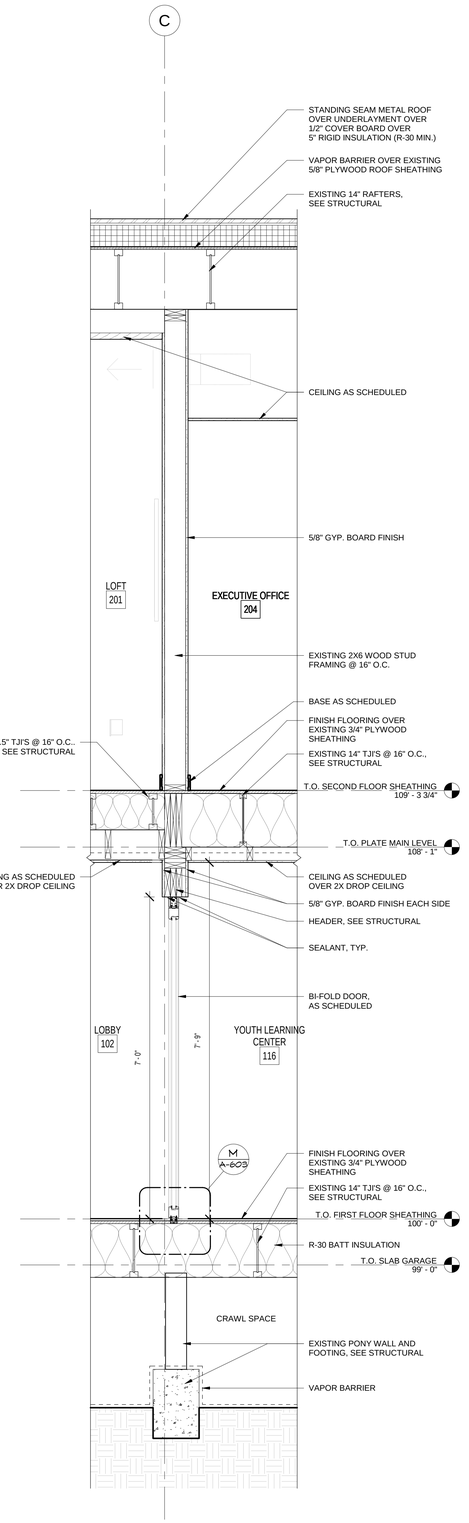
0 2.5' 5' 10'
0 2"



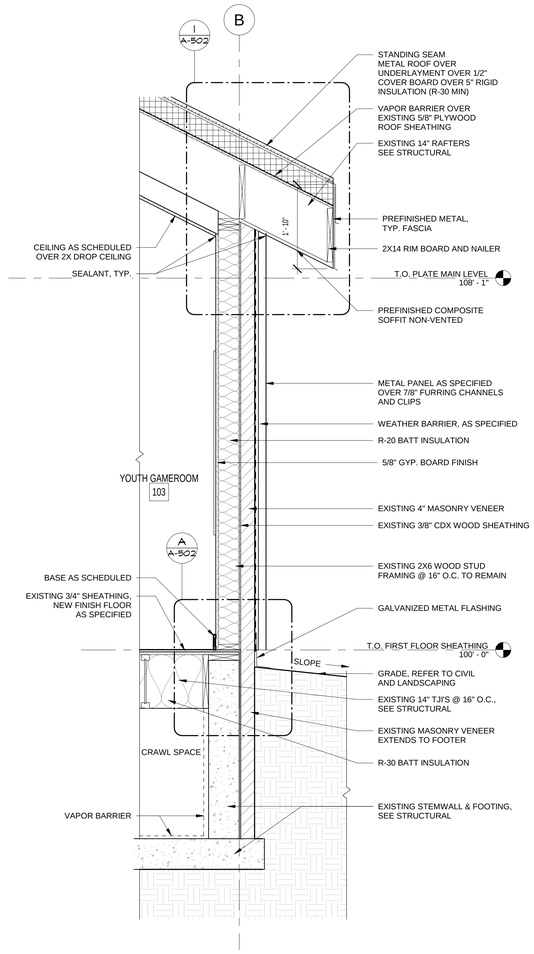
WALL SECTION D
3/4" = 1'-0" A-304



WALL SECTION C
3/4" = 1'-0" A-304



WALL SECTION. B
3/4" = 1'-0" A-304



WALL SECTION A
3/4" = 1'-0" A-304

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LOUIS BENJAMIN SCHWARTZ
REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

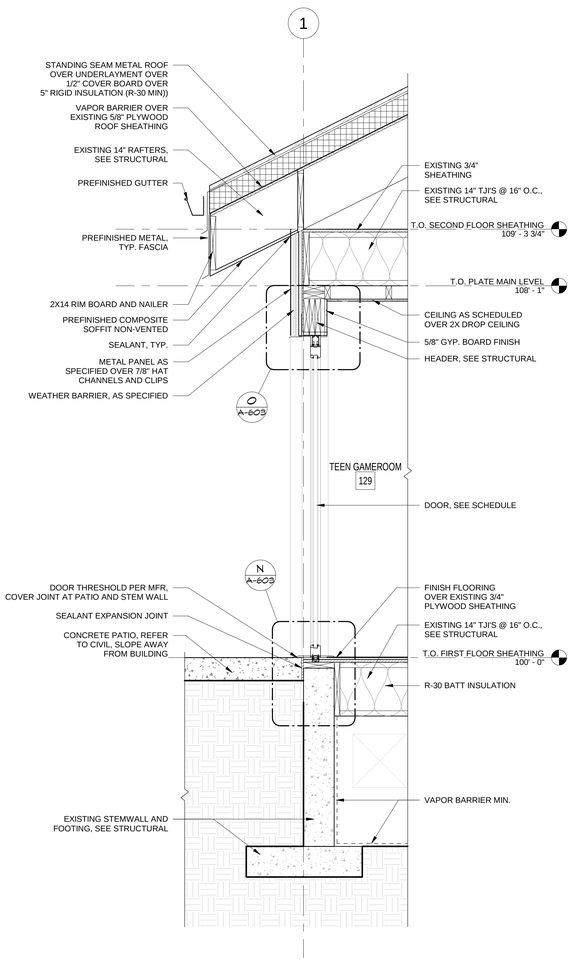
JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

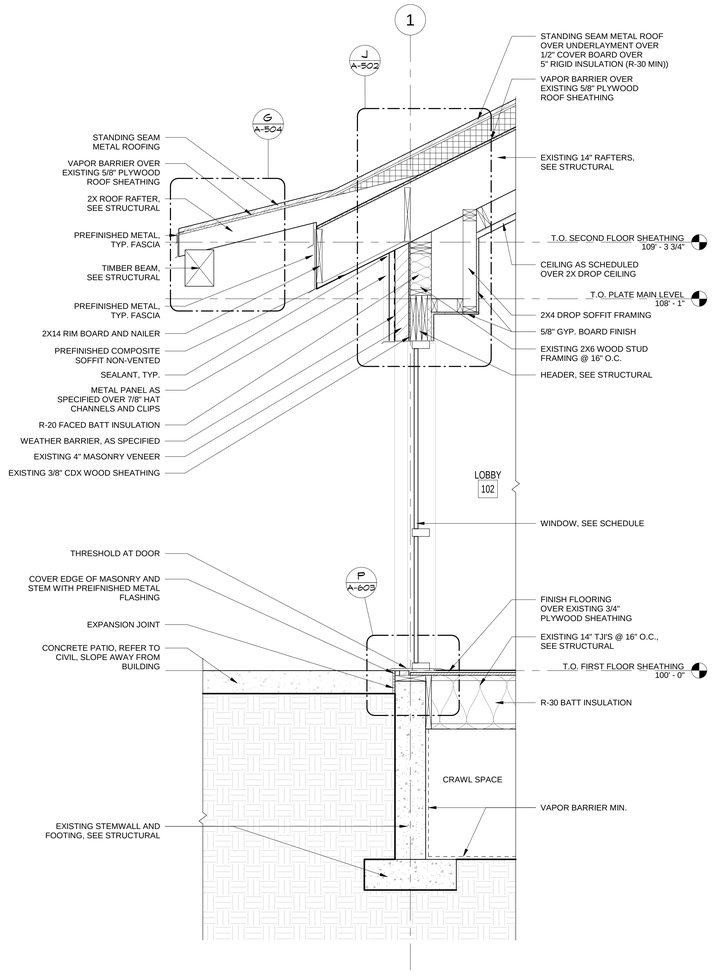
REVISIONS:

A-304
WALL SECTIONS

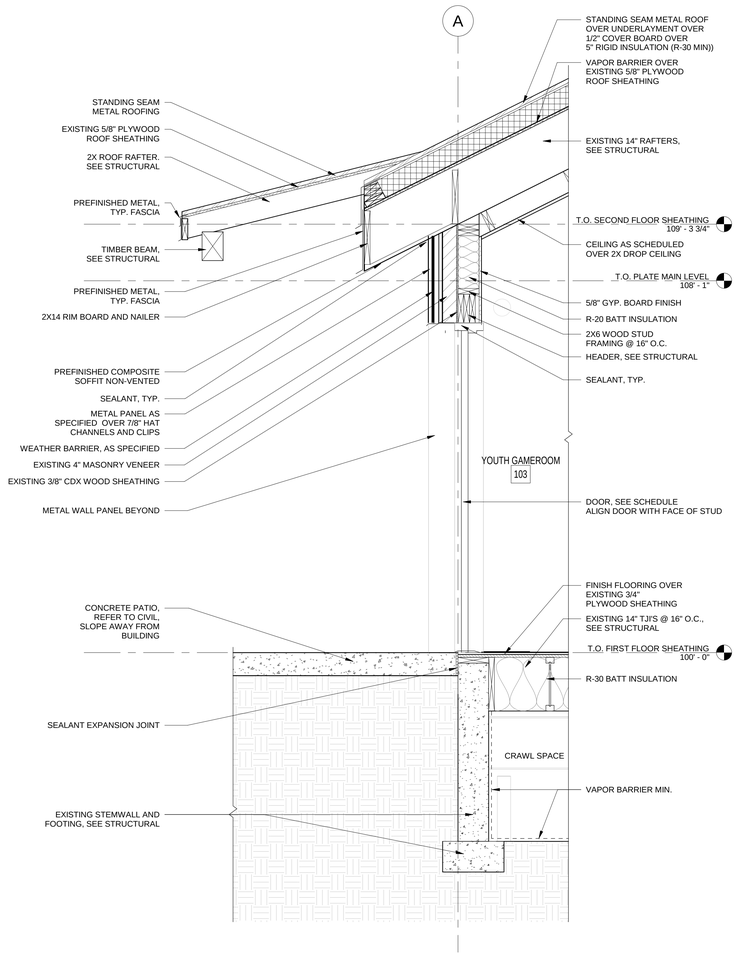
0 2.5 5 10
0 2"



WALL SECTION C
3/4" = 1'-0" A-305



WALL SECTION B
3/4" = 1'-0" A-305



WALL SECTION A
3/4" = 1'-0" A-305

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STATE OF COLORADO
LOUIS REYNOLDS
REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

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OF THE SOUTHERN UTE INDIAN TRIBE

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IGNACIO, CO 81137

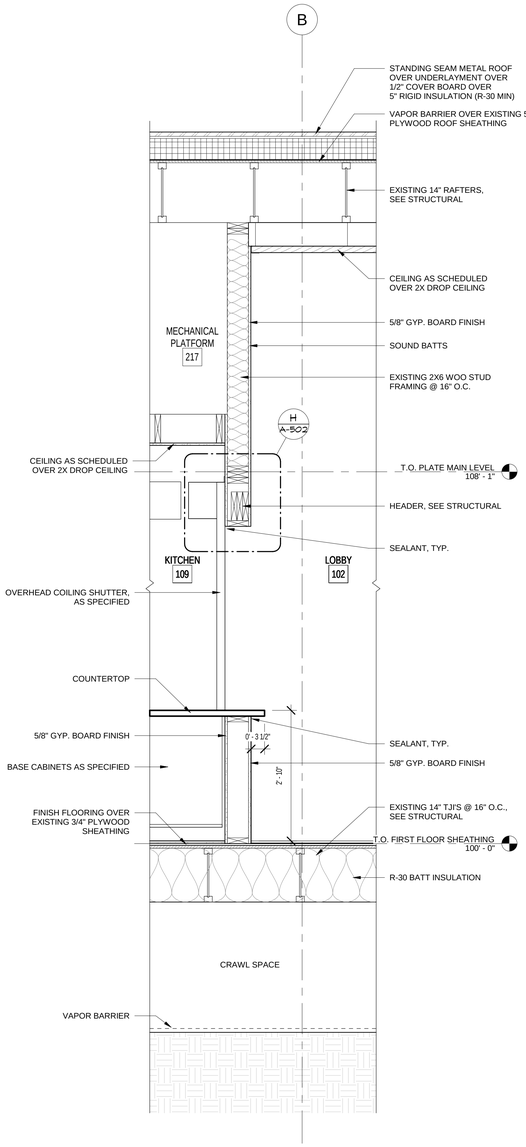
JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
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DD PHASE 2026-07-06
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REVISIONS:

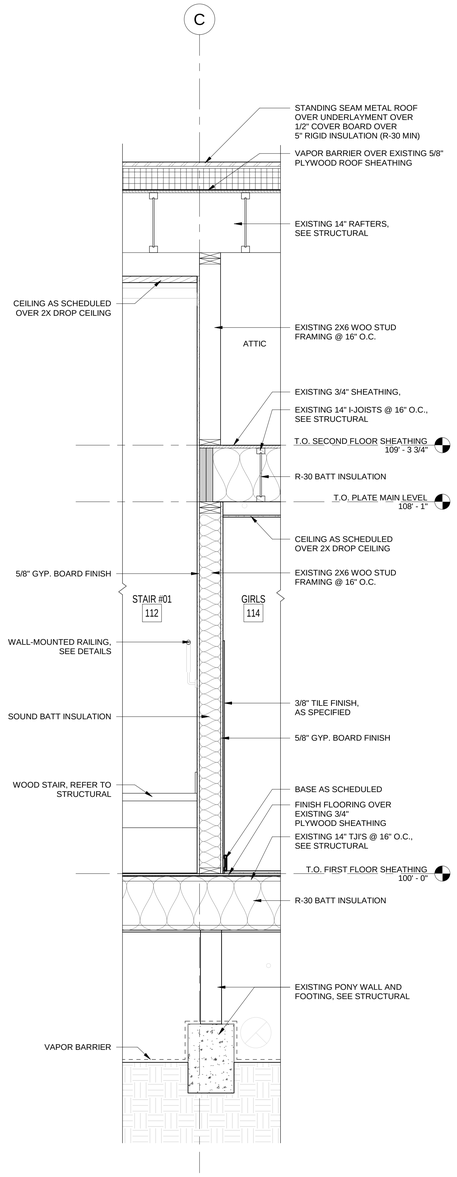
A-305
WALL SECTIONS

0 2.5' 5' 10'
0 2"



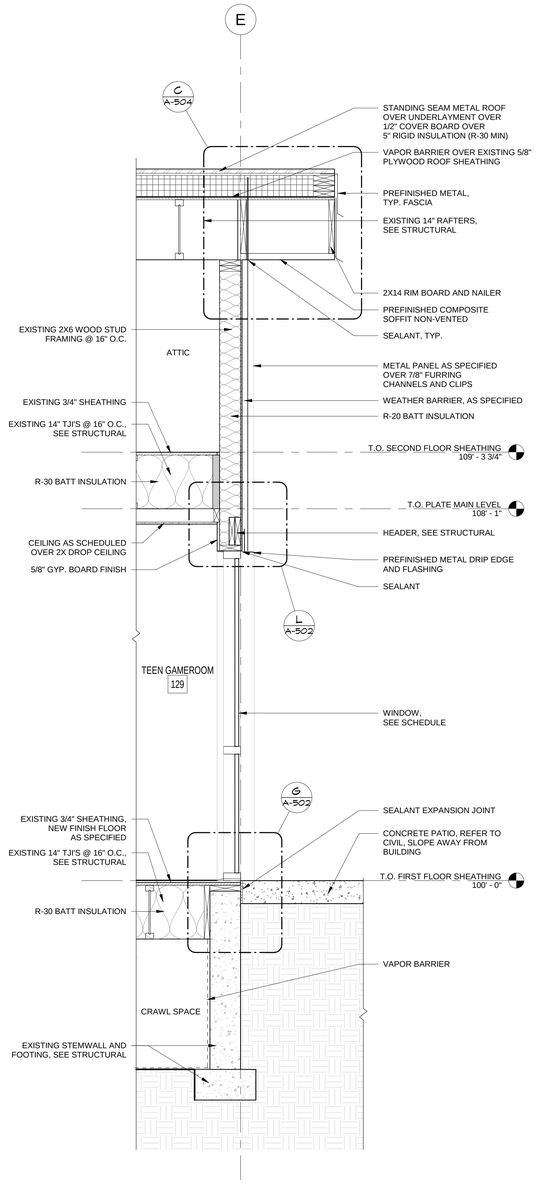
WALL SECTION D

3/4" = 1'-0" A-306



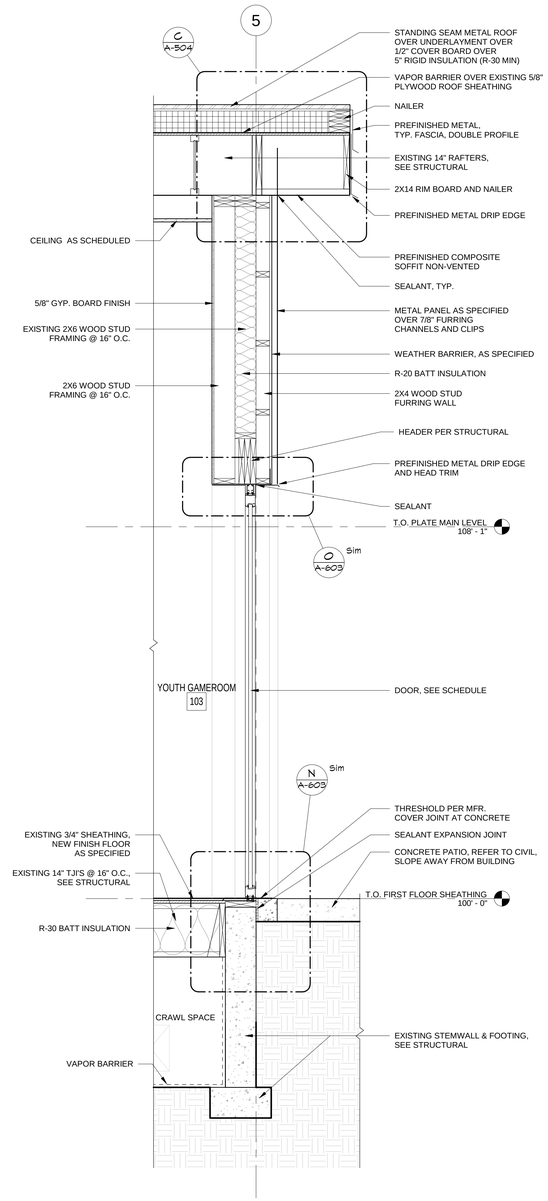
WALL SECTION C

3/4" = 1'-0" A-306



WALL SECTION B

3/4" = 1'-0" A-306



WALL SECTION A

3/4" = 1'-0" A-306

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PROJECT TEAM:

PEAK land design

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THE BOYS AND GIRLS CLUB
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JOB. NO.: **25190**
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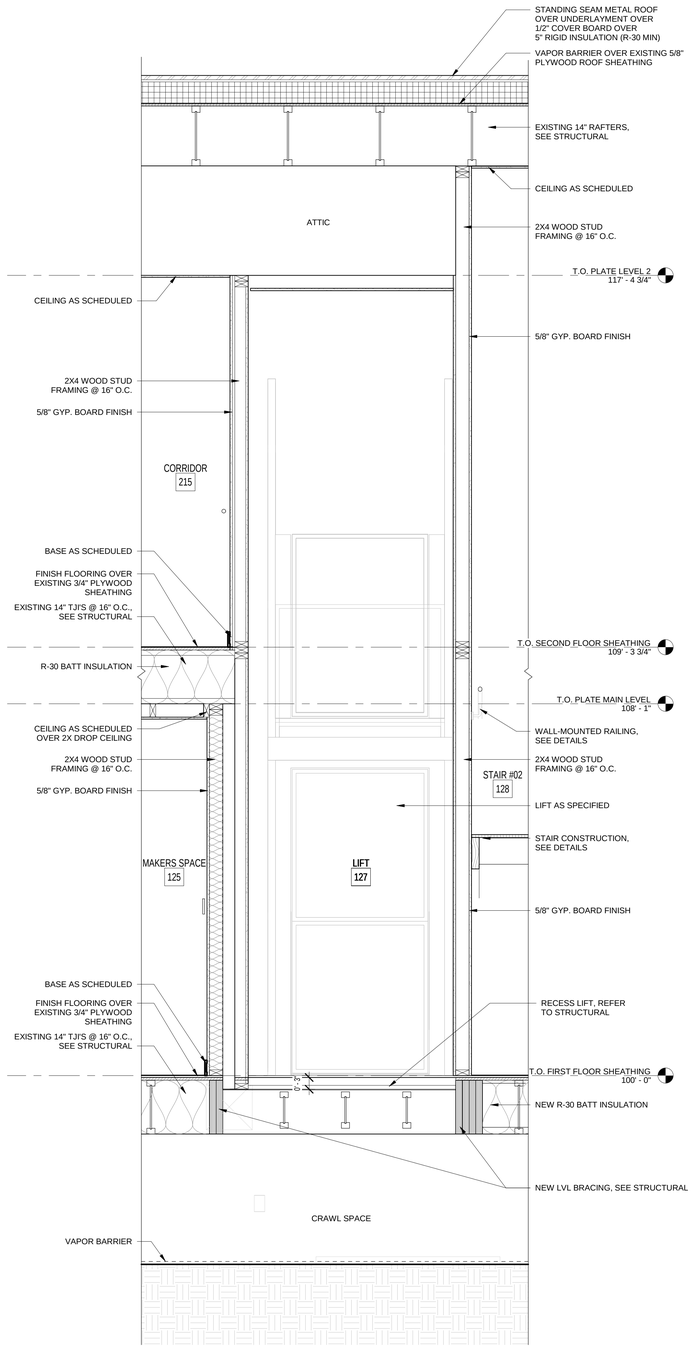
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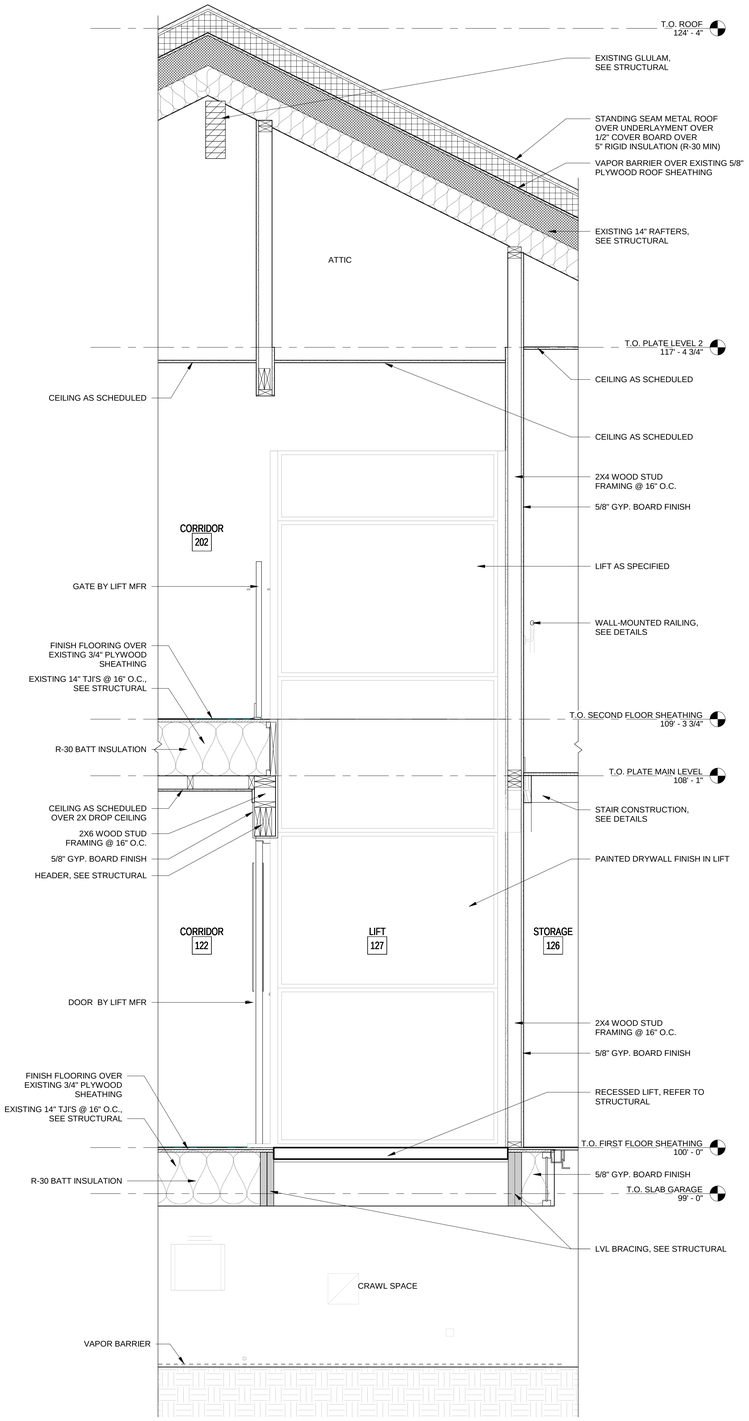
A-306

WALL SECTIONS

0 2.5' 5' 10'
0 2"



WALL SECTION B
3/4" = 1'-0"
A-307



WALL SECTION A
3/4" = 1'-0"
A-307

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STATE OF COLORADO LOUIS REYNOLDS C-5891 REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

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THE BOYS AND GIRLS CLUB
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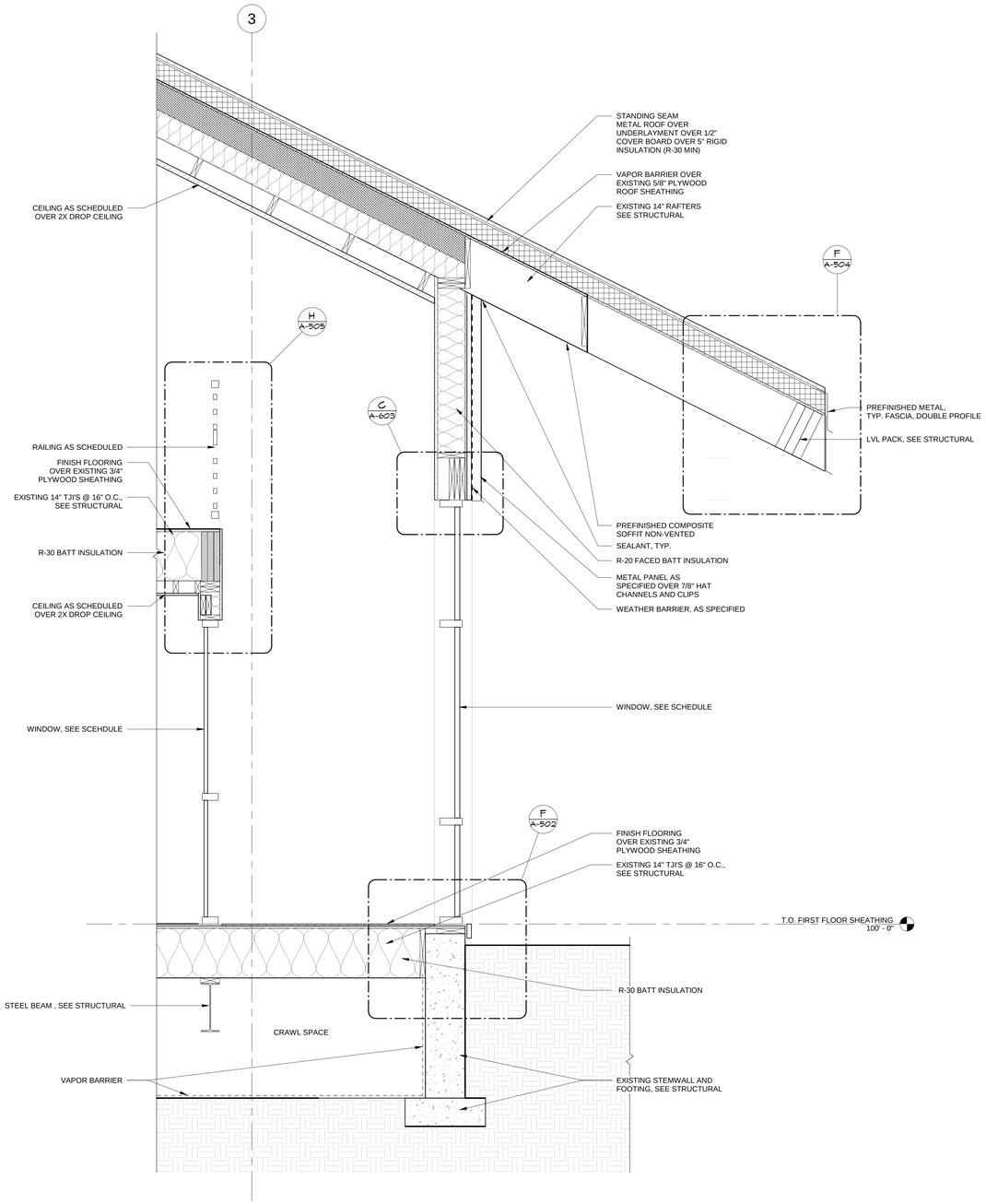
JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

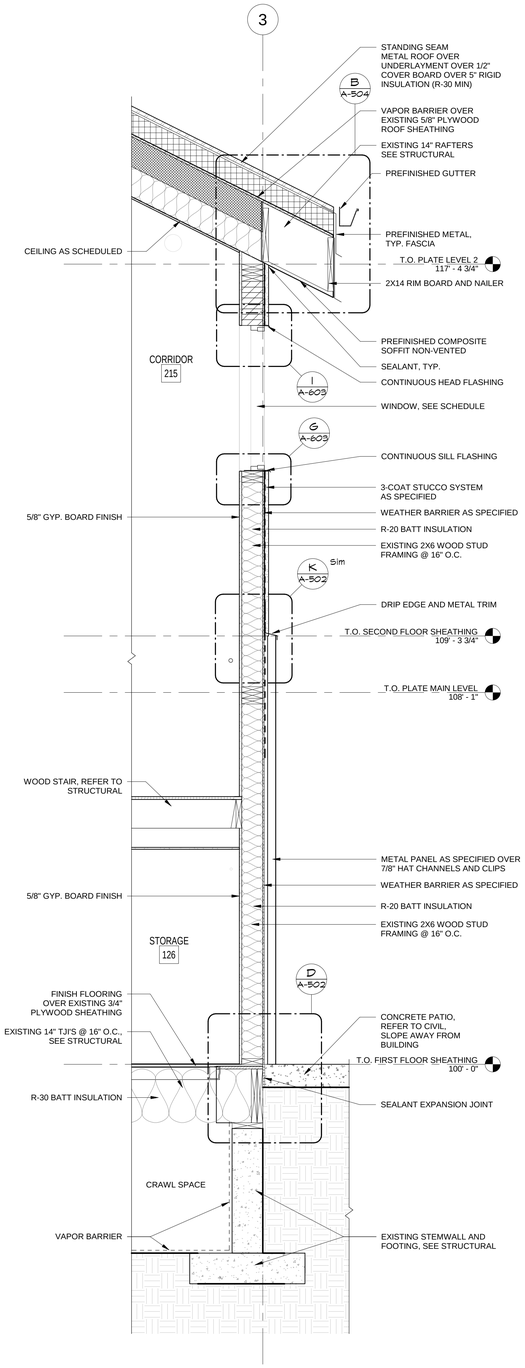
REVISIONS:

A-307
WALL SECTIONS

0 2.5' 5' 10'
0 2'



WALL SECTION B A-308
3/4" = 1'-0"



WALL SECTION A A-308
3/4" = 1'-0"

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PROJECT TEAM:

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THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

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JOB. NO.:	**25190**
ISSUE DATE:	**2026-08-31**
DRAWN BY:	**LES**

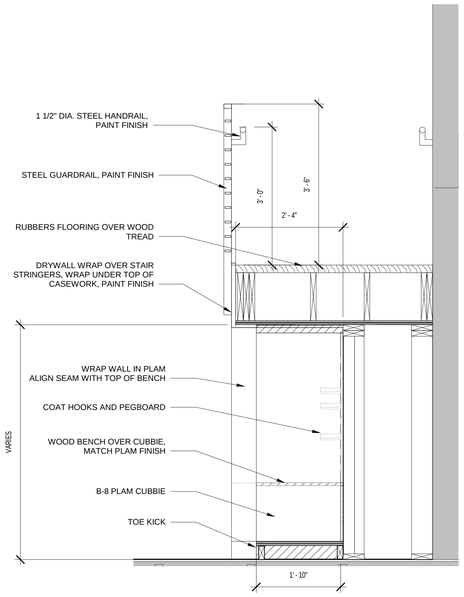
ISSUE RECORD:
SD PHASE 2026-02-06
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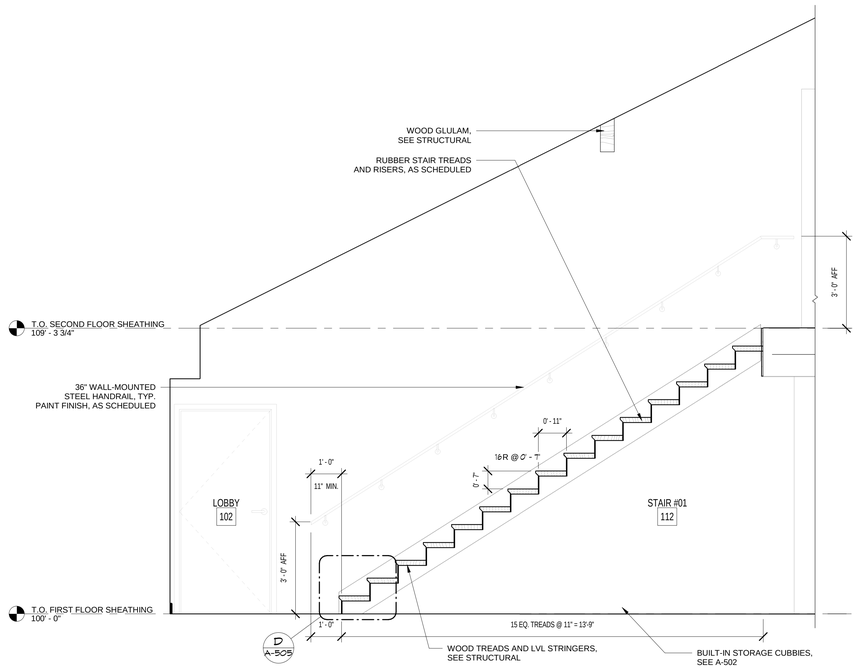
A-308

WALL SECTIONS

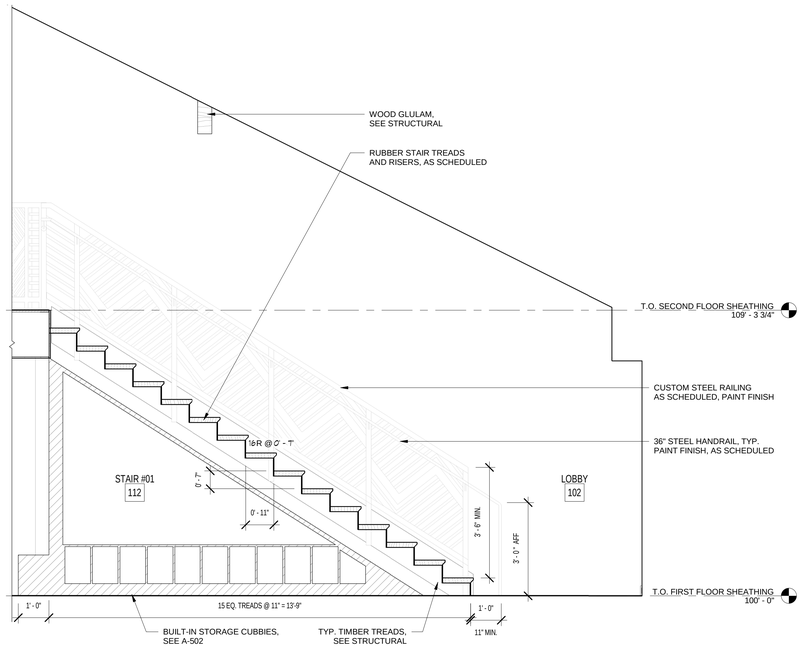
0 2.5 5 10
0 2"



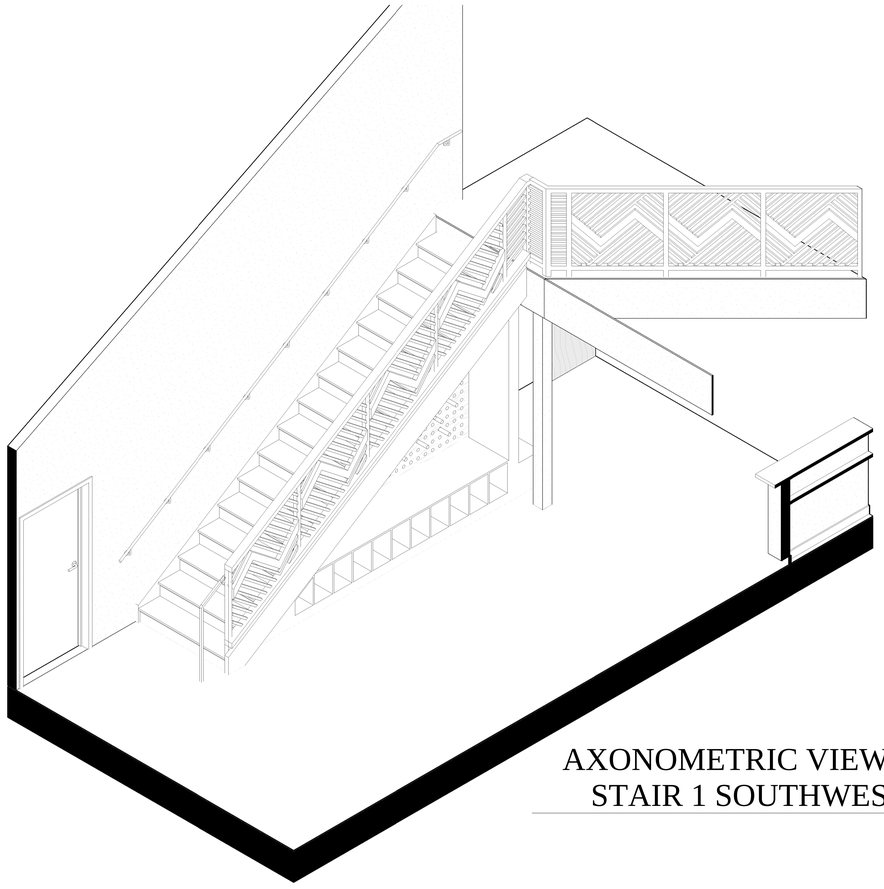
SECTION THROUGH STAIR F
3/4" = 1'-0" A-309



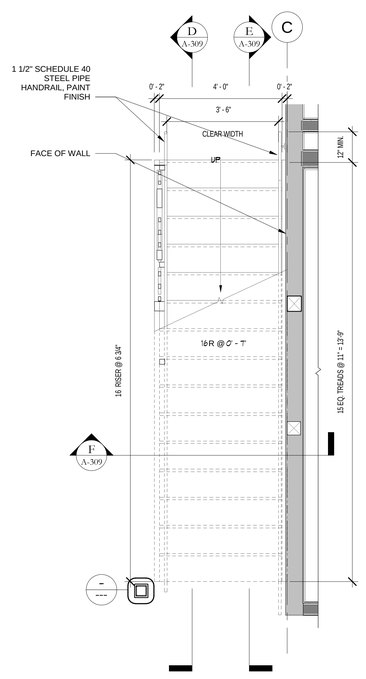
STAIR 1 SECTION - EAST E
1/2" = 1'-0" A-309



STAIR 1 SECTION - WEST D
1/2" = 1'-0" A-309

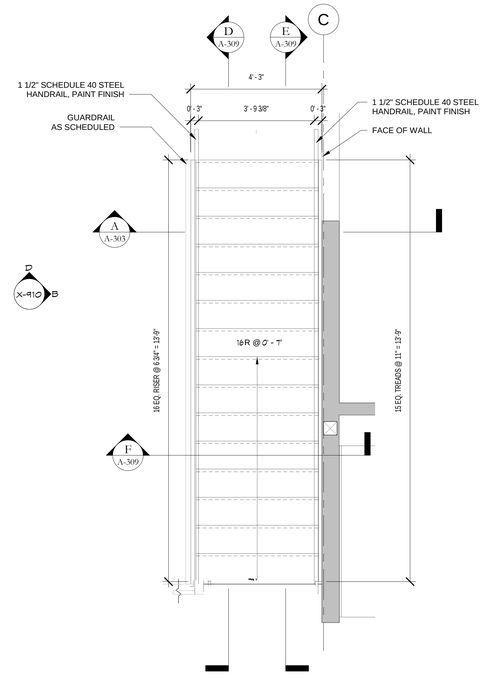


AXONOMETRIC VIEW - STAIR 1 SOUTHWEST C
A-309



STAIR 1 MAIN LEVEL B
1/2" = 1'-0" A-309

NORTH



STAIR 1 UPPER LEVEL A
1/2" = 1'-0" A-309

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

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THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

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IGNACIO, CO 81137

JOB. NO.:	**25190**
ISSUE DATE:	**2026-08-31**
DRAWN BY:	**LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-309

ENLARGED PLANS AND SECTIONS - STAIRS

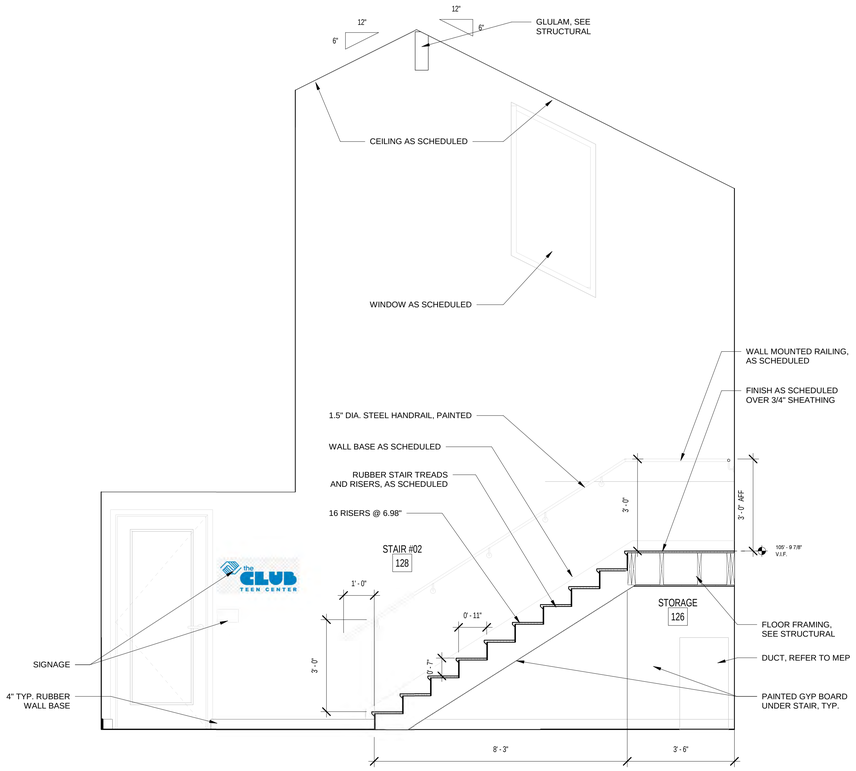
0 2.5" 5" 10"
0 2"

GENERAL NOTES

A. DIMENSIONS INDICATED ARE FROM FACE OF STUD AND TO FACE OF STUD UNLESS OTHERWISE NOTED. SEE ENLARGED FLOOR PLANS FOR ADDITIONAL DIMENSIONS NOT INDICATED ON OVERALL PLANS.

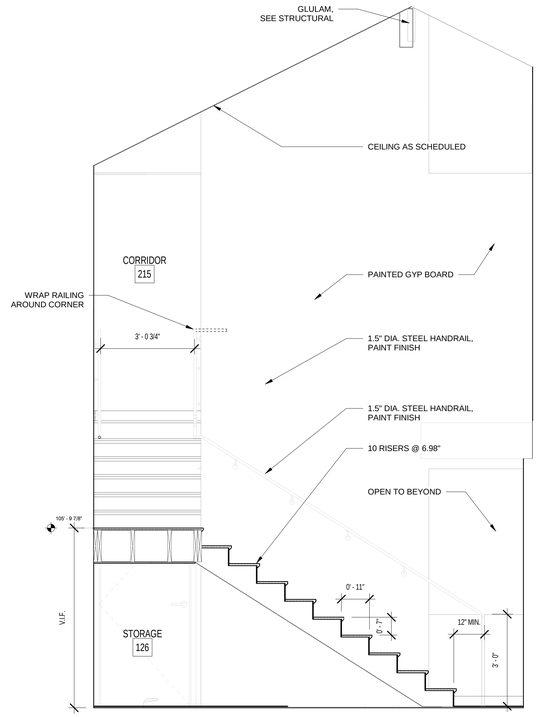
B. CONTRACTOR TO VERIFY LIFT DIMENSIONS AND ROUGH OPENING DIMENSIONS PER MFR.

C. REFER TO INTERIOR FINISH SHEETS FOR ADDITIONAL INFORMATION ON FFE AND FINISHES IN EACH SPACE.



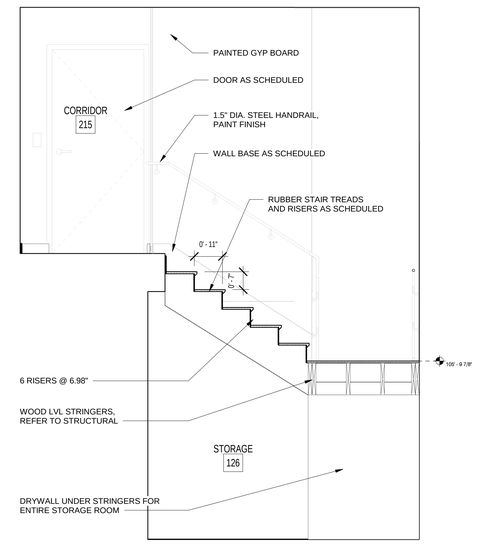
STAIR 2 SECTION - EAST

1/2" = 1'-0" — G — A-310



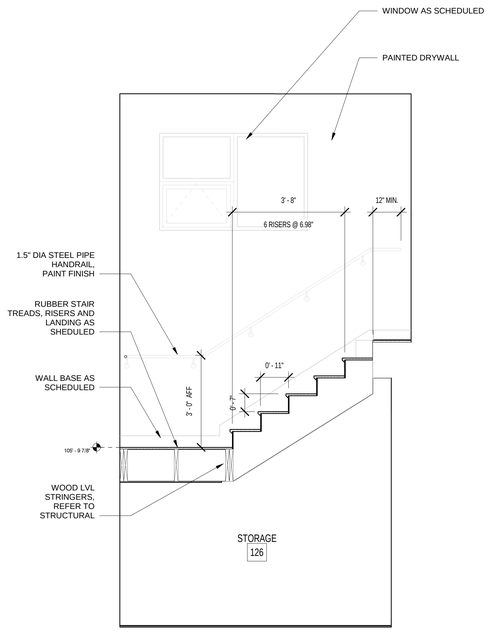
STAIR 2 SECTION - WEST

1/2" = 1'-0" — F — A-310



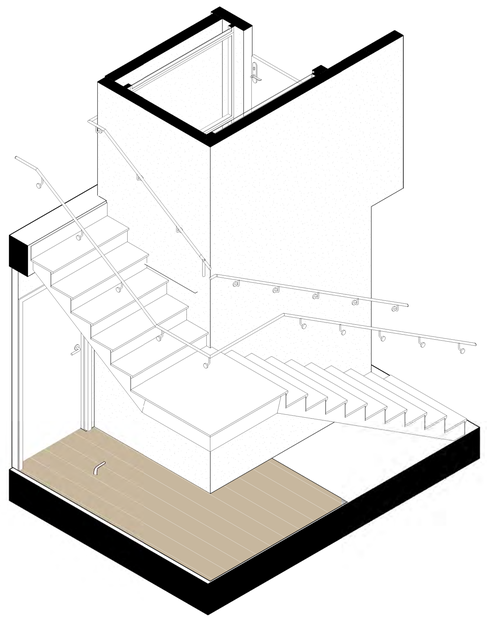
STAIR 2 SECTION - NORTH

1/2" = 1'-0" — E — A-310



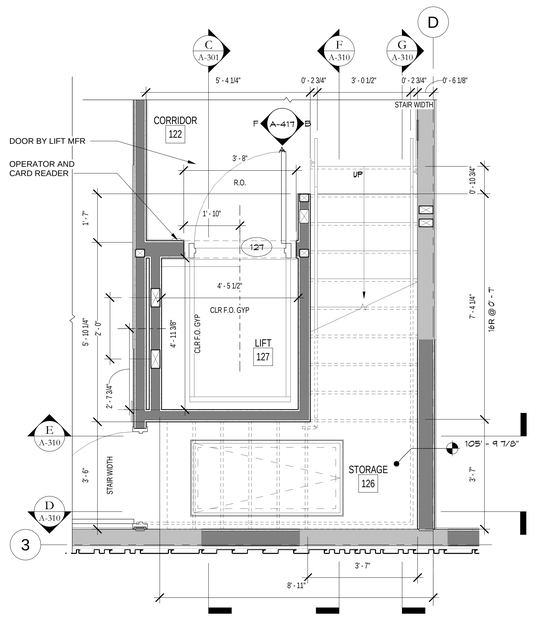
STAIR 2 SECTION - SOUTH

1/2" = 1'-0" — D — A-310



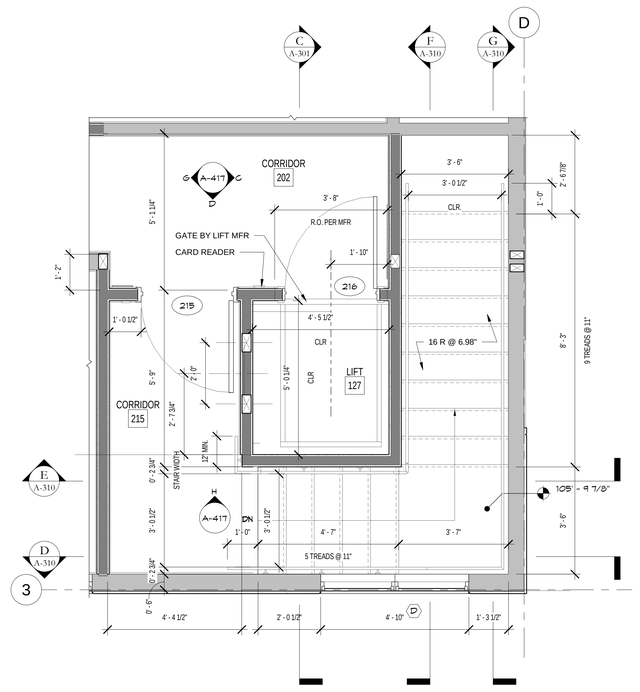
AXONOMETRIC VIEW - STAIR 2 NORTHWEST

C — A-310



STAIR 2 MAIN LEVEL

1/2" = 1'-0" — B — A-310



STAIR 2 UPPER LEVEL

1/2" = 1'-0" — A — A-310

NORTH

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STATE OF COLORADO — ALOYSIUS LESLIE REYNOLDS — REGISTERED ARCHITECT

8/31/2026 11:55:58 PM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

PRINT DATE: 8/31/2026 11:55:58 PM

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

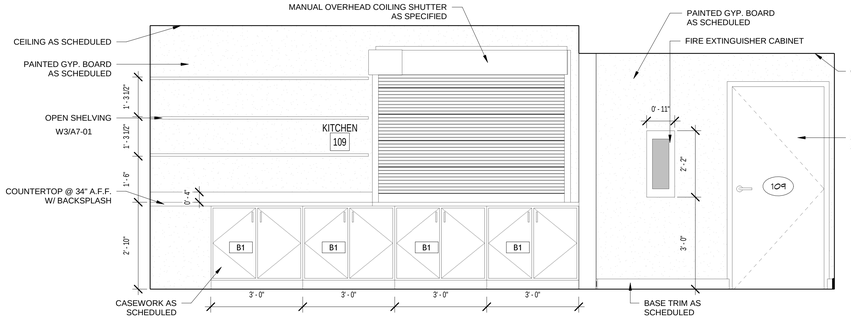
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CD PHASE 2026-08-31

REVISIONS:

A-310

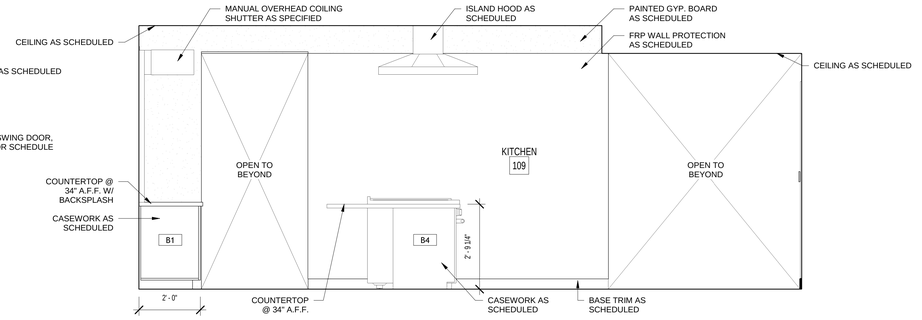
ENLARGED PLANS AND SECTIONS - STAIRS AND LIFT

0 2.5" 5" 10"
0 2"



KITCHEN EAST H

1/2" = 1'-0" A-401

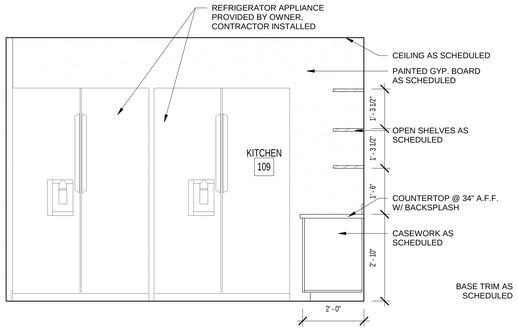


KITCHEN SOUTH G

1/2" = 1'-0" A-401

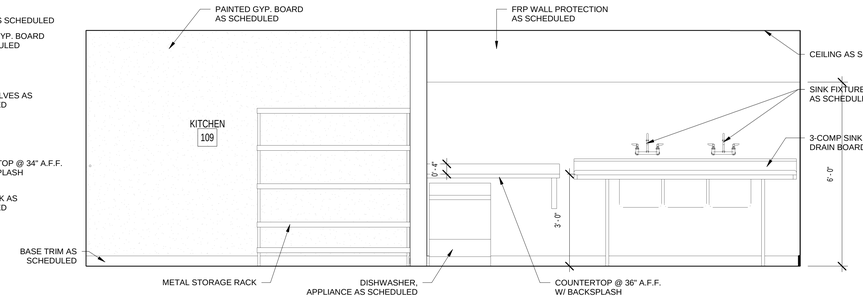
PROPOSED FLOOR PLAN KEYNOTES

1	KEEP EXISTING LOUVER, SEE MEP, PAINT AS SCHEDULED
13	3-COMPARTMENT SINK W/ DRAIN BOARDS, SEE MEP
21	COUNTERTOP @ 34" A.F.F. W/ BASE CABINETS
33	FIRE EXTINGUISHER CABINET (FEC)
37	RANGE AS SPECIFIED, SEE MEP
38	REFRIGERATOR AS SPECIFIED, SEE ELECTRICAL
39	COUNTERTOP MICROWAVE (FFE PACKAGE)
40	EXISTING FREEZER, BY OWNER + INSTALLED BY CONTRACTOR
44	MANUAL OVERHEAD COILING SHUTTER AS SPECIFIED
52	METAL STORAGE RACK (FFE PACKAGE)
53	PREP COUNTER
54	KITCHEN ISLAND
57	OPEN SHELVING ABOVE AS SCHEDULED
61	COUNTERTOP @ 36" A.F.F., OPEN BELOW
63	WALL MOUNTED SINK FIXTURE, SEE MEP
66	SINGLE COMPARTMENT PREP SINK W/ DRAIN BOARD
67	KITCHEN CART STORAGE
74	INTERIOR SIGNAGE, SEE A-702



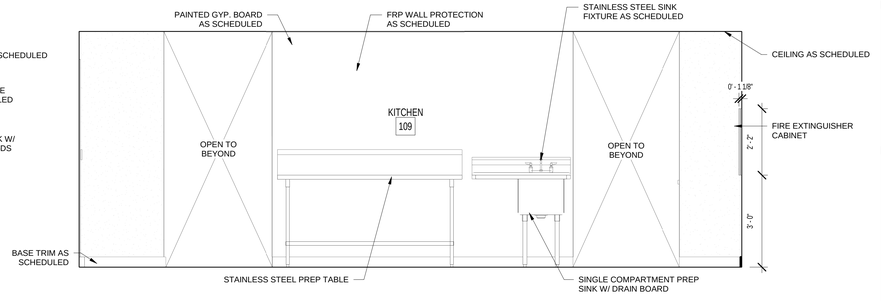
KITCHEN NORTH F

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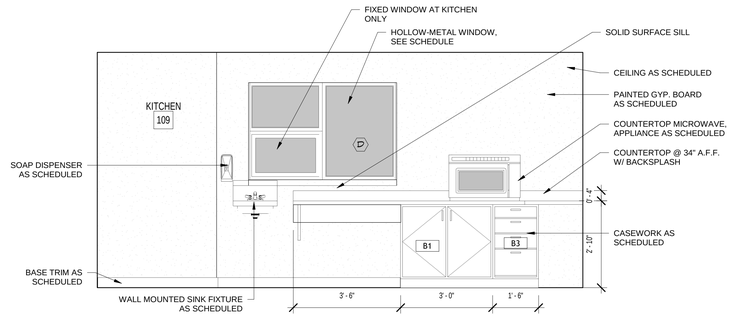
KITCHEN SOUTH E

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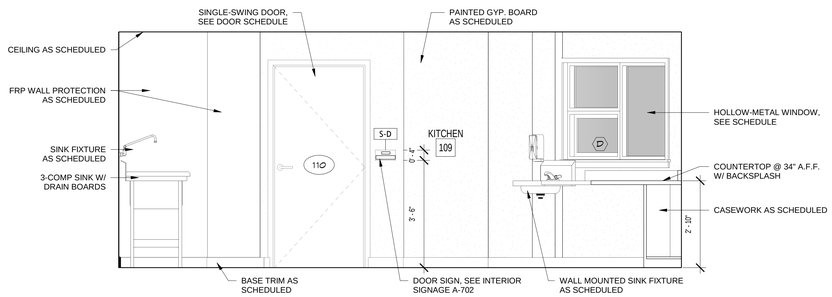
KITCHEN NORTH D

1/2" = 1'-0" A-401



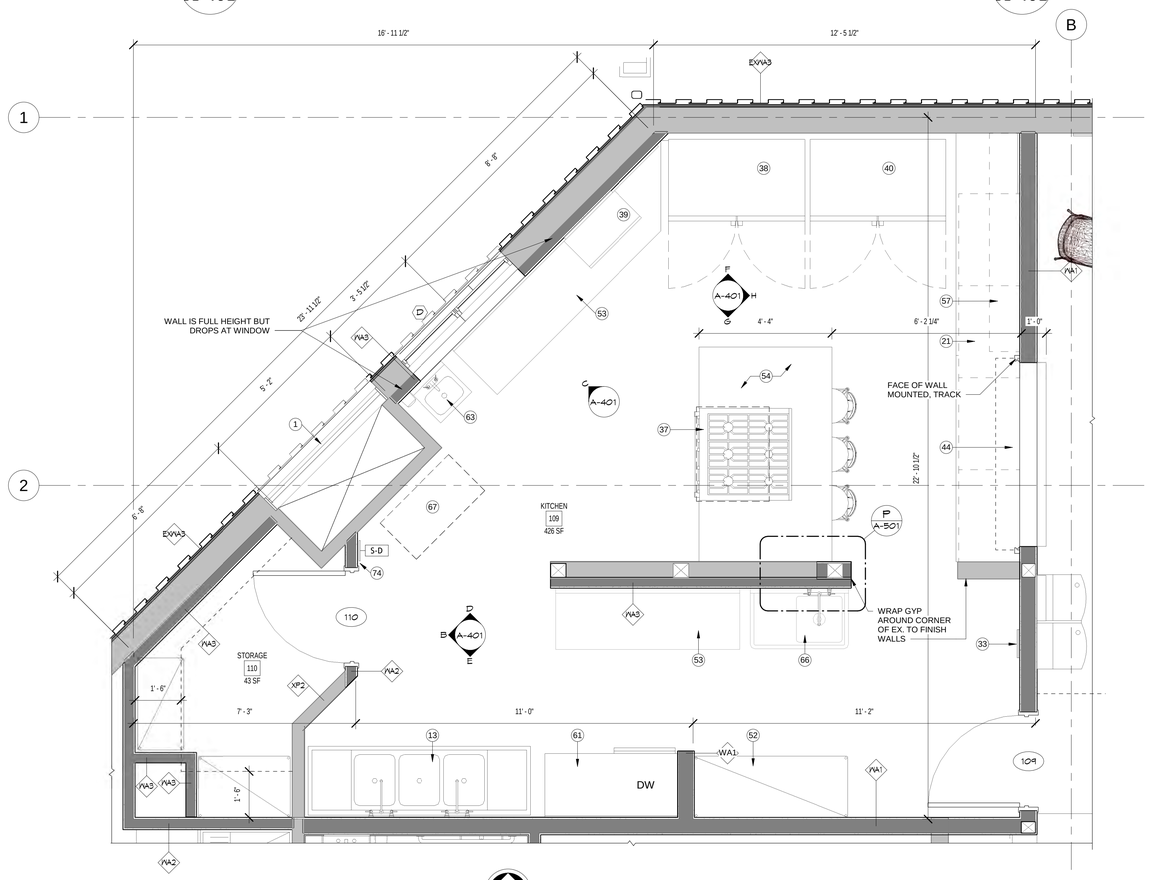
KITCHEN NORTHWEST C

1/2" = 1'-0" A-401



KITCHEN WEST B

1/2" = 1'-0" A-401



NORTH

ENLARGED PLAN - KITCHEN A

1/2" = 1'-0" A-401

PRINT DATE: 9/1/2026 12:00:43 AM

REYNOLDS ASH + ASSOCIATES
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STATE OF COLORADO — LOUIS REYNOLDS — C-9794 — REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

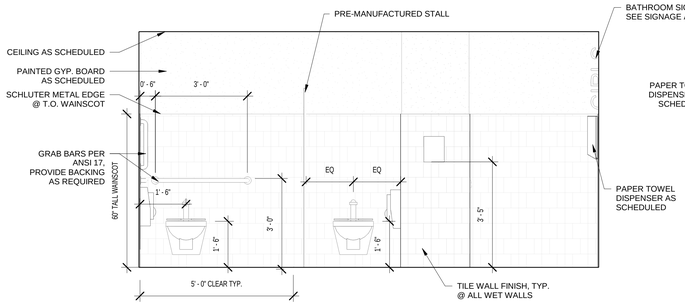
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SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-401

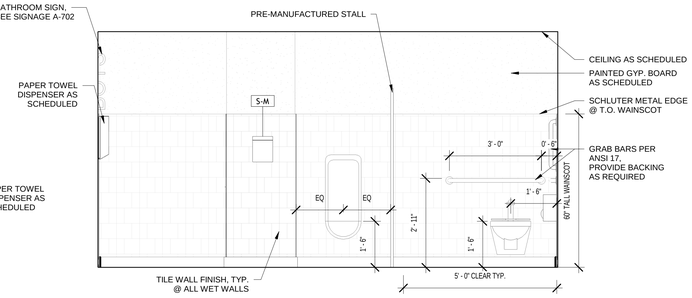
ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS

0 1' 2' 4'
0 2"



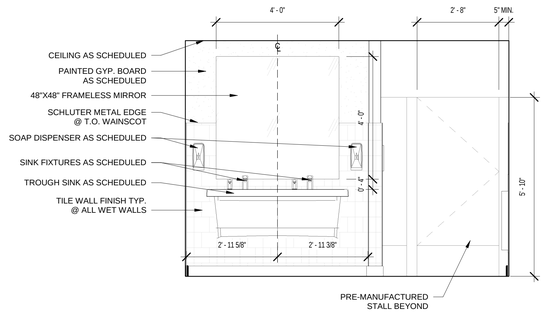
GIRLS RESTROOM EAST

1/2" = 1'-0" L A-402



BOYS RESTROOM WEST

1/2" = 1'-0" K A-402



BOYS RESTROOM NORTH

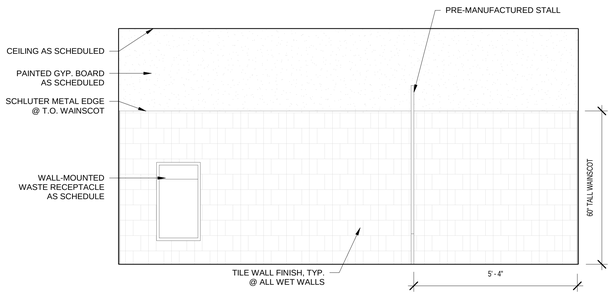
1/2" = 1'-0" J A-402

PROPOSED FLOOR PLAN KEYNOTES

10	TROUGH SINK, SEE MEP
43	FLOOR DRAIN, SEE PLUMBING
74	INTERIOR SIGNAGE, SEE A-702

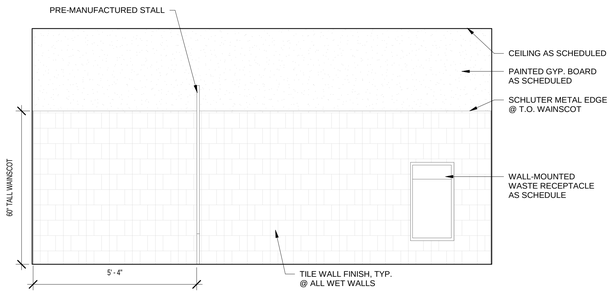
EQUIPMENT KEYNOTE LEGEND

1	TA-1, DOUBLE-ROLL TOILET PAPER DISPENSER
2	TA-2, PAPER TOWEL DISPENSER
4	TA-4, WASTE RECPTACLE
5	TA-5, SANITARY NAPKIN DISPOSAL UNIT
6	TA-6, AUTOMATIC SOAP DISPENSER, AS SPECIFIED
9	TA-9, GRAB BARS



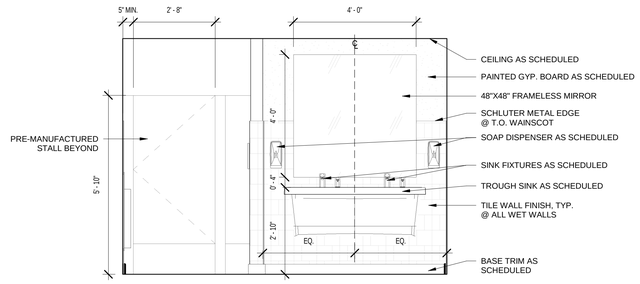
GIRLS RESTROOM WEST

1/2" = 1'-0" H A-402



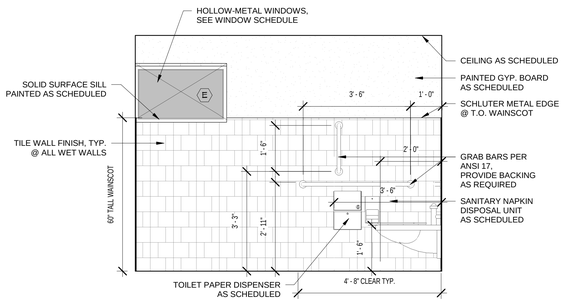
BOYS RESTROOM EAST

1/2" = 1'-0" G A-402



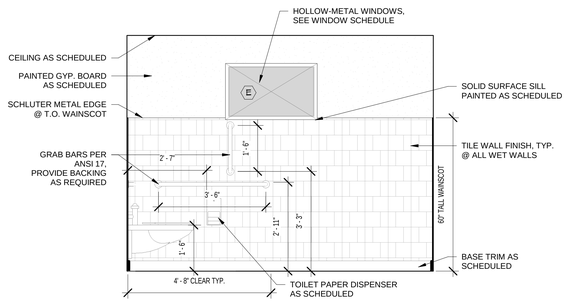
GIRLS RESTROOM NORTH

1/2" = 1'-0" F A-402



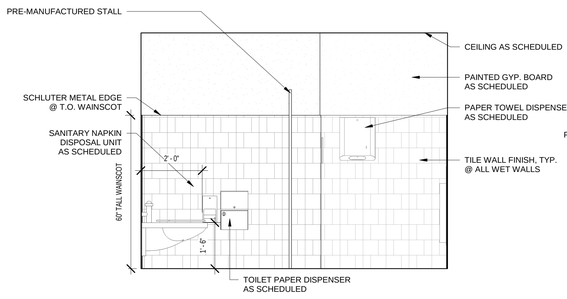
GIRLS RESTROOM NORTH

1/2" = 1'-0" E A-402



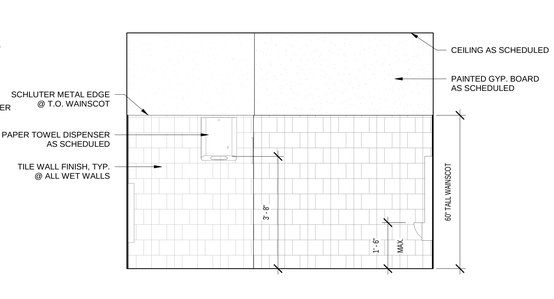
BOYS RESTROOM NORTH

1/2" = 1'-0" D A-402



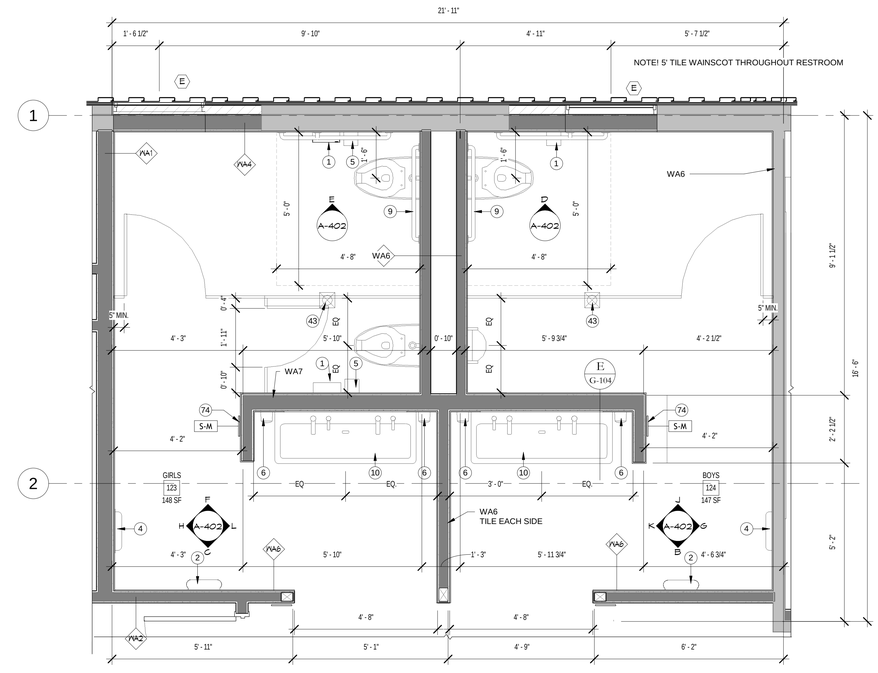
GIRLS RESTROOM SOUTH

1/2" = 1'-0" C A-402



BOYS RESTROOM SOUTH

1/2" = 1'-0" B A-402



ENLARGED PLAN - RESTROOM

1/2" = 1'-0" A A-402

NORTH

RA REYNOLDS ASH + ASSOCIATES ARCHITECTURE ENGINEERING

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STATE OF COLORADO — LOUIS REYNOLDS — REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

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THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

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IGNACIO, CO 81137

JOB. NO.:	25190
ISSUE DATE:	2026-08-31
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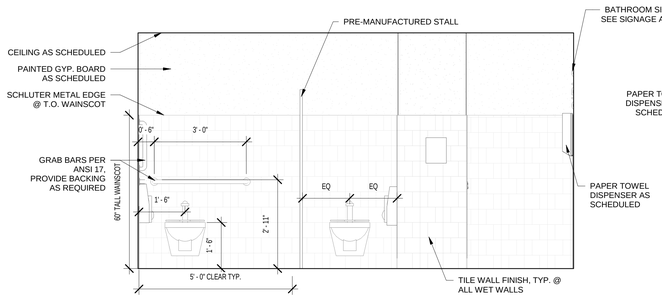
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SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-402

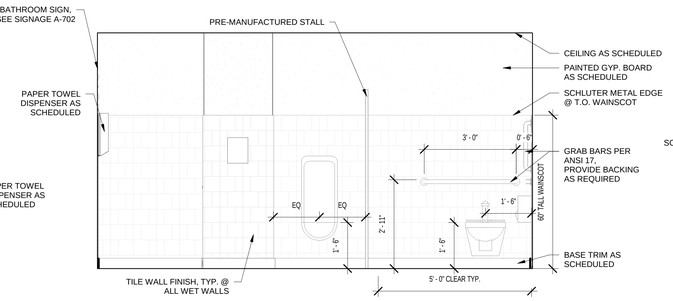
ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS

0 1' 2' 4'
0 2"



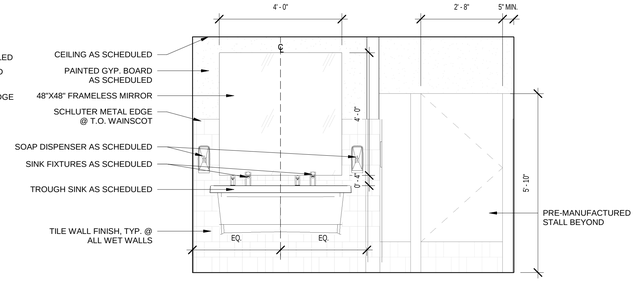
GIRLS RESTROOM EAST L

1/2" = 1'-0" A-403



BOYS RESTROOM SOUTH K

1/2" = 1'-0" A-403



BOYS RESTROOM NORTH J

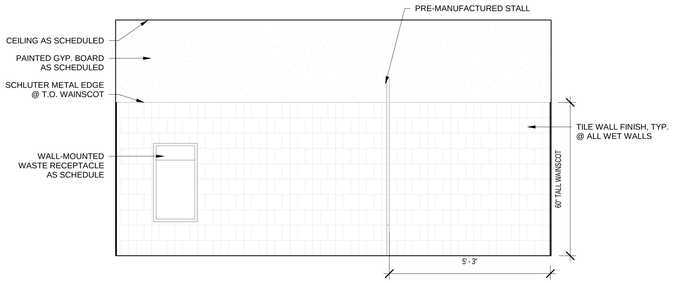
1/2" = 1'-0" A-403

PROPOSED FLOOR PLAN KEYNOTES

10	TROUGH SINK, SEE MEP
43	FLOOR DRAIN, SEE PLUMBING
74	INTERIOR SIGNAGE, SEE A-702

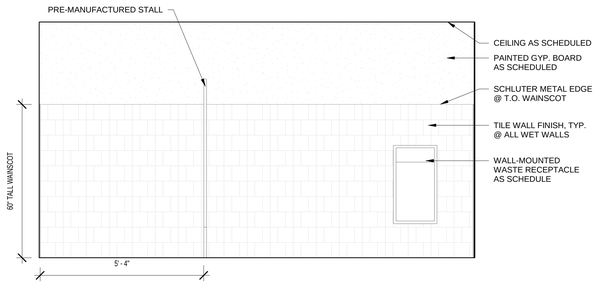
EQUIPMENT KEYNOTE LEGEND

1	TA-1, DOUBLE-ROLL TOILET PAPER DISPENSER
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9	TA-9, GRAB BARS



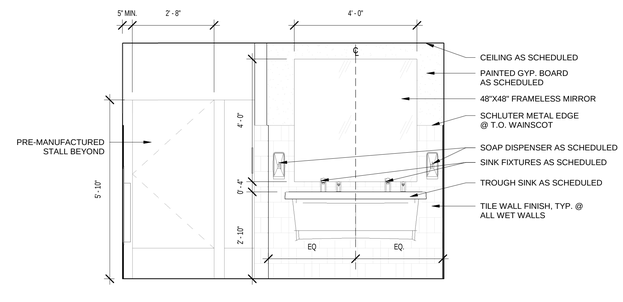
GIRLS RESTROOM WEST H

1/2" = 1'-0" A-403



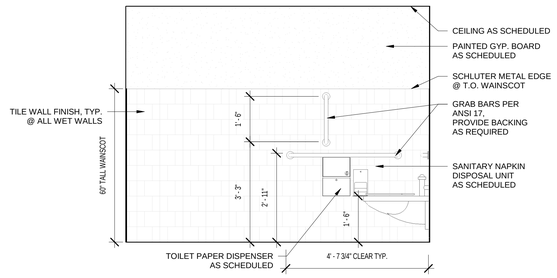
BOYS RESTROOM EAST G

1/2" = 1'-0" A-403



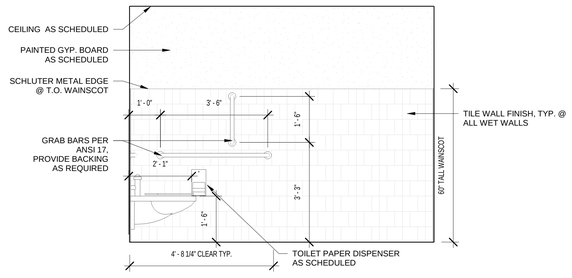
GIRLS RESTROOM NORTH F

1/2" = 1'-0" A-403



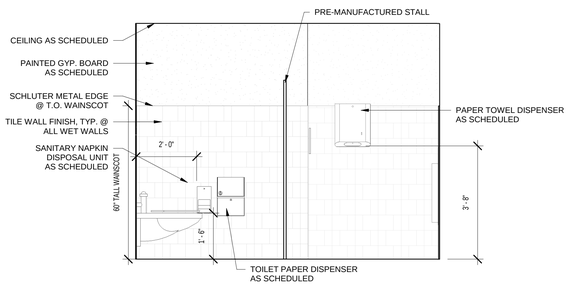
GIRLS RESTROOM NORTH E

1/2" = 1'-0" A-403



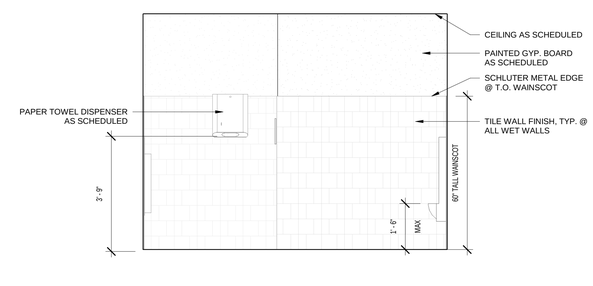
BOYS RESTROOM NORTH D

1/2" = 1'-0" A-403



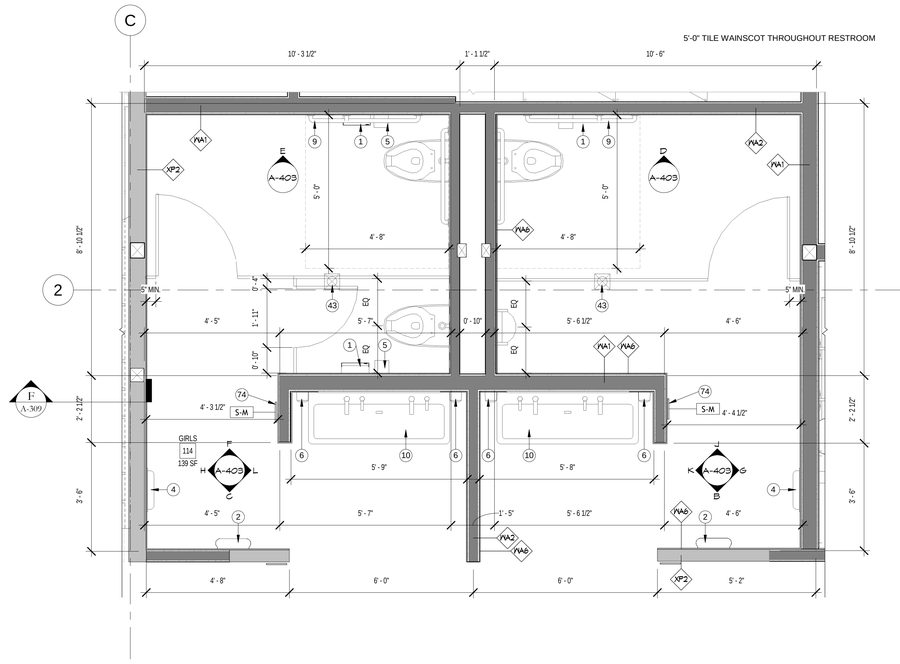
GIRLS RESTROOM SOUTH C

1/2" = 1'-0" A-403



BOYS RESTROOM SOUTH B

1/2" = 1'-0" A-403



ENLARGED PLAN - RESTROOM A

1/2" = 1'-0" A-403

NORTH

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STATE OF COLORADO
ALOYSIUS BENEDICT LEWIS
REGISTERED ARCHITECT

9/1/2026 12:02:56 AM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

PRINT DATE: 9/1/2026 12:02:56 AM

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OF THE SOUTHERN UTE INDIAN TRIBE

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JOB. NO.: 25190
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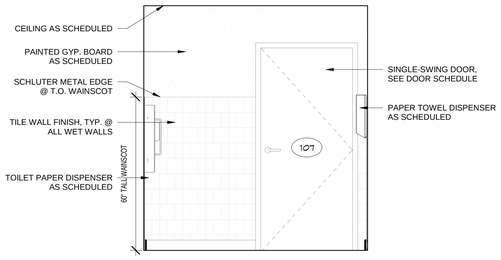
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CD PHASE 2026-08-31

REVISIONS:

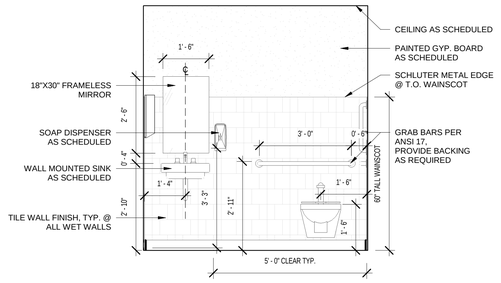
A-403

ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS

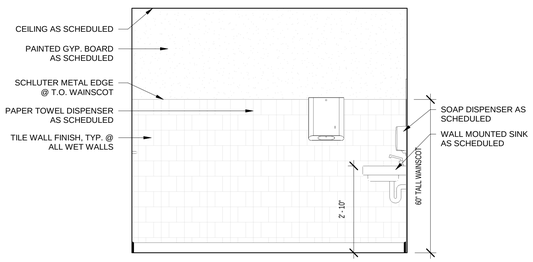
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0 2"



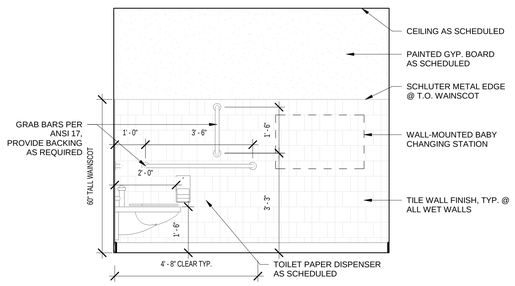
STAFF RESTROOM SOUTH K
1/2" = 1'-0" A-404



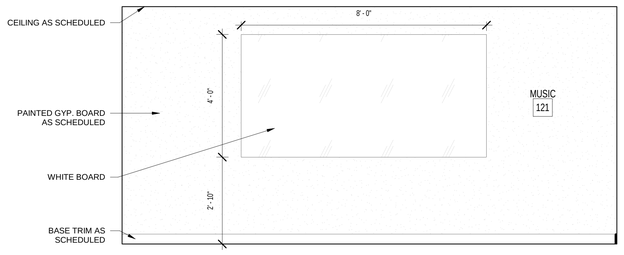
STAFF RESTROOM NORTH J
1/2" = 1'-0" A-404



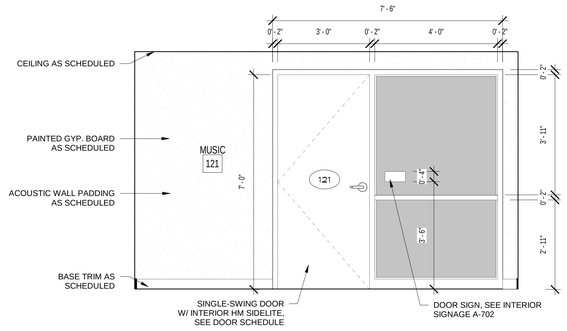
STAFF RESTROOM WEST H
1/2" = 1'-0" A-404



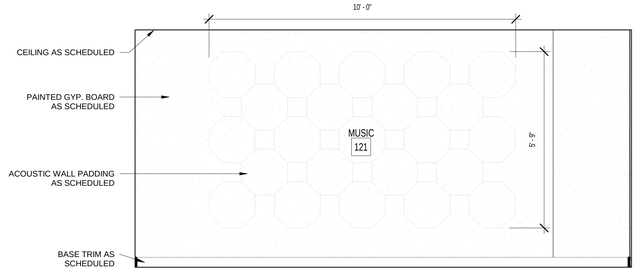
STAFF RESTROOM EAST G
1/2" = 1'-0" A-404



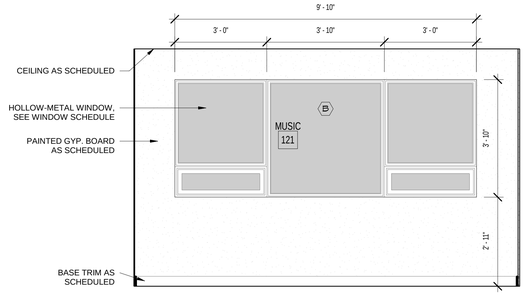
MUSIC ROOM EAST E
1/2" = 1'-0" A-404



MUSIC ROOM NORTH D
1/2" = 1'-0" A-404



MUSIC ROOM WEST C
1/2" = 1'-0" A-404



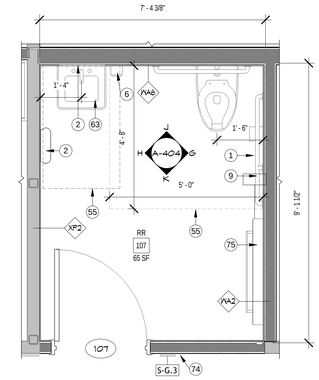
MUSIC ROOM SOUTH B
1/2" = 1'-0" A-404

PROPOSED FLOOR PLAN KEYNOTES

6	INTERIOR HOLLOW-METAL WINDOWS, 7' HEAD HEIGHT
55	ADA CLEARANCE, SEE CODE DETAILS
62	WHITE BOARD AS SCHEDULED
63	WALL MOUNTED SINK FIXTURE, SEE MEP
71	ACOUSTIC WALL PADDING
74	INTERIOR SIGNAGE, SEE A-702
75	WALL-MOUNTED BABY CHANGING STATION

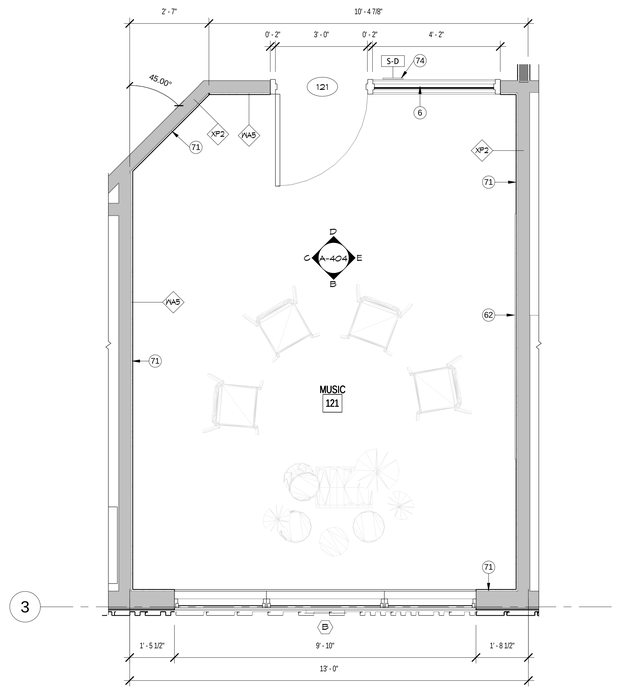
EQUIPMENT KEYNOTE LEGEND

1	TA-1, DOUBLE-ROLL TOILET PAPER DISPENSER
2	TA-2, PAPER TOWEL DISPENSER
6	TA-6, AUTOMATIC SOAP DISPENSER, AS SPECIFIED
9	TA-9, GRAB BARS



NORTH

ENLARGED PLAN - STAFF RESTROOM F
1/2" = 1'-0" A-404



3

NORTH

ENLARGED PLAN - MUSIC ROOM A
1/2" = 1'-0" A-404

PRINT DATE: 9/1/2026 12:03:58 AM

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	**25190**
ISSUE DATE:	**2026-08-31**
DRAWN BY:	**LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

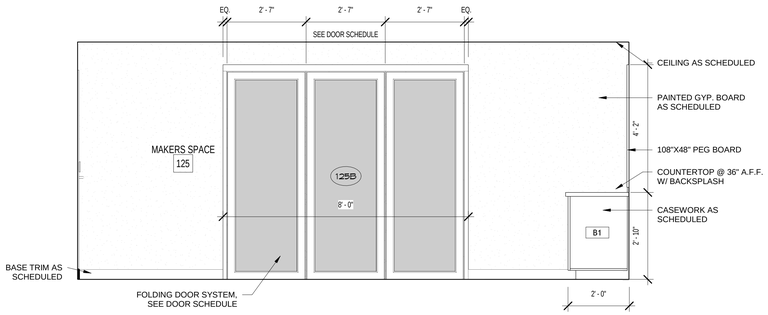
A-404

ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS

0 1' 2' 4'
0 2"

PROPOSED FLOOR PLAN KEYNOTES

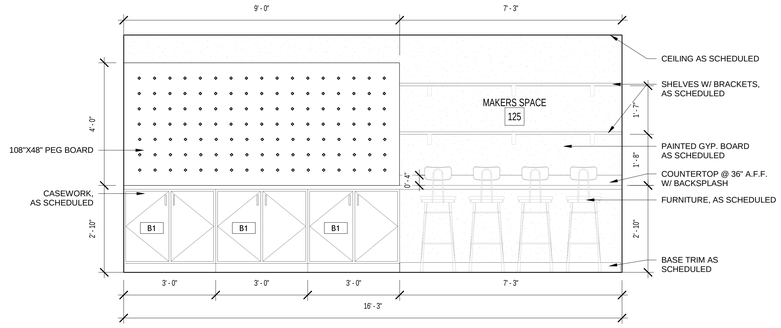
6	INTERIOR HOLLOW-METAL WINDOWS, 7' HEAD HEIGHT
7	FOLDING DOOR SYSTEM - 9' HEAD HEIGHT
21	COUNTERTOP @ 34" A.F.F. W/ BASE CABINETS
33	FIRE EXTINGUISHER CABINET (FEC)
57	OPEN SHELVING ABOVE AS SCHEDULED
61	COUNTERTOP @ 36" A.F.F., OPEN BELOW
62	WHITE BOARD AS SCHEDULED
74	INTERIOR SIGNAGE, SEE A-702



MAKER SPACE SOUTH

1/2" = 1'-0"

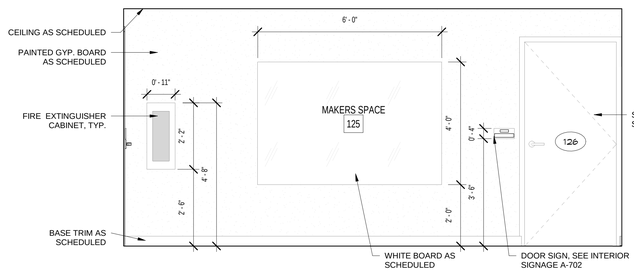
E / A-405



MAKER SPACE WEST

1/2" = 1'-0"

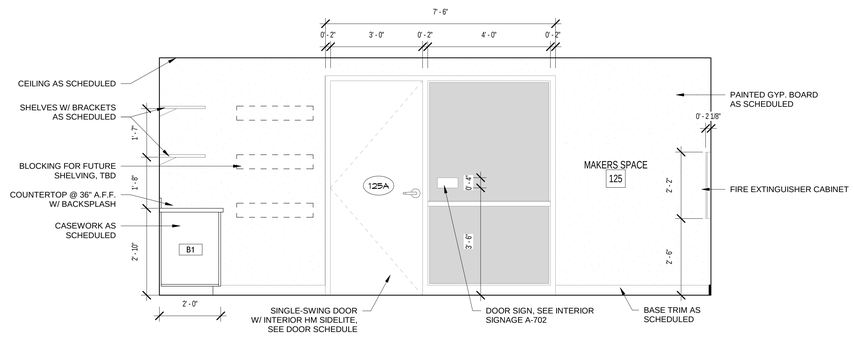
D / A-405



MAKER SPACE EAST

1/2" = 1'-0"

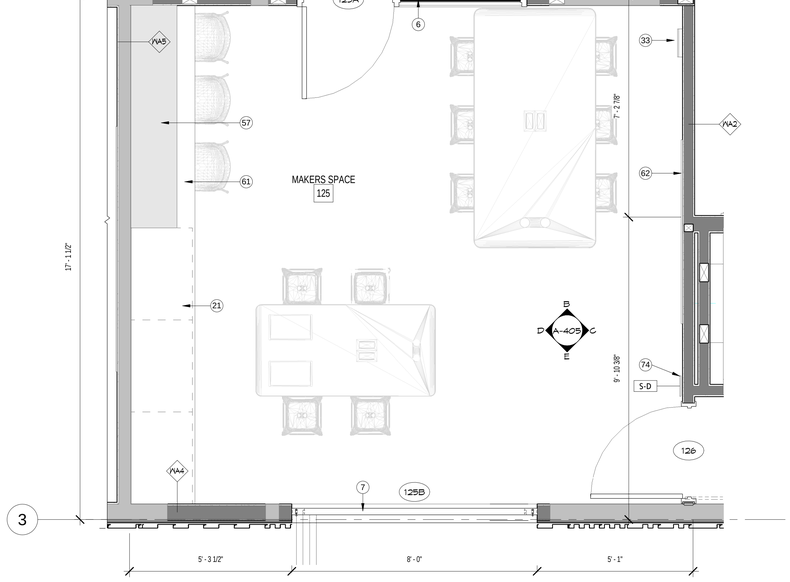
C / A-405



MAKER SPACE NORTH

1/2" = 1'-0"

B / A-405



NORTH

ENLARGED FLOOR PLAN - MAKER SPACE

1/2" = 1'-0"

A / A-405

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

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THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

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IGNACIO, CO 81137

JOB. NO.:	**25190**
ISSUE DATE:	**2026-08-31**
DRAWN BY:	**LES**

ISSUE RECORD:
SD PHASE 2026-02-06
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CD PHASE 2026-08-31

REVISIONS:

A-405

ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS

0 1' 2' 4'
0 2"

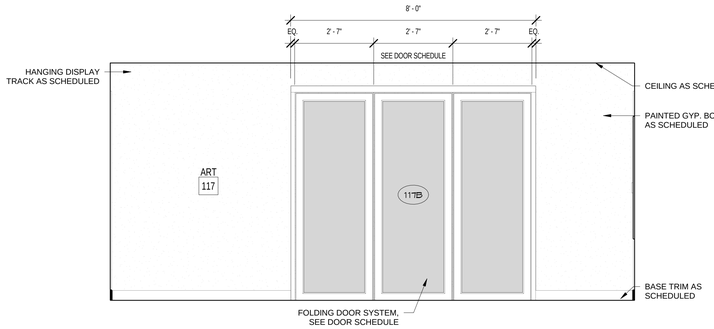
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PROPOSED FLOOR PLAN KEYNOTES

6	INTERIOR HOLLOW-METAL WINDOWS, 7' HEAD HEIGHT
7	FOLDING DOOR SYSTEM - 9' HEAD HEIGHT
10	TROUGH SINK, SEE MEP
11	DOUBLE BASIN SINK FIXTURE AS SPECIFIED, SEE PLUMBING
20	COUNTERTOP W/ BASE CABINETS AND UPPER CABINETS ABOVE
69	CART BY OWNER
70	TRASH CAN BY OWNER
73	FFE, BY OWNER
74	INTERIOR SIGNAGE, SEE A-702

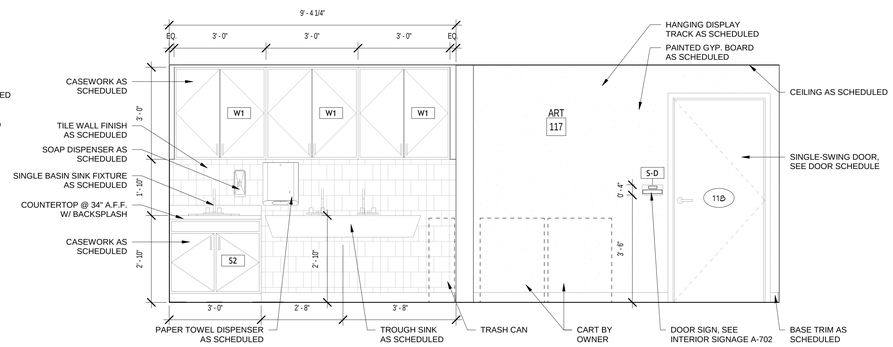
EQUIPMENT KEYNOTE LEGEND

2	TA-2, PAPER TOWEL DISPENSER
6	TA-6, AUTOMATIC SOAP DISPENSER, AS SPECIFIED



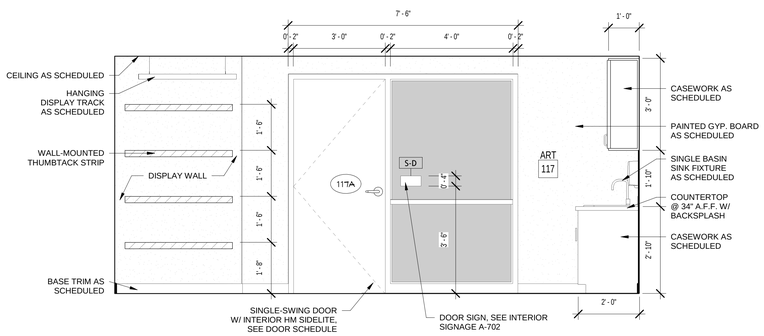
ART ROOM NORTH — E

1/2" = 1'-0" A-406



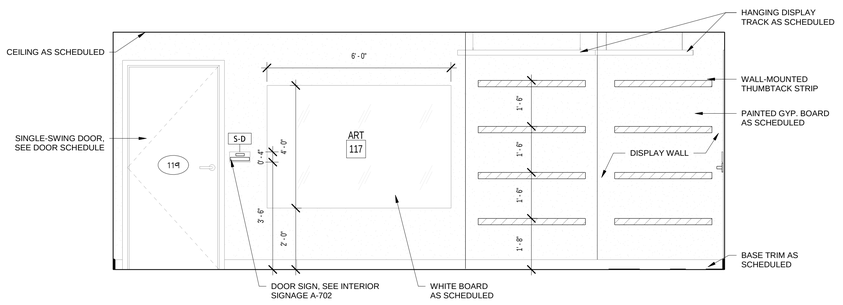
ART ROOM WEST — D

1/2" = 1'-0" A-406



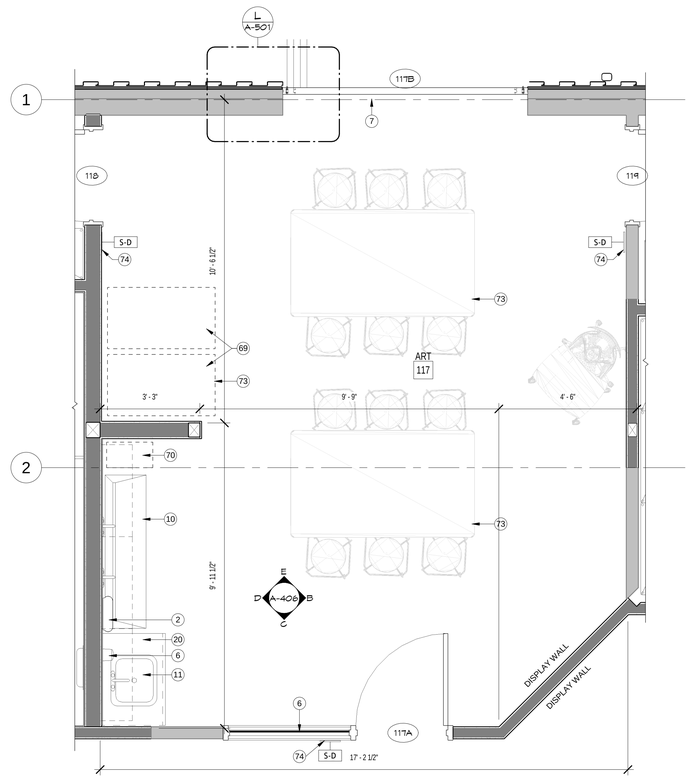
ART ROOM SOUTH — C

1/2" = 1'-0" A-406



ART ROOM EAST — B

1/2" = 1'-0" A-406



NORTH

ENLARGED FLOOR PLAN - ART ROOM — A

1/2" = 1'-0" A-406

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C-6978
REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	25190
ISSUE DATE:	2026-08-31
DRAWN BY:	LES

ISSUE RECORD:
SD PHASE 2026-02-06
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CD PHASE 2026-08-31

REVISIONS:

A-406

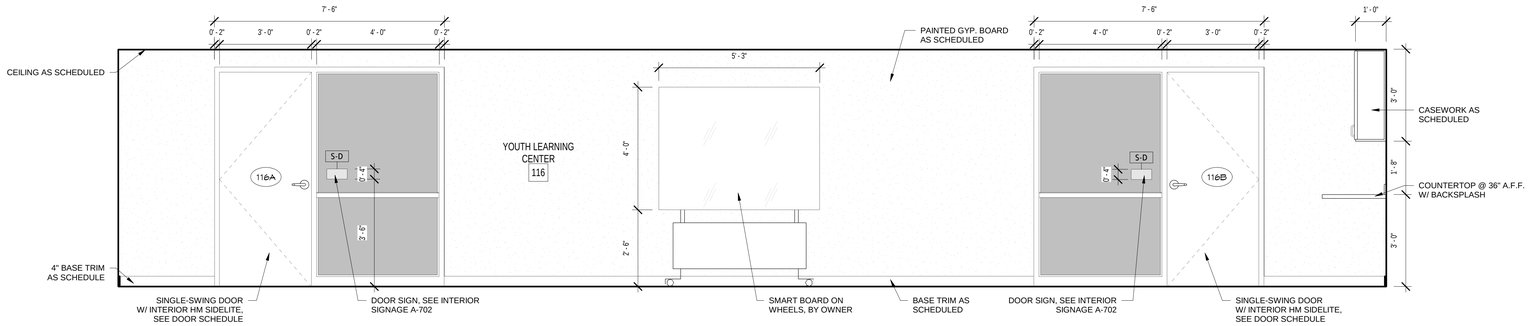
ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS

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0 2'

PRINT DATE: 9/1/2026 12:05:30 AM

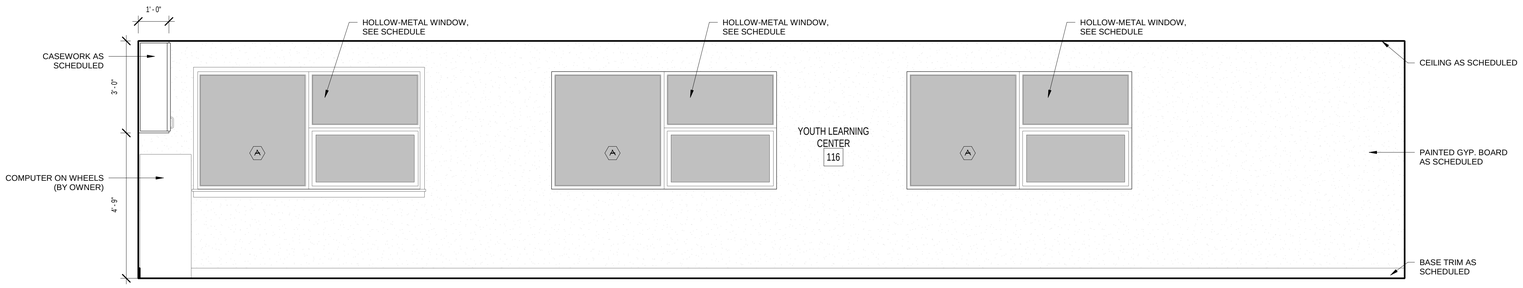
PROPOSED FLOOR PLAN KEYNOTES

4	FOLDING DOOR SYSTEM, SEE SCHEDULE
6	INTERIOR HOLLOW-METAL WINDOWS, 7' HEAD HEIGHT
58	SMART BOARD, BY OWNER + INSTALLED BY CONTRACTOR
59	COMPUTER ON WHEELS BY OWNER
60	COUNTERTOP @ 36" A.F.F., OPEN BELOW W/ CABINETS ABOVE
74	INTERIOR SIGNAGE, SEE A-702



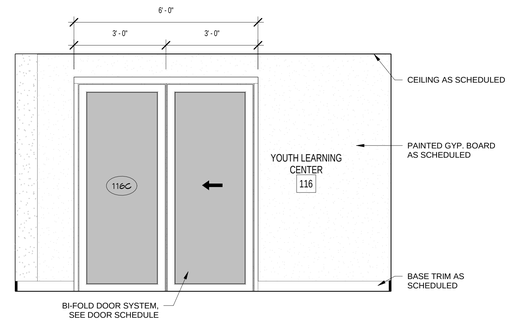
YOUTH LEARNING CENTER NORTH

1/2" = 1'-0" — E / A-407



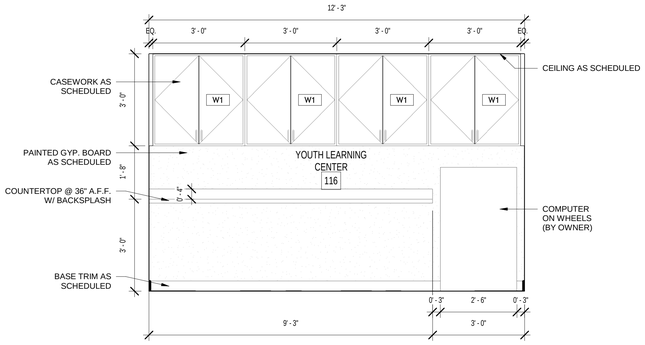
YOUTH LEARNING CENTER SOUTH

1/2" = 1'-0" — D / A-407



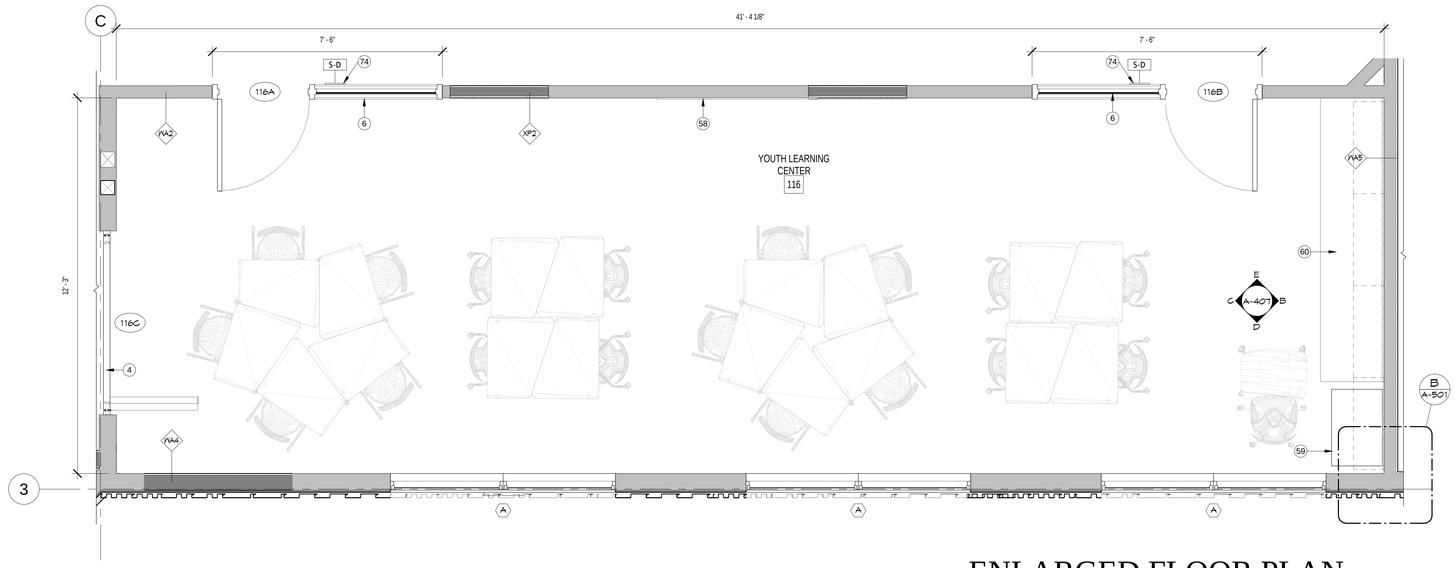
YOUTH LEARNING CENTER WEST

1/2" = 1'-0" — C / A-407



YOUTH LEARNING CENTER EAST

1/2" = 1'-0" — B / A-407



NORTH

ENLARGED FLOOR PLAN - YOUTH LEARNING CENTER

1/2" = 1'-0" — A / A-407

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

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IGNACIO, CO 81137

JOB. NO.:	25190
ISSUE DATE:	2026-08-31
DRAWN BY:	LES

ISSUE RECORD:
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CD PHASE 2026-08-31

REVISIONS:

A-407

ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS

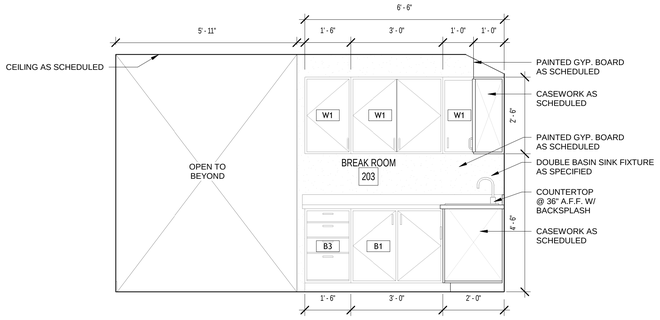
0 1' 2' 4'
0 2"

PROPOSED FLOOR PLAN KEYNOTES

11	DOUBLE BASIN SINK FIXTURE AS SPECIFIED, SEE PLUMBING
20	COUNTERTOP W/ BASE CABINETS AND UPPER CABINETS ABOVE
38	REFRIGERATOR AS SPECIFIED, SEE ELECTRICAL
74	INTERIOR SIGNAGE, SEE A-702

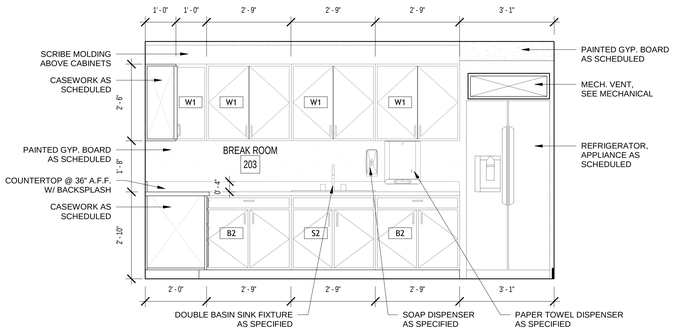
EQUIPMENT KEYNOTE LEGEND

3	TA-3, AUTOMATIC PAPER TOWEL DISPENSER, AS SPECIFIED
6	TA-6, AUTOMATIC SOAP DISPENSER, AS SPECIFIED



BREAK ROOM WEST E

1/2" = 1'-0" A-408

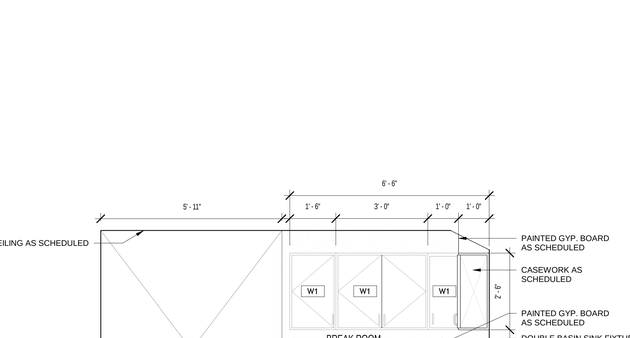


BREAK ROOM NORTH D

1/2" = 1'-0" A-408

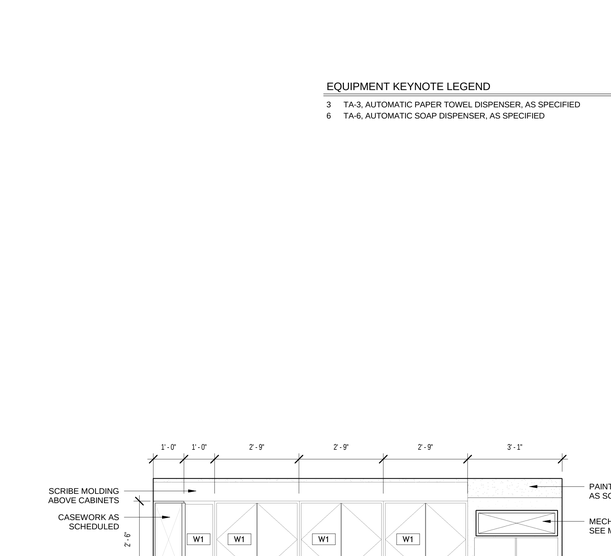
BREAK ROOM EAST C

1/2" = 1'-0" A-408



BREAK ROOM SOUTH B

1/2" = 1'-0" A-408



NORTH

ENLARGED PLAN - BREAK ROOM A

1/2" = 1'-0" A-408

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LOUIS RENCKEN
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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

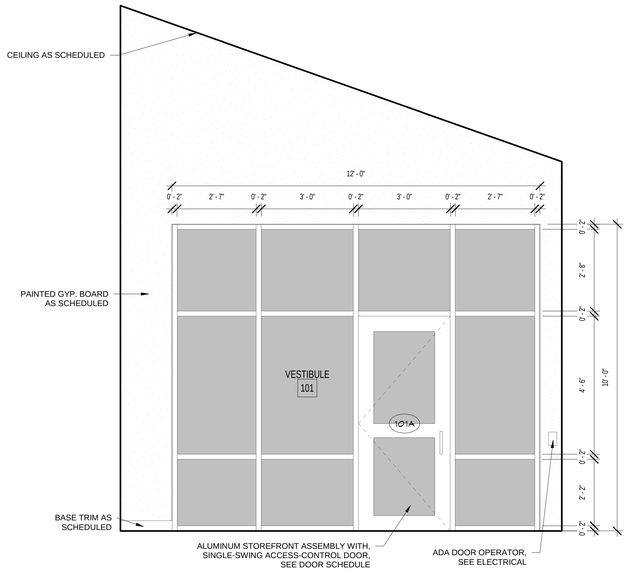
A-408

ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS

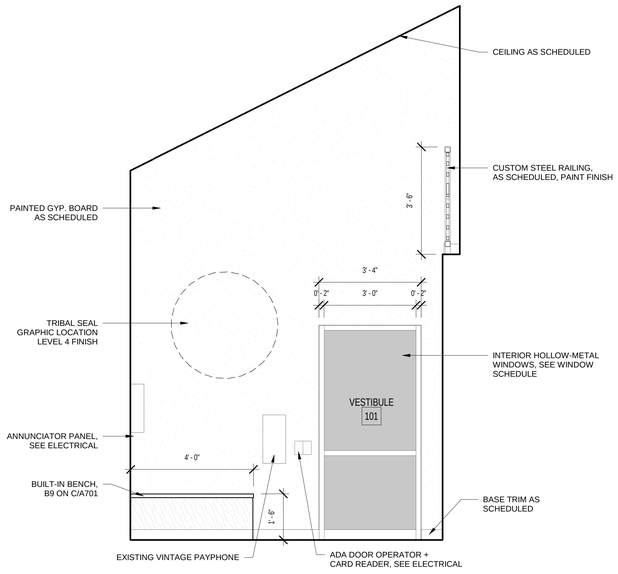
0 1' 2' 4'
0 2'

PROPOSED FLOOR PLAN KEYNOTES

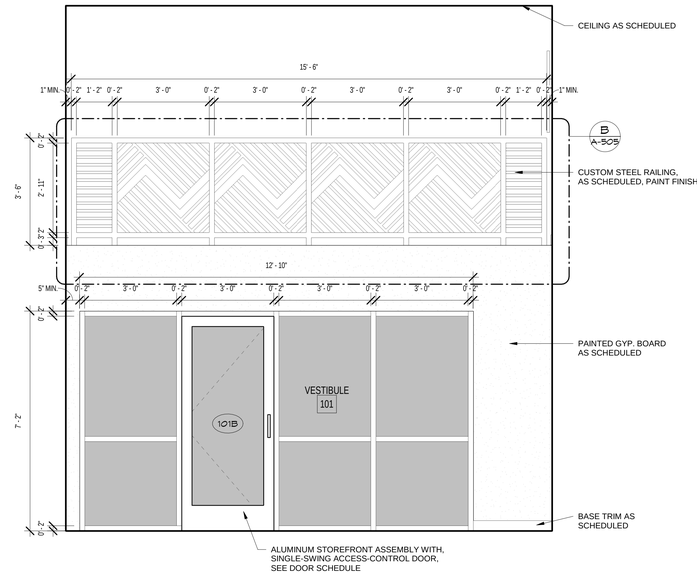
5	EXTERIOR STOREFRONT WINDOWS, SEE SCHEDULE
6	INTERIOR HOLLOW-METAL WINDOWS, 7' HEAD HEIGHT
8	ADA ACCESS ACTUATOR, SEE ELECTRICAL
28	RELOCATE EXISTING VINTAGE PAYPHONE
29	BENCH, C/A701
31	FIRE ALARM CONTROL PANEL (FACP), SEE ELECTRICAL
45	CARD READER, SEE MEP
55	ADA CLEARANCE, SEE CODE DETAILS



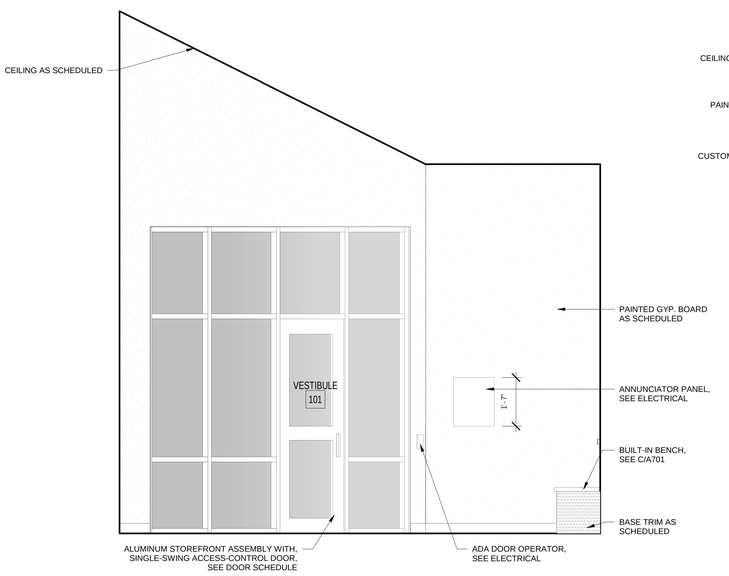
VESTIBULE SOUTHEAST F
1/2" = 1'-0" A-409



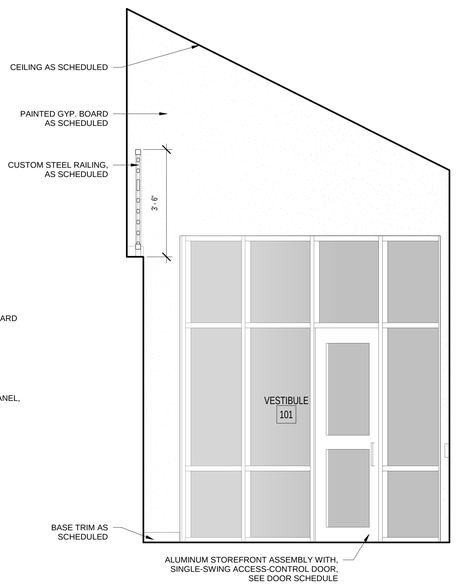
VESTIBULE WEST E
1/2" = 1'-0" A-409



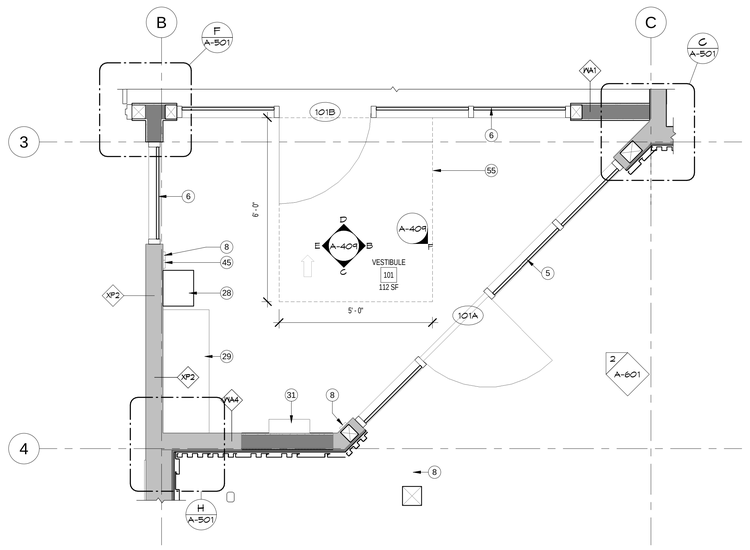
VESTIBULE NORTH D
1/2" = 1'-0" A-409



VESTIBULE SOUTH C
1/2" = 1'-0" A-409



VESTIBULE EAST B
1/2" = 1'-0" A-409



NORTH

ENLARGED PLAN - VESTIBULE A
1/2" = 1'-0" A-409

REYNOLDS ASH + ASSOCIATES
ARCHITECTURE ENGINEERING

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STATE OF COLORADO
ALOYSIUS LES REYNOLDS
REGISTERED ARCHITECT

9/1/2026 12:09:39 AM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

PRINT DATE: 9/1/2026 12:09:39 AM

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REVISIONS:

A-409
ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS

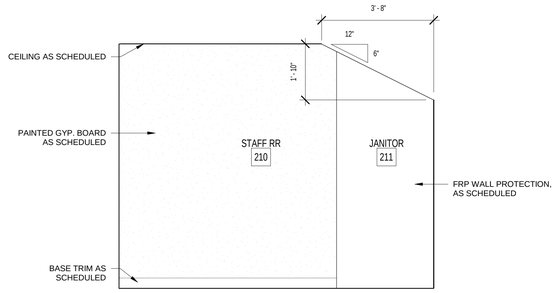
0 1' 2' 4'
0 2'

PROPOSED FLOOR PLAN KEYNOTES

12	MOP SINK, SEE MEP
55	ADA CLEARANCE, SEE CODE DETAILS
63	WALL MOUNTED SINK FIXTURE, SEE MEP

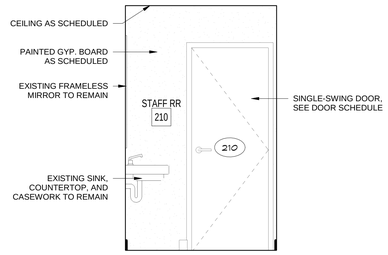
EQUIPMENT KEYNOTE LEGEND

1	TA-1, DOUBLE-ROLL TOILET PAPER DISPENSER
2	TA-2, PAPER TOWEL DISPENSER
6	TA-6, AUTOMATIC SOAP DISPENSER, AS SPECIFIED
9	TA-9, GRAB BARS



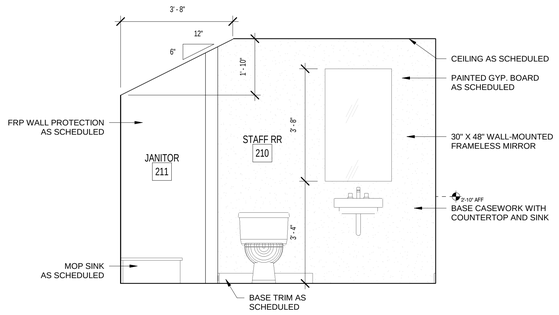
STAFF RESTROOM WEST — J / A-410

1/2" = 1'-0"



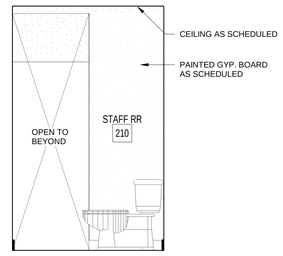
STAFF RESTROOM SOUTH — H / A-410

1/2" = 1'-0"



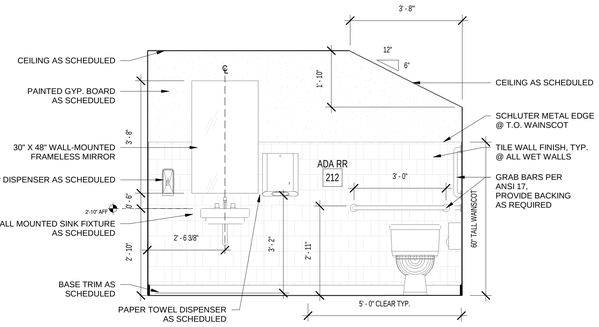
STAFF RESTROOM EAST — G / A-410

1/2" = 1'-0"



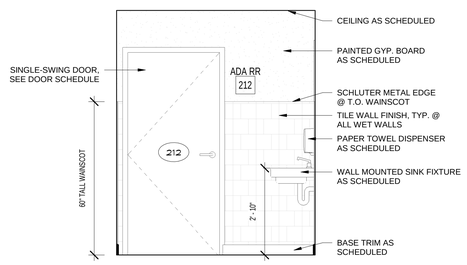
STAFF RESTROOM NORTH — F / A-410

1/2" = 1'-0"



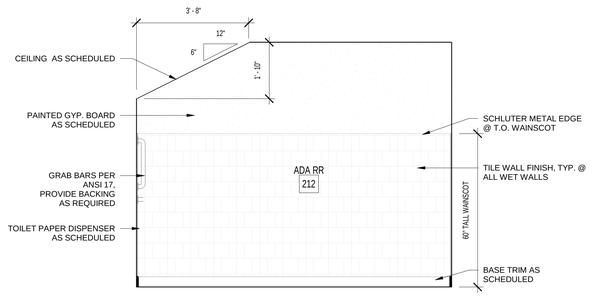
ADA RESTROOM WEST — E / A-410

1/2" = 1'-0"



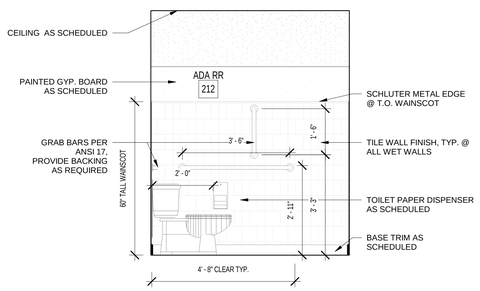
ADA RESTROOM SOUTH — D / A-410

1/2" = 1'-0"



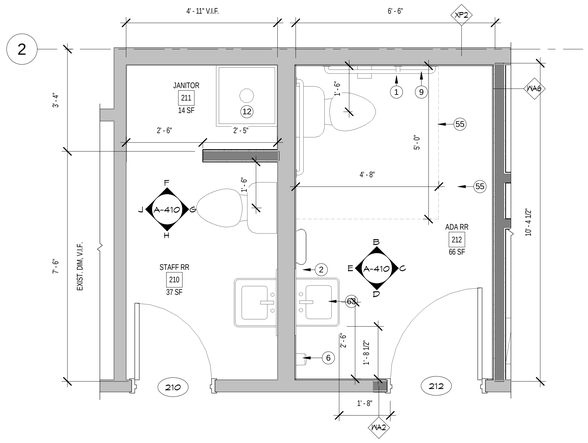
ADA RESTROOM EAST — C / A-410

1/2" = 1'-0"



ADA RESTROOM NORTH — B / A-410

1/2" = 1'-0"



ENLARGED PLAN - ADA RESTROOM — A / A-410

1/2" = 1'-0"

NORTH

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STATE OF COLORADO — LOUIS BENJAMIN REYNOLDS — C-39,710 — REGISTERED ARCHITECT

9/1/2026 12:10:17 AM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

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DRAWN BY:	LES

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SD PHASE 2026-02-06
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CD PHASE 2026-08-31

REVISIONS:

A-410

ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS

0 1' 2' 4'
0 2"

PRINT DATE: 9/1/2026 12:10:17 AM

PROPOSED FLOOR PLAN KEYNOTES

6	INTERIOR HOLLOW-METAL WINDOWS, 7' HEAD HEIGHT
64	SINGLE BASIN SINK FIXTURE, SEE MEP
65	COUNTERTOP @ 36" A.F.F. W/ BASE CABINETS
73	FFE, BY OWNER
74	INTERIOR SIGNAGE, SEE A-702

EQUIPMENT KEYNOTE LEGEND

3	TA-3, AUTOMATIC PAPER TOWEL DISPENSER, AS SPECIFIED

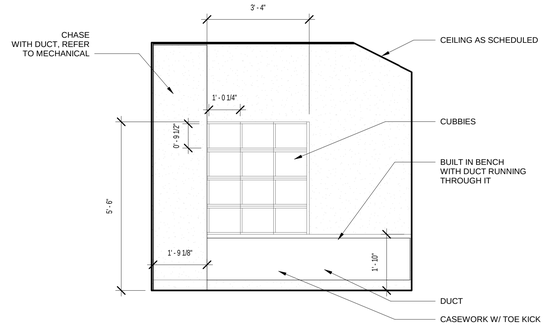
INTERIOR FINISH GENERAL NOTES

A. ALL COUNTER SUPPORTS SHALL BE PAINTED TO MATCH ADJACENT WALL SURFACE.

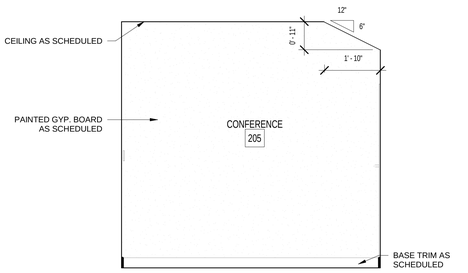
B. CONTRACTOR TO VERIFY IN FIELD ALL DIMENSIONS FOR FINISHES, CASEWORK, ETC. PRIOR TO ORDERING MATERIAL

C. ALL TELEVISIONS, SMART BOARDS, COMPUTERS, MUSIC EQUIPMENT, TO BE PROVIDED BY OWNER

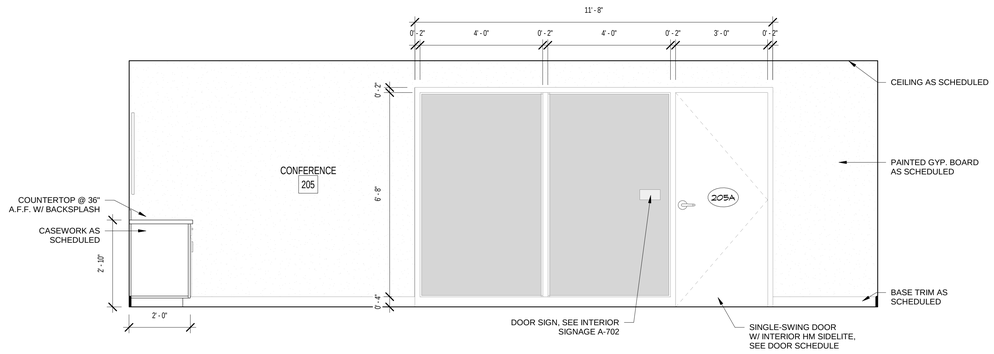
D. ALL WALL HOOKS, DISPLAY TRACKS, CASEWORK AS SHOWN IS CONTRACTOR PROVIDED AND CONTRACTOR INSTALLED.



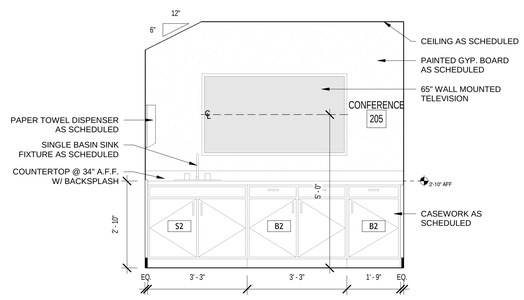
STORAGE ROOM WEST F
1/2" = 1'-0" A-411



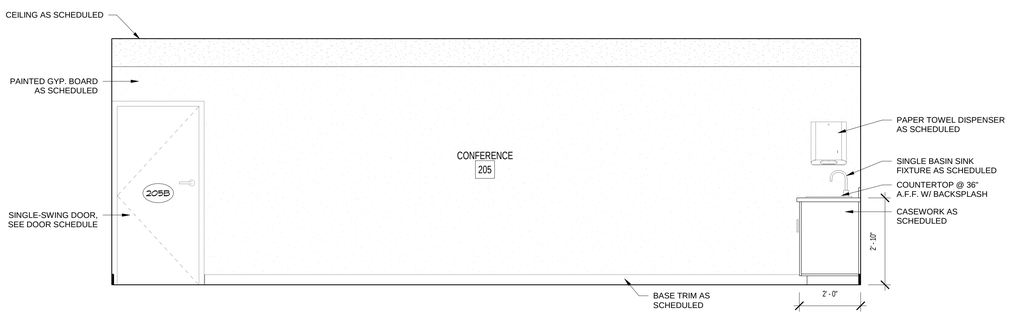
CONFERENCE ROOM WEST E
1/2" = 1'-0" A-411



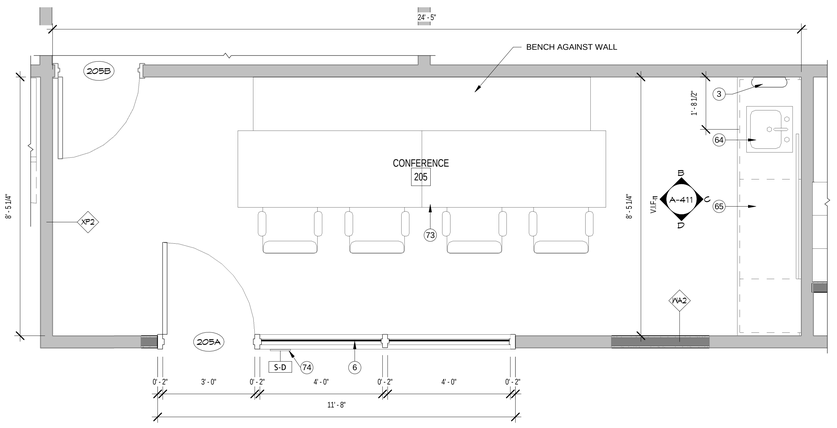
CONFERENCE ROOM SOUTH D
1/2" = 1'-0" A-411



CONFERENCE ROOM EAST C
1/2" = 1'-0" A-411



CONFERENCE ROOM NORTH B
1/2" = 1'-0" A-411



ENLARGED PLAN - CONFERENCE ROOM A
1/2" = 1'-0" A-411

NORTH

REYNOLDS ASH + ASSOCIATES
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STATE OF COLORADO
ALOYSIUS RENDON
C-36784
REGISTERED ARCHITECT

9/1/2026 12:10:50 AM

PROJECT TEAM:

PEAK land design

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ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
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REVISIONS:

A-411

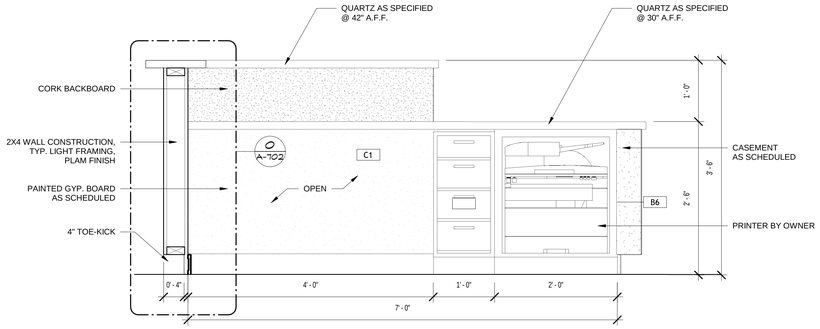
ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS

0 2.5' 5' 10'
0 2"

PRINT DATE: 9/1/2026 12:10:50 AM

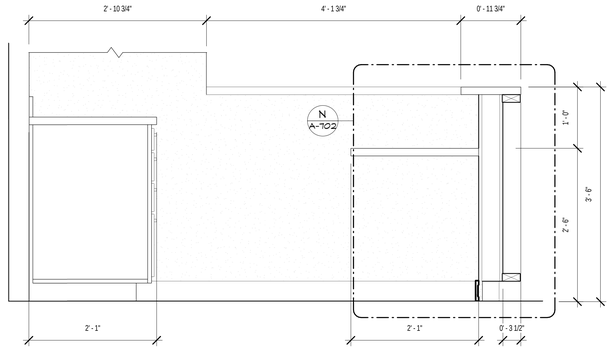
PROPOSED FLOOR PLAN KEYNOTES

65 COUNTERTOP @ 36" A.F.F. W/ BASE CABINETS
68 BUILT-IN CASEWORK/STORAGE, SEE CASEWORK SHEET
73 FFE, BY OWNER



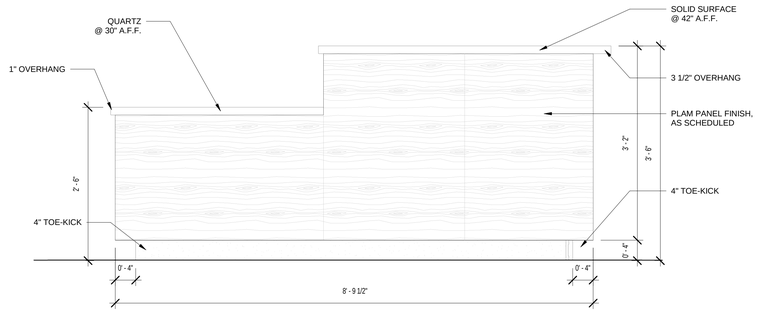
RECEPTION DESK - EAST

1" = 1'-0" E A-412



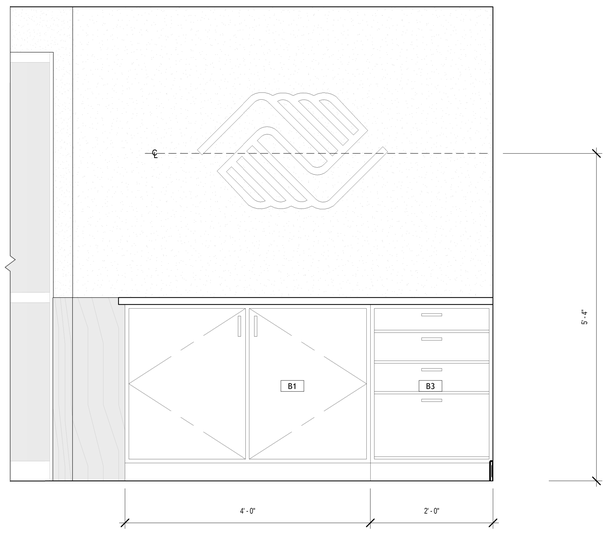
RECEPTION DESK - NORTH

1" = 1'-0" D A-412



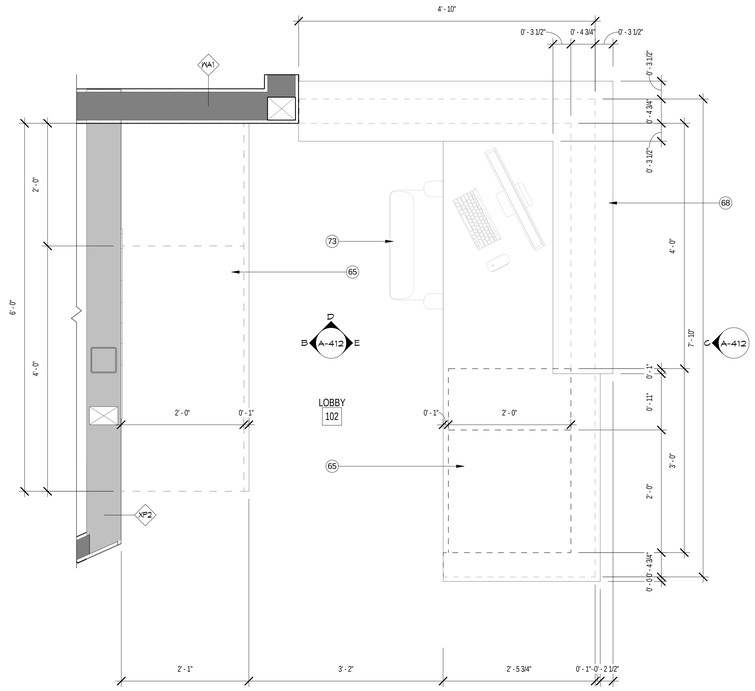
RECEPTION DESK - WEST

1" = 1'-0" C A-412



RECEPTION DESK - WEST CASEMENT

1" = 1'-0" B A-412



ENLARGED PLAN - RECEPTION DESK

1" = 1'-0" A A-412

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STATE OF COLORADO
ALOYSIUS REYNOLDS
C-6911
REGISTERED ARCHITECT

9/1/2026 12:11:24 AM

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ME&E ENGINEERING

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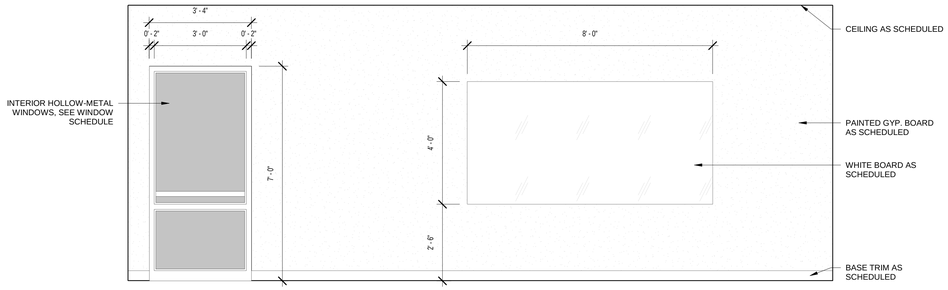
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REVISIONS:

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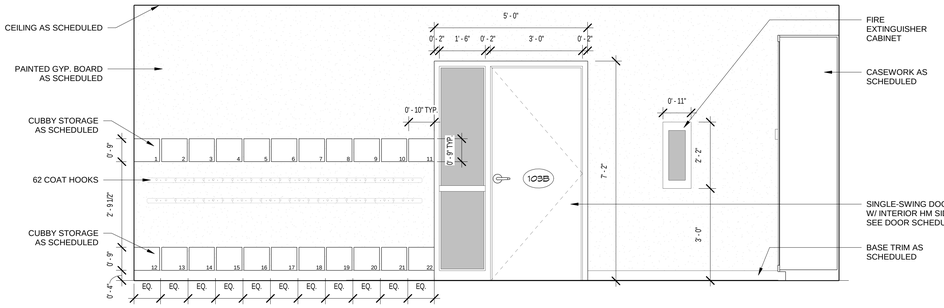
0 3" 6" 1'
0 2'



YOUTH GAMEROOM EAST

E A-413

1/2" = 1'-0"



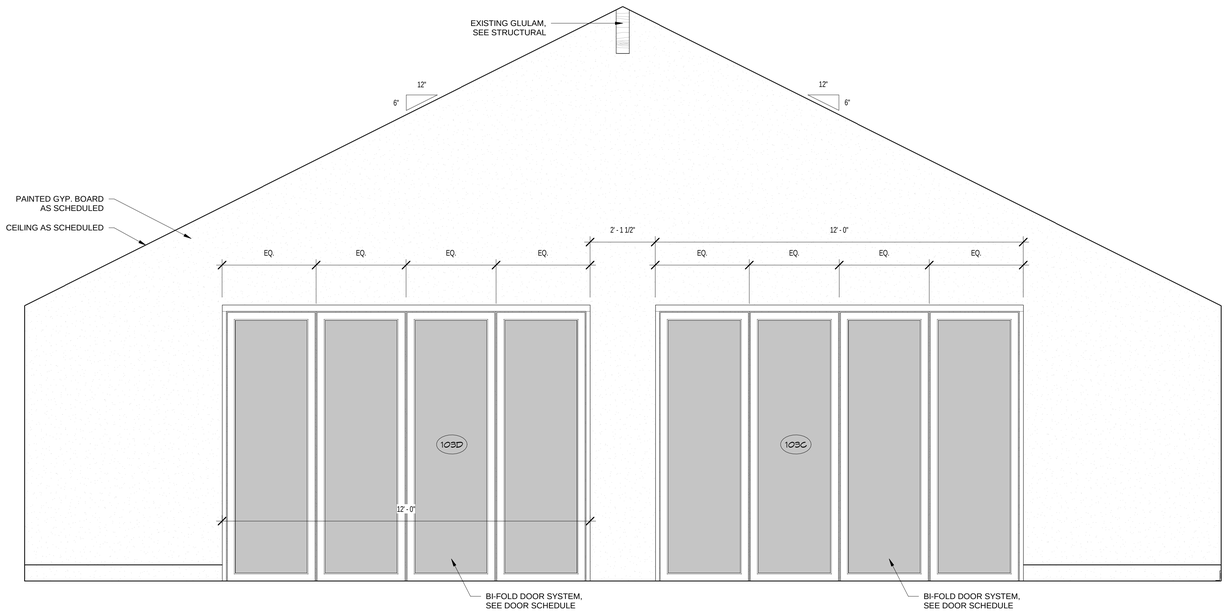
YOUTH GAMEROOM WEST

D A-413

1/2" = 1'-0"

PROPOSED FLOOR PLAN KEYNOTES

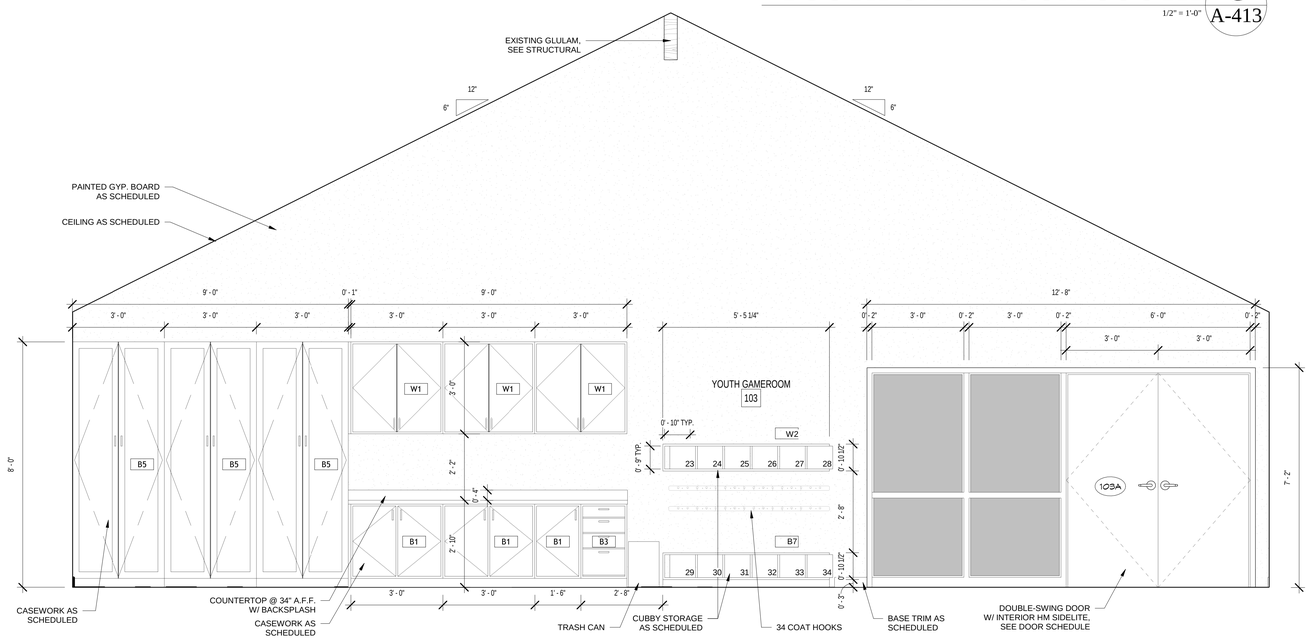
5	EXTERIOR STOREFRONT WINDOWS, SEE SCHEDULE
6	INTERIOR HOLLOW-METAL WINDOWS, 7' HEAD HEIGHT
7	FOLDING DOOR SYSTEM - 9' HEAD HEIGHT
20	COUNTERTOP W/ BASE CABINETS AND UPPER CABINETS ABOVE
27	BUILT-IN TALL CABINET(S), SEE CASEWORK SHEET
33	FIRE EXTINGUISHER CABINET (FEC)
42	GAS METER, SEE MEP
62	WHITE BOARD AS SCHEDULED
68	BUILT-IN CASEWORK/STORAGE, SEE CASEWORK SHEET
73	FFE, BY OWNER
77	GAS PIPING IN CASEWORK
78	FLOOR BOX, REFER TO ELEC



YOUTH GAMEROOM SOUTH

C A-413

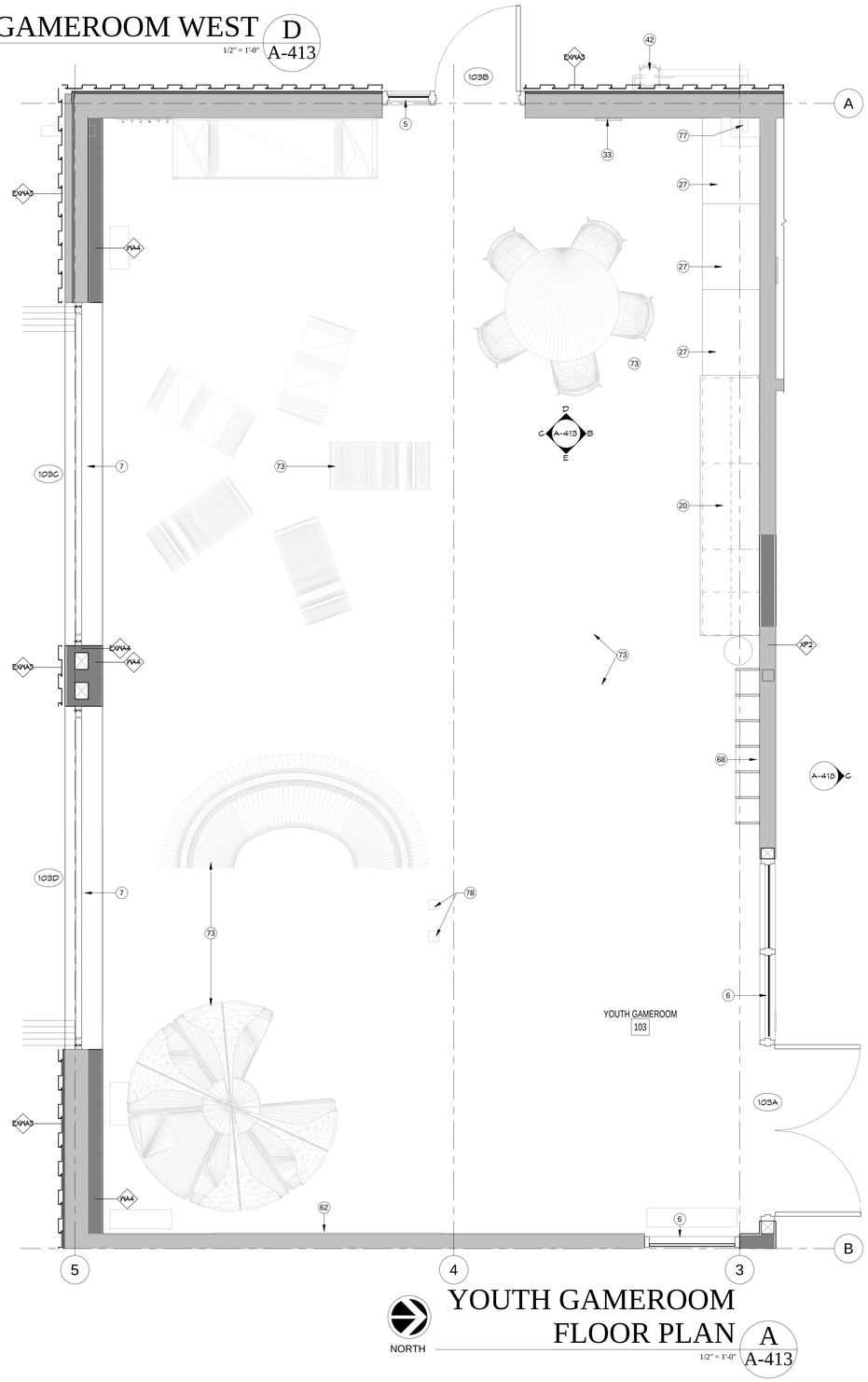
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YOUTH GAMEROOM NORTH

B A-413

1/2" = 1'-0"



NORTH

YOUTH GAMEROOM FLOOR PLAN

A A-413

1/2" = 1'-0"

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LOUIS REYNOLDS
C-5891
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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

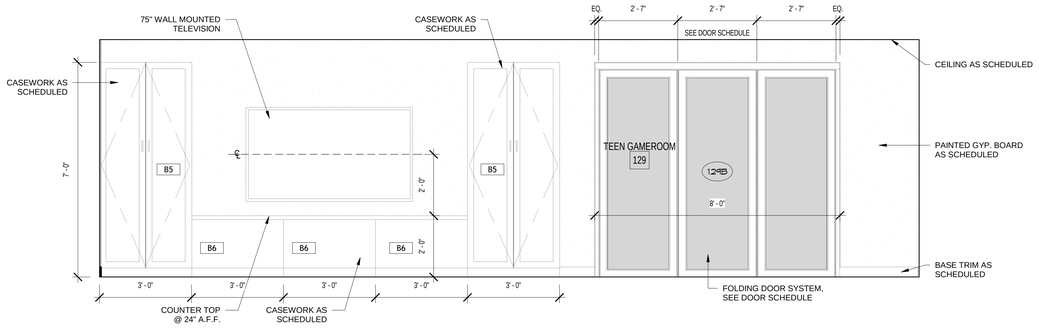
ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-413

ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS

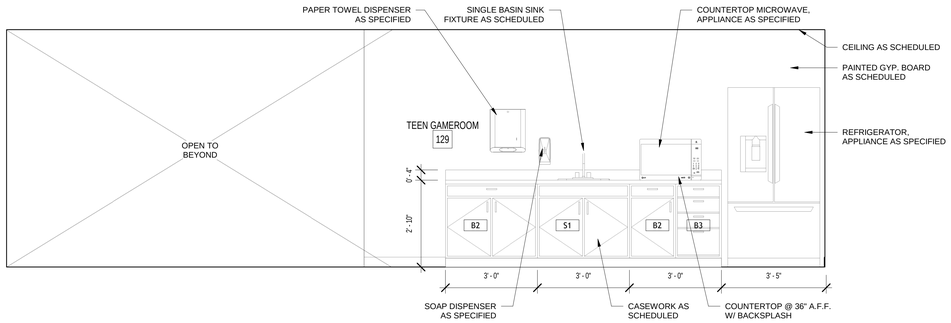
0 1' 2' 4'
0 2"



TEEN GAMEROOM NORTH

1/2" = 1'-0"

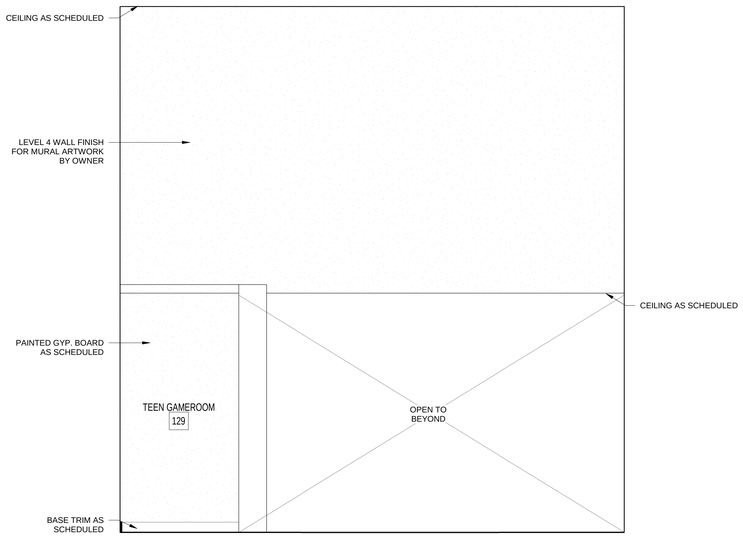
E A-414



TEEN GAMEROOM SOUTH

1/2" = 1'-0"

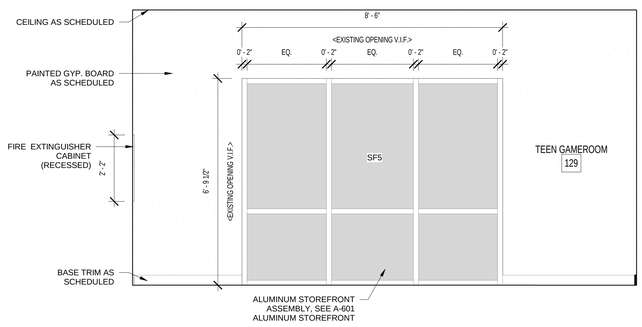
D A-414



TEEN GAMEROOM NORTH

1/2" = 1'-0"

C A-414



TEEN GAMEROOM SOUTH

1/2" = 1'-0"

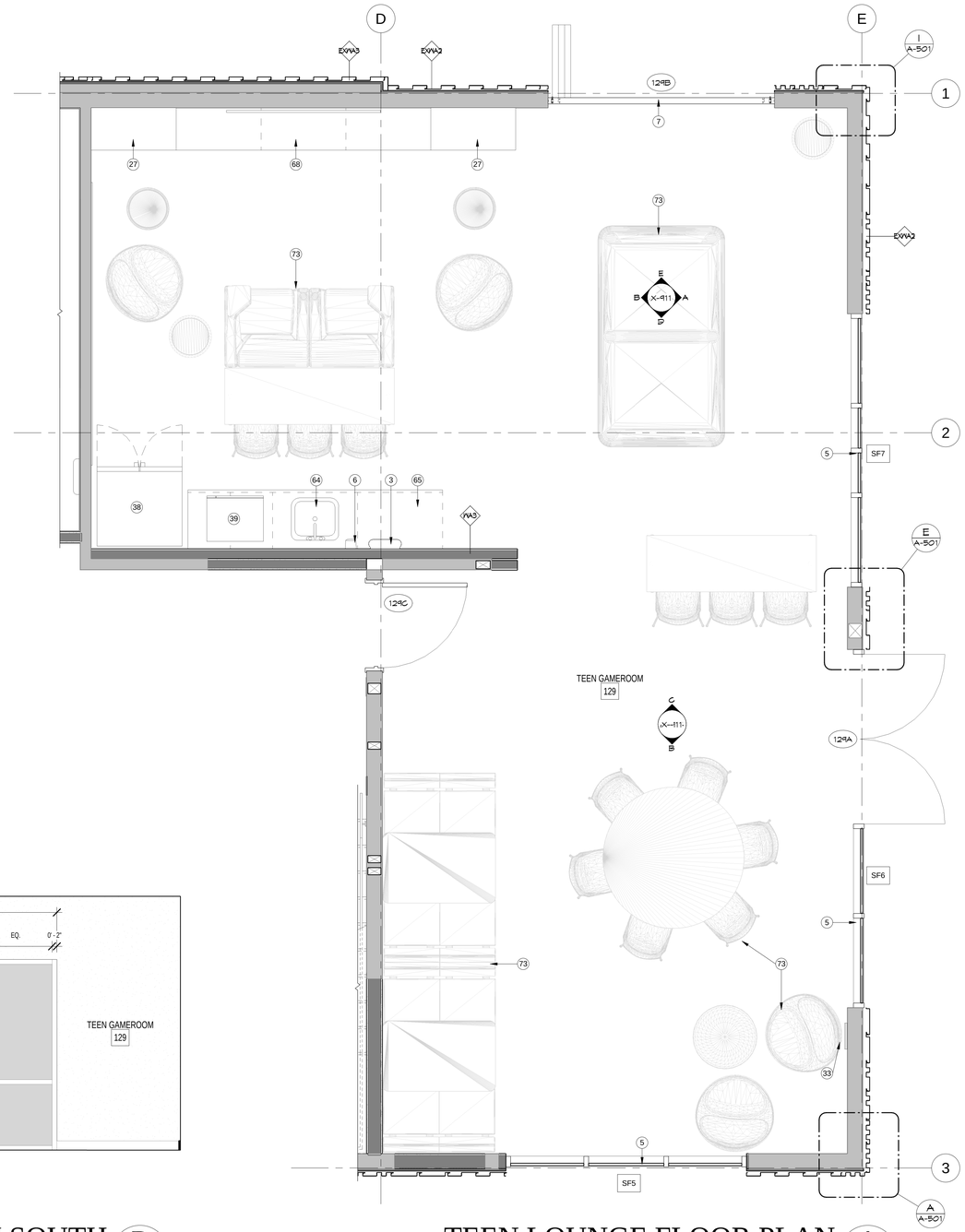
B A-414

PROPOSED FLOOR PLAN KEYNOTES

5	EXTERIOR STOREFRONT WINDOWS, SEE SCHEDULE
7	FOLDING DOOR SYSTEM - 9' HEAD HEIGHT
27	BUILT-IN TALL CABINET(S), SEE CASEWORK SHEET
33	FIRE EXTINGUISHER CABINET (FEC)
38	REFRIGERATOR AS SPECIFIED, SEE ELECTRICAL
39	COUNTERTOP MICROWAVE (FFE PACKAGE)
64	SINGLE BASIN SINK FIXTURE, SEE MEP
65	COUNTERTOP @ 36" A.F.F. W/ BASE CABINETS
68	BUILT-IN CASEWORK/STORAGE, SEE CASEWORK SHEET
73	FFE, BY OWNER

EQUIPMENT KEYNOTE LEGEND

3	TA-3, AUTOMATIC PAPER TOWEL DISPENSER, AS SPECIFIED
6	TA-6, AUTOMATIC SOAP DISPENSER, AS SPECIFIED



TEEN LOUNGE FLOOR PLAN

1/2" = 1'-0"

A A-414

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CHC Engineers, LLC

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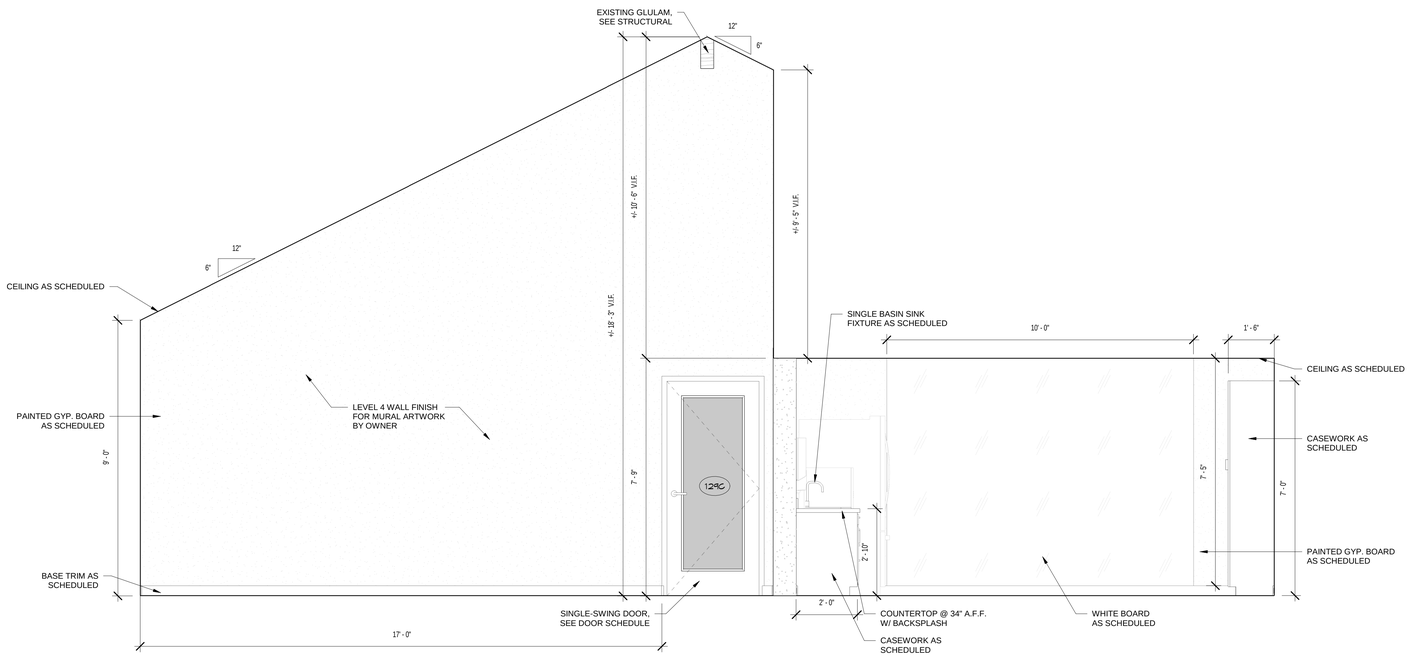
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REVISIONS:

A-414

ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS

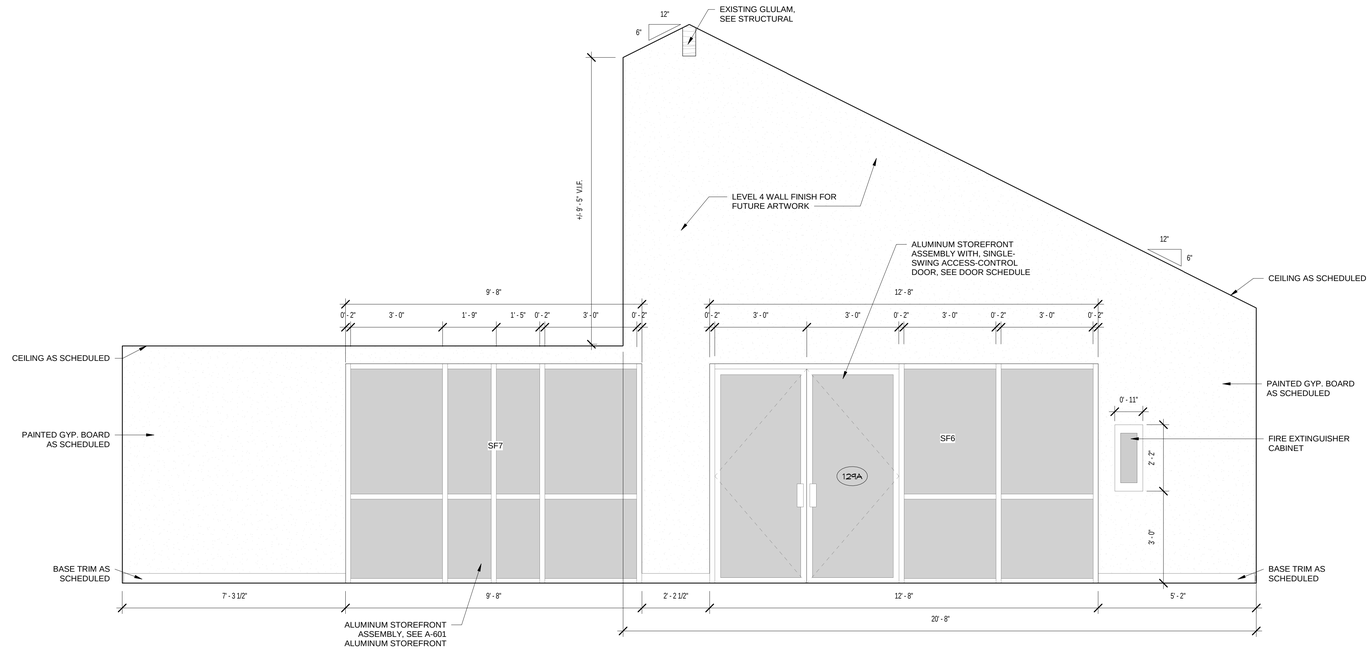
0 1' 2' 4'
0 2"



TEEN GAMEROOM WEST

1/2" = 1'-0"

B
A-415



TEEN GAMEROOM EAST

1/2" = 1'-0"

A
A-415

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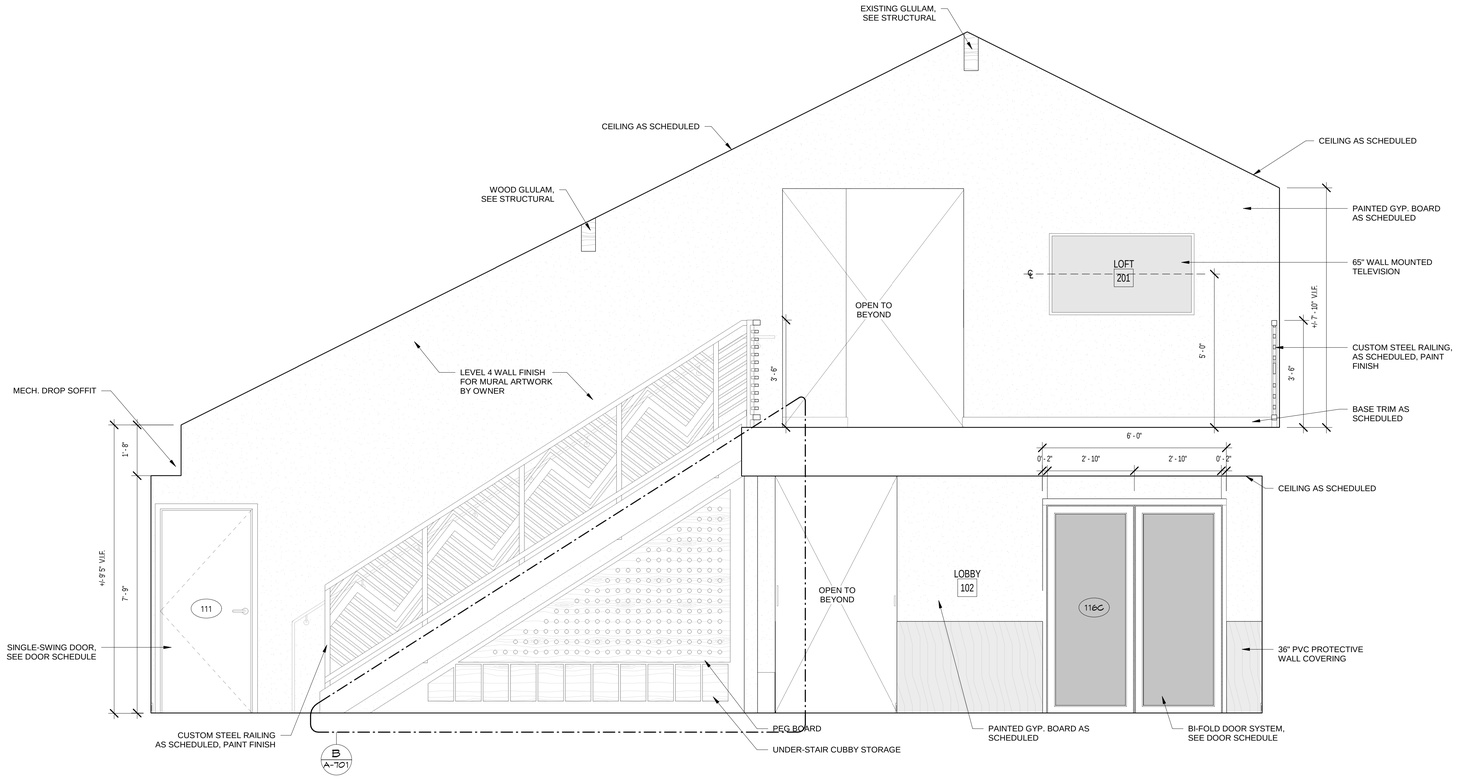
A-415

INTERIOR ELEVATIONS TEEN ROOM

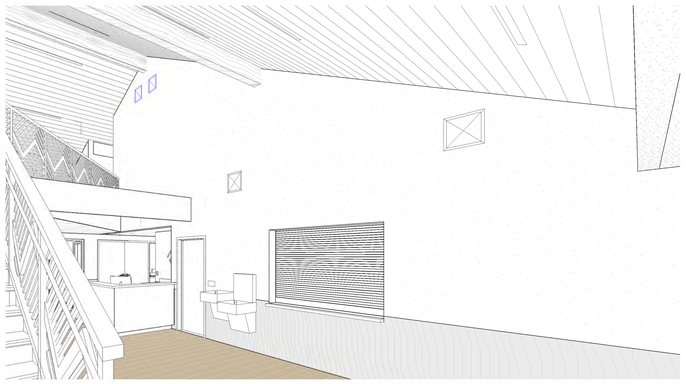
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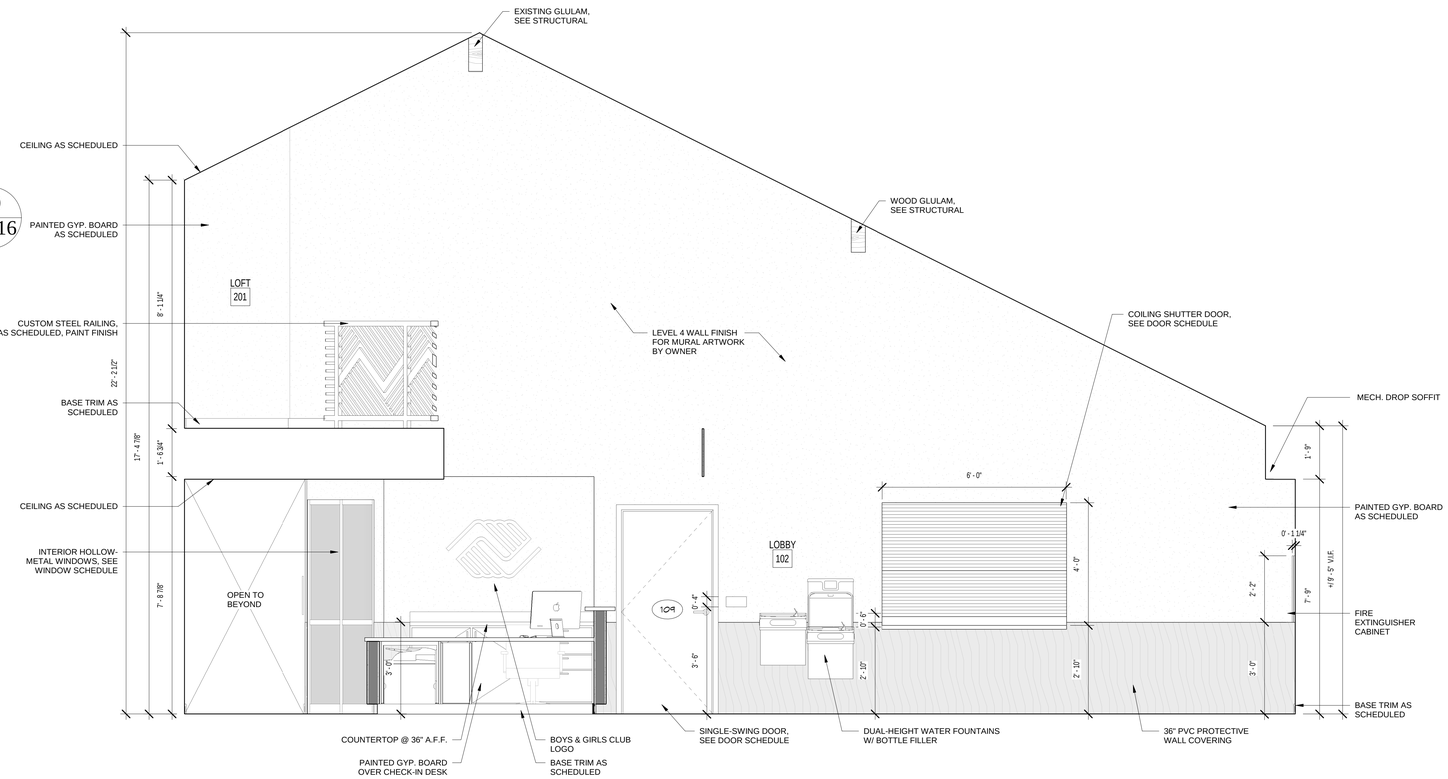
LOBBY EAST 3D D A-416



LOBBY EAST B A-416
1/2" = 1'-0"



LOBBY WEST 3D C A-416



LOBBY WEST A A-416
1/2" = 1'-0"

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THE BOYS AND GIRLS CLUB
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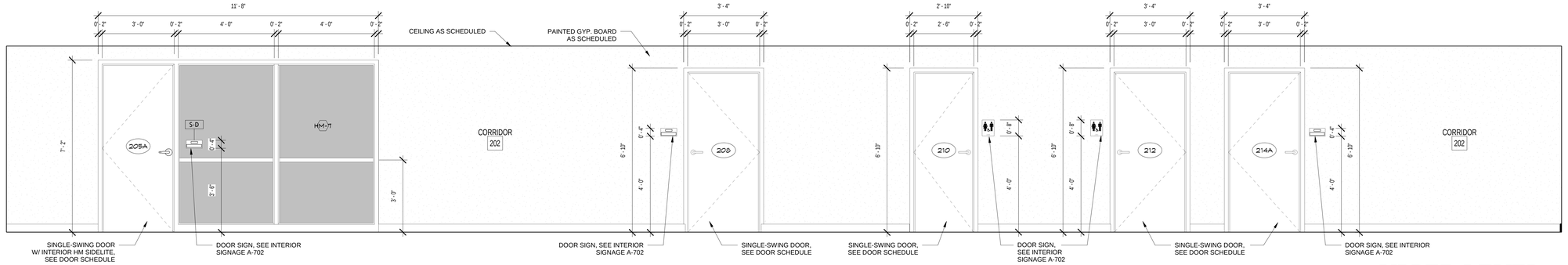
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REVISIONS:

A-416
INTERIOR ELEVATIONS-MAIN LOBBY

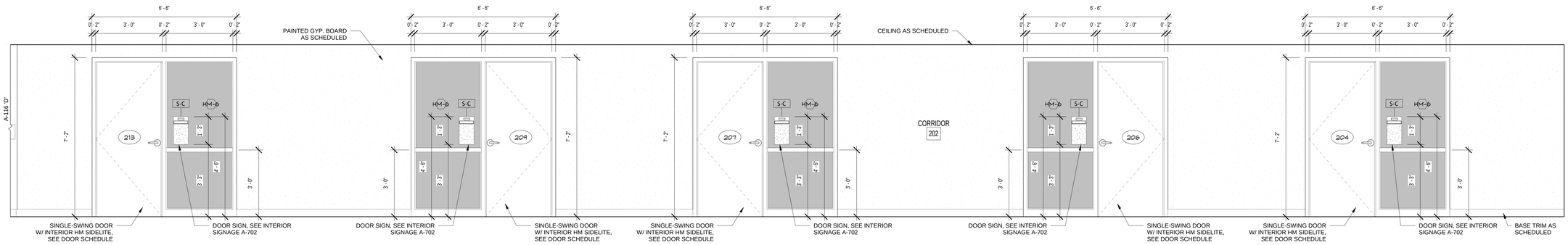
0 1' 2' 4'
0 2"



UPPER LEVEL HALLWAY NORTH

K / A-417

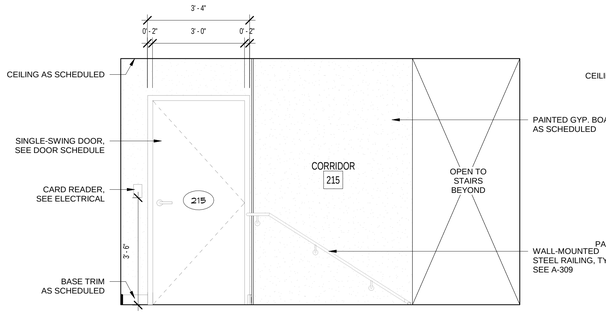
1/2" = 1'-0"



UPPER LEVEL HALLWAY SOUTH

J / A-417

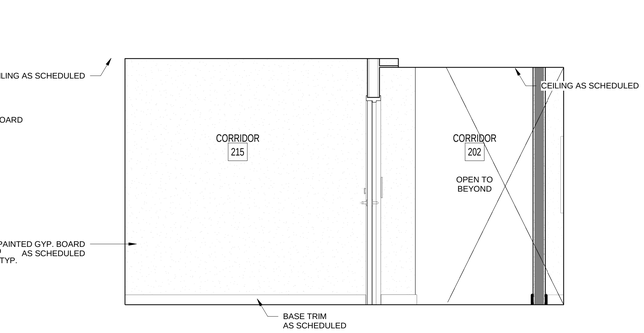
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UPPER LEVEL HALLWAY NORTH @ LIFT

H / A-417

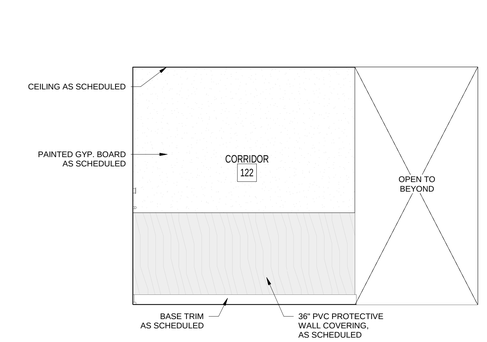
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UPPER LEVEL HALLWAY WEST @ LIFT

G / A-417

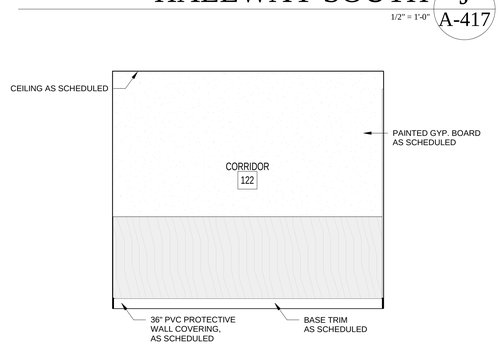
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MAIN LEVEL HALLWAY WEST @ LIFT

F / A-417

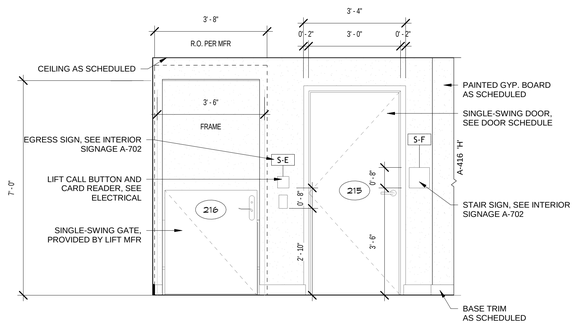
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MAIN LEVEL HALLWAY NORTH @ LIFT

E / A-417

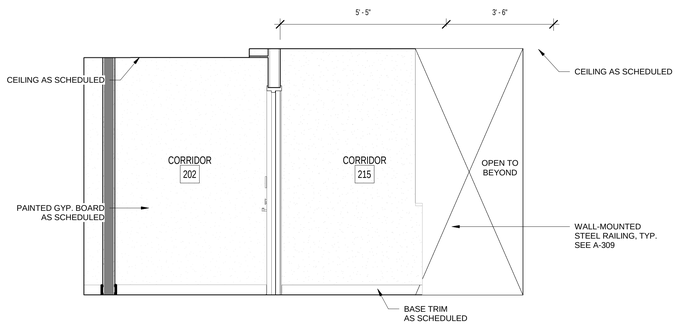
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UPPER LEVEL HALLWAY SOUTH @ LIFT

D / A-417

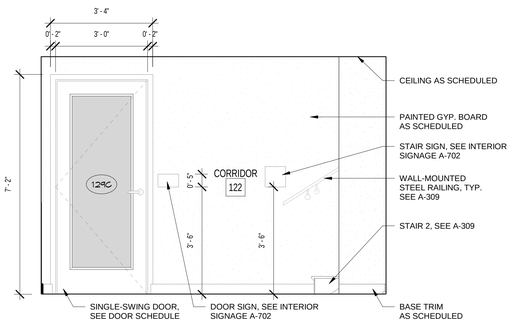
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UPPER LEVEL HALLWAY EAST @ LIFT

C / A-417

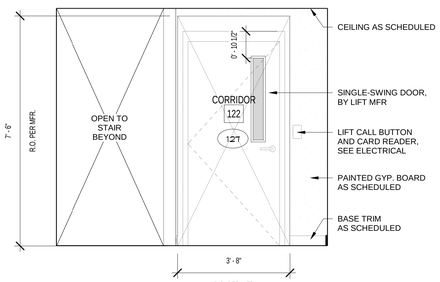
1/2" = 1'-0"



MAIN LEVEL HALLWAY EAST @ LIFT

B / A-417

1/2" = 1'-0"



MAIN LEVEL HALLWAY SOUTH @ LIFT

A / A-417

1/2" = 1'-0"

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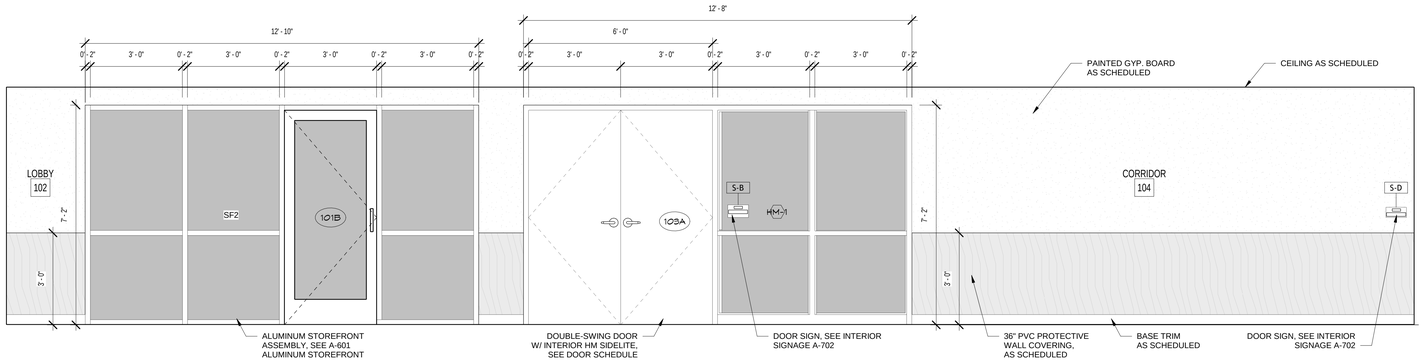
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REVISIONS:

A-417

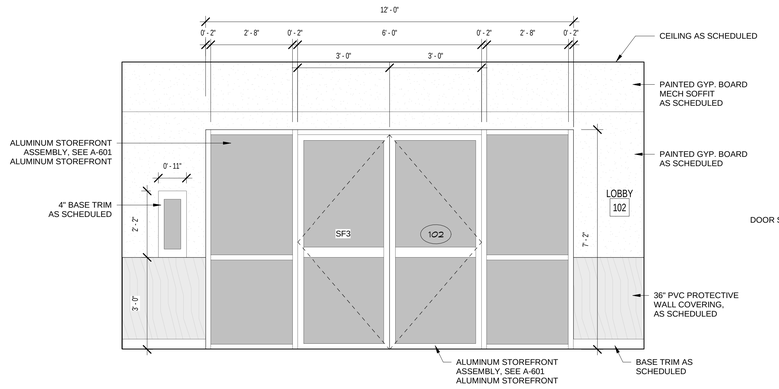
INTERIOR ELEVATIONS-CORRIDORS

0 1' 2' 4'
0 2'



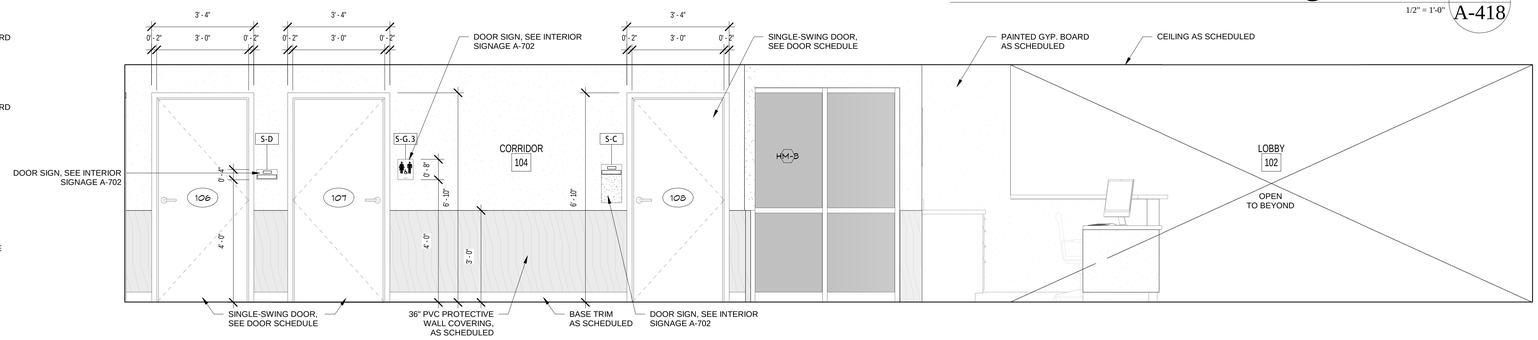
MAIN LEVEL HALLWAY SOUTH @ LOBBY

1/2" = 1'-0" — E / A-418



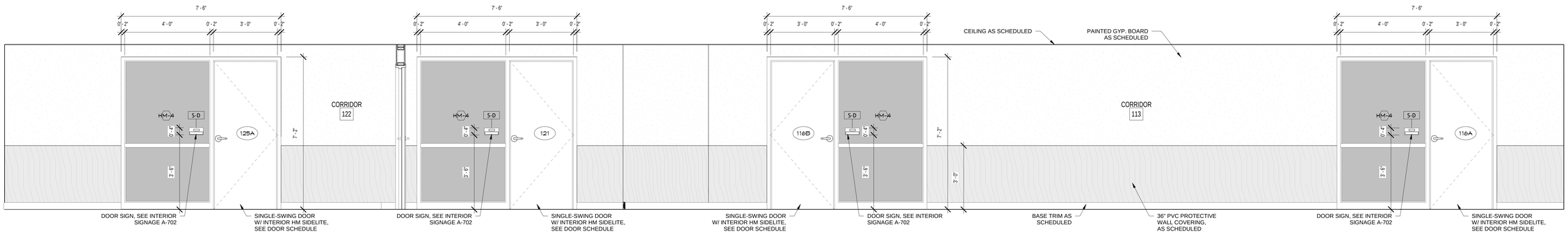
MAIN LEVEL NORTH @ LOBBY - ENTRY

1/2" = 1'-0" — D / A-418



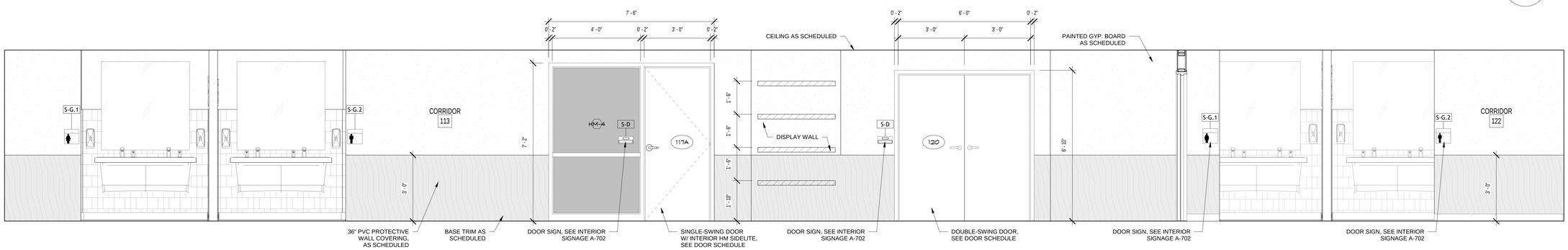
MAIN LEVEL HALLWAY NORTH @ LOBBY

1/2" = 1'-0" — C / A-418



MAIN LEVEL HALLWAY SOUTH

1/2" = 1'-0" — B / A-418



MAIN LEVEL HALLWAY NORTH

1/2" = 1'-0" — A / A-418

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ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

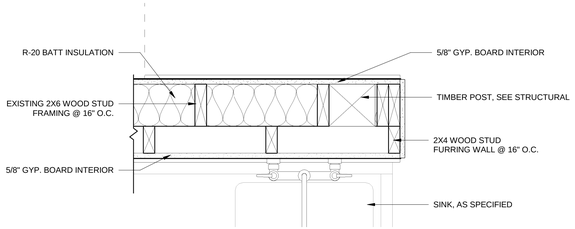
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DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-418

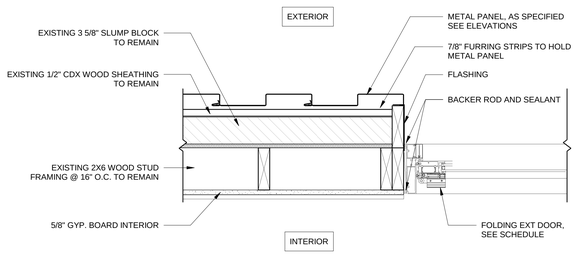
INTERIOR ELEVATIONS-CORRIDORS

0 1' 2' 4'
0 2"



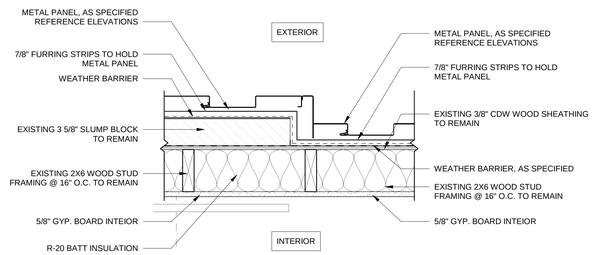
FURRING WALL AT KITCHEN P

1 1/2" = 1'-0" A-501



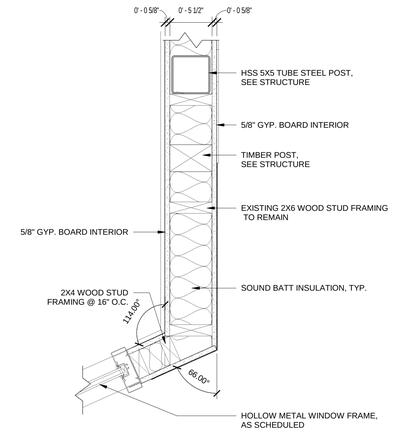
EXT WALL AT BIFOLD DOOR L

1 1/2" = 1'-0" A-501



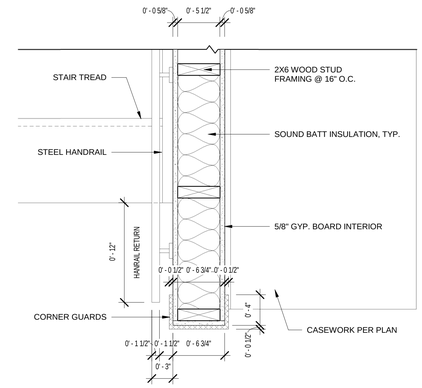
EXT MATERIAL TRANSITION K

1 1/2" = 1'-0" A-501



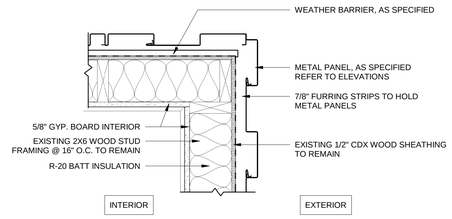
INTERIOR PARTITION J

1 1/2" = 1'-0" A-501



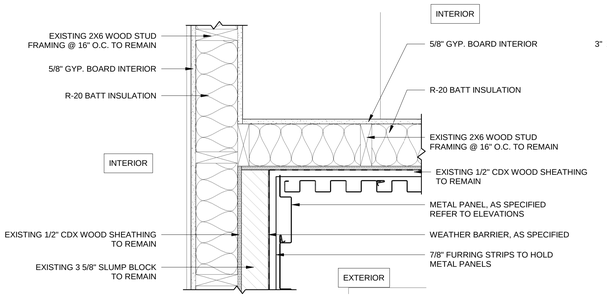
LEVEL 2 TOP OF STAIR M

1 1/2" = 1'-0" A-501



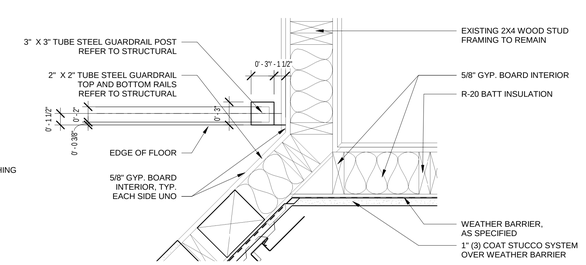
EXT OUTSIDE CORNER I

1 1/2" = 1'-0" A-501



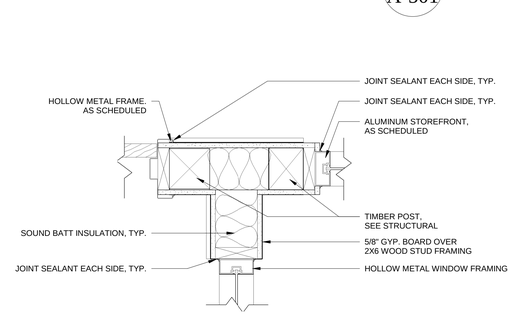
EXT WALL INSIDE CORNER H

1 1/2" = 1'-0" A-501



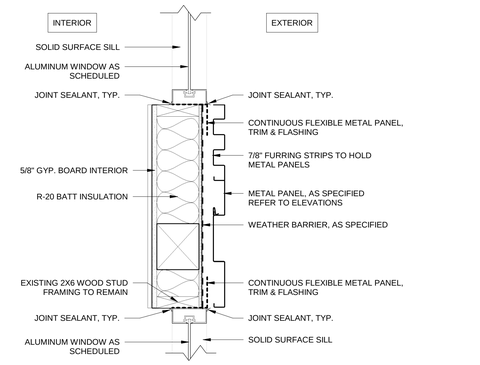
RAILING TERMINATION G

1 1/2" = 1'-0" A-501



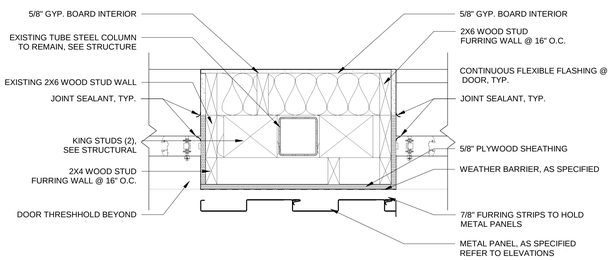
ENTRY VESTIBULE F

1 1/2" = 1'-0" A-501



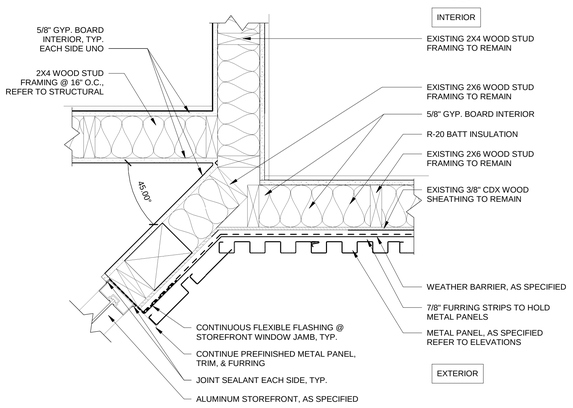
EXT TEEN ROOM EAST E

1 1/2" = 1'-0" A-501



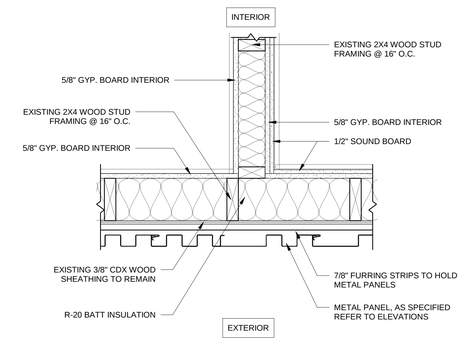
EXT WALL AT BIFOLD DOOR D

1 1/2" = 1'-0" A-501



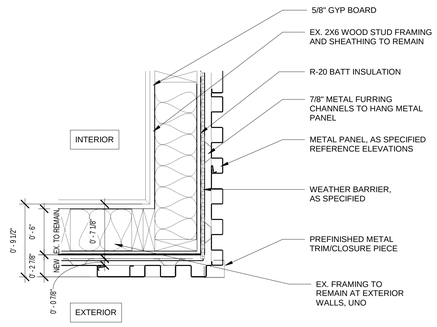
EXT WALL AT ENTRY C

1 1/2" = 1'-0" A-501



EXT METAL PANEL B

1 1/2" = 1'-0" A-501



EXT OUTSIDE CORNER A

1 1/2" = 1'-0" A-501

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STATE OF COLORADO · ROBERT LOUIS REYNOLDS · 37384 · REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

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OF THE SOUTHERN UTE INDIAN TRIBE

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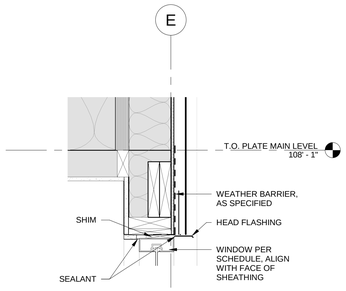
JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

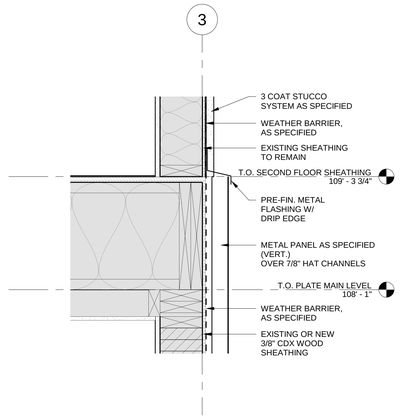
A-501
PLAN DETAILS

0 3" 6" 1'
0 2"



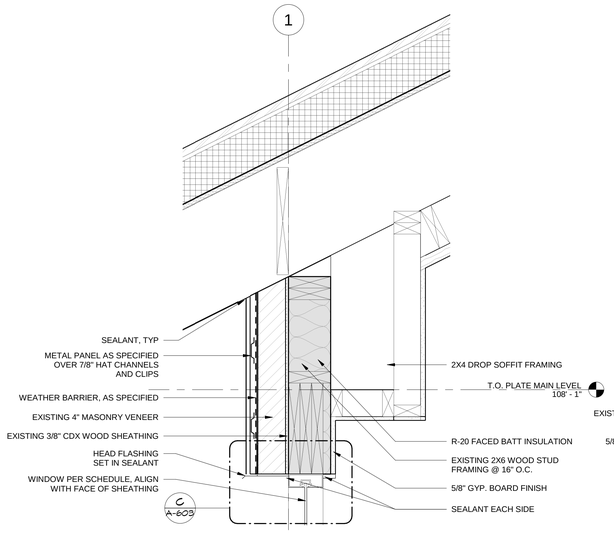
SECTION DETAIL-ALSF HEAD AT METAL PANEL L

1 1/2" = 1'-0" A-502



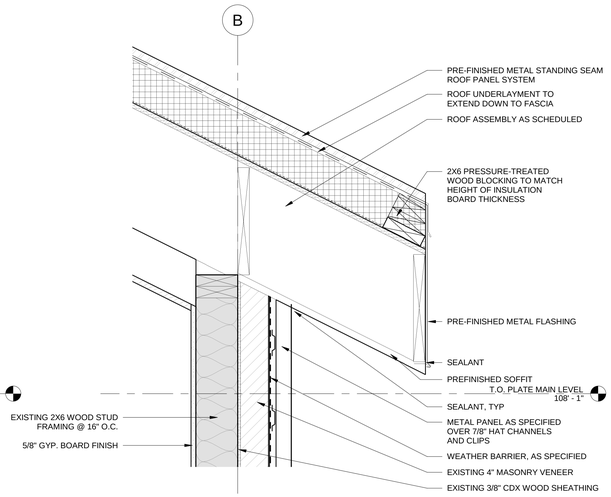
SECTION DETAIL-STUCCO TO METAL PANEL K

1 1/2" = 1'-0" A-502



SECTION DETAIL-SOFFIT ABOVE DOOR J

1 1/2" = 1'-0" A-502



SECTION DETAIL-ROOF EAVE I

1 1/2" = 1'-0" A-502

SECTION DETAIL-COILING SHUTTER HEAD H

1 1/2" = 1'-0" A-502

SECTION DETAIL-ALSF SILL AT PATIO G

1 1/2" = 1'-0" A-502

SECTION DETAIL-ALSF ENTRY CONDITION F

1 1/2" = 1'-0" A-502

SECTION DETAIL-METAL PANEL AT GRADE E

1 1/2" = 1'-0" A-502

SECTION DETAIL-METAL PANEL AT PATIO D

1 1/2" = 1'-0" A-502

SECTION DETAIL-CONDITION 3-SOUTH EXPOSED C

1 1/2" = 1'-0" A-502

SECTION DETAIL-CONDITION 2-STEM UNDER VENEER B

1 1/2" = 1'-0" A-502

SECTION DETAIL-CONDITION 1-MASONRY TO FOOTING A

1 1/2" = 1'-0" A-502

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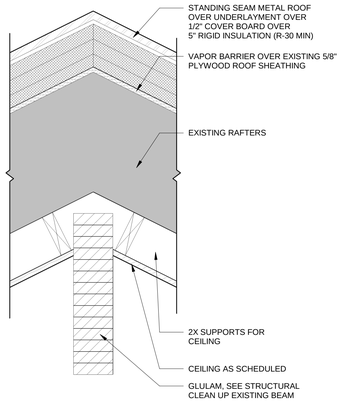
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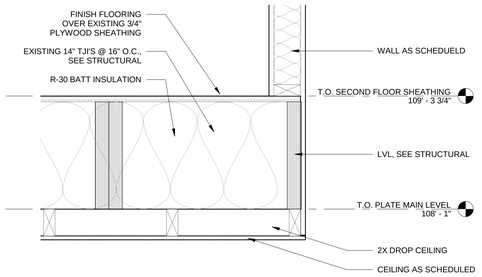
REVISIONS:

A-502
SECTION DETAILS

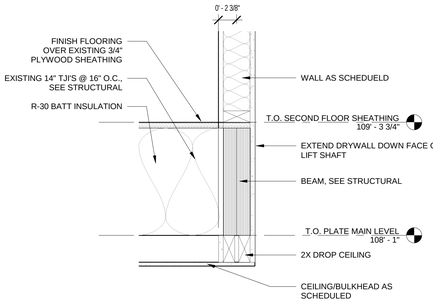
0 3" 6" 1'
0 2"



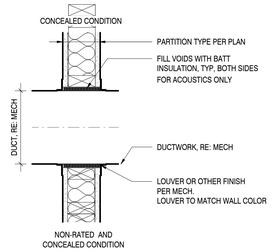
RIDGE BEAM DETAIL O
1 1/2" = 1'-0" A-503



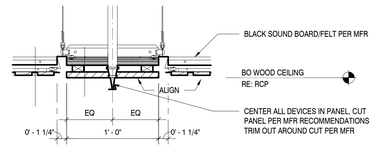
EDGE OF MECH PLATFORM N
1 1/2" = 1'-0" A-503



EDGE OF FLOOR M
1 1/2" = 1'-0" A-503

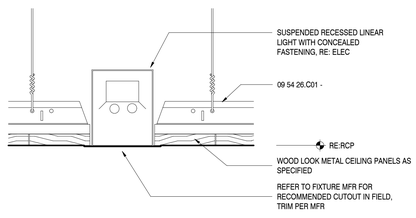


DUCT PENETRATION L
1 1/2" = 1'-0" A-503

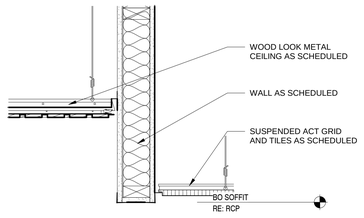


WOOD CEILING AT PENETRATIONS K
1 1/2" = 1'-0" A-503

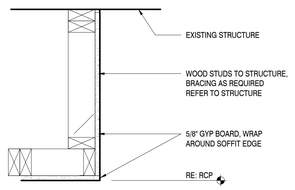
WOOD CEILING TO GYP J
1 1/2" = 1'-0" A-503



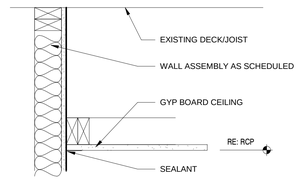
CEILING DETAIL I
3" = 1'-0" A-503



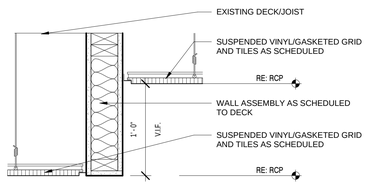
WOOD TO BULKHEAD H
1 1/2" = 1'-0" A-503



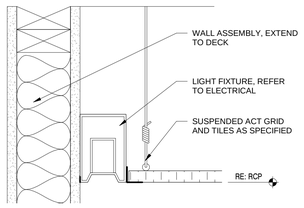
GYP CORNER G
1 1/2" = 1'-0" A-503



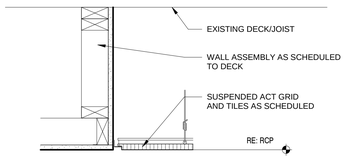
GYP SOFFIT TO ACT F
1 1/2" = 1'-0" A-503



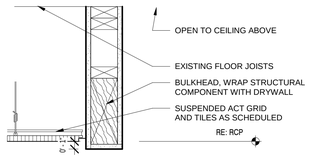
GYP SOFFIT TO ACT E
1 1/2" = 1'-0" A-503



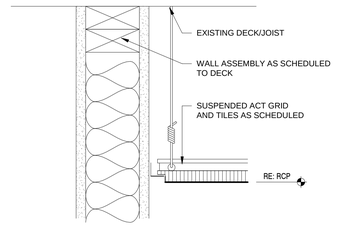
ACT AT REVEAL LIGHT D
3" = 1'-0" A-503



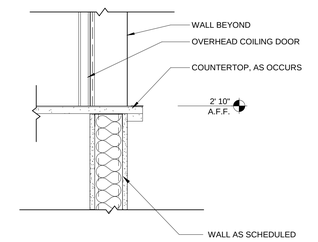
GYP SOFFIT TO ACT C
1 1/2" = 1'-0" A-503



BULKHEAD AT ACT B
1 1/2" = 1'-0" A-503



ACT TO WALL TYP. A
3" = 1'-0" A-503



COILING SHUTTER SILL P
1 1/2" = 1'-0" A-503

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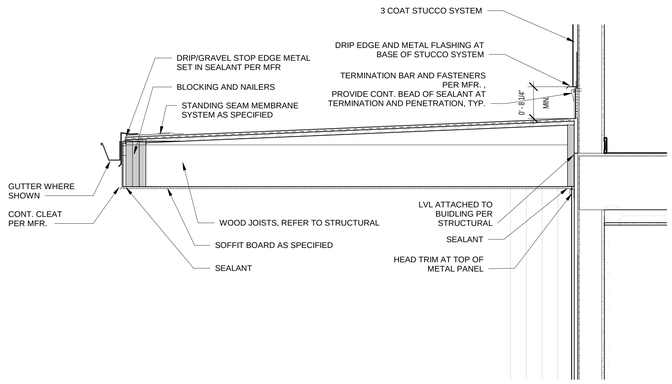
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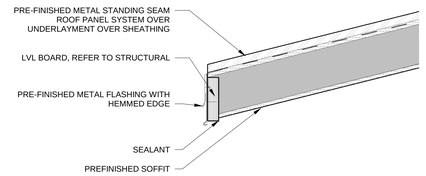
A-503
CEILING DETAILS

0 3" 6" 1'
0 2"



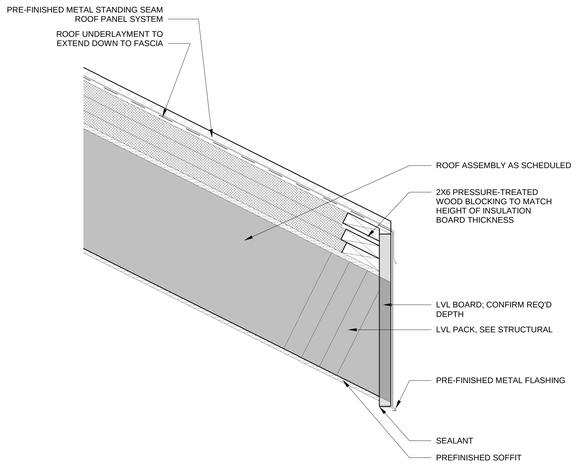
ROOF CANOPY H

3/4" = 1'-0" A-504



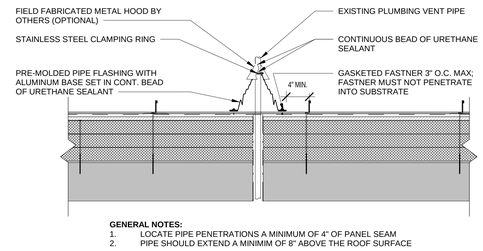
ROOF CANOPY G

1 1/2" = 1'-0" A-504



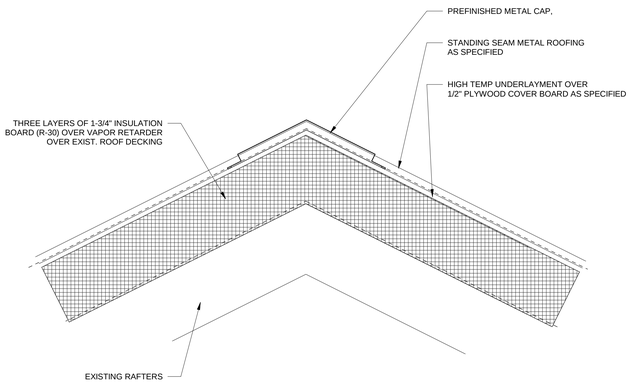
ENTRY ROOF EXTENSION F

1 1/2" = 1'-0" A-504



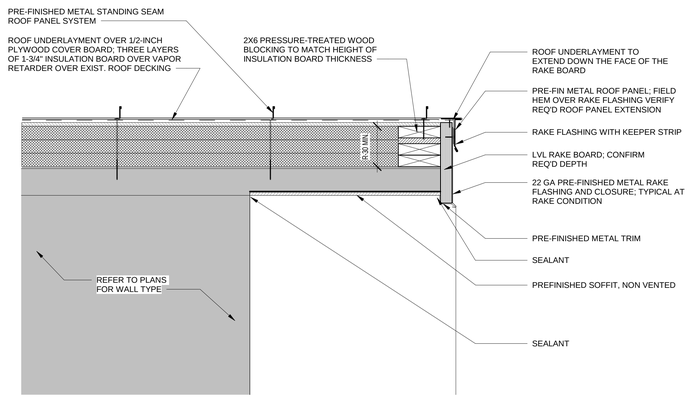
ROOF PENETRATION E

1 1/2" = 1'-0" A-504



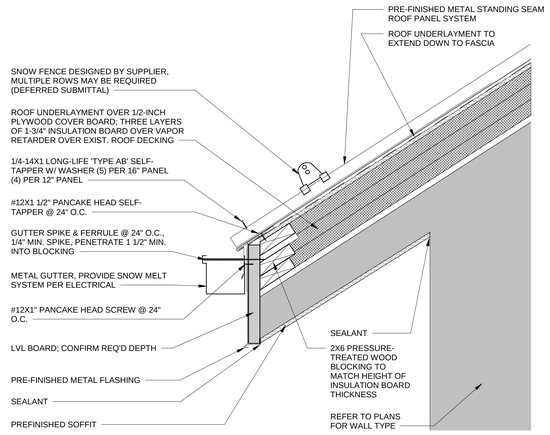
ROOF RIDGE D

1 1/2" = 1'-0" A-504



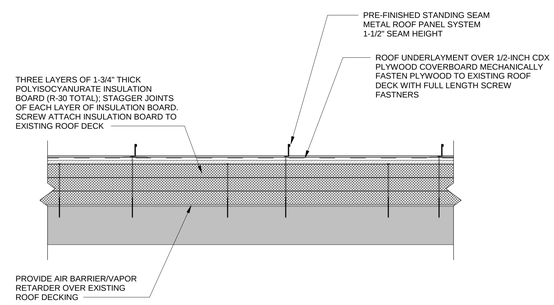
ROOF RAKE FLASHING C

1 1/2" = 1'-0" A-504



ROOF EAVE W/ GUTTER B

1 1/2" = 1'-0" A-504



ROOF ASSEMBLY A

1 1/2" = 1'-0" A-504

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STATE OF COLORADO · LOUIS BENJAMIN · C-38716 · REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

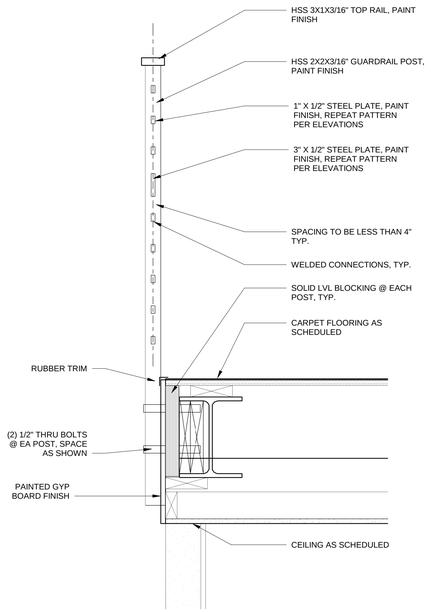
JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-504
ROOF DETAILS

0 9" 1.5' 3'
0 2"

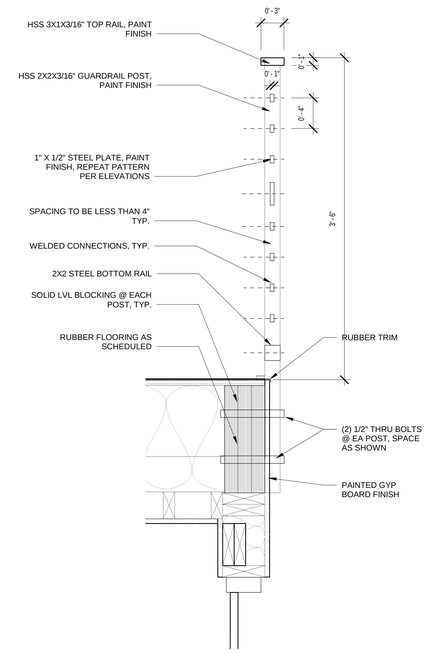


SECTION DETAIL-GUARDRAIL AT LOFT NORTH

I

1 1/2" = 1'-0"

A-505

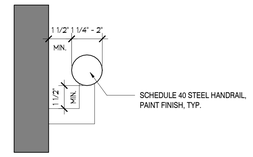


SECTION DETAIL-GUARDRAIL AT LOFT

H

1 1/2" = 1'-0"

A-505

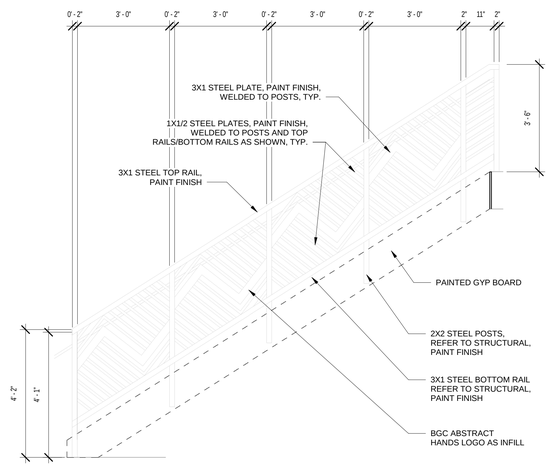


STAIR RAILING DETAIL

F

3" = 1'-0"

A-505

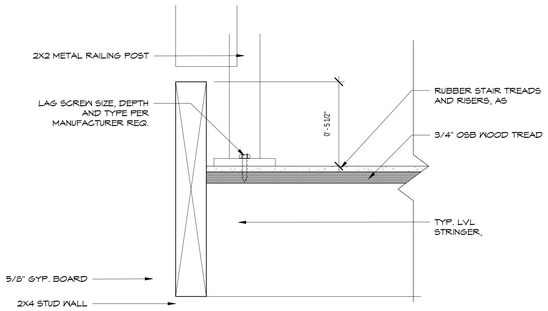


STAIR 1 RAILING ELEVATION

C

1/2" = 1'-0"

A-505

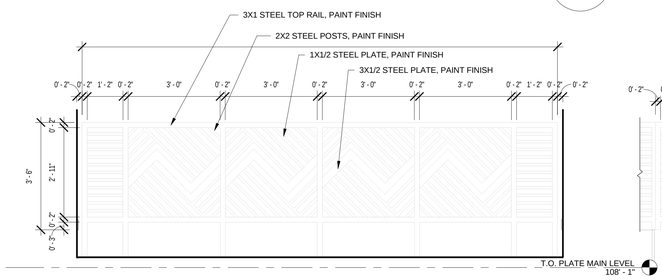


STAIR RAILING CONNECTION DETAIL

E

3" = 1'-0"

A-505

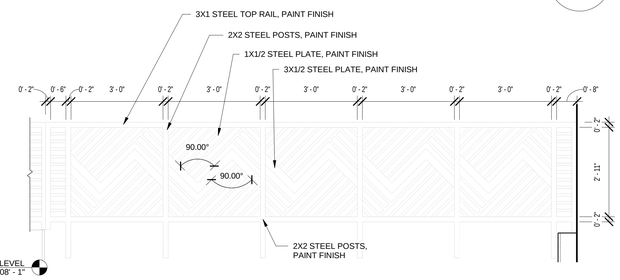


RAILING ELEVATION

B

1/2" = 1'-0"

A-505

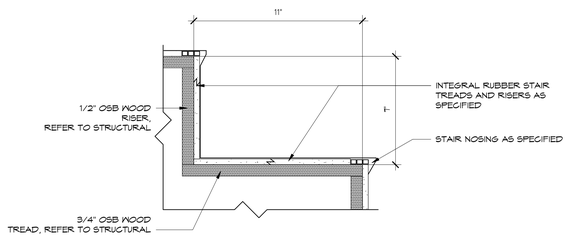


RAILING ELEVATION

A

1/2" = 1'-0"

A-505



STAIR TREAD DETAIL - SECTION

D

3" = 1'-0"

A-505

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STATE OF COLORADO
LESLEY LOUIS ESTRADA
C-38710
REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

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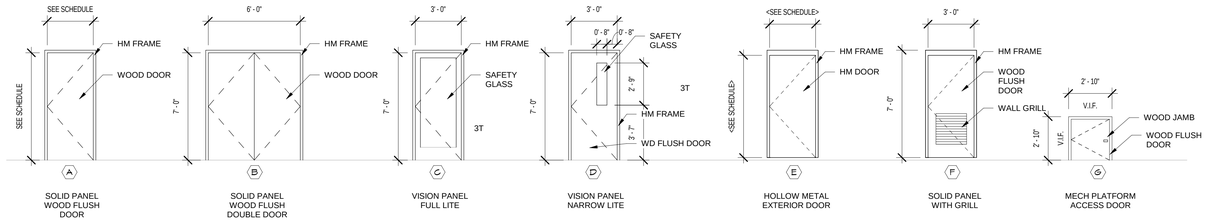
ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-505

STAIR AND RAILING DETAILS

0 1' 2' 4'
0 2'



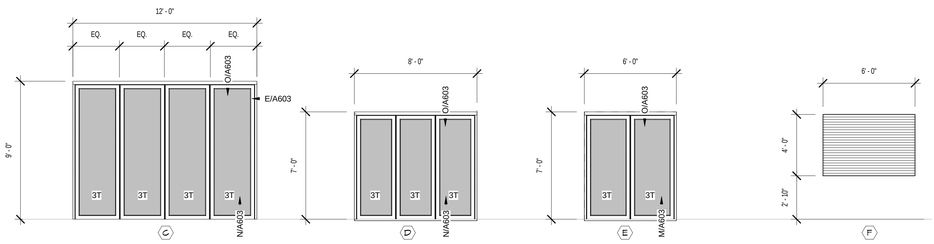
SOLID PANEL WOOD FLUSH DOOR | SOLID PANEL WOOD FLUSH DOUBLE DOOR | VISION PANEL FULL LITE | VISION PANEL NARROW LITE | HOLLOW METAL EXTERIOR DOOR | SOLID PANEL WITH GRILL | MECH PLATFORM ACCESS DOOR

DOOR GENERAL NOTES

1. ALL INTERIOR DOORS ARE FLUSH WOOD DOORS AS SPECIFIED

DOOR TYPES

1/4" = 1'-0"



FOLDING DOOR
QTY: 2, ONE DOOR STACKS TO THE LEFT, ONE DOOR STACKS TO THE RIGHT

FOLDING DOOR
QTY: 3, RIGHT STACK FOR EACH

FOLDING DOOR
QTY: 1, RIGHT STACK FOR EACH

COILING SHUTTER, MANUAL OPERERATION
QTY: 1

DOOR GENERAL NOTES

1. ALL FOLDING DOORS TO STACK TO ONE SIDE UNLESS OTHERWISE NOTED
2. COILING OVERHEAD SHUTTER DOOR TO BE MANUALLY OPERATED

SPECIALTY DOORS

1/4" = 1'-0"

DOOR SCHEDULE

MARK	WIDTH	HEIGHT	DOOR TYPE	DOOR FINISH	FRAME TYPE	FRAME FINISH	REMARKS	HARDWARE GROUP
101A	3' - 0"	7' - 0"	ALSF	BRONZE ANODIZED	ALSF	PREFIN	ADA OPERATOR, ACCESS CONTROL, ELEC PANIC, POSITION SWITCH	AL-02
101B	3' - 0"	7' - 0"	ALSF	BRONZE ANODIZED	ALSF	PREFIN	ADA OPERATOR, ACCESS CONTROL, ELEC PANIC, POSITION SWITCH	AL-03
102	6' - 0"	7' - 0"	ALSF	BRONZE ANODIZED	ALSF	PREFIN	ACCESS CONTROL, ELECTRIFIED PANIC, POSITION SWITCH	AL-01
103A	6' - 0"	7' - 0"						06
103B	3' - 0"	7' - 0"	WOOD DOOR		HM	PNT		AL-04
103C	12' - 0"	9' - 0"	BI-FOLD, C	BRONZE ANODIZED	ALUM	PREFIN	POSITION SWITCH	BI-F100
103D	12' - 0"	9' - 0"	BI-FOLD, C	BRONZE ANODIZED	ALUM	PREFIN	POSITION SWITCH	BI-F100
105A	3' - 0"	6' - 8"	WOOD DOOR	PNT	HM	PNT	DOOR TYPE E, ACCESS CONTROL, POSITION SWITCH	05
105B	3' - 0"	6' - 8"	WOOD DOOR	PNT	HM	PNT	DOOR TYPE A	13
106	3' - 0"	6' - 8"	WOOD DOOR	PNT	HM	PNT	DOOR TYPE F, DOOR GRILL	12
107	3' - 0"	6' - 8"	WOOD DOOR	PNT	HM	PNT	DOOR TYPE A	15
108	3' - 0"	6' - 8"	WOOD DOOR	PNT	HM	PNT	DOOR TYPE A	16
109	3' - 0"	6' - 8"	WOOD DOOR	PNT	HM	PNT	DOOR TYPE D	11
110	3' - 0"	6' - 8"	WOOD DOOR	PNT	HM	PNT	DOOR TYPE A, PROVIDE FLOOR STOP TO PROTECT DUCT	13
111	3' - 0"	6' - 8"	WOOD DOOR	PNT	HM	PNT	DOOR TYPE F, PROVIDE DOOR GRILL FOR VENTILATION	12
116A	3' - 0"	7' - 0"	WOOD DOOR		HM	PNT	HM4	XXX
116B	3' - 0"	7' - 0"	WOOD DOOR		HM	PNT	HM5	XXX
116C	6' - 0"	7' - 0"	BI-FOLD, E		ALUM	PREFIN	POSITION SWITCH	10
117A	3' - 0"	7' - 0"	WOOD DOOR		HM	PNT	HM4	10
117B	6' - 0"	7' - 0"	BI-FOLD, D		ALUM	PREFIN	POSITION SWITCH	BI-F100
118	3' - 0"	6' - 8"	WOOD DOOR	PNT	HM	PNT	DOOR TYPE A	10
119	3' - 0"	6' - 8"	WOOD DOOR	PNT	HM	PNT	DOOR TYPE A	BI-F100
120	6' - 0"	6' - 8"	WOOD DOOR		HM	PNT	DOOR TYPE B	12
121	3' - 0"	7' - 0"	WOOD DOOR		HM	PNT	HM4	12
122	3' - 0"	6' - 8"	WOOD DOOR	PNT	HM	PNT	DOOR TYPE C	14
125A	3' - 0"	7' - 0"	WOOD DOOR		HM	PNT	HM4	10
125B	6' - 0"	7' - 0"	BI-FOLD, D		ALUM	PREFIN	POSITION SWITCH	09
126	3' - 0"	6' - 8"	WOOD DOOR	PNT	HM	PNT	DOOR TYPE A	10
127	3' - 0"	6' - 8"					LIFT DOOR - PER MFR	BI-F100
129A	6' - 0"	7' - 0"	ALSF	BRONZE ANODIZED	ALSF	PREFIN	ACCESS CONTROL, ELECTRIFIED PANIC, POSITION SWITCH	12
129B	6' - 0"	7' - 0"	BI-FOLD, D		ALUM	PREFIN		13
129C	3' - 0"	7' - 0"	WOOD DOOR		HM	PNT	DOOR TYPE C, PANIC	AL-01
204	3' - 0"	7' - 0"	WOOD DOOR		HM	PNT	HM-6	BI-F00
205A	3' - 0"	7' - 0"	WOOD DOOR		HM	PNT	HM-7	08
205C	2' - 6"	2' - 6"	WOOD DOOR				ACCESS DOOR TO MECH PLATFORM, BASIC DOOR HANDLE/HINGES ONLY	16
205D	2' - 6"	2' - 6"	WOOD DOOR				ACCESS DOOR TO MECH PLATFORM, BASIC DOOR HANDLE/HINGES ONLY	16
206	3' - 0"	7' - 0"	WOOD DOOR		HM	PNT	HM-6	16
207	3' - 0"	7' - 0"	WOOD DOOR		HM	PNT	HM-6	16
208	3' - 0"	6' - 8"	WOOD DOOR	PNT	HM	PNT	DOOR TYPE A	13
209	3' - 0"	7' - 0"	WOOD DOOR		HM	PNT	HM-6	16
210	2' - 6"	6' - 8"	WOOD DOOR		HM	PNT	DOOR TYPE A	15
212	3' - 0"	6' - 8"	WOOD DOOR	PNT	HM	PNT	DOOR TYPE A	15
213	3' - 0"	7' - 0"	WOOD DOOR		HM	PNT	HM-6	16
214A	3' - 0"	6' - 8"	WOOD DOOR	PNT	HM	PNT	DOOR TYPE A	13
214B	3' - 0"	6' - 8"	WOOD DOOR	PNT	HM	PNT		13
215	3' - 0"	6' - 8"	WOOD DOOR	PNT	HM	PNT	DOOR TYPE C	07
216	3' - 0"	6' - 8"					LIFT DOOR, PER MFR, CARD READER AND PS ONLY PROVIDED BY CONTRACTOR	12
301	4' - 0"	1' - 0"	FLOOR HATCH	STEEL		STEEL	FLOOR HATCH	FH-200
302	4' - 6"	1' - 0"	FLOOR HATCH	STEEL		STEEL	FLOOR HATCH	FH-200
303	4' - 6"	1' - 0"	FLOOR HATCH	STEEL		STEEL	FLOOR HATCH	FH-200

GLASS SCHEDULE	
MARK	TYPE
1	1/4" ANNEALED GLASS (INT.)
2	1/4" FULLY TEMPERED (INT.)
3	1" CLEAR INSULATED (EXT.) LOW-E GLASS, ANNEALED GLASS
3T	1" CLEAR INSULATED (EXT.) LOW-E GLASS, TEMPERED

SAFETY GLAZING REQUIREMENTS:

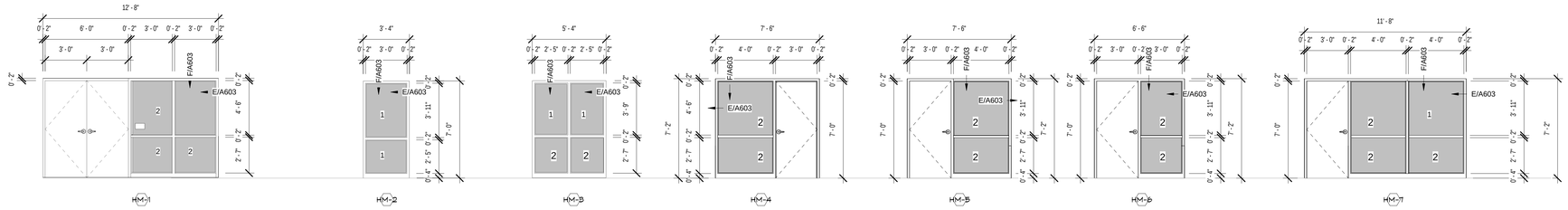
NOTE: SAFETY GLASS MUST BE USED IN THE FOLLOWING LOCATIONS PER IBC REQUIREMENTS:

A. SAFETY GLAZING SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS:
   GLAZING IN SWINGING DOORS
   GLAZING IN FIXED AND SLIDING PANELS OF SLIDING DOORS
   GLAZING IN DOORS AND ENCLOSURES FOR SHOWERS, BATHTUBS, HOT TUBS, WHIRLPOOLS, ETC.
   GLAZING IN INDIVIDUAL FIXED OR OPERABLE PANELS ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN A 24 INCH ARC OF EITHER VERTICAL EDGE OF A DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE.
   GLAZING MEETING ALL OF THE FOLLOWING:
   1. EXPOSED AREA, 9 S.F.
   2. EXPOSED BOTTOM EDGE LESS THAN 18 INCHES ABOVE THE FLOOR
   3. EXPOSED TOP EDGE GREATER THAN 36 INCHES ABOVE THE FLOOR.
   4. ONE OR MORE WALKING SURFACES WITHIN 36 INCHES HORIZONTALLY OF THE GLAZING.
   GLAZING IN GUARDRAILS AND RAILINGS, ADJACENT TO STAIRWAYS OR RAMPS.

NOTE! GLASS AND FRAME FOR ALL ALUMINUM STOREFRONT AND SPECIALTY DOORS TO MEET MAX. U-FACTOR REQUIREMENTS PER TABLE C402.1.4, WHICH INCLUDES BOTH THE GLASS AND FRAME. CONTRACTOR TO PROVIDE CONFIRMATION DURING SUBMITTAL PROCESS.

EXTERIOR GATES

G-01 AT TEEN PATIO EAST TO RECEIVE G-300 HARDWARE.
G-02 AT FAR WEST YARD TO RECEIVE G-400 HARDWARE WITHOUT THE CARD READER OR LOW VOLTAGE
G-03 AT UTILITY YARD TO RECEIVE G-400 HARDWARE
G-04 AT TEEN PATIO SOUTH TO RECEIVE G-300 WITHOUT THE CARD READER OR LOW VOLTAGE



QTY: 1
FIRST FLOOR YOUTH GAME ROOM

QTY: 1
FIRST FLOOR VESTIBULE

QTY: 1
FIRST FLOOR OFFICE

QTY: 4
FIRST FLOOR PROGRAM ROOMS

QTY: 1
FIRST FLOOR PROGRAM ROOMS

QTY: 5
SECOND FLOOR OFFICES

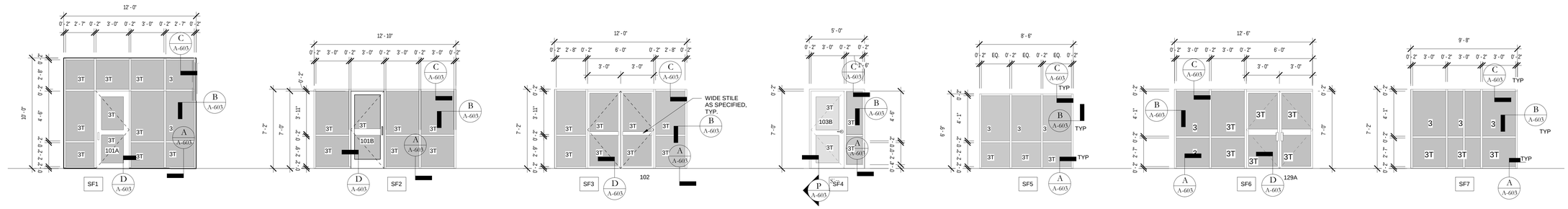
QTY: 1
SECOND FLOOR CONFERENCE ROOM

HOLLOW METAL GENERAL NOTES

1. ALL HOLLOW METAL DOOR FRAMES TO BE PAINTED PER PAINT SCHEDULE.
2. ALL HOLLOW METAL DOOR FRAMES TO BE 7'-0" IN HEIGHT UNLESS OTHERWISE NOTED

HOLLOW METAL FRAMES

1/4" = 1'-0"



ALUMINUM STOREFRONT

1/4" = 1'-0"

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PROGRESS SET
NOT FOR CONST.

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

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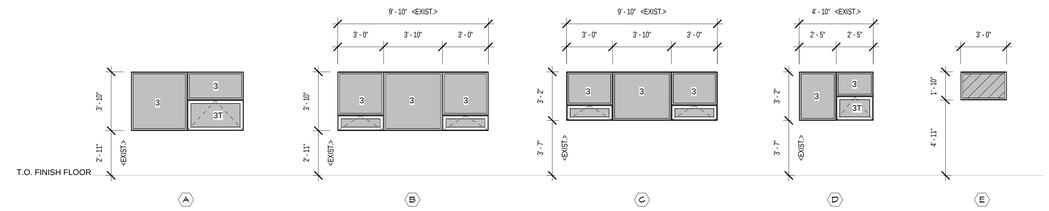
ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-601
DOOR SCHEDULE

WINDOW SCHEDULE

TYPE MARK	COUNT	WIDTH	HEIGHT	SILL HEIGHT	HEAD HEIGHT	WINDOW TYPE	COMMENTS
A	3	7' - 4"	3' - 10"	2' - 11"	6' - 9"	COMBINATION FIXED WINDOW UNIT	REPLACE EXISTING WINDOW, NEW WINDOW TO FIT IN EXISTING OPENING
B	1	9' - 10"	3' - 10"	2' - 11"	6' - 9"	COMBINATION FIXED WINDOW UNIT	REPLACE EXISTING WINDOW, NEW WINDOW TO FIT IN EXISTING OPENING
C	5	9' - 10"	3' - 2"	3' - 7"	6' - 9"	COMBINATION FIXED WINDOW UNIT	REPLACE EXISTING WINDOW, NEW WINDOW TO FIT IN EXISTING OPENING
D	3	4' - 10"	3' - 2"	3' - 7"	6' - 9"	COMBINATION FIXED WINDOW UNIT	REPLACE EXISTING WINDOW, NEW WINDOW TO FIT IN EXISTING OPENING
E	2	3' - 0"	1' - 10"	<varies>	<varies>	FIXED	NEW WINDOW IN EXISTING OPENING TO MATCH WIDTH OF EXISTING OPENING. HEIGHT CHANGES AND INFILL FRAMING REQUIRED BELOW, UNITS ARE IN RESTROOMS



PROVIDE TRANSLUSCENT FILM OVER GLASS FOR PRIVACY

GENERAL WINDOW NOTES

1. DIMENSION MAY VARY DEPENDING ON MANUFACTURER.
2. ALL VARIATIONS MUST BE VIEWED AND APPROVED BY ARCHITECT.
3. ALL GLASS TO BE INSULATED AT EXTERIOR TO MEET IECC.
4. PROVIDE SCREENS AT ALL OPERABLE UNITS.
5. REFER TO A-603 FOR HEAD, JAMB AND SILL DETAILS FOR WINDOW CONDITIONS IN METAL PANEL OR STUCCO
6. CONTRACTOR TO SUBMIT THE U VALUE FOR BOTH GLAZING AND FRAME ASSEMBLY AND ENSURE IT COMPLIES WITH IECC REQUIREMENTS.
7. FIELD VERIFY ALL DIMENSIONS WHERE NEW WINDOWS ARE GOING IN EXISTING OPENINGS

ALUMINUM STOREFRONT WINDOWS

1/4" = 1'-0"

GLASS SCHEDULE	
MARK	TYPE
1	1/4" ANNEALED GLASS (INT.)
2	1/4" FULLY TEMPERED (INT.)
3	1" CLEAR INSULATED (EXT.) LOW-E GLASS, ANNEALED GLASS
3T	1" CLEAR INSULATED (EXT.) LOW-E GLASS, TEMPERED

SAFETY GLAZING REQUIREMENTS:

NOTE: SAFETY GLASS MUST BE USED IN THE FOLLOWING LOCATIONS PER IBC REQUIREMENTS:

A. SAFETY GLAZING SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS:
   GLAZING IN SWINGING DOORS
   GLAZING IN FIXED AND SLIDING PANELS OF SLIDING DOORS
   GLAZING IN DOORS AND ENCLOSURES FOR SHOWERS, BATHTUBS, HOT TUBS, WHIRLPOOLS, ETC.
   GLAZING IN INDIVIDUAL FIXED OR OPERABLE PANELS ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN A 24 INCH ARC OF EITHER VERTICAL EDGE OF A DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE.

GLAZING MEETING ALL OF THE FOLLOWING:
1. EXPOSED AREA, 9 S.F.
2. EXPOSED BOTTOM EDGE LESS THAN 18 INCHES ABOVE THE FLOOR
3. EXPOSED TOP EDGE GREATER THAN 36 INCHES ABOVE THE FLOOR.
4. ONE OR MORE WALKING SURFACES WITHIN 36 INCHES HORIZONTALLY OF THE GLAZING.

GLAZING IN GUARDRAILS AND RAILINGS, ADJACENT TO STAIRWAYS OR RAMPS.

NOTE! GLASS AND FRAME FOR ALL ALUMINUM STOREFRONT AND SPECIALTY DOORS TO MEET MAX. U-FACTOR REQUIREMENTS PER TABLE C402.1.4, WHICH INCLUDES BOTH THE GLASS AND FRAME. CONTRACTOR TO PROVIDE CONFIRMATION DURING SUBMITTAL PROCESS.

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PROGRESS SET
NOT FOR CONST.

PROJECT TEAM:

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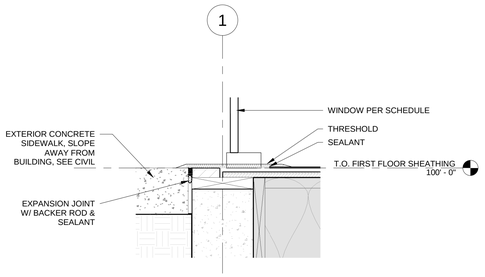
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ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

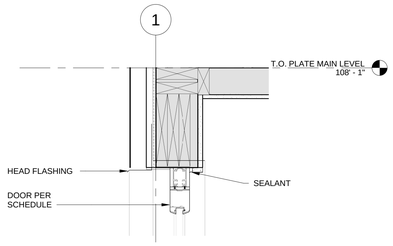
A-602
WINDOW SCHEDULES

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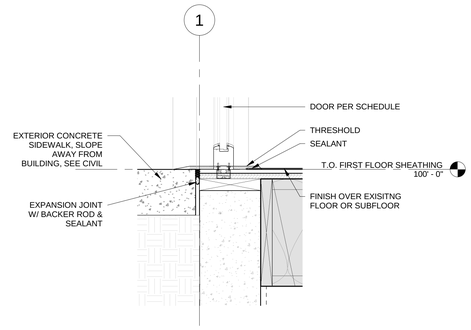
SECTION DETAIL-ALSF THRESHOLD AT WEST ENTRY

P — 1 1/2" = 1'-0" — A-603



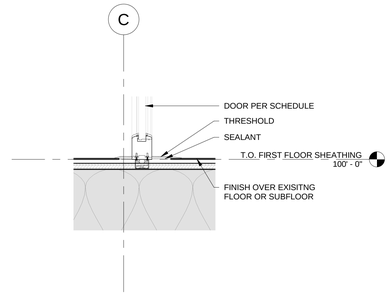
SECTION DETAIL-BIFOLD DOOR HEAD SOUTHWEST

O — 1 1/2" = 1'-0" — A-603



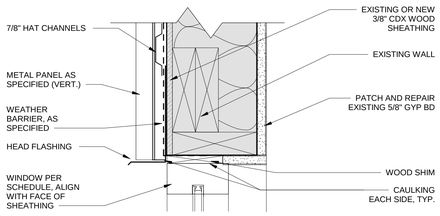
SECTION DETAIL-BIFOLD DOOR THRESHOLD

N — 1 1/2" = 1'-0" — A-603



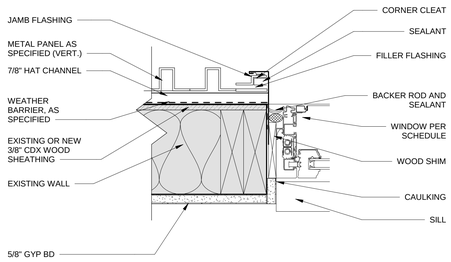
SECTION DETAIL-BIFOLD DOOR INTERIOR SILL

M — 1 1/2" = 1'-0" — A-603



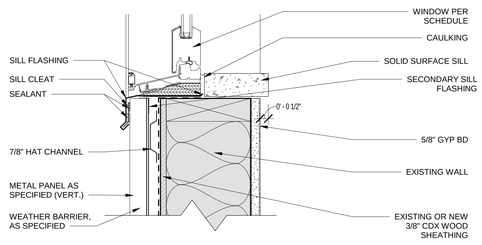
TYP WINDOW HEAD MTL PANEL

L — 3" = 1'-0" — A-603



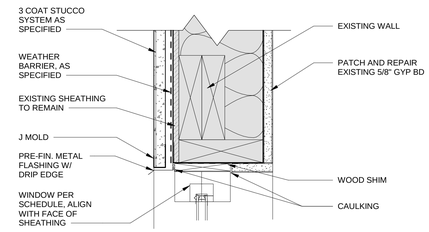
TYP WINDOW JAMB MTL PANEL

K — 3" = 1'-0" — A-603



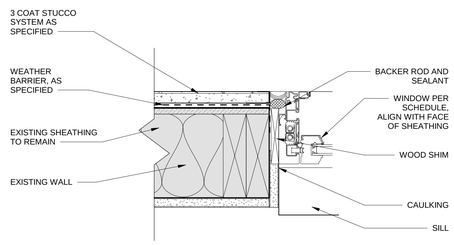
TYP WINDOW SILL MTL PANEL

J — 3" = 1'-0" — A-603



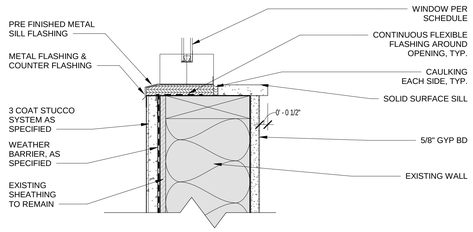
TYP WINDOW HEAD STUCCO

I — 3" = 1'-0" — A-603



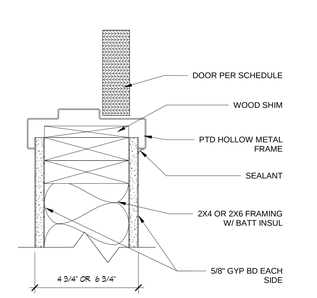
TYP WINDOW JAMB STUCCO

H — 3" = 1'-0" — A-603



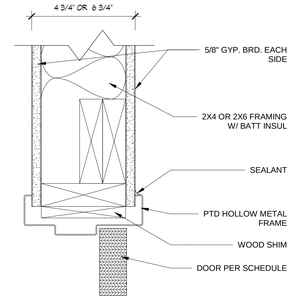
TYP WINDOW SILL STUCCO

G — 3" = 1'-0" — A-603



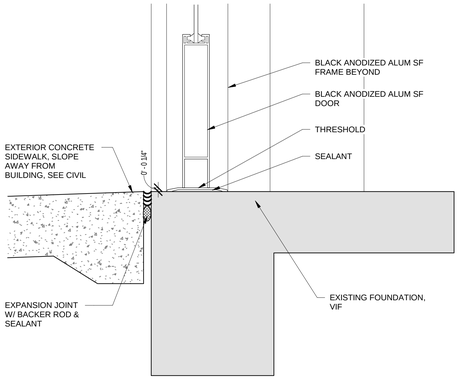
TYP HM JAMB

F — 3" = 1'-0" — A-603



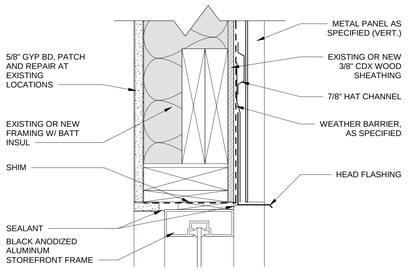
TYP HM HEAD

E — 3" = 1'-0" — A-603



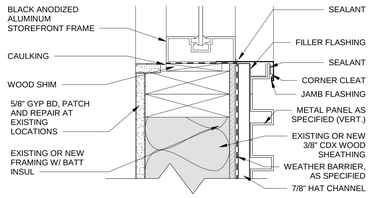
STOREFRONT DOOR SILL

D — 3" = 1'-0" — A-603



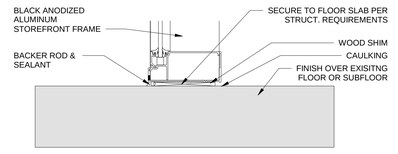
TYP EXT STOREFRONT HEAD

C — 3" = 1'-0" — A-603



TYP EXT STOREFRONT JAMB

B — 3" = 1'-0" — A-603



TYP EXT STOREFRONT SILL

A — 3" = 1'-0" — A-603

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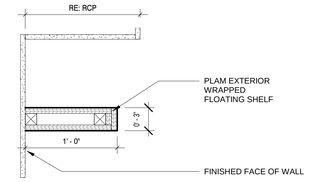
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REVISIONS:

A-603
WINDOW AND DOOR DETAILS

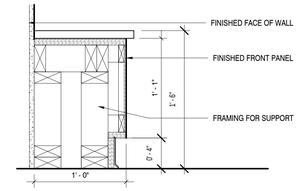
0 2.5" 5" 10"
0 2"



FLOATING SHELF W3

1 1/2" = 1'-0"

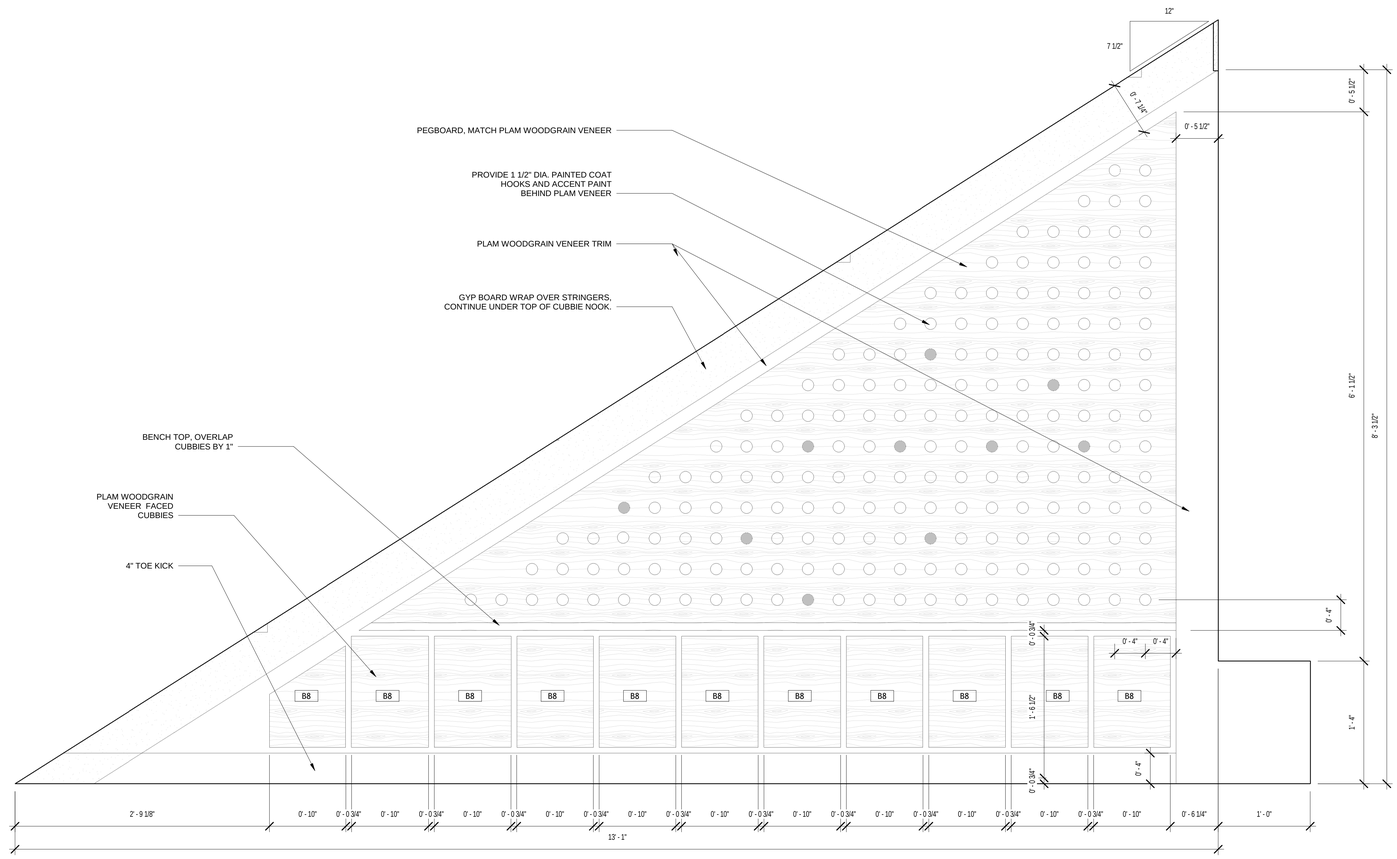
D
A-701



ENTRY BENCH B9

1 1/2" = 1'-0"

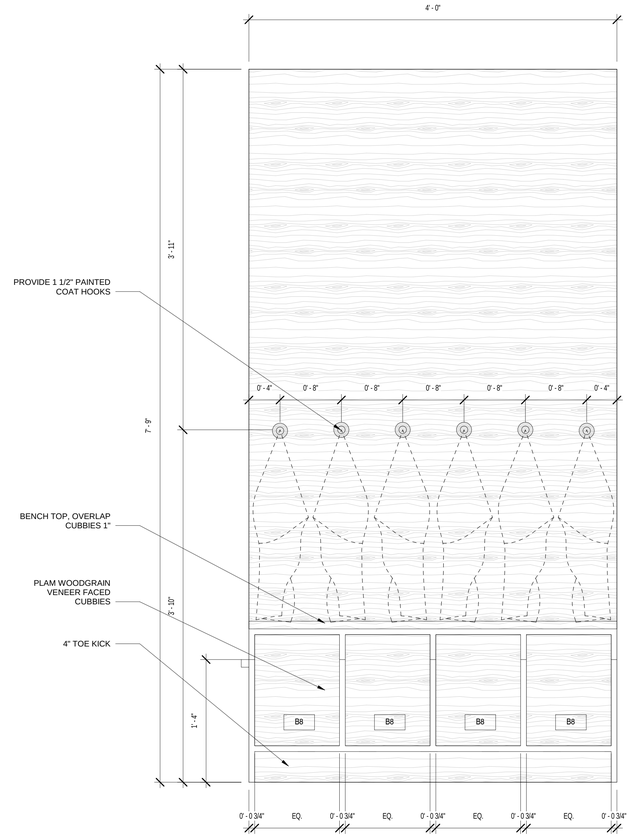
C
A-701



CASEWORK UNDER STAIR

1 1/2" = 1'-0"

B
A-701



CASEWORK UNDER STAIR

1 1/2" = 1'-0"

A
A-701

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LOUIS REYNOLDS
REGISTERED ARCHITECT

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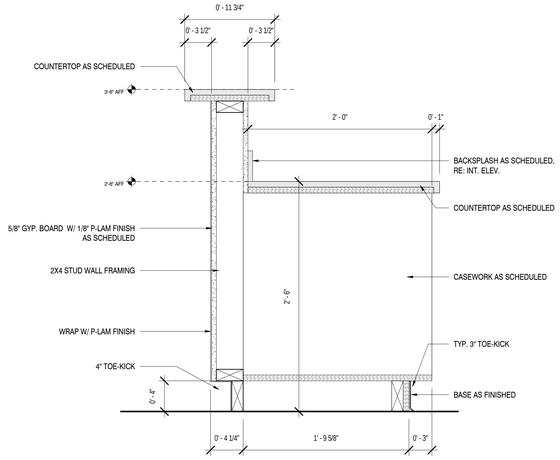
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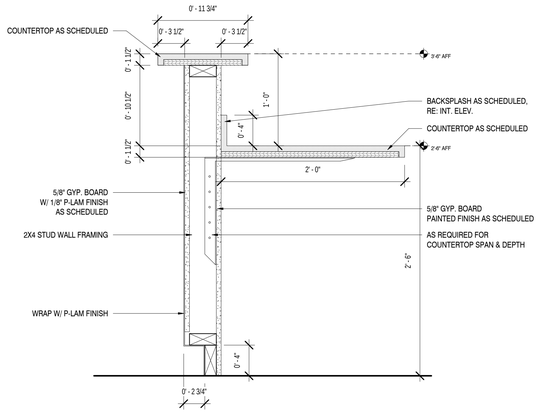
A-701
CASEWORK DETAILS

0 3" 6" 1'
0 2"

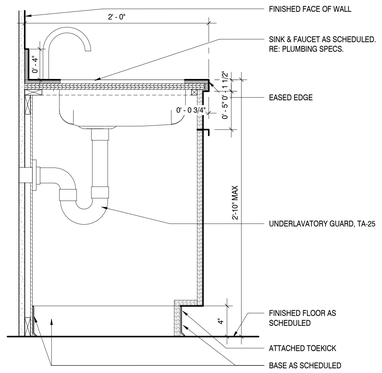
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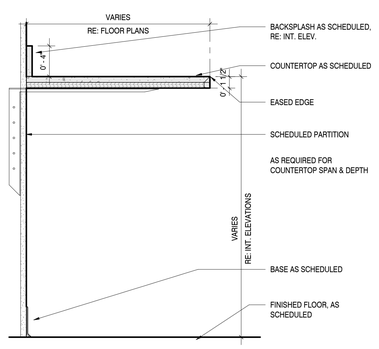
RECEPTION DETAIL O
1 1/2" = 1'-0" A-702



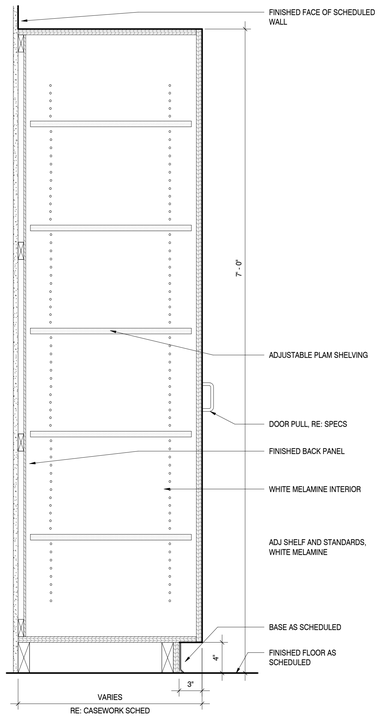
RECEPTION DETAIL N
1 1/2" = 1'-0" A-702



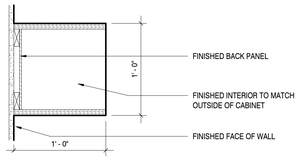
BASE CABINET S1 M
1 1/2" = 1'-0" A-702



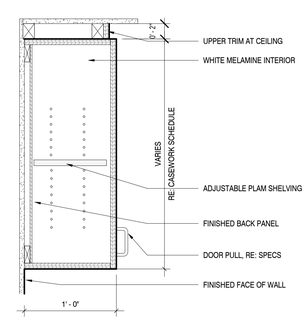
COUNTERTOP C1 L
1 1/2" = 1'-0" A-702



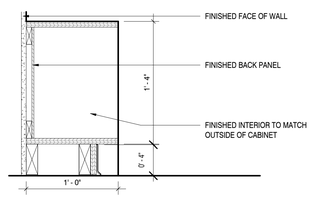
NOTE: ALL UPPER CABS TO MEET CEILING WHERE HEIGHT IS APPROXIMATELY 7'-6", USE SCRIBE MOLDING AS NECESSARY



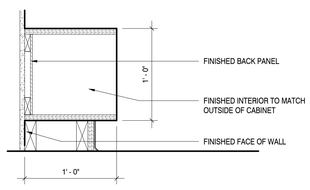
UPPER CABINET W2 K
1 1/2" = 1'-0" A-702



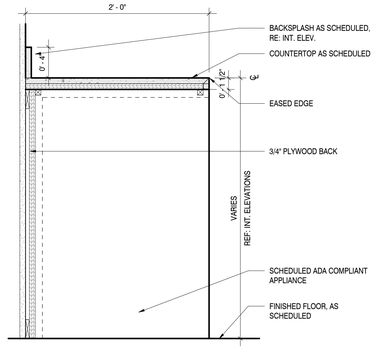
UPPER CABINET W1 J
1 1/2" = 1'-0" A-702



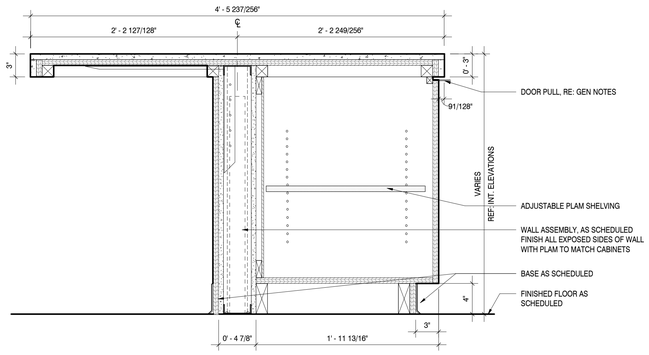
BASE CABINET B8 H
1 1/2" = 1'-0" A-702



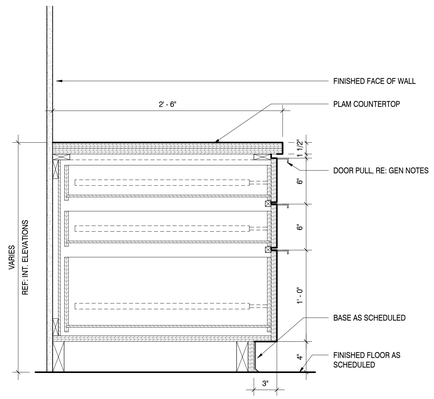
BASE CABINET B7 G
1 1/2" = 1'-0" A-702



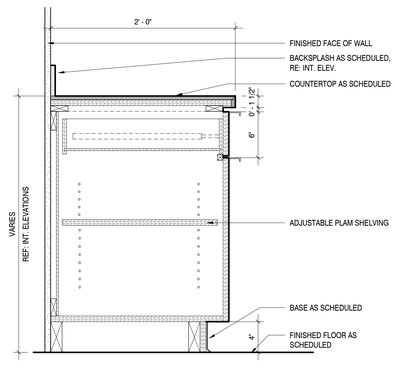
BASE CABINET B6 F
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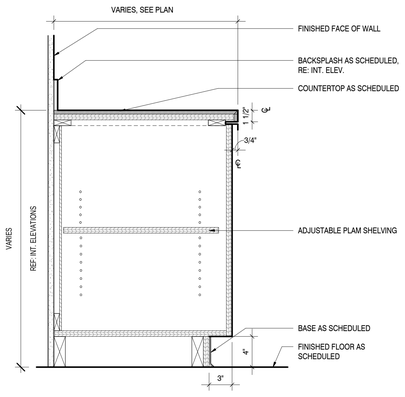
BASE CABINET B4 D
1 1/2" = 1'-0" A-702



BASE CABINET B3 C
1 1/2" = 1'-0" A-702



BASE CABINET B2 B
1 1/2" = 1'-0" A-702



BASE CABINET B1 A
1 1/2" = 1'-0" A-702

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STATE OF COLORADO · LOUIS REYNOLDS · C-29,744 · REGISTERED ARCHITECT

9/1/2026 12:43:37 AM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	**25190**
ISSUE DATE:	**2026-08-31**
DRAWN BY:	**LES**

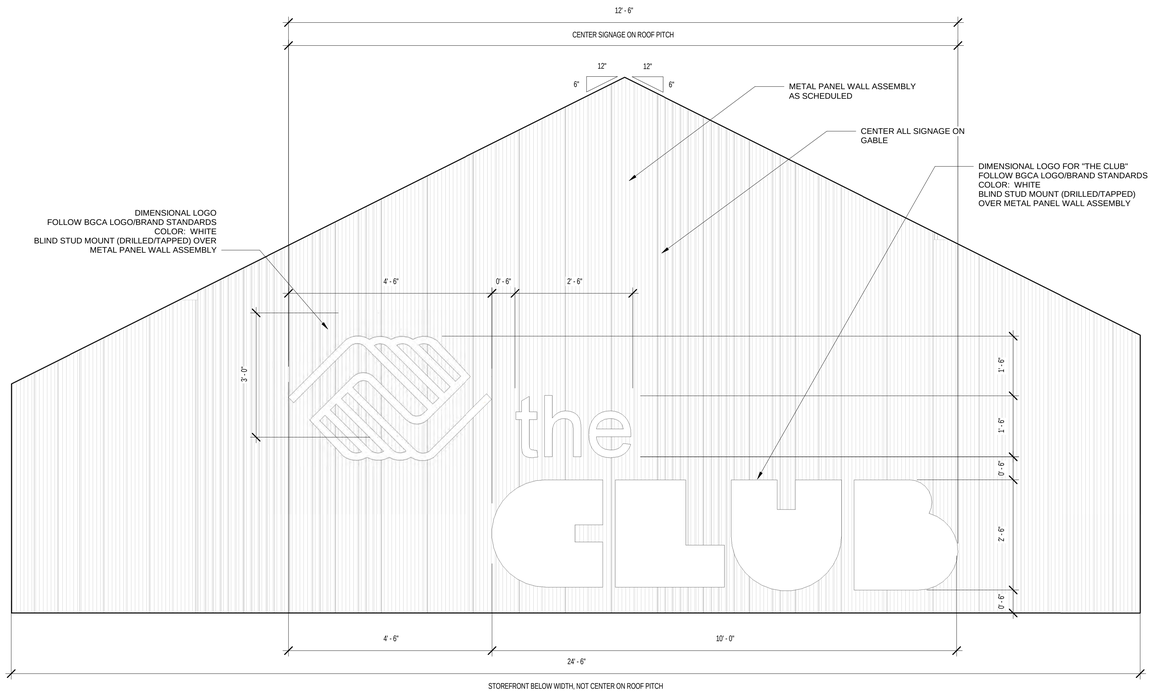
ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

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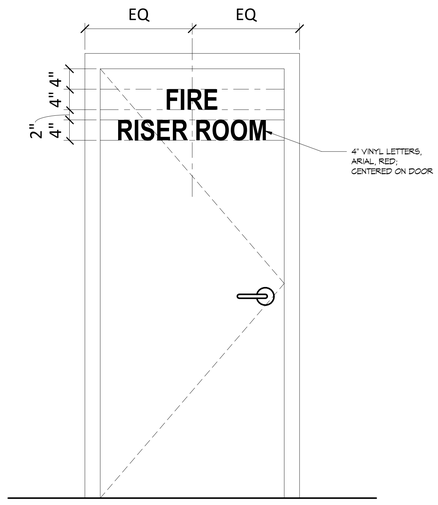
A-702
CASEWORK DETAILS

0 3" 6" 1'
0 2"

PRINT DATE: 9/1/2026 12:43:37 AM

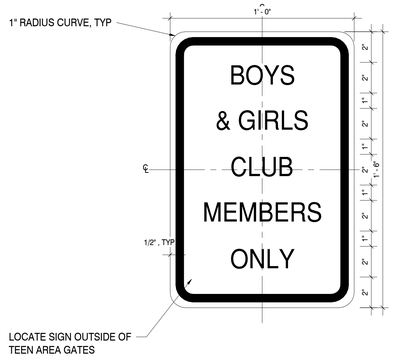


EXTERIOR SIGN 4 — C / A-801
3/4" = 1'-0"

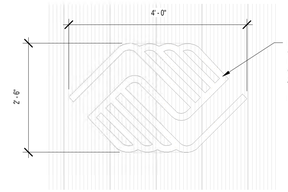


*DOOR FRAME ELEVATION - NTS

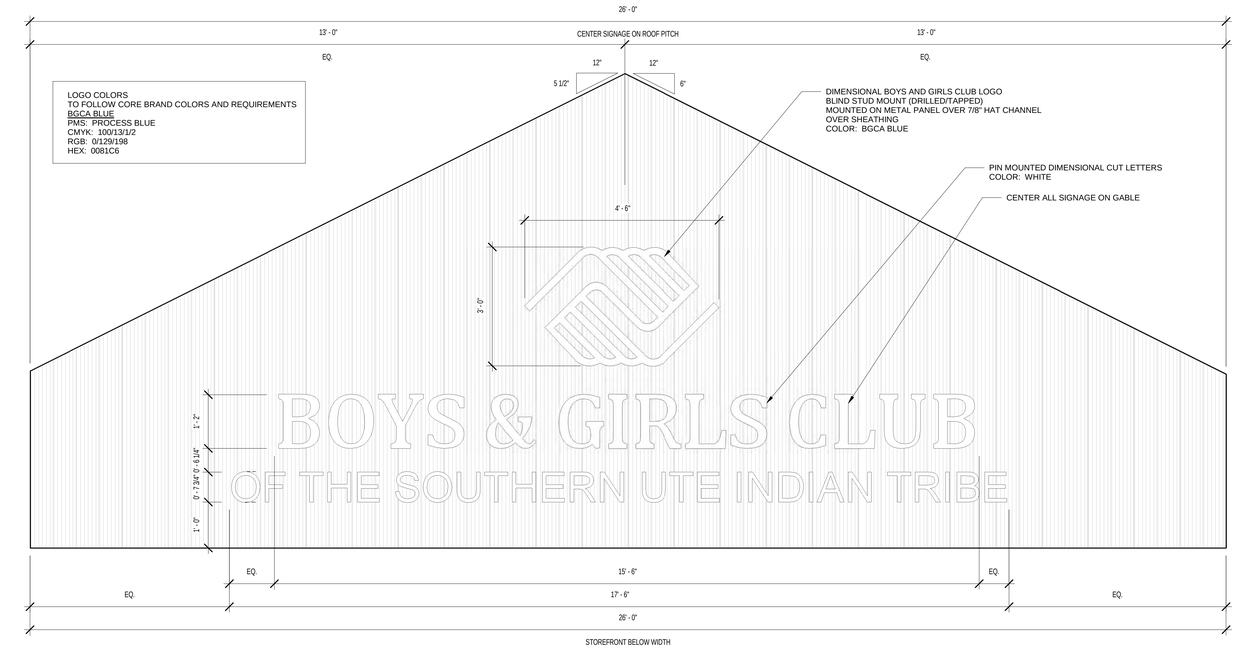
SIGN TYPE S — F / A-801
1" = 1'-0"



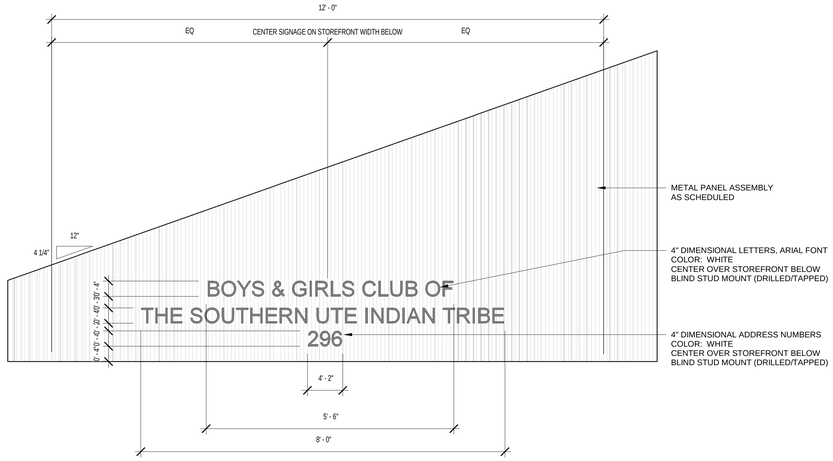
BGC PARKING — E / A-801
3" = 1'-0"



EXTERIOR SIGN 3 - BACKLIT — D / A-801
3/4" = 1'-0"



EXTERIOR SIGN 1 — B / A-801
3/4" = 1'-0"



EXTERIOR SIGN 2 — A / A-801
3/4" = 1'-0"

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STATE OF COLORADO — LOUIS REYNOLDS — REGISTERED ARCHITECT

9/1/2026 12:50:23 AM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

PRINT DATE: 9/1/2026 12:50:23 AM

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

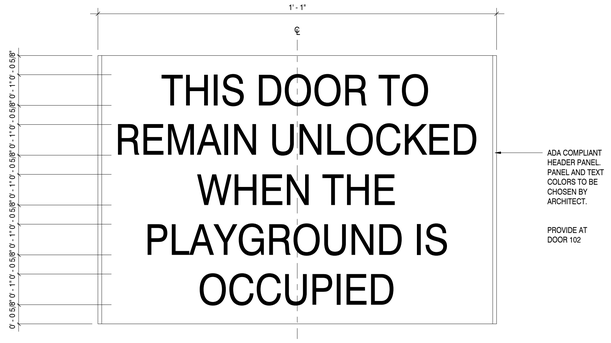
JOB. NO.:	25190
ISSUE DATE:	2026-08-31
DRAWN BY:	LES

ISSUE RECORD:
SD PHASE 2026-02-06
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REVISIONS:

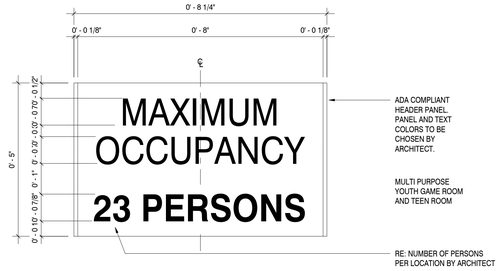
A-801
EXTERIOR SIGNAGE

0 1' 2' 4'
0 2'



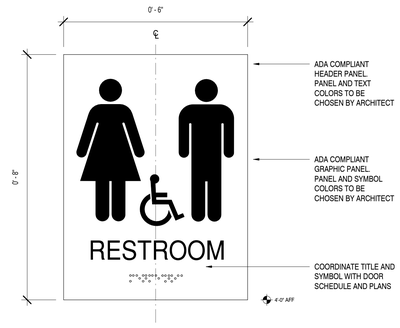
SIGN TYPE R

6" = 1'-0"



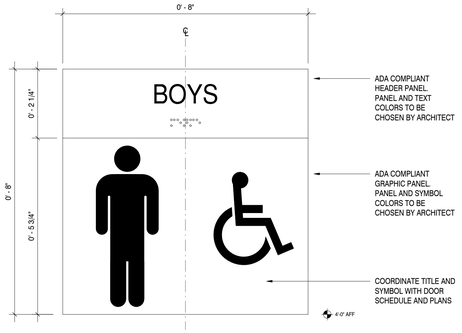
SIGN TYPE K.1

6" = 1'-0"



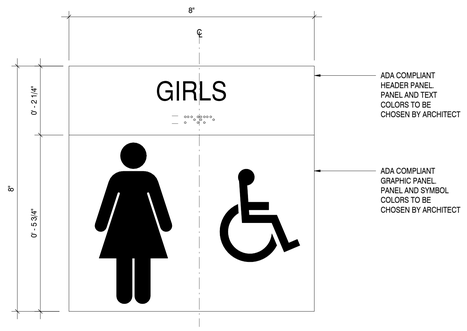
SIGN TYPE G.3

6" = 1'-0"



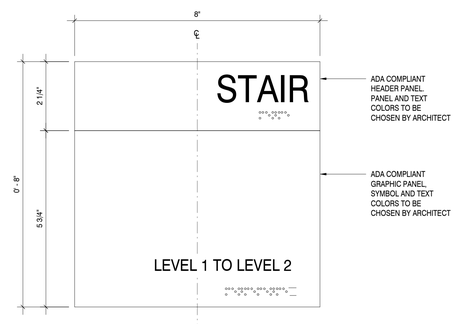
SIGN TYPE G.2

6" = 1'-0"



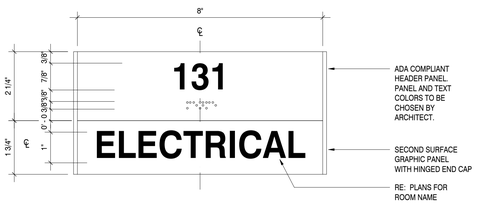
SIGN TYPE G.1

6" = 1'-0"



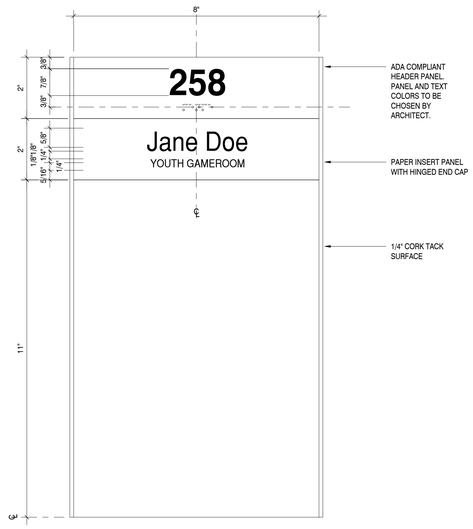
SIGN TYPE F

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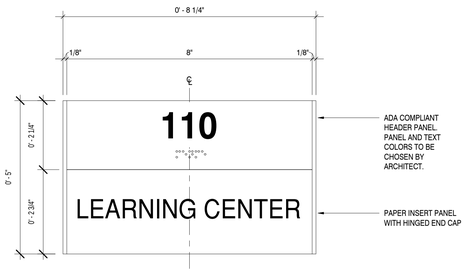
SIGN TYPE D

6" = 1'-0"



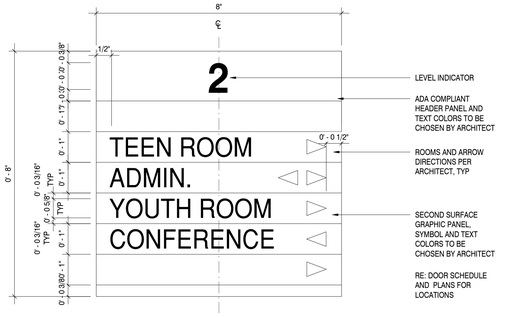
SIGN TYPE C

6" = 1'-0"



SIGN TYPE B

6" = 1'-0"



SIGN TYPE A

6" = 1'-0"

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STATE OF COLORADO
LOUIS REYNOLDS
C-29711
REGISTERED ARCHITECT

9/1/2026 12:50:41 AM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	25190
ISSUE DATE:	2026-08-31
DRAWN BY:	LES

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

A-802

INTERIOR SIGNAGE

0 1' 2' 4'
0 2'

PRINT DATE: 9/1/2026 12:50:41 AM

ROOM FINISH SCHEDULE

NO.	NAME	Wall Finish	Floor Finish	Base Finish	Ceiling Finish	CLG HEIGHT	COMMENTS
102	LOBBY	PNT, FRP 1	LVT-1	RB	WOOD ACOUSTIC	VARIES	
103	YOUTH GAMEROOM	PNT	LVT WOOD WITH ACCENTS	RB	WOOD ACOUSTIC	VARIES	
104	CORRIDOR	PNT, FRP 1	LVT-1	RB	ACT GRID	7'-10"	
105	ELEC.	PNT	LVT-1	RB	ACT GRID	7'-9"	
106	RISER/JAN.	PNT, FRP 3	LVT-1	RB	ACT GRID	7'-9"	
107	RR	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
108	OFFICE	PNT	CPT-1	RB	ACT GRID	7'-9"	
109	KITCHEN	PNT AND FRP	VCT	RB	VINYL ACT GRID	VARIES	
111	I.T.	PNT	LVT-1	RB	ACT GRID	7'-9"	
112	STAIR #01	PNT	RUBBER STAIR TREADS AND RISERS	RB	WOOD ACOUSTIC	VARIES	
113	CORRIDOR	PNT	LVT-1	RB	ACT GRID	7'-9"	
114	GIRLS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
115	BOYS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
116	YOUTH LEARNING CENTER	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
117	ART	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
118	STORAGE	PNT	LVT-1	RB	ACT GRID	7'-9"	
119	STORAGE	PNT	LVT-1	RB	ACT GRID	7'-9"	
120	STORAGE	PNT	LVT-1	RB	ACT GRID	7'-9"	
122	CORRIDOR	PNT	LVT-1	RB	ACT GRID	7'-9"	
123	GIRLS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
124	BOYS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
125	MAKERS SPACE	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
126	STORAGE	PNT	LVT-1	RB	GYP BOARD	VARIES	
127	LIFT	PNT	LVT WOOD	RB	NA	VARIES	
129	TEEN GAMEROOM	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
201	LOFT	PNT	CPT-1	RB	WOOD ACOUSTIC	VARIES	
202	CORRIDOR	PNT	CPT-1	RB	ACT GRID	8' 0"	
203	BREAK ROOM	PNT	LVT-1	RB	ACT GRID	VARIES	
204	EXECUTIVE OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	CLGS AS HIGH AS POSSIBLE
205	CONFERENCE	PNT	CPT-1	RB	ACT GRID	8' 0"	
205B	STORAGE	PNT	LVT-1	RB	GYP BOARD	VARIES	
206	OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	
207	OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	
208	STORAGE	PNT	CPT-1	RB	ACT GRID	8' 0"	
209	OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	
210	STAFF RR	TILE AND PAINT	TILE	TILE	GYP BOARD	8' 0"	
211	JANITOR	TILE AND PAINT	TILE	TILE	GYP BOARD	8' 0"	
212	ADA RR	TILE AND PAINT	TILE	TILE	GYP BOARD	8' 0"	
213	EXECUTIVE OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	
214	STORAGE	PNT	CPT-1	RB	ACT GRID	8' 0"	
215	CORRIDOR	PNT	RUBBER STAIR TREADS AND RISERS	RB	ACT GRID	VARIES	
217	MECHANICAL PLATFORM	NA	NA	NA	NA	VARIES	

FINISH KEYNOTES

TB - TACK BOARD, 4'X4' (2 TOTAL)

DT - DISPLAY TRACK 4' SEGMENTS (ADVANTUS GRIP A STRIP DISPLAY RAIL)

CT 1 - QUARTZ COUNTERTOP

CT 2 - SOLID SURFACE COUNTERTOP

WH - WALL HOOK

TV - WALL MOUNTED TV MONITOR (4 TOTAL)

AWP - ACOUSTIC WALL PANELS (MUSIC ROOM)

CG - CORNER GUARD (SHOWN RED)

WB - WHITE BOARD (4 TOTAL)

FINISH PLAN GENERAL NOTES

A. CONTRACTOR TO PREPARE + CLEAN ALL SURFACES PRIOR TO INSTALLING FINAL FINISHES AND PAINT

B. ALL WINDOWS TO HAVE SOLID SURFACE SILLS AND DRYWALL RETURNS FOR THREE SIDES.

C. GYP. WALL FINISH TO BE LIGHT ORANGE PEEL

D. SEALANT TO MATCH WALL COLOR

E. ALL TERMINATIONS OF CERAMIC TILE TO BE SCHLUTER TRIM, JOLLY PROFILE, SATIN NICKEL FINISH

F. PROVIDE SHADES AT EXTERIOR WINDOWS. PROVIDE BLINDS AT ALL INTERIOR CLASSROOM AND OFFICES.

G. ALL DOOR FRAMES TO BE PAINTED TO MATCH WALL BASE (MATCH JOHNSONITE, SILVER GREY 55)

H. PROVIDE BACKING THROUGHOUT BUILDING FOR WALL MOUNTED EQUIPMENT + MONITORS, CONTRACTOR TO COORDINATE WITH OWNER + ARCHITECT ON ADDITIONAL LOCATIONS.

I. CONTRACTOR TO VERIFY EXISTING SUBFLOOR/PLYWOOD IS ACCEPTABLE AND IN GOOD CONDITION. FLOORING TO BE APPLIED PER MFR RECOMMENDATIONS FOR FLOOR PREP AND ADHESIVES.

J. FOR ANY AREAS WHERE EXIST. DRYWALL TEXTURE TO REMAIN FEATHER IN NEW TEXTURE WHERE NEW MEETS OLD.

K. ADD COAT HOOKS ON THE BACK OF OFFICE DOORS

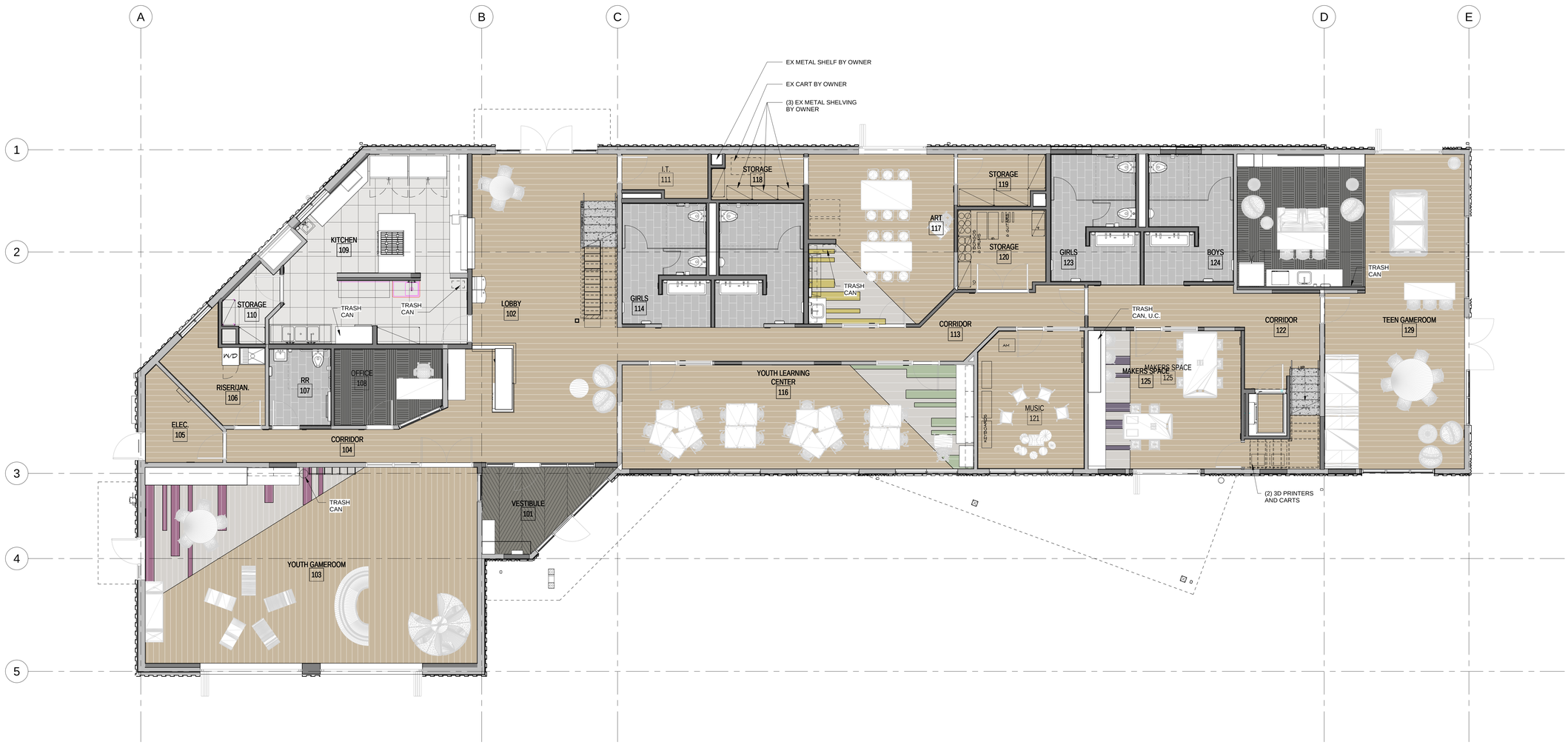
L. PAINT ALL INTERIOR HANDRAILS BLACK, P-7
PAINT THE GUARDRAIL OF STAIR 1 BLUE, P-6

FFE NOTES

THE FOLLOWING ARE ITEMS THAT ARE OWNER PROVIDED, CONTRACTOR INSTALLED:
REFRIGERATOR AND FREEZER (KITCHEN)
EXISTING SHELVING (ART ROOM/MUSIC STORAGE)
WALL MOUNTED TELEVISIONS/MONITORS
SMART BOARDS (YOUTH LEARNING CENTER)

THE FOLLOWING ARE ITEMS THAT ARE OWNER PROVIDED AND OWNER INSTALLED:
FURNITURE SHOWN FOR REFERENCE IN FINISH PLANS
GAMING SYSTEMS AND DEVICES
CHECK IN SCANNERS
PRINTERS, COPIERS, ETC.
KITCHEN STORAGE CUBBIES, SMALL APPLIANCES, SMALL STORAGE ITEMS
TRASH CANS

THE FOLLOWING ARE ITEMS THAT ARE CONTRACTOR PROVIDED AND INSTALLED:
BLINDS AND SHADES
CORNER GUARDS
TACK DISPLAY STRIPS
WHITE BOARDS WHERE SHOWN
VINYL WALL WRAPS (MAIN LOBBY AND TEEN ROOM)
TACK BOARDS



NORTH

FIRST FLOOR FINISH PLAN

3/16" = 1'-0"

1
IF-101

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STATE OF COLORADO
LOUIS A. REYNOLDS
REGISTERED ARCHITECT

9/1/2026 12:56:46 AM

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ME&E ENGINEERING

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DRAWN BY: **LES**

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CD PHASE 2026-08-31

REVISIONS:

IF-101

INTERIOR FINISH FLOOR PLAN AND ROOM FINISH SCHEDULE

0 2.5 5 10
0 2'

PRINT DATE: 9/1/2026 12:56:46 AM

ROOM FINISH SCHEDULE

NO.	NAME	Wall Finish	Floor Finish	Base Finish	Ceiling Finish	CLG HEIGHT	COMMENTS
102	LOBBY	PNT, FRP 1	LVT-1	RB	WOOD ACOUSTIC	VARIES	
103	YOUTH GAMEROOM	PNT	LVT WOOD WITH ACCENTS	RB	WOOD ACOUSTIC	VARIES	
104	CORRIDOR	PNT, FRP 1	LVT-1	RB	ACT GRID	7'-10"	
105	ELEC.	PNT	LVT-1	RB	ACT GRID	7'-9"	
106	RISER/JAN.	PNT, FRP 3	LVT-1	RB	ACT GRID	7'-9"	
107	RR	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
108	OFFICE	PNT	CPT-1	RB	ACT GRID	7'-9"	
109	KITCHEN	PNT AND FRP	VCT	RB	VINYL ACT GRID	VARIES	
111	I.T.	PNT	LVT-1	RB	ACT GRID	7'-9"	
112	STAIR #01	PNT	RUBBER STAIR TREADS AND RISERS	RB	WOOD ACOUSTIC	VARIES	
113	CORRIDOR	PNT	LVT-1	RB	ACT GRID	7'-9"	
114	GIRLS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
115	BOYS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
116	YOUTH LEARNING CENTER	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
117	ART	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
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210	STAFF RR	TILE AND PAINT	TILE	TILE	GYP BOARD	8' 0"	
211	JANITOR	TILE AND PAINT	TILE	TILE	GYP BOARD	8' 0"	
212	ADA RR	TILE AND PAINT	TILE	TILE	GYP BOARD	8' 0"	
213	EXECUTIVE OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	
214	STORAGE	PNT	CPT-1	RB	ACT GRID	8' 0"	
215	CORRIDOR	PNT	RUBBER STAIR TREADS AND RISERS	RB	ACT GRID	VARIES	
217	MECHANICAL PLATFORM	NA	NA	NA	NA	VARIES	

PAINT LEGEND

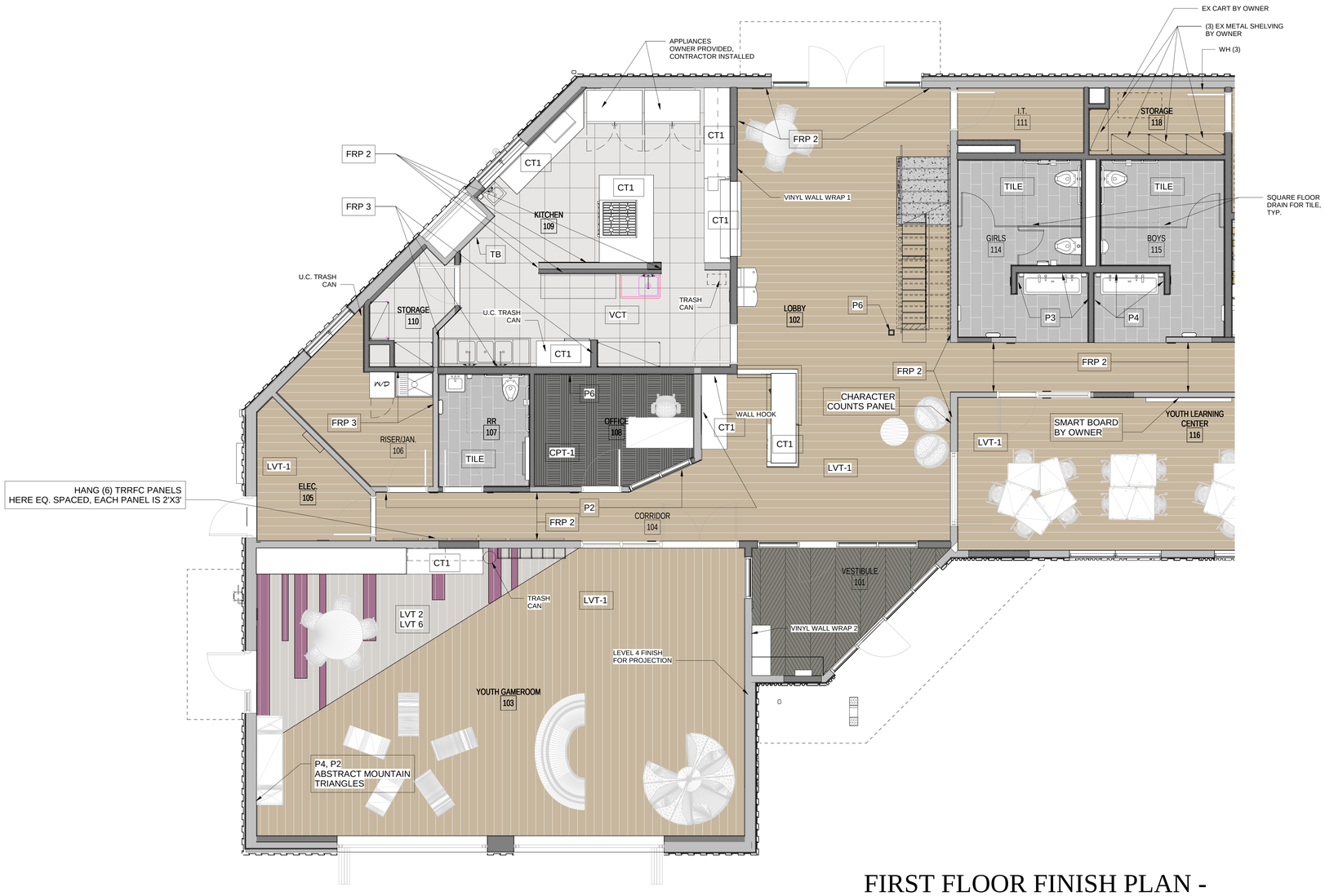
- P1 - FIELD
  SW 9546 LUNAR LITE
  ALL WALLS ARE P1 UNO
- P2 - ACCENT
  SW 9690 MOUNTAIN FIG
- P3 - ACCENT
  SW 0072 DEEP MAROON
- P4 - ACCENT
  SW 9659 MARINE
- P5 - ACCENT
  SW 2854 CARIBBEAN CORAL
- P6 - ACCENT
  SW SILKEN PEACOCK 9059
- P7 - MISC METALS/TRIM/ACCENT
  SW 6258 TRICORN BLACK

FLOOR FINISH MATERIAL LEGEND

- LVT 1 - FIELD COLOR, WOOD LOOK
  MANNINGTON COMMERCIAL, SPACIA, SPRING MAPLE 7.25" X 48"
- LVT 2 - ACCENT
  MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE
  TRUFFLE C167
- LVT 3 - ACCENT
  MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE
  GRANNY SMITH C175
- LVT 4 - ACCENT
  MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE
  BUZZY YELLOW C124
- LVT 5 - ACCENT
  MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE
  MILK THISTLE C121
- LVT 6, ACCENT
  MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE
  RHUBARB PIE C122
- CPT 1 - FIELD COLOR, SECOND FLOOR OFFICE AREA
  MANNINGTON COMMERCIAL, ARIE, DAPPER DIALOGUE, CRAFTED RENEWAL 14611, 12"X36"
- CPT 2 - WALK OFF CARPET
  MANNINGTON COMMERCIAL, RUFFIAN II
  EBONY EARTH 1506 24"X24"
- RB-1 RUBBER STAIR TREADS AND RISERS
  JOHNSONNITE, SILVER GRAY 55, BAMBOO
  STAIRS TO ALSO MATCH WALL BASE FOR BUILDING
- VCT, KITCHEN
  TARKETT, VCT II
  522 STEEL WORKS W TA6 BEDROCK CG, 12"X12"
- TILE - CERAMIC FLOOR TILE
  DALTILE, WANDERWISE, SWAN WW01 MATTE
  12"X24"

WALL PROTECTION LEGEND

- FRP 1 - ACROVYN WOODGRAINS (MATCH CLEAR MAPLE)
  UP TO 3' WHERE SHOWN
- FRP 2 - ACROVYN SOLID PANEL (KITCHEN)
  FULL HEIGHT OF WALL, SAGE GREEN 660
- FRP 3 - ACROVYN SOLID COLORS
  UP TO 6' WHERE SHOWN, 927 FOLKSTONE



FIRST FLOOR FINISH PLAN - ENLARGED

1/4" = 1'-0"

1 IF-102

FINISH PLAN GENERAL NOTES

A. CONTRACTOR TO PREPARE + CLEAN ALL SURFACES PRIOR TO INSTALLING FINAL FINISHES AND PAINT

B. ALL WINDOWS TO HAVE SOLID SURFACE SILLS AND DRYWALL RETURNS FOR THREE SIDES.

C. GYP. WALL FINISH TO BE LIGHT ORANGE PEEL

D. SEALANT TO MATCH WALL COLOR

E. ALL TERMINATIONS OF CERAMIC TILE TO BE SCHLUTER TRIM, JOLLY PROFILE, SATIN NICKEL FINISH

F. PROVIDE SHADES AT EXTERIOR WINDOWS. PROVIDE BLINDS AT ALL INTERIOR CLASSROOM AND OFFICES.

G. ALL DOOR FRAMES TO BE PAINTED TO MATCH WALL BASE (MATCH JOHNSONITE, SILVER GREY 55)

H. PROVIDE BACKING THROUGHOUT BUILDING FOR WALL MOUNTED EQUIPMENT + MONITORS, CONTRACTOR TO COORDINATE WITH OWNER + ARCHITECT ON ADDITIONAL LOCATIONS.

I. CONTRACTOR TO VERIFY EXISTING SUBFLOOR/PLYWOOD IS ACCEPTABLE AND IN GOOD CONDITION. FLOORING TO BE APPLIED PER MFR RECOMMENDATIONS FOR FLOOR PREP AND ADHESIVES.

J. FOR ANY AREAS WHERE EXIST. DRYWALL TEXTURE TO REMAIN FEATHER IN NEW TEXTURE WHERE NEW MEETS OLD.

K. ADD COAT HOOKS ON THE BACK OF OFFICE DOORS

L. PAINT ALL INTERIOR HANDRAILS BLACK, P-7
PAINT THE GUARDRAIL OF STAIR 1 BLUE, P-6

FFE NOTES

THE FOLLOWING ARE ITEMS THAT ARE OWNER PROVIDED, CONTRACTOR INSTALLED:
REFRIGERATOR AND FREEZER (KITCHEN)
EXISTING SHELVING (ART ROOM/MUSIC STORAGE)
WALL MOUNTED TELEVISIONS/MONITORS
SMART BOARDS (YOUTH LEARNING CENTER)

THE FOLLOWING ARE ITEMS THAT ARE OWNER PROVIDED AND OWNER INSTALLED:
FURNITURE SHOWN FOR REFERENCE IN FINISH PLANS
GAMING SYSTEMS AND DEVICES
CHECK IN SCANNERS
PRINTERS, COPIERS, ETC.
KITCHEN STORAGE CUBBIES, SMALL APPLIANCES, SMALL STORAGE ITEMS
TRASH CANS

THE FOLLOWING ARE ITEMS THAT ARE CONTRACTOR PROVIDED AND INSTALLED:
BLINDS AND SHADES
CORNER GUARDS
TACK DISPLAY STRIPS
WHITE BOARDS WHERE SHOWN
VINYL WALL WRAPS (MAIN LOBBY AND TEEN ROOM)
TACK BOARDS

FINISH KEYNOTES

TB - TACK BOARD, 4'X4' (2 TOTAL)

DT - DISPLAY TRACK 4' SEGMENTS (ADVANTUS GRIP A STRIP DISPLAY RAIL)

CT 1 - QUARTZ COUNTERTOP

CT 2 - SOLID SURFACE COUNTERTOP

WH - WALL HOOK

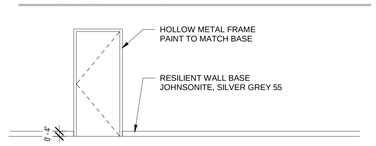
TV - WALL MOUNTED TV MONITOR (4 TOTAL)

AWP - ACOUSTIC WALL PANELS (MUSIC ROOM)

CG - CORNER GUARD (SHOWN RED)

WB - WHITE BOARD (4 TOTAL)

TYPICAL BASE/DOOR FRAME



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STATE OF COLORADO
LOUIS REYNOLDS ASH
REGISTERED ARCHITECT

9/1/2026 12:51:59 AM

PRINT DATE: 9/1/2026 12:51:59 AM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

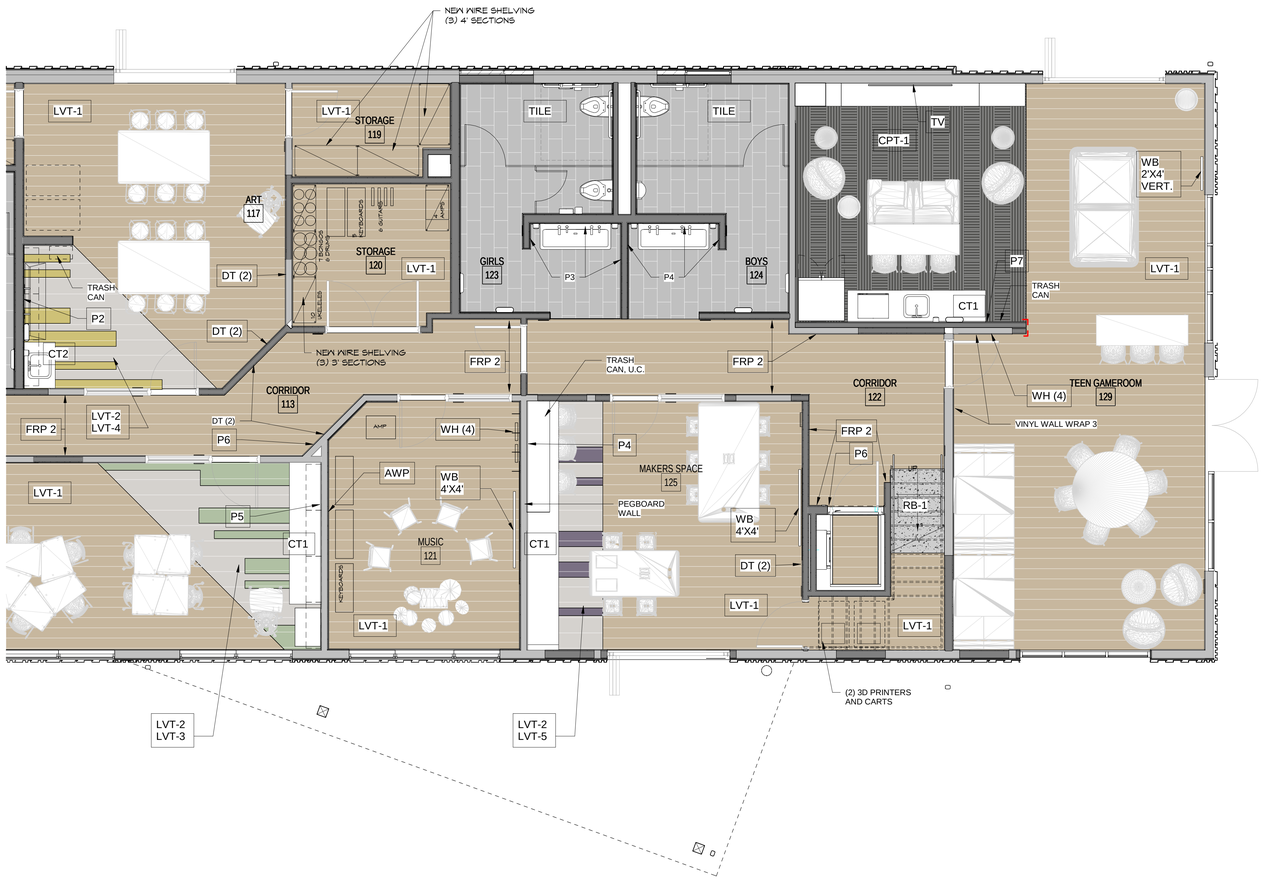
IF-102

INTERIOR FINISH FLOOR PLAN ENLARGED

0 2.5' 5' 10'
0 2"

ROOM FINISH SCHEDULE

NO.	NAME	Wall Finish	Floor Finish	Base Finish	Ceiling Finish	CLG HEIGHT	COMMENTS
102	LOBBY	PNT, FRP 1	LVT-1	RB	WOOD ACOUSTIC	VARIES	
103	YOUTH GAMEROOM	PNT	LVT WOOD WITH ACCENTS	RB	WOOD ACOUSTIC	VARIES	
104	CORRIDOR	PNT, FRP 1	LVT-1	RB	ACT GRID	7'-10"	
105	ELEC.	PNT	LVT-1	RB	ACT GRID	7'-9"	
106	RISER/JAN.	PNT, FRP 3	LVT-1	RB	ACT GRID	7'-9"	
107	RR	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
108	OFFICE	PNT	CPT-1	RB	ACT GRID	7'-9"	
109	KITCHEN	PNT AND FRP	VCT	RB	VINYL ACT GRID	VARIES	
111	I.T.	PNT	LVT-1	RB	ACT GRID	7'-9"	
112	STAIR #01	PNT	RUBBER STAIR TREADS AND RISERS	RB	WOOD ACOUSTIC	VARIES	
113	CORRIDOR	PNT	LVT-1	RB	ACT GRID	7'-9"	
114	GIRLS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
115	BOYS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
116	YOUTH LEARNING CENTER	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
117	ART	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
118	STORAGE	PNT	LVT-1	RB	ACT GRID	7'-9"	
119	STORAGE	PNT	LVT-1	RB	ACT GRID	7'-9"	
120	STORAGE	PNT	LVT-1	RB	ACT GRID	7'-9"	
122	CORRIDOR	PNT	LVT-1	RB	ACT GRID	7'-9"	
123	GIRLS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
124	BOYS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
125	MAKERS SPACE	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
126	STORAGE	PNT	LVT-1	RB	GYP BOARD	VARIES	
127	LIFT	PNT	LVT WOOD	RB	NA	VARIES	
129	TEEN GAMEROOM	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
201	LOFT	PNT	CPT-1	RB	WOOD ACOUSTIC	VARIES	
202	CORRIDOR	PNT	CPT-1	RB	ACT GRID	8' 0"	
203	BREAK ROOM	PNT	LVT-1	RB	ACT GRID	VARIES	
204	EXECUTIVE OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	CLGS AS HIGH AS POSSIBLE
205	CONFERENCE	PNT	CPT-1	RB	ACT GRID	8' 0"	
205B	STORAGE	PNT	LVT-1	RB	GYP BOARD	VARIES	
206	OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	
207	OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	
208	STORAGE	PNT	CPT-1	RB	ACT GRID	8' 0"	
209	OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	
210	STAFF RR	TILE AND PAINT	TILE	TILE	GYP BOARD	8' 0"	
211	JANITOR	TILE AND PAINT	TILE	TILE	GYP BOARD	8' 0"	
212	ADA RR	TILE AND PAINT	TILE	TILE	GYP BOARD	8' 0"	
213	EXECUTIVE OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	
214	STORAGE	PNT	CPT-1	RB	ACT GRID	8' 0"	
215	CORRIDOR	PNT	RUBBER STAIR TREADS AND RISERS	RB	ACT GRID	VARIES	
217	MECHANICAL PLATFORM	NA	NA	NA	NA	VARIES	



NORTH

FIRST FLOOR FINISH PLAN - ENLARGED

1/4" = 1'-0"

PAINT LEGEND

- P1 - FIELD — SW 9546 LUNAR LITE — ALL WALLS ARE P1 UNO
- P2 - ACCENT — SW 9690 MOUNTAIN FIG
- P3 - ACCENT — SW 0072 DEEP MAROON
- P4 - ACCENT — SW 9659 MARINE
- P5 - ACCENT — SW 2854 CARIBBEAN CORAL
- P6 - ACCENT — SW SILKEN PEACOCK 9059
- P7 - MISC METALS/TRIM/ACCENT — SW 6258 TRICORN BLACK

FLOOR FINISH MATERIAL LEGEND

- LVT 1 - FIELD COLOR, WOOD LOOK — MANNINGTON COMMERCIAL, SPACIA, SPRING MAPLE 7.25" X 48"
- LVT 2 - ACCENT — MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE — TRUFFLE C167
- LVT 3 - ACCENT — MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE — GRANNY SMITH C175
- LVT 4 - ACCENT — MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE — BUZZY YELLOW C124
- LVT 5 - ACCENT — MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE — MILK THISTLE C121
- LVT 6, ACCENT — MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE — RHUBARB PIE C122
- CPT 1 - FIELD COLOR, SECOND FLOOR OFFICE AREA — MANNINGTON COMMERCIAL, ARIE, DAPPER DIALOGUE, CRAFTED RENEWAL 14611, 12"X36"
- CPT 2 - WALK OFF CARPET — MANNINGTON COMMERCIAL, RUFFIAN II — EBONY EARTH 1506 24"X24"
- RB-1 RUBBER STAIR TREADS AND RISERS — JOHNSONNITE, SILVER GRAY 55, BAMBOO — STAIRS TO ALSO MATCH WALL BASE FOR BUILDING
- VCT, KITCHEN — TARKETT, VCT II — 522 STEEL WORKS W TA6 BEDROCK CG, 12"X12"
- TILE - CERAMIC FLOOR TILE — DALTILE, WANDERWISE, SWAN WW01 MATTE — 12"X24"

WALL PROTECTION LEGEND

- FRP 1 - ACROVYN WOODGRAINS (MATCH CLEAR MAPLE) — UP TO 3' WHERE SHOWN
- FRP 2 - ACROVYN SOLID PANEL (KITCHEN) — FULL HEIGHT OF WALL, SAGE GREEN 660
- FRP 3 - ACROVYN SOLID COLORS — UP TO 6' WHERE SHOWN, 927 FOLKSTONE

FINISH PLAN GENERAL NOTES

A. CONTRACTOR TO PREPARE + CLEAN ALL SURFACES PRIOR TO INSTALLING FINAL FINISHES AND PAINT

B. ALL WINDOWS TO HAVE SOLID SURFACE SILLS AND DRYWALL RETURNS FOR THREE SIDES.

C. GYP. WALL FINISH TO BE LIGHT ORANGE PEEL

D. SEALANT TO MATCH WALL COLOR

E. ALL TERMINATIONS OF CERAMIC TILE TO BE SCHLUTER TRIM, JOLLY PROFILE, SATIN NICKEL FINISH

F. PROVIDE SHADES AT EXTERIOR WINDOWS. PROVIDE BLINDS AT ALL INTERIOR CLASSROOM AND OFFICES.

G. ALL DOOR FRAMES TO BE PAINTED TO MATCH WALL BASE (MATCH JOHNSONITE, SILVER GREY 55)

H. PROVIDE BACKING THROUGHOUT BUILDING FOR WALL MOUNTED EQUIPMENT + MONITORS. CONTRACTOR TO COORDINATE WITH OWNER + ARCHITECT ON ADDITIONAL LOCATIONS.

I. CONTRACTOR TO VERIFY EXISTING SUBFLOOR/PLYWOOD IS ACCEPTABLE AND IN GOOD CONDITION. FLOORING TO BE APPLIED PER MFR RECOMMENDATIONS FOR FLOOR PREP AND ADHESIVES.

J. FOR ANY AREAS WHERE EXIST. DRYWALL TEXTURE TO REMAIN FEATHER IN NEW TEXTURE WHERE NEW MEETS OLD.

K. ADD COAT HOOKS ON THE BACK OF OFFICE DOORS

L. PAINT ALL INTERIOR HANDRAILS BLACK, P-7
PAINT THE GUARDRAIL OF STAIR 1 BLUE, P-6

FFE NOTES

THE FOLLOWING ARE ITEMS THAT ARE OWNER PROVIDED, CONTRACTOR INSTALLED:
REFRIGERATOR AND FREEZER (KITCHEN)
EXISTING SHELVING (ART ROOM/MUSIC STORAGE)
WALL MOUNTED TELEVISIONS/MONITORS
SMART BOARDS (YOUTH LEARNING CENTER)

THE FOLLOWING ARE ITEMS THAT ARE OWNER PROVIDED AND OWNER INSTALLED:
FURNITURE SHOWN FOR REFERENCE IN FINISH PLANS
GAMING SYSTEMS AND DEVICES
CHECK IN SCARS
PRINTERS, COPIERS, ETC.
KITCHEN STORAGE CUBBIES, SMALL APPLIANCES, SMALL STORAGE ITEMS
TRASH CANS

THE FOLLOWING ARE ITEMS THAT ARE CONTRACTOR PROVIDED AND INSTALLED:
BLINDS AND SHADES
CORNER GUARDS
TACK DISPLAY STRIPS
WHITE BOARDS WHERE SHOWN
VINYL WALL WRAPS (MAIN LOBBY AND TEEN ROOM)
TACK BOARDS

FINISH KEYNOTES

TB - TACK BOARD, 4'X4' (2 TOTAL)

DT - DISPLAY TRACK 4' SEGMENTS (ADVANTUS GRIP A STRIP DISPLAY RAIL)

CT 1 - QUARTZ COUNTERTOP

CT 2 - SOLID SURFACE COUNTERTOP

WH - WALL HOOK

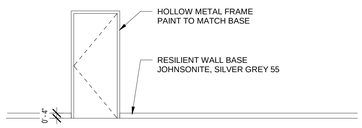
TV - WALL MOUNTED TV MONITOR (4 TOTAL)

AWP - ACOUSTIC WALL PANELS (MUSIC ROOM)

CG - CORNER GUARD (SHOWN RED)

WB - WHITE BOARD (4 TOTAL)

TYPICAL BASE/DOOR FRAME



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(970) 264-6064
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STATE OF COLORADO — CHRISTOPHER LOUIS REYNOLDS — REGISTERED ARCHITECT

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PRINT DATE: 9/1/2026 12:52:38 AM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

IF-103

INTERIOR FINISH ENLARGED PLAN ENLARGED

0 2.5' 5' 10'
0 2'

ROOM FINISH SCHEDULE

NO.	NAME	Wall Finish	Floor Finish	Base Finish	Ceiling Finish	CLG HEIGHT	COMMENTS
102	LOBBY	PNT, FRP 1	LVT-1	RB	WOOD ACOUSTIC	VARIES	
103	YOUTH GAMEROOM	PNT	LVT WOOD WITH ACCENTS	RB	WOOD ACOUSTIC	VARIES	
104	CORRIDOR	PNT, FRP 1	LVT-1	RB	ACT GRID	7'-10"	
105	ELEC.	PNT	LVT-1	RB	ACT GRID	7'-9"	
106	RISER/JAN.	PNT, FRP 3	LVT-1	RB	ACT GRID	7'-9"	
107	RR	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
108	OFFICE	PNT	CPT-1	RB	ACT GRID	7'-9"	
109	KITCHEN	PNT AND FRP	VCT	RB	VINYL ACT GRID	VARIES	
111	I.T.	PNT	LVT-1	RB	ACT GRID	7'-9"	
112	STAIR #01	PNT	RUBBER STAIR TREADS AND RISERS	RB	WOOD ACOUSTIC	VARIES	
113	CORRIDOR	PNT	LVT-1	RB	ACT GRID	7'-9"	
114	GIRLS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
115	BOYS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
116	YOUTH LEARNING CENTER	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
117	ART	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
118	STORAGE	PNT	LVT-1	RB	ACT GRID	7'-9"	
119	STORAGE	PNT	LVT-1	RB	ACT GRID	7'-9"	
120	STORAGE	PNT	LVT-1	RB	ACT GRID	7'-9"	
122	CORRIDOR	PNT	LVT-1	RB	ACT GRID	7'-9"	
123	GIRLS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
124	BOYS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
125	MAKERS SPACE	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
126	STORAGE	PNT	LVT-1	RB	GYP BOARD	VARIES	
127	LIFT	PNT	LVT WOOD	RB	NA	VARIES	
129	TEEN GAMEROOM	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
201	LOFT	PNT	CPT-1	RB	WOOD ACOUSTIC	VARIES	
202	CORRIDOR	PNT	CPT-1	RB	ACT GRID	8' 0"	
203	BREAK ROOM	PNT	LVT-1	RB	ACT GRID	VARIES	
204	EXECUTIVE OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	CLGS AS HIGH AS POSSIBLE
205	CONFERENCE	PNT	CPT-1	RB	ACT GRID	8' 0"	
205B	STORAGE	PNT	LVT-1	RB	GYP BOARD	VARIES	
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207	OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	
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210	STAFF RR	TILE AND PAINT	TILE	TILE	GYP BOARD	8' 0"	
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215	CORRIDOR	PNT	RUBBER STAIR TREADS AND RISERS	RB	ACT GRID	VARIES	
217	MECHANICAL PLATFORM	NA	NA	NA	NA	VARIES	

FINISH KEYNOTES

TB - TACK BOARD, 4'X4' (2 TOTAL)

DT - DISPLAY TRACK 4' SEGMENTS (ADVANTUS GRIP A STRIP DISPLAY RAIL)

CT 1 - QUARTZ COUNTERTOP

CT 2 - SOLID SURFACE COUNTERTOP

WH - WALL HOOK

TV - WALL MOUNTED TV MONITOR (4 TOTAL)

AWP - ACOUSTIC WALL PANELS (MUSIC ROOM)

CG - CORNER GUARD (SHOWN RED)

WB - WHITE BOARD (4 TOTAL)

FINISH PLAN GENERAL NOTES

A. CONTRACTOR TO PREPARE + CLEAN ALL SURFACES PRIOR TO INSTALLING FINAL FINISHES AND PAINT

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K. ADD COAT HOOKS ON THE BACK OF OFFICE DOORS

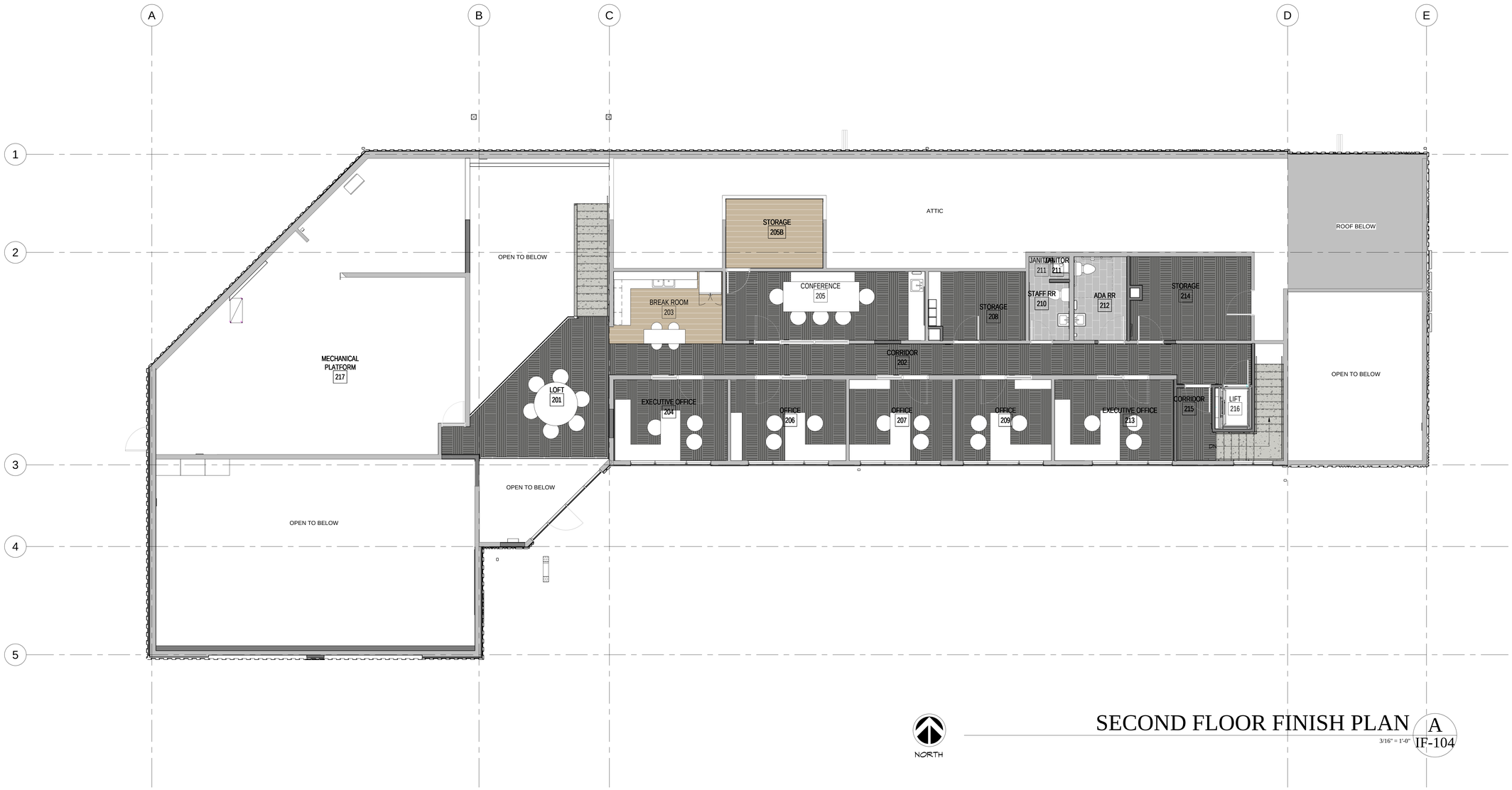
L. PAINT ALL INTERIOR HANDRAILS BLACK, P-7
PAINT THE GUARDRAIL OF STAIR 1 BLUE, P-6

FFE NOTES

THE FOLLOWING ARE ITEMS THAT ARE OWNER PROVIDED, CONTRACTOR INSTALLED:
REFRIGERATOR AND FREEZER (KITCHEN)
EXISTING SHELVING (ART ROOM/MUSIC STORAGE)
WALL MOUNTED TELEVISIONS/MONITORS
SMART BOARDS (YOUTH LEARNING CENTER)

THE FOLLOWING ARE ITEMS THAT ARE OWNER PROVIDED AND OWNER INSTALLED:
FURNITURE SHOWN FOR REFERENCE IN FINISH PLANS
GAMING SYSTEMS AND DEVICES
CHECK IN SCANNERS
PRINTERS, COPIERS, ETC.
KITCHEN STORAGE CUBBIES, SMALL APPLIANCES, SMALL STORAGE ITEMS
TRASH CANS

THE FOLLOWING ARE ITEMS THAT ARE CONTRACTOR PROVIDED AND INSTALLED:
BLINDS AND SHADES
CORNER GUARDS
TACK DISPLAY STRIPS
WHITE BOARDS WHERE SHOWN
VINYL WALL WRAPS (MAIN LOBBY AND TEEN ROOM)
TACK BOARDS



NORTH

SECOND FLOOR FINISH PLAN

3/16" = 1'-0"

A IF-104

REYNOLDS ASH + ASSOCIATES
ARCHITECTURE ENGINEERING

564 E. 2nd AVE SUITE 201
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PAGOSA SPRINGS, CO 81147
(970) 264-6064

610 STATE AVE, SUITE 210
ALAMOSA, CO 81101
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STATE OF COLORADO
LOUIS BENEDICT CARLSON
REGISTERED ARCHITECT

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PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

IF-104

INTERIOR FINISH FLOOR PLAN AND ROOM FINISH SCHEDULE

0 2.5 5' 10
0 2"

PRINT DATE: 9/1/2026 12:57:04 AM

ROOM FINISH SCHEDULE

NO.	NAME	Wall Finish	Floor Finish	Base Finish	Ceiling Finish	CLG HEIGHT	COMMENTS
102	LOBBY	PNT, FRP 1	LVT-1	RB	WOOD ACOUSTIC	VARIES	
103	YOUTH GAMEROOM	PNT	LVT WOOD WITH ACCENTS	RB	WOOD ACOUSTIC	VARIES	
104	CORRIDOR	PNT, FRP 1	LVT-1	RB	ACT GRID	7'-10"	
105	ELEC.	PNT	LVT-1	RB	ACT GRID	7'-9"	
106	RISER/JAN.	PNT, FRP 3	LVT-1	RB	ACT GRID	7'-9"	
107	RR	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
108	OFFICE	PNT	CPT-1	RB	ACT GRID	7'-9"	
109	KITCHEN	PNT AND FRP	VCT	RB	VINYL ACT GRID	VARIES	
111	I.T.	PNT	LVT-1	RB	ACT GRID	7'-9"	
112	STAIR #01	PNT	RUBBER STAIR TREADS AND RISERS	RB	WOOD ACOUSTIC	VARIES	
113	CORRIDOR	PNT	LVT-1	RB	ACT GRID	7'-9"	
114	GIRLS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
115	BOYS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
116	YOUTH LEARNING CENTER	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
117	ART	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
118	STORAGE	PNT	LVT-1	RB	ACT GRID	7'-9"	
119	STORAGE	PNT	LVT-1	RB	ACT GRID	7'-9"	
120	STORAGE	PNT	LVT-1	RB	ACT GRID	7'-9"	
122	CORRIDOR	PNT	LVT-1	RB	ACT GRID	7'-9"	
123	GIRLS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
124	BOYS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
125	MAKERS SPACE	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
126	STORAGE	PNT	LVT-1	RB	GYP BOARD	VARIES	
127	LIFT	PNT	LVT WOOD	RB	NA	VARIES	
129	TEEN GAMEROOM	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
201	LOFT	PNT	CPT-1	RB	WOOD ACOUSTIC	VARIES	
202	CORRIDOR	PNT	CPT-1	RB	ACT GRID	8' 0"	
203	BREAK ROOM	PNT	LVT-1	RB	ACT GRID	VARIES	
204	EXECUTIVE OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	CLGS AS HIGH AS POSSIBLE
205	CONFERENCE	PNT	CPT-1	RB	ACT GRID	8' 0"	
205B	STORAGE	PNT	LVT-1	RB	GYP BOARD	VARIES	
206	OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	
207	OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	
208	STORAGE	PNT	CPT-1	RB	ACT GRID	8' 0"	
209	OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	
210	STAFF RR	TILE AND PAINT	TILE	TILE	GYP BOARD	8' 0"	
211	JANITOR	TILE AND PAINT	TILE	TILE	GYP BOARD	8' 0"	
212	ADA RR	TILE AND PAINT	TILE	TILE	GYP BOARD	8' 0"	
213	EXECUTIVE OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	
214	STORAGE	PNT	CPT-1	RB	ACT GRID	8' 0"	
215	CORRIDOR	PNT	RUBBER STAIR TREADS AND RISERS	RB	ACT GRID	VARIES	
217	MECHANICAL PLATFORM	NA	NA	NA	NA	VARIES	

PAINT LEGEND

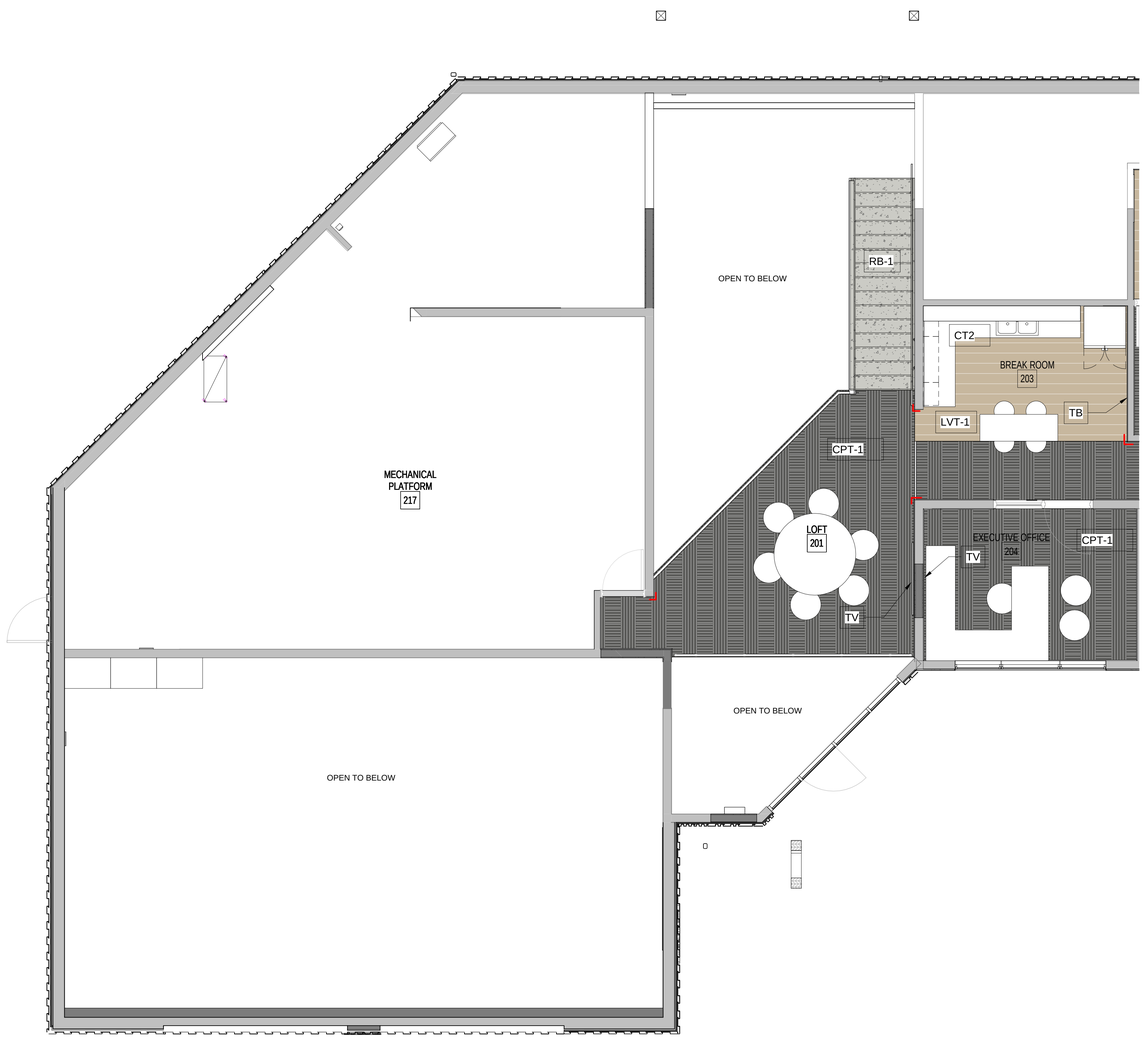
- P1 - FIELD
  SW 9546 LUNAR LITE
  ALL WALLS ARE P1 UNO
- P2 - ACCENT
  SW 9690 MOUNTAIN FIG
- P3 - ACCENT
  SW 0072 DEEP MAROON
- P4 - ACCENT
  SW 9659 MARINE
- P5 - ACCENT
  SW 2854 CARIBBEAN CORAL
- P6 - ACCENT
  SW SILKEN PEACOCK 9059
- P7 - MISC METALS/TRIM/ACCENT
  SW 6258 TRICORN BLACK

FLOOR FINISH MATERIAL LEGEND

- LVT 1 - FIELD COLOR, WOOD LOOK
  MANNINGTON COMMERCIAL, SPACIA, SPRING MAPLE 7.25" X 48"
- LVT 2 - ACCENT
  MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE
  TRUFFLE C167
- LVT 3 - ACCENT
  MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE
  GRANNY SMITH C175
- LVT 4 - ACCENT
  MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE
  BUZZY YELLOW C124
- LVT 5 - ACCENT
  MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE
  MILK THISTLE C121
- LVT 6, ACCENT
  MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE
  RHUBARB PIE C122
- CPT 1 - FIELD COLOR, SECOND FLOOR OFFICE AREA
  MANNINGTON COMMERCIAL, ARIE, DAPPER DIALOGUE,
  CRAFTED RENEWAL 14611, 12"X36"
- CPT 2 - WALK OFF CARPET
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- RB-1 RUBBER STAIR TREADS AND RISERS
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  STAIRS TO ALSO MATCH WALL BASE FOR BUILDING
- VCT, KITCHEN
  TARKETT, VCT II
  522 STEEL WORKS W TA6 BEDROCK CG, 12"X12"
- TILE - CERAMIC FLOOR TILE
  DALTILE, WANDERWISE, SWAN WW01 MATTE
  12"X24"

WALL PROTECTION LEGEND

- FRP 1 - ACROVYN WOODGRAINS (MATCH CLEAR MAPLE)
  UP TO 3' WHERE SHOWN
- FRP 2 - ACROVYN SOLID PANEL (KITCHEN)
  FULL HEIGHT OF WALL, SAGE GREEN 660
- FRP 3 - ACROVYN SOLID COLORS
  UP TO 6' WHERE SHOWN, 927 FOLKSTONE



NORTH

SECOND FLOOR FINISH PLAN - ENLARGED

1/4" = 1'-0"

1 IF-105

FINISH PLAN GENERAL NOTES

A. CONTRACTOR TO PREPARE + CLEAN ALL SURFACES PRIOR TO INSTALLING FINAL FINISHES AND PAINT

B. ALL WINDOWS TO HAVE SOLID SURFACE SILLS AND DRYWALL RETURNS FOR THREE SIDES.

C. GYP. WALL FINISH TO BE LIGHT ORANGE PEEL

D. SEALANT TO MATCH WALL COLOR

E. ALL TERMINATIONS OF CERAMIC TILE TO BE SCHLUTER TRIM, JOLLY PROFILE, SATIN NICKEL FINISH

F. PROVIDE SHADES AT EXTERIOR WINDOWS. PROVIDE BLINDS AT ALL INTERIOR CLASSROOM AND OFFICES.

G. ALL DOOR FRAMES TO BE PAINTED TO MATCH WALL BASE (MATCH JOHNSONITE, SILVER GREY 55)

H. PROVIDE BACKING THROUGHOUT BUILDING FOR WALL MOUNTED EQUIPMENT + MONITORS, CONTRACTOR TO COORDINATE WITH OWNER + ARCHITECT ON ADDITIONAL LOCATIONS.

I. CONTRACTOR TO VERIFY EXISTING SUBFLOOR/PLYWOOD IS ACCEPTABLE AND IN GOOD CONDITION. FLOORING TO BE APPLIED PER MFR RECOMMENDATIONS FOR FLOOR PREP AND ADHESIVES.

J. FOR ANY AREAS WHERE EXIST. DRYWALL TEXTURE TO REMAIN FEATHER IN NEW TEXTURE WHERE NEW MEETS OLD.

K. ADD COAT HOOKS ON THE BACK OF OFFICE DOORS

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PAINT THE GUARDRAIL OF STAIR 1 BLUE, P-6

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THE FOLLOWING ARE ITEMS THAT ARE CONTRACTOR PROVIDED AND INSTALLED:
BLINDS AND SHADES
CORNER GUARDS
TACK DISPLAY STRIPS
WHITE BOARDS WHERE SHOWN
VINYL WALL WRAPS (MAIN LOBBY AND TEEN ROOM)
TACK BOARDS

FINISH KEYNOTES

TB - TACK BOARD, 4'X4' (2 TOTAL)

DT - DISPLAY TRACK 4' SEGMENTS (ADVANTUS GRIP A STRIP DISPLAY RAIL)

CT 1 - QUARTZ COUNTERTOP

CT 2 - SOLID SURFACE COUNTERTOP

WH - WALL HOOK

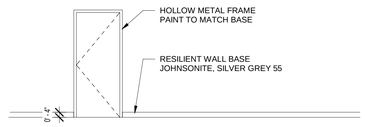
TV - WALL MOUNTED TV MONITOR (4 TOTAL)

AWP - ACOUSTIC WALL PANELS (MUSIC ROOM)

CG - CORNER GUARD (SHOWN RED)

WB - WHITE BOARD (4 TOTAL)

TYPICAL BASE/DOOR FRAME



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REYNOLDS ASH + ASSOCIATES
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STATE OF COLORADO
LOUIS ERNEST REYNOLDS
REGISTERED ARCHITECT

9/1/2026 12:53:15 AM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **25190**
ISSUE DATE: **2026-08-31**
DRAWN BY: **LES**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

IF-105

INTERIOR FINISH FLOOR PLAN ENLARGED

0 2.5 5 10'
0 2'

ROOM FINISH SCHEDULE

NO.	NAME	Wall Finish	Floor Finish	Base Finish	Ceiling Finish	CLG HEIGHT	COMMENTS
102	LOBBY	PNT, FRP 1	LVT-1	RB	WOOD ACOUSTIC	VARIES	
103	YOUTH GAMEROOM	PNT	LVT WOOD WITH ACCENTS	RB	WOOD ACOUSTIC	VARIES	
104	CORRIDOR	PNT, FRP 1	LVT-1	RB	ACT GRID	7'-10"	
105	ELEC.	PNT	LVT-1	RB	ACT GRID	7'-9"	
106	RISER/JAN.	PNT, FRP 3	LVT-1	RB	ACT GRID	7'-9"	
107	RR	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
108	OFFICE	PNT	CPT-1	RB	ACT GRID	7'-9"	
109	KITCHEN	PNT AND FRP	VCT	RB	VINYL ACT GRID	VARIES	
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115	BOYS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
116	YOUTH LEARNING CENTER	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
117	ART	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
118	STORAGE	PNT	LVT-1	RB	ACT GRID	7'-9"	
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123	GIRLS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
124	BOYS	TILE AND PAINT	TILE	TILE	GYP BOARD	7'-9"	
125	MAKERS SPACE	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
126	STORAGE	PNT	LVT-1	RB	GYP BOARD	VARIES	
127	LIFT	PNT	LVT WOOD	RB	NA	VARIES	
129	TEEN GAMEROOM	PNT	LVT WOOD WITH ACCENTS	RB	ACT GRID	7'-9"	
201	LOFT	PNT	CPT-1	RB	WOOD ACOUSTIC	VARIES	
202	CORRIDOR	PNT	CPT-1	RB	ACT GRID	8' 0"	
203	BREAK ROOM	PNT	LVT-1	RB	ACT GRID	VARIES	
204	EXECUTIVE OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	CLGS AS HIGH AS POSSIBLE
205	CONFERENCE	PNT	CPT-1	RB	ACT GRID	8' 0"	
205B	STORAGE	PNT	LVT-1	RB	GYP BOARD	VARIES	
206	OFFICE	PNT	CPT-1	RB	ACT GRID	8' 0"	
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215	CORRIDOR	PNT	RUBBER STAIR TREADS AND RISERS	RB	ACT GRID	VARIES	
217	MECHANICAL PLATFORM	NA	NA	NA	NA	VARIES	

PAINT LEGEND

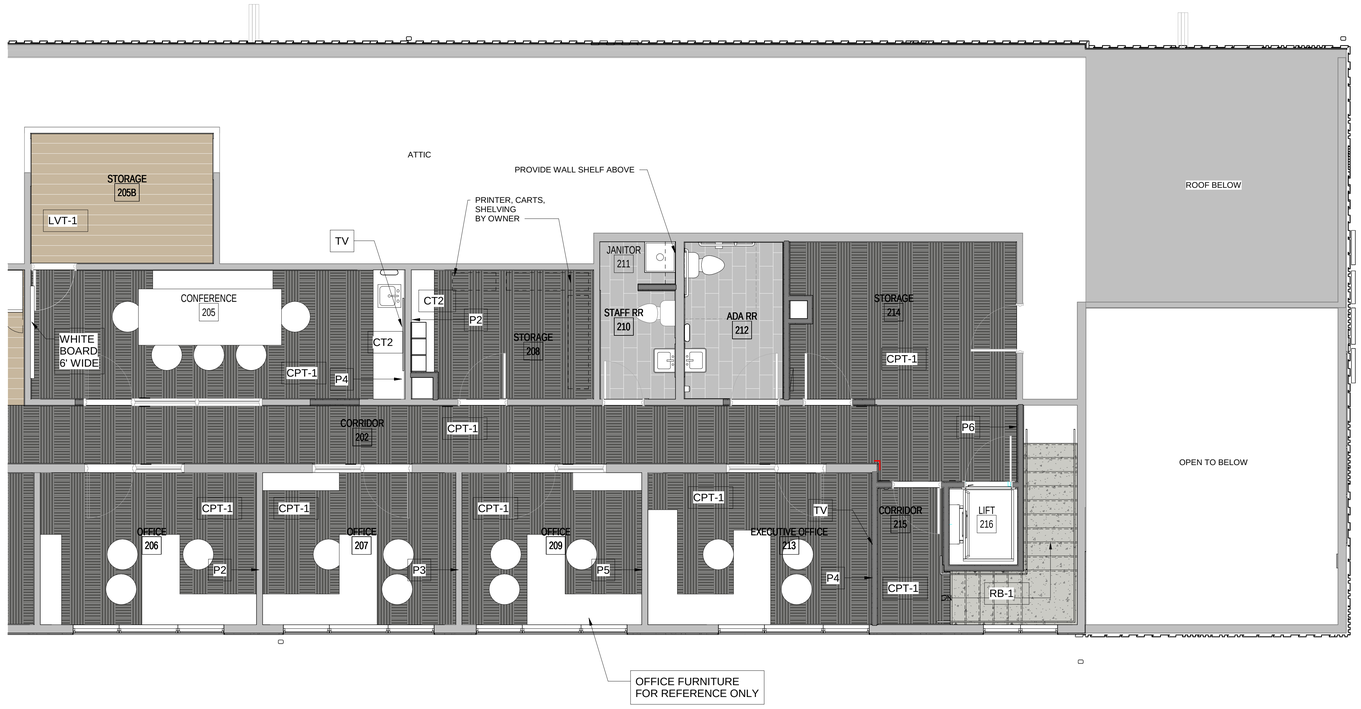
- P1 - FIELD
  SW 9546 LUNAR LITE
  ALL WALLS ARE P1 UNO
- P2 - ACCENT
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- P3 - ACCENT
  SW 0072 DEEP MAROON
- P4 - ACCENT
  SW 9659 MARINE
- P5 - ACCENT
  SW 2854 CARIBBEAN CORAL
- P6 - ACCENT
  SW SILKEN PEACOCK 9059
- P7 - MISC METALS/TRIM/ACCENT
  SW 6258 TRICORN BLACK

FLOOR FINISH MATERIAL LEGEND

- LVT 1 - FIELD COLOR, WOOD LOOK
  MANNINGTON COMMERCIAL, SPACIA, SPRING MAPLE 7.25" X 48"
- LVT 2 - ACCENT
  MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE
  TRUFFLE C167
- LVT 3 - ACCENT
  MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE
  GRANNY SMITH C175
- LVT 4 - ACCENT
  MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE
  BUZZY YELLOW C124
- LVT 5 - ACCENT
  MANNINGTON COMMERCIAL, COLOR ANCHOR, STRIDE
  MILK THISTLE C121
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- FRP 1 - ACROVYN WOODGRAINS (MATCH CLEAR MAPLE)
  UP TO 3' WHERE SHOWN
- FRP 2 - ACROVYN SOLID PANEL (KITCHEN)
  FULL HEIGHT OF WALL, SAGE GREEN 660
- FRP 3 - ACROVYN SOLID COLORS
  UP TO 6' WHERE SHOWN, 927 FOLKSTONE



NORTH

SECOND FLOOR FINISH PLAN - ENLARGED

1/4" = 1'-0"

1
IF-106

FINISH PLAN GENERAL NOTES

A. CONTRACTOR TO PREPARE + CLEAN ALL SURFACES PRIOR TO INSTALLING FINAL FINISHES AND PAINT

B. ALL WINDOWS TO HAVE SOLID SURFACE SILLS AND DRYWALL RETURNS FOR THREE SIDES.

C. GYP. WALL FINISH TO BE LIGHT ORANGE PEEL

D. SEALANT TO MATCH WALL COLOR

E. ALL TERMINATIONS OF CERAMIC TILE TO BE SCHLUTER TRIM, JOLLY PROFILE, SATIN NICKEL FINISH

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CORNER GUARDS
TACK DISPLAY STRIPS
WHITE BOARDS WHERE SHOWN
VINYL WALL WRAPS (MAIN LOBBY AND TEEN ROOM)
TACK BOARDS

FINISH KEYNOTES

TB - TACK BOARD, 4'X4' (2 TOTAL)

DT - DISPLAY TRACK 4' SEGMENTS (ADVANTUS GRIP A STRIP DISPLAY RAIL)

CT 1 - QUARTZ COUNTERTOP

CT 2 - SOLID SURFACE COUNTERTOP

WH - WALL HOOK

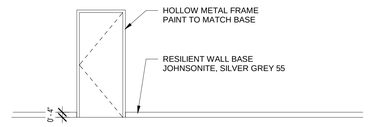
TV - WALL MOUNTED TV MONITOR (4 TOTAL)

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CG - CORNER GUARD (SHOWN RED)

WB - WHITE BOARD (4 TOTAL)

TYPICAL BASE/DOOR FRAME



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LOUIS REYNOLDS ASH
REGISTERED ARCHITECT

9/1/2026 12:53:33 AM

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

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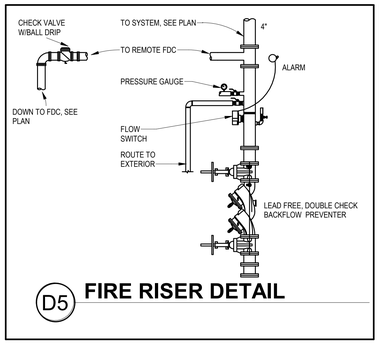
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INTERIOR FINISH FLOOR PLAN ENLARGED

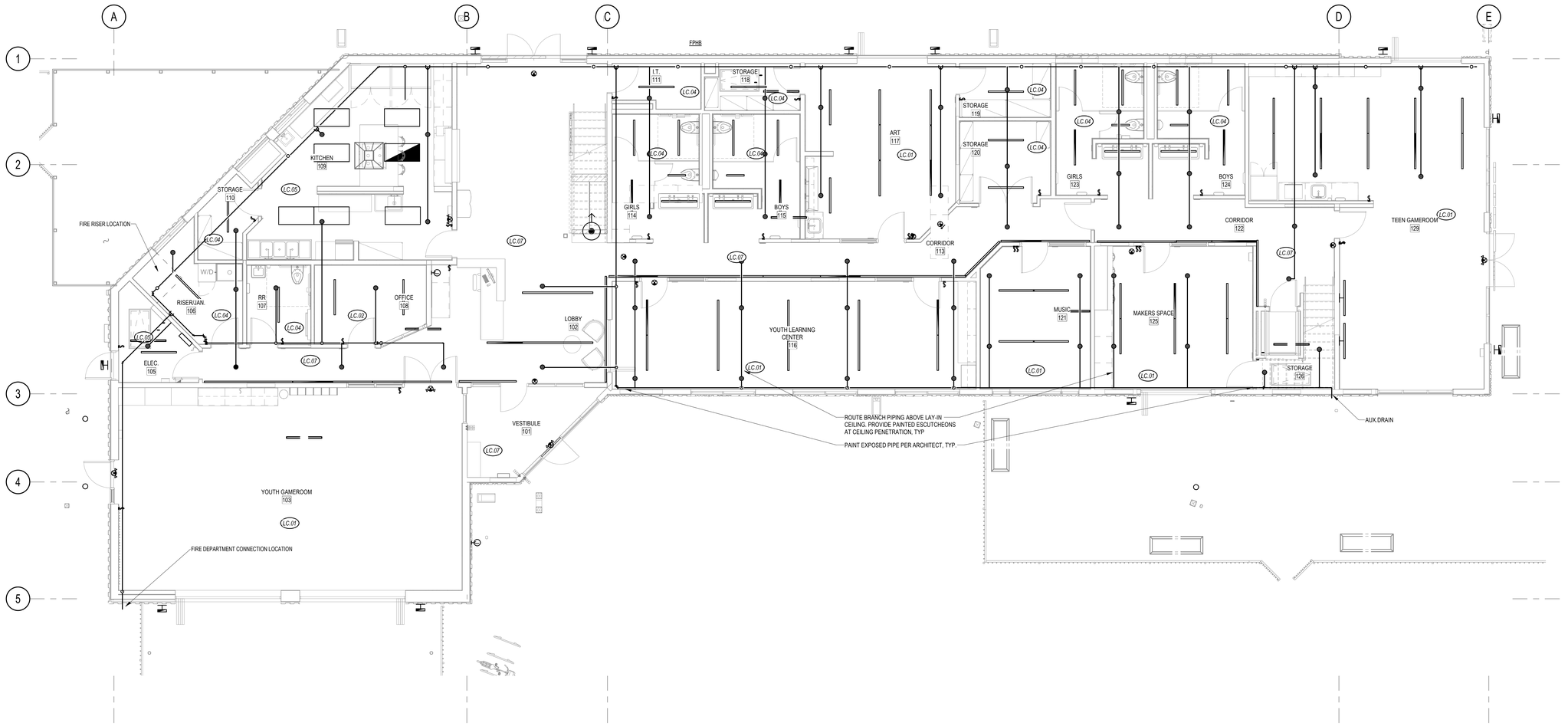
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D5 **FIRE RISER DETAIL**

FIRE PROTECTION BID NOTES

1	FIRE PROTECTION DRAWINGS TO BE COMPLETED BY SUCCESSFUL CONTRACTOR AS PART OF DEFERRED SUBMITTAL UNDER PERFORMANCE SPECIFICATION. FIRE PROTECTION CONTRACTOR SHALL PROVIDE FULL SYSTEM DESIGN REQUIRED BY CODE. THESE DRAWINGS ARE TO INDICATE KNOWN SCOPE, DESIGN PARAMETERS, AND CODE REQUIREMENTS AS OF THE DATE INDICATED IN THE STAMP BLOCK. ALL QUESTIONS SHALL BE SUBMITTED TO EOR DURING BIDDING. SUCCESSFUL CONTRACTOR SHALL PREPARE DEFERRED SUBMITTAL DRAWINGS AND EQUIPMENT SUBMITTALS FOR AHJ AND EOR REVIEW DURING SUBMITTAL PHASE. SEE SPECIFICATIONS.
2	SEE ARCHITECTURAL SHEETS FOR BUILDING CONSTRUCTION AND OCCUPANCY INFORMATION.



N A1 **FIRE PROTECTION PLAN - MAIN LEVEL**

3/16" = 1'-0"

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DEFERRED SUBMITTAL

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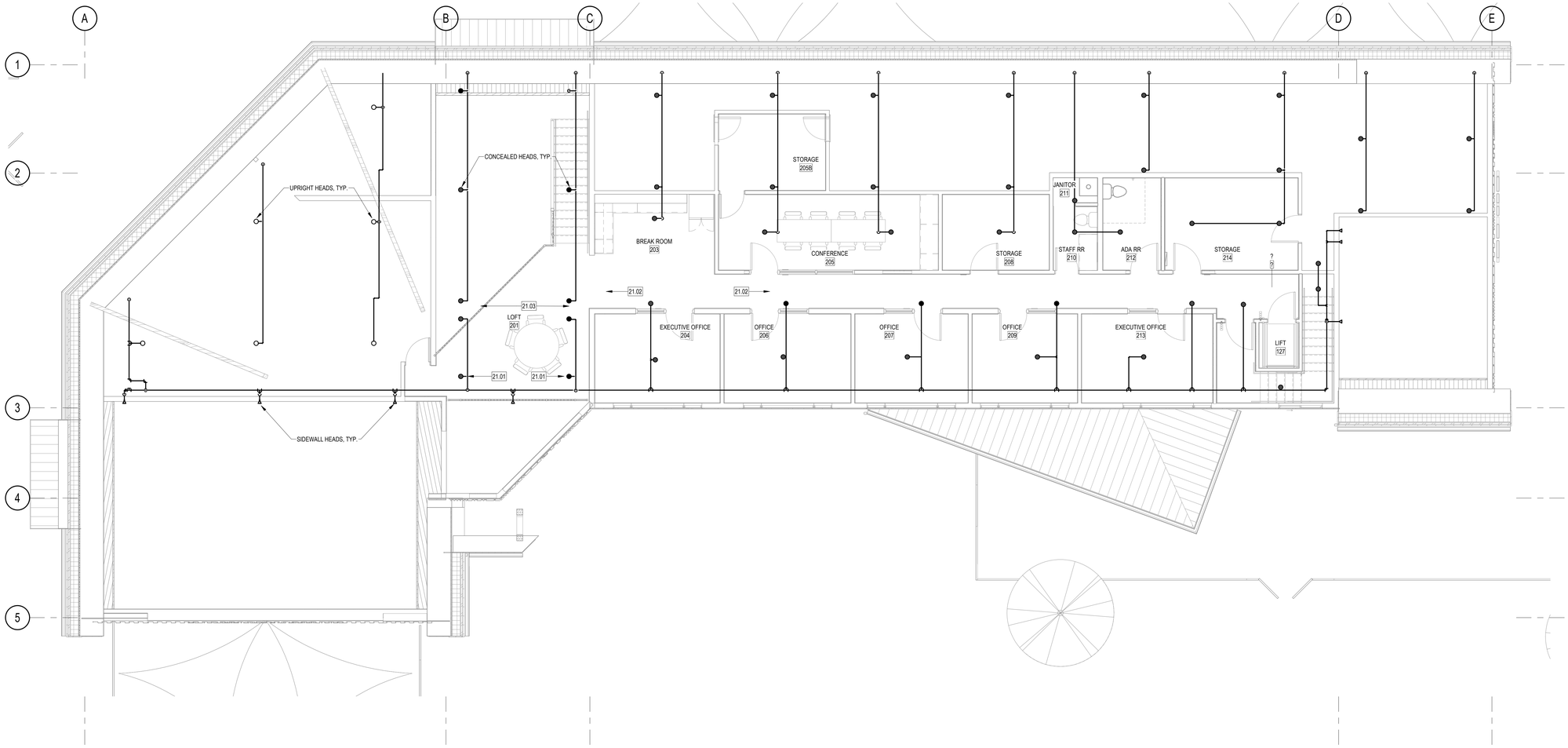
FIRE PROTECTION - MAIN LEVEL

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2	SEE ARCHITECTURAL SHEETS FOR BUILDING CONSTRUCTION AND OCCUPANCY INFORMATION.

KEYED NOTES

21.01	MAINTAIN 8'-0" MINIMUM BETWEEN FIRE SPRINKLER HEADS IN THE LOFT.
21.02	PROVIDE AIR VENTS AT THE HIGH POINTS WITHIN THE SYSTEM.
21.03	STRADDLE RIDGE BEAM WITH SPRINKLER COVERAGE.



FIRE PROTECTION PLAN - UPPER LEVEL

3/16" = 1'-0"

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FIRE PROTECTION - UPPER LEVEL

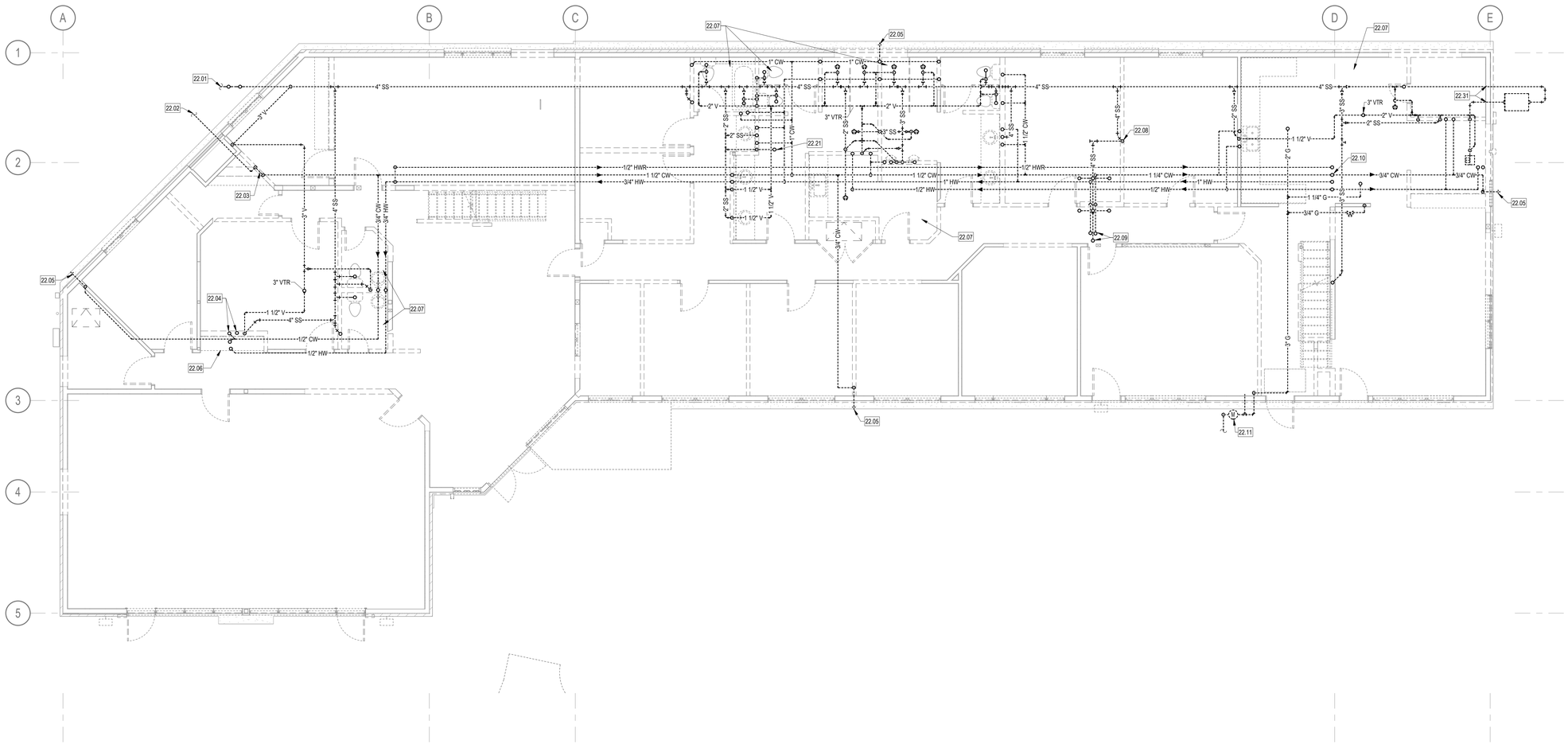
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PLUMBING DEMOLITION NOTES

1	ALL SANITARY SEWER AND DOMESTIC WATER PIPING SHOWN ON THIS PLAN IS LOCATED IN THE CRAWLSPACE UNLESS NOTED OTHERWISE ON PLANS.
2	REMOVE ALL PIPING IN THE CRAWLSPACE UNLESS NOTED OTHERWISE ON PLANS.
3	REMOVE ALL VENT PIPING IN THE BUILDING UNLESS NOTED OTHERWISE ON PLANS.
4	REMOVE ALL GAS PIPING IN THE BUILDING UNLESS NOTED OTHERWISE ON PLANS.

KEYED NOTES

22.01	ABANDON EXISTING 4" SS SERVING THE BUILDING. REMOVE ALL SS PIPE IN CRAWLSPACE. CAP AND SEAL OPEN END OF SEWER PIPE AT EXTERIOR WALL. SEE PLUMBING PLANS FOR LOCATION OF NEW SEWER SERVICE.
22.02	ABANDON EXISTING 1-1/2" CW SERVING BUILDING. SEE PLUMBING PLANS FOR LOCATION OF NEW WATER SERVICE.
22.03	REMOVE EXISTING 1-1/2" CW SHUTOFF VALVE AND PIPING IN WALL.
22.04	REMOVE CW AND DRAIN LINES SERVING EVAPORATIVE COOLERS ON FLOOR ABOVE.
22.05	REMOVE EXISTING HOSE BIBB.
22.06	REMOVE EXISTING SINK AND DRINKING FOUNTAIN
22.07	REMOVE ALL PLUMBING FIXTURES IN THIS ROOM.
22.08	REMOVE SEWER DROP IN WALL. SEE PLUMBING PLANS FOR NEW LOCATION.
22.09	REMOVE EXISTING SEWER AND WATER LINES LOCATED IN CEILING SERVING RESTROOMS ABOVE.
22.10	REMOVE EXISTING CW, HW, AND HWR LINES UP TO UPPER LEVEL.
22.11	EXISTING GAS SERVICE TO BE RELOCATED. SEE PLUMBING PLANS FOR NEW LOCATION.
22.21	REMOVE SS PIPING ABOVE CEILING FROM FLOOR DRAIN ABOVE.
22.31	ABANDON EXISTING GREASE WASTE AND SEWER LINES OUTSIDE OF BUILDING. CAP AND SEAL LINES AT EXTERIOR CRAWLSPACE WALL. REMOVE ALL LINES IN CRAWLSPACE.



N A1 **PLUMBING DEMOLITION PLAN - MAIN LEVEL**

3/16" = 1'-0"

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COLORADO LICENSED PROFESSIONAL ENGINEER 59843 Jason Bowman

2026-08-28

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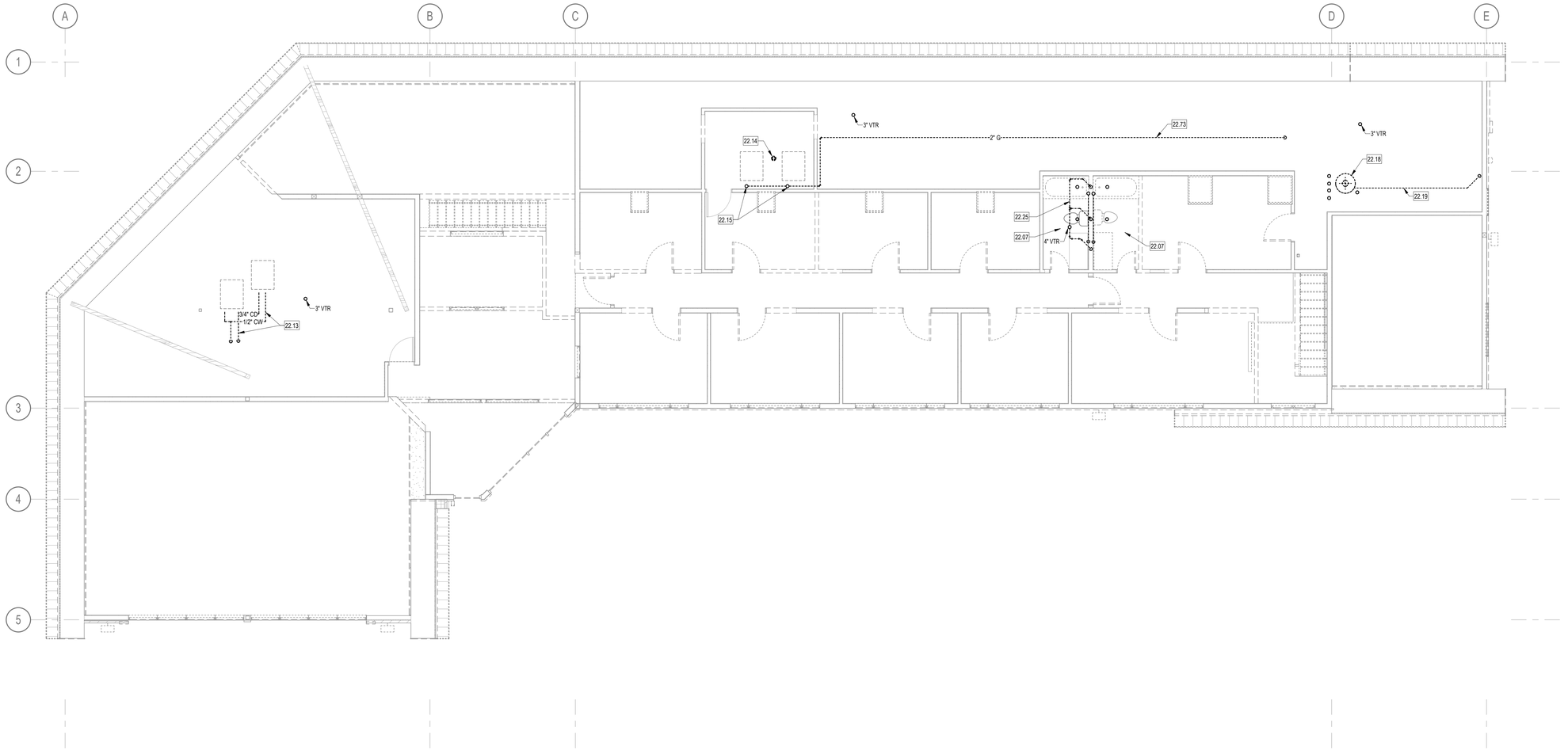
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PLUMBING DEMOLITION PLAN - MAIN LEVEL

KEYED NOTES

22.07	REMOVE ALL PLUMBING FIXTURES IN THIS ROOM.
22.13	REMOVE FILL AND DRAIN ASSEMBLIES FOR EVAPORATOR COOLERS.
22.14	REMOVE EXISTING FLOOR DRAIN. SEE ARCH FOR PATCH AND REPAIR OF FLOOR.
22.15	REMOVE ALL GAS PIPING IN THE ATTIC SERVING EXISTING BOILERS.
22.18	REMOVE EXISTING WATER HEATER, FLUE, AND ALL WATER AND GAS CONNECTIONS.
22.19	REMOVE EXISTING WATER HEATER DRAIN PIPING.
22.25	REMOVE ALL VENT PIPING ON THIS LEVEL AND ALL VENTS THROUGH THE ROOF.
22.73	REMOVE ALL GAS PIPING.



N A1 **PLUMBING DEMOLITION PLAN - UPPER LEVEL**

3/16" = 1'-0"

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2026-08-28

PROJECT TEAM:

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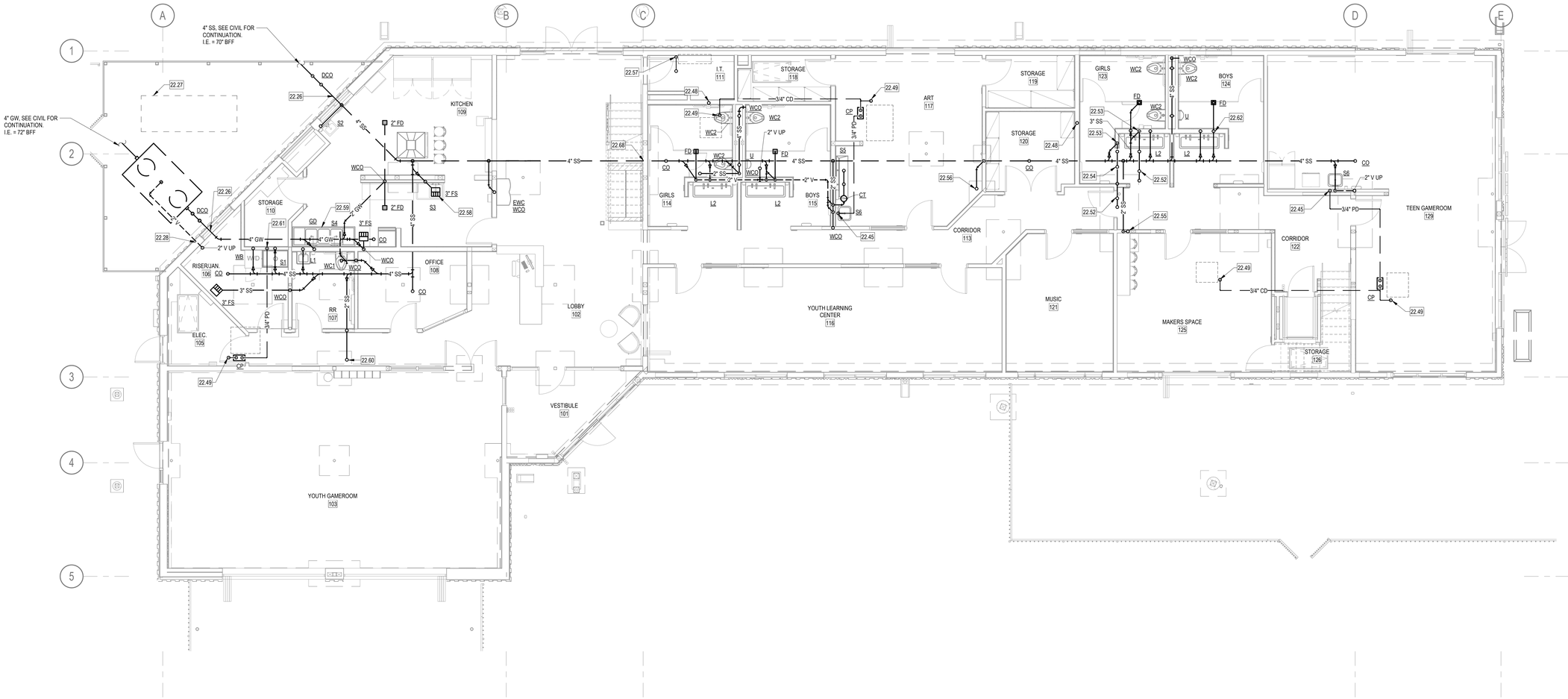
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PLUMBING DEMOLITION PLAN - UPPER LEVEL

KEYED NOTES

22.26	ROUTE SEWER PIPE BELOW FOOTER. MAINTAIN 6" VOID SPACE BETWEEN BOTTOM OF FOOTER AND TOP OF SEWER PIPE.
22.27	CHILLER BY OTHERS. AVOID ROUTING ANY UNDERGROUND PIPING BENEATH CHILLER FOOTPRINT. SEE MECHANICAL.
22.28	SLEEVE VENT PIPE THROUGH STEM WALL. SEE STRUCTURAL FOR DETAILS. COORDINATE WITH G.C.
22.45	ROUTE 3/4" PRESSURIZED DISCHARGE UP FROM CRAWLSPACE TO SINK. TERMINATE WITH DRAIN AIR GAP FITTING CONNECTED TO SINK DRAIN PIPING.
22.48	PROVIDE 4" PVC RISER FROM CRAWLSPACE UP THROUGH ROOF FOR RADON MITIGATION. ALL CONNECTIONS TO RADON MITIGATION SYSTEM IN CRAWLSPACE BY RADON MITIGATION CONTRACTOR.
22.49	PROVIDE 3/4" CD CONNECTION TO FAN COIL AND P-TRAP. SEE DETAIL. FAN COIL LOCATED IN CRAWLSPACE AND PROVIDED BY OTHERS.
22.52	3"SS DOWN FROM WATER CLOSET ABOVE. ROUTE BETWEEN JOISTS.
22.53	3"SS DOWN IN WALL TO CRAWLSPACE. PROVIDE WALL CLEANOUT.
22.54	2"SS DOWN FROM MOP SINK ABOVE. ROUTE BETWEEN JOISTS ABOVE 3"SS MAIN. ROUTE 2"V UP AND 2"SS DOWN TO TIE INTO 3" SS MAIN IN CEILING.
22.55	2"SS DOWN FROM LAVATORIES ABOVE. CONTINUE DOWN TO CRAWLSPACE. ROUTE BETWEEN FLOOR JOISTS ABOVE BEAMS TO MAIN.
22.56	2"SS DOWN FROM SINK ABOVE. ROUTE THROUGH CEILING JOISTS TO WALL AND DOWN TO CRAWLSPACE.
22.57	PROVIDE 3/4"CD CONNECTION TO WALL MOUNTED FAN COIL CONDENSATE PUMP OUTLET. ROUTE UP TO ATTIC ABOVE. FAN COIL AND CONDENSATE PUMP BY OTHERS.
22.58	ROUTE 2" INDIRECT WASTE LINE FROM SINK OUTLET TO FLOOR SINK. TERMINATE WITH AIR GAP.
22.59	PROVIDE GARBAGE DISPOSAL LINDER ONE COMPARTMENT ON 3-COMPARTMENT SINK AND HARD PIPE TO SEWER SYSTEM. PROVIDE 2" INDIRECT WASTE FOR OTHER 2 COMPARTMENTS AND ROUTE TO FLOOR SINK. SEE DETAIL.
22.60	2"SS FROM FLOOR SINK ABOVE. ROUTE TO WALL AND DOWN TO CRAWLSPACE BELOW. ROUTE VENT UP TO ATTIC.
22.61	3/4"PD UP FROM CRAWLSPACE. TERMINATE AT MOP SINK WITH ELBOW TURNED DOWN AND AIR GAP.
22.62	2"V RISE FROM FLOOR DRAIN IN WALL. PROVIDE WALL CLEANOUT. TYP.
22.68	COORDINATE PIPE PENETRATION THROUGH PONY WALL WITH STRUCTURAL.



PLUMBING PLAN - SEWER AND VENT - MAIN LEVEL

3/16" = 1'-0"

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Jason Ash

2026-08-28

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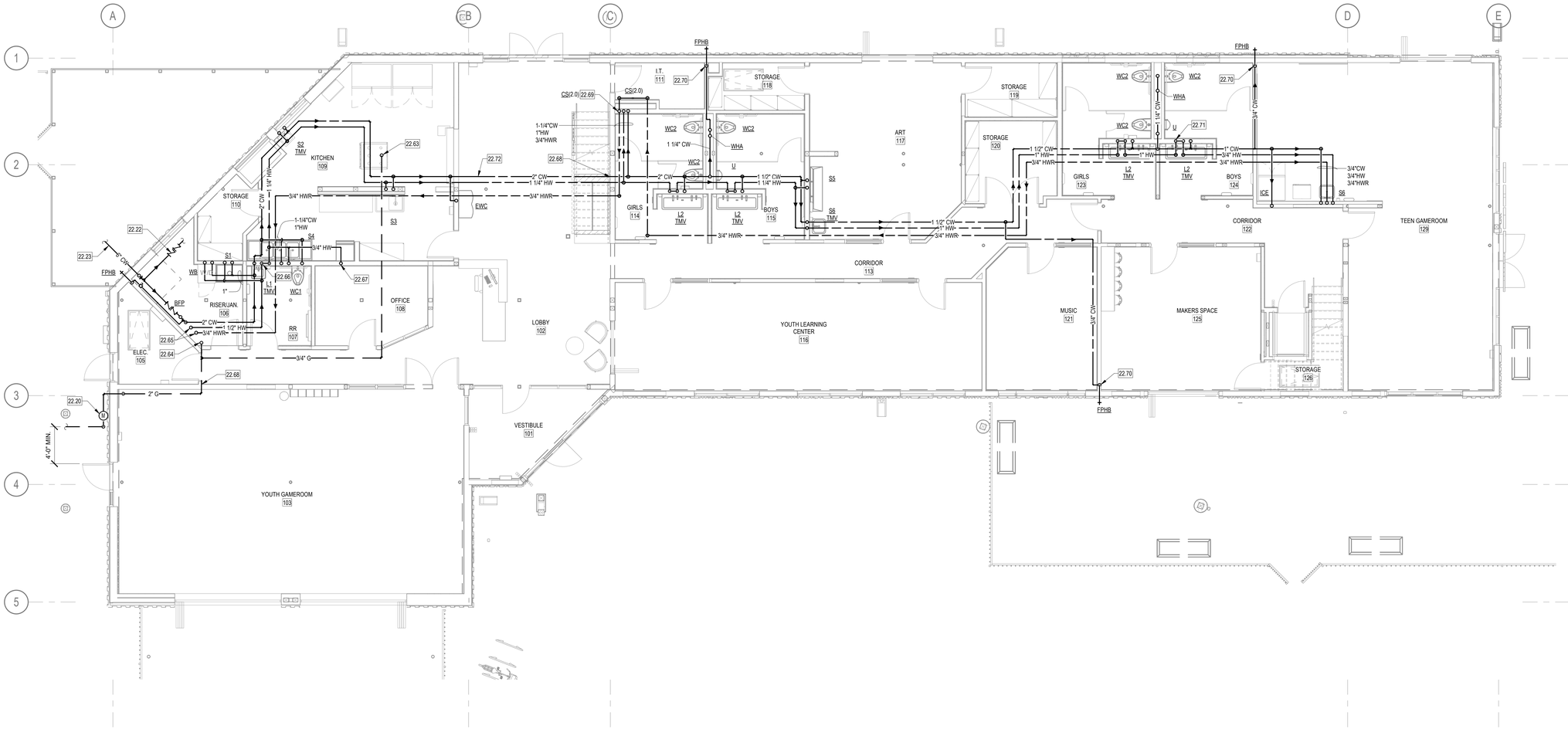
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PLUMBING SEWER AND VENT - MAIN LEVEL

KEYED NOTES

22.20	NEW GAS SERVICE AND METER BY OTHERS. MAINTAIN MIN. 4' BETWEEN SERVICE REGULATOR AND ANY OPENINGS INTO BUILDING. TOTAL EXPECTED LOAD IS 950 MBH. DOWNSTREAM OF METER PROVIDE 2" G INTO BUILDING ABOVE GRADE. ONCE INSIDE BUILDING ROUTE DOWN TO CRAWLSPACE. COORDINATE WITH ARCHITECTURAL CASEWORK.
22.22	ROUTE 1" CW LINE TO IRRIGATION CONNECTION. SEE WATER ENTRY DETAIL FOR MORE INFORMATION. BACKFLOW PREVENTER BY OTHERS, SEE IRRIGATION PLANS FOR CONTINUATION.
22.23	6" FIRE LINE INTO BUILDING BELOW FOOTER. SEE DETAIL. SEE CIVIL FOR CONTINUATION ON SITE. SEE WATER ENTRY DETAIL AND FIRE PROTECTION SHOP DRAWINGS (DEFERRED SUBMITTAL) FOR CONTINUATION INSIDE OF BUILDING.
22.63	3/4"G UP FROM CRAWLSPACE TO RANGE.
22.64	2"G UP FROM CRAWLSPACE UP TO UPPER LEVEL ATTIC.
22.65	1-1/2"HW AND 3/4"HWR UP TO ATTIC ABOVE.
22.66	1-1/2"HW UP TO LAVATORY AND 1-1/2" HW BACK DOWN TO CRAWLSPACE. MAKE CONNECTION TO LAVATORY PER IECC REQUIREMENTS, SEE DETAIL.
22.67	3/4"HW UP TO DISHWASHER.
22.68	COORDINATE PIPE PENETRATION THROUGH PONY WALL WITH STRUCTURAL.
22.69	1-1/4"CW, 1"HW, AND 3/4"HWR UP FROM CRAWLSPACE TO ATTIC. PROVIDE BALL VALVES ON CW AND HW LINES AND CIRCUIT SETTER ON HWR LINE IN GIRLS RESTROOM WALL WITH ACCESS PANEL.
22.70	3/4"CW UP FROM CRAWLSPACE TO HOSE BIBB. PROVIDE BALL VALVE IN WALL WITH ACCESS PANEL.
22.71	HW UP FROM CRAWLSPACE, MAKE CONNECTION TO LAVATORIES PER IECC REQUIREMENTS, AND CONTINUE HW BACK DOWN TO CRAWLSPACE. SEE DETAIL. TYP.
22.72	ALL DOMESTIC WATER PIPING ROUTED IN CRAWLSPACE UNLESS NOTED OTHERWISE.



N A1 **PLUMBING PLAN - DOMESTIC WATER AND GAS - MAIN LEVEL**

3/16" = 1'-0"

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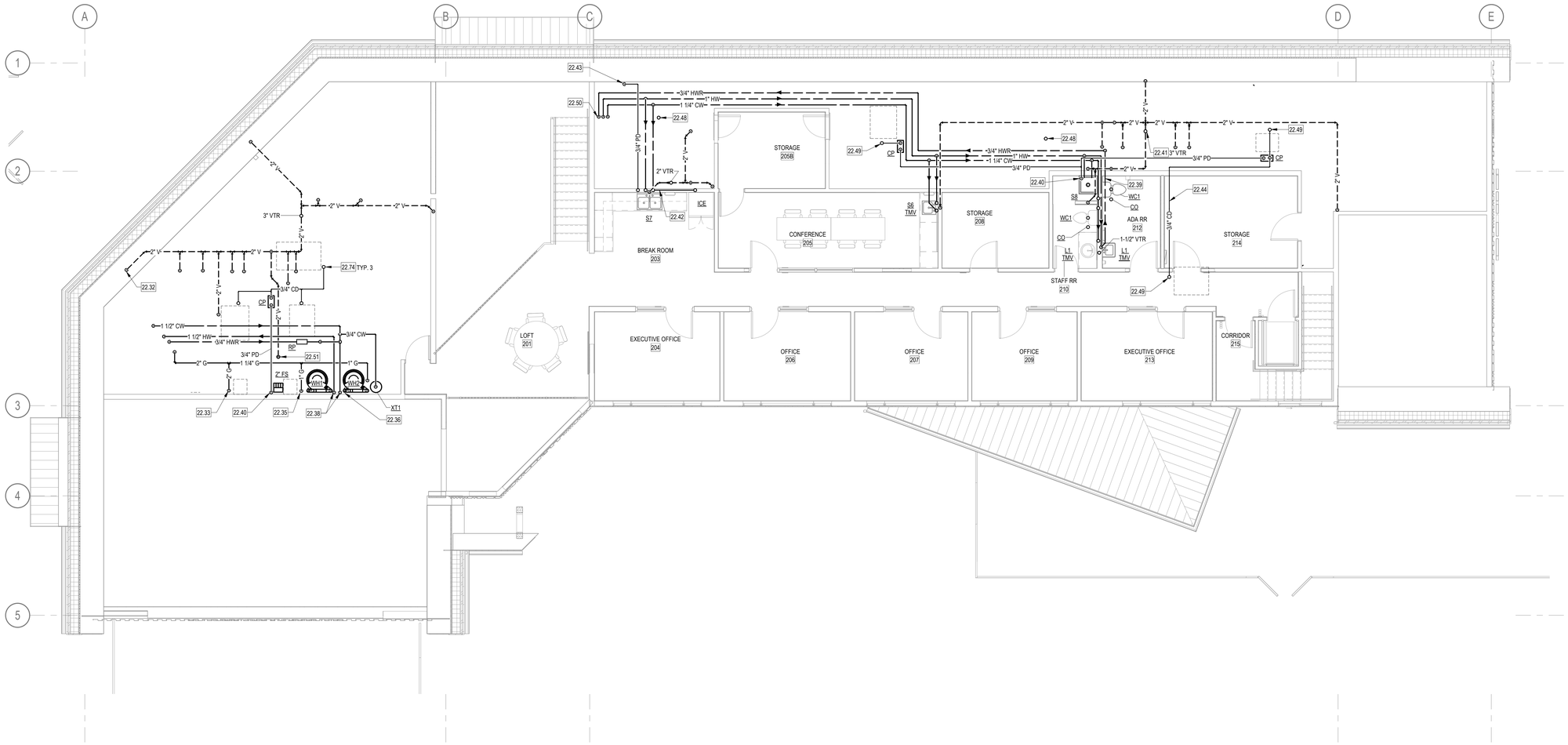
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PLUMBING WATER AND GAS - MAIN LEVEL

KEYED NOTES

22.32	2"V UP FROM BELOW, SEE FIRST FLOOR PLAN FOR CONTINUATION. TYP.
22.33	ROUTE 2"G DOWN AND ROUTE 1-1/4"G TO EACH BOILER GAS CONNECTION, SEE DETAIL.
22.35	ROUTE 1"G PIPE DOWN TO WATER HEATER CONNECTION, SEE DETAIL. TYP. 2. WATER HEATERS.
22.36	PROVIDE 4" WATER HEATER FLUE AND COMBUSTION AIR PIPING. ROUTE UP THROUGH ROOF AND TERMINATE WITH CONCENTRIC VENT KIT PER MANUFACTURER'S INSTRUCTIONS. TYP. 2 WATER HEATERS.
22.38	ROUTE 1-1/2" HW/CW DOWN AND ROUTE HW/CW PIPE TO EACH WATER HEATER CONNECTION, SEE DETAIL.
22.39	ROUTE 1"CW, 3/4"HW, AND 3/4"HWR IN WALL TO FIXTURES. MAKE HOT WATER CONNECTION TO LAVATORIES PER IECC REQUIREMENTS, SEE DETAIL.
22.40	TERMINATE CONDENSATE DRAIN AT MOP SINK WITH ELBOW TURNED DOWN AND AIR GAP.
22.41	2"V UP FROM FIXTURES BELOW. CONTINUE UP TO 3" VTR.
22.42	TAP 1/2"CW OFF 3/4" CW SERVING SINK AND ROUTE TO ICE MAKER CONNECTION IN WALL.
22.43	ROUTE 3/4" PRESSURIZED DISCHARGE FROM BELOW TO BREAK ROOM SINK. TERMINATE WITH DRAIN AIR GAP FITTING CONNECTED TO SINK DRAIN PIPING.
22.44	ROUTE 3/4" CONDENSATE DRAIN PIPE TIGHT TO BOTTOM OF STORAGE ROOM CEILING.
22.48	PROVIDE 4" PVC RISER FROM CRAWLSPACE UP THROUGH ROOF FOR RADON MITIGATION. ALL CONNECTIONS TO RADON MITIGATION SYSTEM IN CRAWLSPACE BY RADON MITIGATION CONTRACTOR.
22.49	PROVIDE 3/4" CD CONNECTION TO FAN COIL AND P-TRAP, SEE DETAIL. FAN COIL LOCATED IN CRAWLSPACE AND PROVIDED BY OTHERS.
22.50	1-1/4"CW, 1"HW, AND 3/4" HWR UP FROM BELOW.
22.51	ROUTE VENT PIPE ALONG FLOOR AND PROVIDE SHEET METAL SHROUD OVER SECTION OF PIPE THAT IS IN MAIN SERVICE WALKWAY.
22.74	PROVIDE 3/4" CD CONNECTION TO FAN COIL AND P-TRAP, SEE DETAIL. FAN COIL BY OTHERS.



PLUMBING PLAN - UPPER LEVEL

3/16" = 1'-0"

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COLORADO LICENSED PROFESSIONAL ENGINEER
50843
2026-08-26

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: **2540**
ISSUE DATE: **2026-08-31**
DRAWN BY: **ME&E**

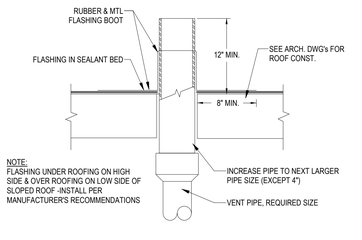
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DD PHASE 2026-07-06
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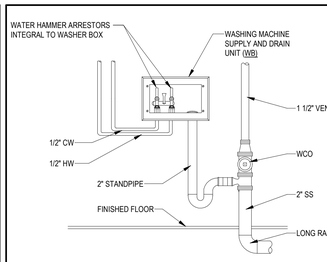
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PLUMBING PLAN - UPPER LEVEL

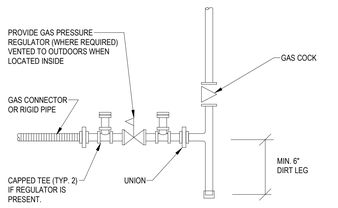
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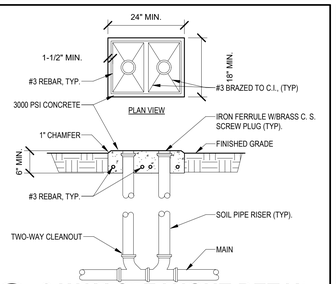
E1 **VENT THRU ROOF DETAIL**



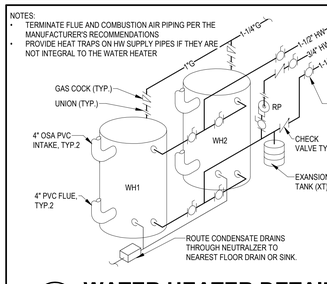
E2 **WASHER BOX DETAIL**



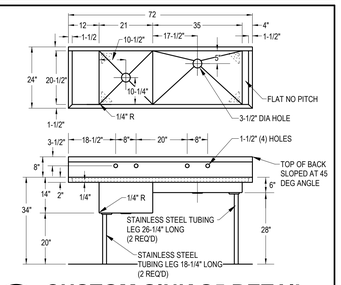
E3 **GAS CONNECTION DETAIL**



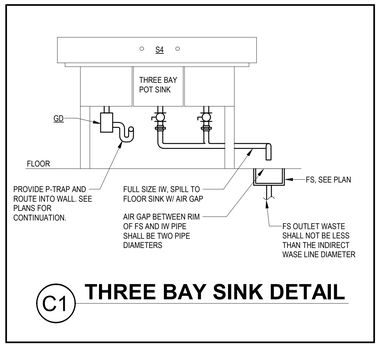
D1 **2-WAY CLEANOUT DETAIL**



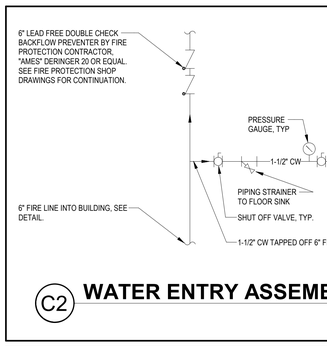
D2 **WATER HEATER DETAIL**



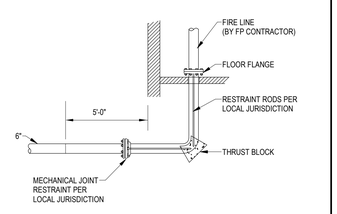
D3 **CUSTOM SINK S5 DETAIL**



C1 **THREE BAY SINK DETAIL**



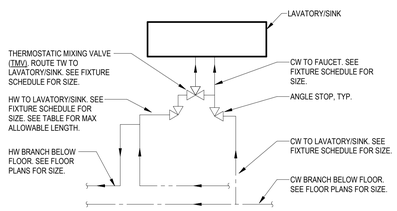
C2 **WATER ENTRY ASSEMBLY**



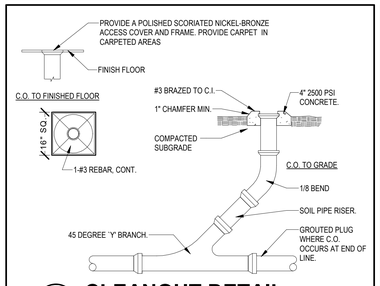
B1 **FIRE LINE ENTRY DETAIL**

MAXIMUM ALLOWABLE LENGTH OF UNCIRCULATED HOT WATER PIPE

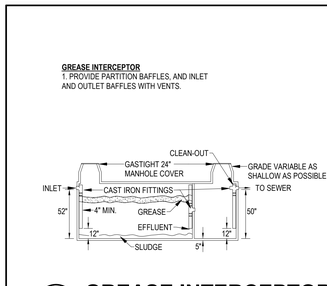
PIPE SIZE	MAXIMUM PIPING LENGTH	
	PUBLIC LAV FAUCETS	OTHER FIXTURES
1/2"	2'	43'
3/4"	0.5'	21'
1"	0.5'	13'
1 1/4"	0.5'	8'
1 1/2"	0.5'	6'
2" OR LARGER	0.5'	4'



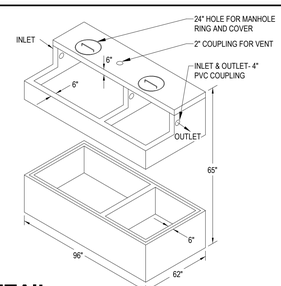
B2 **LAVATORY/SINK PIPING DETAIL**



A1 **CLEANOUT DETAIL**



A2 **GREASE INTERCEPTOR DETAIL**



1000 GALLON CAPACITY

PLUMBING SCHEDULE

BFP BACKFLOW PREVENTER: (3/4" THROUGH 2" LINE SIZE) REDUCED PRESSURE TYPE, LEAD FREE CAST COPPER BODY, REDUCED PRESSURE TYPE COMPLETE WITH TWO "Y" PATTERN SPRING LOADED CHECK VALVES AND ONE HYDRAULICALLY DEPENDENT DIFFERENTIAL RELIEF VALVE, BALL SHUT OFF VALVES. ASSE STANDARD 1013. SEE WATER ENTRY DETAIL FOR SIZE.
"FEBCO" MODEL LF825-Y

CO EXTERIOR CLEANOUT: PVC OR ABS FEMALE ADAPTER WITH CLEANOUT PLUG. LOCATED 2 IN. BELOW GRADE.

CO INTERIOR FLOOR CLEAN OUT: CAST IRON CLEAN OUT WITH THREADED ADJUSTABLE HOUSING, SV HUB OUTLET, FLANGED FERRULE WITH PLUG AND ROUND SCORIATED CAST IRON, POLISHED RONZE TRACTOR TOP.
"ZURN" MODEL ZB-1400 (VERIFY SURFACE TYPE)

CP CONDENSATE PUMP- 115V/1PH, 1/30HP, CORD AND PLUG, 60 GPH AT 12' TDH
"ZOELLER" MODEL 522

CT SIDE ACCESS CLAY TRAP: ACID RESISTANT COMPOSITE INTERCEPTOR, IN LIEU OF P-TRAP, FLOOR INSTALLATION, WITH REMOVABLE PVC SEDIMENT BUCKET.
"ZURN" MODEL Z1180
SS = 2", VENT = 2"

EWC ELECTRIC WATER COOLER: BI-LEVEL, A.D.A. COMPLIANT, NON-FILTERED, REFRIGERATED WATER COOLER WITH BOTTLE FILL STATION, HIGH EFFICIENCY COMPRESSOR, VANDAL RESISTANT BUBBLERS, NSF CERTIFIED LEAD-FREE WATERWAY, FRONT PUSH BUTTON ACTIVATION, STAINLESS STEEL BASIN WITH INTEGRAL DRAIN, STAINLESS STEEL FINISH, 8 GPH CAPACITY, "ELKAY" MODEL VRCGRNTL8WSK
SS = 2", VENT = 1-1/2" CW = 1/2"
ELECTRICAL = 115V/1Ø, 6.0 FLA

FD FLOOR DRAIN: CAST IRON FLOOR DRAIN WITH TRAP GUARD, VANDAL-PROOF SECURED TOP, SQUARE NICKEL BRONZE STRAINER. AN EXTENSION ADAPTER MAY BE REQUIRED, CONTRACTOR TO VERIFY AND INCLUDE IF NECESSARY.
"ZURN" MODEL Z-415S-VP W/ TYPE S STRAINER
SS = 2", VENT = 2"

FPHB FREEZEPROOF HOSE BIBB: FREEZELESS, AUTOMATIC DRAINING WALL HYDRANT, BRASS WITH CHROME-PLATED CASTING, VACUUM BREAKER, LOOSE KEY-OPERATED, 3/4" MPT OUTLET. NOTE: ALL LOOSE KEYS TO BE TURNED OVER TO THE OWNER UPON PROJECT COMPLETION.
"WOODFORD" MODEL 65
CW = 3/4"

FS FLOOR SINK: 12"x12"x 6" DEEP CAST IRON BODY WITH ACID RESISTANT PORCELAIN ENAMEL INTERIOR, DOME BOTTOM STRAINER, 1/2 GRATE, TRAP GUARD.
"ZURN" Z1900-2
SS = SEE PLANS, VENT = 2"

GD GARBAGE DISPOSAL: GALVANIZED STEEL GRINDING ELEMENTS WITH CONTINUOUS FEED, WALL SWITCH CONTROL, DISHWASHER PORT, CORD AND PLUG.
"ISE" MODEL BADGER 5
SS = 2", VENT = 1-1/2"
ELECTRICAL: 120V/1Ø, 1/2HP, 6.3 A (AVERAGE LOAD)

GI GREASE INTERCEPTOR: 1000 GALLON, NON-TRAFFIC RATED, PRECAST CONCRETE COMPLETE WITH EXTENSIONS, MANHOLE RINGS AND BOLTED AND GASKETED COVERS.
"FOUR CORNERS PRECAST"
GW = 4", SS = 4", VENT = 2"

ICE CE MAKER BOX: 20 GA. RECESSED BOX, AND FACEPLATE, WHITE POWDER COATED FINISH, LEAD FREE BRASS BALL VALVE. NSF61 COMPLIANT.
"GUY GRAY" MODEL MIB1AB
CW = 3/8"

L1 LAVATORY: A.D.A COMPLIANT, WALL MOUNTED, VITREOUS CHINA, CONCEALED ARM, FLOOR SUPPORTED CARRIER, 4" CENTERS, DRAIN WITH PERFORATED STRAINER, WALL STOPS, "TRUE-BRO" LAV GUARD. PROVIDE "CHICAGO" 802-VE2805-317ABCP A.D.A. COMPLIANT, VANDAL PROOF, CHROME PLATED TWO LEVER MANUAL FAUCET WITH 0.5 GPM MAXIMUM FLOW.
"AMERICAN STANDARD" LUCERNE 0355.012
SS = 2", VENT = 1 - 1/2", CW = 1/2", TW = 1/2"

L2 LAVATORY: A.D.A. COMPLIANT, WALL MOUNTED LAVATORY WITH (2) WASH STATIONS, 4" CENTERSET FAUCET DRILLED HOLES, SOLID SURFACE BASIN, CONCEALED IN-WALL CARRIER, ACCESS PANEL WITH VANDAL RESISTANT FASTENERS, STAINLESS STEEL STRAINER AND TAILPEICE, SINGLE DRAIN CONNECTION. COLOR TO BE DETERMINED BY ARCHITECT PRIOR TO ORDERING. PROVIDE (2) "CHICAGO" 802-VE2805-317ABCP A.D.A. COMPLIANT, VANDAL PROOF, CHROME PLATED TWO LEVER MANUAL FAUCETS WITH 0.5 GPM MAXIMUM FLOW.
"BRADLEY" EXPRESS TLX-2
SS = 2", VENT - 1-1/2", CW = 3/4", TW = 3/4"

RP RECIRCULATING PUMP: DOMESTIC HOT WATER RECIRCULATING PUMP WITH EC MOTOR, HOT WATER TEMPERATURE SENSOR, AND SMART PLUG. SMART PLUG SHALL AUTOMATICALLY CONTROL PUMP TO ONLY RUN WHEN THERE IS A HOT WATER NEED. PUMP PERFORMANCE: 4 GPM AT 12' TDH
ELECTRICAL: 120V/1Ø, 44 WATTS
"TACO" MODEL SP6-1

S1 MOP SINK: 24"x24" PRECAST TERRAZZO, STAINLESS STEEL CAPS ON ALL CURBS, WALL MOUNTED 3 STATION MOP HOLDER., "ZURN" Z1996-SF FAUCET WITH VACUUM BREAKER AND CHECK STOPS, WALL BRACE AND 3/4" THREADED HOSE OUTLET.
"FIAT" MODEL TSB100
SS = 3", VENT = 1 - 1/2", CW & HW = 3/4"

S2 SINK (KITCHEN HAND WASH SINK): ADA COMPLIANT, STAINLESS STEEL WALL MOUNTED HAND SINK, NSF LABELED, WALL HANGERS AND SUPPORT BRACKET, DECK MOUNTED GOOSENECK LEAD FREE FAUCET WITH WRIST HANDLES, STAINLESS STEEL DRAIN WITH CRUMB BASKET. FURNISH WITH CHROME PLATED BRASS P-TRAP, OFFSET TAILPIECE, AND "TRUE-BRO" LAV GUARD.
"ADVANCE TABCO" 7-PS-25
SS = 2", VENT = 1-1/2", CW = 1/2", TW = 1/2"

S3 SINK (KITCHEN PREP): SINGLE COMPARTMENT SINK WITH STAINLESS STEEL CONSTRUCTION, 18"x18"x14" DEEP BOWL, 18" DRAIN BOARD ON LEFT SIDE, GALVANIZED STEEL LEGS, BACKSPLASH WITH (2) HOLE PUNCH ON 8" CENTERS, NSF CERTIFIED. COMPLETE WITH "ELKAY" LK943KF08LC FAUCET WITH 1.5 GPM FLOW, WALL MOUNT, 8" SWINGING ARC TUBE SPOUT, SPRAY HEAD, AND LEVER HANDLES.
"REGENCY" 60S118181BGL
IW = 2", CW = 3/4", HW = 3/4"

S4 SINK (KITCHEN 3-BAY): THREE COMPARTMENT SINK WITH STAINLESS STEEL CONSTRUCTION, (3) 16"x20"x14" DEEP BOWLS, 18" DRAIN BOARD ON LEFT AND RIGHT SIDES, STAINLESS STEEL LEGS, 9" TALL BACKSPLASH WITH (2) HOLE PUNCH ON 8" CENTERS, NSF CERTIFIED. COMPLETE WITH "ELKAY" LK943KF12LC FAUCET WITH 1.5 GPM FLOW, WALL MOUNT, 12" SWINGING ARC TUBE SPOUT, SPRAY HEAD, AND LEVER HANDLES.
"ELKAY" 14-3C16X20-2-18X
IW = 2", CW = 3/4", HW = 3/4"

S5 SINK (ART ROOM): CUSTOM ADA COMPLIANT SCULLERY SINK, 14 GAUGE TYPE 304 STAINLESS STEEL CONSTRUCTION, COMPLETE WITH (2) "ELKAY" LK940AT10TAS ADA COMPLIANT, WALL MOUNTED, CHROME PLATED FAUCETS WITH 4" WRISTBLADE HANDLES AND 10" SWING SPOUT. SEE DETAIL ON SHEET P601 FOR SINK DIMENSIONS.
"ELKAY" CUSTOM
SS = 2", VENT = 2", CW = 3/4", HW = 3/4"

S6 SINK (GAME/CONFERENCE): ADA COMPLIANT 18 GAUGE TYPE 304 STAINLESS STEEL, 22"x 19"x 5-1/2" DEEP SINGLE COMPARTMENT DROP-IN COUNTERTOP SINK, REAR CENTER DRAIN LOCATION. COMPLETE WITH "ELKAY" LK1000CR CHROME PLATED, LEAD-FREE, 1.5 GPM SINGLE LEVER FAUCET WITH 8" SWINGSPOUT AND CHROME PLATED BRASS BASKET STRAINER.
"ELKAY" MODEL LRAD221955
SS = 2", VENT = 1-1/2", CW = 3/4", HW = 3/4"

S7 SINK (BREAK): ADA COMPLIANT, 18 GAUGE TYPE 304 STAINLESS STEEL, DOUBLE COMPARTMENT, DROP-IN COUNTERTOP SINK, 33" x 19-1/2" x 5-1/2" DEEP. COMPLETE WITH LK1500CR SINGLE LEVER FAUCET, LK-35-GR STRAINERS, CHROME PLATED BRASS "P" TRAP AND TAILPIECE.
"ELKAY" MODEL LRADQ-331955
SS = 2", VENT = 1 - 1/2", CW = 3/4"; HW = 3/4"

S8 MOP SINK: 24"x24" MOLDED STONE, WALL MOUNTED 3 STATION MOP HOLDER, QUICK DRAIN CONNECTOR FOR 2" PIPE, "ZURN" Z1996-SF FAUCET WITH VACUUM BREAKER AND CHECK STOPS, WALL BRACE AND 3/4" THREADED HOSE OUTLET.
"FIAT" MODEL TSB100
SS = 2", VENT = 1 - 1/2", CW & HW = 3/4"

TMV THERMOSTATIC MIXING VALVE: 1/2"-1" (SEE PLAN FOR SIZE) ASSE 1070 POINT-OF-USE MIXING VALVE, SET AT 105ºF. COLD WATER 50ºF.; HOT WATER 140ºF.
"WATTS" MODEL LFMMV

U URINAL: A.D.A. COMPLIANT, VITREOUS CHINA, WATERSENSE LABELED. ASME RATED FOR 0.125 GPF, WASHOUT FLUSH ACTION, 3/4" TOP SPUD INLET. PROVIDE ADJUSTABLE FLOOR SUPPORTED CARRIER AND "AMERICAN STANDARD" ULTIMA SELECTRONIC BATTERY-POWERED, 0.125 GPF, WATER SENSE LABELED, CHROME PLATED, AUTOMATIC FLUSH VALVE WITH VACUUM BREAKER.
"AMERICAN STANDARD" MODEL 6590.001
SS = 2", VENT = 2", CW = 3/4"

WB WASHER BOX: WASHER BOX: 20 GAUGE POWDER COATED WHITE BOX AND FACEPLATE,1/2 TURN BALL VALVES WITH WATER HAMMER ARRESTORS, 2" DRAIN KNOCKOUT.
"GUY GRAY" MODEL T200TP
SS = 2", VENT = 2", CW = 3/4", HW = 3/4"

WC1 TANK TYPE WATER CLOSET: ADA COMPLIANT, EPA WATER SENSE CERTIFIED, VITREOUS CHINA, ONE-PIECE, ELONGATED SIPHON JET ACTION BOWL, BOLT CAPS, 1.28 GALLON FLUSH, 16-1/2" RIM HEIGHT, OPEN FRONT ELONGATED SEAT LESS COVER. PROVIDE TRIP LEVER ON OPEN SIDE.
"AMERICAN STANDARD" CADET 215AA.104 (LEFT SIDE TRIP) OR 215AA.105 (RIGHT SIDE TRIP)
SS = 3", VENT = 2", CW = 1/2"

WC2 FLUSH VALVE WATER CLOSET: WALL HUNG, A.D.A. COMPLIANT, WATERSENSE LABELED, CERTIFIED FOR 1.1 GPF, VITREOUS CHINA, ELONGATED BOWL, SIPHON JET ACTION, 1-1/2" TOP SPUD. PROVIDE "AMERICAN STANDARD" ULTIMA SELECTRONIC BATTERY-POWERED, 1.1 GPF, WATER SENSE LABELED, CHROME PLATED, AUTOMATIC FLUSH VALVE WITH VACUUM BREAKER, OPEN FRONT ELONGATED SEAT LESS COVER, AND FLOOR MOUNTED 500# CARRIER. SEE ARCH DWGS. FOR MOUNTING HEIGHT.
"AMERICAN STANDARD" MODEL 3351.101
SS = 3", VENT = 2", CW = 1-1/4"

WCO WALL CLEANOUT: BRASS PLUG WITH ROUND STAINLESS STEEL SECURED ACCESS COVER, SEE PLAN FOR SIZE.
"ZURN" MODEL Z-1468

WH1&2 GAS WATER HEATER: ASME RATED, GAS-FIRED CONDENSING WATER HEATER, 100 GALLON TANK, 150 MBH INPUT, 98% EFFICIENCY, MAX 160 PSI PRESSURE, POWER DIRECT VENT, STEEL GLASS LINED TANK, INTEGRAL CONTROL SYSTEM TOUCHSCREEN DISPLAY, CONCENTRIC VENT KIT AND CONDENSATE NEUTRALIZATION KIT.
"A.O. SMITH" MODEL BTH-150A
ELECTRICAL: 120V/1Ø, 5 AMPS.

WHA WATER HAMMER ARRESTOR: PRE-CHARGED AIR CHAMBER PERMANENTLY SEALED FROM WATER SYSTEM, BALL VALVE FOR ISOLATION, NPT BRASS ADAPTER, THREADED SCREW ON TYPE. PROVIDE A 12"x12" ACCESS PANEL.
"WATTS" SERIES 15

XT1 EXPANSION TANK: ASME RATED, POTABLE WATER USE. NSF/ANSI 61 COMPLIANT, FIXED DIAPHRAGM CONSTRUCTION, 150 PSI MAX. WORKING PRESSURE, 200°F MAX WORKING TEMPERATURE. 16.5 GALLON TANK, 11.2 GALLON ACCEPTANCE , 55 PSIG FACTORY PRECHARGE.
"AMTROL" MODEL ST-35VC-DD

PLUMBING SYMBOLS LEGEND

LINE TYPES	DESCRIPTION
	THIN LINE AND GRAY SCALE INDICATE EXISTING TO REMAIN
	DASHED INDICATES EXISTING TO BE DEMOLISHED
	SOLID BLACK INDICATES NEW
	LONG DASHED INDICATES BELOW GRADE

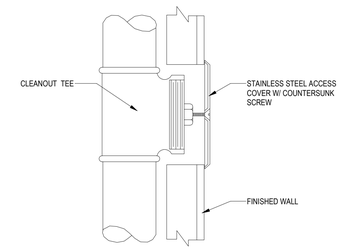
SYMBOL	DESCRIPTION
X#	PLUMBING FIXTURE DESIGNATION
#	KEYED NOTE
	POINT OF CONNECTION
(E)	EXISTING
CD	CONDENSATE DRAIN (CD)
SS	SANITARY SEWER (SS)
V	VENT (V)
CW	COLD WATER (CW)
HW	HOT WATER SUPPLY (HW)
HWR	HOT WATER RETURN (HWR)
TW	TEMPERED WATER (TW)
G	NATURAL GAS (G)
MPG	MEDIUM PRESSURE GAS (MPG)
RD	ROOF DRAIN (RD)
OD	OVERFLOW DRAIN (OD)
GW	GREASE WASTE (GW)
FL	FIRE LINE (FL)
	GAS COCK
	THERMOMETER
	CHECK VALVE (CKV)
	RELIEF VALVE
	BUTTERFLY VALVE
	BALL VALVE (BV)
	STRAINER WITH DRAIN VALVE
	UNION
	GATE VALVE
	SOLENOID WITH UNIONS
	PRESSURE REDUCING VALVE (PRV)
	REDUCED PRESSURE BACKFLOW PREVENTER
	BACKFLOW PREVENTER
	FLOOR SINK
	ROOF DRAIN
	VENT THRU ROOF (VTR)
	DOUBLE CLEAN OUT (DCO)
	CLEAN OUT (CO)
	FLOOR DRAIN
	GAS FLEX
	PEX PIPING
M	WATER OR GAS METER
	GAS PRESSURE REGULATOR
	VALVE IN VALVE BOX

ABBREVIATION	DESCRIPTION
BFF	BELOW FINISHED FLOOR
CD	CONDENSATE DRAIN
CO	CLEANOUT
CW	DOMESTIC COLD WATER
DCO	DOUBLE CLEANOUT
FFE	FINISHED FLOOR ELEVATION
G	NATURAL GAS
GW	GREASE WASTE
HW	DOMESTIC HOT WATER
HWR	DOMESTIC HOT WATER RECIRCULATION
IW	INDIRECT WASTE
MPG	MEDIUM PRESSURE GAS
OD	OVERFLOW DRAIN
PD	PRESSURIZED DISCHARGE
RD	ROOF DRAIN
SS	SANITARY SEWER
V	VENT
VTR	VENT THROUGH ROOF
WCO	WALL CLEANOUT

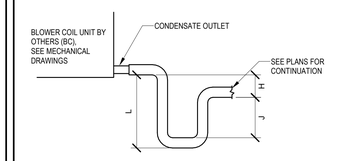
NOTE: SYMBOLS AND ABBREVIATIONS ILLUSTRATED ABOVE MAY NOT APPEAR ON THE PLANS

PLUMBING GENERAL NOTES

1. COMPLETE ALL WORK IN FULL COMPLIANCE WITH THE IMC, IPC, IECC, IBC, LIFE SAFETY CODE, N.F.P.A. AND ALL LOCAL CODES AND ORDINANCES.
2. CAREFULLY LAYOUT AND INSTALL THE PLUMBING SYSTEMS INCLUDING ALL COORDINATION WITH NEW AND EXISTING SERVICES, MECHANICAL EQUIPMENT, DUCTWORK, ELECTRICAL EQUIPMENT, CONDUIT, CEILING GRID, AND ANY OTHER EQUIPMENT THAT MAY REQUIRE COORDINATION EFFORTS. COORDINATE TEMPORARY CUT-OFF OF WATER AND SEWER WITH UTILITY PROVIDERS. PERFORM ALL NECESSARY TRENCHING, BACK FILLING, CUTTING, PATCHING, REPAIRING, ETC. ASSOCIATED WITH THE INSTALLATION OF THE PLUMBING SYSTEM SHOWN ON THE PLANS AND DESCRIBED IN THE SPECIFICATIONS.
3. VERIFY ALL INVERTS BEFORE ROUTING ANY AND ALL PIPING. NO COMPENSATION WILL BE MADE FOR THE CONTRACTOR'S FAILURE TO COORDINATE WORK WITH SITE CONDITIONS. BECOME TOTALLY FAMILIAR WITH ALL ASPECTS OF THE WORK AND ALL CONSTRAINTS AND LIMITATIONS OF THE WORK REQUIRED.
4. ROUTE PIPING AS NEARLY AS POSSIBLE TO THE ROUTING INDICATED ON THE PLANS, BUT MAKE MINOR CHANGES IN ROUTING TO ACCOMMODATE THE CONDITIONS AT THE SITE. DO NOT UNDERTAKE MAJOR REROUTING OF PIPING WITHOUT WRITTEN APPROVAL FROM ENGINEER. MAKE ALL REQUIRED TRANSITIONS, OFFSETS, MINOR RE-LOCATIONS, AND ALL ASSOCIATED FITTINGS, PIPING, AND EQUIPMENT TO INSTALL A COMPLETE AND OPERATIONAL SYSTEM.
5. THE PROXIMITY OF WATER AND SEWER LINES SHALL BE AS FOLLOWS, UNLESS WRITTEN APPROVAL FROM THE STATE HEALTH DEPARTMENT SPECIFIES DIFFERENT CONDITIONS: WHENEVER POSSIBLE, IT IS DESIRABLE TO LAY PARALLEL WATER AND SEWER LINES AT LEAST TEN FEET APART HORIZONTALLY, AND THE WATER LINE SHOULD BE AT A HIGHER ELEVATION THAN THE SEWER LINE. IF THIS IS NOT POSSIBLE, SEPARATE TRENCHES WILL BE REQUIRED IN ALL CASES (THIS SHALL BE EFFECTIVE EVEN THOUGH ONE LINE HAS BEEN INSTALLED PRIOR TO THE OTHER), AND THE WATER LINE SHALL BE AT LEAST ONE FOOT ABOVE THE SEWER LINE. WHERE LINES INTERSECT THE WATER LINE SHALL BE SLEEVED FOR TEN FEET ON EACH SIDE OF THE INTERSECTION.
6. ALL CONTRACTORS BIDDING ON THIS PROJECT ARE CAUTIONED TO VISIT THE SITE AND MAKE ALL NECESSARY INQUIRIES TO DETERMINE THE EXISTING CONDITIONS PRIOR TO SUBMITTING THEIR BIDS. NO SUBSEQUENT ALLOWANCE WILL BE MADE TO COMPENSATE FOR LACK OF PRE-BID INSPECTIONS BY THE SUCCESSFUL CONTRACTOR. ANY LINES ENCOUNTERED WHICH MAY INTERFERE WITH NEW CONSTRUCTION SHALL BE RELOCATED IF ACTIVE AND ABANDONED IF INACTIVE BY THIS CONTRACTOR UNDER THIS CONTRACT BY FIRST CONTACTING THE ARCHITECT FOR A RULING AS TO THEIR REMOVAL, RELOCATION, ETC.
7. PROVIDE ACCESS PANELS TO ALL INACCESSIBLE PLUMBING EQUIPMENT.
8. INSULATE ALL NEWLY INSTALLED PIPING (DOMESTIC HOT, COLD, RECIRC. WATER AND ROOF DRAINAGE) IN THE BUILDING. LABEL PIPE WITH FLUID TYPE AND FLOW DIRECTION.
9. INSULATE ALL EXPOSED COLD AND HOT WATER SUPPLY TUBING AND P-TRAPS AT LAVATORIES AND SINKS WITH AN A.D.A. APPROVED ENCLOSURE. INCLUDE ALL FITTINGS FOR A COMPLETE INSTALLATION.
10. PERFORM PRESSURE TEST OF WASTE/VENT/STORM LINE PER CODE. COMPLETE A SUCCESSFUL TEST PRIOR TO COVERING THE WORK.
11. PRESSURE TEST, FLUSH AND DISINFECT ALL DOMESTIC WATER PIPING PER CHAPTER 6 OF THE PLUMBING CODE PRIOR TO CALLING FOR FINAL INSPECTION.
12. DURING DEMOLITION CAREFULLY NOTE ANY CONDITIONS THAT MAY AFFECT THE JOB, SUCH AS UNANTICIPATED CONNECTIONS OR BROKEN, DAMAGED, PLUGGED, OR CRUSHED PIPE. TRANSMIT THESE FINDINGS IMMEDIATELY TO THE ENGINEER BY MEMO.
13. AFTER ALL PIPING HAS BEEN INSTALLED, TESTED, CLEANED, AND PHOTOGRAPHED, BACKFILL THE SPACE UNDER THE FLOOR AND TAMP TO PROCTOR 95%. REPAIR THE REBAR AND PATCH THE FLOOR IN ACCORDANCE WITH THE SPECIFICATIONS.
14. RECONNECT EXISTING FIXTURES OR REPLACED FIXTURES WITH PIPING OF THE SAME SIZE AS EXISTING PIPING.
15. ALL PLENUM INSTALLED MATERIALS MUST BE PLENUM RATED OR WRAPPED IN A LISTED SYSTEM TO ACHIEVE A VALUE LOWER THAN 25 FLAME SPREAD AND 50 SMOKE DEVELOPMENT RATING.
16. FLUSHING LEVERS/MECHANISMS SHALL BE PLACED ON THE ACCESSIBLE SIDE OF THE FIXTURE.
17. PEX PIPING IS ONLY ALLOWED BELOW GRADE WHEN SERVING AN ISLAND FIXTURE(S).
18. ALL EXPOSED PIPE WALL PENETRATIONS IN FINISHED SPACES SHALL BE FITTED WITH CHROME PLATED ESCUTCHEONS SECURED RIGIDLY FLUSH WITH WALL SURFACE.
19. ALL EXTERIOR GAS PIPING SHALL BE PAINTED, COLOR PER ARCHITECT.
20. PROVIDE WALL CLEANOUTS AT ALL END-OF-LINE SINKS, LAVATORIES, AND WATER COOLERS.
21. DOMESTIC HOT WATER SYSTEMS HAVE BEEN DESIGNED AND SIZED BASED ON 140 DEGREE SUPPLY TEMPERATURE. LOCATE POINT OF USE MIXING VALVE AT ALL SINKS AND LAVATORIES FOR CODE COMPLIANCE.
22. ALL PENETRATIONS THROUGH FIRE RATED WALLS OR ASSEMBLIES SHALL BE COMPLETED IN A MANNER THAT MAINTAINS THE FIRE RATING OF THE WALL OR ASSEMBLY.
23. ALL PLUMBING EQUIPMENT AND FIXTURES SHALL BE TOXIN-FREE PER NSF/ANSI 61 FOR LOW-LEAD CONTENT AND CHEMICAL EXTRACTION.
24. PROVIDE AND INSTALL ALL PLUMBING EQUIPMENT, MOTOR STARTERS, TRANSFORMERS, RELAYS, AND OTHER ELEMENTS NECESSARY FOR A COMPLETE OPERATING SYSTEM. COMPLETE ALL 24 VOLT CONTROL WIRING AND EQUIPMENT TO THE ABOVE. ALL LINE VOLTAGE WIRING TO THE ABOVE SHALL BE COMPLETED BY THE ELECTRICAL CONTRACTOR. REFER TO COORDINATION SCHEDULE ON ELECTRICAL DRAWINGS.

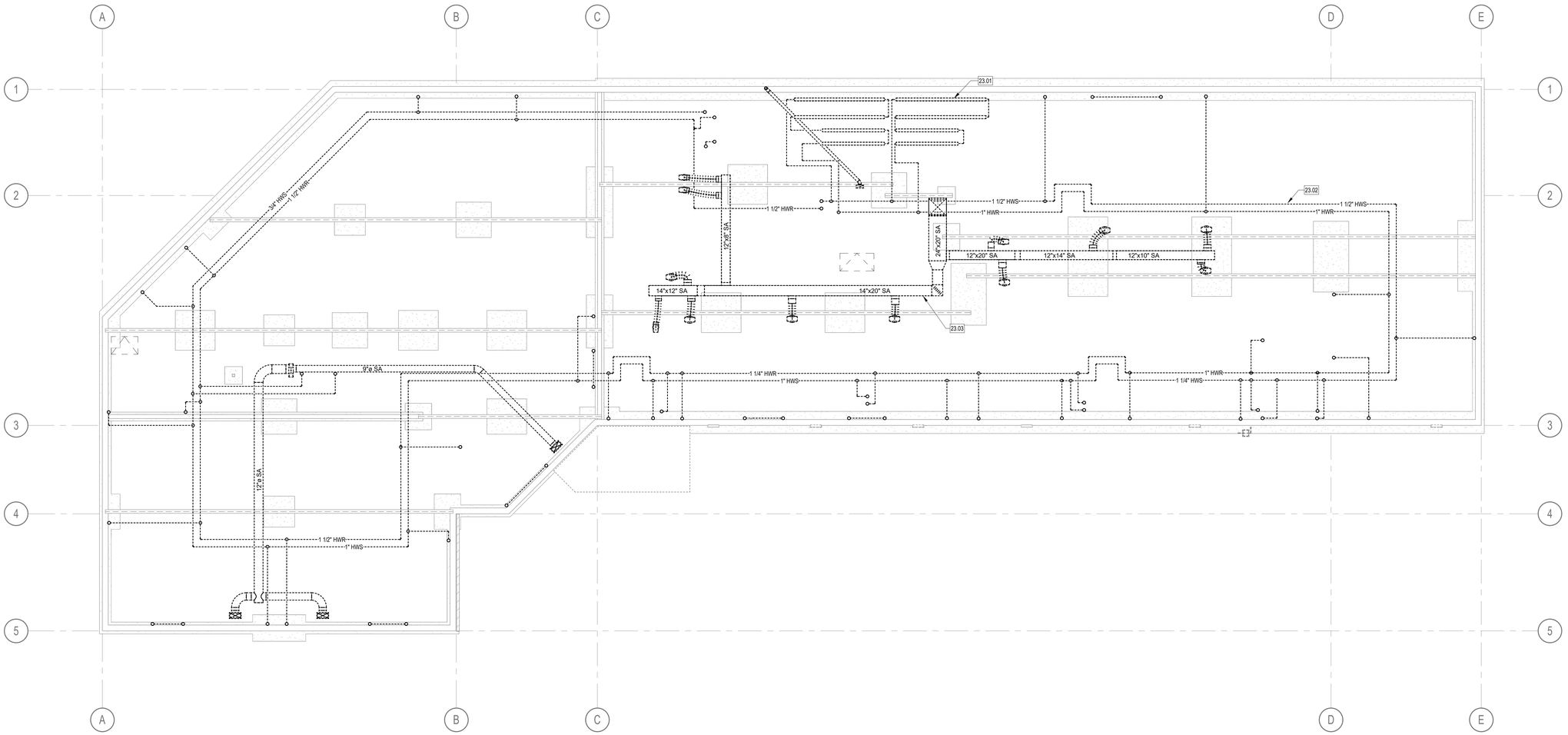


B6 **WALL CLEANOUT DETAIL**


BLOWER COIL UNIT BY OTHERS (BC). SEE MECHANICAL DRAWINGS
CONDENSATE OUTLET
SEE PLANS FOR CONTINUATION
H
J
CONDENSATE DRAIN UNDER NEGATIVE PRESSURE
L = H + J + PIPE DIAMETER
H = 1" FOR EACH INCH OF NEGATIVE AIR PRESSURE PLUS 1" FOR FILTERS
J = 1/2 x H
*NOTE: SEE MECHANICAL PLANS FOR UNIT AIR P

KEYED NOTES

23.01	REMOVE FINNED TUBE RADIATORS IN CRAWLSPACE, TYP.
23.02	REMOVE ALL HYDRONIC PIPING AND ACCESSORIES LOCATED IN CRAWLSPACE.
23.03	REMOVE ALL DUCTWORK AND ACCESSORIES LOCATED IN CRAWLSPACE.



N A1 **MECHANICAL DEMOLITION PLAN - CRAWLSPACE**

3/16" = 1'-0"

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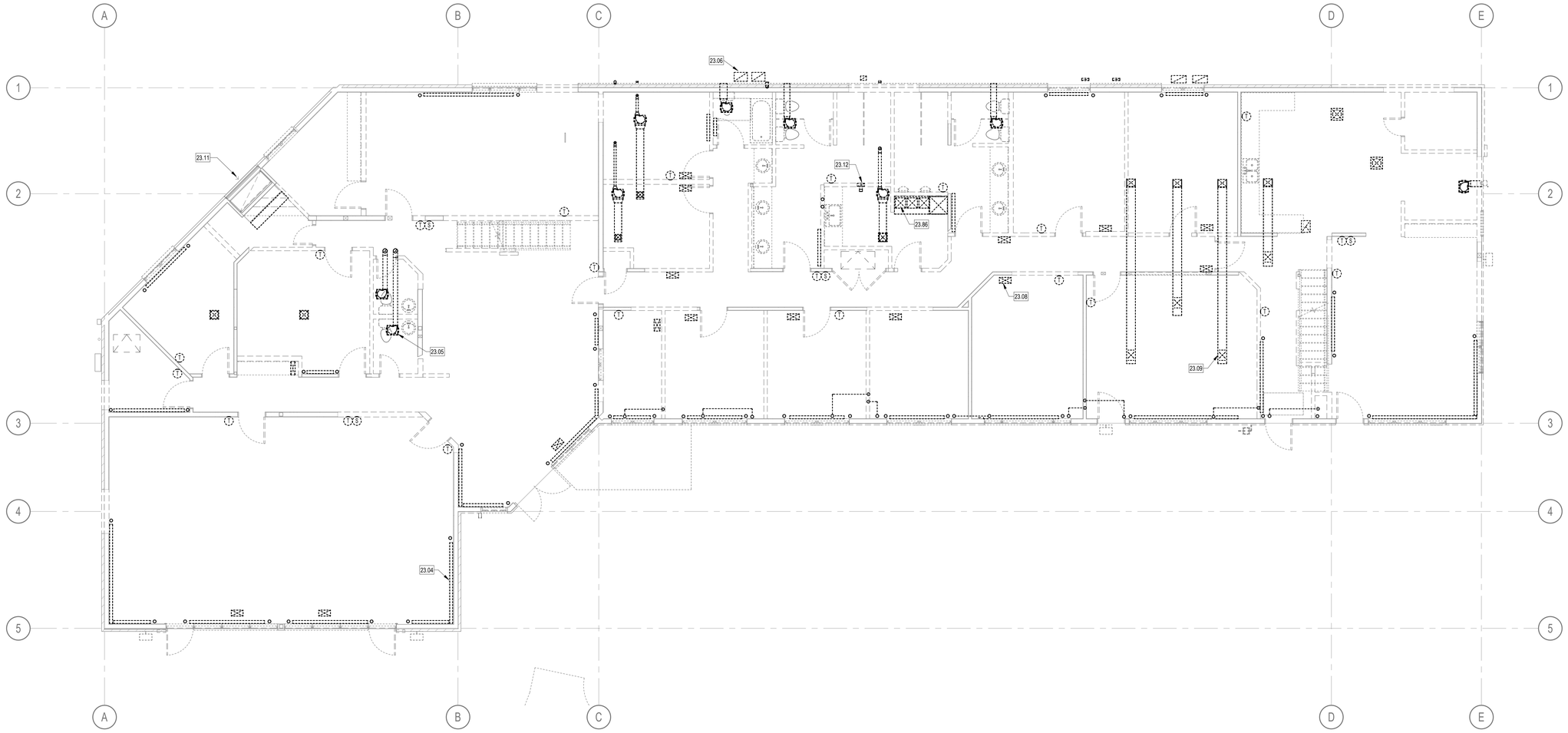
REVISIONS:

MD100

MECHANICAL DEMOLITION PLAN - CRAWLSPACE

KEYED NOTES

23.04	REMOVE ALL EXISTING HYDRONIC BASEBOARD AND ASSOCIATED PIPING, VALVES, AND CONTROLS. COORDINATE PATCH AND REPAIR OF WALLS AND FLOORS WITH GC. TYP.
23.05	REMOVE ALL CEILING MOUNTED EXHAUST FANS AND ASSOCIATED DUCTWORK AND CONTROLS. COORDINATE PATCH AND REPAIR OF CEILING WITH GC.
23.06	REMOVE ALL EXISTING EXHAUST AND INTAKE OPENINGS LOCATED IN SOFFIT. COORDINATE PATCH AND REPAIR OF PENETRATION WITH GC. TYP.
23.08	REMOVE ALL EXISTING FLOOR GRILLES. COORDINATE PATCH AND REPAIR OF FLOOR WITH GC. TYP.
23.09	REMOVE ALL EXISTING CEILING MOUNTED DIFFUSERS/GRILLES AND ASSOCIATED DUCTWORK. COORDINATE PATCH AND REPAIR OF CEILING WITH GC.
23.11	EXISTING INTAKE LOUVER AND DUCTWORK UP TO ATTIC TO REMAIN.
23.12	REMOVE EXISTING DRYER EXHAUST DUCTWORK.
23.86	REMOVE EXISTING EVAPORATIVE COOLER SUPPLY DUCTWORK ROUTED DOWN TO THE CRAWLSPACE.



N A1 **MECHANICAL DEMOLITION PLAN - MAIN LEVEL**

3/16" = 1'-0"

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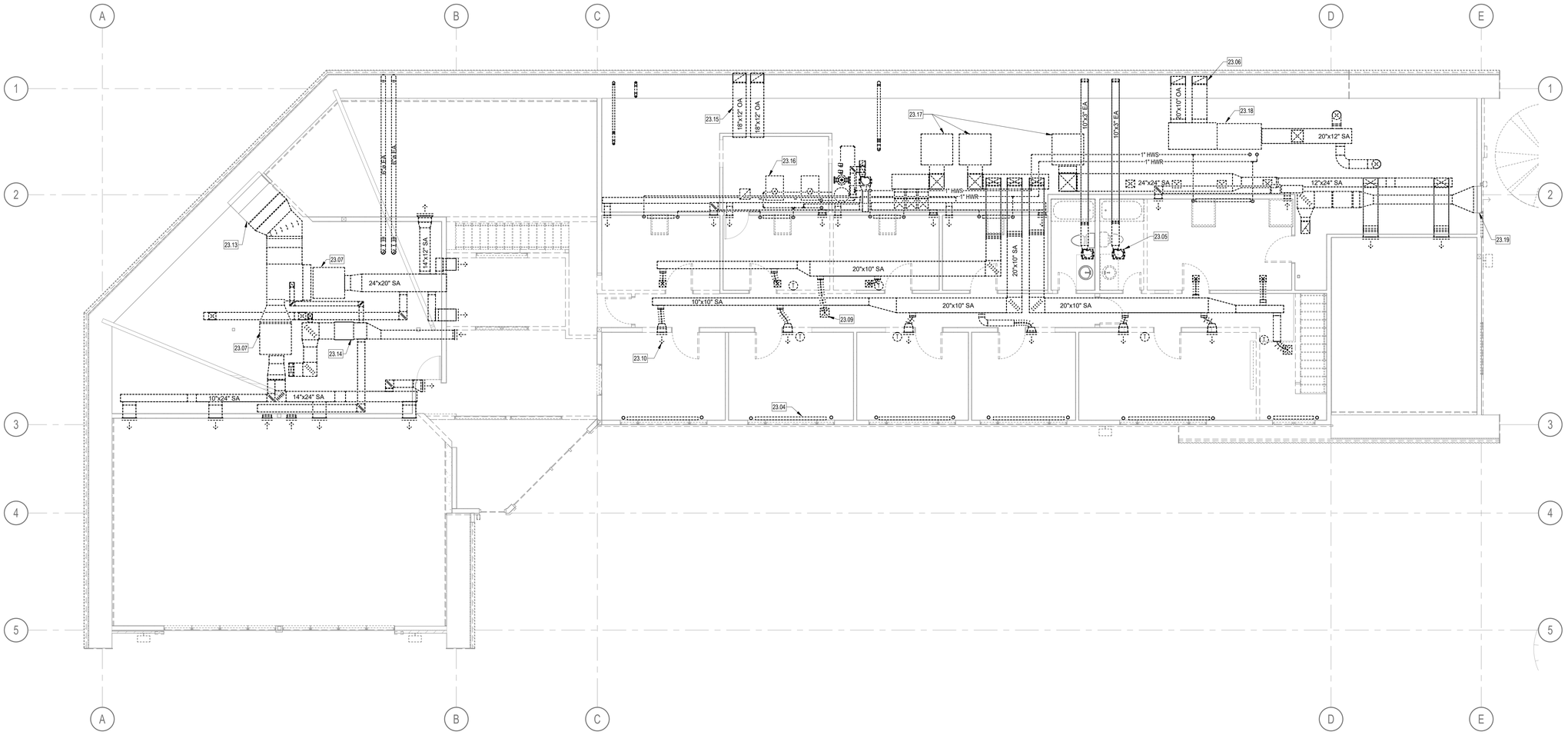
REVISIONS:

MD101

MECHANICAL DEMOLITION PLAN - MAIN LEVEL

KEYED NOTES

23.04	REMOVE ALL EXISTING HYDRONIC BASEBOARD AND ASSOCIATED PIPING, VALVES, AND CONTROLS. COORDINATE PATCH AND REPAIR OF WALLS AND FLOORS WITH GC. TYP.
23.05	REMOVE ALL CEILING MOUNTED EXHAUST FANS AND ASSOCIATED DUCTWORK AND CONTROLS. COORDINATE PATCH AND REPAIR OF CEILING WITH GC.
23.06	REMOVE ALL EXISTING EXHAUST AND INTAKE OPENINGS LOCATED IN SOFFIT. COORDINATE PATCH AND REPAIR OF PENETRATION WITH GC. TYP.
23.07	REMOVE EXISTING ATTIC MOUNTED EVAPORATIVE COOLER, CONTROLS, AND ALL SUPPLY DUCTWORK AND DIFFUSERS.
23.09	REMOVE ALL EXISTING CEILING MOUNTED DIFFUSERS/GRILLES AND ASSOCIATED DUCTWORK. COORDINATE PATCH AND REPAIR OF CEILING WITH GC.
23.10	REMOVE ALL EXISTING SIDEWALL GRILLES. COORDINATE PATCH AND REPAIR OF WALL WITH GC. TYP.
23.13	EXISTING OA INTAKE UP THROUGH ATTIC FLOOR TO REMAIN. REMOVE ALL OA DUCTWORK SHOWN DASHED. CAP OPEN END OF DUCT AND SEE MECHANICAL PLAN FOR NEW TAPS INTO DUCT.
23.14	REMOVE EXISTING INLINE EXHAUST FAN, CONTROLS, AND ALL DUCTWORK AND GRILLES.
23.15	REMOVE EXISTING BOILER COMBUSTION AIR DUCTS.
23.16	REMOVE ENTIRE EXISTING BOILER SYSTEM INCLUDING BOILERS, FLUES, PUMPS, HWS/R PIPING, AND ALL ACCESSORIES.
23.17	REMOVE EXISTING ROOF MOUNTED EVAPORATIVE COOLER, STAND, CONTROLS, AND ALL SUPPLY DUCTWORK AND DIFFUSERS.
23.18	REMOVE EXISTING KITCHEN MAKEUP AIR UNIT, CONTROLS, AND ALL DUCTWORK AND DIFFUSERS.
23.19	EXISTING EXHAUST LOUVER TO REMAIN AND BE REUSED. REMOVE ALL EXISTING EXHAUST DUCTWORK CONNECTED TO LOUVER.



N A1 **MECHANICAL DEMOLITION PLAN - UPPER LEVEL**

3/16" = 1'-0"

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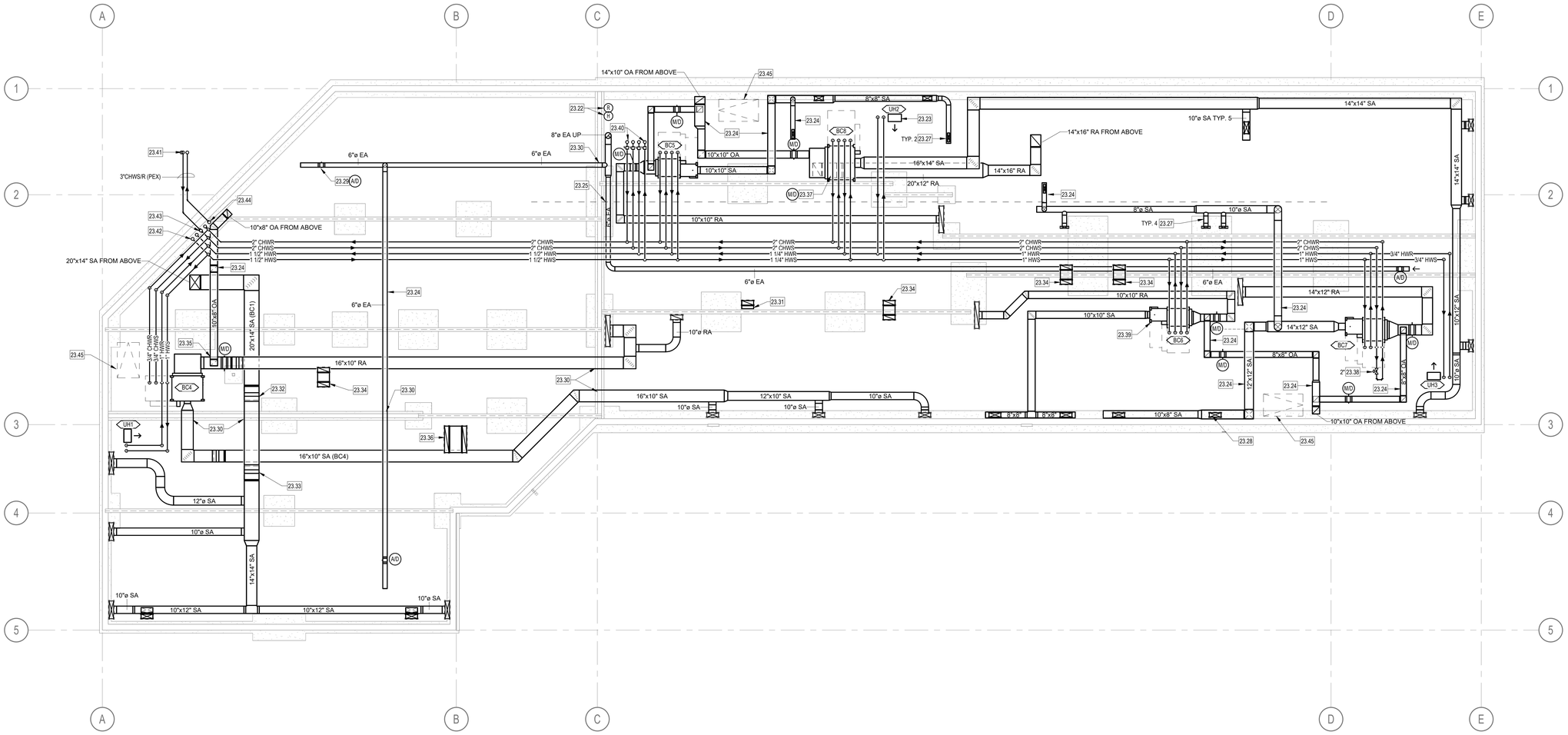
REVISIONS:

MD102

MECHANICAL DEMOLITION PLAN - UPPER LEVEL

KEYED NOTES

23.22	PROVIDE REMOTE TEMPERATURE AND HUMIDITY SENSORS IN THE CRAWLSPACE CONNECTED TO THE BAS.
23.23	SUSPEND UNIT HEATER FROM FLOOR STRUCTURE ABOVE WITH VIBRATION ISOLATORS. ROUTE HWS/R TO COIL CONNECTION, SEE DETAIL. TYP. ALL UNIT HEATERS.
23.24	ROUTE DUCT UP BETWEEN JOIST BAYS.
23.25	DASHED LINE SHOWS APPROX. LOCATION OF SEWER MAIN. COORDINATE DUCT HEIGHTS WITH SEWER MAIN.
23.27	6" SA TO 12"X3" WALL STACK UP THROUGH FLOOR.
23.28	PROVIDE FULL SIZE DUCT UP TO FLOOR GRILLE ABOVE, SEE MAIN LEVEL PLAN FOR FLOOR GRILLE SIZES. TYP. ALL FLOOR GRILLES.
23.29	SET AUTOMATIC BALANCING DAMPER TO 45 CFM AND COVER DUCT OPENING WITH WIRE MESH. TYP. 3.
23.30	ROUTE DUCT THROUGH PONY WALL. COORDINATE PENETRATION AND ANY FRAMING MODIFICATIONS REQUIRED WITH G.C. AND STRUCTURAL.
23.31	16"X6" CRAWLSPACE MAKEUP AIR DUCT WITH 1/2" LINER FROM FLOOR GRILLE ABOVE. PROVIDE ELBOW AND TERMINATE DUCT OPEN TO CRAWLSPACE WITH WIRE MESH.
23.32	OFFSET SA DUCT UP TIGHT TO BOTTOM OF JOISTS.
23.33	OFFSET DUCT DOWN BELOW BEAM.
23.34	CONNECT (2) 16"X6" TRANSFER FLOOR GRILLES ABOVE WITH 16"X6" (O.D.) DUCT WITH 1/2" LINER (15"X5" OPEN AREA).
23.35	TAP OA DUCT INTO TOP OF RA MAIN DOWNSTREAM OF RA MOTORIZED DAMPER. OA MOTORIZED DAMPER IS LOCATED ON MAIN LEVEL NEAR OA INTAKE LOUVER.
23.36	CONNECT (2) 36"X6" TRANSFER FLOOR GRILLES ABOVE WITH 36"X6" (O.D.) DUCT WITH 1/2" LINER (35"X5" OPEN AREA).
23.37	ROUTE 20"X12" RA BELOW FAN COIL AND TAP INTO BOTTOM OF RETURN PLENUM. PROVIDE MOTORIZED DAMPER IN RETURN MAIN BENEATH FAN COIL WITH ACTUATOR IN ACCESSIBLE LOCATION.
23.38	PROVIDE 2-WAY BYPASS VALVE WITH MODULATING ACTUATOR TO MAINTAIN MINIMUM CHILLER FLOW RATE.
23.39	SEE DETAILS FOR BLOWER COIL INSTALLATION AND HW AND CHW COIL CONNECTIONS. DASHED LINES REPRESENT CLEARANCE AREA REQUIRED FOR UNIT SERVICE. PROVIDE MOTORIZED DAMPERS ON RA AND OA DUCTS. TYP. ALL BLOWER COILS.
23.40	ROUTE 1" HWS/R AND 1-1/4" CHWS/R PIPES UP TO 2ND FLOOR ATTIC SPACE.
23.41	CHWS/R PIPES FROM CHILLER ABOVE. ROUTE PRE-INSULATED PEX PIPES BELOW GRADE TO CRAWLSPACE. SLEEVE PIPE PENETRATIONS THROUGH CRAWLSPACE WALL, COORDINATE WITH STRUCTURAL. TRANSITION TO METAL PIPE ONCE INSIDE BUILDING.
23.42	2" HWS/R UP TO 2ND FLOOR ATTIC. PROVIDE CAPPED DRAIN VALVES ON MAIN LINES IN CRAWLSPACE.
23.43	ROUTE 1-1/2"CHWS UP TO 2ND FLOOR ATTIC AND CONTINUE 2" CHWS THROUGH CRAWLSPACE.
23.44	2"CHWR UP TO 2ND FLOOR ATTIC AND 2-1/2"CHWR DOWN FROM 2ND FLOOR ATTIC. SEE CHILLER PIPING SCHEMATIC.
23.45	CRAWLSPACE ACCESS HATCH BY OTHERS, SEE ARCH.



MECHANICAL PLAN - CRAWLSPACE

3/16" = 1'-0"

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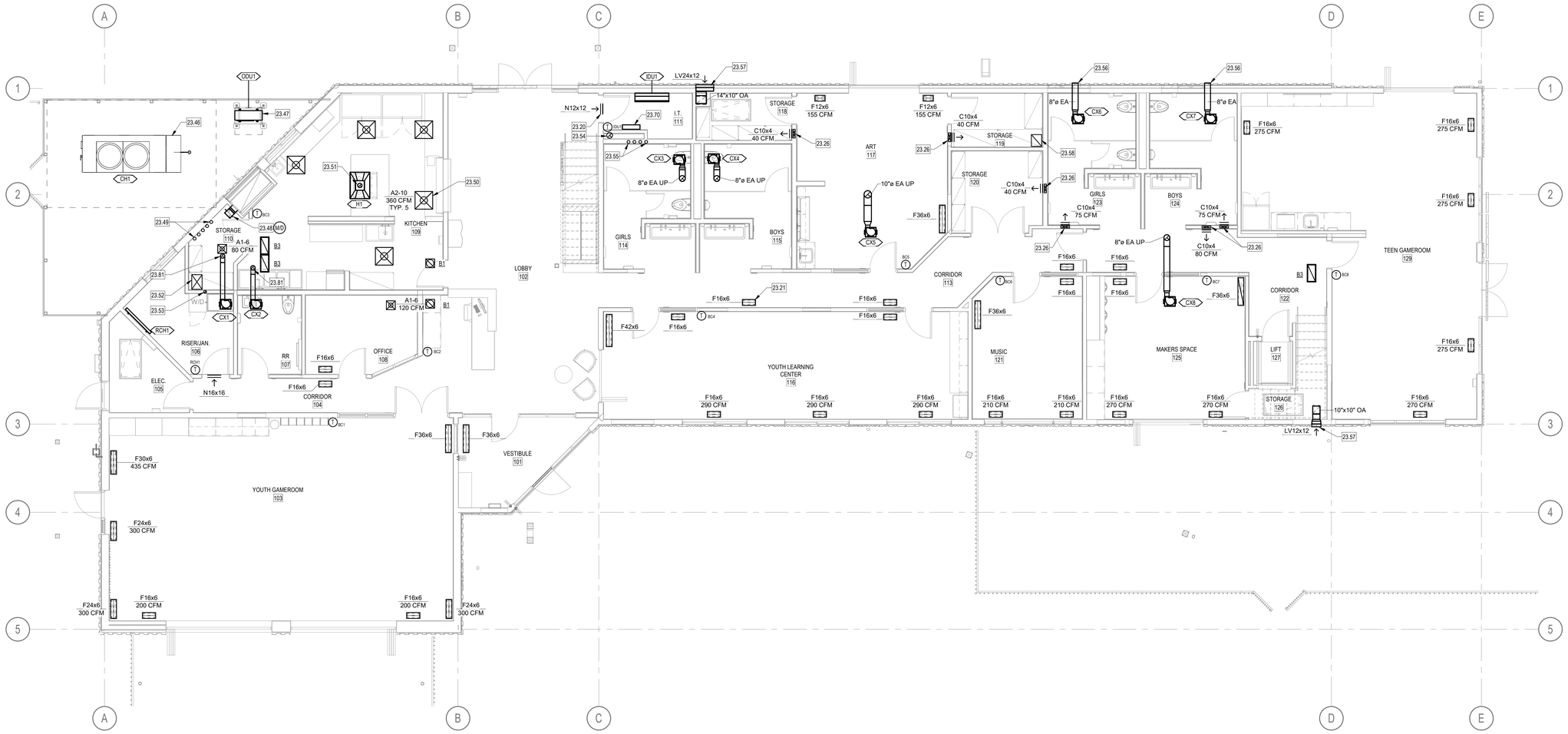
M100

MECHANICAL PLAN - CRAWLSPACE

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KEYED NOTES

23.20	MOUNT BOTTOM EDGE OF DOOR GRILLE WITHIN 12" OF FINISHED FLOOR PER ASHRAE 15 REQUIREMENTS.
23.21	RETURN GRILLE TO PROVIDE MAKEUP AIR FOR CRAWLSPACE.
23.26	12"X3" WALL STACK UP FROM CRAWLSPACE. PROVIDE SIDEWALL GRILLE HIGH ON WALL.
23.46	MOUNT CHILLER ON LEVEL CONCRETE PAD BY OTHERS. MAINTAIN 4' CLEARANCE ON ALL SIDES OF UNIT. ROUTE 3" PRE-INSULATED PEX LINES DOWN BELOW GRADE TO CRAWLSPACE. SEE CHILLER PIPING SCHEMATIC.
23.47	MOUNT MINI-SPLIT OUTDOOR UNIT ON 18" TALL STAND ON LEVEL CONCRETE PAD BY OTHERS. SECURED STAND TO CONCRETE PAD. ROUTE REFRIGERANT PIPES INTO BUILDING ABOVE GRADE, DOWN THROUGH CRAWLSPACE, AND UP TO INDOOR FAN COIL UNIT.
23.48	PROVIDE 10"X6" OA TAPPED OFF EXISTING OA MAIN AND ROUTE DOWN TO CRAWLSPACE TO SERVE BC4 BLOWER COIL. PROVIDE MOTORIZED DAMPER ABOVE FLOOR AND PROVIDE PROTECTION TO STOP DOOR SWING FROM COLLIDING WITH DUCT AND DAMPER ACTUATOR.
23.49	2" HWS/R, 1-1/2" CHWS, 2"CHWR, AND 2-1/2" CHWR ROUTED FROM CRAWLSPACE UP TO SECOND FLOOR. PROVIDE SHUTOFF VALVES ON ALL PIPES IN AN ACCESSIBLE LOCATION JUST ABOVE MAIN LEVEL FINISHED FLOOR.
23.50	ALL CEILING DIFFUSERS AND GRILLES ARE FED FROM ATTIC ABOVE. SEE UPPER LEVEL PLANS FOR CONTINUATION AND DIFFUSER SCHEDULE FOR NECK SIZES.
23.51	PROVIDE KITCHEN HOOD ABOVE RANGE. INSTALLED PER MANUFACTURER'S INSTRUCTIONS. PROVIDE 6" EA DUCT ROUTED FROM HOOD OUTLET UP THROUGH ROOF TERMINATE ABOVE ROOF WITH GOOSENECK AND BACKDRAFT DAMPER. SEE DETAIL.
23.52	14"X20" SA DOWN FROM ATTIC ABOVE, ROUTED DOWN TO CRAWLSPACE BETWEEN FLOOR JOISTS.
23.53	ROUTE 4" DRYER VENT UP THROUGH ROOF AND TERMINATE WITH GOOSENECK WITH BACKDRAFT DAMPER AND NO BIRDSCREEN.
23.54	8" EA UP FROM CRAWLSPACE. ROUTE UP TO ATTIC ABOVE.
23.55	1-1/4" CHWS/R AND 1" HWS/R UP FROM CRAWLSPACE BELOW. ROUTE IN WALL UP TO ATTIC ABOVE
23.56	TERMINATE EA DUCT WITH WALL CAP WITH BIRDSCREEN.
23.57	MOUNT LOUVER MINIMUM 18" ABOVE GRADE. ROUTE OA DUCT DOWN THROUGH FLOOR BETWEEN JOISTS TO CRAWLSPACE.
23.58	14"X16" RA DOWN FROM ATTIC ABOVE. ROUTE DOWN THROUGH FLOOR BETWEEN JOISTS TO CRAWLSPACE.
23.70	PROVIDE NEW DDC PANEL. SEE ELECTRICAL FOR 120V CIRCUIT AND DATA CONNECTION. COORDINATE IP ADDRESS WITH OWNER.
23.81	6" EA UP THROUGH ROOF, TERMINATE WITH GOOSENECK.



MECHANICAL PLAN - MAIN LEVEL

3/16" = 1'-0"

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Jason Ash

2026-08-28

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	**2540**
ISSUE DATE:	**2026-08-31**
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MECHANICAL PLAN - MAIN LEVEL

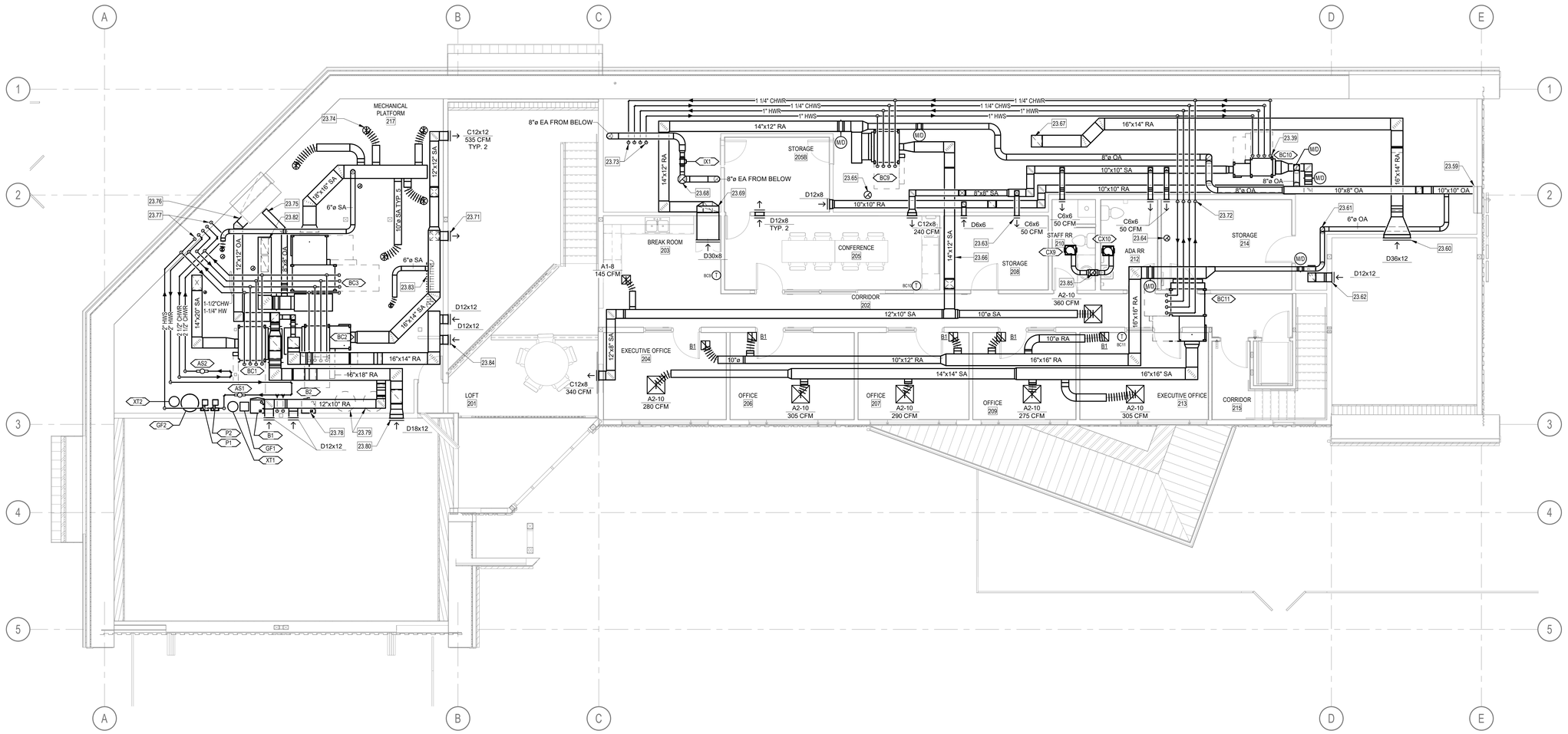
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KEYED NOTES

23.39	SEE DETAILS FOR BLOWER COIL INSTALLATION AND HW AND CHW COIL CONNECTIONS. DASHED LINES REPRESENT CLEARANCE AREA REQUIRED FOR UNIT SERVICE. PROVIDE MOTORIZED DAMPERS ON RA AND OA DUCTS. TYP. ALL BLOWER COILS.
23.59	CONNECT OA DUCT TO EXISTING LOUVER.
23.60	MOUNT RETURN GRILLE HIGH ON SIDEWALL. ROUTE DUCT ALONG BOTTOM OF ATTIC CEILING AND DOWN TO FLOOR.
23.61	ROUTE DUCT UP AND ALONG BOTTOM OF CEILING. ROUTE INTO ATTIC SPACE ABOVE STORAGE ROOM. MOUNT MOTORIZED DAMPER IN ACCESSIBLE LOCATION PRIOR TO ENTERING ATTIC.
23.62	MOUNT TRANSFER GRILLE HIGH ON SIDE WALL. ROUTE 12"X10" DUCT DOWN TO TRANSFER GRILLE MOUNTED IN CEILING BELOW.
23.63	MOUNT GRILLE AS HIGH AS ADJACENT ATTIC SPACE ALLOWS, TYP.
23.64	8" EA UP FROM BELOW. ROUTE UP THROUGH ROOF AN TERMINATE WITH GOOSENECK.
23.65	10" EA UP FROM BELOW. ROUTE UP THROUGH ROOF AN TERMINATE WITH GOOSENECK.
23.66	ROUTE DUCT ALONG FLOOR OF ROOM. RISE UP IN CORNER OF ROOM TO ATTIC SPACE. COORDINATE WITH ARCHITECTURAL CASE WORK IN THIS AREA.
23.67	ROUTE 14"X16" RA DOWN THROUGH FLOOR. COORDINATE ANY FRAMING MODIFICATIONS REQUIRED WITH STRUCTURAL.
23.68	8"EA FROM BELOW. TRANSITION TO 12"EA ABOVE FLOOR, CONNECT IX1 AND CX4 EXHAUST DUCTS TO DUCT AND CONTINUE 12" EA UP THROUGH ROOF AND TERMINATE WITH GOOSENECK.
23.69	ROUTE 30"X8" RA DOWN ALONG WALL AND TRANSITION TO 14"X12" RA ROUTED ALONG FLOOR.
23.71	MOUNT SUPPLY GRILLES JUST ABOVE FLOOR OF MECHANICAL PLATFORM. INSTALL RECESSED SO GRILLE FACE IS FLUSH WITH WALL SURFACE. PROVIDE ANY ACCESSORIES REQUIRED FROM MANUFACTURER TO ALLOW FOR RECESSED MOUNTING.

KEYED NOTES

23.72	ROUTE 3/4" HWS/R AND 1" CHWS/R UP WALL AND ALONG BOTTOM OF CEILING INTO ATTIC SPACE. PROVIDE SWIVEL JOINTS AS REQUIRED TO MATCH CEILING SLOPE.
23.73	1-1/4" CHWS/R AND 1" HWS/R UP FROM BELOW.
23.74	FLEX CONNECTION TO DIFFUSER BELOW. SEE DETAIL AND MAIN LEVEL PLAN FOR NECK SIZE. TYP.
23.75	TAP 8"X8" OA INTO EXISTING OA MAIN. ROUTE TO BC3 BLOWER COIL RETURN MAIN AND PROVIDE MOTORIZED DAMPER. TAP INTO RETURN MAIN DOWNSTREAM OF RA MOTORIZED DAMPER.
23.76	TAP 12"X12" OA INTO EXISTING OA MAIN. ROUTE TO BC1 AND BC2 BLOWER COIL RETURN MAINS AND PROVIDE MOTORIZED DAMPERS. TAP 12"X12" OA INTO BC1 RETURN MAIN AND 8"X8" OA INTO BC2 RETURN MAIN. TAP INTO RETURN MAINS DOWNSTREAM OF RA MOTORIZED DAMPERS.
23.77	2" HWS/R, 1-1/2" CHWS, 2"CHWR, AND 2-1/2" CHWR UP FROM CRAWLSPACE. SEE BOILER AND CHILLER PIPING SCHEMATICS FOR MORE DETAILS.
23.78	WALL MOUNTED BOILER. ROUTE 4" FLUE AND CA PIPES UP THROUGH ROOF AND TERMINATE WITH CONCENTRIC VENT KIT. MAINTAIN 24" CLEAR SPACE ON FRONT, TOP, AND BOTTOM SIDES. MAINTAIN 12" CLEAR ON LEFT SIDE. TYP. 2 BOILERS.
23.79	LEAVE SPACE FOR WATER HEATER INSTALLATION BY OTHERS, SEE PLUMBING PLANS.
23.80	INSTALL NEW RETURN GRILLES IN THIS WALL IN LOCATION EXISTING GRILLES WERE REMOVED FROM TO UTILIZE OPENINGS IN WALL FRAMING.
23.82	10"X22" RA UP FROM BELOW, TYP. 2. TAP INTO BOTTOM OF 18"X16" RA MAIN AND ROUTE TO BC3 RETURN INLET. PROVIDE MOTORIZED DAMPER IN RA MAIN UPSTREAM OF WHERE OA DUCT TAPS IN.
23.83	CONNECT TRANSFER GRILLES WITH 10" FLEX DUCT.
23.84	INSTALL RETURN GRILLES AS HIGH AS POSSIBLE ON WALL. INSTALL RECESSED SO GRILLE FACE IS FLUSH WITH WALL SURFACE. PROVIDE ANY ACCESSORIES REQUIRED FROM MANUFACTURER TO ALLOW FOR RECESSED MOUNTING.
23.85	8" EA UP THROUGH ROOF. TERMINATE WITH GOOSENECK.



MECHANICAL PLAN - UPPER LEVEL

3/16" = 1'-0"

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2026-08-28

PROJECT TEAM:

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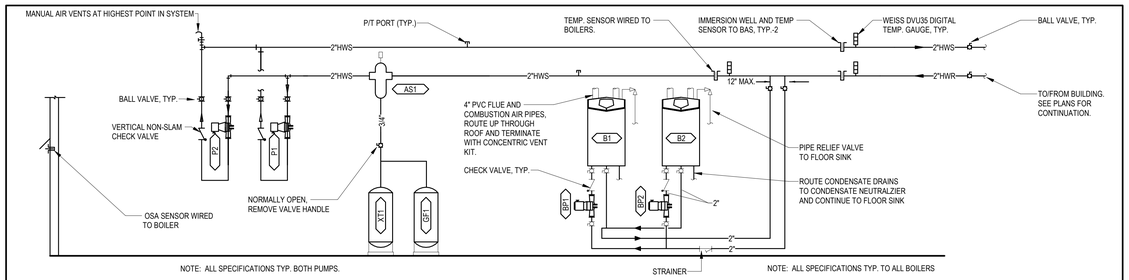
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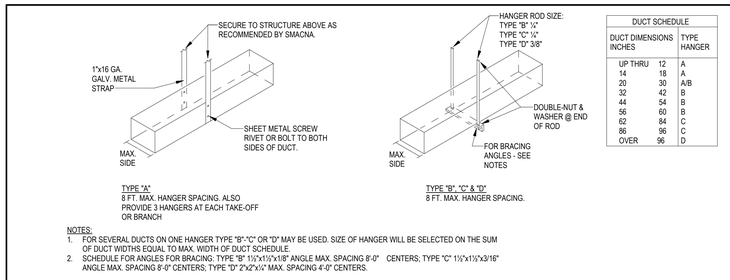
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MECHANICAL PLAN - UPPER LEVEL

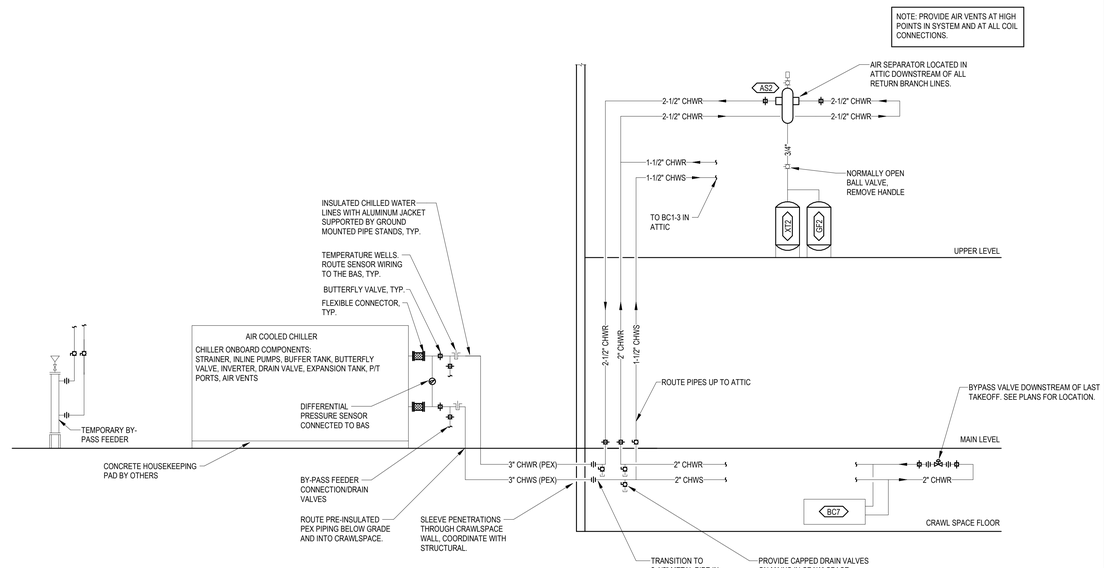


E2 BOILER PIPING SCHEMATIC



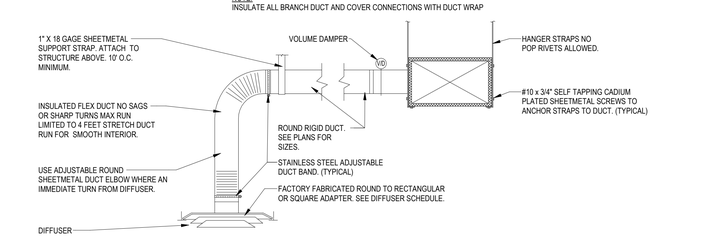
DUCT SCHEDULE		
DUCT DIMENSIONS INCHES		TYPE HANGER
UP THRU	12	A
14	18	A
20	30	A/B
32	42	B
44	54	B
56	60	B
62	84	C
86	96	C
OVER	96	D

E5 DUCT HANGER DETAIL

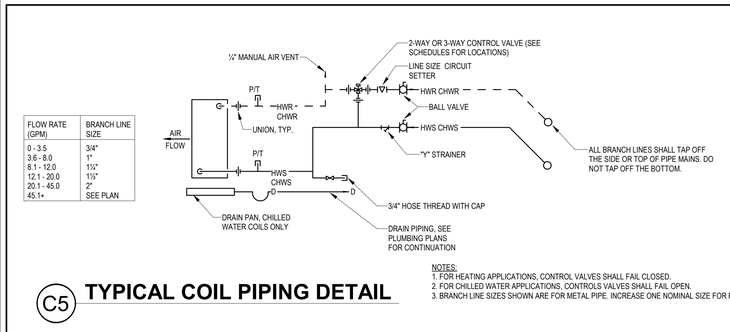


C2 CHILLED WATER SYSTEM PIPING SCHEMATIC

NOTE:
INSULATE ALL BRANCH DUCT AND COVER CONNECTIONS WITH DUCT WRAP



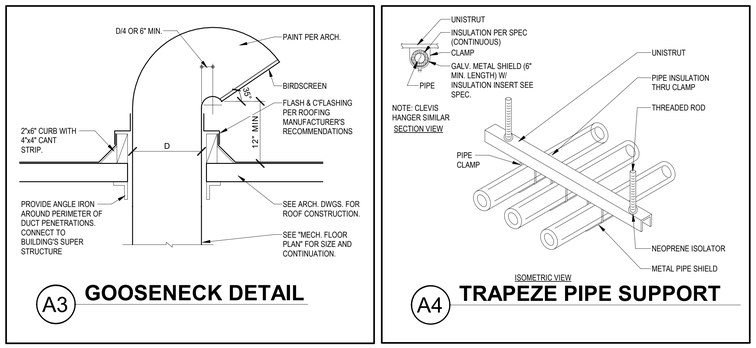
D5 TYPICAL DIFFUSER CONNECTION DETAIL



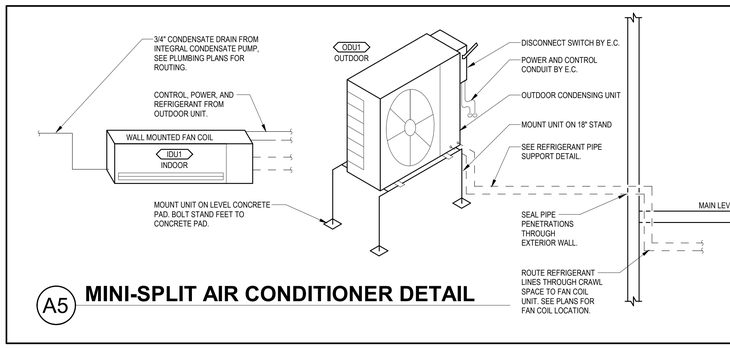
FLOW RATE (GPM)	BRANCH LINE SIZE
0 - 3.5	3/4"
3.6 - 8.0	1"
8.1 - 12.0	1½"
12.1 - 20.0	1½"
20.1 - 45.0	2"
45.1+	SEE PLAN

NOTES:
1. FOR HEATING APPLICATIONS, CONTROL VALVES SHALL FAIL CLOSED.
2. FOR CHILLED WATER APPLICATIONS, CONTROLS VALVES SHALL FAIL OPEN.
3. BRANCH LINE SIZES SHOWN ARE FOR METAL PIPE. INCREASE ONE NOMINAL SIZE FOR PEX.

C5 TYPICAL COIL PIPING DETAIL



B3 REFRIGERANT PIPING SUPPORT DETAIL



B5 BLOWER COIL UNIT DETAIL

A3 GOOSENECK DETAIL

A4 TRAPEZE PIPE SUPPORT

A5 MINI-SPLIT AIR CONDITIONER DETAIL

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2026-08-28

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MECHANICAL DETAILS

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BLOWER COIL SCHEDULE

BLOWER COIL- HORIZONTAL BLOWER COIL W/ 1" MATTE FACED INSULATION, HYDRONIC COOLING COIL WITH 30%PG, HYDRONIC PREHEATING COIL WITH 30%PG, AHRI 430 CERTIFIED DIRECT DRIVE ECM SUPPLY FAN, DRAIN PAN WITH CONDENSATE OVERFLOW SWITCH, DISCONNECT SWITCH, 2" MERV13 FILTER, AND FACTORY PROVIDED DISCHARGE SOUND ATTENUATOR WHERE NOTED BELOW. CONTROLS CONTRACTOR TO PROVIDE MODULATING CONTROL VALVES (SIZED FOR MAX. 5' W.C. P.D.), DDC CONTROLLER, AND THERMOSTAT. WINTER AMBIENT = 0°F.; SUMMER AMBIENT = 89°F/58°F. DB/WB. ALL PERFORMANCE DATA BELOW IS SCHEDULED AT 6,500' A.S.L.
"TRANE"

*NOTE: CONNECTION AND ACCESS SIDE ARE BASED ON LOOKING AT THE UNIT WITH SUPPLY AIR BLOWING IN YOUR FACE.

						COOLING COIL								HEATING COIL								CONNECTION/ACCESS	DISCHARGE	RA INLET	SA OUTLET	ELECTRICAL					WEIGHT
UNIT NO.	SERVES	MODEL	CFM	ESP	OA CFM	ROWS	S. MBH	T. MBH	EAT (°F DB/WB)	LAT (°F DB)	GPM	FPD ('WC)	EWT (°F)	LWT (°F)	VALVE TYPE	ROWS	MBH	EAT (°F)	LAT (°F)	GPM	FPD ('WC)	EWT (°F)	LWT (°F)	VALVE TYPE	SIDE	ATTENUATOR	(W"xH")	(W"xH")	BHP	HP	VOLTS	PHASE	FLA	MCA	MOCP	(LBS.)
BC1	103 YOUTH GAME	BCHE054	1735	1.0	535	6	36.0	36.0	79/58	55	10	3.5	45	53	2-WAY	2	69.6	48	95	4.0	1.2	140	105	2-WAY	RIGHT	NO	40" x 16.33"	12.1" x 10"	1.008	1.5	208	3	5.2	6.5	15 A	252
BC2	102 LOBBY	BCHE036	1190	1.0	120	6	21.6	21.6	76/56	55	3.3	1.5	45	59	2-WAY	2	32.5	63	95	2.2	1.6	140	109	2-WAY	LEFT	YES	36" x 12.33"	14" x 13"	0.809	1	208	3	3.7	4.63	15 A	237
BC3	109 KITCHEN	BCHE072	1880	1.0	170	6	34.1	34.1	76/56	55	7.0	2.2	45	56	2-WAY	2	49.7	64	95	2.7	0.6	140	100	2-WAY	LEFT	YES	52" x 16.33"	26" x 14"	1.333	1.5	208	3	5.2	6.50	15 A	381
BC4	116 YOUTH LEARNING	BCHE036	870	1.0	305	6	18.8	18.8	80/59	55	2.7	1.2	45	60	2-WAY	2	37.1	45	95	1.7	0.8	140	95	2-WAY	LEFT	NO	36" x 12.33"	8.6" x 9.85"	0.394	0.5	208	3	2.0	2.5	15 A	192
BC5	117 ART	BCHE012	390	1.0	165	6	8.7	8.7	81/59	55	1.7	1.7	45	56	2-WAY	2	18.1	40	95	1.2	1.1	140	109	2-WAY	RIGHT	YES	18" x 12.33"	9" x 13"	0.207	0.5	208	3	2.0	2.5	15 A	150
BC6	121 MUSIC	BCHE012	420	1.0	115	6	8.7	8.7	79/58	55	1.8	1.8	45	56	2-WAY	2	15.8	51	95	1.5	1.8	140	117	2-WAY	RIGHT	YES	18" x 12.33"	9" x 13"	0.222	0.5	208	3	2.0	2.5	15 A	150
BC7	125 MAKERS SPACE	BCHE024	810	1.0	215	6	16.8	16.8	79/58	55	3.6	3.1	45	55	2-WAY	2	30.4	51	95	1.5	1.4	140	99	3-WAY	RIGHT	YES	24" x 12.33"	9" x 13"	0.628	1	208	3	3.7	4.63	15 A	180
BC8	129 TEEN GAME	BCHE054	1370	1.0	470	6	29.6	29.6	80/59	55	6.0	1.6	45	55	2-WAY	2	57.3	46	95	4.7	1.7	140	114	2-WAY	RIGHT	NO	40" x 16.33"	12.1" x 10"	0.607	1	208	3	3.7	4.63	15 A	232
BC9	203 BREAK ROOM	BCHE036	845	1.0	165	6	16.8	16.8	78/57	55	2.6	1.1	45	59	2-WAY	2	28.1	56	95	1.2	0.5	140	93	2-WAY	LEFT	NO	36" x 12.33"	8.6" x 9.85"	0.373	0.5	208	3	2.0	2.5	15 A	192
BC10	205 CONFERENCE	BCHE012	440	1.0	130	6	9.2	9.2	79/59	55	2.0	2.1	45	55	2-WAY	2	17.3	49	95	1.7	2.4	140	119	2-WAY	LEFT	YES	18" x 12.33"	9" x 13"	0.236	0.5	208	3	2.0	2.50	15 A	150
BC11	SOUTH OFFICES	BCHE054	1455	1.0	75	6	26.4	26.4	76/56	55	5.5	1.4	45	55	2-WAY	2	36.0	66	95	2.9	0.7	140	114	3-WAY	LEFT	YES	40" x 16.33"	20" x 14"	0.799	1	208	3	3.7	4.63	15 A	292

BOILER SCHEDULE

BOILER: DIRECT VENT, CONDENSING, NATURAL GAS, 95%+ DOE AFUE EFF. BOILER CONSTRUCTED IN COMPLIANCE WITH SECTION IV OF ASME CODE. COMPLETE W/ INTEGRAL DIGITAL OPERATING CONTROL, INTEGRAL CASCADING CONTROLS, 10:1 MODULATING FIRING, HIGH LIMIT TEMP. CONTROLLER W/ MANUAL RESET, HIGH & LOW GAS PRESSURE SWITCH, LOW WATER CUTOFF, CONDENSATE TRAP AND NEUTRALIZATION KIT, LOW VOLTAGE TERMINAL STRIP, ASME RELIEF VALVE, CONCENTRIC VENT KIT, ECM VARIABLE SPEED BOILER PUMP, AND BACNET COMMUNICATION. FLUID = 30% PROPYLENE GLYCOL, MBH OUTPUT SCHEDULED AT EWT/LWT AND 6,500' ASL. CONTROLS CONTRACTOR TO CONNECT BOILERS TOGETHER FOR MULTI BOILER CASCADE SEQUENCING AND CONNECT TO BAS.
"LOCHINVAR"

									ELECTRICAL			
UNIT NO.	MODEL	INPUT MBH	OUTPUT MBH	MIN. GPM	MAX. GPM	EWT (°F)	LWT (°F)	WEIGHT (LBS.)	FLA	MCA	VOLTS	PHASE
B1	WHB285N	285	252	1.5	27	120	140	184	3.6	4.5	120 V	1
B2	WHB285N	285	252	1.5	27	120	140	184	3.6	4.5	120 V	1

CHILLER SCHEDULE

CHILLER: AIR-COOLED CHILLER WITH (2) SCROLL COMPRESSORS, R-454B REFRIGERANT, 2-STAGE COOLING CONTROL, ALUMINUM FINNED COPPER TUBE CONDENSER COIL, STAINLESS STEEL BRAZE PLATE EVAPORATOR, DIRECT-DRIVE VERTICAL DISCHARGE CONDENSER FAN, UNIT-MOUNTED STARTER, INTEGRAL CONTROLLER WITH BACNET COMMUNICATION, TOUCH SCREEN CONTROLLER, SINGLE-POINT 3-PHASE POWER CONNECTION FOR UNIT (ADDITIONAL POWER CONNECTION REQUIRED FOR HEAT TRACE), CIRCUIT BREAKER WITH HIGH FAULT RATED CONTROL PANEL, METAL CABINET AND FRAME WITH REMOVABLE PANELS, AND ELASTOMERIC ISOLATORS. INCLUDE PUMP PACKAGE WITH (2) PUMPS SIZED FOR ONE REDUNDANT PUMP, VFD, EXPANSION TANK, DRAINAGE VALVE, SHUT-OFF VALVES, AND BUFFER TANK. PROVIDE UNIT WITH EVAPORATOR HEATER AND BUFFER TANK HEATER, EACH REQUIRES A DEDICATED 115V/1Ø/20AMP CIRCUIT. UNIT SHALL BE RATED FOR COMPLIANCE WITH 2019 ASHRAE 90.1 HEATING AND COOLING EFFICIENCIES. ALL PERFORMANCE DATA BELOW IS SCHEDULED AT THE FOLLOWING DESIGN CONDITIONS: 6,500' A.S.L., 89°F DB/58°F WB SUMMER AMBIENT.
"TRANE"

				COOLING							PUMP PACKAGE				ELECTRICAL						
UNIT NO.	MODEL	NOMINAL TONS	FLUID	OUTPUT (MBH)	EER	DESIGN GPM	MIN. GPM	W.P.D. ('WC)	EWT (°F)	LWT (°F)	PUMP HP	PUMP TDH @ DESIGN GPM ('WC)	EXPANSION TANK VOLUME (GAL.)	BUFFER TANK VOLUME (GAL.)	MCA	MOCP	VOLTS	PHASE	SCCR (kA)	TOTAL WEIGHT (LBS.)
CH1	CGAM	20	30% P.G.	228	11.37	48.2	29.3	18.1	55	45	5	95	5	140	120	175	208	3	65	4564

CEILING EXHAUSTER SCHEDULE

CEILING EXHAUSTER: CEILING MOUNTED FAN WITH INTEGRAL ALUMINUM GRILLE, VARIABLE SPEED EC MOTOR, FAN MOUNTED SPEED CONTROL SWITCH, VIBRATION ISOLATORS, HANGING RODS AND BACKDRAFT DAMPER.
"COOK"

				FAN EFFICACY		ELECTRICAL				
UNIT NO.	MODEL	CFM	ESP ("W.C.)	INPUT WATTS	CFM/WATT	AMPS	VOLTS	PHASE	WEIGHT (LBS.)	SERVES
CX1	GCVF180	105	0.25	11	9.5	1.2	115 V	1	16	106 RISER;IAN
CX2	GCVF100	70	0.25	7	10	0.26	115 V	1	16	107 RR
CX3	GCVF180	215	0.25	47	4.6	1.2	115 V	1	16	114 GIRLS
CX4	GCVF180	215	0.25	47	4.6	1.2	115 V	1	16	115 BOYS
CX5	GCVF180	235	0.25	59	4.0	1.2	115 V	1	16	117 ART
CX6	GCVF180	215	0.25	47	4.6	1.2	115 V	1	16	123 GIRLS
CX7	GCVF180	215	0.25	47	4.6	1.2	115 V	1	16	124 BOYS
CX8	GCVF180	215	0.25	47	4.6	1.2	115 V	1	16	125 MAKERS SPACE
CX9	GCVF100	70	0.25	7	10	0.26	115 V	1	16	210 STAFF RR
CX10	GCVF180	70	0.25	7	10	0.26	115 V	1	16	212 ADA RR

HYDRONIC UNIT HEATER

HYDRONIC UNIT HEATER: HYDRONIC UNIT HEATER W/ HEATING COIL, 30% PROPYLENE GLYCOL, SUPPLY FAN WITH FAN GUARD, DISCONNECT SWITCH. CONTROLS CONTRACTOR TO PROVIDE NEW DDC CONTROLLER, 2-WAY CONTROL VALVE, AND THERMOSTAT. PROVIDE 120V TO 24V TRANSFORMER AS REQUIRED. AMBIENT CONDITIONS: WINTER = 0°F. 6,500' A.S.L.
"TRANE"

										ELECTRICAL					
UNIT NO.	MODEL	CFM	CAPACITY (MBH)	EWT (°F)	GPM	WPD (FT. W.C.)	EAT (°F)	LAT (°F)	DIMENSIONS (L"XW"XH")	MCA	MOCP	WATTS	VOLTS	PHASE	SERVES
UH1	S-A25	580	13.7	140	2.8	2.7	50	78	18" x 9.5 " x16"	1.5	2.7	25	115 V	1	CRAWLSPACE
UH2	S-A25	580	13.7	140	2.8	2.7	50	78	18" x 9.5 " x16"	1.5	2.7	25	115 V	1	CRAWLSPACE
UH3	S-A25	580	13.7	140	2.8	2.7	50	78	18" x 9.5 " x16"	1.5	2.7	25	115 V	1	CRAWLSPACE

RADIANT COVE HEATER SCHEDULE

RADIANT COVE HEATER: ELECTRICAL HORIZONTAL RADIANT HEATER. MINIMUM MOUNTING HEIGHT 6' A.F.F. AND 4.5" BELOW CEILING. CONTROLS CONTRACTOR TO PROVIDE DDC THERMOSTAT AND 120V/24V TRANSFORMER.
"OUELLET"

UNIT NO.	MODEL	WATTS	VOLTS	PHASE	LENGTH	WEIGHT (LBS)	SERVES
RCH1	ORC0602	600	120 V	1	47	8	106 RISER;IAN

MINI-SPLIT OUTDOOR SCHEDULE

CONDENSING UNIT: EXTERIOR MOUNTED, SINGLE-ZONE, CONDENSING UNIT WITH R454B REFRIGERANT, LOW AMBIENT COOLING DOWN TO -40°F. PROVIDE ALL ACCESSORIES REQUIRED FOR LOW AMBIENT COOLING OPERATION, CONDENSER COIL HAIL GUARDS, 18" TALL STAND, AND ALL REFRIGERANT PIPE REQUIRED FOR INSTALLATION. GUARANTEED COOLING DOWN TO -40°F. SUMMER AMBIENT = 89°F DB/58°F WB.; WINTER AMBIENT = 0°F. 6,500' A.S.L.
"TRANE"

					ELECTRICAL				
UNIT NO.	MODEL	CONNECTED CAPACITY	ESTIMATED REFRIGERANT CHARGE (LBS.)	MBH COOL	SEER2	WEIGHT (LBS.)	MCA	MOCP	VOLTS	PHASE	SERVES
CDU1	PUY-AH24NL	100%	7.72	17.1	21.1	255	22	37 A	208 V	1	IDU1

MINI SPLIT INDOOR SCHEDULE

FAN COIL: WALL MOUNTED FAN COIL W/ R454B CUOL, EXTERIOR MOUNTED CONDENSING UNIT, MULTI-SPEED SUPPLY FAN. PROVIDE 208V CONDESATE PUMP ACCESSORY WITH RESERVOIR AND SENSOR, "PROCON" MELCOBEMS MINI BAS INTERFACE, AND WALL MOUNTED PROGRAMMABLE THERMOSTAT. INDOOR UNIT IS POWERED BY OUTDOOR UNIT. 6,500' A.S.L.
"TRANE"

			COOLING		WEIGHT	ELECTRICAL			
UNIT NO.	MODEL	CFM	T. MBH	S. MBH	(LBS.)	VOLTS	PHASE	OUTDOOR UNIT	SERVES
IDU1	PKA-AK24NL	775	17.1	16.8	46	208 V	1	ODU1	111 IT

INLINE PUMP SCHEDULE

INLINE PUMP: SINGLE STAGE CLOSE-COUPLED IN-LINE CENTRIFUGAL PUMP WITH FAN-COOLED PERMANENT MAGNET MOTOR, INTEGRAL VFD AND DIFFERENTIAL PRESSURE SENSOR, PUMP MOUNTED CONTROLLER, COMPOSITE IMPELLER, CAST-IRON HOUSING, AND MECHANICAL SHAFT SEAL.
"GRUNDFOS"

					ELECTRICAL			WEIGHT	
UNIT NO.	MODEL	GPM	TDH (FT. W.C.)	FLUID	WATTS	VOLTS	PHASE	(LBS.)	SERVES
P1	MAGNA3 40-180 GF	34	39	30% P.G.	600	208 V	1	35	BUILDING HW CIRCULATION
P2	MAGNA3 40-180 GF	34	39	30% P.G.	600	208 V	1	35	BUILDING HW CIRCULATION

INLINE FAN SCHEDULE

INLINE EXHAUSTER: INLINE FAN WITH PLASTIC RESIN CONSTRUCTION, EC MOTOR WITH INTEGRAL POTENTIOMETER, VIBRATION ISOLATORS, AND MOUNTING BRACKET. INCLUDE BACKDRAFT DAMPER. CONTROLS CONTRACTOR TO PROVIDE DDC CONTROLLER.
"FANTECH"

UNIT NO.	MODEL	CFM	ESP (" W.C.)	ELECTRICAL			WEIGHT (LBS.)
				WATTS	VOLTS	PHASE	
IX1	PRIOAIR 6 EC	135	0.5	64	120 V	1	3.7

DOMESTIC HOOD SCHEDULE

H1 ISLAND HOOD: 36" LONG, UL 507 LISTED ISLAND RANGE HOOD WITH INTERNAL BLOWER WITH 600 CFM MAX. AIRFLOW AND DUCT COVERS. 70 LBS.
ELECTRICAL: 120V., 1Ø, 300 WATTS
"VICTORY" MODEL 36" TWISTER ISLAND

CHILLER CLEANING SEQUENCE

1. PRESSURE TEST THE SYSTEM TO 1.5 TIMES THE OPERATING PRESSURE OR NO LESS THAN 100PSIG FOR A MINIMUM OF 15 MINUTES.
2. AFTER PRESSURE TEST, OPEN ALL CONTROL VALVES. FILL, AND VENT PIPES PRIOR TO CLEANING.
3. ADD CLEANER TO CLOSED SYSTEMS AT CONCENTRATION AS RECOMMENDED BY MANUFACTURER.
4. CIRCULATE FOR 12 HOURS MINIMUM. DRAIN SYSTEMS AND REFILL WITH CLEAN WATER. CIRCULATE FOR 6 HOURS, THEN DRAIN. REFILL WITH CLEAN WATER. REPEAT UNTIL SYSTEM IS CLEAN.
5. REMOVE, CLEAN, AND REPLACE STRAINER SCREENS. FIX ANY SMALL LEAKS THROUGHOUT SYSTEM. DISASSEMBLE SYSTEM COMPONENTS TO INSPECT AND REMOVE SLUDGE. FLUSH LOW POINTS WITH CLEAN WATER AFTER CLEANING PROCESS IS COMPLETED.
6. AFTER BOILER PLANT CLEANING IS COMPLETE, FILL, START, AND VENT THE REMAINING SYSTEM. RECORD FLUID CAPACITY IN THE SYSTEM.

CHILLER CLEANING SEQUENCE

1. PRESSURE TEST THE SYSTEM TO 1.5 TIMES THE OPERATING PRESSURE OR NO LESS THAN 100PSIG FOR A MINIMUM OF 15 MINUTES.
2. AFTER PRESSURE TEST, ISOLATE CHILLER PLANT, OPEN BYPASS CLEANING LINE, AND OPEN END OF LINE BYPASS VALVE. FILL, AND VENT PIPES PRIOR TO CLEANING.
3. ADD CLEANER TO CLOSED SYSTEMS AT CONCENTRATION AS RECOMMENDED BY MANUFACTURER.
4. CIRCULATE FOR 12 HOURS MINIMUM. DRAIN SYSTEMS AND REFILL WITH CLEAN WATER. CIRCULATE FOR 6 HOURS, THEN DRAIN. REFILL WITH CLEAN WATER. REPEAT UNTIL SYSTEM IS CLEAN.
5. REMOVE, CLEAN, AND REPLACE STRAINER SCREENS. FIX ANY SMALL LEAKS THROUGHOUT SYSTEM. DISASSEMBLE SYSTEM COMPONENTS TO INSPECT AND REMOVE SLUDGE. FLUSH LOW POINTS WITH CLEAN WATER AFTER CLEANING PROCESS IS COMPLETED.
6. AFTER CHILLER PLANT CLEANING IS COMPLETE, FILL, START, AND VENT THE REMAINING SYSTEM. RECORD FLUID CAPACITY IN THE SYSTEM. PLACE TERMINAL CONTROL VALVES IN OPEN POSITION. CLOSE BYPASS CLEANING LINE.

AIR BALANCE SUMMARY

Supply Air		Exhaust	
Device	CFM	Device	CFM
FC1	+535	H1	-600
FC2	+120	CX1	-105
FC3	+170	CX2	-70
FC4	+305	CX3	-215
FC5	+165	CX4	-215
FC6	+115	CX5	-235
FC7	+215	CX6	-215
FC8	+470	CX7	-215
FC9	+165	CX8	-215
FC10	+130	CX9	-70
FC11	+75	CX10	-70
		IX1	-135
		Dryer Exh.	-100
Totals:	**+2465**		**-2460**
TOTAL AIRFLOW:		**+5 CFM**	

DIFFUSER SCHEDULE

A CEILING DIFFUSER: 4-WAY, ADJUSTABLE VERTICAL/HORIZONTAL THROW STEEL CEILING DIFFUSER, ROUND NECK. SEE PLAN FOR CFM, CEILING TYPE, FACE AND NECK SIZE. NC<30.
A1-X = 12" x 12" PANEL SIZE, X"Ø CONNECTION.
A2-X = 24" x 24" PANEL SIZE, X"Ø CONNECTION.
"TITUS" TMSA

B CEILING RETURN GRILLE: ALUMINUM EGG-CRATE STYLE RETURN GRILLE WITH 1/2"x1/2"x1/2" GRID PATTERN. PROVIDE OBD WHEN GRILLE IS USED FOR EXHAUST. SEE PLAN FOR SIZE, CFM AND CEILING TYPE. NC<30.
B1 = 12" x 12" PANEL SIZE (10"x10" DUCT SIZE), B2 = 24" x 24 " PANEL SIZE (22"x22" DUCT SIZE).
"TITUS" MODEL 50F

C SUPPLY GRILLE: STEEL FRAME, SURFACE MOUNT (EXCEPT WHERE NOTED ON PLANS AS RECESSED), DOUBLE DEFLECTION VANES WITH LONG FRONT BLADES AND OBD, SEE PLAN FOR SIZE AND CFM. FIELD PAINT PER ARCHITECT. NC<25.
"TITUS" 300RL

D RETURN GRILLE: STEEL CONSTRUCTION, SURFACE MOUNT (EXCEPT WHERE NOTED ON PLANS AS RECESSED), 35° FIXED DEFLECTION. PROVIDE OBD WHEN GRILLE IS USED FOR EXHAUST. SEE PLANS FOR SIZE AND CFM. FIELD PAINT PER ARCHITECT. NC<25.
"TITUS" 350RL

F FLOOR MOUNTED GRILLE: ALUMINUM FRAME, FIXED BARS WITH 0° DEFLECTION, PENCIL PROOF CONSTRUCTION WITH 7/32" BAR THICKNESS AND 7/16" BAR SPACING, HEAVY DUTY FRAME WITH 1" FLANGE FOR FLOOR MOUNTING APPLICATIONS. FURNISH WITH OBD. SEE PLAN FOR SIZE AND CFM. NC<25.
"TITUS" CT-PP-0

LV LOUVER: ALUMINUM, WEATHER RESISTANT BLADE DESIGN, INSECT SCREEN, COLOR PER ARCHITECT. A MINIMUM OF 0.10 OZ. OF WATER CARRY-OVER AT 1023FPM FREE AREA VELOCITY AND 0.185" W.C. PRESSURE DROP. SEE PLANS FOR LOUVER SIZE AND FREE AREA SIZE.
"RUSKIN" ELF6375DXH

N NON-VISION DOOR GRILLE: ALUMINUM CONSTRUCTION, SIGHT PROOF V-BLADES. INCLUDE AUXILLIARY FRAME FOR BACKSIDE, ADJUSTABLE TO FIT DOOR THICKNESS. SEE PLAN FOR SIZE. FIELD PAINT PER ARCHITECT.
"TITUS" CT700L

DAMPER SCHEDULE

A/D AUTOMATIC BALANCING DAMPER: PRESSURE INDEPENDENT AUTOMATIC AIRFLOW REGULATION DAMPER WITH THERMOPLASTIC ANTIMICROBIAL CONSTRUCTION, UL2043 LISTED. SEE PLANS FOR SIZE AND CFM
"RUSKIN" ABD

B/D BACKDRAFT DAMPER: EXTRUDED ALUMINUM, PARALLEL BLADE WITH ADJUSTABLE COUNTER WEIGHT. MAXIMUM LEAKAGE RATE OF 20 CFM/SF IF EITHER DIMENSION IS 24" OR LARGER. MAXIMUM LEAKAGE RATE OF 40 CFM/SF IF BOTH DIMENSIONS ARE LESS THAN 24". LEAKAGE RATES SHALL BE DETERMINED AT 1.0" W.C. AND SHALL BE AMCA 500D TESTED.
"RUSKIN" CBD2

M/D MOTORIZED DAMPER: EXTRUDED ALUMINUM OPPOSED BLADE WITH "BELIMO" ACTUATOR WITH 24V POWER, ON/OFF CONTROL INPUT WITH ADJUSTABLE END STOP, AND SPRING RETURN. RETURN DAMPER ACTUATORS SHALL FAIL OPEN, OUTSIDE AIR DAMPER ACTUATORS SHALL FAIL CLOSED. CLASS 1 MAXIMUM LEAKAGE RATE AT 4 CFM PER SQ.FT. AT 1.0"W.C. AMCA 500D TESTED. PROVIDE 120V/24V TRANSFORMER.
"RUSKIN" MODEL TED50

V/D VOLUME DAMPER: MANUAL BALANCING DAMPER WITH GALVANIZED STEEL FRAME AND BLADES, LOCKING QUADRANT, 1500 FPM MAX VELOCITY.
"RUSKIN" MD35 (RECTANGULAR), MDRS25 (ROUND)

HYDRONIC SPECIALTIES SCHED

AS1 AIR/DIRT SEPARATOR (HEATING WATER): ASME CONSTRUCTION, DRAIN VALVE, AUTOMATIC AIR VENT, 60GPM MAX.
"SPIROVENT" MODEL VDT200 SENIOR 2"

AS2 AIR/DIRT SEPARATOR (CHILLED WATER): ASME CONSTRUCTION, DRAIN VALVE, AUTOMATIC AIR VENT, 90GPM MAX.
"SPIROVENT" MODEL VDT250 SENIOR 2-1/2"

CS CIRCUIT SETTER: CALIBRATED BALANCE VALVES WITH NPT AND SOLDER CONNECTIONS
"BELL & GOSSETT" MODEL CIRCUIT SETTER PLUS

GF1 GLYCOL FEEDER: 17 GALLON STORAGE AND MIXING TANK, SELF-PRIMING PUMP, LOW FLUID LEVEL PUMP CUT-OUT, MANUAL DIVERTER VALVE, LOW LEVEL ALARM WITH REMOTE DRY CONTACTS. 115V CORD AND PLUG, 50 WATTS.
"AXIOM" MODEL DMF300.

GF2 GLYCOL FEEDER: 60 GALLON STORAGE AND MIXING TANK, SELF-PRIMING PUMP, LOW FLUID LEVEL PUMP CUT-OUT, MANUAL DIVERTER VALVE, INTEGRAL CHECK VALVE, LOW LEVEL ALARM WITH REMOTE DRY CONTACTS. 115V CORD AND PLUG, 0.7 AMPS.
"AXIOM" MODEL SF100.

XT1 EXPANSION TANK (HEATING WATER): ASME RATED, DIAPHRAGM TYPE TANK, 125 PSIG WORKING PRESSURE, 10 GALLON ACCEPTANCE, 23 GALLON TANK.
"TACO" MODEL CX84-125

XT2 EXPANSION TANK (CHILLED WATER): ASME RATED, DIAPHRAGM TYPE TANK, 125 PSIG WORKING PRESSURE, 5 GALLON ACCEPTANCE, 8 GALLON TANK.
"TACO" MODEL CX30-125

MECHANICAL LEGEND

LINE WEIGHT	DESCRIPTION
	THIN LINE AND GRAY SCALE INDICATE EXISTING TO REMAIN
	WIDE DASHED INDICATE EXISTING TO BE DEMOLISHED
	SOLID BLACK INDICATES NEW

SYMBOL	DESCRIPTION
A2-6 / CFM	DIFFUSER DESIGNATION
1	UNIT DESIGNATION
23.00	KEYED NOTE
	POINT OF CONNECTION
CD	CONDENSATE DRAIN
HWS	HEATING WATER SUPPLY
HWR	HEATING WATER RETURN
	2-WAY VALVE
	3-WAY VALVE
	BALL VALVE
	BUTTERFLY VALVE
	PLUG, CIRCUIT SETTER OR GAUGE COCK
	GAS COCK
	THERMOMETER
	CHECK VALVE
	RELIEF VALVE
	STRAINER
	UNION
	GATE VALVE
	SOLENOID
	PRV
	REDUCED PRESSURE BACKFLOW PREVENTER
10"x10"	CLEAR INSIDE DUCT DIMENSION (NEW)
	FLEX DUCT
	SUPPLY DIFFUSER (TAGGED WITH DIFFUSER DESIGNATION)
	RETURN GRILLE (TAGGED WITH DIFFUSER DESIGNATION)
	EXHAUST GRILLE (TAGGED WITH DIFFUSER DESIGNATION)
	SIDEWALL SUPPLY
	SIDEWALL RETURN
M/D F/D F/S V/D	MOTORIZED, FIRE, FIRE/SMOKE OR VOLUME DAMPER
T R HS	THERMOSTAT, REMOTE SENSOR OR DOOR POSITION SWITCH
S CO	DUCT SMOKE/ CARBON MONOXIDE DETECTOR
CO2	CARBON DIOXIDE SENSOR

ABBREVIATION	DESCRIPTION
ADJ	ADJUSTABLE
APD	AIR PRESSURE DROP
CFM	CUBIC FEET PER MINUTE
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
DB	DRY BULB TEMPERATURE
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
GPM	GALLONS PER MINUTE
RL	REFRIGERANT LIQUID
RS	REFRIGERANT SUCTION
HWR	HEATING WATER RETURN
HWS	HEATING WATER SUPPLY
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
OA	OUTSIDE AIR
PG	PROPYLENE GLYCOL
RA	RETURN AIR
RZ	RADIANT ZONE
SA	SUPPLY AIR
SMR	SNOWMELT RETURN
SMS	SNOWMELT SUPPLY
SZ	SNOWMELT ZONE
TSP	TOTAL STATIC PRESSURE
WB	WET BULB TEMPERATURE
WPD	WATER PRESSURE DROP
XFER	TRANSFER AIR

NOTE: SYMBOLS AND ABBREVIATIONS ILLUSTRATED ABOVE MAY NOT APPEAR ON THE PLANS

MECHANICAL GENERAL NOTES

1. PROVIDE AND INSTALL ALL MATERIAL AND EQUIPMENT AS REQUIRED BY IPC, IMC, NFPA, LIFE SAFETY CODE, GAS CODE, AND ALL OTHER LOCAL CODES AND ORDINANCES THAT APPLY. WHERE THERE IS A DISCREPANCY BETWEEN THE CODES OR ORDINANCES AND THE DRAWINGS, THE MORE STRINGENT APPLICATION SHALL APPLY.
2. LAYOUT AND INSTALL COMPLETE AND FUNCTIONAL MECHANICAL SYSTEMS, INCLUDING TEMPORARY CUTOFF OF EXISTING UTILITIES. PERFORM ALL CUTTING, PATCHING, AND REPAIR ASSOCIATED WITH INSTALLING THE SYSTEMS.
3. VIBRATIONALLY ISOLATE ALL EQUIPMENT AND PIPING FROM THE BUILDING STRUCTURE. COORDINATE TO ASSURE THAT AS QUIET AN OPERATING SYSTEM AS POSSIBLE IS INSTALLED.
4. VERIFY THAT DIFFUSERS, REGISTERS, GRILLES, DUCTWORK AND ALL EQUIPMENT SPECIFIED IS CORRECT FOR FIELD INSTALLATION BEFORE ORDERING OR FABRICATING. PROVIDE A WRITTEN REQUEST FOR INFORMATION TO THE ENGINEER FOR A RULING ON HOW TO PROCEED IF CONDITIONS EXIST THAT WILL NOT ALLOW FOR THE INSTALLATION OF THE EQUIPMENT SPECIFIED.
5. PROVIDE ALL DUCTWORK CONNECTIONS AND TRANSITIONS AT GRILLES, DIFFUSERS, REGISTERS, FILTERS, COILS, AND OTHER LOCATIONS WHERE REQUIRED. CONSTRUCT ALL TRANSITIONS AND CONNECTIONS ACCORDING TO SMACNA STANDARDS.
6. PROVIDE AND INSTALL DAMPERS IN THE BRANCH DUCTS, NEAR THE MAIN, SERVING DIFFUSERS AND GRILLES TO ALLOW PLUS OR MINUS 10% OF THE CFM REQUIRED FROM EACH DIFFUSER AND REGISTER AS LISTED ON THE PLANS.
7. TESTING AND BALANCING AGENCY: PROVIDE AND INSTALL SHEAVES AND ALL EQUIPMENT NECESSARY TO PROVIDE PLUS OR MINUS 10% OF THE CFM REQUIRED FROM EACH DIFFUSER AND REGISTER.
8. COORDINATE WORK WITH THE GENERAL CONTRACTOR TO HAVE THE ROOFTOP EQUIPMENT, DUCTWORK, AND INSULATION JACKETS PAINTED TO THE ARCHITECT'S REQUIREMENTS.
9. PROVIDE AND INSTALL ALL MECHANICAL EQU

POINTS LIST

POINT#	GENERAL		CON/MON	ALARM	TREND
1	OUTSIDE AIR TEMP.	TEMP. SENSOR (SHIELDED)	MONITOR		

POINTS LIST

POINT#	BOILERS AND PUMPS - BAS BOILER CONTROL		CON/MON	ALARM	TREND
1	B1 & B2 BOILER ENABLE	BOILER COMM CONNECTION	CONTROL		
2	B1 & B2 STATUS	BOILER COMM CONNECTION	MONITOR	Y	
3	PUMP #1-2 START/STOP	PUMP VFD	CONTROL		
4	PUMP #1-2 VFD STATUS	VFD% SIGNAL	MONITOR	Y	Y
5	SUPPLY WATER TEMP.	TEMPERATURE WELL	MONITOR		Y
6	RETURN WATER TEMP.	TEMPERATURE WELL	MONITOR		Y
7	OUTSIDE AIR TEMP.	TEMPERATURE SENSOR-SHIELDED	MONITOR		Y
8	ALARM CODE	BOILER COMM CONNECTION	MONITOR	Y	
9	BOILER COMMUNICATION	BOILER COMM CONNECTION	MONITOR	Y	
9	LOW GLYCOL	GLYCOL TANK DRY CONTACTS	MONITOR	Y	

POINTS LIST

POINT#	BOILERS AND PUMPS - INTERNAL BOILER CONTROL		CON/MON	ALARM	TREND
1	B1 & B2 FIRING RATE	CASCADE INTERCONNECTION	CONTROL		Y
2	BP1 & BP2 START/STOP	INTERNAL BOILER RELAY	CONTROL		
3	BP1-BP2 PUMP SPEED	BOILER COMM CONNECTION	MONITOR		
4	HWS WATER TEMP.	TEMPERATURE WELL AND SENSOR	MONITOR		Y
5	HWS SETPOINT	BOILER COMM CONNECTION	MONITOR		
6	B1 & B2 HWS TEMP.	BOILER COMM CONNECTION	MONITOR		Y
7	B1 & B2 HWR TEMP	BOILER COMM CONNECTION	MONITOR		Y
8	B1 & B2 STATUS CODE	BOILER COMM CONNECTION	MONITOR		
9	B1 & B2 ALARM CODE	BOILER COMM CONNECTION	MONITOR	Y	
10	B1 & B2 LOCKOUT CODE	BOILER COMM CONNECTION	MONITOR	Y	
11	B1 & B2 BLOCKED DRAIN	BOILER COMM CONNECTION	MONITOR	Y	

POINTS LIST

POINT#	CHILLED WATER PLANT - BAS CHILLER CONTROL		CON/MON	ALARM	TREND
1	ALL MANUFACTURER'S POINTS	CHILLER CONTROLLER	MONITOR		
2	CHILLER ENABLE	SYSTEM COOL REQUEST	CONTROL		
3	CHILLER STATUS	CHILLER CONTROLLER	MONITOR	Y	Y
4	P1 START/STOP/STATUS	CHILLER CONTROLLER	MONITOR		Y
5	P2 START/STOP/STATUS	CHILLER CONTROLLER	MONITOR		Y
6	SUPPLY WATER TEMP.	TEMPERATURE WELL	MONITOR		Y
7	RETURN WATER TEMP.	TEMPERATURE WELL	MONITOR		Y
8	LOW GLYCOL	GLYCOL TANK CONTACTS	MONITOR	Y	
9	ALARM CODE	CHILLER COMM CONNECTION	MONITOR	Y	

POINTS LIST

POINT#	BLOWER COIL UNITS		CON/MON	ALARM	TREND
1	SUPPLY FAN START/STOP	REMOTE RELAY	CONTROL		
2	SUPPLY FAN STATUS	CURRENT SWITCH	MONITOR	Y	Y
3	OA DAMPER CONTROL	MODULATING ACTUATOR	CON/MON		
4	RA DAMPER CONTROL	MODULATING ACTUATOR	CON/MON		
5	ROOM TEMP.	WALL MOUNTED THERMOSTAT	MONITOR	Y	Y
6	ROOM TEMP. SET POINT	WALL MOUNTED THERMOSTAT	CON/MON		
7	SUPPLY AIR TEMP.	DUCT TEMP. PROBE	MONITOR	Y	Y
8	HEATING CONTROL	MODULATING ACTUATOR	CON/MON		Y
9	COOLING CONTROL	MODULATING ACTUATOR	CON/MON		Y
10	CONDENSATE OVERFLOW	OVERFLOW SWITCH	MONITOR	Y	

POINTS LIST

POINT#	CEILING EXHAUSTERS (CX1-10)		CON/MON	ALARM	TREND
1	EXHAUST FAN STATUS	CURRENT SWITCH	MONITOR	Y	
2	EXHAUST FAN START/STOP	REMOTE RELAY	CONTROL		

POINTS LIST

POINT#	RADIANT COVE HEATER		CON/MON	ALARM	TREND
1	ROOM TEMP.	WALL MOUNTED THERMOSTAT	MONITOR	Y	
2	ROOM TEMP. SET POINT	WALL MOUNTED THERMOSTAT	CON/MON		

POINTS LIST

POINT#	HYDRONIC UNIT HEATERS		CON/MON	ALARM	TREND
1	UNIT START/STOP	REMOTE RELAY	CONTROL		
2	UNIT STATUS	CURRENT SWITCH	MONITOR	Y	
3	ROOM TEMP.	SPACE TEMPERATURE SENSOR	MONITOR	Y	Y
4	ROOM TEMP. SET POINT	SPACE TEMPERATURE SENSOR	CON/MON		
5	HEATING CONTROL	MODULATING ACTUATOR	CON/MON		Y

POINTS LIST

POINT#	MINI-SPLITS		CON/MON	ALARM	TREND
1	TEMPERATURE SETPOINT	BACNET GATEWAY	CON/MON		
2	SUPPLY FAN ON/OFF	BACNET GATEWAY	MONITOR		
3	FAN COIL MODE	BACNET GATEWAY	CON/MON		
4	SUPPLY FAN SPEED	BACNET GATEWAY	MONITOR		
5	FILTER SIGN	BACNET GATEWAY	MONITOR		
6	ERROR CODES	BACNET GATEWAY	MONITOR	Y	
7	ROOM TEMPERATURE	BACNET GATEWAY	MONITOR	Y	

POINTS LIST

POINT#	INLINE EXHAUSTERS (IX1)		CON/MON	ALARM	TREND
1	EXHAUST FAN STATUS	CURRENT SWITCH	MONITOR	Y	
2	EXHAUST FAN START/STOP	REMOTE RELAY	CONTROL		
3	CRAWLSPACE HUMIDITY	HUMIDITY SENSOR	MONITOR		

SEQUENCE OF OPERATION

BLOWER COILS:
PROVIDE A NEW DDC THERMOSTAT, CONTROLLER, AND NORMALLY OPEN MODULATING HEATING CONTROL VALVE, AND NORMALLY CLOSED COOLING CONTROL VALVE.

SUPPLY FAN - THE SUPPLY FAN SHALL START AND SHALL RUN CONTINUOUSLY DURING OCCUPIED HOURS. THE SUPPLY FAN SHALL BE OFF DURING UNOCCUPIED HOURS AND SHALL CYCLE ON DURING CALLS FOR HEATING AND COOLING.

ALARM THE BAS IF THE FAN IS OFF DURING OCCUPIED HOURS.

OUTSIDE AIR (OA) DAMPER - DURING OCCUPIED HOURS THE DAMPER SHALL OPEN TO PROVIDE THE SCHEDULED OA CFM VALUE. DURING UNOCCUPIED HOURS THE OA DAMPER SHALL BE FULLY CLOSED.

RETURN AIR (RA) DAMPER - DURING OCCUPIED HOURS THE RA DAMPER SHALL CLOSE PROPORTIONAL TO THE OA DAMPER POSITION. DURING UNOCCUPIED HOURS THE RA DAMPER SHALL BE FULLY OPEN.

HEATING MODE - THE BAS SHALL MODULATE THE HEATING CONTROL VALVE TO MAINTAIN THE SPACE TEMPERATURE SETPOINT.

COOLING MODE - THE BAS SHALL MODULATE THE CHILLED WATER CONTROL VALVE TO MAINTAIN THE SPACE TEMPERATURE SETPOINT.

AUTOMATIC START - THE BAS SHALL BE CONFIGURED TO AUTOMATICALLY ADJUST THE DAILY START TIME OF THE BLOWER COILS IN ORDER TO BRING EACH SPACE TO THE DESIRED OCCUPIED TEMPERATURE IMMEDIATELY PRIOR TO SCHEDULED OCCUPANCY.

AUTOMATIC STOP - THE BAS SHALL BE CONFIGURED TO REDUCE EACH BLOWER COILS HEATING TEMPERATURE SETPOINT AND INCREASE THE COOLING TEMPERATURE SETPOINT BY NOT LESS THAN 2° F BEFORE SCHEDULED UNOCCUPIED PERIODS BASED ON THE THERMAL LAG AND ACCEPTABLE DRIFT IN SPACE TEMPERATURE THAT IS WITHIN COMFORT LIMITS.

FREEZE PROTECTION - WHEN THE DISCHARGE AIR TEMPERATURE FALLS BELOW 30°F OPEN THE HEATING WATER VALVE TO 100%, STOP THE FAN, CLOSE THE OA DAMPER AND SEND AN ALARM TO THE BAS. BAS SHALL RESTART THE FAN AFTER 60 SECONDS (ADJ.). CONTROLS CONTRACTOR SHALL ALSO WIRE THE HEATING WATER CONTROL VALVES TO FAIL OPEN IN THE EVENT OF POWER LOSS.

CONDENSATE OVERFLOW MONITORING:
IF THE CONDENSATE LEVEL REACHES THE TRIP POINT, A CONDENSATE OVERFLOW DIAGNOSTIC SHALL ALARM THE BAS. TO PREVENT THE CONDENSATE DRAIN PAN FROM OVERFLOWING AND CAUSING WATER DAMAGE TO THE BUILDING THE FAN SHALL BE DISABLED AND THE CHILLED WATER VALVE SHALL CLOSE.

RADIANT COVE HEATER (RCH1):
PROVIDE A WALL MOUNTED DDC THERMOSTAT CONNECTED TO THE BAS. HEATER SHALL BE CONTROLLED BY THE BAS TO MAINTAIN A HEATING SETPOINT OF 50°F.

KITCHEN HOOD (H1):
KITCHEN HOOD SHALL BE CONTROLLED BY FAN SPEED SWITCH MOUNTED ON HOOD. HOOD SHALL NOT BE CONNECTED TO THE BAS.

SEQUENCE OF OPERATION

GENERAL:
PROVIDE A NEW DDC BUILDING AUTOMATION SYSTEM (BAS). SEE SPECIFICATIONS FOR REQUIREMENTS.

ALL SETPOINTS AND SCHEDULES LISTED BELOW SHALL BE OWNER ADJUSTABLE. ALL TEMPERATURE CONTROLS SHALL BE COMPATIBLE WITH THE BAS.

THE MECHANICAL CONTRACTOR AND THE CONTROLS CONTRACTOR SHALL COORDINATE INSTALLATION TO PROVIDE A COMPLETE AND OPERATIONAL MECHANICAL SYSTEM.

OCCUPIED HOURS: 7:00AM - 8:00PM MONDAY - FRIDAY
UNOCCUPIED HOURS: 8:00PM - 7:00 AM MONDAY - FRIDAY, 24 HOURS ON SATURDAYS, SUNDAYS, AND HOLIDAYS.

OCCUPIED SETPOINTS: 70°F (HEATING) AND 75°F (COOLING)
UNOCCUPIED SETPOINTS: 55°F (HEATING) AND 85°F (COOLING)

HEATING WATER SYSTEM (B1&B2, P1&P2):
GENERAL: THE BUILDING AUTOMATION SYSTEM (BAS) SHALL ENABLE THE BOILER SYSTEM BASED ON THE OCCUPANCY SCHEDULE, OUTDOOR AIR TEMPERATURE AND BY A CALL FOR HEAT WITHIN THE SPACE. THE BAS SHALL ENABLE THE BUILDING HEATING WATER PUMPS BASED ON A CALL FOR HEAT WITHIN THE SPACE.

BOILER STAGING, MODULATION, AND CONTROL OF BOILER CIRCULATION PUMPS SHALL BE CONTROLLED THROUGH THE BOILER "SMART SYSTEM" CONTROLS. THE BOILERS SHALL BE ALLOWED TO OPERATE WHENEVER THE BOILER SYSTEM HAS BEEN ENABLED BY THE BAS.

A TEMPERATURE SENSOR IN THE HEATING SUPPLY WATER LOOP SHALL BE DESIGNATED THE "SYSTEM HEAT" CONTROLLING SENSOR WITHIN THE SMART SYSTEM CONTROLS. UPON A DROP IN TEMPERATURE BELOW THE SETPOINT (SEE BELOW), THE LEAD BOILER AND ITS INJECTION PUMP WILL START AND BEGIN TO MODULATE TO MEET THE SET POINT. WHEN THE LEAD BOILER REACHES 90% MODULATION, IT LOWERS ITS RATE TO 20% AND TURNS ON THE FIRST LAG BOILER AND ITS INJECTION PUMP AT 45%. THE BOILERS THEN MODULATE AT THE SAME RATE. AS THE LOAD DECREASES AND THE BOILERS MODULATE DOWN TO 20%, THE LAG BOILERS SHALL BE SHUT DOWN AND THE LEAD BOILER WILL RAMP UP ITS MODULATION TO MEET THE LOAD.

THROUGH INTERNAL BOILER CONTROLS, EACH INDIVIDUAL BOILER SHALL CONTROL ITS ASSOCIATED BOILER VARIABLE SPEED INJECTION PUMP. THE PUMP SPEED IS MODULATED IN CONJUNCTION WITH THE BOILER'S FIRING RATE TO MAINTAIN A 20°F TEMPERATURE RISE ACROSS THE BOILER'S HEAT EXCHANGER. BOILER CIRCULATION PUMPS SHALL BE SET TO REMAIN OPERATIONAL FOR 1 MINUTE (ADJ.) FOLLOWING BOILER SHUT DOWN. BOILERS AND CIRCULATION PUMPS SHALL BE SET WITH A MINIMUM ON/OFF TIME OF 5 MINUTES (ADJ.) TO PREVENT SHORT CYCLING.

CONNECT EACH BOILER TOGETHER TO ALLOW EACH TO COMMUNICATE AND ENABLE THEIR INTERNAL CASCADING FUNCTION FOR LEAD/LAG AND STAGING OPERATION. BOILERS SHALL ROTATE LEAD/LAG DUTIES DAILY.

BUILDING CIRCULATION PUMPS (PRIMARY-STANDBY): THE PRIMARY PUMP CAN BE USER SELECTABLE THROUGH THE MANUAL SWITCHING ON SITE/HAND-OFF-AUTO). IF THE PRIMARY PUMP FAILS THE STANDBY PUMP WILL BE ACTIVATED BY THE BAS. THE PRIMARY-STANDBY DUTY SHALL ROTATE WEEKLY BY THE BAS. WHEN THE SYSTEM IS DEACTIVATED THE MAIN PUMPS SHALL HAVE A ONE MINUTE DELAY BEFORE STOPPING. A DIFFERENTIAL PRESSURE SENSOR LOCATED ACROSS THE SUPPLY AND RETURN PIPING OF THE FARTHEST HEATING VALVE SERVED WITHIN THE BUILDING FROM THE PUMPS SHALL ALTER THE FREQUENCY OF EACH VFD. AS PRESSURE INCREASES THE VFD FREQUENCY DECREASES SLOWING THE PUMPS DOWN. THE DIFFERENTIAL PRESSURE SHALL BE SET AFTER THE SYSTEM IS BALANCED AND ALL CONTROL VALVES ARE IN THE OPEN POSITION. THIS SHALL BE THE STARTING PRESSURE SETTING.

BOILERS: THE BOILERS SHALL MODULATE TO MAINTAIN THE HOT WATER SUPPLY TEMPERATURE SETPOINT AS READJUSTED FROM THE OUTSIDE AIR TEMPERATURE ACCORDING TO THE FOLLOWING SCHEDULE. ALL VALUES SHALL BE OWNER ADJUSTABLE.

	CONDENSING BOILERS
OAT	HWS
<80°	120°
<0°	140°

THE GLYCOL TANK SHALL MONITOR THE GLYCOL LEVELS AND SHALL ALARM THE BAS ON LOW GLYCOL LEVELS.

CHILLED WATER SYSTEM (CH1):

GENERAL: THE BUILDING AUTOMATION SYSTEM (BAS) SHALL ENABLE THE CHILLED WATER SYSTEM BASED ON THE OCCUPANCY SCHEDULE, OUTDOOR AIR TEMPERATURE, AND BY A CALL FOR COOLING WITHIN THE SPACE. THE BAS SHALL ENABLE THE BUILDING CHILLED WATER PUMPS BASED ON A CALL FOR COOLING WITHIN THE SPACE.

OCCUPIED: WHEN THE BUILDING IS IN THE OCCUPIED MODE AND THE OUTDOOR AIR IS MORE THAN 40°F (ADJ.) THE CHILLED WATER SYSTEM SHALL BE ENABLED. WHEN THE OUTDOOR AIR DROPS BELOW 40°F THE CHILLED WATER SYSTEM SHALL BE DISABLED.

UNOCCUPIED: WHEN THE BUILDING IS IN THE UNOCCUPIED MODE AND THE OUTDOOR AIR RISES ABOVE 80°F (ADJ.) THE CHILLED WATER SYSTEM SHALL BE ENABLED. WHEN THE OUTDOOR AIR DROPS BELOW 80°F THE CHILLER SYSTEM SHALL BE DISABLED.

BUILDING CIRCULATION PUMPS: THE BUILDING CIRCULATION PUMPS ARE PROVIDED IN THE CHILLER ENCLOSURE. CONTROL OF THE CHILLER PUMPS SHALL BE THROUGH THE CHILLER'S INTEGRAL CONTROLS. THE CHILLER SHALL MODULATE AND STAGE THE PUMPS TO MAINTAIN THE PRESSURE SET POINT IN THE SYSTEM DETERMINED DURING TAB. THE FLOW RATE SHALL NEVER DECREASE BELOW THE CHILLER'S MINIMUM FLOW RATE LISTED IN THE SCHEDULE. A MODULATING BYPASS VALVE SHALL BE PROVIDED AT THE END OF THE CHILLED WATER PIPING LOOP THAT OPENS AS REQUIRED TO MAINTAIN THE MINIMUM FLOW ACROSS THE CHILLER.

CHILLER STAGING: THE CHILLER COMPRESSORS SHALL STAGE TO MAINTAIN THE CHILLED WATER SUPPLY TEMPERATURE SETPOINT OF 45°F.

THE GLYCOL TANK SHALL MONITOR THE GLYCOL LEVELS AND SHALL ALARM THE BAS ON LOW GLYCOL LEVELS.

WINTER MODE: LOCKOUT CHILLER AT AN OUTSIDE AIR TEMPERATURE OF 40°F (ADJ.) OR BELOW. FREEZE PROTECTION: RUN THE CHILLER PUMPS WHEN THE CHILLED WATER SUPPLY OR RETURN IS BELOW 10°F. RUN THE PUMPS UNTIL THE WATER TEMPERATURE EXCEEDS 10°F.

CHILLED WATER RESET: THE CHILLED WATER TEMPERATURE SHALL BE RESET ON AN HOURLY BASIS, BASED ON THE OUTDOOR AIR TEMPERATURE. WHEN THE OUTDOOR TEMPERATURE IS 80°F OR GREATER, THE SUPPLY TEMPERATURE SHALL BE A CONSTANT 45°F. WHEN THE OUTDOOR TEMPERATURE IS 60°F OR BELOW, THE SUPPLY TEMPERATURE SHALL BE 55°F. WHEN THE OUTDOOR TEMPERATURE IS BETWEEN 60°F AND 80°F, THE SUPPLY TEMPERATURE SHALL RAMP BETWEEN 45°F AND 55°F IN A PROPORTIONAL MANNER.

COOLING ONLY MINI-SPLITS (IDU1 & ODU1):

PROVIDE A WALL MOUNTED THERMOSTAT AND A BACNET GATEWAY FOR EACH INDOOR FAN COIL.

UPON A CALL FOR COOLING INDOOR UNIT FAN SHALL START AND OUTDOOR CONDENSING UNIT SHALL START. UNITS SHALL BE STAGED BY INTEGRAL CONTROLS TO MAINTAIN COOLING TEMPERATURE SETPOINT OF 75°F (ADJ.). UNITS SHALL BE CONTROLLED BY INTEGRAL CONTROL LOGIC AND MONITORED BY THE BAS.

HYDRONIC UNIT HEATERS (UH1,2,&3):

PROVIDE A NEW DDC THERMOSTAT, CONTROLLER, AND NORMALLY OPEN MODULATING CONTROL VALVE FOR EACH UNIT HEATER.

UPON A CALL FOR HEAT THE UNITS SUPPLY FAN SHALL START AND THE CONTROL VALVE SHALL MODULATE TO MAINTAIN THE SPACE TEMPERATURE SETPOINT OF 55°F (ADJ.).

CEILING EXHAUSTERS (CX1-10):
FAN SHALL BE CONTROLLED BY THE BAS TO RUN CONTINUOUSLY DURING OCCUPIED HOURS. DURING UNOCCUPIED HOURS THE BAS SHALL TURN THE FANS OFF.

CRAWLSPACE EXHAUST (IX1):
PROVIDE A HUMIDISTAT LOCATED IN THE CRAWLSPACE, CONNECTED TO THE BAS. THE BAS SHALL ENABLE THE FAN TO RUN WHENEVER THE RELATIVE HUMIDITY IN THE CRAWLSPACE EXCEEDS 60%.

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2026-08-28

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THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

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JOB. NO.: **2540**
ISSUE DATE: **2026-08-31**
DRAWN BY: **ME&E**

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

M602
MECHANICAL CONTROLS

Ventilation Requirements per 2015 IMC Section 403 and ASHRAE 62.1

Note: For systems serving multiple rooms, Ev (Efficiency) was found using Equations A1.1 and A1.2.1 below from ASHRAE 62.1:
ASHRAE 62.1 Equation A1.1 : Xs = Vou/Vps
ASHRAE 62.1 Equation A1.2.1: Ev = 1 + Xs - Zpz

Single Zone: Serves one rooms or rooms with similar occupancy.

Unit #	Room	Classification	Az (SF)	Occ. Density (#/1000 SF)	Rp (CFM/person)	Pz (#people)	Ra (CFM/SF)	Vbz (CFM)	Ez (Effectiveness)	Voz (CFM)
BC1	103 - Youth Game	Classrooms (age 9+)	897	35	10	32	0.12	428	0.8	535
BC3	109 - Kitchen	Kitchen	482	20	7.5	10	0.12	133	0.8	166
BC4	124 - Youth Learning	Classrooms (age 9+)	512	35	10	18	0.12	241	0.8	302
BC5	114 - Art	Art classroom	335	20	10	7	0.18	130	0.8	163
BC6	123 - Music	Music/theater/dance	205	35	10	8	0.06	92	0.8	115
BC8	119 - Teen Game	Classrooms (age 9+)	777	35	10	28	0.12	373	0.8	467

Multizone Systems

	Room	Classification	Az (SF)	Occ. Density (#/1000 SF)	Rp (CFM/person)	Pz (#people)	Ra (CFM/SF)	Pz x Rp (CFM)	Az x Ra (CFM)	Vbz (CFM)	Ez (Effectiveness)	Voz (CFM)	Vpz (CFM)	Vdzm (min. CFM)	Zdzm
BC2	102 - Lobby	Main entry lobbies	706	10	5	8	0.06	40	42	82	0.8	103	1070	1070	0.10
	108 - Office	Office space	113	5	5	1	0.06	5	7	12	0.8	15	120	120	0.12

Ps (Expected Pop.)	9
D (Diversity)	1.0
Vou (CFM)	94
Vps (CFM)	1190
Xs	0.08
Max Z	0.12
Ev (Efficiency)	0.96
Vot (CFM)	98

	Room	Classification	Az (SF)	Occ. Density (#/1000 SF)	Rp (CFM/person)	Pz (#people)	Ra (CFM/SF)	Pz x Rp (CFM)	Az x Ra (CFM)	Vbz (CFM)	Ez (Effectiveness)	Voz (CFM)	Vpz (CFM)	Vdzm (min. CFM)	Zdzm
BC7 - Makers/Hall	116 - Storage	Storage rooms	103	0	0	0	0.12	0	12	12	0.8	15	40	40	0.39
	117 - Girls	Restroom/Janitor	164	0	0	0	0	0	0	0	0.8	0	75	75	0.00
	118 - Boys	Restroom/Janitor	164	0	0	0	0	0	0	0	0.8	0	75	75	0.00
	120 - Corridor	Corridors	175	0	0	0	0.06	0	11	11	0.8	13	80	80	0.16
	122 - Teen Maker	Classrooms (age 9+)	296	35	10	11	0.12	110	36	146	0.8	182	500	500	0.36
	125 - Storage	Storage rooms	53	0	0	0	0.12	0	6	6	0.8	8	40	40	0.20

Ps (Expected Pop.)	11
D (Diversity)	1.0
Vou (CFM)	175
Vps (CFM)	810
Xs	0.22
Max Z	0.39
Ev (Efficiency)	0.83
Vot (CFM)	211

	Room	Classification	Az (SF)	Occ. Density (#/1000 SF)	Rp (CFM/person)	Pz (#people)	Ra (CFM/SF)	Pz x Rp (CFM)	Az x Ra (CFM)	Vbz (CFM)	Ez (Effectiveness)	Voz (CFM)	Vpz (CFM)	Vdzm (min. CFM)	Zdzm
BC9 - Loft	201 - Loft	Main entry lobbies	406	10	5	5	0.06	25	24	49	0.8	62	340	340	0.18
	202 - Break	Break Room	174	50	5	9	0.06	45	10	55	0.8	69	145	145	0.48
	214 - Corridor	Corridors	401	0	0	0	0.06	0	24	24	0.8	30	360	360	0.08

Ps (Expected Pop.)	9
D (Diversity)	0.6
Vou (CFM)	104
Vps (CFM)	845
Xs	0.12
Max Z	0.48
Ev (Efficiency)	0.64
Vot (CFM)	161

	Room	Classification	Az (SF)	Occ. Density (#/1000 SF)	Rp (CFM/person)	Pz (#people)	Ra (CFM/SF)	Pz x Rp (CFM)	Az x Ra (CFM)	Vbz (CFM)	Ez (Effectiveness)	Voz (CFM)	Vpz (CFM)	Vdzm (min. CFM)	Zdzm
BC10 - Conf/Stor	204 - Conference	Conference / meeting	209	50	5	11	0.06	55	13	68	0.8	84	240	240	0.35
	205 - Staff RR	Restroom/Janitor	36	0	0	0	0	0	0	0	0.8	0	50	50	0.00
	207 - ADA RR	Restroom/Janitor	68	0	0	0	0	0	0	0	0.8	0	50	50	0.00
	208 - Storage	Storage rooms	155	0	0	0	0.12	0	19	19	0.8	23	50	50	0.47
	216 - Storage	Storage rooms	103	0	0	0	0.12	0	12	12	0.8	15	50	50	0.31

Ps (Expected Pop.)	11
D (Diversity)	1.0
Vou (CFM)	99
Vps (CFM)	440
Xs	0.22
Max Z	0.47
Ev (Efficiency)	0.76
Vot (CFM)	130

	Room	Classification	Az (SF)	Occ. Density (#/1000 SF)	Rp (CFM/person)	Pz (#people)	Ra (CFM/SF)	Pz x Rp (CFM)	Az x Ra (CFM)	Vbz (CFM)	Ez (Effectiveness)	Voz (CFM)	Vpz (CFM)	Vdzm (min. CFM)	Zdzm
BC11 - S. Offices	213 - Office	Office space	147	5	5	1	0.06	5	9	14	0.8	17	305	153	0.11
	209 - Office	Office space	119	5	5	1	0.06	5	7	12	0.8	15	275	138	0.11
	207 - Office	Office space	127	5	5	1	0.06	5	8	13	0.8	16	290	145	0.11
	206 - Office	Office space	142	5	5	1	0.06	5	9	14	0.8	17	305	153	0.11
	204 - Director's Office	Office space	141	5	5	1	0.06	5	8	13	0.8	17	280	140	0.12

Ps (Expected Pop.)	5
D (Diversity)	1.0
Vou (CFM)	66
Vps (CFM)	1455
Xs	0.05
Max Z	0.12
Ev (Efficiency)	0.92
Vot (CFM)	71

2024-ASHRAE 15 CALCUALTIONS

System	**ODU1**	**Refrigerant Type**	R454B	**System Charge (lbs).**	**7.72**	**Air Circulation**	Yes

Room #	Room Name	Focc	Area (SF)	Ceiling Height (ft.)	Room Volume (CF)	LFL (lb/CF)	Mdef	FLFL	Rel. Molar Mass	**EDVC (LB.)**	Additional Ventilation Required?	Nat. Vent Area Req. (SF)	Door Grille Face Size (SF)	Door Grille Free Area (SF)	Complies with ASHRAE 15?
111	IT	1	56	8	448	0.0185	N/A	0.96	62.6	**4.14**	Yes	0.41	1.00	0.5	Yes

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JOB. NO.: **2540**
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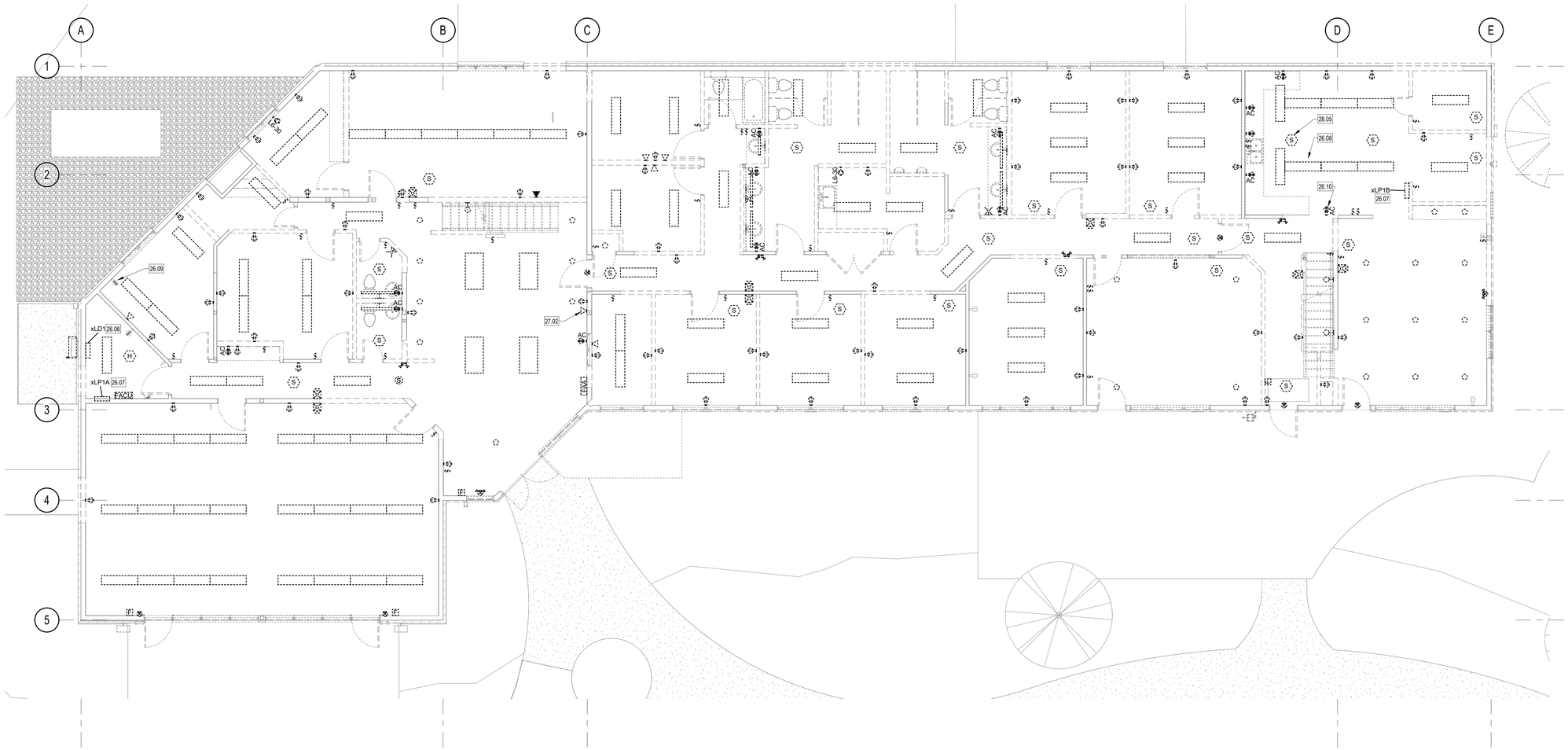
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REVISIONS:

M701
ASHRAE CALCULATIONS

KEYED NOTES

26.06	REMOVE AND REPLACE MDP. SEE NEW PLANS FOR NEW 208V/3PHASE SERVICE.
26.07	REMOVE PANEL AND FEEDERS BACK TO MDP.
26.08	REMOVE ALL LIGHTING AND CONTROLS. REMOVE CIRCUITS BACK TO PANEL. TYPICAL.
26.09	FOR WIRING DEVICES SHOWN AS EXISTING TO REMAIN, REPLACE WIRING DEVICE IN SAME LOCATION WITH NEW DEVICE AND FACEPLATE. REWIRE AS SHOWN ON NEW PLANS. TYPICAL.
26.10	REMOVE RECEPTACLE. REMOVE UNUSED CONDUCTORS BACK TO PANEL. TYPICAL.
27.02	REMOVE DATA CABLING BACK TO PATCH PANEL. TYPICAL.
28.05	REMOVE ALL FIRE ALARM EQUIPMENT, DEVICES AND WIRING. SEE NEW PLANS FOR NEW SYSTEM REQUIREMENTS.



N A1 **ELECTRICAL DEMOLITION PLAN - MAIN LEVEL**

3/16" = 1'-0"

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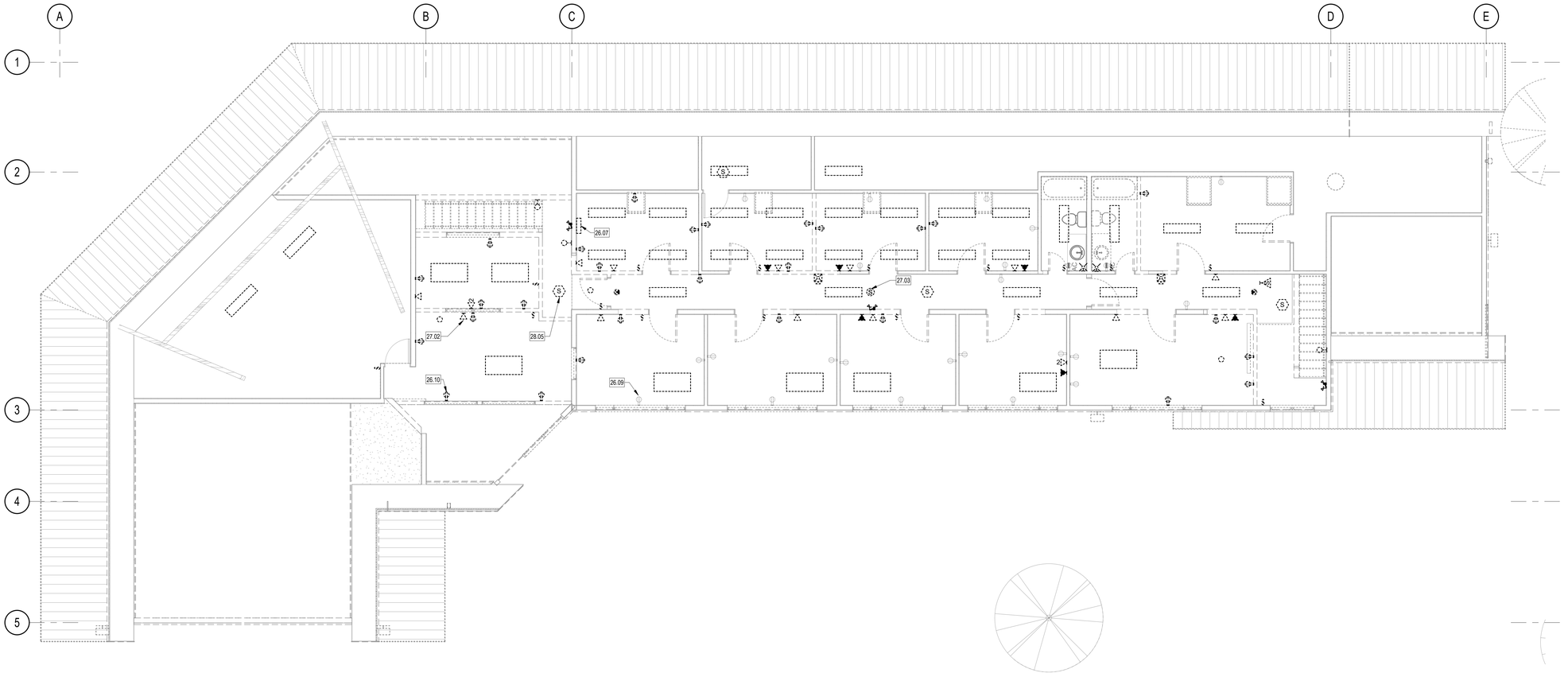
REVISIONS:

ED101

ELECTRICAL DEMOLITION PLAN - MAIN LEVEL

KEYED NOTES

26.07	REMOVE PANEL AND FEEDERS BACK TO MDP.
26.08	REMOVE ALL LIGHTING AND CONTROLS. REMOVE CIRCUITS BACK TO PANEL. TYPICAL.
26.09	FOR WIRING DEVICES SHOWN AS EXISTING TO REMAIN, REPLACE WIRING DEVICE IN SAME LOCATION WITH NEW DEVICE AND FACEPLATE. REWIRE AS SHOWN ON NEW PLANS. TYPICAL.
26.10	REMOVE RECEPTACLE. REMOVE UNUSED CONDUCTORS BACK TO PANEL. TYPICAL.
27.02	REMOVE DATA CABLING BACK TO PATCH PANEL. TYPICAL
27.03	REMOVE INTERCOM SPEAKERS, CABLING, AND EQUIPMENT. TYPICAL.
28.05	REMOVE ALL FIRE ALARM EQUIPMENT, DEVICES AND WIRING. SEE NEW PLANS FOR NEW SYSTEM REQUIREMENTS.



N A1 **ELECTRICAL DEMOLITION PLAN - UPPER LEVEL**

3/16" = 1'-0"

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COLORADO LICENSED REGISTERED ARCHITECT 50052 PROFESSIONAL ENGINEER

2026-08-28

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

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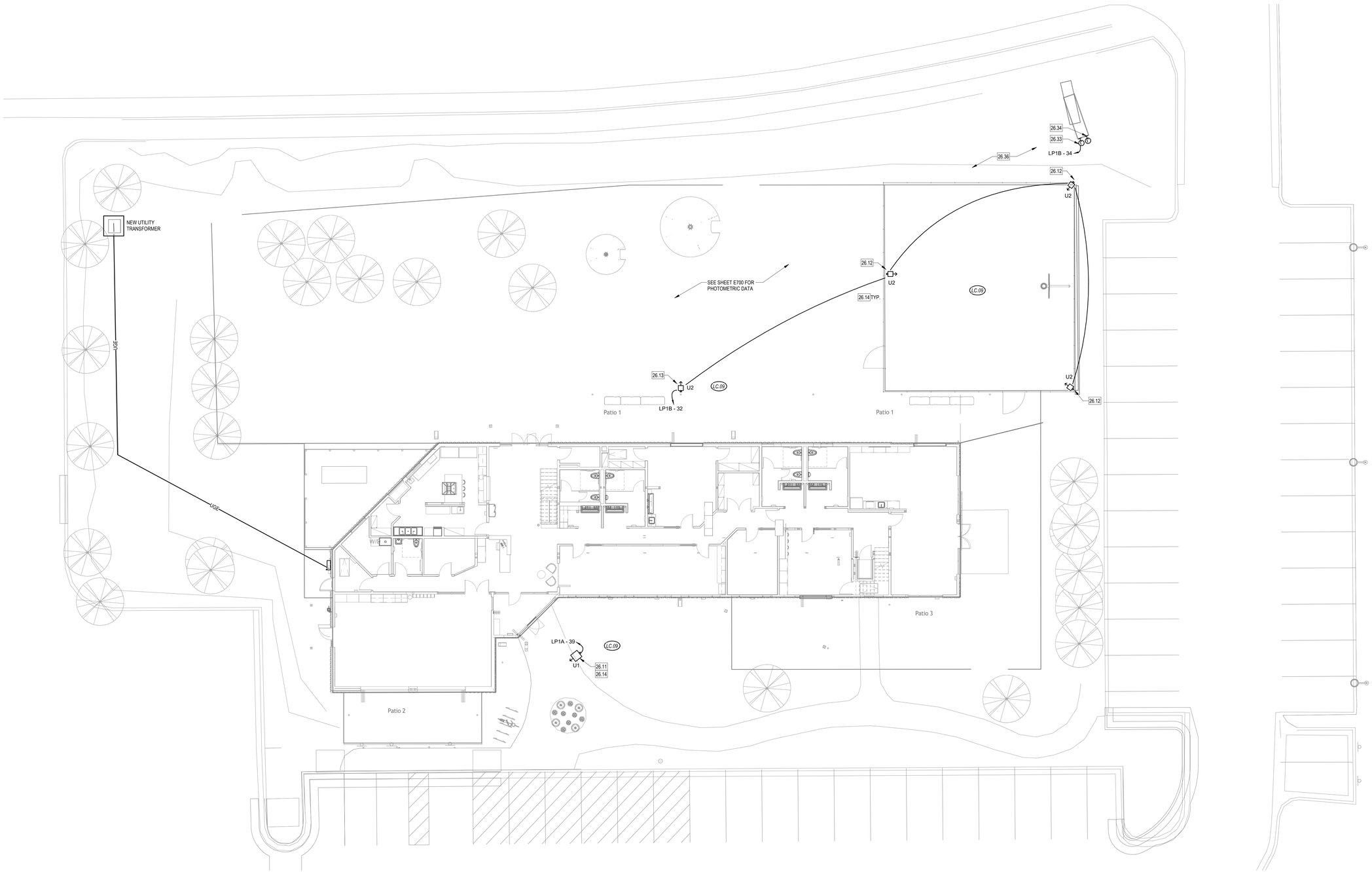
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REVISIONS:

ED102

ELECTRICAL DEMOLITION PLAN - UPPER LEVEL



KEYED NOTES

26.11	REPLACE LIGHTING FIXTURE ON EXISTING POLE.
26.12	MOUNT LIGHT FIXTURE ON FENCE POLE. COORDINATE WITH ARCHITECT.
26.13	BASE BID: NO WORK. ALT BID: PROVIDE LIGHT FIXTURE AND MOUNT ON CANOPY POLE. COORDINATE WITH ARCHITECT.
26.14	FIXTURES SHALL BE AUTOMATICALLY SWITCHED ON AT DUSK, TURNED OFF ONE HOUR AFTER SCHEDULED BUILDING CLOSING TIME. TURNED ON ONE HOUR BEFORE SCHEDULED BUILDING OPENING TIME, AND OFF AT DAWN. COORDINATE LOCATION OF PHOTOCELL WITH ARCHITECT PRIOR TO ROUGH-IN.
26.33	PROVIDE DEDICATED 120V/20A CIRCUIT IN 1"C TO WEATHERTIGHT J-BOX FOR MONUMENT SIGN. COORDINATE CONNECTION OF MONUMENT SIGN WITH SIGN SHOP DRAWINGS.
26.34	PROVIDE 1" CONDUIT AND PULL STRING FROM IT ROOM FOR DATA CONNECTION TO MONUMENT SIGN.
26.36	ALL TRENCHING SHALL MEET THE NEC MINIMUM DEPTH REQUIREMENTS.

N A1 **ELECTRICAL SITE PLAN**

1" = 10'-0"

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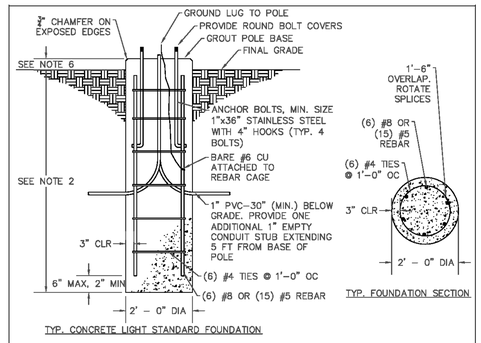
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ES101
ELECTRICAL SITE PLAN

LIGHTING FIXTURE SCHEDULE - SITE

NOTES: 1. Unless otherwise noted, all interior fixtures shall be 35K CCT, all exterior 30K. Interior fixtures shall have minimum 80 CRI, unless higher CRI noted below. 2. All heights shown are to bottom of fixture.

TYPE	DESCRIPTION	MOUNTING	HEIGHT	MAKE	MODEL	LAMP	WATTS	BATTERY	LUMENS	OPTIC	CRI	NOTES
U1	AREA POLE LIGHTING	POLE	15' A.F.G.	VERSAL LED	AL26-Q	LED	85	NONE	9,000	TYPE 3	80	CONFIRM MOUNTING REQS WITH SHADE STRUCTURE DETAILS
U2	AREA POLE LIGHTING	POLE	15' A.F.G.	VERSAL LED	AL26-Q	LED	125	NONE	12,000	TYPE 4 FORWARD	80	CONFIRM MOUNTING REQS WITH LANDSCAPE POLE DETAILS



NOTES:
1. DIMENSIONS FOR THE ANCHOR BASE AND ANCHOR BOLTS ARE VARIABLE FOR THE HEIGHT OF THE LIGHT STANDARD AND THE MAST ARM CONFIGURATION. ALL COMPONENTS SHALL FIT AND ACCOMMODATE THE REQUIREMENTS OF THE LIGHT STANDARD SUPPLIED. FIELD MODIFICATIONS ON ANY COMPONENTS SHALL BE APPROVED BY A LICENSED STRUCTURAL ENGINEER AND UCB.
2. FOUNDATION SHALL BE 7 FT. FOR LIGHT STANDARDS 20 FT. THROUGH 40 FT., AND 6 FT. FOR LIGHT STANDARDS LESS THAN 20 FT.
3. LIGHT STANDARD FOUNDATION DEPTH IS BASED ON A MAXIMUM POLE HEIGHT OF 40 FT. IN STIFF CLAY WITH N > 8 OR MEDIUM SAND WITH N > 15 AS DETERMINED BY ASTM D 1586 STANDARD PENETRATION TEST.
4. FOUNDATIONS FOR LIGHT POLE STANDARDS HIGHER THAN 40 FT. OR LIGHT STANDARDS WITH MULTIPLE LUMINARIES OR BANNERS, OR VARYING SOIL OR WIND CONDITIONS, SHALL BE DESIGNED BY A LICENSED ENGINEER.
5. CONCRETE SHALL BE CLASS B, 4000 PSI COMPRESSIVE STRENGTH, WITH A MAXIMUM WATER CONTENT OF 0.48 AND A SLUMP OF 1" TO 4".
6. LIGHT POLE FOUNDATIONS SHALL EXTEND 3 FT. ABOVE GRADE IN PARKING LOTS AND 4 IN. ABOVE GRADE IN ALL OTHER LOCATIONS.

DRAWN BY: WMJ CHECKED BY: APPROVED BY:	SOUTHERN UTE INDIAN TRIBE PEDESTRIAN LIGHT STANDARD DETAIL	ISSUED: AUG 2013 REVISED: DRAWING NO. C27

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50052
2026-08-28

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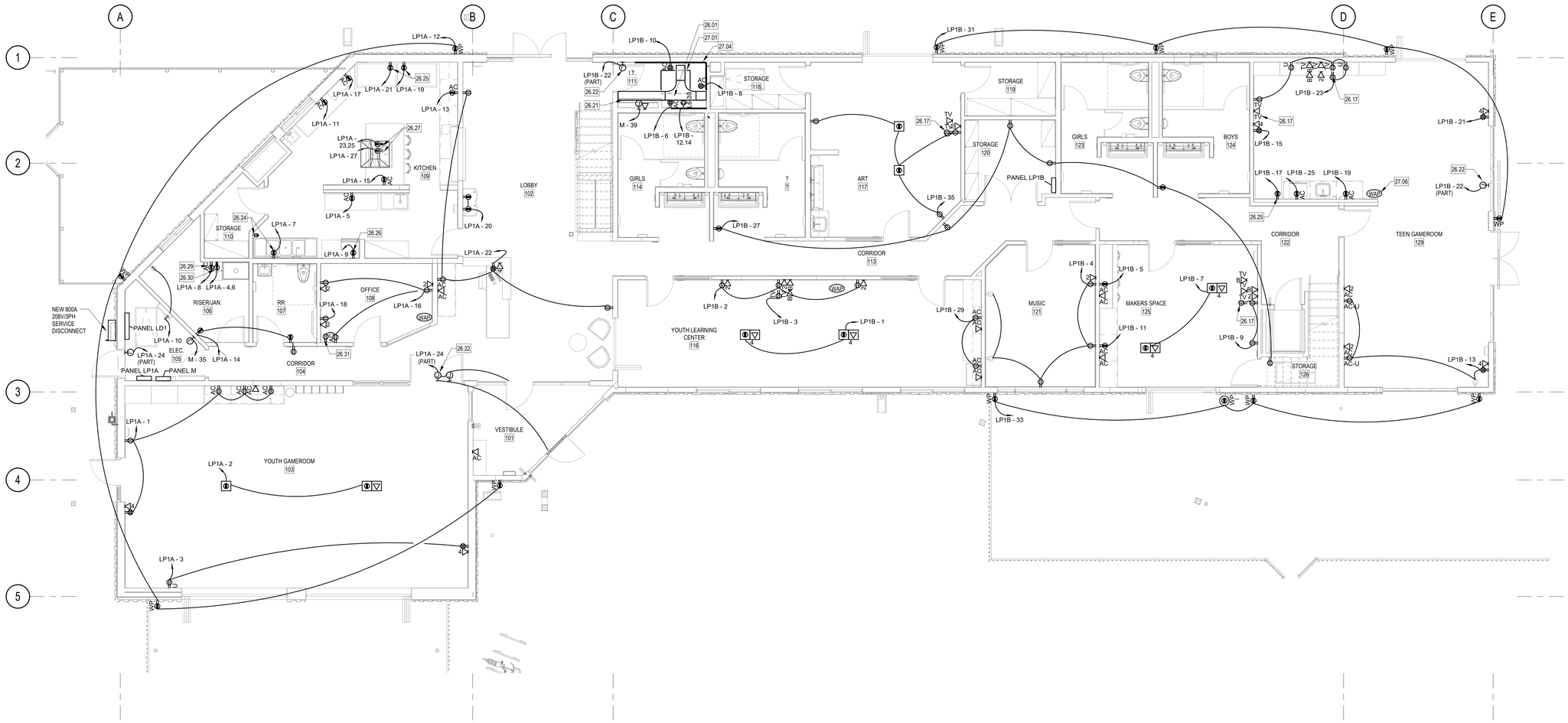
ES102
ELECTRICAL SITE PLAN

ELECTRICAL GENERAL NOTES

1	PROVIDE TAMPER-RESISTANT RECEPTACLES THROUGHOUT THE BUILDING.
2	PROVIDE PERMANENT TYPE-WRITTEN LABEL OF PANEL AND CIRCUIT NUMBER ON EACH RECEPTACLE.
3	CONTROLLED RECEPTACLES SHALL BE GREEN. CONNECT CONTROLLED RECEPTACLES TO ROOM-LEVEL OCCUPANCY SENSORS.
4	ACCESS POINTS: PROVIDE CAT6 CABLE TO AN ABOVE CEILING JACK WITH A 10' SERVICE LOOP. ACCESS POINTS BY OWNER.

KEYED NOTES

26.01	PROVIDE TELECOMMUNICATIONS MAIN GROUNDING BUSS BAR AND ALL CONNECTIONS TO DIVISION 27 AND DIVISION 28 EQUIPMENT. PROVIDE CONNECTION FROM TELECOMMUNICATIONS MAIN GROUNDING BUSBAR TO BUILDING ELECTRICAL SYSTEM PER NEC. PROVIDE TELECOMMUNICATIONS BONDING BACKBONE.
26.17	SEE TV MONITOR DETAIL.
26.21	PROVIDE 12"X2" WIRE MESH CABLE TRAY.
26.22	MOUNT DOOR POWER SUPPLIES ABOVE ACCESSIBLE CEILING. TYPICAL.
26.24	GARBAGE DISPOSER: CONNECT SWITCH IN FACE OF COUNTER PER ACCESSIBILITY REQUIREMENTS. COORDINATE LOCATION WITH MILLWORK AND SINK PRIOR TO ROUGH-IN. PROVIDE GFCI BREAKER.
26.25	REFRIGERATOR: PROVIDE GFCI BREAKER.
26.26	DISHWASHER: PROVIDE GFCI BREAKER.
26.27	RANGE: PROVIDE 120V RECEPTACLE FOR CONNECTION OF GAS RANGE. ROUGH-IN 50A/2P CIRCUIT FOR FUTURE ELECTRICAL RANGE. PROVIDE GFCI BREAKERS.
26.29	WASHER: PROVIDE DEDICATED CIRCUIT FOR LAUNDRY EQUIPMENT. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN. PROVIDE GFCI BREAKER.
26.30	DRYER: PROVIDE 30A 250V NEMA 14-30R RECEPTACLE. PROVIDE GFCI BREAKER.
26.31	MOUNT ONE RECEPTACLE ABOVE SHELF. COORDINATE HEIGHT WITH OWNER PRIOR TO ROUGH-IN.
27.01	PROVIDE 42U OPEN FRAME IT RACK. PROVIDE FOUR SHEETS OF 3/4"4X8 FIRE TREATED PLYWOOD BACKBOARD.
27.04	NEW FIBER DEMARC.
27.06	PROVIDE 10' SERVICE LOOP AND BISCUIT JACK, TYPICAL THIS SYMBOL.



N A1 **ELECTRICAL POWER PLAN - MAIN LEVEL**

3/16" = 1'-0"

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2026-08-28

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EP101

ELECTRICAL POWER PLAN - MAIN LEVEL

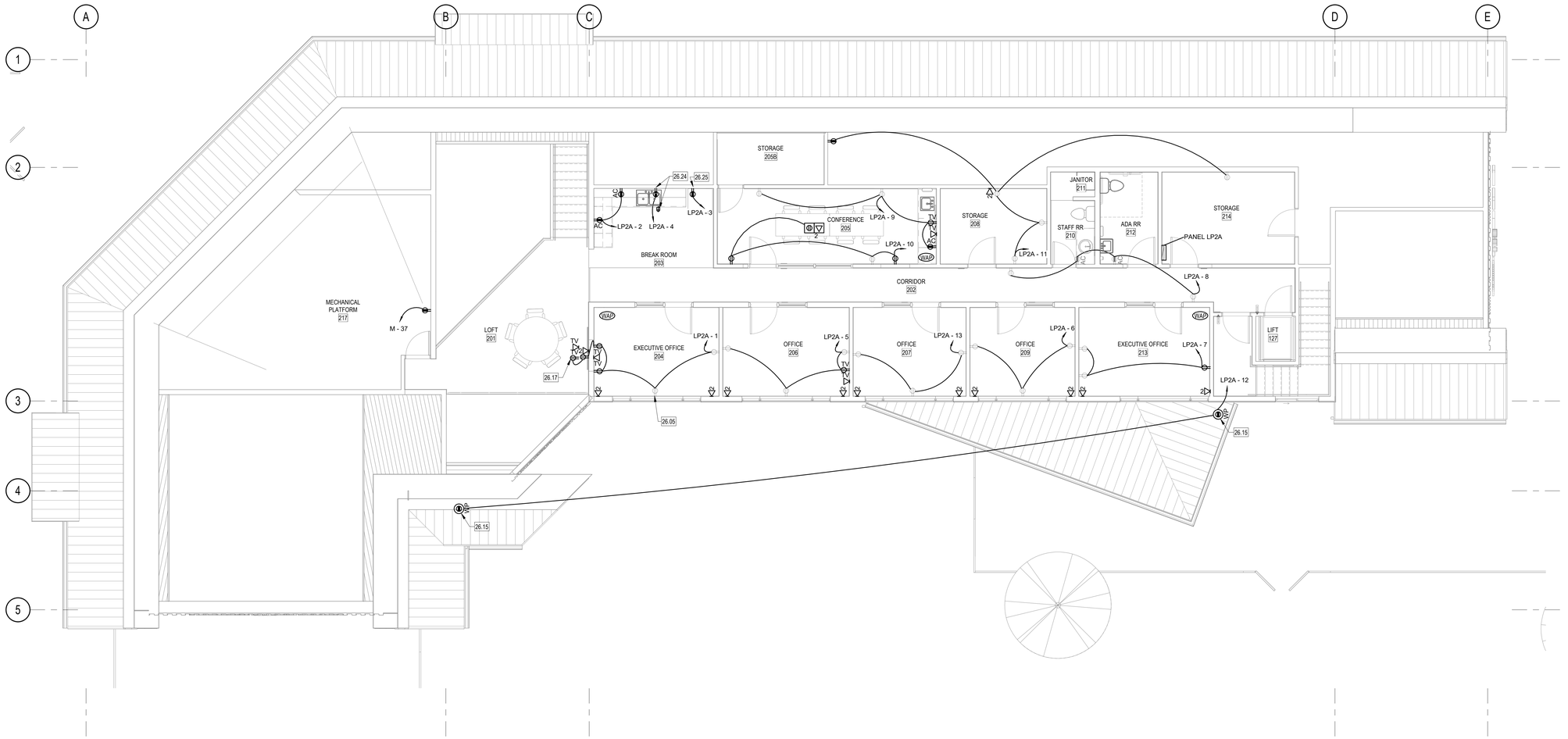
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ELECTRICAL GENERAL NOTES

1	PROVIDE TAMPER-RESISTANT RECEPTACLES THROUGHOUT THE BUILDING.
2	PROVIDE PERMANENT TYPE-WRITTEN LABEL OF PANEL AND CIRCUIT NUMBER ON EACH RECEPTACLE.
3	CONTROLLED RECEPTACLES SHALL BE GREEN. CONNECT CONTROLLED RECEPTACLES TO ROOM-LEVEL OCCUPANCY SENSORS.
4	ACCESS POINTS: PROVIDE CAT6 CABLE TO AN ABOVE CEILING JACK WITH A 10' SERVICE LOOP. ACCESS POINTS BY OWNER.

KEYED NOTES

26.05	REPLACE WIRING DEVICE AND FACEPLATE. REWIRE TO NEW PANEL. TYPICAL.
26.15	PROVIDE RECEPTACLE IN SOFFIT FOR FUTURE LIGHTING.
26.17	SEE TV MONITOR DETAIL.
26.24	GARBAGE DISPOSER: CONNECT SWITCH IN FACE OF COUNTER PER ACCESSIBILITY REQUIREMENTS. COORDINATE LOCATION WITH MILLWORK AND SINK PRIOR TO ROUGH-IN. PROVIDE GFCI BREAKER.
26.25	REFRIGERATOR. PROVIDE GFCI BREAKER.



N A1 **ELECTRICAL POWER PLAN- UPPER LEVEL**

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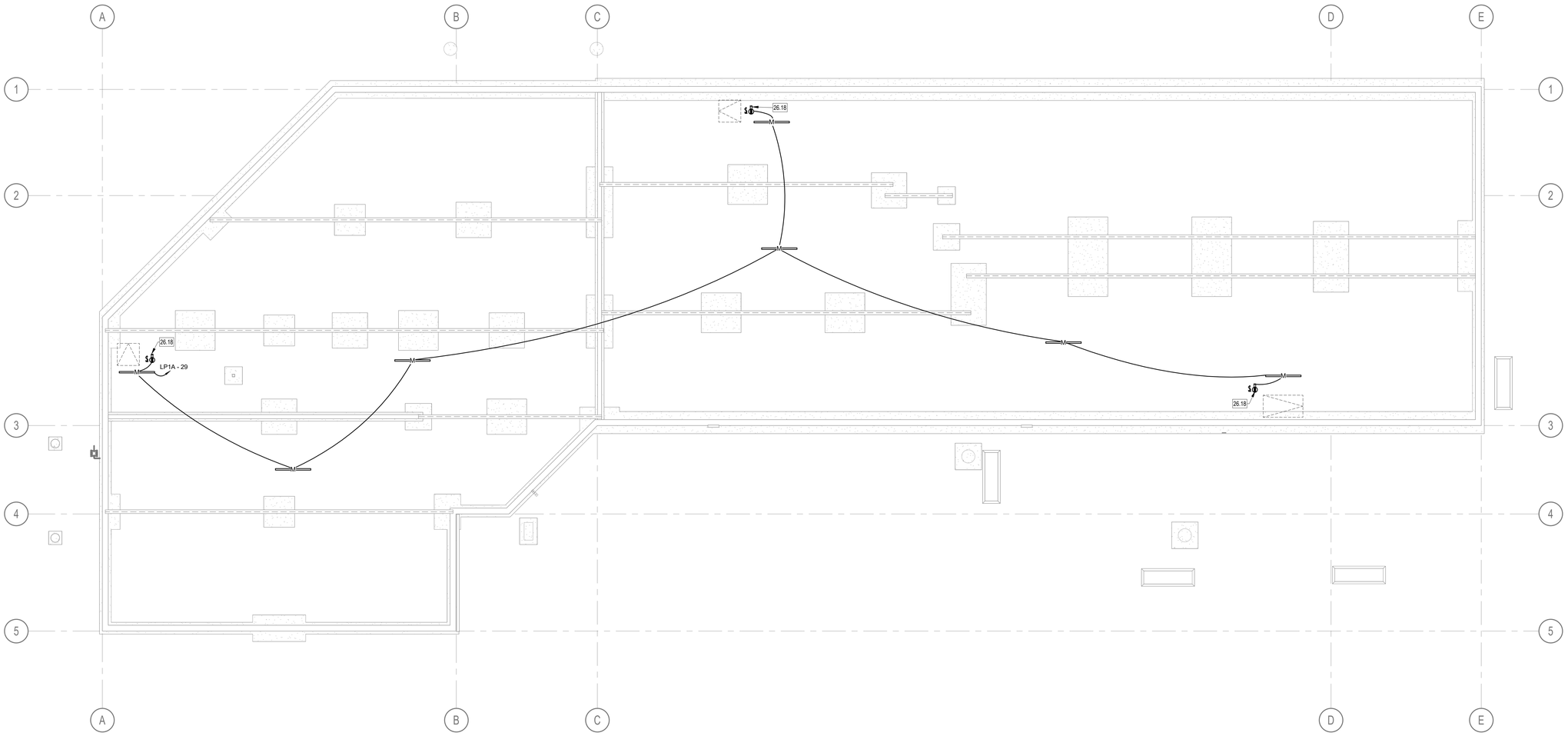
REVISIONS:

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ELECTRICAL POWER PLAN - UPPER LEVEL

KEYED NOTES

26.18	PROVIDE SHARED LIGHTING AND RECEPTACLE CIRCUIT IN CRAWL SPACE FOR SERVICING MECHANICAL EQUIPMENT.



N A1 **ELECTRICAL LIGHTING PLAN - CRAWLSPACE**

3/16" = 1'-0"

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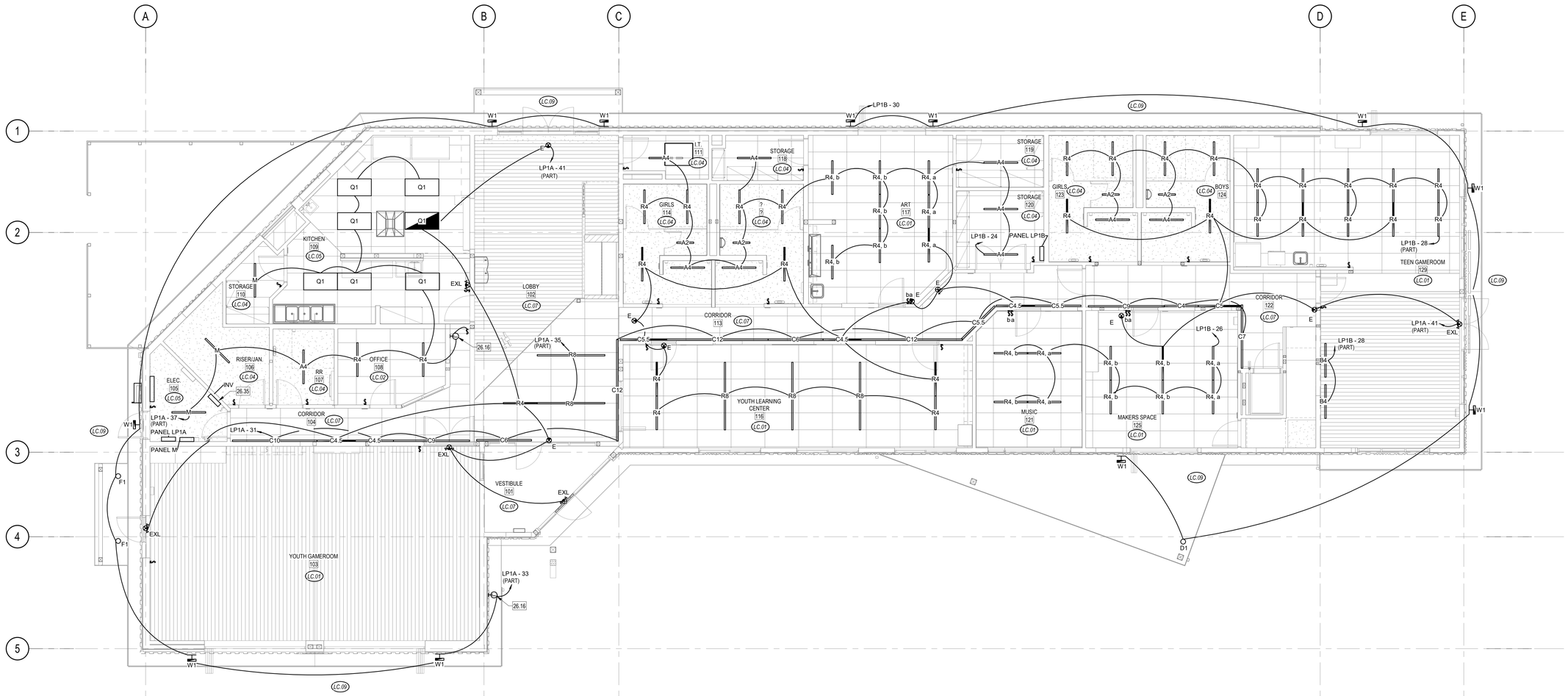
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EL100

ELECTRICAL LIGHTING PLAN - CRAWLSPACE

KEYED NOTES

26.16	PROVIDE CONNECTION AND SWITCH FOR BACKLIT SIGN. COORDINATE WITH ARCHITECT PRIOR TO ROUGH-IN.
26.35	PROVIDE 750W INVERTER FOR EMERGENCY LIGHTING BACK. PROVIDE 90 MINUTES OF BACKUP POWER.



ELECTRICAL LIGHTING PLAN - MAIN LEVEL

3/16" = 1'-0"

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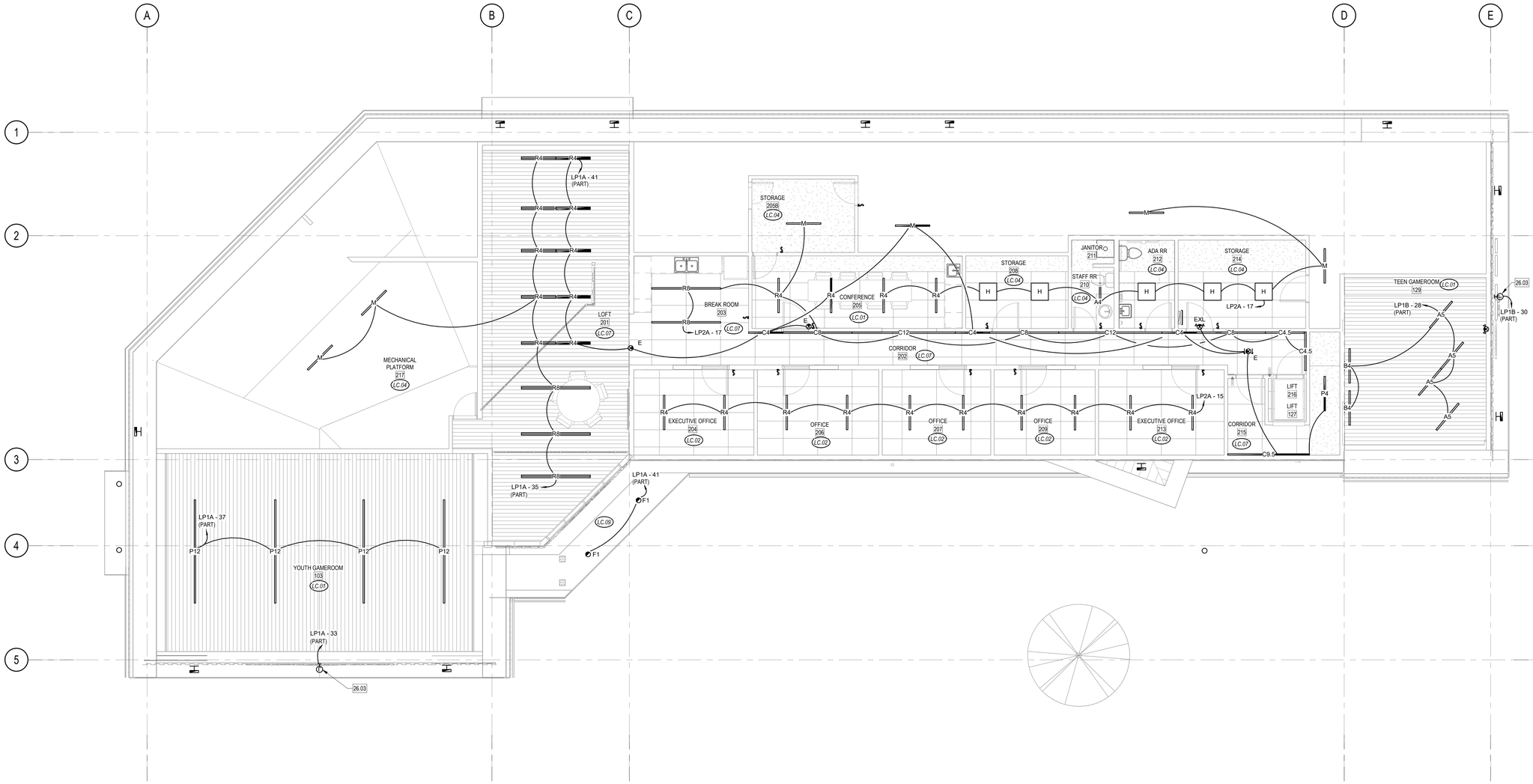
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ELECTRICAL LIGHTING PLAN - MAIN LEVEL

KEYED NOTES

26.03	PROVIDE WEATHERPROOF J-BOX AND CIRCUIT FOR SIGN LIGHTING. COORDINATE EXACT LOCATION OF ROUGH-IN WITH ARCHITECT.



N A1 **ELECTRICAL LIGHTING PLAN - UPPER LEVEL**

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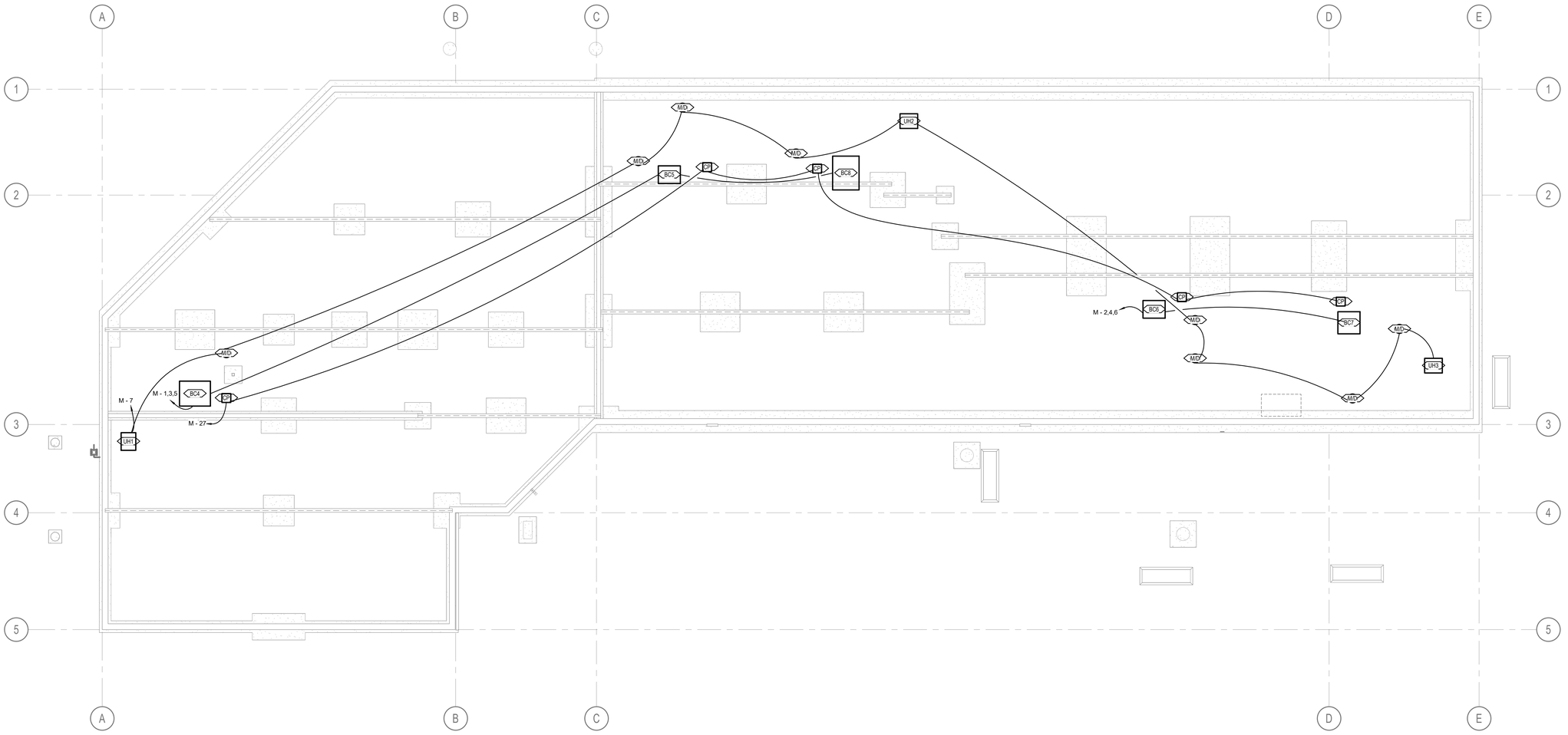
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ELECTRICAL LIGHTING PLAN - UPPER LEVEL

KEYED NOTES



N A1 **ELECTRICAL MECHANICAL CONNECTIONS PLAN - CRAWLSPACE**

3/16" = 1'-0"

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50052
2026-08-28

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB
OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.:	**2540**
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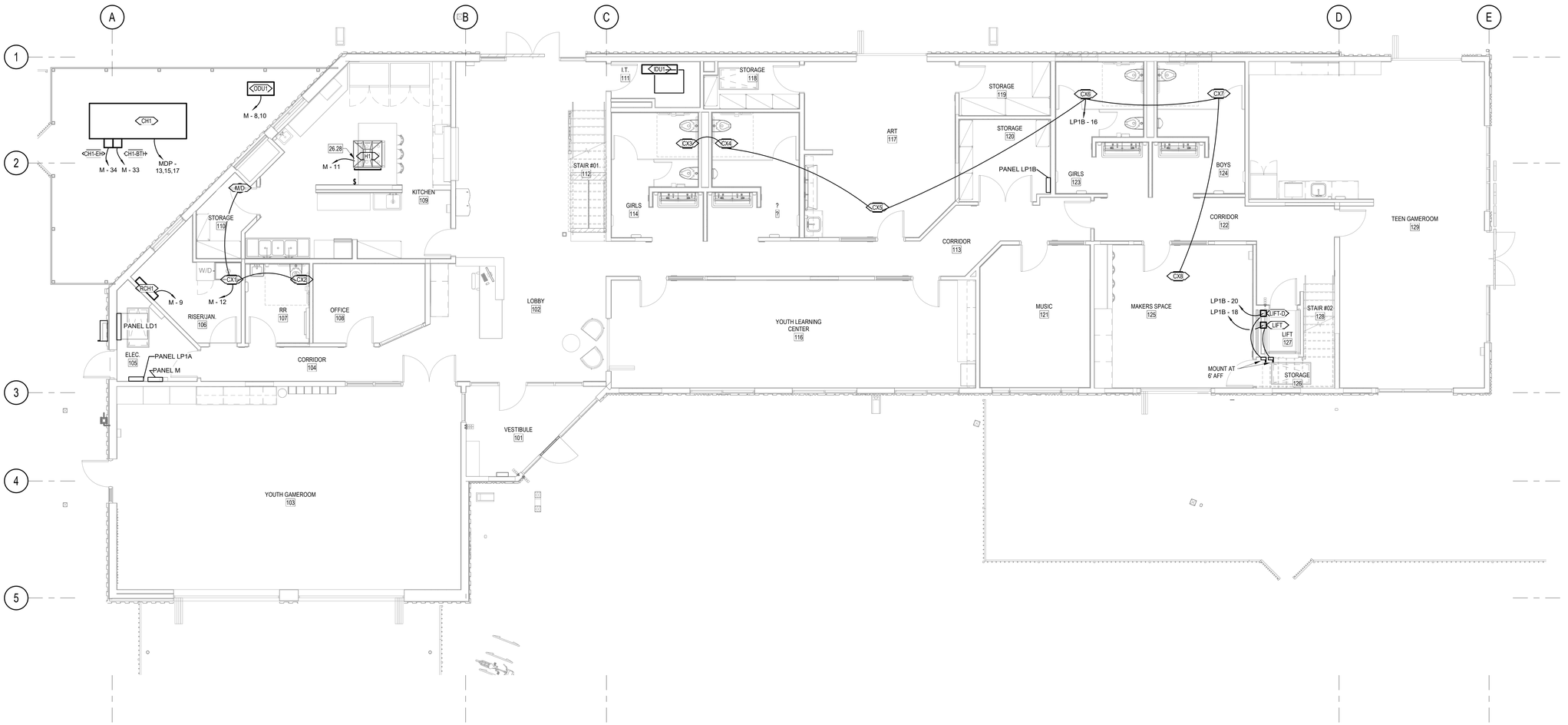
EM100

ELECTRICAL MECH CONNECTIONS PLAN - CRAWLSPACE

PRINT DATE: 8/28/2026 2:29:54 PM

KEYED NOTES

26.28	RANGE HOOD: PROVIDED DEDICATED RECEPTACLE/CIRCUIT FOR RANGE HOOD (RANGE HOOD/MICROWAVE) COMBINATION. COORDINATE EXACT LOCATION OF POWER CONNECTION WITH MANUFACTURER'S SPECIFICATIONS AND MILLWORK PRIOR TO ROUGH-IN. PROVIDE GFCI BREAKER. PROVIDE PATHWAY DOWN IN WALL FOR ACCESSIBLE CONTROLS.



N A1 **ELECTRICAL MECHANICAL CONNECTIONS PLAN - MAIN LEVEL**

3/16" = 1'-0"

PRINT DATE: 8/28/2026 2:20:50 PM

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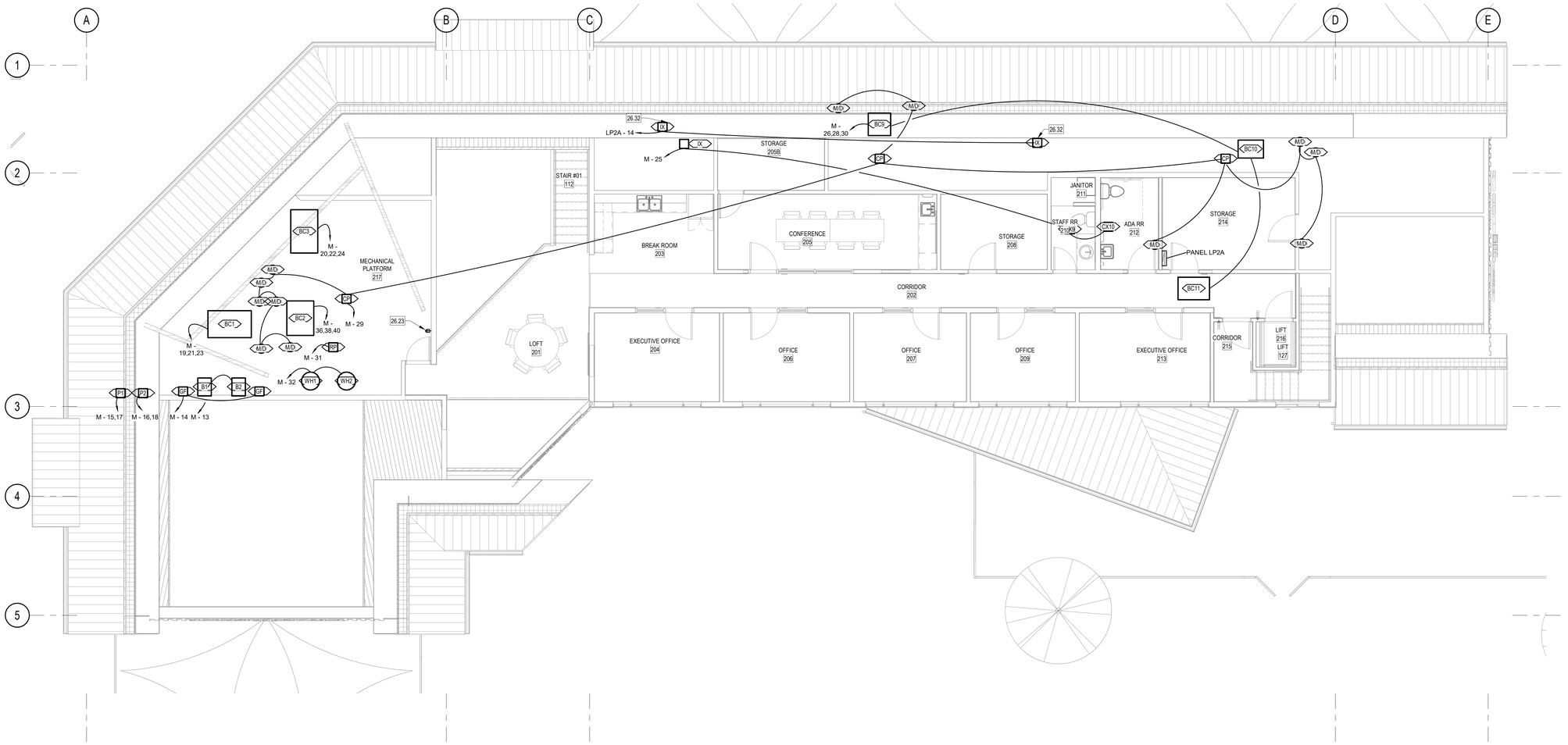
REVISIONS:

EM101

ELECTRICAL MECH CONNECTIONS PLAN - MAIN LEVEL

KEYED NOTES

26.23	EPO TO SIMULTANEOUSLY SHUT OFF ALL GAS FIRED EQUIPMENT, THIS ROOM, INCLUDING BOILERS AND WATER HEATERS.
26.32	PROVIDE ROUGH-IN FOR FUTURE RADON FAN. PROVIDE CIRCUIT AS SHOWN TO J-BOXES. LABEL J-BOX "FUTURE RADON FAN". LABEL BREAKER "FUTURE RADON FANS" AND LEAVE BREAKER OFF.



N A1 **ELECTRICAL MECHANICAL CONNECTIONS PLAN - UPPER LEVEL**

3/16" = 1'-0"

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COLORADO LICENSED BRIAN J. BROOKS 50052 PROFESSIONAL ENGINEER

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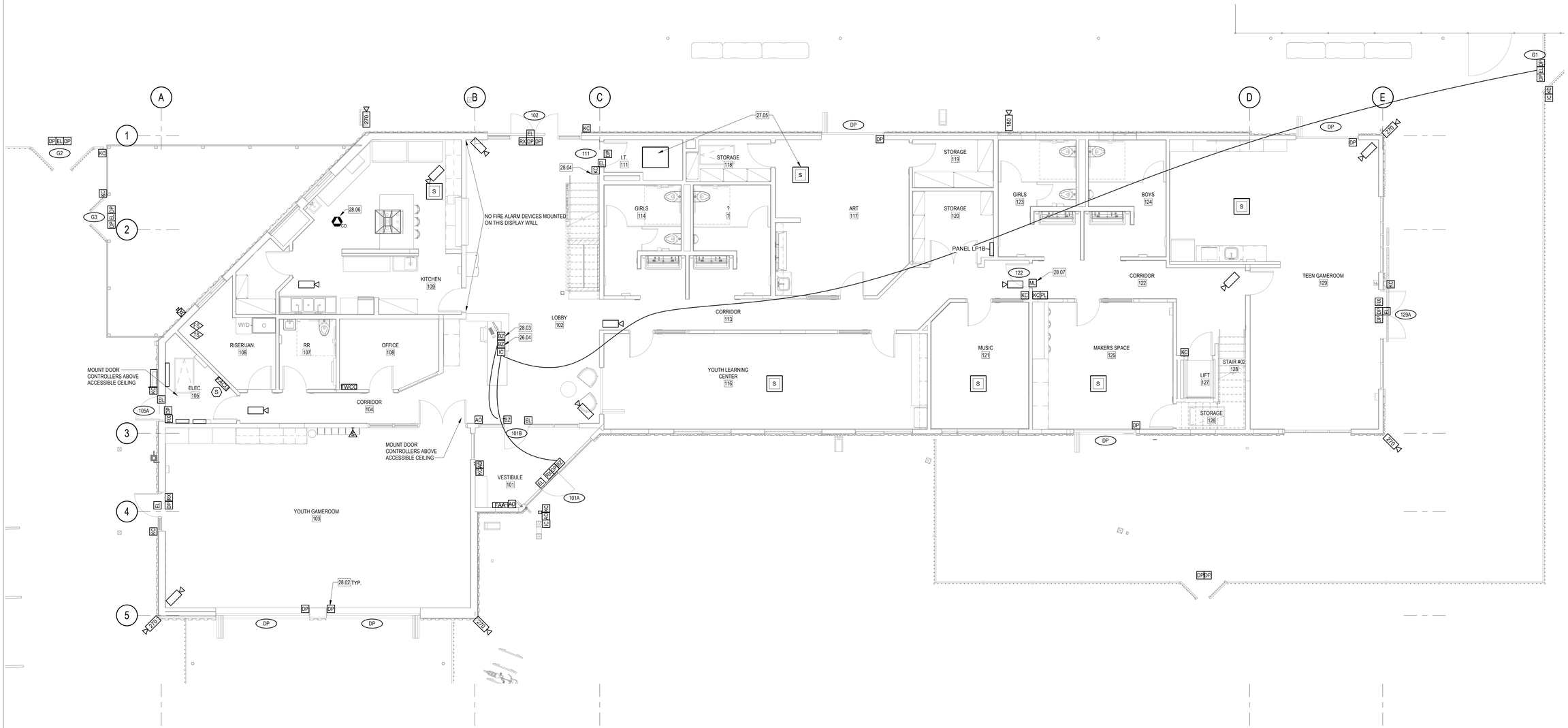
ELECTRICAL MECH CONNECTIONS PLAN - UPPER LEVEL

TECHNOLOGY GENERAL NOTES

1	FIRE ALARM INFORMATION IS TO INDICATE GENERAL SCOPE AND INTERCONNECTIONS WITH OTHER SYSTEMS. NOT ALL DEVICES ARE SHOWN. FIRE ALARM CONTRACTOR TO PROVIDE FULL SYSTEM DESIGN, INCLUDING ALL REQUIRED NOTIFICATION DEVICES, DETECTORS, AND SYSTEM INTERCONNECTIONS REQUIRED BY CODE AND NFPA 72.
2	FIRE ALARM SHALL BE DESIGNED TO 2021 IFC 907.2.3 EXCEPTION #4.
3	SEE "SPECIAL SYSTEMS RESPONSIBILITY MATRIX" FOR ADDITIONAL INFORMATION.
4	CREDENTIAL READERS: LOCATION SHOWN FOR PATHWAY ROUGH-IN AS PART OF "TYPICAL DOOR PATHWAY DETAIL."
5	NOT USED.
6	ACCESS CONTROL: PROVIDE FULL ACCESS CONTROL SYSTEM INCLUDING HARDWARE, CABLING, POWER SUPPLIES, SOFTWARE, PROGRAMMING AND INITIAL LICENSING PER SPECIFICATIONS.
7	SECURITY CAMERAS: PROVIDE FULL SECURITY CAMERA SYSTEM INCLUDING CAMERAS, CABLING, POWER SUPPLIES, NETWORK SWITCHES, NVR, SOFTWARE AND INITIAL SET-UP PER SPECIFICATIONS.
8	PUBLIC ADDRESS: ZONE PER ROOM, ZONE PER DOWNSTAIRS CORRIDOR AND COMMON SPACES, ZONE PER UPSTAIR CORRIDOR AND COMMON AREAS, AND OUTDOOR ZONE.
9	MOUNTING HEIGHT: COORDINATE HEIGHT OF EXTERIOR WALL-MOUNT DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN. ANTICIPATED HEIGHT IS 110" TOP OF BOX, UNLESS NOTED OTHERWISE.

KEYED NOTES

26.04	SEE VESTIBULE CONTROLS DETAIL FOR LAYOUT OF DURESS BUTTON, MOMENTARY BUTTONS, AND VIDEO INTERCOM.
27.05	ALT BID: PROVIDE ANALOG SPEAKERS CONNECTED A SIP-TO-ANALOG TRANSLATOR AND AMPLIFIER IN THE IT ROOM, VALCOM V-2003A OR EQUAL. TIE INTO EXISTING VOIP SYSTEM AS AN ALL-CALL EXTENSION.
28.02	CONNECT ALL DOOR POSITION SWITCHES TO INTRUSION SECURITY SYSTEM TO ENSURE ALL DOORS ARE CLOSED BEFORE SECURITY SYSTEM ARMS.
28.03	PROVIDE HARD-WIRED DURESS BUTTON AT LOBBY DESK. PROVIDE FIVE WIRELESS DURESS BUTTONS FOR STAFF USE.
28.04	PROVIDE PIN-PAD CARD READER AT THIS LOCATION.
28.06	ROOM CONTAINS GAS FIRED EQUIPMENT.
28.07	FIRE ALARM SYSTEM TO MONITOR MAGNETICALLY LOCKED DOOR. DOOR LOCK TO RELEASE UPON FIRE ALARM CONDITION.



A1 ELECTRICAL SPECIAL SYSTEMS PLAN - MAIN LEVEL

3/16" = 1'-0"

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2026-08-28

PROJECT TEAM:

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ELECTRICAL TECHNOLOGY PLAN - MAIN LEVEL

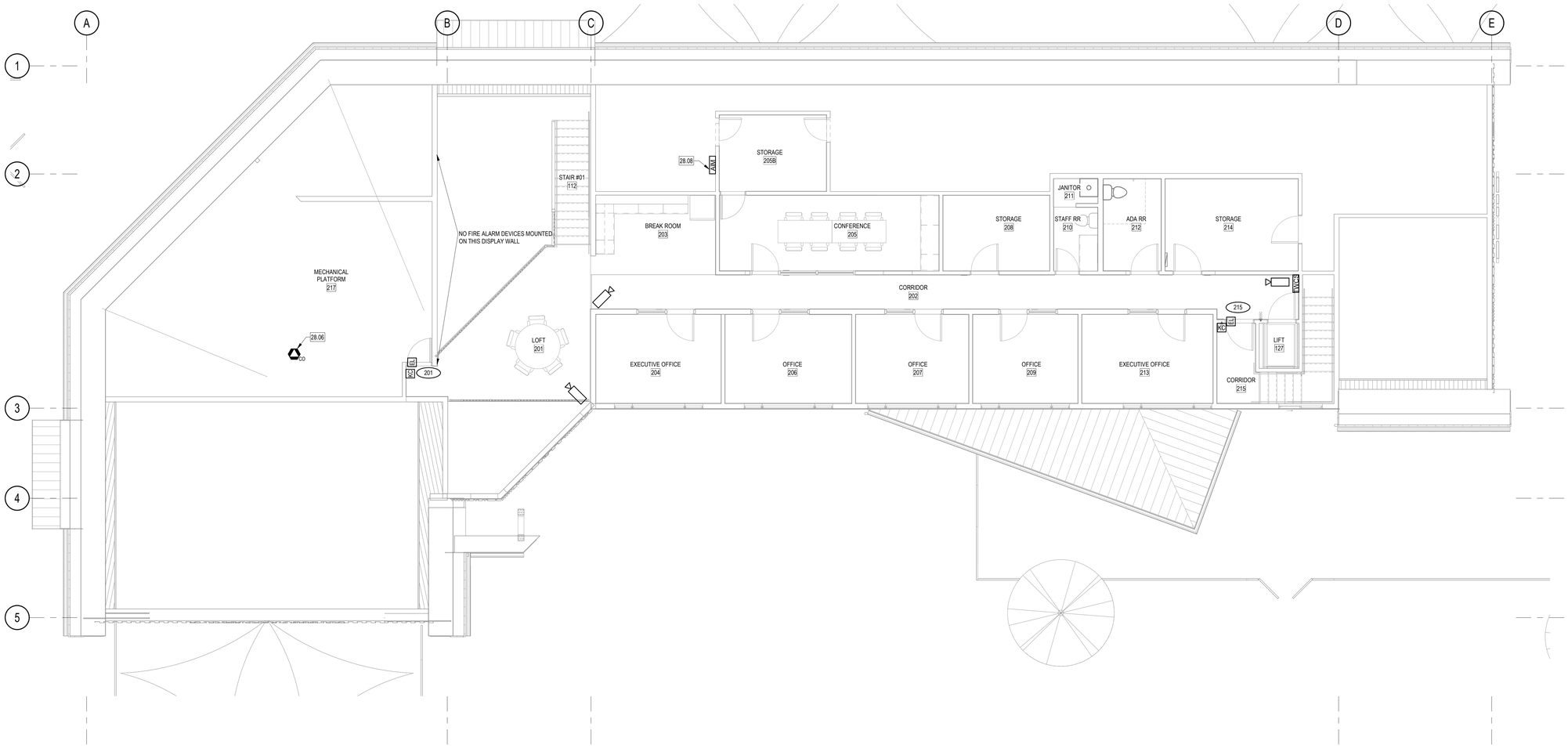
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TECHNOLOGY GENERAL NOTES

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KEYED NOTES

28.06	ROOM CONTAINS GAS FIRED EQUIPMENT.
28.08	FIRE ALARM SYSTEM TO MONITOR RADON SYSTEM.



ELECTRICAL SPECIAL SYSTEMS PLAN - UPPER LEVEL

3/16" = 1'-0"

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ELECTRICAL TECHNOLOGY PLAN - UPPER LEVEL

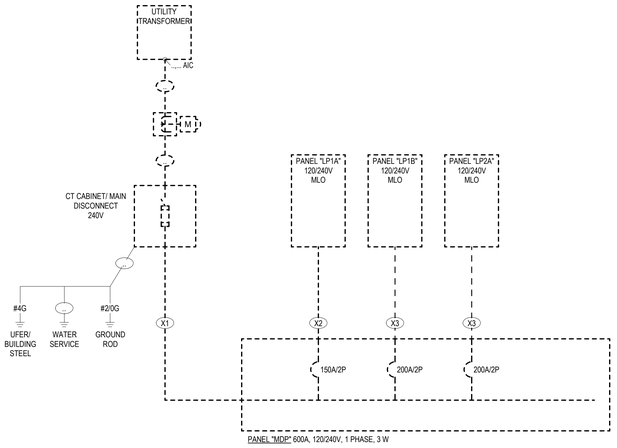
PANEL MDP

Location: ELEC. 105 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 42K
Enclosure: Type 1 | **Phases:** 3 | **Mains Type:** M
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 600 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	PANEL M	200	3	10106	12858					3	200	PANEL LP1A	2
3	--	--	--			11493	10991			--	--	--	4
5	--	--	--					6946	13027	--	--	--	6
7	PANEL LP2A	200	3	3356	12049					3	200	PANEL LP1B	8
9	--	--	--			3050	7355			--	--	--	10
11	--	--	--					2956	12531	--	--	--	12
13	CH1	175	3	12759	--					1	--	Space	14
15	--	--	--			12759	--			1	--	Space	16
17	--	--	--					12759	--	1	--	Space	18
19	Space	--	1	--	--					1	--	Space	20
21	Space	--	1			--	--			1	--	Space	22
23	Space	--	1					--	--	1	--	Space	24
		Total Load:		49991 VA		44541 VA		47208 VA					
		Total Amps:		420 A		371 A		397 A					

Load Classification	Connected Load	Demand Factor	Demand	Panel Totals	
Lighting	4782 VA	125.00%	5977 VA		
Motor	31338 VA	103.03%	32287 VA	Total Conn. Load:	141721 VA
Other	39360 VA	100.00%	39360 VA	Total Est. Demand:	145931 VA
Receptacle	24972 VA	70.02%	17486 VA		
Motor - Largest	39277 VA	125.00%	47846 VA		
Other - Continuous	240 VA	125.00%	300 VA		
Refrigeration	5800 VA	100.00%	5800 VA	Total Conn.:	393 A
Heating	600 VA	100.00%	600 VA	Total Est. Demand:	405 A



DEMOLITION ONE LINE DIAGRAM

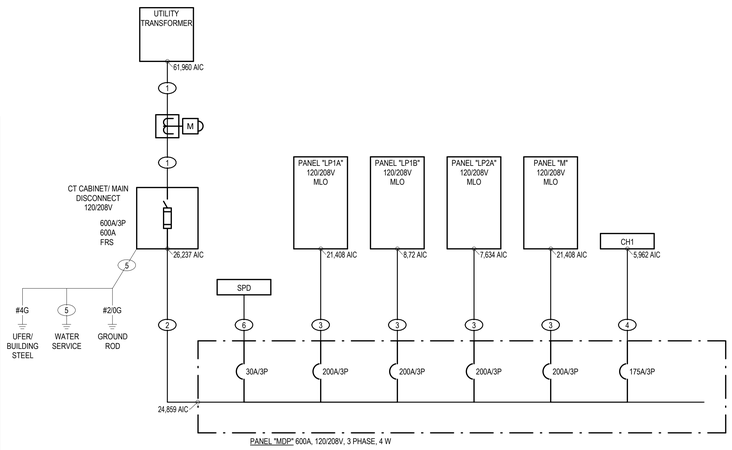
PANEL LP1A

Location: ELEC. 105 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 22K
Enclosure: Type 1 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 200 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	REC - GAME RM 103 N A...	20	1	1620	360					1	20	REC - GAME RM 103 FLR...	2
3	REC - GAME RM 103 E AN...	20	1			1080	2000			2	20	REC - JAN 106 DRYER	4
5	REC - KITCHEN	20	1					1600	2000	--	--	--	6
7	GARBAGE DISPOSAL	20	1	1500	1500					1	20	REC - JAN 106 WASHER	8
9	REC - KITCHEN...	20	1			1500	360			1	20	REC - RM 105	10
11	REC - KITCHEN MICRO	20	1					1600	720	1	20	REC - EXT WP E	12
13	REC - KITCHEN	20	1	1600	810					1	20	REC-JAN 106, RR 107, CO...	14
15	REC - KITCHEN	20	1			1600	1260			1	20	REC - OFFICE 108	16
17	REC - KITCHEN MICRO	20	1					1600	1000	1	20	REC-OFF 108 COPIER	18
19	REC - KITCHEN FRIDGE	20	1	1300	600					1	20	EWCs	20
21	REC - KITCHEN FRIDGE	20	1			1300	1440			1	20	REC - LOBBY	22
23	RANGE 208V	50	2					2500	480	1	20	DOOR CONTROLS	24
25	--	--	--	2500	0					1	20	Spare	26
27	RANGE 120V	20	1			50	0			1	20	Spare	28
29	LTG - CRAWL SPACE	20	1					680	0	1	20	Spare	30
31	LTG - CORR	20	1	294	0					1	20	Spare	32
33	LTG - EXT W	20	1			316	0			1	20	Spare	34
35	LTG - LOFT, VEST	20	1					279	0	1	20	Spare	36
37	LTG - 103, 105-109	20	1	774	0					1	20	Spare	38
39	LTG - SITE FRONT	20	1			85	0			1	20	Spare	40
41	LTG - EMERG INV	20	1					576	0	1	20	Spare	42
		Total Load:		12858 VA		10991 VA		13027 VA					
		Total Amps:		110 A		92 A		111 A					

Load Classification	Connected Load	Demand Factor	Demand	Panel Totals	
Lighting	2459 VA	125.00%	3074 VA		
Other	27080 VA	100.00%	27080 VA	Total Conn. Load:	36876 VA
Receptacle	4140 VA	100.00%	4140 VA	Total Est. Demand:	37490 VA
Refrigeration	3200 VA	100.00%	3200 VA		
				Total Conn.:	102 A
				Total Est. Demand:	104 A



NEW ONE LINE DIAGRAM

PANEL LP1B

Location: STORAGE 120 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10k
Enclosure: Type 1 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 225 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	REC - LEARN CNTR 116...	20	1	360	540					1	20	REC - LEARN CNTR 116	2
3	REC - LEARN CNTR SMR...	20	1			180	900			1	20	REC - MUSIC 121	4
5	REC - MAKR SPC 125	20	1					1600	900	1	20	REC - IT 111 S	6
7	REC - MAKR SPC 125 FLR	20	1	360	900					1	20	REC - IT 111 E	8
9	REC - MAKR SPC SMRT	20	1			540	900			1	20	REC - IT 111 N	10
11	REC - MAKR SPC 125	20	1					1600	2496	2	30	REC - IT 30A	12
13	REC - GAMERM 129 S	20	1	1440	2496					--	--	--	14
15	REC - GAMERM PC W	20	1			900	284			1	20	CXs	16
17	REC - GAMERM FRIDGE	20	1					1300	1920	1	20	LIFT	18
19	REC - GAMERM GFCI	20	1	1600	1440					1	20	LIFT DOOR	20
21	REC - GAMERM PC E	20	1			900	480			1	20	DOOR CONTROLS	22
23	REC - GAMERM TV	20	1					900	320	1	20	LTG - 111, 114, 115, 117-120	24
25	REC - GAMERM GFCI	20	1	1600	221					1	20	LTG - 116, 121, 125	26
27	REC - RR, CORR, STRG	20	1			1080	399			1	20	LTG - 123, 124, 129	28
29	REC - LEARN CNTR 116 E	20	1					360	218	1	20	LTG - EXT E	30
31	REC - EXT WP N	20	1	720	500					1	20	LTG - SITE BACK	32
33	REC - EXT WP S	20	1			720	100			1	20	MONUMENT SIGN	34
35	REC-ART 117	20	1					1080	0	1	20	Spare	36
37	Spare	20	1	0	0					1	20	Spare	38
39	Spare	20	1			0	0			1	20	Spare	40
41	Spare	20	1					0	0	1	20	Spare	42
		Total Load:		12049 VA		7355 VA		12531 VA					
		Total Amps:		106 A		61 A		110 A					

Load Classification	Connected Load	Demand Factor	Demand	Panel Totals	
Lighting	1758 VA	125.00%	2197 VA		
Motor	3644 VA	113.17%	4124 VA	Total Conn. Load:	31929 VA
Other	12280 VA	100.00%	12280 VA	Total Est. Demand:	31177 VA
Receptacle	13272 VA	87.67%	11636 VA		
Refrigeration	1300 VA	100.00%	1300 VA		
				Total Conn.:	89 A
				Total Est. Demand:	87 A

PANEL LP2A

Location: STORAGE 214 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10k
Enclosure: Type 1 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 200 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	REC - LOFT 201, OFF 204	20	1	1080	360					1	20	REC - BREAKRM...	2
3	REC - BREAKRM FRIDGE...	20	1			1300	180			1	20	GARBAGE DISPOSAL	4
5	REC - OFFICE 206	20	1					720	540	1	20	REC - OFFICE 209	6
7	REC - OFFICE 213	20	1	540	720					1	20	REC - RR GFCI 210, RR...	8
9	REC - CONF TV, AC 205	20	1			720	720			1	20	REC - CONF 205	10
11	REC - STOR 208, STOR...	20	1					900	360	1	20	REC- EXTERIOR EAVES	12
13	REC - OFFICE 207	20	1	540	128					1	20	FUTURE RADON FANS	14
15	LTG - OFFICES 2ND FLR	20	1			130	0			1	20	Spare	16
17	LTG - 203, 205, 208, 210,...	20	1					436	0	1	20	Spare	18
19	Spare	20	1	0	0					1	20	Spare	20
21	Spare	20	1			0	0			1	20	Spare	22
23	Spare	20	1					0	0	1	20	Spare	24
25	Spare	20	1	0	0					1	20	Spare	26
27	Spare	20	1			0	0			1	20	Spare	28
29	Spare	20	1					0	0	1	20	Spare	30
31	Spare	20	1	0	0					1	20	Spare	32
33	Spare	20	1			0	0			1	20	Spare	34
35	Spare	20	1					0	0	1	20	Spare	36
37	Space	--	1	--	--					1	--	Space	38
39	Space	--	1			--	--			1	--	Space	40
41	Space	--	1					--	--	1	--	Space	42
		Total Load:		3356 VA		3050 VA		2956 VA					
		Total Amps:		28 A		26 A		25 A					

Load Classification	Connected Load	Demand Factor	Demand	Panel Totals	
Lighting	566 VA	125.00%	708 VA		
Motor	128 VA	112.50%	144 VA	Total Conn. Load:	9362 VA
Receptacle	7380 VA	100.00%	7380 VA	Total Est. Demand:	9518 VA
Refrigeration	1300 VA	100.00%	1300 VA		
				Total Conn.:	26 A
				Total Est. Demand:	26 A

PANEL M

Location: ELEC. 105 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 22k
Enclosure: Type 1 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 200 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	BC4, BC5, BC8	15	3	925	685					3	15	BC6, BC7	2
3	--	--	--			925	685			--	--	--	4
5	--	--	--					925	685	--	--	--	6
7	UHs, MDs IN CRAWL (GFCI)	20	1	1392	1898					2	35	ODU1	8
9	RCH1	20	1			600	1898			--	--	--	10
11	H1 HOOD	20	1					300	138	1	20	CXs, MDs, MAIN FLOOR	12
13	B1, B2	20	1	864	240					1	20	GF1, GF2	14
15	P1	15	2			300	300			2	15	P2	16
17	--	--	--					300	300	--	--	--	18
19	BC1	15	3	624	624					3	15	BC3	20
21	--	--	--			624	624			--	--	--	22
23	--	--	--					624	624	--	--	--	24
25	IX, CX9, CK10	20	1	78	925					3	15	C9, BC10, BC11	26
27	CPs CRAWLSPACE	20	1			220	925			--	--	--	28
29	CPs, M/Ds ATTIC	20	1					1572	925	--	--	--	30
31	RP	20	1	44	1200					1	20	WHs	32
33	CH1-BTH	20	1			1920	1920			1	20	CH1-EH	34
35	FACP (RED BREAKER)	20	1					120	444	3	15	BC2	36
37	REC- MECH ROOM	20	1	180	444					--	--	--	38
39	DDC PANEL	20	1			120	444			--	--	--	40
41	Space	--	1					--	--	1	--	Space	42
		Total Load:		10106 VA		11493 VA		6946 VA					
		Total Amps:		88 A		100 A		58 A					

Load Classification	Connected Load	Demand Factor	Demand	Panel Totals	
Motor	27566 VA	103.44%	28515 VA		
Receptacle	180 VA	100.00%	180 VA	Total Conn. Load:	28545 VA
Other - Continuous	240 VA	125.00%	300 VA	Total Est. Demand:	29548 VA
Heating	600 VA	100.00%	600 VA		
				Total Conn.:	79 A
				Total Est. Demand:	82 A

LEGEND

- NEW
- EXISTING TO REMAIN
- DEMOLISHED
- MAIN DISTRIBUTION PANEL

GENERAL NOTES

1. ALL UNDERGROUND CONDUIT TO BE SCHEDULED 80 PVC.
2. ALL EXPOSED EXTERIOR CONDUIT TO BE RIGID STEEL.
3. THIS DIAGRAM IS SCHEMATIC, AND NOT INTENDED TO SPECIFY CONDUIT ROUTING OR FEED SIDE OF PANELS.
4. ALL CONDUCTORS TO BE COPPER UNLESS OTHERWISE SPECIFIED AS "AL". CONTRACTOR MUST GET WRITTEN PERMISSION TO SUBSTITUTE ANY FEEDER WITH ALUMINUM CONDUCTORS.
5. WHERE ALUMINUM FEEDERS ARE SPECIFIED, VERIFY THAT ASSOCIATED PANELS ARE RATED FOR ALUMINIUM CONDUCTORS.
6. TERMINAL SCREWS ON ALL ALUMINUM FEEDERS SHALL BE TORQUED TO CONDUCTOR MANUFACTURER'S SPECIFICATIONS AT CONSTRUCTION, AND RE-TORQUED 90 DAYS AFTER COMMISSIONING.

KEYED NOTES

FEEDER NOTES

X1. 2[(3#350MCM & 1#1/0G) 2-1/2"C]

X2. (3#1/0 & 1#6G) 1-1/2"C

X3. (3#3/0 & 1#6G) 2"C

1. 2[(4#350MCM)3"C]
2. 2[(4#350MCM & 1#1G) 3"C]
3. (4#3/0 & 1#6G) 2"C
4. (4#2/0 & 1#6G) 2"C
5. #2/0G
6. (3#10 & 1#10G)3/4"C

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COLORADO LICENSED PROFESSIONAL ENGINEER 50052 BRIAN T. BROWN

2026-08-28

PROJECT TEAM:

PEAK land design

CHC Engineers, LLC

ME&E ENGINEERING

THE BOYS AND GIRLS CLUB OF THE SOUTHERN UTE INDIAN TRIBE

296 MOUACHE CR.
IGNACIO, CO 81137

JOB. NO.: 2540
ISSUE DATE: 2026-08-31
DRAWN BY: SB

ISSUE RECORD:
SD PHASE 2026-02-06
DD PHASE 2026-07-06
CD PHASE 2026-08-31

REVISIONS:

E501

ONE-LINE DIAGRAM AND PANEL SCHEDULES

PRINT DATE: 8/28/2026 2:34:14 PM

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

NOTES: 1. Confirm neutral conductor requirements with equipment installer prior to installing branch circuits. 2. All VFDs are provided by mechanical contractor and installed by electrical contractor, but VFD startup and programming must be by VFD factory authorized representative. 3. Route power to rooftop units within building. If field conditions make exposed rooftop conduit necessary, submit RFI for revised conductor sizes.

UNIT	DESCRIPTION	ELECTRICAL	HP	FLA	MCA	CB AT PANEL	DISC. AT UNIT	STARTER	PANEL	CIRCUIT #	CONDUCTORS/CONDUIT	NOTES
B1	BOILER	120 V/1-432 VA		3.6	4.5	20 A	SWITCH	INTEGRAL	M	13	(2#12 & #12 G) 3/4"C	
B2	BOILER	120 V/1-432 VA		3.6	4.5	20 A	SWITCH	INTEGRAL	M	13	(2#12 & #12 G) 3/4"C	
BC1	BLOWER COIL	208 V/3-1873 VA		5.2	6.5	15 A	INTEGRAL	INTEGRAL	M	19,21,23	(3#12 & #12 G) 3/4"C	
BC2	BLOWER COIL	208 V/3-1333 VA		3.7	4.63	15 A	INTEGRAL	INTEGRAL	M	36,38,40	(3#12 & #12 G) 3/4"C	
BC3	BLOWER COIL	208 V/3-1873 VA		5.2	6.5	15 A	INTEGRAL	INTEGRAL	M	20,22,24	(3#12 & #12 G) 3/4"C	
BC4	BLOWER COIL	208 V/3-720 VA		2.0	2.5	15 A	INTEGRAL	INTEGRAL	M	1,3,5	(3#12 & #12 G) 3/4"C	
BC5	BLOWER COIL	208 V/3-721 VA		2.0	2.5	15 A	INTEGRAL	INTEGRAL	M	1,3,5	(3#12 & #12 G) 3/4"C	
BC6	BLOWER COIL	208 V/3-721 VA		2.0	2.5	15 A	INTEGRAL	INTEGRAL	M	2,4,6	(3#12 & #12 G) 3/4"C	
BC7	BLOWER COIL	208 V/3-1333 VA		3.7	4.63	15 A	INTEGRAL	INTEGRAL	M	2,4,6	(3#12 & #12 G) 3/4"C	
BC8	BLOWER COIL	208 V/3-1333 VA		3.7	4.63	15 A	INTEGRAL	INTEGRAL	M	1,3,5	(3#12 & #12 G) 3/4"C	
BC9	BLOWER COIL	208 V/3-721 VA		2	2.5	15 A	INTEGRAL	INTEGRAL	M	26,28,30	(3#12 & #12 G) 3/4"C	
BC10	BLOWER COIL	208 V/3-721 VA		2.0	2.5	15 A	INTEGRAL	INTEGRAL	M	26,28,30	(3#12 & #12 G) 3/4"C	
BC11	BLOWER COIL	208 V/3-1333 VA		3.7	4.63	15 A	INTEGRAL	INTEGRAL	M	26,28,30	(3#12 & #12 G) 3/4"C	
CH1	CHILLER	208 V/3-38277 VA		106.25	120	175 A	INTEGRAL	INTEGRAL	MDP	13,15,17	(4#2/0 & 1#6G) 2"C	
CH1-BTH	CHILLER BUFFER TANK HEATER	120 V/1-1920 VA				20 A	SWITCH	INTEGRAL	M	33	(2#12 & #12 G) 3/4"C	
CH1-EH	CHILLER EVAPORATOR HEATER	120 V/1-1920 VA				20 A	SWITCH	INTEGRAL	M	34	(2#12 & #12 G) 3/4"C	
CP	CONDENSATE PUMP	120 V/1-44 VA				20 A	CORD AND PLUG	INTEGRAL	M	<varies>	(2#12 & #12 G) 3/4"C	
CX1	CEILING EXHAUSTER	120 V/1-11 VA				15 A	THERMAL SWITCH	INTEGRAL	M	12	(2#12 & #12 G) 3/4"C	
CX2	CEILING EXHAUSTER	120 V/1-7 VA				15 A	THERMAL SWITCH	INTEGRAL	M	12	(2#12 & #12 G) 3/4"C	
CX3	CEILING EXHAUSTER	120 V/1-45 VA				15 A	THERMAL SWITCH	INTEGRAL	LP1B	16	(2#12 & #12 G) 3/4"C	
CX4	CEILING EXHAUSTER	120 V/1-45 VA				15 A	THERMAL SWITCH	INTEGRAL	LP1B	16	(2#12 & #12 G) 3/4"C	
CX5	CEILING EXHAUSTER	120 V/1-59 VA				15 A	THERMAL SWITCH	INTEGRAL	LP1B	16	(2#12 & #12 G) 3/4"C	
CX6	CEILING EXHAUSTER	120 V/1-45 VA				15 A	THERMAL SWITCH	INTEGRAL	LP1B	16	(2#12 & #12 G) 3/4"C	
CX7	CEILING EXHAUSTER	120 V/1-45 VA				15 A	THERMAL SWITCH	INTEGRAL	LP1B	16	(2#12 & #12 G) 3/4"C	
CX8	CEILING EXHAUSTER	120 V/1-45 VA				15 A	THERMAL SWITCH	INTEGRAL	LP1B	16	(2#12 & #12 G) 3/4"C	
CX9	CEILING EXHAUSTER	120 V/1-7 VA				15 A	THERMAL SWITCH	INTEGRAL	M	25	(2#12 & #12 G) 3/4"C	
CX10	CEILING EXHAUSTER	120 V/1-7 VA				15 A	THERMAL SWITCH	INTEGRAL	M	25	(2#12 & #12 G) 3/4"C	
GF	GLYCOL FEEDER	120 V/1-120 VA				20 A	CORD AND PLUG	INTEGRAL	M	14	(2#12 & #12 G) 3/4"C	
H1	ISLAND HOOD	120 V/1-300 VA				20 A	SWITCH	INTEGRAL	M	11	(2#12 & #12 G) 3/4"C	
IDU1	MINI SPLIT INDOOR UNIT	208 V/2-1 VA				1 A	SWITCH	INTEGRAL				POWERED BY OUTDOOR UNIT
IX	INLINE FAN	120 V/1-64 VA		FRACT		15 A	THERMAL SWITCH	INTEGRAL	<varies>	<varies>	(2#12 & #12 G) 3/4"C	
LIFT	LIFT	120 V/1-1920 VA				20 A	SWITCH	INTEGRAL	LP1B	18	(2#12 & #12 G) 3/4"C	ROUTE CIRCUIT THROUGH SEPARATE FUSED DISCONNECT PER MANUFACTURER'S REQUIREMENTS.
LIFT-D	LIFT DOOR OPERATORS	120 V/1-1440 VA				15 A	SWITCH	INTEGRAL	LP1B	20	(2#12 & #12 G) 3/4"C	ROUTE CIRCUIT THROUGH SEPARATE DISCONNECT PER MANUFACTURER'S REQUIREMENTS.
M/D	M/D TRANSFORMER	120 V/1-120 VA				15 A	NA	NA	M	<varies>	(2#12 & #12 G) 3/4"C	
ODU1	MINI SPLIT OUTDOOR UNIT	208 V/2-3796 VA		18.25	22	35 A	100A / 2P / NF	INTEGRAL	M	8,10	(2#8 & #10 G) 3/4"C	
P1	INLINE PUMP	208 V/2-600 VA				15 A	30A / 2P / NF	INTEGRAL	M	15,17	(2#12 & #12 G) 3/4"C	
P2	INLINE PUMP	208 V/2-600 VA				15 A	30A / 2P / NF	INTEGRAL	M	16,18	(2#12 & #12 G) 3/4"C	
RCH1	RADIANT COVE HEATER	120 V/1-600 VA				20 A	INTEGRAL	INTEGRAL	M	9	(2#12 & #12 G) 3/4"C	
RP	RECIRC PUMP	120 V/1-44 VA				15 A	CORD AND PLUG	INTEGRAL	M	31	(2#12 & #12 G) 3/4"C	
UH1	UNIT HEATER	120 V/1-144 VA		1.2	1.5	3 A	SWITCH	INTEGRAL	M	7	(2#12 & #12 G) 3/4"C	
UH2	UNIT HEATER	120 V/1-144 VA		1.2	1.5	3 A	SWITCH	INTEGRAL	M	7	(2#12 & #12 G) 3/4"C	
UH3	UNIT HEATER	120 V/1-144 VA		1.2	1.5	3 A	SWITCH	INTEGRAL	M	7	(2#12 & #12 G) 3/4"C	
WH1	WATER HEATER	120 V/1-600 VA				20 A	THERMAL SWITCH	NA	M	32	(2#12 & #12 G) 3/4"C	
WH2	WATER HEATER	120 V/1-600 VA				20 A	THERMAL SWITCH	NA	M	32	(2#12 & #12 G) 3/4"C	

LIGHTING FIXTURE SCHEDULE

NOTES: 1. Unless otherwise noted, all interior fixtures shall be 35K CCT, all exterior 30K. Interior fixtures shall have minimum 80 CRI, unless higher CRI noted below. 2. All heights shown are to bottom of fixture.

TYPE	DESCRIPTION	MOUNTING	HEIGHT	MAKE	MODEL	LAMP	WATTS	BATTERY	LUMENS	OPTIC	CRI	NOTES
A2	LINEAR DIRECT	SURFACE	CEILING	SCULPT	SCD-500-80-35-FL-2	LED	11	NONE	1000		80	
A4	LINEAR DIRECT	SURFACE	CEILING	SCULPT	SCD-500-80-35-FL-4	LED	22	NONE	2000		80	
A5	DIRECT 500 /INDIRECT 300 LINEAR 4'	SURFACE	CEILING	SCULPT	SCDI-300-500-80-35-SO-FL-4	LED	31	NONE	3200		80	
B4	DIRECT 400 /INDIRECT 300 LINEAR 4'	SURFACE	CEILING	SCULPT	SCDI-300-500-80-35-ASO	LED	27	NONE	2800	ASYMMETRIC	80	
C4	RECESSED LINEAR DIRECT	RECESSED	CEILING	SCULPT	SCR-300-80-35-ASO-4	LED	12	NONE	1300		80	
C4.5	RECESSED LINEAR DIRECT	RECESSED	CEILING	SCULPT	SCR-300-80-35-ASO-4	LED	13	NONE	1300		80	
C5	RECESSED LINEAR DIRECT	RECESSED	CEILING	SCULPT	SCR-300-80-35-FL-4	LED	15	NONE	1300		80	
C5.5	RECESSED LINEAR DIRECT	RECESSED	CEILING	SCULPT	SCR-300-80-35-FL-4	LED	16	NONE	1300		80	
C6	RECESSED LINEAR DIRECT	RECESSED	CEILING	SCULPT	SCR-300-80-35-FL-4	LED	17	NONE	1300		80	
C7	RECESSED LINEAR DIRECT	RECESSED	CEILING	SCULPT	SCR-300-80-35-FL-4	LED	20	NONE	1300		80	
C8	RECESSED LINEAR DIRECT	RECESSED	CEILING	SCULPT	SCR-300-80-35-ASO-4	LED	23	NONE	1300		80	
C9	RECESSED LINEAR DIRECT	RECESSED	CEILING	SCULPT	SCR-300-80-35-FL-4	LED	26	NONE	1300		80	
C9.5	RECESSED LINEAR DIRECT	RECESSED	CEILING	SCULPT	SCR-300-80-35-FL-4	LED	27	NONE	1300		80	
C10	RECESSED LINEAR DIRECT	RECESSED	CEILING	SCULPT	SCR-300-80-35-FL-4	LED	29	NONE	1300		80	
C12	RECESSED LINEAR DIRECT	RECESSED	CEILING	SCULPT	SCR-300-80-35-ASO-4	LED	34	NONE	1300		80	
D1	6" DOWNLIGHT WET RATED	RECESSED	CEILING	SLG	DRC	LED	24	NONE	2000		80	
E	EXIT SIGN	UNIVERSAL	CEILING	ILP	EXS1	LED	3	INTEGRAL	N/A	N/A	N/A	
EM	EMERGENCY LIGHT	UNIVERSAL	CEILING	ILP	EXL1	LED	4	INTEGRAL		N/A	N/A	
EXL	EXIT SIGN WITH LIGHTS	UNIVERSAL	CEILING	ILP	EXC1	LED	3	INTEGRAL	N/A	N/A	N/A	
F1	4" CYLINDER DOWNLIGHT	PENDANT	10' A..F.G.	SLG	CLS	LED	20	NONE'	2000		80	
H	2X2 TROFFER	RECESSED	CEILING	AXIS LIGHTING	BCFA2	LED	20	NONE	2300		80	
M	SINGLE LENS STRIP LIGHT	SURFACE	CEILING	METALUX	4ST1L2040R	LED	20	NONE	2200		80	
P4	DIRECT 400 /INDIRECT 300 LINEAR 4'	SUSPENDED	CEILING	SCULPT	SCDI-300-400-80-35-SO-FL-4	LED	27	NONE	2802		80	
P12	DIRECT 400 /INDIRECT 300 LINEAR 4'	SUSPENDED	CEILING	SCULPT	SCDI-300-400-80-35-SO-FL-12	LED	81	NONE	8400		80	
Q1	RECESSED 2X4 FLAT PANEL	RECESSED	CEILING	AXIS LIGHTING	TRAYFIT-24-5000-80-35-SO	LED	40	NONE	5000		80	
R4	RECESSED LINEAR DIRECT	RECESSED	CEILING	SCULPT	SCR-300-80-35-FL-4	LED	13	NONE	1200		80	
R4	RECESSED LINEAR DIRECT	RECESSED	CEILING	SCULPT	SCR-500-80-35-FL-4	LED	23		2000		80	
R8	LINEAR DIRECT	SURFACE	CEILING	SCULPT	SCR-300-80-35-FL-4	LED	26	NONE	2400		80	
R8	RECESSED LINEAR DIRECT	RECESSED	CEILING	SCULPT	SCR-300-80-35-FL-4	LED	26		2400		80	
W1	WALL PACK	SURFACE	9' A..F.G.	VERSAL LED	WP62-E	LED	16	INTEGRAL	1500			
XC1	DECORATIVE PENDANT	PENDANT	6'-8" TO BOTTOM	CON-TECH	CRS824-30K-CRS8-TQRCD2-S + MLA114K-W	LED	8		750	DIFFUSE	80	

LIGHTING CONTROL SCENARIO SCHEDULE

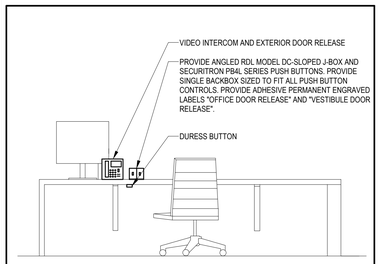
NOTES: 1. Shop drawings showing all device locations and types to be submitted with lighting submittal. 2. All lighting control devices shall be sourced from same manufacturer. See specifications for approved manufacturers. 3. For rooms with occupancy or daylight sensing, sensor locations and quantities shown should be considered approximate. Contractor is responsible for adjusting quantity and locations according to the selected manufacturer's recommendations for complete coverage of room.

LC	DESCRIPTION	APPLIES TO	OCCUPANCY SENSING	SENSOR COVERAGE	CONTROL ZONES	MANUAL DIMMING	MANUAL SWITCHING	SCENE SELECTOR	SCHEDULED ON/OFF	DAYLIGHT SENSING
LC.01	CONTROL BY LOCAL DEVICES AND SENSORS ONLY. PROVIDE TWO DIMMERS AT MAIN ENTRANCE AND ON/OFF SWITCH AT SECOND ENTRANCE WHERE APPLICABLE. PROVIDE OCCUPANCY SENSORS THAT PROVIDE ADEQUATE COVERAGE OF THE ROOM. SENSOR CONTROL SHALL BE MANUAL ON / AUTO OFF.	CLASSROOMS, LARGE MEETING ROOMS	Yes	MINOR MOTION	2	Yes	Yes	No	No	No
LC.02	CONTROL BY LOCAL DEVICES AND SENSORS ONLY. PROVIDE OCCUPANCY SENSOR AND DIMMER SWITCH. SENSOR CONTROL SHALL BE MANUAL ON / AUTO OFF.	OFFICES, BREAKROOMS	Yes	MINOR MOTION	1	Yes	Yes	No	No	No
LC.04	CONTROL BY LOCAL DEVICES AND SENSORS ONLY. PROVIDE OCCUPANCY SENSOR AND MANUAL OVERRIDE SWITCH AT ENTRANCE. SENSOR CONTROL SHALL BE MANUAL ON / AUTO OFF.	STORAGE, UTILITY, SINGLE OCCUPANT RESTROOMS	Yes	MAJOR MOTION	1	No	Yes	No	No	No
LC.05	CONTROL BY LOCAL DEVICES ONLY. PROVIDE MANUAL SWITCH AT EACH ENTRANCE. AUTOMATIC SHUTOFF NOT PROVIDED DUE TO SAFETY RISK.	ELEC, MECH ROOMS, KITCHENS	No	N/A	1	No	Yes	No	No	No
LC.07	AT THE START OF BUSINESS HOURS LIGHTS SHALL BE TURN ON AND BE CONTROLLED WITH A TIME SWITCH CAPABLE LIGHTING CONTROL SYSTEM. AT THE END OF BUSINESS HOURS LIGHTS SHALL BE CONTROLLED BY LOCAL DEVICES AND SENSORS ONLY. PROVIDE MANUAL OVERRIDE SWITCHES AT ENTRANCES, AND OCCUPANCY SENSORS THAT PROVIDE ADEQUATE COVERAGE (PROVIDED KEYED SWITCH IF OWNER PREFERS). SENSOR CONTROL SHALL BE AUTO ON / AUTO OFF.	PUBLIC AREAS, MAIN CORRIDORS, LOBBIES	Yes	MAJOR MOTION	REFER TO PLANS	Yes	Yes	Yes	Yes	Yes
LC.09	FIXTURES SHALL BE AUTOMATICALLY SWITCHED ON AT DUSK, TURNED OFF ONE HOUR AFTER SCHEDULED BUILDING CLOSING TIME, TURNED ON ONE HOUR BEFORE SCHEDULED BUILDING OPENING TIME, AND OFF AT DAWN. COORDINATE LOCATION OF PHOTOCELL WITH ARCHITECT PRIOR TO ROUGH-IN.	EXTERIOR	No	N/A	1	No	No	No	Yes	Yes

DOOR SEQUENCE OF OPERATION

1. SEE ARCHITECTURAL SPECIFICATIONS FOR ADDITIONAL HARDWARE TO BE PROVIDED BY DIVISION 28 CONTRACTOR AND ADDITIONAL SEQUENCE OF OPERATION INFORMATION. PROVIDE ADDITIONAL POWER SUPPLIES AND CIRCUITING AS REQUIRED. CLARIFY ANY QUESTIONS PRIOR TO BIDDING.
2. ALL HARDWARE ELECTRONICS, CABLING AND ACCESSORIES SHALL MATCH OWNER STANDARDS AND TIE INTO THE EXISTING SYSTEM.
3. ALL DOORS WITH POSITION SWITCHES SHALL BE MONITORED BY THE ACCESS CONTROL SYSTEM.
4. PROVIDE REQUEST-TO-EXIT SENSORS ON ALL DOORS WITH CREDENTIAL READERS.
5. PROVIDE QUICK DISCONNECT PLUG CONNECTORS ON ALL REMOVEABLE MULLIONS

UNIT NO.	PULL SIDE	PUSH SIDE	POSITION SWITCH	REQUEST TO EXIT	NOTES
101A	LATCH TO RETRACT ON CREDENTIAL INPUT. LATCH TO RETRACT ON INPUT FROM MOMENTARY BUTTON/INTERCOM. DUAL INPUT CREDENTIAL AND ACTUATOR BUTTON REQUIRED FOR ADA OPENER.	SINGLE INPUT FROM ADA BUTTON REQUIRED FOR ADA OPENER.	PROVIDED AND INSTALLED BY DIV 28	INTEGRAL TO ELECTRONIC LATCH	DOOR TO BE CAPABLE OF PROGRAMMABLE TIME-CLOCK FUNCTION.
101B	LATCH TO RETRACT ON CREDENTIAL INPUT. LATCH TO RETRACT ON INPUT FROM MOMENTARY BUTTON/INTERCOM. DUAL INPUT CREDENTIAL AND ACTUATOR BUTTON REQUIRED FOR ADA OPENER.	SINGLE INPUT FROM ADA BUTTON REQUIRED FOR ADA OPENER.	PROVIDED AND INSTALLED BY DIV 28	INTEGRAL TO ELECTRONIC LATCH	DOOR TO BE CAPABLE OF PROGRAMMABLE TIME-CLOCK FUNCTION.
102	LATCH TO RETRACT ON CREDENTIAL INPUT.	NON-ELECTRONIC OPERATION	PROVIDED AND INSTALLED BY DIV 28, EACH LEAF	INTEGRAL TO ELECTRONIC LATCH	
105A	LATCH TO RETRACT ON CREDENTIAL INPUT.	NON-ELECTRONIC OPERATION	PROVIDED AND INSTALLED BY DIV 28	INTEGRAL TO ELECTRONIC LATCH	
111	NON-ELECTRONIC LATCH RETRACTION.	LATCH TO RETRACT ON CREDENTIAL INPUT.	PROVIDED AND INSTALLED BY DIV 28	INTEGRAL TO ELECTRONIC LATCH	
122	MAGNETIC LOCK TO DISENGAGE ON CREDENTIAL INPUT.	MAGNETIC LOCK TO DISENGAGE ON CREDENTIAL INPUT.	N/A	N/A	MAG LOCK TO RELEASE ON POWER OUTAGE OR FIRE ALARM INPUT.
129A	LATCH TO RETRACT ON CREDENTIAL INPUT.	NON-ELECTRONIC OPERATION	PROVIDED AND INSTALLED BY DIV 28, EACH LEAF	INTEGRAL TO ELECTRONIC LATCH	DOOR TO BE CAPABLE OF PROGRAMMABLE TIME-CLOCK FUNCTION.
201	NON-ELECTRONIC LATCH RETRACTION.	LATCH TO RETRACT ON CREDENTIAL INPUT.	N/A	INTEGRAL TO ELECTRONIC LATCH	
215	LATCH TO RETRACT ON CREDENTIAL INPUT.	NON-ELECTRONIC LATCH RETRACTION	N/A	INTEGRAL TO ELECTRONIC LATCH	
DP	N/A	N/A	PROVIDED AND INSTALLED BY DIV 28, EACH LEAF		PATIO DOORS TO HAVE POSITION MONITORING.
G1	LATCH TO RETRACT ON CREDENTIAL INPUT. LATCH TO RETRACT ON INPUT FROM MOMENTARY BUTTON/INTERCOM.	NON-ELECTRONIC OPERATION	PROVIDED AND INSTALLED BY DIV 28, EACH LEAF	INTEGRAL TO ELECTRONIC LATCH	GATE TO BE CAPABLE OF PROGRAMMABLE TIME-CLOCK FUNCTION.
G2	LATCH TO RETRACT ON CREDENTIAL INPUT.	NON-ELECTRONIC OPERATION	PROVIDED AND INSTALLED BY DIV 28, EACH LEAF	INTEGRAL TO ELECTRONIC LATCH	
G3	LATCH TO RETRACT ON CREDENTIAL INPUT.	NON-ELECTRONIC OPERATION	PROVIDED AND INSTALLED BY DIV 28, EACH LEAF	INTEGRAL TO ELECTRONIC LATCH	



A3 **VESTIBULE CNTRLS DET.**

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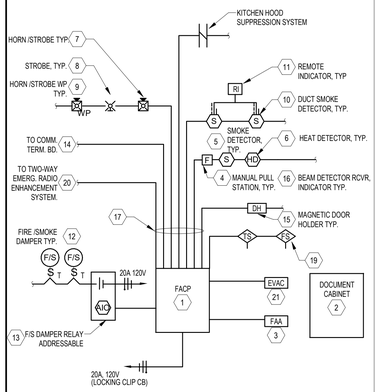
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E601

ELECTRICAL SCHEDULES AND DETAILS



D1 **FIRE ALARM RISER DIA.**

FIRE RISER KEYED NOTES

PROVIDE AND INSTALL A COMPLETE, INTELLIGENT, ADDRESSABLE FIRE ALARM SYSTEM; INCLUDING, BUT NOT LIMITED TO DEVICES, BACK BOXES, CONDUIT SYSTEM, CABLING, EQUIPMENT, ASSOCIATED DEVICES, AND INTERCONNECTIONS. PROVIDE SYSTEM PROGRAMMING, PERSONNEL TRAINING, AND COMMISSIONING. UTILIZE 14-18 GAUGE WIRE, SOLID WIRE ONLY. UNIFORM COLOR CODE FOR WIRING THROUGH OUT. RUN ALL CABLING WITHIN CONDUIT. 1/2" C MINIMUM. PLENUM RATED CABLE ON J-HOOK APPROVED IN ACCESSIBLE CEILINGS. SEE SPECIFICATION SECTION 28 31 11 FOR APPROVED MANUFACTURERS. ALL DEVICES BELOW TO BE BY SAME MANUFACTURER AS PANEL.

1. FIRE ALARM CONTROL PANEL (FACP); SURFACE MOUNTED CABINET. CABLES INCLUDE A 20A, 120V BRANCH CIRCUIT, LOCKING CLIP. FINAL LOCATION SHALL BE VERIFIED WITH THE OWNER PRIOR TO ROUGH-IN. INCLUDE 4 - 3/4" EMT. CONDUIT STUB OUTS FROM THE FACP TO THE ACCESSIBLE CEILING CAVITY FOR FUTURE CONNECTIONS. NOTE THAT THE OWNER WILL BE RESPONSIBLE TO OBTAIN CENTRAL STATION MONITORING SERVICES.
2. INSTALL LOCKABLE CABINET LABELED "SYSTEM RECORD DOCUMENTS" ADJACENT TO FACP.
3. FIRE ALARM ANNUNCIATOR AT ENTRY; LCD TYPE, SEMI-RECESSED MOUNTED. LOCATE ANNUNCIATOR AT A POSITION DETERMINED BY THE FIRE MARSHALL AND COORDINATED WITH THE ARCHITECT.
4. MANUAL PULL STATION: DOUBLE ACTION, NON-BREAK GLASS TYPE.
5. PHOTOELECTRIC SMOKE DETECTOR.
6. HEAT DETECTOR: 135 DEGREE FIXED TEMPERATURE.
7. HORN (VOICE)/STROBE VERTICAL WALL MOUNT.
8. STROBE: VERTICAL WALL MOUNT.
9. HORN/STROBE, WEATHERPROOF COVER. WITH HUMIDITY GASKET.
10. DUCT SMOKE DETECTOR/SENSOR/BAFFLE 1 SMOKE DETECTOR AT THE SUPPLY DUCT AND 1 AT THE RETURN DUCT. LOCATION AND SAMPLE TUBE LENGTH IN ACCORDANCE WITH THE NFPA INSTALLATION GUIDELINES AND UMC. SMOKE DETECTOR SHALL BE PHOTOELECTRIC TYPE. PROVIDE RELAYS AS REQUIRED TO SHUT DOWN A H.U. FAN.
11. REMOTE ALARM INDICATOR: LOCATE IN CORRIDOR CEILING DIRECTLY BELOW DUCT SMOKE DETECTOR OR AS NEAR DUCT DETECTOR LOCATION AS POSSIBLE.
12. FIRE / SMOKE DAMPER: 120V MOTORIZED ACTUATOR PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A DISCONNECT MEANS AT EACH MOTORIZED DAMPER WITH 2 #12 + #12 GRD, 1/2"C (MIN) TO A 20A, 120V BRANCH CIRCUIT VIA ADDRESSABLE FIRE SMOKE DAMPER RELAY. DAMPER SHALL REMAIN OPEN WHILE THE ASSOCIATED MECHANICAL UNIT IS IN OPERATION, AND SHALL CLOSE IN THE EVENT OF SMOKE DETECTOR, DUCT DETECTOR, HEAT DETECTOR ACTIVATION, OR POWER LOSS. INCLUDE PROGRAMMING SO THAT MECHANICAL UNIT(S) SHALL SHUT DOWN PRIOR TO DAMPER CLOSING.
13. FIRE / SMOKE DAMPER RELAY: 20A, 120V CONTACTS, COIL VOLTAGE SHALL BE COORDINATED WITH FIRE ALARM SYSTEM. COIL SHALL BE CONTROLLED VIA SIGNAL FROM FACP. REFER TO FIRE / SMOKE DAMPER NOTE.
14. 4 PAIR, CAT 5 TELEPHONE CABLE, 3/4"C TO THE TELEPHONE TERMINAL BOARD.
15. MAGNETIC DOOR HOLDER: SERIES, COORDINATE SINGLE OR DOUBLE DOOR, SEMI-RECESSED WALL MOUNTED, VERIFY SHORT CATCH OR LONG CATCH PLATE WITH EACH DOOR. DOOR HOLDERS ARE PROVIDED AND INSTALLED UNDER ARCHITECTURAL SECTIONS, AND CONNECTED BY THE ELECTRICAL CONTRACTOR. SECURE BACK BOX TO STUD, INCLUDE BRIDGING WHERE REQUIRED. COORDINATE FINAL MOUNTING HEIGHT AND EXACT LOCATION WITH ARCHITECT'S PLANS.
16. BEAM DETECTOR, RECEIVER, AND REMOTE INDICATOR PANEL. IN GYM: LOCATE IN ACCORDANCE WITH INSTALLATION INSTRUCTIONS, NFPA 72, AND ALL APPLICABLE LOCAL CODES.
17. LABEL ALL CONDUITS IN ACCORDANCE WITH THE SPECIFICATIONS. COORDINATE ROUTING OF CONDUITS BETWEEN FLOOR LEVELS AND BUILDINGS WITH ALL DISCIPLINES PRIOR TO ROUGH-IN.
18. THE SPECIAL SYSTEMS RISER DIAGRAM DOES NOT REFLECT ALL THE DEVICES REQUIRED. REFER TO THE FLOOR PLANS FOR LOCATION AND QUANTITY OF DEVICES.
19. F/A FLOW SWITCH AND TAMPER SWITCH, PROVIDE @ ALL FIRE SPRINKLER RISER VALVES AND WALL / POST INDICATOR VALVES.
20. MONITORING OF EMERGENCY TWO-WAY RADIO COMM. ENHANCEMENT SYSTEM.
21. EMERGENCY COMMUNICATIONS CONSOLE. MAY BE INTEGRAL TO CONTROL PANEL.

GENERAL NOTES:
- THE SYSTEM SHALL COMPLY WITH ALL APPLICABLE CODES, INCLUDING BUT NOT LIMITED TO THE IBC, IFC, NFPA 70, NFPA 72, AND NFPA 101.

C1 **EMERGENCY TWO-WAY COMMUNICATION RISER DIAGRAM**

EMERGENCY TWO-WAY COMMUNICATION RISER DIAGRAM KEYED NOTES

INSTALL EMERGENCY TWO-WAY COMMUNICATION SYSTEM PER CODE AND AHJ REQUIREMENTS. INSTALL PER MANUFACTURER'S SPECIFICATIONS. ALL PATHWAYS AND WIRING SHALL BE IN COMPLIANCE WITH NFPA 72 REQUIREMENTS FOR SURVIVABILITY. PROVIDE BATTERY BACKUP PER NFPA 72

1. AREA OF RESCUE COMMAND UNIT; RATH 2500-12RC OR EQUAL. COMMAND UNIT SHALL INCLUDE BUILT IN UPS. CABINET SHALL BE CONSTRUCTED OF STEEL WITH ACRYLIC WINDOW, SURFACE MOUNTED, 20.3"W X 21.03"H X 5.19"D. STROBE/SOUNDER SHALL INDICATE INCOMING CALLS. VISUALLY INDICATE THE IDENTITY OF CALLING RESCUE STATION, AND ENABLE TWO-WAY CONVERSATION. EMERGENCY PERSONNEL SHALL ALSO BE ABLE TO SELECTIVELY CALL ANY RESCUE STATION. THE CONTRACTOR SHALL COORDINATE SYSTEM REQUIREMENTS WITH THE ADA CODE AUTHORITY AND THE ARCHITECT PRIOR TO ROUGH-IN.

2. AREA OF RESCUE STATION EMERGENCY PHONE: RATH 2400-808NSP OR EQUAL. FRONT PANEL SIZE 7.5"W X 9.5"H WALL OPENING 46"W X 8"H X 3"D. FLUSH MOUNTED, STAINLESS STEEL PANEL, CAST METAL RAISED LETTERS AND BRAILLE SIGNAGE FOR ADA COMPLIANCE. INCLUDE SELF ADHESIVE AREA OF RESCUE SIGNS #ETP-SIGN FOR EACH STATION.

3. POWER SUPPLY W/ BATTERY BACKUP: PROVIDE RATH POWER SUPPLY AND BATTERY BACKUP SIZED TO BACK UP THE SYSTEM PER ALL APPLICABLE STANDARDS, INCLUDING BUT NOT LIMITED TO NFPA 72.

B1 **CORD REEL DETAIL**

A1 **TV MONITOR DETAIL**

1. CONTRACTOR RESPONSIBLE FOR ALL WORK FROM PATCH PANEL TO DATA PORT INCLUDING TESTING (SEE SECTION 271500).
2. CONTRACTOR TO PROVIDE AND INSTALL DATA RACKS AND PATCH PANELS.
3. OWNER TO PROVIDE AND INSTALL NETWORKING EQUIPMENT, PATCH CABLES, AND UPS.

A2 **TYPICAL CABLE DETAIL**

ELECTRICAL SYMBOLS LEGEND

LIGHTING

- RECTANGULAR FIXTURE, CEILING MOUNTED (DIMENSIONS AS SHOWN)
- ROUND FIXTURE, CEILING MOUNTED (DIMENSIONS AS SHOWN)
- TRACK LIGHTING (LENGTH AS SHOWN, HEADS NOT TO SCALE)
- POLE MOUNTED FIXTURE (HEADS NOT TO SCALE)
- ARM SYMBOL ADDITION INDICATES WALL MOUNTING
- DOT SYMBOL ADDITION INDICATES PENDANT MOUNTING
- HALF FILLED SYMBOL INDICATES EMERGENCY VERSION
- EXIT SIGNS (FILL INDICATES NUMBER OF FACES)

NOTES:
1. LOWER CASE LETTERS AFTER A COMMA IN THE FIXTURE DESIGNATION INDICATE SWITCHING. FOR EXAMPLE, "A3, b" INDICATES A A3 FIXTURE CONTROLLED BY SWITCH b.
2. A FIXTURE DESIGNATION ENDING IN "E" INDICATES AN EMERGENCY FIXTURE, EVEN WHERE THE FIXTURE SYMBOL MAY BE TOO SMALL TO SHOW A HALF-FILL CLEARLY.
3. DIMENSIONS AND MOUNTING HEIGHTS IN THE LIGHTING FIXTURE SCHEDULE SUPERCEDE INFORMATION IMPLIED BY THESE SYMBOLS. SYMBOLS ARE FOR GENERAL REFERENCE ONLY.

SWITCHING

- LOW VOLTAGE SWITCH, SEE SPECS AND LIGHTING CONTROL SCHEDULE
- 20A, 1 POLE TOGGLE SWITCH
- 20A, 3-WAY TOGGLE SWITCH
- 20A, 4-WAY TOGGLE SWITCH
- 20A, 1 POLE KEY OPERATED SWITCH
- 20A, NETWORKED SWITCH
- DIMMER SWITCH
- PUSHBUTTON SWITCH
- TIME CLOCK SWITCH
- PHOTOSENSOR
- ROOM CONTROLLER (ABOVE CEILING)
- CEILING OCCUPANCY SENSOR (ARROWS INDICATE VIEW)
- WALL OCCUPANCY SENSOR (ARROWS INDICATE VIEW)

POWER OUTLETS

- SIMPLEX TYPE RECEPTACLE
- 20A, 120V, DUPLEX RECEPTACLE
- 20A, 120V, FOURPLEX RECEPTACLE
- 2P-4W RECEPTACLE (SEE PANEL SCHEDULE FOR DETAILS)
- CENTER FILL INDICATES GROUND FAULT PROTECTION (AT RECEPT. OR BREAKER, AS REQUIRED FOR ACCESSIBILITY)
- WEATHERPROOF IN USE COVER GROUND FAULT PROTECTED (AT RECEPT OR BREAKER, AS REQUIRED FOR ACCESSIBILITY)
- SUBSCRIPT INDICATES "ABOVE COUNTER" OR TOP OF BOX HEIGHT
- SUBSCRIPT INDICATES "USB-A AND USB-C" RECEPTACLE
- SPECIAL RECEPTACLE
- SIDE FILL INDICATES SPLIT WIRING
- ARC INDICATES OCCUPANCY CONTROL ON PART OR ALL OF RECEPTACLE
- LARGE CIRCLE INDICATES CEILING MOUNT
- LARGE BOX INDICATES FLOOR MOUNT

POWER DISTRIBUTION

- DISCONNECT SWITCH
- METER
- RELAY
- THERMOSTAT OUTLET BOX: SINGLE GANG BACK BOX, PLASTER RING (UNLESS OTHERWISE NOTED) 1/2" CONDUIT AND PULL CORD TO MECH UNIT.
- JUNCTION BOX, CEILING, WALL AND FLOOR MOUNTED, RESPECTIVELY
- BRANCH CIRCUIT PANEL BOARD, SEE SCHEDULE FOR MOUNTING
- PAD MOUNT TRANSFORMER
- WALL MOUNT TRANSFORMER
- SURGE PROTECTION DEVICE
- GROUND
- CONDUIT STUB-OUT

COMMUNICATIONS

- DATA OUTLET
- ANALOG PHONE OUTLET
- COMBINATION DATA & ANALOG PHONE OUTLET
- SUBSCRIPT INDICATES ABOVE COUNTER MOUNTING OR TOP OF BOX HEIGHT
- SUBSCRIPT INDICATES QUANTITY OF PORTS (IF MORE THAN 1)
- SUBSCRIPT INDICATES SPECIFIC CABLE (H=HDMI, V=VGA)
- CIRCLE INDICATES FLUSH MOUNTING IN CEILING
- BOX INDICATES FLUSH MOUNTING IN FLOOR
- WIRELESS ACCESS POINT
- MICROPHONE: CEILING, WALL AND FLOOR MOUNTED RESPECTIVELY
- SPEAKER: CEILING, WALL AND FLOOR MOUNTED RESPECTIVELY
- INTERCOM CONTROL SWITCH
- SECURITY SYSTEM INFRARED MOTION SENSOR
- SECURITY SYSTEM CAMERA (# INDICATES DEGREES OF HORIZONTAL COVERAGE, H INDICATES HEMISPHERIC)
- EMERGENCY TWO-WAY COMMUNICATIONS CONTROL CONSOLE
- EMERGENCY TWO-WAY COMMUNICATIONS CALL STATION

FIRE ALARM

- FACU — FIRE ALARM (FA) CONTROL UNIT
- EVAC — VOICE EVACUATION CONTROL UNIT
- FAA — FA ANNUNCIATOR
- FPCP — FIRE PUMP CONTROL PANEL
- JPCP — JOCKEY PUMP CONTROL PANEL
- EMERG — EMERGENCY RESPONDER COMM. ENHANCEMENT SYSTEM
- FA ADA HORN/STROBE
- FA SPEAKER/STROBE
- FA ADA STROBE
- FA CEILING MOUNTED FA STROBE
- FA FIRE ALARM PULL STATION
- FS — FA FIRE/SMOKE DAMPER
- RI — FA REMOTE INDICATOR
- MP — FA FLOW DETECTOR/SWITCH
- TS — FA TAMPER SWITCH
- S — DUCT DETECTOR (S=SMOKE, CO=CARBON MONOXIDE)
- S — DETECTOR (S=SMOKE, H=HEAT)
- CO — CARBON MONOXIDE DETECTOR/ALARM
- AM — ADDRESSIBLE MONITOR MODULE

DOOR CONTROLS

- RD — REMOTE INTERFACE
- AO — AUTOMATIC DOOR OPENER BUTTON (A.D.A. OPENER)
- BG — "BUZZ-IN" MOMENTARY BUTTON
- DH — MAGNETIC DOOR HOLDER
- DP — DOOR POSITION SWITCH
- EL — ELECTRIC LOCK
- ES — ELECTRIC STRIKE
- IC — INTERCOM SYSTEM WITH "BUZZ-IN" RELEASE
- KR — KEY CARD/FOB READER
- KP — KEYPAD
- ML — MAGNETIC LOCK
- PB — PANIC BUTTON DURESS SYSTEM
- PS — POWER SUPPLY
- RX — REQUEST-TO-EXIT
- AC# — ACCESS CONTROL SCENARIO (SEE DOOR SEQUENCE OF OPERATION)

MOUNTING

KEY	MOUNTING HEIGHTS
A	90" TO TOP AND NOT LESS THAN 6" BELOW FINISHED CEILING WHERE REQUIRED
B	80" TO BOTTOM AND NOT GREATER THAN 96" U.U.B.O.I.UM.
C	6'-0"
D	48" TO TOP AFF
E	20" TO TOP AFF
F	3"
G	6"AC
H	5'-0" TO HANDLE
J	6'-6"MAX (OR PER PLAN NOTES)

NOTES:
1. VERIFY ALL MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
2. DIMENSIONS ARE TO TOP OF DEVICE WITH TRIM. ADJUST BACK BOX LOCATION AS REQUIRED.
3. ALL MOUNTING HEIGHTS SHALL CONFORM TO THE LATEST EDITION OF THE AMERICANS WITH DISABILITIES ACT. (ADA)

ABBREVIATIONS

AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ARCH	ARCHITECTURAL
BC	BELOW COUNTER
C	CONDUIT
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRICAL
EMT	ELECTRICAL METALLIC TUBING
GC	GENERAL CONTRACTOR
GEC	GROUND ELECTRODE CONDUCTOR
GRC	GALVANIZED RIGID CONDUIT
GRD	GROUND
GFI	GROUND FAULT INTERRUPTER
IG	ISOLATED GROUND
IMC	INTERMEDIATE METALLIC CONDUIT
LA	LIGHTNING ARRESTOR
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OHE	OVERHEAD ELECTRICAL FEEDER
OHP	OVERHEAD PRIMARY FEEDER
OHS	OVERHEAD SECONDARY FEEDER
PVC	POLYVINYL CHLORIDE
PLMBG	PLUMBING
PNL	PANEL
STO	SAFE TORQUE OFF
SPD	SURGE PROTECTIVE DEVICE
UG	UNDERGROUND
UGE	UNDERGROUND ELECTRICAL FEEDER
UGP	UNDERGROUND PRIMARY FEEDER
UPS	UNINTERRUPTABLE POWER SUPPLY
WP	WEATHERPROOF
XFMR	TRANSFORMER

LINETYPES

- SOLID BLACK INDICATES NEW DEVICE
- GRAY INDICATES EXISTING DEVICE TO REMAIN
- DASHED INDICATES EXISTING DEVICE TO BE DEMOLISHED
- DASHED WITH "R" INDICATES EXISTING DEVICE TO BE RELOCATED

SITE PLAN

- UGP — UNDERGROUND ELECTRICAL PRIMARY FEEDER
- UGE — UNDERGROUND ELECTRICAL FEEDER
- UGC — UNDERGROUND COMMUNICATIONS
- OHE — OVERHEAD ELECTRICAL FEEDER
- OHP — OVERHEAD ELECTRICAL PRIMARY FEEDER
- TV — UNDERGROUND TELEVISION CABLE
- T — UNDERGROUND TELEPHONE CABLE

GENERAL NOTES

- 26.## — KEYED NOTE
- M ## — MECHANICAL EQUIPMENT IDENTIFICATION
- K ## — KITCHEN EQUIPMENT IDENTIFICATION (SUBSCRIPT IS CIRCUIT IDENTIFICATION)
- LC # — LIGHTING CONTROL SCENARIO IDENTIFICATION
- AC # — ACCESS CONTROL SCENARIO IDENTIFICATION

SPECIAL SYSTEMS RESPONSIBILITIES MATRIX

	General Contractor	Electrical Contractor	TI/Cabling Sub.	Security Subcontractor	Owner-SUSS	N/A	General Contractor	Electrical Contractor	TI/Cabling Sub.	Security Subcontractor	Owner-SUSS	N/A	Notes
VOICE/DATA REQUIREMENTS	**SUPPLIED BY:**						**INSTALLED BY:**						
Utility to demark pathway and pullstrings		■						■					
Utility to demark cabling (fiber, twisted pair)	■						■						24ct
Backboards	■						■						
Comm. racks, frames, patch pnls and enclsrs		■						■					
Comm. punchdown blocks			■						■				
Comm. network switches				■						■			
Comm. vertical pathways and pullstrings			■						■				
Comm. vertical cabling (fiber, twisted pair)		■						■					
Patch cables (fiber, network)		■						■					
Voice/data horizontal pathways and pullstrings		■						■					
Voice/data horizontal cabling			■						■				
Voice/data terminations & testing			■						■				
UPSs					■						■		
Power and receptacles		■						■					
Wireless access points					■						■		
SECURITY REQUIREMENTS	**SUPPLIED BY:**						**INSTALLED BY:**						
Door hardwired locks	■						■						
Door hardware (hinges, etc)	■						■						
Access ctrl pathways and pullstrings		■						■					
Access control cabling		■						■					
Access control terminations & testing			■						■				
Access control card readers and devices			■						■				
CCTV pathways and pullstrings		■						■					
CCTV cabling		■						■					
CCTV terminations & testing			■						■				
CCTV cameras				■						■			
CCTV network video recorders				■						■			
Duress system hardware and controls				■						■			
Duress system door hold open devices				■						■			
Duress system pathways and pullstrings				■						■			
Duress system cabling				■						■			
Duress system terminations & testing				■						■			
Security network switches					■						■		
Security low voltage power supplies				■						■			
Power and receptacles		■						■					
INTERCOM/PA REQUIREMENTS	**SUPPLIED BY:**						**INSTALLED BY:**						
Intercom/PA VOIP to analog translators			■						■				
Intercom/PA analog amplifiers			■						■				
Intercom/PA speakers			■						■				
Intercom/PA pathways and pullstrings			■						■				
Intercom/PA cabling				■						■			
Intercom/PA terminations & testing				■						■			
AV REQUIREMENTS	**SUPPLIED BY:**						**INSTALLED BY:**						
In-wall blocking support for A/V mounts	■						■						
Motorized projector screens	■						■						
TV boxes		■						■					
Wall and ceiling speaker cutouts	■						■						
Furniture cutouts for AV equipment	■						■						
AV device ceiling mounts						■						■	
AV pathways and pullstrings						■						■	
AV cabling						■						■	
AV terminations						■						■	
Power and receptacles						■						■	

NOTES:

DIV 26 DOOR GENERAL NOTES

1. ELECTRICAL CONTRACTOR RESPONSIBLE FOR ALL PATHWAYS AND EQUIPMENT LABELED IN DETAIL. EACH DOOR SHALL HAVE PATHWAYS FOR POWERED HINGE AND POWERED STRIKE. COORDINATE WITH GENERAL CONTRACTOR AND DIVISION 28 CONTRACTOR PRIOR TO ROUGH-IN.
2. ELECTRICAL CONTRACTOR RESPONSIBLE FOR CIRCUITING ALL DIVISION 08 POWER SUPPLIES.
3. CONTROLS J-BOX, POWER SUPPLIES, AND ADA OPERATOR POWER SUPPLIES TO BE ON SECURE SIDE OF DOOR.

DIV 28 DOOR GENERAL NOTES

1. ACCESS CONTROL SYSTEM TO BE DNAFUSION WITH HID READERS AND MERCURY/OPEN OPTIONS CONTROLLERS. CONTRACTOR SHALL BE CERTIFIED TO INSTALL AND MAINTAIN BOTH SYSTEMS PER SPECIFICATIONS.
2. SPECIAL SYSTEMS CONTRACTOR RESPONSIBLE FOR ALL POWER SUPPLIES, 12/24V WIRING, POE WIRING, DEVICES, PROGRAMMING, AND SOFTWARE TO COMPLETE THE ACCESS CONTROL SYSTEM. COORDINATE WITH DIVISION 08 SPECIFICATIONS PRIOR TO BIDDING.
3. PATHWAY DIAGRAMS BELOW ARE TO PROVIDE GENERAL PATHWAYS FOR ACCESS CONTROL. IF SPECIAL SYSTEMS CONTRACTOR'S REQUIREMENTS DIFFER FROM DIAGRAMS BELOW, SPECIAL SYSTEMS CONTRACTOR IS RESPONSIBLE TO COORDINATE PATHWAY AND CIRCUITING REQUIREMENTS WITH GENERAL CONTRACTOR PRIOR TO BIDDING.

SINGLE LEAF DIAGRAM

DOUBLE LEAF DIAGRAM

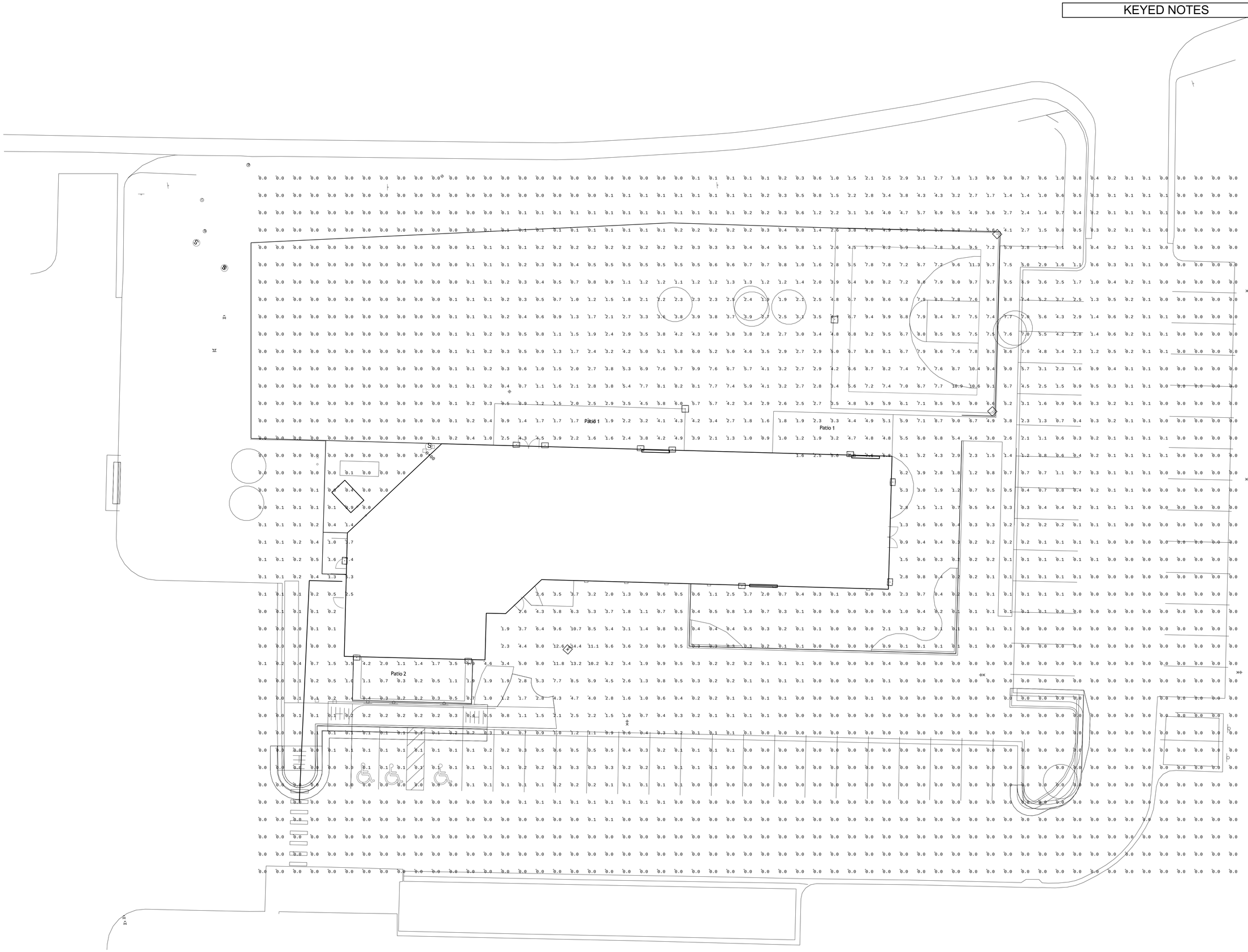
ADA PATHWAY DIAGRAM

A3 **TYPICAL DOOR PATHWAY DETAIL**

GENERAL ELECTRICAL NOTES

1. PRODUCT SUBSTITUTIONS: REFER TO DIVISION 1 SPECIFICATIONS FOR SUBSTITUTION REQUEST DEADLINE AND REQUIREMENTS. ALL PROPOSED SUBSTITUTIONS MUST BE SUBMITTED FOR APPROVAL PRIOR TO BIDDING. REFER TO THE APPROPRIATE DIVISION 26 SPECIFICATION SECTION FOR DETAILED REQUIREMENTS FOR EACH TYPE OF PRODUCT. PRODUCT SUBSTITUTION REQUESTS PRIOR TO BIDDING WILL BE AN APPROVAL OF ALTERNATE MANUFACTURERS ONLY. MANUFACTURER SUBSTITUTION REVIEWS WILL BE ISSUED IN ADDENDA TO ALL BIDDERS, NO LATER THAN FINAL ADDENDUM BEFORE BID DUE DATE.
2. DIVISION 26 SCOPE: ALL LINE VOLTAGE WIRING AND CONDUIT SYSTEMS REQUIRED BY ANY DIVISION SHALL BE THE RESPONSIBILITY OF THE DIVISION 26 CONTRACTOR. EVERY ATTEMPT WILL BE MADE TO REFLECT THESE REQUIREMENTS ON THE ELECTRICAL SHEETS, BUT IT IS THE DIVISION 26 CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COMPLETE DRAWING SET. FAMILIARIZE THEMSELVES WITH THE COMPLETE PROJECT SCOPE, AND COORDINATE WITH OTHER DIVISIONS.
3. EXISTING CONDITIONS: THE CONTRACTOR SHALL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS, VISIT THE SITE OF THE WORK, FULLY INFORM THEMSELVES AS TO ALL EXISTING CONDITIONS AND LIMITATIONS BEFORE STARTING WORK. IF DISCREPANCIES ARE FOUND BETWEEN EXISTING CONDITIONS AND CONTRACT DOCUMENTS, CONTRACTOR SHALL NOTIFY ENGINEER FOR DIRECTION BEFORE PROCEEDING.
4. SURFACE REPAIR: COORDINATE WITH GENERAL CONTRACTOR FOR REPAIR OF ADJACENT CONSTRUCTION AND FINISHES DAMAGED OR EXPOSED DURING DEMOLITION WORK. REPAIRS SHALL MATCH EXISTING FINISHES, AND INCLUDE PAINT ON ENTIRE WALL WHERE REQUIRED TO MATCH COLOR.
5. CODES: PERFORM ALL ELECTRICAL WORK IN A NEAT AND WORKMANLIKE MANNER IN FULL COMPLIANCE WITH ALL APPLICABLE, ADOPTED CODES; INCLUDING, BUT NOT LIMITED TO: THE NATIONAL ELECTRICAL CODE (NEC), UBC, IBC, NFPA, AND ADA. IF ANY IF DISCREPANCIES ARE FOUND BETWEEN CONTRACT DOCUMENTS AND ANY ASSOCIATED LEGAL OR SAFETY REQUIREMENTS, CONTRACTOR SHALL SUBMIT RFI TO ENGINEER FOR DIRECTION BEFORE PROCEEDING.
6. UTILITY COORDINATION: WHEN INSTALLING OR MODIFYING SERVICE OR METERING EQUIPMENT, COORDINATE WITH UTILITY COMPANY TO ENSURE THAT THEIR STANDARDS ARE BEING MET. IF ANY DISCREPANCY IS FOUND BETWEEN UTILITY STANDARDS AND CONTRACT DOCUMENTS, SUBMIT RFI TO ENGINEER FOR DIRECTION.
7. STRUCTURAL PENETRATIONS: OBTAIN PERMISSION FROM STRUCTURAL ENGINEER BEFORE DRILLING OR CUTTING STRUCTURAL MEMBERS.
8. EXACT LOCATIONS: WHERE DEVICES ARE SHOWN IN CASEWORK, COORDINATE EXACT LOCATIONS WITH ARCHITECTURAL CASEWORK DETAILS PRIOR TO ROUGH-IN. VERIFY FINAL LOCATIONS OF ALL SINKS WITH THE PLUMBING CONTRACTOR PRIOR TO ROUGH-IN OF NEARBY ELECTRICAL DEVICES. COORDINATE THE EXACT LOCATION OF EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS WITH OTHER TRADES PRIOR TO ROUGH IN. THE OWNER RESERVES THE RIGHT TO RELOCATE ANY ELECTRICAL DEVICE UP TO A DISTANCE OF 12', PRIOR TO INSTALLATION, WITHOUT ADDITIONAL CHARGE.
9. CONDUCTORS: ALL CONDUCTORS SHALL BE COPPER UNLESS NOTED OTHERWISE.
10. GROUNDING CONDUCTORS: INSTALL WIRE-TYPE EQUIPMENT GROUNDING CONDUCTORS WITH ALL FEEDERS AND BRANCH CIRCUITS. CONDUIT OR CABLE SHEATH IS NOT ALLOWED TO BE USED AS AN EQUIPMENT GROUNDING CONDUCTOR. UNLESS EXPLICITLY CALLED FOR OR ALLOWED IN

KEYED NOTES



SITE PHOTOMETRIC

1" = 10'-0"

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2026-08-28

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