

9/21/2023 3:43:06 PM

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CONSULTANTS

SANTA FE COUNTY ABEDON LOPEZ SENIOR CENTER

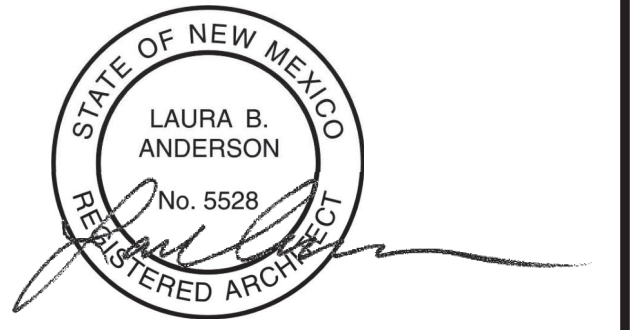
155A CAMINO DE QUINTANA, SANTA CRUZ, NM 87567

SEPTEMBER 20, 2023

100% CONSTRUCTION DOCUMENTS



Architect Engineer



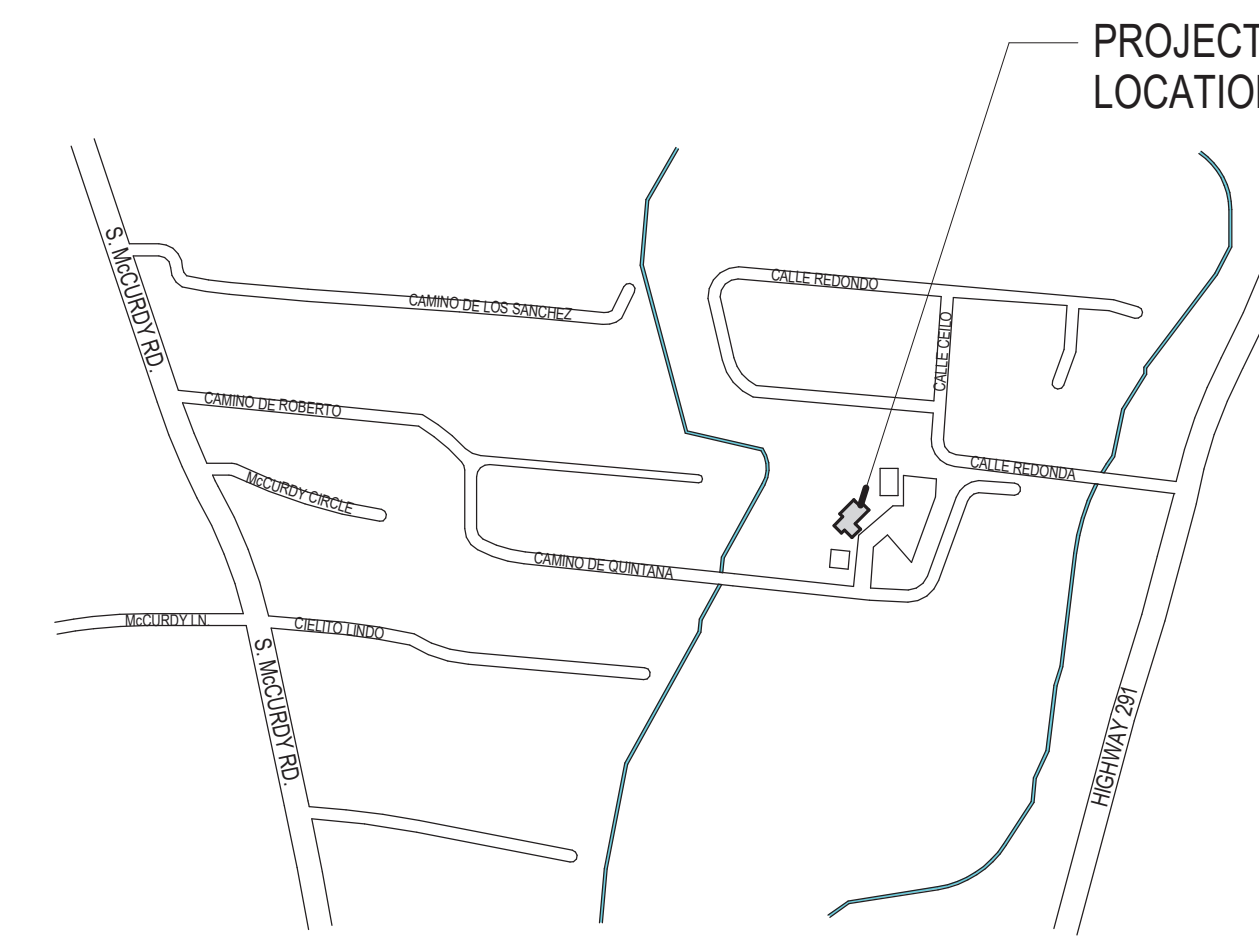
2023.09.21 16:08:30-06/07

SANTA FE COUNTY -
ABEDON LOPEZ SENIOR
CENTER

155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

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VICINITY MAP/LOCATION MAP
NTS

PROJECT DIRECTORY

| | | | | | | | |
|---|---|---|---|--|--|--|---|
| OWNER/CLIENT SANTA FE COUNTY 424 NEW MEXICO HIGHWAY 599 SANTA FE, NM 87507 PHONE: (505) 826-3037 CONTACT: PJ MONTANO EMAIL: pmontano@santafecountynm.gov | ARCHITECT STUDIO SOUTHWEST ARCHITECTS, INC. 2101 MOUNTAIN ROAD NW SUITE B ALBUQUERQUE, NM 87104 PHONE: (505) 843-9639 CONTACT: PARKER SPRAGUE EMAIL: PSPRAGUE@STUDIOSWARCH.COM | CIVIL ISAACSON & ARFMAN 128 MONROE ST NE ALBUQUERQUE, NM 87108 PHONE: (505) 324-9594 CONTACT: GENNY DONART EMAIL: GENNYD@IACIVIL.COM | STRUCTURAL ENGINEER LUCINI TRULLO STRUCTURAL ENGINEERS 4110 WOLCOTT AVE STE C ALBUQUERQUE, NM 87109 PHONE: (505) 424-5232 CONTACT: TONY LUCHINI EMAIL: TONYL@TSENG.COM | MECHANICAL ENGINEER TIPTON ENGINEERING 2409 RODEO PARK DRIVE EAST BUILDING 200 SANTA FE, NM 87507 PHONE: (505) 954-1950 CONTACT: KARL TIPTON EMAIL: KARLT@TIPTONENGINEERING.COM | PLUMBING ENGINEER TIPTON ENGINEERING 2409 RODEO PARK DRIVE EAST BUILDING 200 SANTA FE, NM 87507 PHONE: (505) 954-1950 CONTACT: KARL TIPTON EMAIL: KARLT@TIPTONENGINEERING.COM | ELECTRICAL ENGINEER TIPTON ENGINEERING 2409 RODEO PARK DRIVE EAST BUILDING 200 SANTA FE, NM 87507 PHONE: (505) 954-1950 CONTACT: KARL TIPTON EMAIL: KARLT@TIPTONENGINEERING.COM | FOOD FACILITIES CONSULTANT ARDONIA RESTAURANT SUPPLY, INC. 2639 E. CHAMBERS ST PHOENIX, AZ 85040 PHONE: (602) 777-6242 CONTACT: GEORGE BECKER EMAIL: george@ardoniafoods.com |
|---|---|---|---|--|--|--|---|

| No | Date | Description |
|----|------|-------------|
|----|------|-------------|

Revision Schedule

ISSUE: 100% CONSTRUCTION DOCUMENTS

PROJECT NUMBER: 2303

FILE: SFC Abedon Lopez Senior Center

DRAWN BY: PS

CHECKED BY: LA

DATE: SEPT. 20, 2023

SHEET TITLE

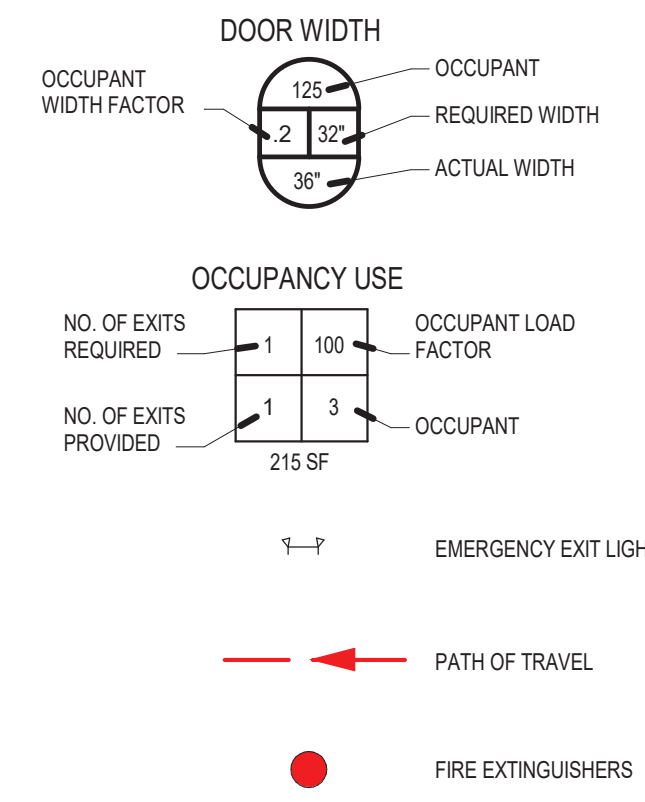
COVER SHEET, PROJECT DIRECTORY

G-001

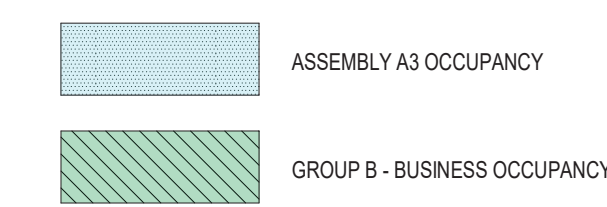
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CODE SYMBOLS LEGEND



LEGEND



GENERAL NOTES

- A. COORDINATE FINAL LOCATION OF FIRE EXTINGUISHERS WITH FIRE MARSHAL.
- B. PENETRATION FIRE STOPPING TO BE USED AT ALL PENETRATIONS IN FIRE RATED WALLS.
- C. ALL WOOD BUILDING MATERIALS MUST BE FIRE RETARDANT TREATED WOOD.
- D. FIRE ALARM SYSTEM PLANS SHALL BE SUBMITTED TO THE FIRE MARSHALS OFFICE FOR APPROVAL PRIOR TO INSTALLATION OR ALTERATION.
- E. FIRE SPRINKLER PLANS SHALL BE SUBMITTED TO THE FIRE MARSHALS OFFICE FOR APPROVAL PRIOR TO INSTALLATION OR ALTERATION.
- F. THE FIRE SPRINKLER SYSTEM WILL BE SUPERVISED WHEN REQUIRED BY THE INTERNATIONAL FIRE CODE.
- G. DUCT SMOKE DETECTION TO COMPLY WITH INTERNATIONAL FIRE CODE.

KEYED NOTES

- 1. 2A108C FIRE EXTINGUISHER IN FIRE PROTECTION RECESSED CABINET. COORDINATE FIRE EXTINGUISHER LOCATIONS WITH FIRE MARSHAL.
- 2. KITCHEN HOOD WITH AUTOMATIC SPRINKLER SYSTEM AS REQUIRED BY IBC SECTION 903.2.11.5 AND SECTION 904.
- 3. CLASS-7C FIRE EXTINGUISHER IN FIRE PROTECTION RECESSED CABINET. COORDINATE FIRE EXTINGUISHER LOCATIONS WITH FIRE MARSHAL.
- 4. OWNER PROVIDED DRY KILN. VERIFY PRODUCT COMPLYS WITH IBC SECTION 417 - DRYING ROOM. KILN IS TO BE CONSTRUCTED ENTIRELY OF APPROVED NONCOMBUSTIBLE MATERIALS WHERE OPERATING TEMPERATURE IS 175 DEGREES OR MORE.

BUILDING CODE DATA

- 2021 INTERNATIONAL BUILDING CODE (IBC 2021)
- 2021 INTERNATIONAL FIRE CODE (IFC 2021)
- 2018 NEW MEXICO ENERGY CONSERVATION CODE
- 2020 NEW MEXICO ELECTRICAL CODE
- 2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC 2021)
- 2021 NEW MEXICO PLUMBING CODE
- 2021 NEW MEXICO MECHANICAL CODE
- 2012 NEW MEXICO ELECTRICAL SAFETY CODE
- 2012 NEW MEXICO SOLAR ENERGY CODE
- 2017 ICC / ANSI A117.1-2017

CODE ANALYSIS

CONSTRUCTION TYPES SECTION 602
 CONSTRUCTION TYPE V-B, NOT SEPARATED MIXED OCCUPANCY - NON-SPRINKLERED

OCCUPANCY IBC CHAPTER 3
 ASSEMBLY - GROUP A-3 (COMMUNITY HALL) SECTION 303
 BUSINESS - GROUP B SECTION 304

ALLOWABLE HEIGHT SECTION 504, TABLE 504.3
 MAXIMUM HEIGHT ALLOWED: 40 ft.
 ACTUAL BUILDING HEIGHT: 20 ft.

ALLOWABLE AREAS SECTION 504, TABLE 504.2
 ALLOWABLE AREA: 6,000 sf
 ACTUAL AREA: 5,000 sf

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS TABLE 601

| BUILDING ELEMENT | TYPE V |
|--|--------|
| PRIMARY STRUCTURAL FRAME (SEE SECTION 202) | 0 |
| BEARING WALLS | 0 |
| EXTERIOR | 0 |
| INTERIOR | 0 |
| NONBEARING WALLS AND PARTITIONS EXTERIOR | 0 |
| NONBEARING WALLS AND PARTITIONS INTERIOR | 0 |
| FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY STRUCTURAL MEMBERS (SEE SECTION 202) | 0 |
| ROOF CONSTRUCTION AND ASSOCIATED SECONDARY STRUCTURAL MEMBERS (SEE SECTION 202) | 0 |

EXTERIOR WALL FIRE RESISTANCE RATING
 NOT REQUIRED IF FIRE SEPARATION DISTANCE > 30'

MAXIMUM EXTERIOR WALL OPENING SECTION 705.6
 NO LIMIT, FOR DISTANCE IS GREATER THAN 30'

OCCUPANT LOAD FACTORS FOR EGRESS SECTION 1004, TABLE 1004.1.2

- ASSEMBLY GROUP A-3:
 ASSEMBLY UNCONCENTRATED: 65 OCCUPANTS
 ACCESSORY STORAGE: 1 OCCUPANT
- OCCUPANCY GROUP B:
 BUSINESS AREA: 20 OCCUPANTS
 MECHANICAL ROOM: 1 OCCUPANT
 ACCESSORY STORAGE: 1 OCCUPANT
 ASSEMBLY UNCONCENTRATED: 45 OCCUPANTS
 KITCHEN, COMMERCIAL: 3 OCCUPANTS

TOTAL OCCUPANTS: 137 OCCUPANTS

OCCUPANCY SIGNAGE - POSTING OF OCCUPANT LOAD SECTION 1004.8
 EVERY ROOM OR SPACE THAT IS AN ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT OR ACCESS DOORWAY FROM THE ROOM OR SPACE, FOR THE INTENDED CONFIGURATIONS. POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER OR THE OWNER'S AUTHORIZED AGENT.

NUMBER OF EXITS REQUIRED SECTION 1006, TABLE 1006.2.1

ASSEMBLY - OCCUPANT LOAD GREATER THAN 49 REQUIRES 2 EXITS
 DINING OCCUPANTS: 45 - EXITS PROVIDED = 4
 ACTIVITY OCCUPANTS: 65 - EXITS PROVIDED = 3

TRAVEL DISTANCE SECTION 1017, TABLE 1006.2.1
 ASSEMBLY - MAX TRAVEL DISTANCE IS 75 ft. WITH AN OCCUPANT LOAD GREATER THAN 49.
 ACTIVITY TRAVEL DISTANCE: 67 ft.

PLUMBING FIXTURES

OCCUPANT LOAD FOR PLUMBING SECTION 2902, TABLE 2902.1

- BUSINESS OCCUPANCY: 71 TOTAL OCCUPANTS
- WATER CLOSETS: 1 PER 25 FOR THE FIRST 50, 1 PER 50 FOR THE REMAINDER EXCEEDING 50.
- LAVATORIES: 1 PER 40 FOR THE FIRST 60, 1 PER 80 FOR THE REMAINDER EXCEEDING 60.
- DRINKING FOUNTAINS: 1 PER 100
- ASSEMBLY OCCUPANCY: 66 TOTAL OCCUPANTS - (33 FEMALE, 33 MALE)
- WATER CLOSETS: MALE: 1 PER 75, FEMALE: 1 PER 75
- LAVATORIES: MALE AND FEMALE: 1 PER 200
- DRINKING FOUNTAINS: 1 PER 500

ISSUE: 100% CONSTRUCTION DOCUMENTS

PROJECT NUMBER: 2303

FILE: SFC Abdon Lopez Senior Center

DRAWN BY: PS

CHECKED BY: LA

DATE: SEPT. 20, 2023

SHEET TITLE

CODE ANALYSIS, EGRESS PLAN

PLAN NORTH True North

| SPACE | LOAD | RATIO | MALE | FEMALE | RATIO | MALE | RATIO | FEMALE | RATIO | COUNT | SERVICE SINK |
|-----------------|------|---------------------------|--------------|---------------------------|-------|---------------------------|-------|---------------------------|-------|-----------|--------------|
| Assembly | 66 | 1 per 75 | 0.440 | 1 per 75 | 0.440 | 1 per 200 | 0.165 | 1 per 200 | 0.165 | 1 per 132 | |
| Business | 71 | 1 per 25 for the first 50 | 1.420 | 1 per 25 for the first 50 | 1.420 | 1 per 40 for the first 60 | 0.833 | 1 per 80 for the first 60 | 0.833 | 1 per 100 | 0.71 |
| Subtotals | | | 1.860 | 1.860 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 0.842 | |
| Required totals | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Provided totals | | | 2 = 1 urinal | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 |

A. The code requires only one service sink per building if all occupancies have access to the service sink at all times.



2101 Mountain Road NW Suite B | Albuquerque NM 87104
 505-843-9639 | www.studioswarch.com

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CONSULTANTS

Architect: _____
 Engineer: _____



2023.09.21 16:08:30-0607

SANTA FE COUNTY -
 ABEDON LOPEZ SENIOR
 CENTER

155A CAMINO DE QUINTANA
 SANTA CRUZ, NM 87567

| No | Date | Description |
|-------------------|------|-------------|
| Revision Schedule | | |

ISSUE: 100% CONSTRUCTION DOCUMENTS

PROJECT NUMBER: 2303

FILE: SFC Abdon Lopez Senior Center

DRAWN BY: PS

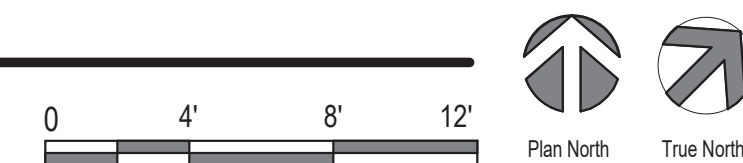
CHECKED BY: LA

DATE: SEPT. 20, 2023

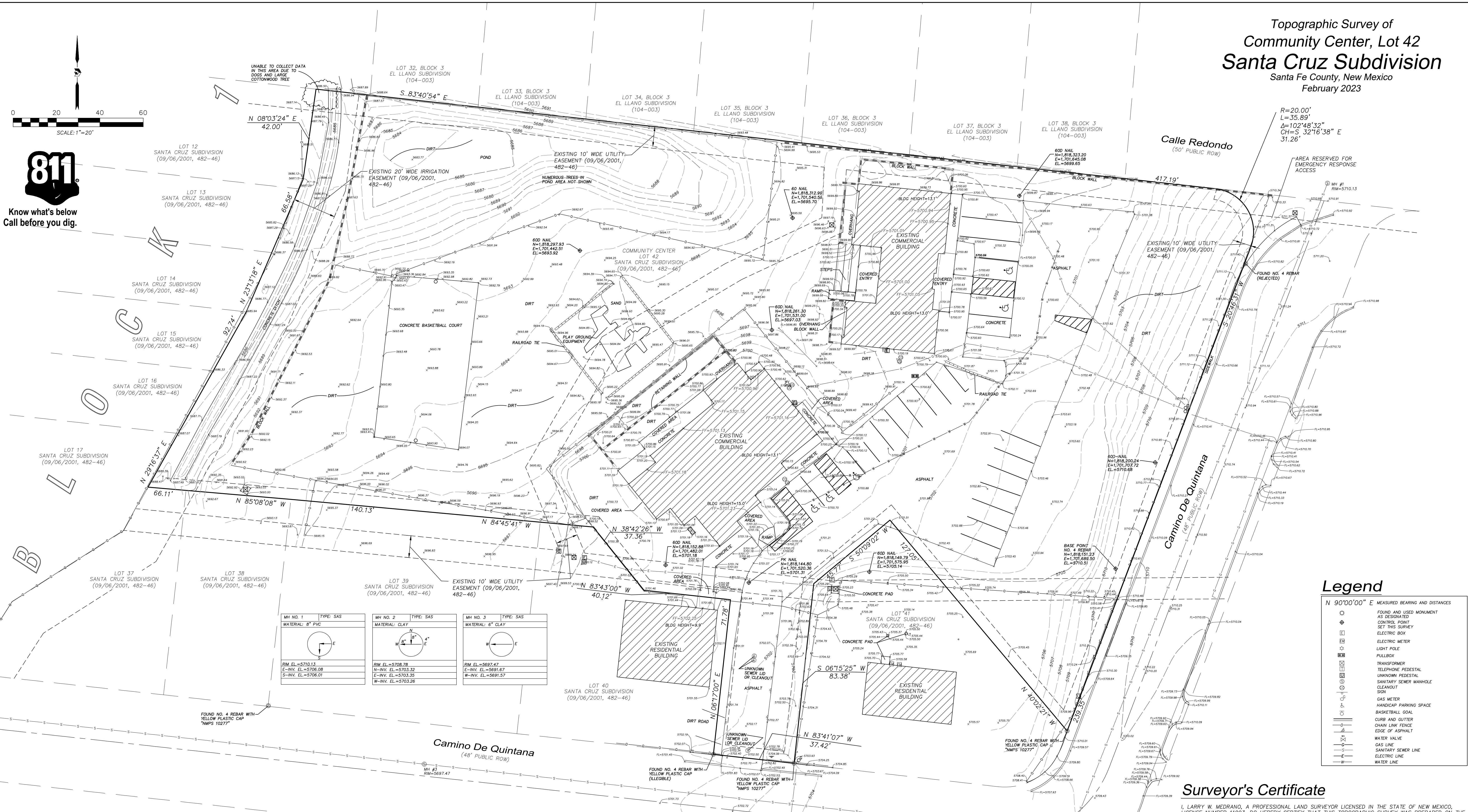
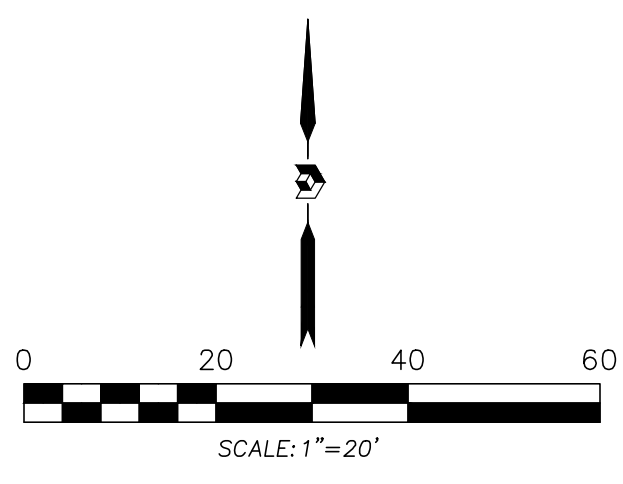
SHEET TITLE
 CODE ANALYSIS, EGRESS PLAN

G-100

A1 EGRESS PLAN
 3/16" = 1'-0"



Topographic Survey of
Community Center, Lot 42
Santa Cruz Subdivision
 Santa Fe County, New Mexico
 February 2023



R=20.00'
 L=35.89'
 Δ=102°48'32"
 CH=S. 32°16'38" E
 31.26'

Legend

N 90°00'00" E MEASURED BEARING AND DISTANCES

- FOUND AND USED MONUMENT AS DESIGNATED
- ⊕ CONTROL POINT
- ⊕ SET THIS SURVEY
- ⊕ ELECTRIC BOX
- ⊕ ELECTRIC METER
- ⊕ LIGHT POLE
- ⊕ FULLBOX
- ⊕ TRANSFORMER
- ⊕ TELEPHONE PEDESTAL
- ⊕ UNKNOWN PEDESTAL
- ⊕ SANITARY SEWER MANHOLE
- ⊕ CLEANOUT SIGN
- ⊕ GAS METER
- ⊕ HANDICAP PARKING SPACE
- ⊕ BASKETBALL GOAL
- ⊕ CURB AND GUTTER
- ⊕ CHAIN LINK FENCE
- ⊕ EDGE OF ASPHALT
- ⊕ WATER VALVE
- ⊕ GAS LINE
- ⊕ SANITARY SEWER LINE
- ⊕ ELECTRIC LINE
- ⊕ WATER LINE

| | | |
|---|---|---|
| MH NO. 1 TYPE: SAS MATERIAL: 8" PVC | MH NO. 2 TYPE: SAS MATERIAL: CLAY | MH NO. 3 TYPE: SAS MATERIAL: 6" CLAY |
| | | |
| BM EL=5710.13 E-INV. EL.=5706.08 S-INV. EL.=5706.01 | BM EL=5708.78 N-INV. EL.=5703.32 E-INV. EL.=5703.35 W-INV. EL.=5703.26 | BM EL=5697.47 E-INV. EL.=5691.67 W-INV. EL.=5691.57 |

Surveyor's Certificate

I, LARRY W. MEDRANO, A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF NEW MEXICO, LICENSE NUMBER 11993, DO HEREBY CERTIFY THAT THIS TOPOGRAPHIC SURVEY WAS PREPARED ON THE GROUND BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM RESPONSIBLE FOR THIS SURVEY. GPS RTK MEASUREMENTS, ELEVATIONS BASED ON TRIMBLE RTX POST PROCESSING SERVICE (NAVD 1988). THIS SURVEY MEETS THE MINIMUM STANDARDS FOR TOPOGRAPHIC SURVEYING IN NEW MEXICO AS ADOPTED BY THE NEW MEXICO BOARD OF LICENSURE FOR PROFESSIONAL ENGINEERS AND PROFESSIONAL SURVEYORS. THIS IS NOT A BOUNDARY SURVEY.

LARRY W. MEDRANO DATE
 N.M.P.S. No. 11993
 DIGITAL SIGNATURE IS INVALID WITHOUT DIGITAL CERTIFICATION



- Notes**
- PLAT REFERENCES:
 A. SUBDIVISION PLAT OF SANTA CRUZ SUBDIVISION FOR SANTA FE COUNTY PUBLIC SERVICES DIVISION (09/06/2001, 482-46)
 - ELEVATION DATUM IS BASED ON NAVD 1988 FROM TRIMBLE RTX POST PROCESSING SERVICE
 - LOCATION OF UNDERGROUND UTILITIES AND EASEMENTS NOT VERIFIED BY THIS PLAN. UNDERGROUND UTILITIES MAY EXIST WHERE NONE ARE SHOWN. UNDERGROUND UTILITY LOCATION IS BASED UPON INFORMATION PROVIDED BY OTHERS AND MAY BE INCOMPLETE OR OBSOLETE AT THE TIME OF CONSTRUCTION. THE OWNER SHOULD INFORM HIMSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE OWNER IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES AND UNDERGROUND UTILITY LINES. THE OWNER IS URGED TO COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES, IN PLANNING AND CONDUCTING EXCAVATION. THE OWNER SHOULD MAKE THEMSELVES AWARE OF REGULATIONS STATED IN CHAPTER 62, ARTICLE 14, NMSA 1978 RELATING TO EXCAVATION DAMAGE TO PIPELINES AND UNDERGROUND UTILITY LINES.
 - THIS MAP HAS BEEN PRODUCED ACCORDING TO PROCEDURES THAT HAVE BEEN DEMONSTRATED TO PRODUCE DATA THAT MEETS OR EXCEEDS THE MINIMUM STANDARDS FOR A TOPOGRAPHIC MAP COMPILED AT A SCALE OF 1"=20' WITH A CONTOUR INTERVAL OF ONE FOOT.
 - NM ONECALL TICKET NUMBER: 23FE010599

THIS IS NOT A BOUNDARY SURVEY OR A RIGHT-OF-WAY SURVEY
 APPARENT PROPERTY CORNERS, RIGHT-OF-WAY LINES, OR PROPERTY LINES AS SHOWN ARE DERIVED FROM RECORD SURVEY PLATS, RIGHT-OF-WAY MAPS, OR DEEDS REFERENCED HEREON AND ARE NOT GUARANTEED OR TO BE RELIED ON FOR THE ESTABLISHMENT OF PROPERTY LINES.

| | | | | | |
|--|--|---|--|---|--|
| COORDINATE AND DIMENSION INFORMATION STATE PLANE ZONE: NM-C GRID: GRID GEOD: GEOID 18 HORIZONTAL DATUM: NAVD88 VERTICAL DATUM: NAVD88 CONTROL USED: TRIMBLE RTX POST PROCESSING SERVICE COMBINED SCALE FACTOR: GRID TO GROUND: 1.0003654458 GROUND TO GRID: 0.9996346877 | | PLSS INFORMATION LAND GRANT: SANTA CLARA PUEBLO GRANT SECTION 1 TOWNSHIP 20 NORTH RANGE 8 EAST MERIDIAN NMPM COUNTY SANTA FE STATE NM | | PROPERTY INFORMATION PROPERTY OWNER: HOUSING AUTHORITY OF SANTA FE SUBDIVISION NAME: SANTA CRUZ SUBDIVISION UPC: 104812031236000000 | |
|--|--|---|--|---|--|



OFFICE LOCATION:
 9200 San Mateo Boulevard, NE
 Albuquerque, NM 87113
 505.856.5700 PHONE
 505.856.7900 FAX

PROJECT INFORMATION

| | |
|---------------------|-------------------------------|
| CREW/TECH: MC | DATE OF SURVEY: 02/01-22/2023 |
| DRAWN BY: JPK | CHECKED BY: LM |
| PSI JOB NO. 232017T | SHEET NUMBER 1 OF 1 |

CIVIL GENERAL NOTES

A. LAWS, CODES, RULES AND REGULATIONS: THE CONTRACTOR SHALL ABIDE BY ALL STATE, LOCAL, AND FEDERAL LAWS, CODES, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS, INCLUDING E.A. AND ADA REQUIREMENTS.

B. STANDARDS AND SPECIFICATIONS - PUBLIC: ALL MATERIALS, CONSTRUCTION METHODS, WORKMANSHIP, EQUIPMENT, SERVICES AND TESTING FOR ALL PUBLIC IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE GOVERNING AUTHORITIES' ORDINANCES, REGULATIONS, REQUIREMENTS, STANDARDS, SPECIFICATIONS AND DETAILS, LATEST PRINTING AND AMENDMENTS THERE TO.

C. STANDARDS AND SPECIFICATIONS - PRIVATE: THE GOVERNING AUTHORITIES' PUBLIC WORKS AND WATER DEPARTMENT REQUIREMENTS, PLUMBING CODES, AND FIRE DEPARTMENT REGULATIONS SHALL TAKE PRECEDENT FOR ALL PRIVATE IMPROVEMENTS WHERE APPLICABLE. ALL OTHER PRIVATE CONSTRUCTION NOT REGULATED BY THE GOVERNING AUTHORITY SHALL BE IN ACCORDANCE WITH THE NMAPWA STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION, LATEST PRINTING AND AMENDMENTS THERE TO, EXCEPT AS MODIFIED OR AMENDED BY THE PROJECT CONTRACT DOCUMENTS.

D. EXAMINATION OF SITE: THE CONTRACTOR ACKNOWLEDGES THAT HE HAS INVESTIGATED AND SATISFIED HIMSELF AS TO THE CONDITIONS AFFECTING THE WORK, INCLUDING BUT NOT RESTRICTED TO THOSE BEARING UPON TRANSPORTATION, DISPOSAL, HANDLING AND STORAGE OF MATERIALS, AVAILABILITY OF LABOR, WATER, ELECTRIC POWER, ROADS AND UNDETERMINED WEATHER, OR SIMILAR PHYSICAL CONDITIONS AT THE SITE. CONDITIONS OF THE GROUND, THE CHARACTER OF EQUIPMENT AND FACILITIES NEEDED PRELIMINARY TO AND DURING PERFORMANCE OF THE WORK, THE CONTRACTOR ACKNOWLEDGES THAT HE HAS INSPECTED THE SITE OF THE WORK AND IS FAMILIAR WITH THE SOIL CONDITIONS TO BE ENCOUNTERED. ANY FAILURE BY THE CONTRACTOR TO ACQUAINT HIMSELF WITH THE AVAILABLE INFORMATION WILL NOT RELIEVE HIM FROM RESPONSIBILITY FOR ESTIMATING PROPERLY THE DIFFICULTY OR COST OF SUCCESSFULLY PERFORMING THE WORK. THE DEVELOPER ASSUMES NO RESPONSIBILITY FOR ANY CONCLUSIONS OR INTERPRETATIONS MADE BY THE CONTRACTOR ON THE BASIS OF THE INFORMATION MADE AVAILABLE BY THE DEVELOPER.

E. SUBSURFACE INVESTIGATION: SUBSURFACE EXPLORATION TO ASCERTAIN THE NATURE OF SOILS, INCLUDING THE AMOUNT OF ROCK, IF ANY, IS THE RESPONSIBILITY OF THE CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE SUCH SUBSURFACE INVESTIGATIONS AS HE DEEMS NECESSARY TO DETERMINE THE NATURE OF THE MATERIAL TO BE ENCOUNTERED. SOME SUBSURFACE EXPLORATION HAS BEEN PERFORMED BY GEOTEST, INC. (REPORT DATE 06/12/2023). THE DEVELOPER AND ENGINEER DISCLAIM ANY RESPONSIBILITY FOR THE ACCURACY, TRUE LOCATION AND EXTENT OF THE SOILS INFORMATION THAT HAS BEEN PREPARED BY OTHERS. THEY FURTHER DISCLAIM RESPONSIBILITY FOR INTERPRETATION OF THAT DATA BY THE CONTRACTOR, AS IN PROJECTING SOIL BEARING VALUES, ROCK PROFILES, SOIL STABILITY AND THE PRESENCE, LEVEL AND EXTENT OF UNDERGROUND WATER. CONTRACTOR SHALL SECURE PERMISSION FROM OWNER / DEVELOPER FOR ANY POTHOLING ACTIVITIES DEEMED NECESSARY FOR SUBSURFACE EXPLORATION.

F. TOPOGRAPHIC SURVEY: TOPOGRAPHIC SURVEY INFORMATION SHOWN WAS PREPARED BY PRECISION SURVEYS, INC. AND IS PROVIDED FOR INFORMATIONAL PURPOSES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE INFORMATION SHOWN IS CORRECT, AND SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY ERRORS, DISCREPANCIES OR OMISSIONS TO THE SURVEY INFORMATION PROVIDED. ANY COSTS INCURRED AS THE RESULT OF NOT CONFIRMING THE ACTUAL SURVEY SHALL BE BORNE BY THE CONTRACTOR.

G. COMPLIANCE WITH LAWS: THE CONTRACTOR SHALL FULLY COMPLY WITH ALL LOCAL, STATE AND FEDERAL LAWS, INCLUDING ALL CODES, ORDINANCES AND REGULATIONS APPLICABLE TO THIS PROJECT AND THE WORK TO BE DONE THEREUNDER, WHICH EXIST OR MAY BE ENACTED LATER BY GOVERNMENTAL BODIES HAVING JURISDICTION OR AUTHORITY FOR SUCH ENACTMENT. ALL WORK REQUIRED UNDER THIS CONTRACT SHALL COMPLY WITH ALL REQUIREMENTS OF LAW, REGULATION, PERMIT OR LICENSE, IF THE CONTRACTOR FINDS THAT THERE IS A VARIANCE, HE SHALL IMMEDIATELY REPORT THIS TO THE DEVELOPER FOR RESOLUTION.

H. PUBLIC CONVENIENCE AND SAFETY: IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR ESTIMATING PROPERLY THE DIFFICULTY OR COST OF SUCCESSFULLY PERFORMING THE WORK. THE DEVELOPER ASSUMES NO RESPONSIBILITY FOR ANY CONCLUSIONS OR INTERPRETATIONS MADE BY THE CONTRACTOR ON THE BASIS OF THE INFORMATION MADE AVAILABLE BY THE DEVELOPER.

I. STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND/OR EROSION AND SEDIMENT CONTROL PLAN (ESCP): THE CONTRACTOR SHALL COMPLY WITH THE CONDITIONS OF THE SWPPP AND/ESCP WHILE CONDUCTING PROJECT INCLUDING COMPLIANCE TO BEST MANAGEMENT PRACTICES (BMPs) TO PREVENT EROSION AND SEDIMENTATION.

J. PERMITS AND LICENSES: THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND LICENSES NECESSARY FOR THE EXECUTION OF THE WORK AND SHALL FULLY COMPLY WITH ALL THEIR TERMS AND CONDITIONS. WHENEVER THE WORK UNDER THIS CONTRACT REQUIRES THE OBTAINING OF PERMITS FROM THE GOVERNING AUTHORITIES, THE CONTRACTOR SHALL FURNISH THE NECESSARY DOCUMENTS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

K. IMPACT FEES: THE DEVELOPER WILL PAY ALL IMPACT FEES APPLICABLE TO THE PROJECT.

L. BONDS PERFORMANCE: PAYMENT AND MAINTENANCE BONDS WILL BE REQUIRED FROM THE CONTRACTOR FOR ALL WORK CONSIDERED TO BE "PUBLIC" IMPROVEMENTS. BONDS SHALL BE IN THE FORM AND IN THE AMOUNTS AS REQUIRED BY THE GOVERNING AUTHORITIES.

M. VENDORS CERTIFICATION: ALL MATERIALS USED IN CONSTRUCTION SHALL HAVE A VENDOR'S CERTIFIED TEST REPORT. TEST REPORTS SHALL BE DELIVERED TO THE ENGINEER BEFORE PERMISSION WILL BE GRANTED FOR USE OF THE MATERIAL. ALL VENDORS TEST REPORTS SHALL BE SUBJECT TO REVIEW BY THE ENGINEER, AND SHALL BE SUBJECT TO VERIFICATION BY TESTING OF SAMPLES RECEIVED FOR USE ON THE PROJECT. IN THE EVENT THAT ADDITIONAL TESTS ARE REQUIRED, THEY SHALL BE PERFORMED BY AN APPROVED INDEPENDENT TESTING LABORATORY AND SHALL BE PAID FOR BY THE CONTRACTOR.

N. TESTING: THE TESTING AND CONTROL OF ALL MATERIALS USED IN THE WORK SHALL BE DONE BY AN INDEPENDENT TESTING LABORATORY IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS OF TESTING. THE CONTRACTOR SHALL NOT COMPLY WITH THE PLANS AND SPECIFICATIONS, SUBSEQUENT TESTS NECESSARY TO DETERMINE THE ACCEPTABILITY OF MATERIALS OR CONSTRUCTION SHALL BE FURNISHED AND PAID BY THE CONTRACTOR AS DIRECTED BY THE DEVELOPER. PAYMENT WILL BE DEDUCTED FROM PAYMENT DUE TO THE CONTRACTOR.

O. INSPECTION: INSPECTION OF THE CONSTRUCTION SHALL BE PROVIDED BY THE GOVERNING AUTHORITIES AND/OR THE DEVELOPER. COSTS FOR INSPECTION SERVICES WILL BE PAID BY THE DEVELOPER. THE CONTRACTOR SHALL PROVIDE ASSISTANCE BY PROVIDING EXCAVATION, TRENCH EXCAVATION, OR OTHER WORK NECESSARY TO FACILITATE INSPECTION ACTIVITIES, AND SHALL GIVE SUFFICIENT NOTICE WELL IN ADVANCE OF PENDING CONSTRUCTION ACTIVITIES TO THE GOVERNING AUTHORITIES AND/OR DEVELOPER FOR SCHEDULING OF INSPECTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETERMINATION OF THE SCHEDULING OF INSPECTIONS. THE SCHEDULING OF INSPECTIONS AND THE ACCEPTANCE OF ALL PUBLIC AND/OR PRIVATE UTILITIES BY THE APPROPRIATE GOVERNING AUTHORITY PRIOR TO TRENCH BACKFILLING.

P. SHOP DRAWINGS: THE CONTRACTOR SHALL PROVIDE, REVIEW, APPROVE AND SUBMIT ALL SHOP DRAWINGS, PRODUCT DATA AND SAMPLES REQUIRED BY THE GOVERNING AUTHORITIES AND THE PROJECT CONTRACTOR. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS FOR THE SUPPORT AND PROTECTION OF ALL UTILITY POLES, FENCES, TREES, SHRUBS, GAS MAINS, TELEPHONE CABLES, ELECTRIC CABLES, DRAINAGE PIPES, UTILITY SERVICES, AND ALL OTHER UTILITIES AND STRUCTURES BOTH ABOVE AND BELOW THE GROUND.

Q. SURVEYING: ALL SURVEYING REQUIRED FOR CONSTRUCTION STAKING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL EMPLOY A REGISTERED PROFESSIONAL LAND SURVEYOR TO PERFORM ALL ADDITIONAL SURVEY, LAYOUT AND MEASUREMENT WORK NECESSARY FOR THE COMPLETION OF THE PROJECT. THE CONTRACTOR SHALL FURNISH THE NECESSARY DOCUMENTS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

R. PROTECTION OF PROPERTY CORNERS AND BENCHMARKS: THE CONTRACTOR SHALL PROTECT ALL PROPERTY CORNERS AND BENCHMARKS, AND WHEN ANY SUCH MARKERS OR MONUMENTS ARE IN DANGER OF BEING DISTURBED, THEY SHALL BE PROPERLY REFERENCED AND IF DISTURBED SHALL BE RESET BY A REGISTERED LICENSED SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.

S. EXISTING STRUCTURES: THE PLANS SHOW THE LOCATION OF ALL KNOWN SURFACE AND SUBSURFACE STRUCTURES. HOWEVER, THE DEVELOPER OR ENGINEER ASSUME NO RESPONSIBILITY FOR FAILURE TO SHOW ANY OR ALL OF THESE STRUCTURES ON THE PLANS, OR TO SHOW THEM IN THEIR EXACT LOCATION. SUCH FAILURE SHALL NOT BE CONSIDERED SUFFICIENT BASIS FOR EXTRA WORK OR FOR INCREASING THE PAY QUANTITIES IN ANY MANNER WHATSOEVER. UNLESS THE OBSTRUCTION ENCOUNTERED IS SUCH AS TO REQUIRE CHANGES IN THE LINES OR GRADES, OR REQUIRE THE CONSTRUCTION OF SPECIAL WORK, FOR WHICH PROVISIONS ARE NOT MADE IN THE PLANS.

T. PROTECTION OF EXISTING UTILITIES: NEW MEXICO ONE CALL (NM811) PHONE: 1-800-321-2573. SYSTEM MUST BE CONTACTED AT LEAST TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION OPERATIONS BEING PERFORMED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT NM811 SYSTEM. THE LOCATION AND DIMENSIONS SHOWN ON THE PLANS RELATIVE TO EXISTING UTILITIES ARE BASED ON THE BEST RECORDS AND/OR FIELD INFORMATION AVAILABLE AND ARE NOT GUARANTEED BY THE DEVELOPER OR ENGINEER TO BE ACCURATE AS TO LOCATION AND DEPTH. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF ADJACENT AND/OR CROSSING UTILITIES SUFFICIENTLY IN ADVANCE OF HIS ACTIVITIES IN ORDER TO NEGOTIATE SUCH LOCAL ADJUSTMENTS AS NECESSARY IN THE CONSTRUCTION PROCESS TO PROVIDE ADEQUATE CLEARANCES. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT ALL EXISTING UTILITIES, SERVICES AND STRUCTURES ENCOUNTERED, WHETHER OR NOT THEY ARE INDICATED ON THE PLANS. ANY DAMAGE TO UTILITIES RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED AT HISHER EXPENSE. TO AVOID UNNECESSARY INTERFERENCES OR DELAYS, THE CONTRACTOR SHALL COORDINATE ALL UTILITY REMOVALS, REPLACEMENTS AND CONSTRUCTION WITH THE APPROPRIATE GOVERNING AUTHORITIES, THEN REQUEST WRITTEN AUTHORIZATION FROM THE ENGINEER. THE DEVELOPER WILL NOT BE LIABLE FOR DAMAGES DUE TO DELAY AS A RESULT OF THE ABOVE.

U. ELECTRIC UTILITIES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING, IN ADVANCE OF OTHER CONSTRUCTION OPERATIONS, IF OVERHEAD UTILITY LINES, SUPPORT STRUCTURES, POLES, GUYS, ETC. ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTION IS EXISTING, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION. ALL COSTS FOR THESE REQUIREMENTS ARE INCIDENTAL TO THE CONTRACT.

V. DAMAGE TO EXISTING FACILITIES: ALL UTILITIES, PAVEMENT, SIDEWALKS, WALLS, FENCES, ETC. NOT DESIGNATED TO BE REMOVED BUT THAT ARE DAMAGED DURING CONSTRUCTION ACTIVITIES SHALL BE REPLACED TO A CONDITION AS GOOD AS OR BETTER THAN THE CONDITIONS PRIOR TO STARTING THE WORK, SOLELY AT THE EXPENSE OF THE CONTRACTOR.

W. FIRE AND LIFE SAFETY SYSTEMS: CONTRACTOR SHALL NOT REMOVE, DISABLE OR DISRUPT EXISTING FIRE OR LIFE SAFETY SYSTEMS WITHOUT WRITTEN PERMISSION FROM THE GOVERNING AUTHORITY.

X. TRENCH SAFETY: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AND MAINTAIN A VISIBLE TRENCH SAFETY SYSTEM AT ALL TIMES DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR IS DIRECTED TO BECOME KNOWLEDGEABLE AND FAMILIAR WITH THE STANDARDS SET BY THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND THE STATE OF NEW MEXICO REQUIREMENTS CONCERNING TRENCHING AND SHORING.

Y. RECORD INFORMATION: THE CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS ON SITE AT ALL TIMES. THE CONTRACTOR SHALL NOT SCALE DRAWINGS. ONLY WRITTEN DIMENSIONS OR KEYED NOTES SHALL BE USED.

Z. TRAFFIC CONTROL: THE CONTRACTOR SHALL PROVIDE A CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN THAT CONFORMS TO THE LATEST EDITION OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) AND LOCAL REQUIREMENTS. THE CONTRACTOR SHALL OBTAIN BARRICADING PERMITS FROM THE APPROPRIATE AUTHORITIES PRIOR TO ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS. THE CONTRACTOR SHALL MAINTAIN ALL BARRICADING AND CONSTRUCTION SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.

AA. ALL SITE PREPARATION, GRADING OPERATIONS, AND PAVEMENT INSTALLATION WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT, WHICH WILL BE PROVIDED BY THE OWNER OR ARCHITECT. ALL OTHER WORK SHALL, UNLESS OTHERWISE NOTED IN THE PLANS, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT SPECIFICATION (FIRST PRIORITY), AND/OR MDDOT STANDARD SPECIFICATIONS FOR PUBLIC WORK (SECOND PRIORITY).

AB. VEGETARY COMPACTION SHALL NOT BE USED OVER IN-PLACE UTILITIES.

AC. SOIL TESTING AND INSPECTION SERVICES DURING SITE OPERATIONS ARE REQUIRED. CONTRACTOR SHALL ALLOW TESTING LABS TO INSPECT AND APPROVE COMPACTED SUBGRADES, BACKFILL, AND FILL LAYERS BEFORE FURTHER CONSTRUCTION WORK IS DONE. SHOULD COMPACTION TESTS INDICATE INADEQUATE DENSITY, CONTRACTOR SHALL PROVIDE ADDITIONAL COMPACTION AND TESTING AT THE CONTRACTOR'S SOLE EXPENSE.

AD. CONSTRUCTION STAKING: ALL SITE CONSTRUCTION STAKING MUST BE PERFORMED BY A LICENSED SURVEYOR USING APPROVED, STAMPED AND DATED PLANS. UPON WRITTEN REQUEST FROM THE CONTRACTOR, A FILE CONTAINING THE ELECTRONIC DATA COMPRISING THE CIVIL CAD DRAWINGS (GRADING, DRAINAGE, AND UTILITIES) MAY BE FORWARDED TO THEIR DESIGNATED LICENSED LAND SURVEYOR. THE ELECTRONIC INFORMATION PROVIDED IS FOR INFORMATIONAL PURPOSES ONLY AND MUST BE VERIFIED WITH THE STAMPED AND DATED PLANS. IN ORDER TO MAINTAIN THE INTEGRITY OF HORIZONTAL AND VERTICAL CONTROL FOR THE SITE, THE SURVEYOR EMPLOYED BY THE CONTRACTOR TO PERFORM CONSTRUCTION LAYOUT STAKING SHALL SET AND PROTECT ADDITIONAL TRAVERSE POINTS OUTSIDE THE AREAS OF CONSTRUCTION ACTIVITY.

AE. FLOORPLAN: NO WORK SHALL BE PERFORMED IN A FLOORPLAN WITHOUT WRITTEN AUTHORIZATION FROM THE CITY'S FLOORPLAN MANAGER.

GRADING GENERAL NOTES

A. UNDISTURBED AREAS: PRIOR TO GRADING, BRUSH REMOVAL, OR SITE CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH THE DEVELOPER AT THE SITE TO ASCERTAIN THE AREAS OF THE PROJECT SITE THAT ARE TO BE PROTECTED AND PRESERVED.

B. TESTING: ALL EARTHWORK OPERATIONS SHALL BE OBSERVED AND TESTED BY THE GEOTECHNICAL ENGINEER FOR CONFORMANCE WITH THE REQUIREMENTS SET FORTH IN THE GEOTECHNICAL STUDY.

C. STRIPPING AND DEBRIS REMOVAL: THE BUILDING PAD SITES, AREAS TO BE PAVED, AND ALL AREAS THAT ARE TO RECEIVE FILL MATERIAL SHALL BE STRIPPED OF VEGETATION, TREES, ROOTS, STUMPS, DEBRIS, AND OTHER ORGANIC MATERIAL. THE DEPTH OF STRIPPING IS ESTIMATED TO BE ON THE ORDER OF SIX (6) INCHES IN ORDER TO REMOVE THE SURFACE SOIL CONTAINING ORGANIC MATERIAL. THE ACTUAL STRIPPING DEPTH SHALL BE BASED ON FIELD OBSERVATIONS. STRIPPED TOPSOIL SHALL BE STOCKPILED IN A LOCATION ON-SITE APPROVED BY THE DEVELOPER. ALL WASTE PRODUCTS FROM THE CONSTRUCTION SITE SHALL BE APPROPRIATELY DISPOSED OF OFF-SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN PERMITS REQUIRED TO Haul OR DISPOSE OF WASTE PRODUCTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE WASTE DISPOSAL SITE COMPLIES WITH GOVERNMENT REGULATIONS. ALL COSTS ASSOCIATED WITH DISPOSAL OF MATERIAL SHALL BE INCLUDED IN THE CONTRACT AMOUNT.

D. PROOF ROLLING: UPON COMPLETION OF STRIPPING OPERATIONS, AND PRIOR TO PLACEMENT OF ANY FILL MATERIALS, THE STRIPPED AREAS SHOULD BE OBSERVED TO DETERMINE IF ADDITIONAL EXCAVATION IS REQUIRED TO REMOVE WEAK OR OTHERWISE OBJECTIONABLE MATERIALS THAT WOULD ADVERSELY AFFECT THE FILL PLACEMENT. THE SUBGRADE SHOULD BE FIRM AND ABLE TO SUPPORT CONSTRUCTION EQUIPMENT WITHOUT DISPLACEMENT. SOFT OR YIELDING SUBGRADE SHOULD BE CORRECTED AND MADE STABLE BEFORE PROOF ROLLING BEGINS. PROOF ROLLING SHOULD BE PERFORMED USING A HEAVY PNEUMATIC TIRE TRUCK, LOADED DUMP TRUCK, OR SIMILAR PIECE OF EQUIPMENT WEIGHING AT LEAST 25 TONS. THE PROOF ROLLING OPERATIONS SHOULD BE OBSERVED BY THE GEOTECHNICAL ENGINEER OR HIS REPRESENTATIVE.

E. UNSTABLE MATERIAL: WHEN CLAY OR OTHER UNSTABLE MATERIAL IS PRESENT IN AREAS OF PROPOSED BUILDING PADS OR PAVED AREAS, THE GEOTECHNICAL ENGINEER SHALL OBSERVE THE EXISTING CLAY OR WEATHERED MATERIAL THAT IS PRESENT IN THE SUBGRADE, AND MATERIAL THAT IS PRESENT IN THE SUBGRADE AND DETERMINE WHETHER ADDITIONAL EXCAVATION OF THESE MATERIALS WILL BE REQUIRED. IF THIS MATERIAL IS DEEMED SUITABLE FOR SUBBASE MATERIAL, THE SUBGRADE SHALL BE SCARIFIED TO A DEPTH OF

EIGHT (8) INCHES. ITS MOISTURE CONTENT ADJUSTED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER, AND THEN RE-COMPACTED TO ONE HUNDRED (100) PERCENT OF THE OPTIMUM DENSITY DETERMINED BY THE STANDARD PROCTOR TEST, ASTM D - 698 PRIOR TO PLACEMENT OF FILL MATERIALS.

F. CONTROLLED FILL: ALL SOILS USED FOR CONTROLLED FILL SHOULD BE FREE OF ROOTS, VEGETATION, AND OTHER DELETERIOUS OR UNDESIRABLE MATTER. ROCKS LESS THAN 4 INCHES IN LARGEST DIMENSION WITHIN 18" OF PROPOSED SUBGRADE ELEVATION, LESS THAN 8 INCHES IN SIZE FROM 18" TO 36" OF PROPOSED SUBGRADE ELEVATION, LESS THAN 12 INCHES IN SIZE FROM 36" TO 72" OF PROPOSED SUBGRADE ELEVATION, AND LESS THAN 18 INCHES IN LARGEST DIMENSION FOR FILLS IN EXCESS OF 72" FROM SUBGRADE ELEVATION SHALL BE SUBSTITUTED WITH A SUFFICIENT AMOUNT OF FINE MATERIAL. ROCK FILLS SHOULD BE SUBSTITUTED WITH A SUFFICIENT AMOUNT OF FINE MATERIAL TO PREVENT VOIDS. SOILS IMPORTED FROM OFF-SITE FOR USE AS FILL SHOULD BE APPROVED BY THE GEOTECHNICAL ENGINEER. THE FILL MATERIAL SHOULD BE PLACED IN LEVEL, UNIFORM LIFTS, WITH EACH LIFT COMPACTED TO THE MINIMUM DRY DENSITY WITHIN THE COMPACTION SOIL MOISTURE RANGES RECOMMENDED. THE LOOSE LIFT THICKNESS SHOULD NOT EXCEED 10 INCHES. EACH LAYER SHOULD BE PROPERLY PLACED, MIXED, SPREAD, AND COMPACTED TO BETWEEN 98 AND 100 PERCENT OF STANDARD PROCTOR DENSITY AS DETERMINED BY ASTM D 98.

G. PROPOSED GRADES: THE PROPOSED CONTOURS INDICATED ON THE GRADING PLAN ARE FINISHED GRADES AND ARE SHOWN AT ONE-FOOT INTERVALS UNLESS NOTED. SPOT ELEVATIONS SHOWN IN PAVED AREAS ARE FINISHED GRADES UNLESS NOTED OTHERWISE.

H. MASS GRADE ELEVATIONS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR MASS GRADING OF THE SITE BASED ON THE THICKNESSES PROVIDED FOR HEAVY PAVEMENT, STANDARD PAVEMENT, SIDEWALK, LANDSCAPING, ETC.

I. BUILDING ENTRANCE GRADES: REFER TO THE BUILDING PLANS FOR DETAILED GRADING AT THE BUILDING ENTRANCE AREAS. THE CONTRACTOR SHALL COMPLY WITH ALL ADA AND NEW MEXICO ACCESSIBILITY STANDARDS.

J. PAVEMENT GRADES: IN MARKED HANDICAPPED PARKING AREAS SHALL NOT EXCEED 2.0% IN ANY DIRECTION. FOR ALL ACCESSIBLE ROUTES, MAXIMUM ALLOWABLE CROSS SLOPE IS 2.0% AND MAXIMUM LONGITUDINAL SLOPE WITHOUT RAMP IS 5.0%. FOLLOW ALL ADA ACCESSIBILITY GUIDELINES OR CITY CODES, WHICHEVER IS MORE STRINGENT.

K. EARTHWORK QUANTITIES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALCULATING THE EARTHWORK QUANTITIES BASED ON THE EXISTING CONTOURS SHOWN ON THESE PLANS. PROPOSED SPOT AND CONTOUR ELEVATIONS SHOWN REPRESENT TOP OF FINISH MATERIAL (I.E. TOP OF CONCRETE, TOP OF CONCRETE BUILDING PAD, TOP OF PAVEMENT MATERIAL, TOP OF LANDSCAPING MATERIAL, ETC.). CONTRACTOR SHALL GRADE, COMPACT SUBGRADE AND DETERMINE EARTHWORK ESTIMATES BASED ON PROPOSED ELEVATIONS SHOWN MINUS FINISH MATERIAL THICKNESSES.

L. TRANSITION TO EXISTING: WHERE GRADES BETWEEN NEW AND EXISTING ARE SHOWN AS MATCH OR V, TRANSITIONS SHALL BE SMOOTH.

M. STRIPPING AND DEBRIS REMOVAL: THE BUILDING PAD SITES, AREAS TO BE PAVED, AND ALL AREAS THAT ARE TO RECEIVE FILL MATERIAL SHALL BE STRIPPED OF VEGETATION, TREES, ROOTS, STUMPS, DEBRIS, AND OTHER ORGANIC MATERIAL. THE DEPTH OF STRIPPING IS ESTIMATED TO BE ON THE ORDER OF SIX (6) INCHES IN ORDER TO REMOVE THE SURFACE SOIL CONTAINING ORGANIC MATERIAL.

N. UNDERGROUND STORM DRAIN STRUCTURES: PRIOR TO BACKFILLING OF UNDERGROUND RETENTION/STORAGE/TENTION PONDS AND STORM DRAIN SYSTEMS, CONTRACTOR SHALL PROVIDE PHOTOS OF THE INSTALLATION AND AN AS-BUILT EXHIBIT(S) SHOWING HORIZONTAL LOCATION AND AS-BUILT ELEVATIONS TO THE PROJECT ENGINEER.

O. STORMWATER FACILITIES: POND DESIGN PARAMETERS AND STORMWATER CONTROL MEASURES SHOWN ON THIS PLAN (TOP OF POND, BOTTOM OF POND, SIZE AND ELEVATION OF ORIFICE, AREA OF POND, ETC.) TO BE STRICTLY ADHERED TO FOR CERTIFICATION PURPOSES. POST-CONSTRUCTION MAINTENANCE FOR PRIVATE STORMWATER FACILITIES WILL BE THE RESPONSIBILITY OF THE FACILITIES OWNER. PERIODIC INSPECTION AND CERTIFICATION OF THE FACILITIES MAY BE REQUIRED. ENGINEER RECOMMENDS THAT OWNER INSPECT SITE YEARLY AND AFTER EACH RAINFALL TO IDENTIFY NEW AREAS OF EROSION AND INSTALL ADDITIONAL EROSION PROTECTION AS NEEDED.

P. AS-BUILT SURVEY: FOR ENGINEERS CERTIFICATION OF SUBSTANTIAL COMPLIANCE, CONTRACTOR SHALL PROVIDE AN AUTOCAD FORMAT AS-BUILT SURVEY PREPARED BY A LICENSED SURVEYOR INCLUDING THE FOLLOWING:

- AS-BUILT SPOT ELEVATIONS AT EACH DESIGN SPOT ELEVATION SHOWN ON THE APPROVED GRADING & DRAINAGE PLAN;
- TOP AND BOTTOM AREAS AND ELEVATIONS AS REQUIRED TO CONFIRM THE VOLUMES OF PONDS;
- POND OVERFLOW ELEVATIONS;
- ALL CONSTRUCTION, INCLUDING DRAIN INLETS, PIPES AND PONDS SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED PLAN IN ORDER TO RECEIVE ENGINEER CERTIFICATION.

Q. PROTECTION OF UTILITIES: THE UTILITY RETENTION PONDS WILL BE INSPECTED AS PART OF ENGINEER'S CERTIFICATION FOR CERTIFICATE OF OCCUPANCY. DURING LANDSCAPING, PONDS WILL BE SMOOTHLY INTEGRATED INTO LANDSCAPING WHILE MAINTAINING REQUIRED TOP AND BOTTOM ELEVATION, VOLUME AND INLET / OVERFLOW ELEVATIONS.

R. ELECTRONIC FILES: UPON WRITTEN REQUEST COORDINATED THROUGH THE PROJECT ARCHITECT, THE ELECTRONIC FILE OF THE GRADING AND DRAINAGE MAY BE PROVIDED TO THE CONTRACTOR FOR VERTICAL CONTROL. DO NOT USE GRADING & DRAINAGE PLAN FOR PROJECT STAKING AS THERE IS NO CERTAINTY THAT IT IS USING THE MOST CURRENT SITE BASE. SITE CONSTRUCTION LAYOUT / STAKING SHALL BE COORDINATED WITH THE ARCHITECT USING THE ARCHITECT PROVIDED SITE PLAN.

ENVIRONMENTAL PROTECTION:

A. ELECTRONIC NOTICE OF INTENT (NOI): TO CONFORM WITH A FWA STORMWATER REGULATIONS, THE PROPERTY OWNER AND GENERAL CONTRACTOR MUST FILE AN NOI WITH THE EPA FOR SITES DISTURBING 1 ACRE OR MORE OF LAND OR PART OF A LARGER COMMON PLAN OF DEVELOPMENT THAT WILL DISTURB GREATER THAN ONE ACRE OF LAND, 14 DAYS PRIOR TO COMMENCING EARTH DISTURBING ACTIVITIES.

B. EROSION AND SEDIMENT CONTROL: IF THE SITE IS SMALL ENOUGH NOT TO REQUIRE AN NOI, THE CONTRACTOR SHALL BE RESPONSIBLE FOR USING EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs) TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PUBLIC RIGHT-OF-WAY. MEASURES REQUIRED FOR EROSION AND SEDIMENT CONTROL SHALL BE INCIDENTAL TO THE PROJECT COST.

C. PROTECTION OF ADJACENT PROPERTY: CONTRACTOR SHALL ASSUME FULL LIABILITY FOR DAMAGE TO ADJACENT PROPERTIES AND/OR PUBLIC RIGHT-OF-WAY RESULTING FROM FAILURE TO FULLY IMPLEMENT AND EXECUTE ALL EROSION CONTROL METHODS AND PROCEDURES SHOWN AND NOTED IN THE PLANS AND SWPP.

D. BMP REMOVAL: THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL SEDIMENT BARRIERS AND INLET PROTECTION AFTER VEGETATION HAS BEEN COMPLETED AND ALL AREAS OF THE SITE HAVE BEEN STABILIZED AND ACCEPTED BY THE GOVERNING AUTHORITIES AND THE DEVELOPER.

E. ANY AREAS DISTURBED BY CONSTRUCTION AND NOT COVERED BY LANDSCAPING OR AN IMPERVIOUS SURFACE SHALL BE RE-VEGETATED WITH NATIVE GRASS SEEDING IN ACCORDANCE WITH SECTION 1012 OF THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, APWA NMI CHAPTER, CURRENT EDITION.

F. EROSION PROTECTION: BARRIERS, TYPICAL EROSION PROTECTION WITHIN SWALES SHALL BE INSTALLED AT 12" TOTAL DEPTH, 4" AVG. DIA. ANGULAR FACED ROCK PLACED OVER GEOTEXT 501 NON-WOVEN GEOTEXTILE (O.E.) UNLESS NOTED. SLOPES STEEPER THAN 3:1 BUT LESS THAN 2:1 MUST HAVE PERMANENT EROSION PROTECTION INSTALLED. NO SLOPE SHALL BE STEEPER THAN 2:1 UNLESS NOTED.

G. EROSION PROTECTION: SWALES, TYPICAL EROSION PROTECTION WITHIN SWALES SHALL BE INSTALLED AT 12" TOTAL DEPTH, 4" AVG. DIA. ANGULAR FACED ROCK PLACED OVER GEOTEXT 501 NON-WOVEN GEOTEXTILE (O.E.) UNLESS NOTED. SWALES SHALL BE EXCAVATED SO THAT TOP OF ROCK IS FLUSH WITH ADJACENT GRADE. V DEPTH +3 WIDTH OVER.

H. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST AND EROSION CONTROL REGULATIONS. THE CONTRACTOR SHALL PREPARE AND OBTAIN ANY NECESSARY DUST OR EROSION CONTROL PERMITS FROM THE REGULATORY AGENCIES.

STORM DRAIN GENERAL NOTES

A. PROTECTION OF UTILITIES: THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS FOR THE SUPPORT AND PROTECTION OF ALL UTILITY POLES, FENCES, TREES, SHRUBS, GAS MAINS, TELEPHONE CABLES, ELECTRIC CABLES, DRAINAGE PIPES, UTILITY SERVICES, AND ALL OTHER UTILITIES AND STRUCTURES BOTH ABOVE AND BELOW THE GROUND.

B. PRIVATE STORM DRAIN PIPE: UNLESS OTHERWISE NOTED ON THE DRAWINGS, ALL PIPE FOR PRIVATE STORM DRAIN IMPROVEMENTS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND DETAILS AS FOLLOWS:
GREATER THAN 36": REINFORCED CONCRETE PIPE (RCP), CLASS III OR ADS HIGH DENSITY POLYETHYLENE PIPE (HDPE), N-12
15" THROUGH 36": REINFORCED CONCRETE PIPE (RCP), CLASS III OR ADS HIGH DENSITY POLYETHYLENE PIPE (HDPE), N-12
4" THROUGH 12": POLYVINYL CHLORIDE PIPE (PVC), SDR -35, OR ADS HIGH DENSITY POLYETHYLENE PIPE (HDPE), N-12

C. GROUTING: ALL PIPE ENTERING PUBLIC STORM DRAIN STRUCTURES SHALL BE GROUTED TO ASSURE WATER TIGHT CONNECTIONS.

D. ROOF DRAINS: THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF ROOF DRAIN LATERALS WITH BUILDING PLANS FOR DOWNSPOUT CONNECTIONS. END AND CAP ROOF DRAIN LATERALS FIVE (5) FEET FROM BUILDING AT _____ BELOW FINISH GRADE FOR CONNECTION OF DOWNSPOUTS.

E. ADJUSTMENT OF STRUCTURES: ALL STORM DRAIN STRUCTURES INCLUDING MANHOLES, INLETS AND CLEANOUTS MUST BE ADJUSTED TO PROPER LINE AND GRADE BY THE CONTRACTOR PRIOR TO, AND AFTER, PLACEMENT OF PAVING AND LANDSCAPING.

F. BENDS & WYE CONNECTIONS: ALL STORM BENDS & WYE CONNECTIONS SHALL BE PREFABRICATED "FACTORY" BENDS & WYES.

G. INSTALLATION: THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE INSTALLATION OF ALL WORK RELATED TO PROPOSED STORM DRAINS SHOWN ON THIS PLAN INCLUDING: TRENCHING, TRENCHING, BORING, AND JACKING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST PRINTING AND AMENDMENTS THERE TO, EXCEPT AS MODIFIED OR AMENDED BY THE PROJECT CONTRACT DOCUMENTS. ANY WORK NOT ACCEPTED BY THE ARCHITECT OR ENGINEER DUE TO IMPROPER WORKMANSHIP OR LACK OF PROPER COORDINATION SHALL BE REMOVED AND CORRECTLY INSTALLED AT THE CONTRACTOR'S EXPENSE, AS DIRECTED.

H. MINIMUM COVER: MINIMUM COVER FOR STORM DRAIN PIPES SHALL BE AS FOLLOWS:
LESS THAN 18": UNLESS OTHERWISE NOTED.
18" THROUGH 36": UNLESS OTHERWISE NOTED.

I. CONNECTION TO ROOF DRAINS: COSTS FOR NECESSARY FITTINGS FOR CONNECTIONS TO ROOF DOWNSPOUTS SHALL BE INCIDENTAL.

J. TRENCHING: TRENCHING SHALL BE CONSTRUCTED IN ACCORDANCE WITH CDA SPEC. SECT. 700 / NMAPWA SPEC. SECT. 700 / LOCAL UTILITY COMPANY SPECIFICATIONS. ALL BACKFILL SHALL BE COMPACTED TO A MINIMUM 95% DENSITY PER ASTM D-1557.

K. CROSSINGS: ALL STORM DRAIN CROSSINGS OF WATER AND SEWER LINES SHALL HAVE 18" MIN CLEARANCE. IF 18" CLEARANCE IS NOT POSSIBLE, CONTACT THE ENGINEER AND / OR ARCHITECT IMMEDIATELY.

L. INVERTS AND SLOPES: STORM DRAINS SHALL BE INSTALLED AT INVERTS AND SLOPES SPECIFIED ON THE PLANS. THE PIPE SHALL DRAIN AT A CONSTANT SLOPE BETWEEN FITTINGS AND MANHOLES. THE PIPE SHALL DRAIN TOWARD THE OUTLET AT ALL LOCATIONS.

UTILITY GENERAL NOTES

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE INSTALLATION OF ALL WORK RELATED TO PROPOSED UTILITIES SHOWN ON THIS PLAN INCLUDING: TRENCHING, BACKFILL, SUPPORTS, CLEANOUT STANDS, SERVICE STOPS AND BOXES, SERVICE LINES, TESTING, CLEANING, AND STERILIZING. ANY WORK NOT ACCEPTED DUE TO IMPROPER WORKMANSHIP OR LACK OF PROPER COORDINATION SHALL BE REMOVED AND CORRECTLY INSTALLED AT THE CONTRACTOR'S EXPENSE, AS DIRECTED.

B. MINIMUM COVER: SHALL BE 3' FOR WATERLINES AND 48" FOR SANITARY SEWER, EXCEPT AT BUILDING CONNECTIONS.

C. UTILITY LINES: SHALL BE INSTALLED AFTER COMPLETION OF THE SITE ROUGH GRADING.

D. UTILITY LINES: SHALL BE INSTALLED PRIOR TO SURFACE IMPROVEMENTS SUCH AS PAVEMENT, SIDEWALKS, AND LANDSCAPING.

E. CONTRACTOR SHALL BE RESPONSIBLE FOR CONNECTIONS TO BUILDING PLUMBING AND ALL NECESSARY FITTINGS. FITTING COSTS SHALL BE INCIDENTAL. REFER TO THE MECHANICAL AND PLUMBING PLANS FOR SERVICE CONNECTIONS.

F. DRY UTILITY LOCATIONS AND DESIGN: ARE NOT A PART OF THIS PLAN. CONTRACTOR SHALL COORDINATE WITH THE LOCAL DRY UTILITY COMPANIES TO DETERMINE THE SIZE, DEPTH, LOCATION, FITTINGS AND REQUIRED APPURTENANCES FOR THE DRY UTILITY SERVICE LINES ON THE SITE. REFER TO MECHANICAL AND ELECTRICAL PLANS FOR SERVICE CONNECTIONS.

G. TRENCHING, BORING, AND JACKING: SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST PRINTING AND AMENDMENTS THERE TO, EXCEPT AS MODIFIED OR AMENDED BY THE PROJECT CONTRACT DOCUMENTS. ALL BACKFILL SHALL BE COMPACTED TO A MINIMUM 95% DENSITY PER ASTM D-1557.

H. ALL WATER VALVE BOXES, MANHOLE RINGS & COVERS, AND OTHER SURFACE ITEMS FOR THE UTILITIES SHALL BE ADJUSTED TO FINISHED GRADE.

I. ALL CROSSINGS OF WATER AND SEWER LINES SHALL HAVE 18" MIN CLEARANCE. IF 18" CLEARANCE IS NOT POSSIBLE, BOTH SHALL PIPES BE ENCASED IN CONCRETE.

J. VALVES, METERS, SERVICE LINES, METER AND VALVE BOXES, TAPPING SLEEVES, HYDRANTS, AND OTHER WATER APPURTENANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST PRINTING AND AMENDMENTS THERE TO, EXCEPT AS MODIFIED OR AMENDED BY THE PROJECT CONTRACT DOCUMENTS.

K. WATERLINES LESS THAN 4" DIAMETER SHALL BE COPPER TYPE K MEETING ASTM B 88 REQUIREMENTS. WATERLINES 4" IN DIAMETER OR LARGER SHALL BE PVC PIPE MEETING AWWA C900 DR-18 REQUIREMENTS.

L. ALL FITTINGS AND COUPLINGS FOR WATERLINES LESS THAN 4" IN DIAMETER ARE TO BE COPPER. SOLDER JOINT FITTINGS IN ACCORDANCE WITH ASME 16.18 OR ASME B16.22.

M. ALL FITTINGS AND COUPLINGS FOR WATERLINES 4" IN DIAMETER OR LARGER ARE TO BE MEGA LUG MECHANICAL JOINTS OR ENGINEER APPROVED EQUIVALENT.

N. JOINTS SHALL BE RESTRAINED BY MEGA LUG HARNESSSES, OR ENGINEER APPROVED EQUIVALENT. JOINT RESTRAINTS SHALL BE INSTALLED AT DISTANCES FROM THE FITTINGS AS SHOWN ON THE JOINT RESTRAINT TABLE IN THESE PLANS.

O. BACKFLOW PREVENTERS: SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

P. FIRE LINES: SHALL USE PIPE MATERIALS LISTED AND APPROVED FOR FIRE SERVICE BY UNDERWRITERS LABORATORIES.

Q. FIRE DEPARTMENT CONNECTIONS: SHALL MEET UL 405, NFPA 1963, AND LOCAL FIRE DEPARTMENT REQUIREMENTS.

R. ADJUST WATER AND FIRE LINES TO AVOID FOOTINGS, SEWER LINES, AND OTHER CONDUITS. INSTALL FITTINGS AS NEEDED.

S. SEWER MANHOLES, CLEANOUTS, SEWER SERVICE TAPS, AND OTHER SEWER APPURTENANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST PRINTING AND AMENDMENTS THERE TO, EXCEPT AS MODIFIED OR AMENDED BY THE PROJECT CONTRACT DOCUMENTS.

T. SEWER SERVICE LINES: SHALL BE INSTALLED AT A 2% MINIMUM SLOPE, UNLESS OTHERWISE SPECIFIED ON THE PLANS. THE PIPE SHALL DRAIN AT A CONSTANT SLOPE BETWEEN FITTINGS. THE PIPE SHALL DRAIN TOWARD THE SEWER MAIN AT ALL LOCATIONS.

U. ALL SANITARY SEWER LINE MATERIALS SHALL BE PVC SDR-35 PIPE.

ABBREVIATIONS

| | | | | | |
|-----------|----------------------------|--------|------------------------------|---------|-------------------------------|
| APPROX | APPROXIMATELY | G | GAS | OC | ON CENTER |
| BC | BACK OF CURB | GI | GRATE INLET | R | RADIUS |
| B-B | BACK TO BACK | GM | GAS METER | RET | RETAINING |
| BM | BENCHMARK | HDPE | HIGH DENSITY POLYETHYLENE | RCP | REINFORCED CONCRETE PIPE |
| BW | BOTTOM OF WALL | PIPE | PIPE | ROW | RIGHT-OF-WAY |
| CFS | CUBIC FEET PER SECOND | HDWL | HEADWALL | RT | RIGHT |
| CI | CURB INLET | HORIZ | HORIZONTAL | SF | SQUARE FEET |
| CMP | CORROGATED METAL PIPE | HP | HIGH POINT | SD | STORM DRAIN |
| CO | CLEANOUT | IRR | IRRIGATION | SS, SAS | SANITARY SEWER |
| CONC | CONCRETE | JR | JOINT | STA | STATION |
| CL | CENTER LINE | LF | LINEAR FEET | SY | SQUARE YARD |
| DCO | DOUBLE CLEANOUT | LP | LOW POINT | T | TELEPHONE |
| DIA | DIAMETER | LRW | GRADE AT RET WALL - LOW SIDE | TC | TOP OF CURB |
| DI | DRAIN INLET | LT | LEFT | TG | TOP OF GROUND |
| DIW | DUCTILE IRON PIPE | MH | MANHOLE | TOS | TOE OF SLOPE |
| DW | DOMESTIC WATER | NA, NA | NOT APPLICABLE | TP | TOP OF PAVEMENT |
| ELC | ELEVATION | NG | NATURAL GROUND | TRW | GRADE AT RET WALL - HIGH SIDE |
| ELEC | ELECTRIC | PC | POINT OF CURVATURE | TW | TOP OF WALL |
| EP | EDGE OF PAVEMENT | PCC | POINT OF COMPOUND CURVATURE | TYP | TYPICAL |
| EX, EXIST | EXISTING | PI | POINT OF INTERSECTION | W | WATER |
| FC | FACE OF CURB | PV | POST INDICATOR VALVE | WV | WATER VALVE |
| FDC | FIRE DEPARTMENT CONNECTION | PL | PROPERTY LINE | | |
| FF | FINISHED FLOOR ELEVATION | PP | POWER POLE | | |
| FH | FIRE HYDRANT | PRC | POINT OF REVERSE CURVATURE | | |
| FM | FORCE MAIN | PRV | PRESSURE REDUCING VALVE | | |
| FP | FINISHED PAD ELEVATION | PROP | PROPOSED | | |
| FL | FLOWLINE | PT | POINT OF TANGENCY | | |
| FW | FLOWLINE | PVC | POLYVINYL CHLORIDE PIPE | | |
| | | PVMT | PAVEMENT | | |



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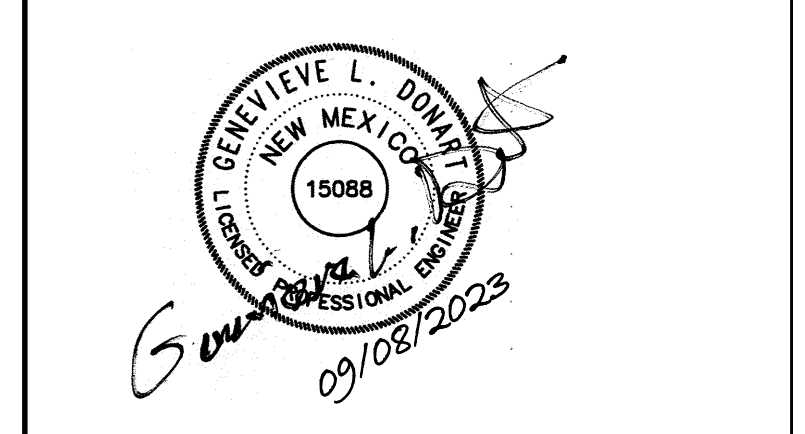
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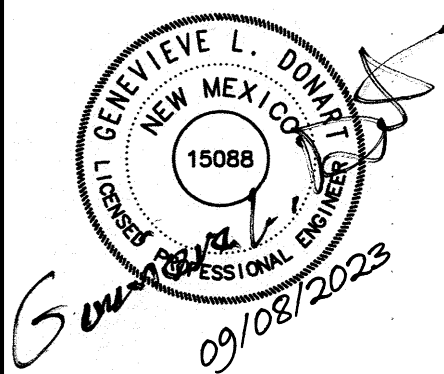
SANTA FE COUNTY -
ABEDON LOPEZ
SENIOR CENTER

155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

| | | |
|-------------------|-----------------------------|-------------|
| No | Date | Description |
| Revision Schedule | | |
| ISSUE: | 100% CONSTRUCTION DOCUMENTS | |
| PROJECT NUMBER: | 2585 | |
| FILE: | UTILITY PLAN | |
| DRAWN BY: | IA | |
| CHECKED BY: | GLD | |
| DATE: | SEPTEMBER 08, 2023 | |

SHEET TITLE
CIVIL GENERAL NOTES

CC-100



ABEDON LOPEZ SENIOR CENTER

CAMINO de QUINTANA
ESPANOLA, NEW MEXICO

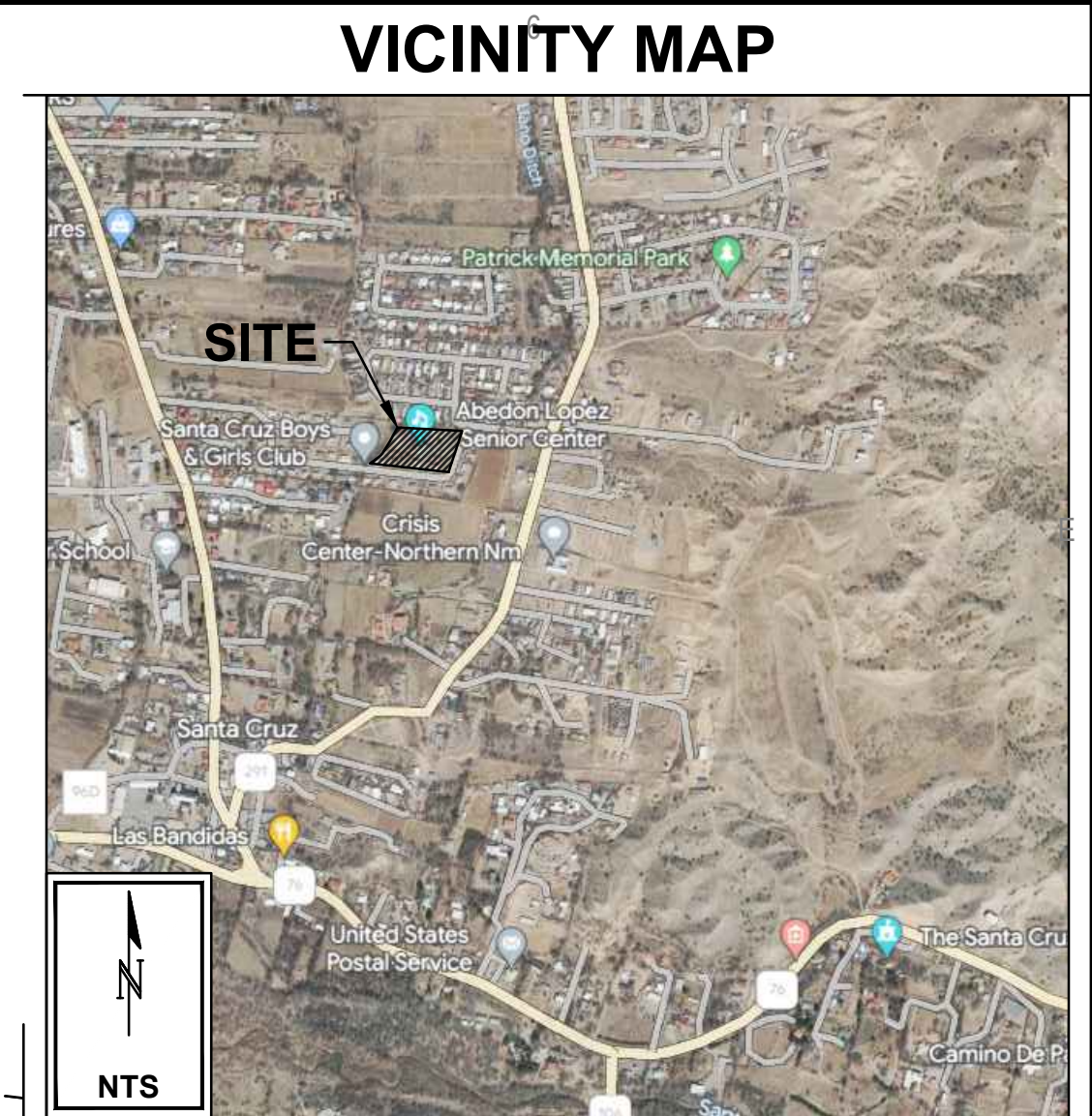
Key Plan



| No | Date | Description |
|-------------------|------|-------------|
| Revision Schedule | | |

ISSUE:
PROJECT NUMBER:
FILE:
DRAWN BY:
CHECKED BY:
DATE:

SHEET TITLE
GRADING & DRAINAGE PLAN



KEYED CONSTRUCTION NOTES

SEE ADA COMPLIANCE NOTES THIS SHEET FOR TARGET SLOPES AND MAXIMUM SLOPES.

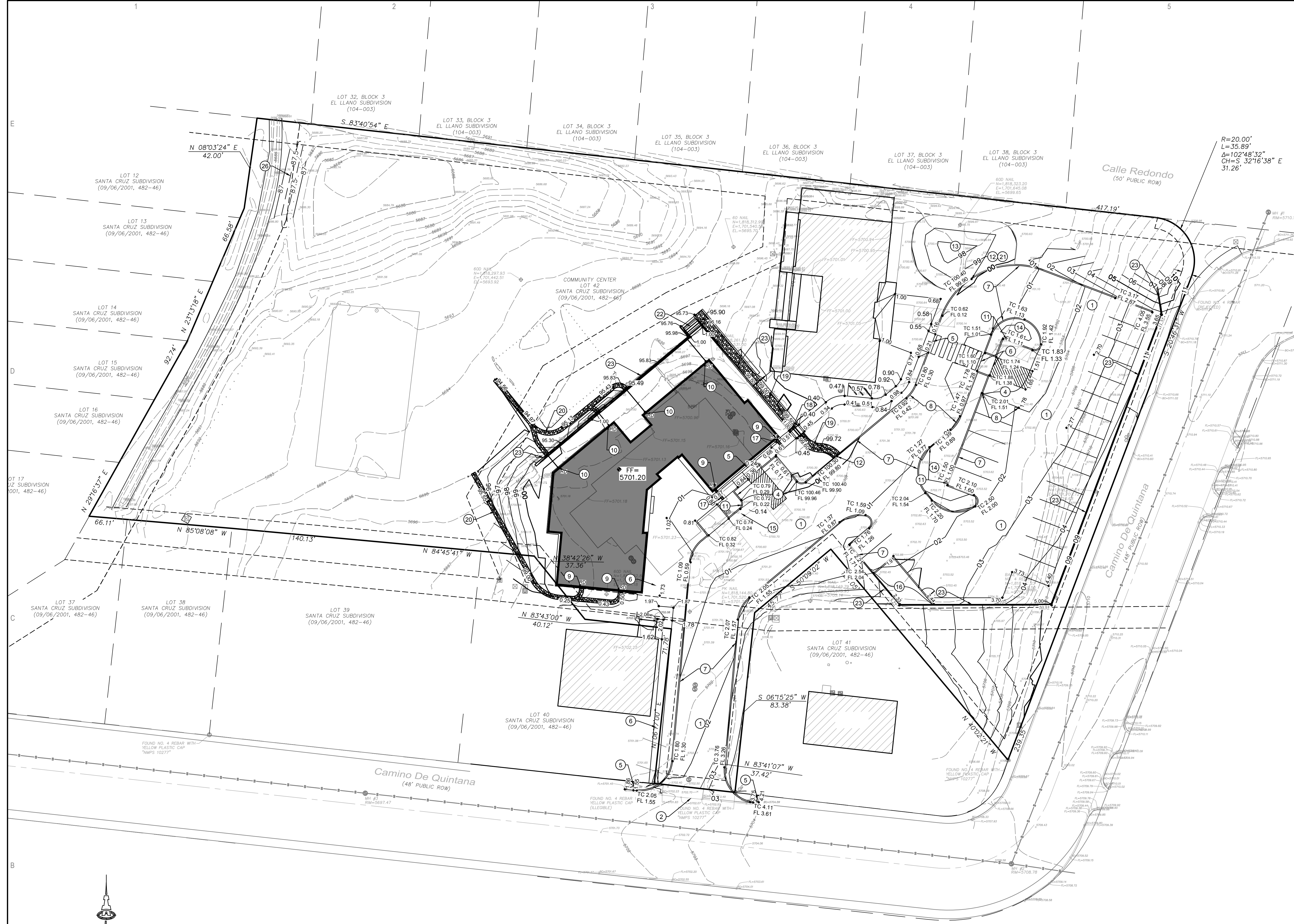
ADA COMPLIANCE:

- SIDEWALK(S):**
LONGITUDINAL SLOPE SHALL NOT EXCEED 20:1 (5%).
TARGET CROSS SLOPE = 1% TO 1.5%.
CROSS SLOPE SHALL NOT EXCEED 2%.
- ACCESSIBLE RAMP(S):**
TARGET LONGITUDINAL SLOPE = 7%
LONGITUDINAL SLOPE SHALL NOT EXCEED 12:1 (8.33%).
TARGET CROSS SLOPE = 1% TO 1.5%.
CROSS SLOPE SHALL NOT EXCEED 2%.
- ACCESSIBLE PARKING:**
TARGET SLOPE = 1% TO 1.5%.
SLOPE SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION

- CONSTRUCT PAVING AT ELEVATIONS SHOWN.
- PROVIDE SMOOTH TRANSITION TO EXISTING PAVEMENT.
- TOP OF ASPHALT TO BE FLUSH WITH TOP OF CONCRETE WALK THIS AREA.
- CONSTRUCT ADA COMPLIANT PARKING SPACES AND ACCESS AISLES AT ELEVATIONS SHOWN.
- CONSTRUCT ADA COMPLIANT CURB RAMP AT ELEVATIONS SHOWN.
- CONSTRUCT ADA COMPLIANT PEDESTRIAN ACCESS WALK AT ELEVATIONS SHOWN.
- 6" HIGH CURB. TYPICAL NOTE: TO ENSURE READABILITY, NOT ALL CURBS ARE LABELED WITH BOTH FLOWLINE AND TOP OF CURB ELEVATION. ALL SPOT ELEVATIONS SHOWN WITHIN GUTTER ARE FLOWLINE ELEVATION. ADD CURB HEIGHT FOR ADJACENT TOP OF CURB ELEVATION.
- HIGH POINT / GRADE BREAK LOCATION.
- CONCENTRATED ROOF DISCHARGE TO UNPAVED AREA. INSTALL PRECAST SPLASHPAD.
- CONCENTRATED ROOF DISCHARGE TO BE PIPED DIRECTLY TO 4" PVC STORM DRAIN. PVC DRAIN TO DISCHARGE AT BASE OF RETAINING WALL TO A PRECAST SPLASHPAD.
- PROVIDE 12" WIDE OPENING IN CURB TO PASS FLOW. SLOPE GUTTER AT 2% MAX. IN DIRECTION OF FLOW (EACH CURB OPENING LOCATION).
- PROVIDE 24" WIDE OPENING IN CURB TO PASS FLOW. SLOPE GUTTER AT 2% MAX. IN DIRECTION OF FLOW (EACH CURB OPENING LOCATION).
- CONSTRUCT 18" DEEP STORMWATER QUALITY RETENTION POND (SWQR) AT ELEVATIONS SHOWN. ALL STORMWATER QUALITY PONDING VOLUMES WILL BE VERIFIED AS PART OF AS-BUILT CERTIFICATION. PONDS WHICH DO NOT PROVIDE THE REQUIRED VOLUME WILL BE CORRECTED AT CONTRACTOR'S EXPENSE. NO WATER HARVESTING SHALL OCCUR WITHIN 10' OF ANY BUILDING.
- CONSTRUCT GRADE WITHIN LANDSCAPE MEDIAN AT LEAST 6" BELOW CURB FLOWLINE FOR STORMWATER QUALITY RETENTION POND.
- GRADE SWALE WITHIN ASPHALT PAVEMENT TO FLOWLINE ELEVATIONS SHOWN. OWNER'S OPTION: CONSTRUCT 2" WIDE CONCRETE ALLEY GUTTER TO DEFINE / PROTECT SWALE FLOWLINE.
- CONCRETE DUMPSTER PAD SLOPED TO 1.5% TYP., 2.0% MAX.
- INSTALL TRENCH DRAIN (ACO K100S KLASSIKDRAIN AND CLASS E GRATE) WITH BUILT-IN SLOPE.
- INSTALL TWO 6" DIA. PVC PIPES UNDER WALK. SLOPE @ 1.5%.
- INSTALL 4" WIDE ROCK-LINED SWALE PER DETAIL ON THIS SHEET. EROSION PROTECTION MUST BE PLACED TO PERMIT STORMWATER TO PASS SMOOTHLY. HAND PLACE AT CURB OPENINGS AND SWALES TO ENSURE RUNOFF CAN BE CAPTURED AND CONVEYED PROPERLY.
- INSTALL 2" WIDE ROCK-LINED SWALE PER DETAIL ON THIS SHEET. EROSION PROTECTION MUST BE PLACED TO PERMIT STORMWATER TO PASS SMOOTHLY. HAND PLACE AT CURB OPENINGS AND SWALES TO ENSURE RUNOFF CAN BE CAPTURED AND CONVEYED PROPERLY.
- INSTALL 1" WIDE X 8" DEEP ROCK EDGE PROTECTION THIS AREA. EROSION PROTECTION MUST BE PLACED TO PERMIT STORMWATER TO PASS SMOOTHLY. HAND PLACE AT CURB OPENINGS AND SWALES TO ENSURE RUNOFF CAN BE CAPTURED AND CONVEYED PROPERLY.
- CONSTRUCT CONCRETE STAIRS / STEPS TO ACHIEVE REQUIRED GRADE DIFFERENCE SHOWN. SEE ARCHITECTURAL FOR DETAILS.
- CONSTRUCT SITE RETAINING WALL(S) TO ACHIEVE GRADE DIFFERENCE SHOWN. RETAINING HEIGHT VARIES. WALL DESIGN TO BE PROVIDED BY WALL CONTRACTOR OR STRUCTURAL ENGINEER TO INCLUDE TOTAL HEIGHT, FOOTING, GUARDRAIL, REINFORCING, WEEPHOLES, ETC.
- BUILDING RETAINING STEMWALL REQUIRED TO ACHIEVE GRADES SHOWN. SEE ARCHITECTURAL / STRUCTURAL PLANS.
- RAISE EXISTING POND OUTLET BY 0.5' PER GRADES SHOWN.

LEGEND

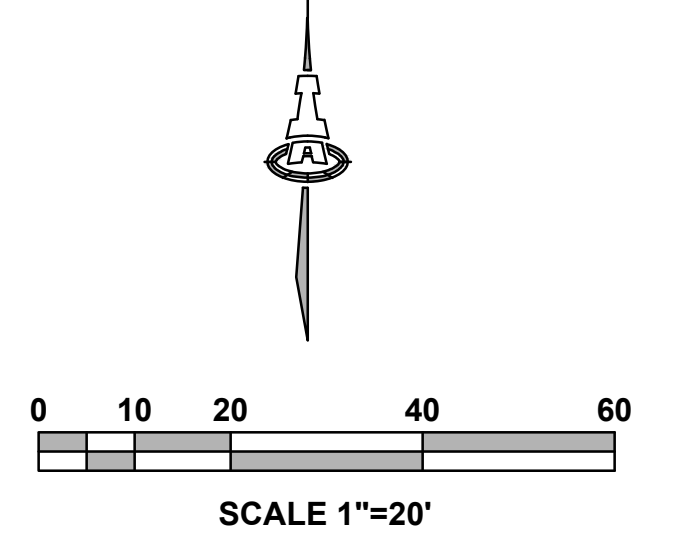
- 4965 — EXISTING CONTOUR
- G=4965.21 EXISTING SPOT ELEVATION
- 05 — PROPOSED 1.0' CONTOUR
- 65.5 --- PROPOSED 0.5' CONTOUR
- ◆ 65.4 PROPOSED SPOT ELEVATION
- FLOW DIRECTION
- FF = 4966.00 FINISH FLOOR ELEVATION
- ==== EXISTING STORM DRAIN / MANHOLE
- ◆--- PROPOSED STORM DRAIN / INLET

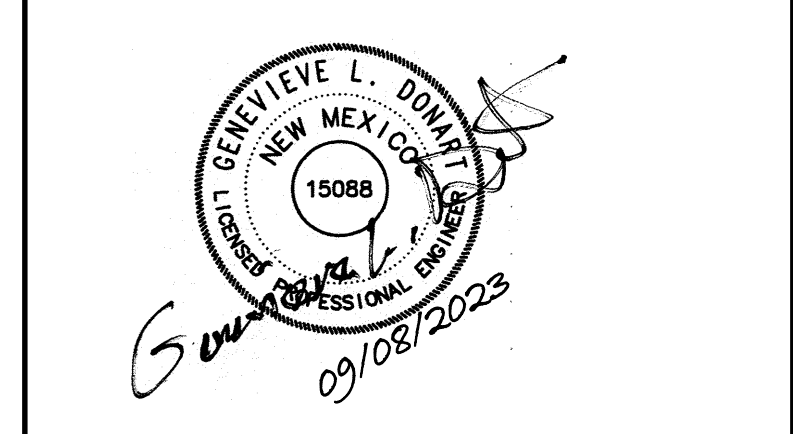


ON LOPEZ COMMUNITY CENTER :

| 1-HOUR CALCULATIONS | | | |
|--|---|----------------------------|-----------------------|
| AREA OF SITE: | 90221.06 | SF | = 2.07 ACRE |
| 100-year, 6-hour DEVELOPED FLOWS: | | | |
| Area A | 18044 | 20% | Area A = 9022 |
| Area B | 44208 | 49% | Area B = 27969 |
| Area C | 18044 | 20% | Area C = 27066 |
| Area D | 9924 | 11% | Area D = 26164 |
| Total Area | 90221 | 100% | Total Area = 90221 |
| EXCESS PRECIP: Precip. Zone 3 | | | |
| Area A | 10% | Area A = 0.67 | E _A = 0.67 |
| Area B | 31% | Area B = 0.86 | E _B = 0.86 |
| Area C | 30% | Area C = 1.09 | E _C = 1.09 |
| Area D | 29% | Area D = 2.58 | E _D = 2.58 |
| Total Area | 100% | Total Area = 5.20 | E _T = 5.20 |
| On-Site Weighted Excess Precipitation (100-Year, 6-Hour Storm) | | | |
| Weighted E | = $\frac{E_A A_A + E_B A_B + E_C A_C + E_D A_D}{A_A + A_B + A_C + A_D}$ | | |
| Historic E | 1.06 in | Developed E | 1.41 in |
| On-Site Volume of Runoff: V ₃₆₀ = E _T * A / 12 | | | |
| Historic V ₃₆₀ | 7948 CF | Developed V ₃₆₀ | 10592 CF |
| On-Site Peak Discharge Rate: Q _p = Q _{sa} A ₁ + Q _{sb} A ₂ + Q _{sc} A ₃ + Q _{sd} A ₄ / 43,560 | | | |
| For Precipitation Zone 3 | | | |
| Q _{sa} | 1.84 | Q _{sc} | 3.17 |
| Q _{sb} | 2.49 | Q _{sd} | 4.49 |
| Historic Q _p | 5.6 CFS | Developed Q _p | 6.6 CFS |

ADDITIONAL VOLUME GENERATED = 10592 CF - 7948 CF = 2643 CF ADDITIONAL VOLUME





**SANTA FE COUNTY -
ABEDON LOPEZ
SENIOR CENTER**

155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

| No | Date | Description |
|-------------------|------|-------------|
| Revision Schedule | | |

| | |
|-----------------|------------------------------------|
| ISSUE: | 100% CONSTRUCTION DOCUMENTS |
| PROJECT NUMBER: | 2585 |
| FILE: | UTILITY PLAN |
| DRAWN BY: | IA |
| CHECKED BY: | GLD |
| DATE: | SEPTEMBER 08, 2023 |

SHEET TITLE
UTILITY PLAN

CU-101

GENERAL NOTES

- A. EXISTING UTILITY LINES ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND MAY BE INCOMPLETE OR OBSOLETE. SUCH LINES MAY OR MAY NOT EXIST WHERE SHOWN OR NOT SHOWN. ALL UTILITIES SHOULD BE FIELD VERIFIED AND LOCATED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES.
- B. CONTRACTOR SHALL NOT USE VIBRATORY COMPACTION EQUIPMENT OR HEAVY VEHICLES OVER EXISTING UTILITIES.
- C. SITE STORM DRAIN, ELECTRIC LINES & TRANSFORMERS AND GAS LINES ARE SHOWN FOR GENERAL INFORMATION ONLY TO PROVIDE AN OVERVIEW OF SITE UTILITIES AND POTENTIAL CONFLICTS. SEE ELECTRICAL AND MECHANICAL SITE PLANS FOR LOCATIONS AND GAS LINE SIZES. SEE CG-101 FOR STORM DRAIN DESIGN.
- D. ALL WATER FITTINGS SHALL HAVE JOINT RESTRAINTS (LT). SEE RESTRAINED JOINT CRITERIA NOTES THIS SHEET. (LT) LENGTH SHOWN ON KEYED NOTES.
- E. ALL ABOVE GROUND UTILITY EQUIPMENT AND FITTINGS SHALL BE PAINTED IN COLORS TO MATCH BUILDING COLORS.
- F. CAP OR PLUG AND REMOVE EXISTING WATER AND SEWER SERVICES THAT WILL NOT BE USED FOR NEW BUILDING.

KEYED NOTES

WATER KEYED NOTES

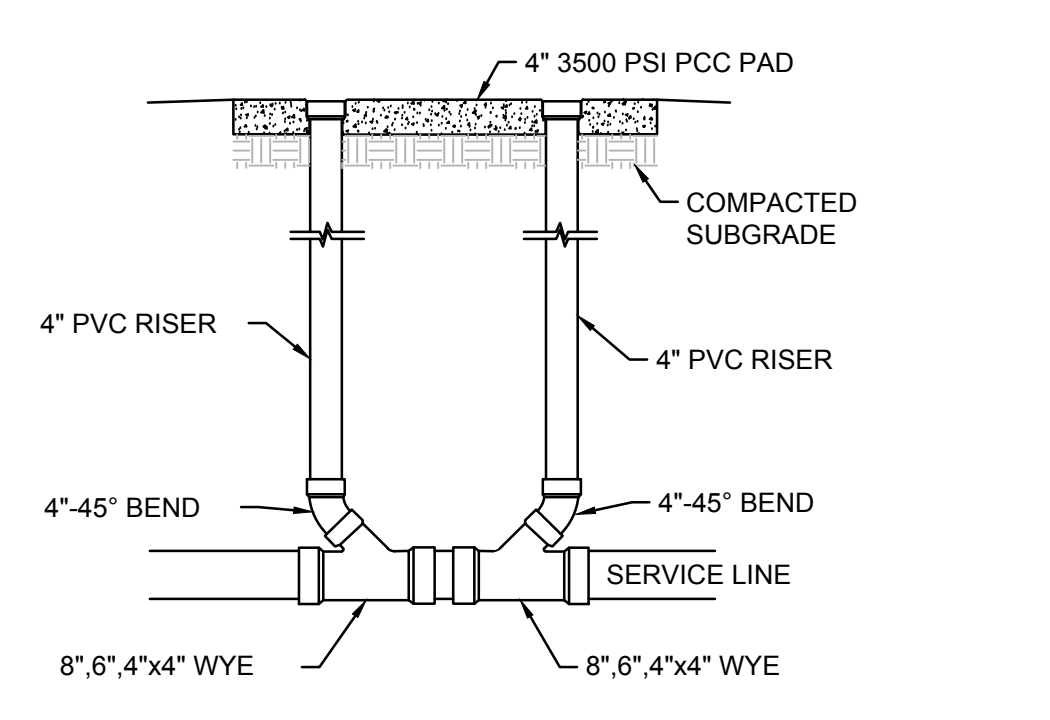
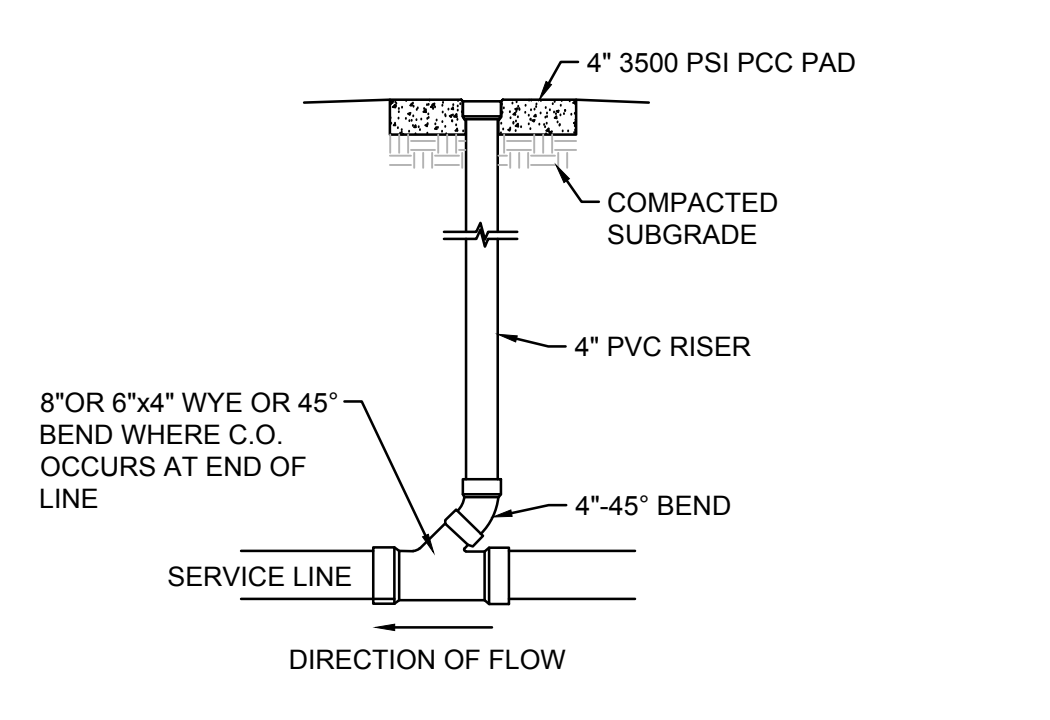
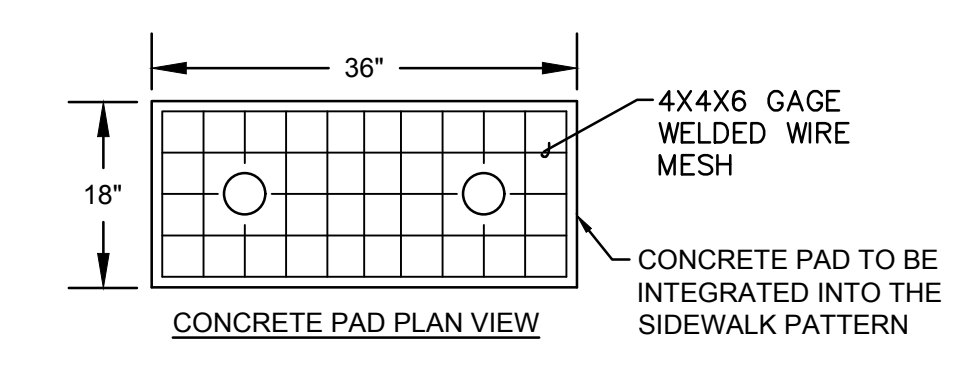
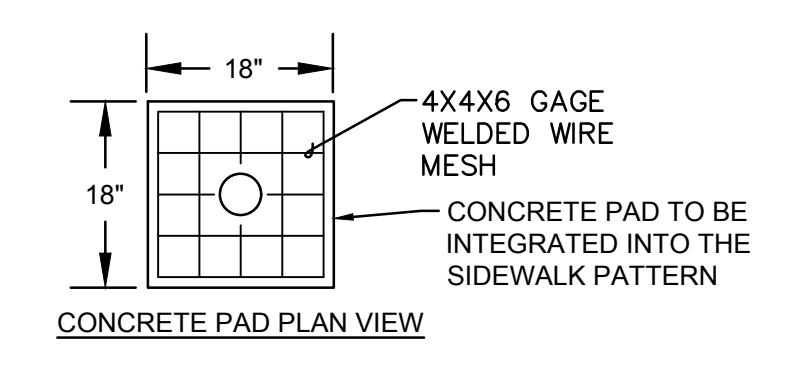
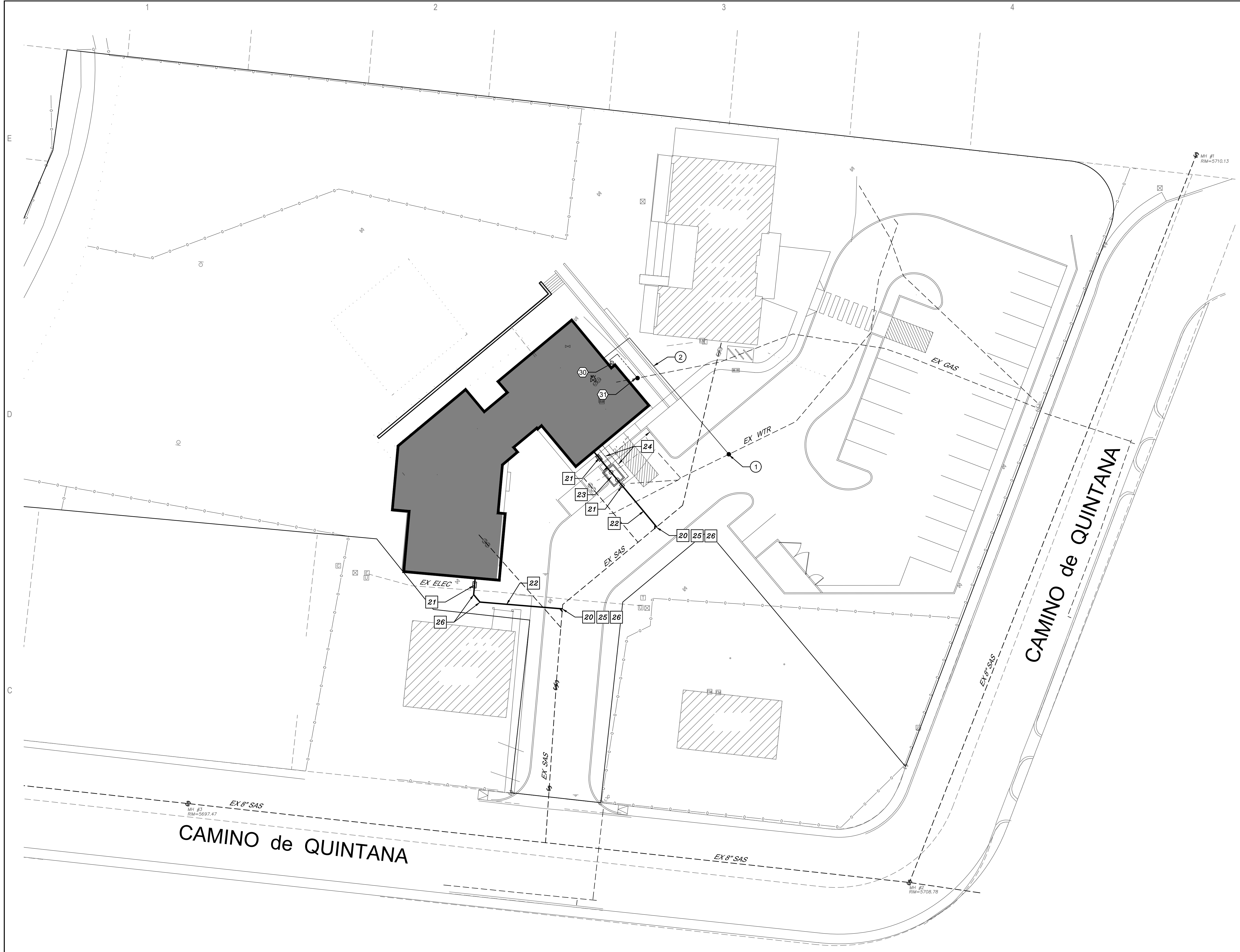
- 1. CONNECT NEW 7" WATER SERVICE TO EXISTING WATER LINE.
- 2. 7" WATER SERVICE LINE.

SEWER

- 20. CONNECT NEW SEWER SERVICE TO EXISTING 6" SANITARY SEWER LINE.
- 21. SANITARY SEWER DOUBLE OR SINGLE CLEANOUT.
- 22. 4" SANITARY SEWER LINE.
- 23. GREASE INTERCEPTOR. SIZE TO BE DETERMINED BY PLUMBING ENGINEER.
- 24. 3" GREASE INTERCEPTOR VENT LINE TO BUILDING.
- 25. 6" X 4" WYE/TEE.
- 26. 4" - 45° BEND.

GAS KEYED NOTES

- 30. GAS METER
- 31. CONNECT NEW GAS LINE TO EXISTING GAS LINE.

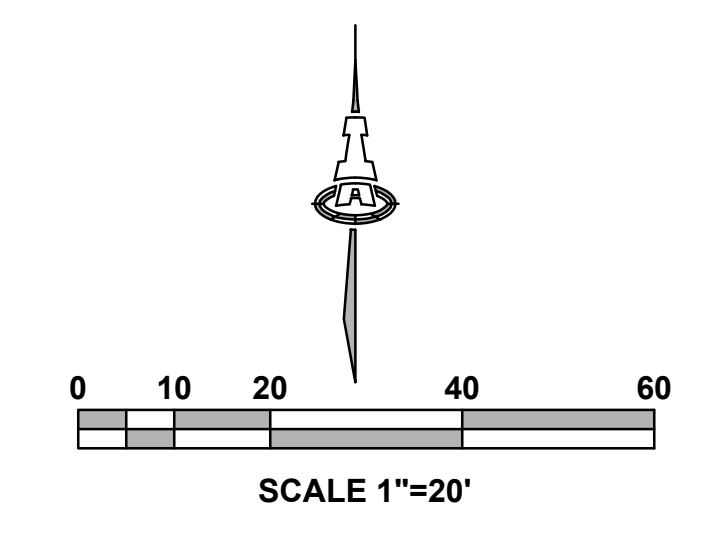


SINGLE CLEANOUT

SCALE: N.T.S.

DOUBLE CLEANOUT

SCALE: N.T.S.





2023.09.21 08:26:06:007

**SANTA FE COUNTY -
ABEDON LOPEZ SENIOR
CENTER**

155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

| No | Date | Description |
|-------------------|--------------------------------|-----------------------------|
| Revision Schedule | | |
| ISSUE: | 2303 | 100% CONSTRUCTION DOCUMENTS |
| FILE: | SFC Abedon Lopez Senior Center | |
| PROJECT NUMBER: | PS | |
| DRAWN BY: | LA | |
| CHECKED BY: | LA | |
| DATE: | SEPT. 20, 2023 | |

SHEET TITLE
**ARCHITECTURAL
DEMOLITION SITE PLAN**

AD101

DEMOLITION KEYED NOTES

- EXISTING SIDEWALK TO REMAIN.
- EXISTING LANDSCAPE TO REMAIN.
- EXISTING ASPHALT TO REMAIN.
- EXISTING CHAINLINK PERIMETER FENCE TO REMAIN.
- EXISTING BUILDING (BOYS AND GIRLS CLUB) TO REMAIN.
- EXISTING BUILDING (HUD HOUSE) TO REMAIN.
- EXISTING PORCH TO REMAIN.
- EXISTING ELECTRICAL TRANSFORMER AND UTILITY BOX TO REMAIN.
- EXISTING UTILITIES TO REMAIN.
- EXISTING UTILITY EASEMENT TO REMAIN. PRIOR TO WORK BEING PERFORMED IN OR ADJACENT TO EASEMENT, THE CONTRACTOR TO VERIFY EXACT UTILITY LOCATIONS.
- EXISTING PLAYGROUND EQUIPMENT TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.
- EXISTING BASKETBALL COURT TO REMAIN.
- EXISTING LANDSCAPE PLANTER TO REMAIN. PROTECT DURING DEMOLITION AND CONSTRUCTION.
- EXISTING TREE TO REMAIN.
- REMOVE THE SENIOR CENTER IN ITS ENTIRETY WITH THE EXCEPTION OF THE ENTRY CMU WALL WITH PLASTER ART MURALS CONTRACTOR TO PROTECT, SECURE AND MAINTAIN CONDITION OF ENTRY CMU WALL AND MURALS DURING DEMOLITION. CONTRACTOR TO EXPLORE BEST PRACTICE IN HOW PROTECT AND PRESERVE WALL AND MURALS FOR FUTURE RELOCATION IN THE PROJECT.
- REMOVE EXISTING PLANTINGS.
- REMOVE EXISTING LANDSCAPE.
- REMOVE EXISTING CONCRETE CURB AND GUTTER, CONCRETE SIDEWALK, CONCRETE PATIO, CONCRETE PAVING. REMOVE ALL METAL REINFORCEMENTS EMBEDDED IN CONCRETE.
- REMOVE EXISTING ASPHALT.
- REMOVE EXISTING PORCH OR CANOPY.
- REMOVE AND/OR RELOCATE EXISTING UTILITIES. COORDINATE WITH CIVIL. REFER TO STRUCTURE DEMOLITION NOTES FOR REMOVAL OF UTILITIES.
- REMOVE EXISTING SLOPE AS REQUIRED TO EXTEND PARKING LOT.
- REMOVE EXISTING CMU RETAINING WALL IN ITS ENTIRETY.
- REMOVE EXISTING SECTION OF CHAINLINK PERIMETER FENCE.
- REMOVE EXISTING RAILROAD TIE.
- REMOVE ENTRY GATE.
- REMOVE EXISTING WOOD FENCE.
- REMOVE EXISTING SIGNAGE.

PROJECT SCOPE

THIS PROJECT INCLUDES THE COMPLETE REMOVAL OF THE EXISTING ABEDON LOPEZ SENIOR CENTER BUILDING (THE SHARED PARKING LOT BETWEEN THE SENIOR CENTER AND THE BOYS AND GIRLS CLUB, AND PARTIAL REMOVAL OF EXISTING ON-SITE TOPOGRAPHY. THE EXISTING BUILDING IS LOCATED AT 155A CAMINO DE QUINTANA, SANTA CRUZ, NM 87567. THE ENCLOSED SPACE IS APPROXIMATELY 3,600 SQ.FT. WITH ENTRY CANOPY NORTH AND SOUTH OF THE BUILDING. THE EXISTING SHARED PARKING LOT AND DRIVE IS APPROXIMATELY 13,800 SQ.FT.

REMOVAL INCLUDES THE DEMOLITION OF EVERY ITEM, SYSTEM, AND COMPONENT ASSOCIATED WITH THE BUILDING FROM THE FOUNDATION, TO THE ROOF. ALL STRUCTURAL ELEMENTS, ALL MECHANICAL, ELECTRICAL, AND PLUMBING ELEMENTS AND ALL ARCHITECTURAL ELEMENTS SHALL BE REMOVED. ONE EXCEPTION FOR DEMOLITION IS AN EXISTING CMU WALL WITH PLASTER ART MURALS DIRECTLY APPLIED TO THE WALLS. DURING DEMOLITION, PRESERVE AND PROTECT WALLS AND ART FOR FUTURE RELOCATION. THIS PROJECT SELECTS PRESERVE AND PROTECT WALLS AND ART FOR FUTURE RELOCATION FROM THE SITE COMPLETE CLEARING AND GRUBBING TO 12" BELOW GRADE. SELECT UTILITIES SHALL BE REMOVED AND NEW GRADES AND EXISTING PERIMETER FENCING IDENTIFIED ON THE SITE DEMOLITION PLAN SHALL BE REMOVED. THE EXISTING RETAINING WALLS NORTHWEST OF THE BUILDING ARE TO BE REMOVED. THE CONTRACTOR SHALL PROVIDE CLEAN BACKFILL AND GRADING TO MATCH NEW GRADES AND EXISTING PERIMETER FENCING AND ALIGNED PROPERTY GRADES. COORDINATE WITH GEO-TECHNICAL REPORT. NO SALVAGE EXCEPT WALLS AND MURALS HAVE BEEN REQUESTED BY THE OWNER/CLIENT.

GENERAL DEMOLITION NOTES

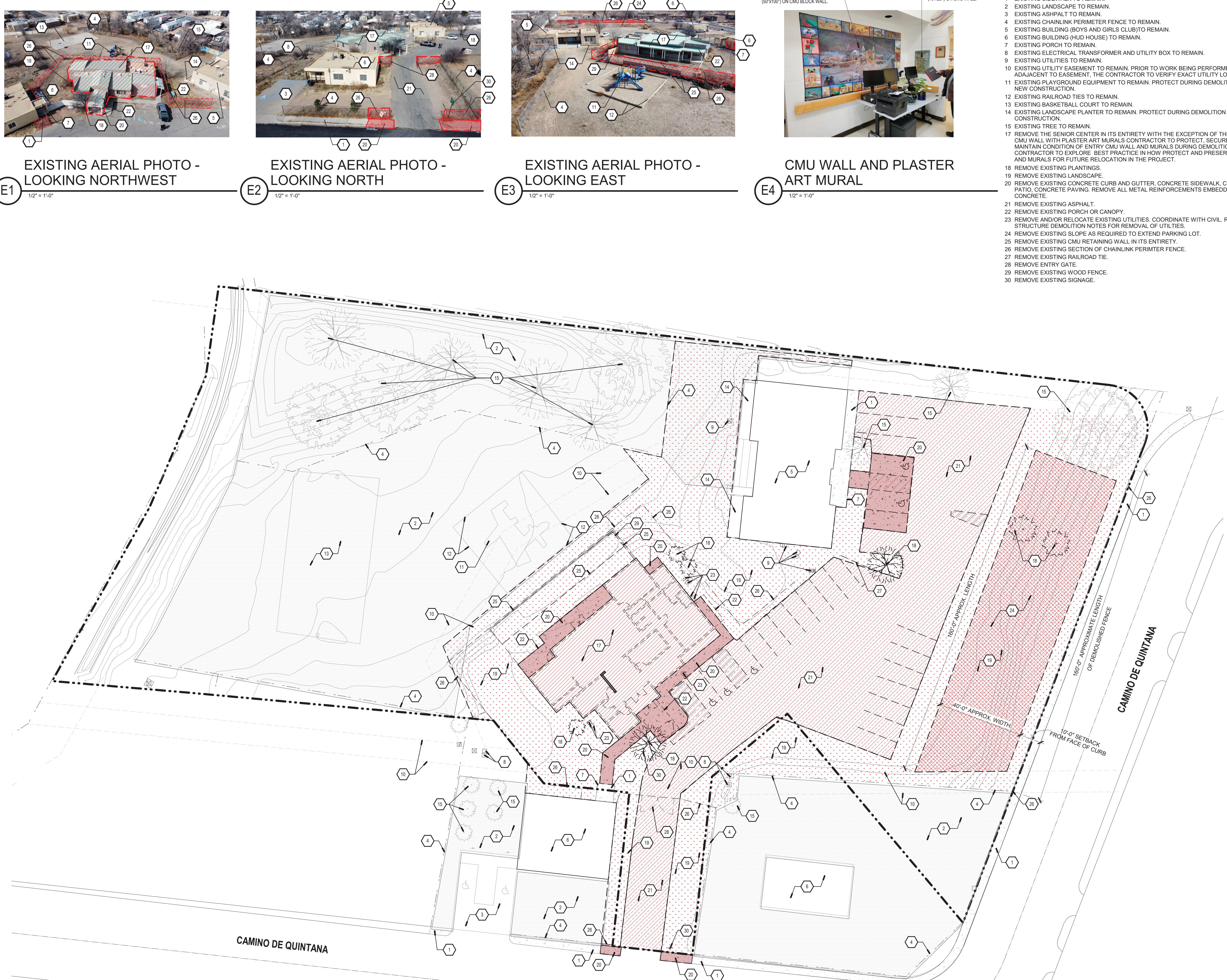
- FIELD VERIFY ALL DIMENSIONS. ALL DIMENSIONS INDICATED ON THE DEMOLITION PLAN ARE FROM FACE OF WORK OR CMU.
- ALL PERSONNEL PERFORMING THE WORK SHALL BE FULLY TRAINED, EXPERIENCED AND QUALIFIED. TO THE WORK AND SHALL BE ADEQUATELY INSTRUCTED AND SUPERVISED TO INSURE THAT ALL PARTS AND FEATURES OF THE BUILDING THAT ARE TO BE REMOVED ARE PROTECTED FROM DAMAGE DURING THE DEMOLITION OPERATIONS AND MAINTAINED IN THEIR CURRENT CONDITION OR STATE. SUPERVISORY PERSONNEL SHALL BE PRESENT AT ALL TIMES WHEN WORK IS IN PROGRESS.
- PRIOR TO COMMENCING THE DEMOLITION WORK THE CONTRACTOR SHALL HOLD A PRECONSTRUCTION CONFERENCE AT THE PROJECT SITE. ALL KEY PERSONNEL THAT WILL BE INVOLVED IN THE WORK, INCLUDING SUPERVISORY PERSONS, ARCHITECT AND OWNER'S REPRESENTATIVE SHALL ATTEND THE CONFERENCE. THE AGENDA FOR THE PRECONSTRUCTION CONFERENCE SHALL INCLUDE A REVIEW OF THE SCOPE OF THE PROJECT, AND SPECIAL CONDITIONS AND PROCEDURES INVOLVED IN THE WORK.
- THE MARKING, IDENTIFICATION, OR CATALOGING OF ANY ITEMS OR MATERIALS EXCEPT THOSE DESIGNATED FOR DEMOLITION, SHALL UTILIZE TEMPORARY MEANS OF IDENTIFICATION THAT ARE INCONSPICUOUS AND THAT DO NOT DAMAGE, MAR OR OTHERWISE ALTER THE APPEARANCE OR FINISH OF SUCH ITEMS OR MATERIALS.
- THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO PROTECT FROM DAMAGE WORK THAT IS TO REMAIN IN PLACE.
- PRIOR TO COMMENCING THE WORK, THE CONTRACTOR SHALL IDENTIFY AND DOCUMENT EXISTING CONDITIONS, INCLUDING CONDITIONS OF ADJOINING CONSTRUCTION TO REMAIN IN PLACE, WHICH MAY BE MISCONTROLLED AS DAMAGE CAUSED BY THE OPERATIONS OF THIS PROJECT. SUBMIT THIS INFORMATION TO THE ARCHITECT BEFORE THE WORK BEGINS.
- IN THE EVENT OF DAMAGE TO ANY ITEM THAT IS TO REMAIN IN PLACE THE CONTRACTOR SHALL REPAIR AND RESTORE DAMAGED ITEM TO ITS ORIGINAL CONDITION.
- IN THE EVENT THAT PROTECTIVE MEASURES INCLUDE TEMPORARY REMOVAL OF ITEMS OR MATERIALS THAT ARE TO REMAIN, EMPLOY METHODS WHICH WILL PREVENT DAMAGE TO SUCH ITEMS OR MATERIALS DURING THEIR REMOVAL, STORAGE AND REINSTALLATION. CLEARLY IDENTIFY ALL PARTS IN SUCH A MANNER THAT THEY CAN BE INSTALLED IN THEIR ORIGINAL LOCATION AND ORIENTATION.
- IN THE EVENT THAT THE CONTRACTOR PROPOSES PROCEDURES OTHER THAN THOSE DESCRIBED FOR THE WORK, THE CONTRACTOR SHALL PROVIDE A DESCRIPTION OF SUCH PROCEDURES AND PROCEDURES FOR REVIEW AND APPROVAL BY THE ARCHITECT PRIOR TO PRECEEDING WITH THAT PORTION OF THE WORK.
- COMPLY WITH THE FOLLOWING PROCEDURES WHILE PERFORMING WORK WITH HEAT-GENERATING EQUIPMENT, INCLUDING WELDING, CUTTING, SOLDERING, BRAZING, PAINT REMOVAL WITH HEAT, AND OTHER OPERATIONS THAT USE OPEN FLAMES OR ELEMENTS UTILIZING HEAT ARE USED:
 - OBTAIN OWNERS APPROVAL FOR OPERATIONS INVOLVING USE OF OPEN-FLAME OR WELDING EQUIPMENT.
 - NOTIFICATION SHALL BE GIVEN FOR EACH OCCURENCE AND LOCATION OF WORK WITH HEAT-GENERATING EQUIPMENT.
 - AS FAR AS PRACTICAL, USE HEAT-GENERATING EQUIPMENT IN SHOP AREAS OR OUTSIDE THE BUILDING.
 - BEFORE WORK WITH HEAT-GENERATING EQUIPMENT COMMENCES FURNISH PERSONNEL TO SERVE AS A FIRE WATER (OR WATCHES) FOR LOCATIONS WHERE WORK IS TO BE PERFORMED.
 - DO NOT PERFORM WORK WITH HEAT-GENERATING EQUIPMENT IN OR NEAR ROOMS OR IN AREAS WHERE FLAMMABLE LIQUIDS OR EXPLOSIVE VAPORS ARE PRESENT OR THOUGHT TO BE PRESENT. USE A COMBUSTIBLE GAS INDICATOR TEST TO ENSURE THAT THE AREA IS SAFE.
 - REMOVE AND KEEP THE AREA FREE OF COMBUSTIBLES, INCLUDING RUBBISH, PAPER WASTE, ETC. WITHIN THE AREA OF OPERATIONS.
 - IN COMBUSTIBLE MATERIAL CANNOT BE REMOVED, PROVIDE FIREPROOF BLANKETS TO COVER SUCH MATERIAL.
 - WHERE POSSIBLE, FURNISH AND USE BARRIERS OF METAL OR GYPSUM BOARD TO PREVENT THE SPRAYING OF SPARKS OR HOT SLAB INTO SURROUNDING COMBUSTIBLE MATERIAL.
 - PREVENT THE EXTENSION OF SPARKS AND PARTICLES OF HOT METAL THROUGH OPEN WINDOWS, DOORS, HOLES AND CRACKS IN FLOORS, WALL CEILING, ROOFS AND OTHER OPENINGS.
 - INSPECT EACH LOCATION OF THE DAYS WORK NOT SOONER THAN 30 MINUTES AFTER COMPLETION OF OPERATIONS TO DETECT HIDDEN OR SMOLDERING FIRES AND TO ENSURE THAT PROPER HOUSEKEEPING IS MAINTAINED.
- INSPECT THE LOCATION OF WORK AT THE COMPLETION OF OPERATIONS EACH DAY.
- SMOKING BY PERSONNEL PERFORMING WORK IN OR NEAR THE PROJECT STRUCTURE IS STRICTLY PROHIBITED.
- STORAGE OF DEMOLISHED MATERIALS OFF-SITE ADJACENT TO THE PROPERTY IS PROHIBITED.
- SEE SPECIFICATION SECTION Q2 4116 FOR ADDITIONAL SELECTIVE DEMOLITION REQUIREMENTS.

STRUCTURAL DEMOLITION NOTES

- DEMOLITION WORK SHALL COMPLY WITH ANSI A10.8 AND NEPA 24.1
- ALL WORK SHALL COMPLY WITH APPLICABLE CODES AND REGULATIONS. HAZARDOUS WASTE SHALL BE HANDLED AND DISPOSED OF IN ACCORDANCE WITH HAZARDOUS MATERIALS REGULATIONS. REPORTS REGARDING THE PRESENCE OF HAZARDOUS MATERIALS ARE ON FILE AT THE OFFICE OF THE ARCHITECT AND ARE AVAILABLE FOR REVIEW AND USE BY THE CONTRACTOR. THE CONTRACTOR SHALL EXAMINE THE REPORTS AND THE SITE CONDITIONS PRIOR TO COMMENCING THE WORK.
- ALL DEMOLITION WORK SHALL BE PERFORMED BY PERSONS EXPERIENCE IN DEMOLITION WORK SIMILAR IN NATURE AND EXTEND TO THAT REQUIRED BY THIS PROJECT.
- DO NOT OBSTRUCT PUBLIC WAYS ADJACENT TO THE PROJECT WITHOUT WRITTEN AUTHORIZATION FROM AUTHORITIES HAVING JURISDICTION. ERECT TEMPORARY BARRIERS, PASSAGEWAYS, OR OTHER PROTECTION AS REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES AND AS REQUIRED BY JURISDICTIONAL AUTHORITIES.
- PROTECT EXISTING STREWORK AND EXISTING BUILDING EXTERIOR CONDITIONS AND FEATURES. PROVIDE AND MAINTAIN SHORING, BRACING OR STRUCTURAL SUPPORT TO PRESERVE THE STABILITY AND INTEGRITY OF THE EXISTING CONSTRUCTION TO REMAIN AND NECESSARY TO PREVENT THE UNPLANNED COLLAPSE OF THE MATERIALS OF CONSTRUCTION BEING DEMOLISHED.
- IN THE EVENT THAT UNANTICIPATED CONDITIONS ARE ENCOUNTERED, INCLUDING MECHANICAL, ELECTRICAL OR STRUCTURAL ELEMENTS THAT CONFLICT WITH THE INTENT OF THE DEMOLITION DRAWINGS, REPORT SUCH CONDITIONS TO THE ARCHITECT AND DO NOT PROCEED WITH THE AFFECTED WORK UNITS AUTHORIZED BY THE ARCHITECT.
- ITEMS TO BE REMOVED SHALL BE DETACHED FROM THE EXISTING CONSTRUCTION EMPLOYING CUTTING AND REMOVAL METHODS THAT ARE LEAST LIKELY TO DAMAGE ADJACENT CONSTRUCTION WHICH IS TO REMAIN.
- REMOVED ITEMS SHALL BE DISPOSED OF LEGALLY OFF-SITE UNLESS DESIGNATED TO BE SALVAGED OR REMOVED AND STORED.
- ITEMS DESIGNATED TO BE SALVAGED SHALL BE DETACHED FROM THE EXISTING CONSTRUCTION AND DELIVERED TO THE OWNER REPRESENTATIVE. THE OWNER REPRESENTATIVE IS ENTITLED TO SALVAGE AND/OR REMOVE EQUIPMENT, HARDWARE, FIXTURES AND FURNISHINGS FROM ALL AREAS OF THIS CONTRACT PRIOR TO DEMOLITION.
- SHUT OFF ALL UTILITIES TO THE BUILDING FOR DEMOLITION OPERATIONS. CAP, VALVE, PLUG, OR SEAL ENDS OF PIPING AND CONDUIT AS REQUIRED TO BE CUT-OFF OR DISCONNECTED BY THE DEMOLITION WORK.
- POST WARNING SIGNS AND LABELS AS REQUIRED BY 29 CFR 1910.1001 ASTM E 848
- SEE SPECIFICATION SECTION Q2 4116 FOR ADDITIONAL STRUCTURE DEMOLITION REQUIREMENTS

LEGEND

- EXISTING CONSTRUCTION / SITE TO REMAIN
- - - EXISTING CONSTRUCTION TO BE REMOVED
- ▨ BUILDING DEMOLITION - APPROX. 3,600 SQ.FT.
- ▩ CONCRETE DEMOLITION - APPROX. 2,160 SQ.FT.
- ▧ LANDSCAPE DEMOLITION - APPROX. 22,800 SQ.FT.
- ▦ ASPHALT DEMOLITION - APPROX. 13,800 SQ.FT.
- ▤ SLOPE AREA REMOVAL
- ▥ LANDSCAPE TO REMAIN
- - - PROPERTY LINE
- - - EASEMENT
- - - FENCE TO REMAIN



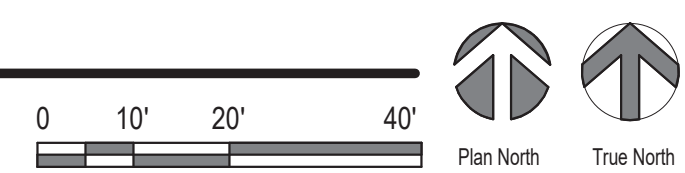
E1 EXISTING AERIAL PHOTO -
LOOKING NORTHWEST
1/2" = 1'-0"

E2 EXISTING AERIAL PHOTO -
LOOKING NORTH
1/2" = 1'-0"

E3 EXISTING AERIAL PHOTO -
LOOKING EAST
1/2" = 1'-0"

E4 CMU WALL AND PLASTER
ART MURAL
1/2" = 1'-0"

A1 ARCHITECTURAL DEMOLITION SITE PLAN
1" = 20'-0"



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GENERAL NOTES

- A. COORDINATE WITH CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL & PLUMBING.
- B. SUBMIT SAMPLES OF ALL GRAVEL AND GROUND COVER FOR ARCHITECTS TO REVIEW.
- C. NEW PLANTING AND IRRIGATION PLAN TO BE COORDINATED WITH SANTA FE COUNTY REQUIREMENTS.
- D. COORDINATE GRADING AND DRAINAGE WITH CIVIL ENGINEER.
- E. REFER TO AS102 FOR PARKING LOT DIMENSIONS.
- F. NEW SITE LIGHTING TO BE COORDINATED WITH SANTA FE COUNTY REQUIREMENTS.

KEYED NOTES

- 1 EXISTING CONCRETE PAVING / SIDEWALK TO REMAIN.
- 2 EXISTING ASPHALT PAVING TO REMAIN
- 3 EXISTING BOYS AND GIRLS CLUB. NOT IN SCOPE OF WORK
- 4 EXISTING HUD HOUSING TO REMAIN
- 5 EXISTING LANDSCAPE TO REMAIN
- 6 EXISTING TREES / PLANTING TO REMAIN
- 7 EXISTING FENCE TO REMAIN
- 8 EXISTING PLAYGROUND EQUIPMENT TO REMAIN. NOT IN SCOPE OF WORK
- 9 NEW SENIOR CENTER BUILDING REFER TO A-101
- 10 NEW TREES, PLANTING AND IRRIGATION, TYPICAL
- 11 NEW CONCRETE PAVING
- 12 NEW CONCRETE SIDEWALK, SEE CIVIL
- 13 PAINTED CROSSWALK
- 14 NEW RETAINING WALL, SEE STRUCTURAL
- 15 CAST-IN-PLACE CONCRETE BENCH - SEE 32 3300
- 16 LANDSCAPING AREA
- 17 NEW SECTION OF FENCE, TIE INTO EXISTING FENCE WHERE POSSIBLE
- 18 LINE OF PORTAL ABOVE. REFER TO A-121
- 19 PARKING STRIP, TYPICAL
- 20 NEW ASPHALT PAVING, TYPICAL
- 21 NEW CURB AND GUTTER, SEE CIVIL
- 22 "ACEQUIA" / DRAINAGE SWALE
- 23 METAL GRATE, REFER TO CIVIL
- 24 TRASH ENCLOSURE
- 25 BICYCLE RACK - SEE 32 3300
- 26 FUTURE COVERED PARKING WITH SOLAR ARRAY
- 27 FUTURE EV CONTRACTOR TO PROVIDE INFRASTRUCTURE
- 28 ADA PARKING SIGN
- 29 EXISTING ELECTRICAL TRANSFORMER AND UTILITY BOX TO REMAIN.
- 30 POLE LIGHTING
- 31 SANITARY CLEANOUT
- 32 GREASE INTERCEPTOR

LEGEND

- EXISTING CONSTRUCTION / SITE TO REMAIN
- PROPERTY LINE
- FENCE TO REMAIN
- NEW FENCE
- EASEMENT
- BUILDING FOOTPRINT
- NEW ASPHALT PAVING
- GRAVEL / LANDSCAPE 01
- GRAVEL / LANDSCAPE 02
- ANGULAR COBBLE / ACEQUIA LANDSCAPE
- EXISTING LANDSCAPE TO REMAIN
- NEW CONCRETE / SIDEWALK
- EXISTING CONCRETE / SIDEWALK TO REMAIN
- ADA SIGN REFER TO AS105



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Architect Engineer



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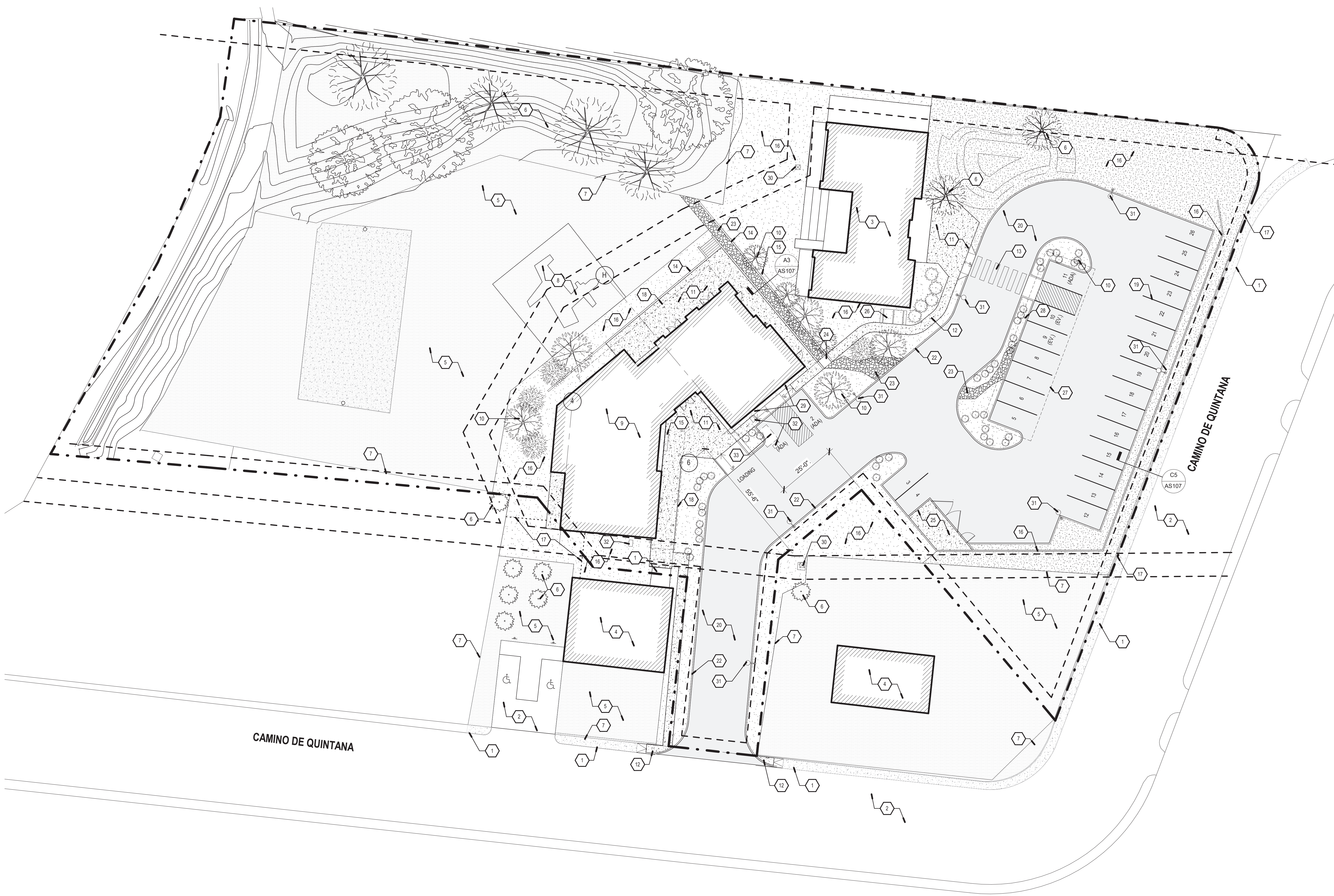
SANTA FE COUNTY -
ABEDON LOPEZ SENIOR
CENTER

155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

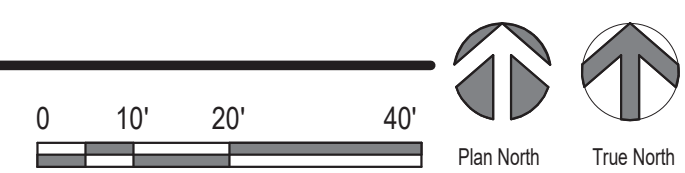
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| Revision Schedule | | |
| ISSUE: | 100% CONSTRUCTION DOCUMENTS | |
| PROJECT NUMBER: | 2303 | |
| FILE: | SFC Abedon Lopez Senior Center | |
| DRAWN BY: | PS | |
| CHECKED BY: | LA | |
| DATE: | SEPT. 20, 2023 | |

SHEET TITLE
ARCHITECTURAL SITE
PLAN

AS101

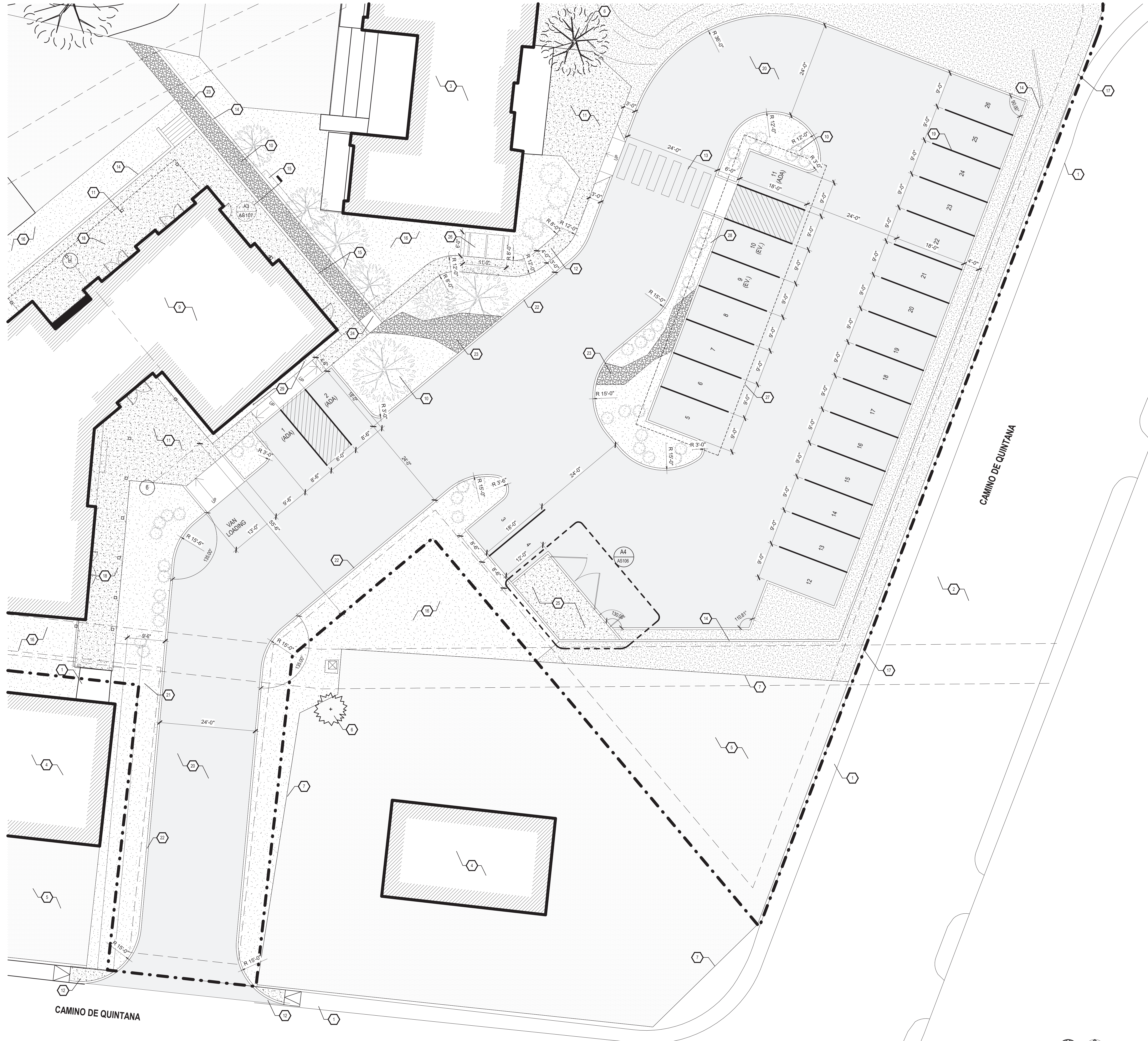


A1 ARCHITECTURAL SITE PLAN
1" = 20'-0"



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GENERAL NOTES

- A. COORDINATE WITH MECHANICAL, ELECTRICAL & PLUMBING.
- B. SUBMIT SAMPLES OF ALL GRAVEL AND GROUND COVER FOR ARCHITECTS TO REVIEW.
- C. NEW PLANTING AND IRRIGATION PLAN TO BE COORDINATED WITH SANTA FE COUNTY REQUIREMENTS.
- D. COORDINATE GRADING AND DRAINAGE WITH CIVIL ENGINEER.
- E. REFER TO AS101 FOR OVERALL SITE PLAN INFORMATION.

KEYED NOTES

- 1 EXISTING CONCRETE PAVING / SIDEWALK TO REMAIN.
- 2 EXISTING ASPHALT PAVING TO REMAIN
- 3 EXISTING BOYS AND GIRLS CLUB. NOT IN SCOPE OF WORK
- 4 EXISTING HUD HOUSING TO REMAIN
- 5 EXISTING LANDSCAPE TO REMAIN
- 6 EXISTING TREES / PLANTING TO REMAIN
- 7 EXISTING FENCE TO REMAIN
- 8 EXISTING PLAYGROUND EQUIPMENT TO REMAIN. NOT IN SCOPE OF WORK
- 9 NEW SENIOR CENTER BUILDING REFER TO A-101
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- 13 PAINTED CROSSWALK
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- 15 CAST-IN-PLACE CONCRETE BENCH - SEE 32 3300
- 16 LANDSCAPING AREA
- 17 NEW SECTION OF FENCE, TIE INTO EXISTING FENCE WHERE POSSIBLE
- 18 LINE OF PORTAL ABOVE. REFER TO A-121
- 19 PARKING STRIP, TYPICAL
- 20 NEW ASPHALT PAVING, TYPICAL
- 22 NEW CURB AND GUTTER, SEE CIVIL
- 23 "ACEQUIA" / DRAINAGE SWALE
- 24 METAL GRATE, REFER TO CIVIL
- 25 TRASH ENCLOSURE
- 26 BICYCLE RACK - SEE 32 3300
- 27 FUTURE COVERED PARKING WITH SOLAR ARRAY
- 28 FUTURE EV. CONTRACTOR TO PROVIDE INFRASTRUCTURE
- 29 ADA PARKING SIGN
- 30 EXISTING ELECTRICAL TRANSFORMER AND UTILITY BOX TO REMAIN.
- 31 POLE LIGHTING
- 32 SANITARY CLEANOUT
- 33 GREASE INTERCEPTOR

LEGEND

- EXISTING CONSTRUCTION / SITE TO REMAIN
- PROPERTY LINE
- FENCE TO REMAIN
- NEW FENCE
- EASEMENT
- BUILDING FOOTPRINT
- NEW ASPHALT PAVING
- GRAVEL / LANDSCAPE 01
- GRAVEL / LANDSCAPE 02
- ANGULAR COBBLE / ACEQUIA LANDSCAPE
- EXISTING LANDSCAPE TO REMAIN
- NEW CONCRETE / SIDEWALK
- EXISTING CONCRETE / SIDEWALK TO REMAIN
- ADA SIGN REFER TO AS105

PARKING DATA

ABEDON LOPEZ SENIOR CENTER - PARKING REQUIREMENTS

| | |
|--|-------------------------------------|
| NEW SENIOR CENTER | 5,000 sq.ft. |
| (1) PARKING SPOT PER EMPLOYEE | 2 SPOTS REQUIRED |
| (1) PARKING SPOT PER 300 sq.ft. | 5,000 / 300 = 17 SPOTS REQUIRED |
| ADA PARKING SPOTS | 2 SPACES AVAILABLE |
| (8) SLOT BICYCLE RACK | 1 PROVIDED (SHARED WITH B & G CLUB) |
| PASSENGER DROP-OFF AREA | 1 AREA PROVIDED |
| TOTAL SENIOR CENTER PARKING SPOTS | 19 |

BOYS AND GIRLS CLUB - PARKING REQUIREMENTS

| | |
|--|---------------------------------|
| EXISTING BUILDING | 2,800 sq.ft. |
| (1) PARKING SPOT PER EMPLOYEE | 2 SPOTS REQUIRED |
| (1) PARKING SPOT PER 300 sq.ft. | 2,800 / 300 = 10 SPOTS REQUIRED |
| ADA PARKING SPOTS | 1 SPACES AVAILABLE |
| PASSENGER DROP-OFF AREA | 1 AREA PROVIDED |
| TOTAL BOYS & GIRLS CLUB PARKING | 12 |

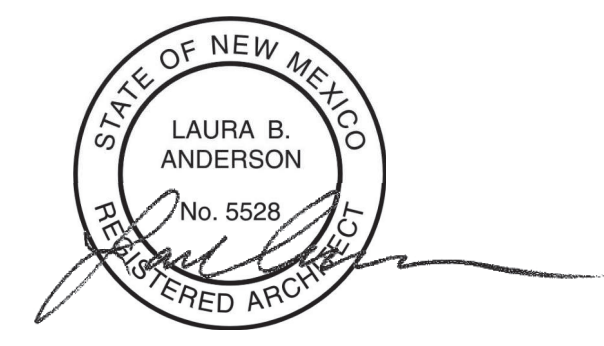


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| | |
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| Architect | Engineer |
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SANTA FE COUNTY - ABEDON LOPEZ SENIOR CENTER

155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

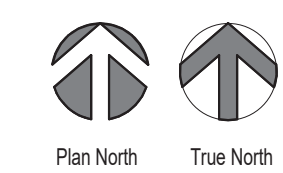
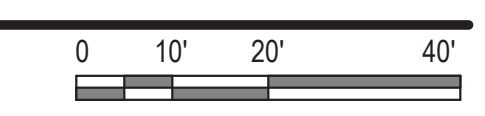
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| Revision Schedule | | |
| ISSUE: | 100% CONSTRUCTION DOCUMENTS | |
| PROJECT NUMBER: | 2303 | |
| FILE: | SFC Abdon Lopez Senior Center | |
| DRAWN BY: | PS | |
| CHECKED BY: | LA | |
| DATE: | SEPT. 20, 2023 | |

SHEET TITLE
ENLARGED SITE
DIMENSION PLAN

AS102

A1 ARCHITECTURAL SITE PLAN

1" = 10'-0"



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GENERAL NOTES

- A. CONTRACTOR SHALL COORDINATE ALL SHEETS WITH MECHANICAL, ELECTRICAL, & PLUMBING.
- B. UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO FACE OF STUD.
- C. REFER TO A-001 FOR PARTITION TYPES.
- D. REFER TO A-111 FOR GLAZING ELEVATIONS ABOVE 6'-0".
- E. REFER TO ENLARGED PLANS FOR WALL TYPES AND DIMENSIONS WITHIN DETAILED AREAS.
- F. REFER TO A-001 FOR DOOR SCHEDULE, FRAME TYPES AND GLAZING ELEVATIONS.
- G. REFER TO ARCHITECTURAL SITE PLAN SHEETS FOR INFORMATION PERTAINING TO SITE WALLS, STAIRS, CURBS AND PAVING, ETC.
- H. PROVIDE GLASS FIBER BLANKET INSULATION, REINFORCED FOIL FACED AT ALL EXPOSED AND CONCEALED LOCATIONS.

KEYED NOTES

- 1 EXISTING HUD HOUSE AND PORTAL TO REMAIN.
- 2 LINE OF PORTAL ABOVE. REFER TO A-121
- 3 WOOD COLUMN TYP. SEE STRUCTURAL.
- 4 EXTERIOR SOFFIT OVERHEAD. REFER TO A-111



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CONSULTANTS

Architect Engineer



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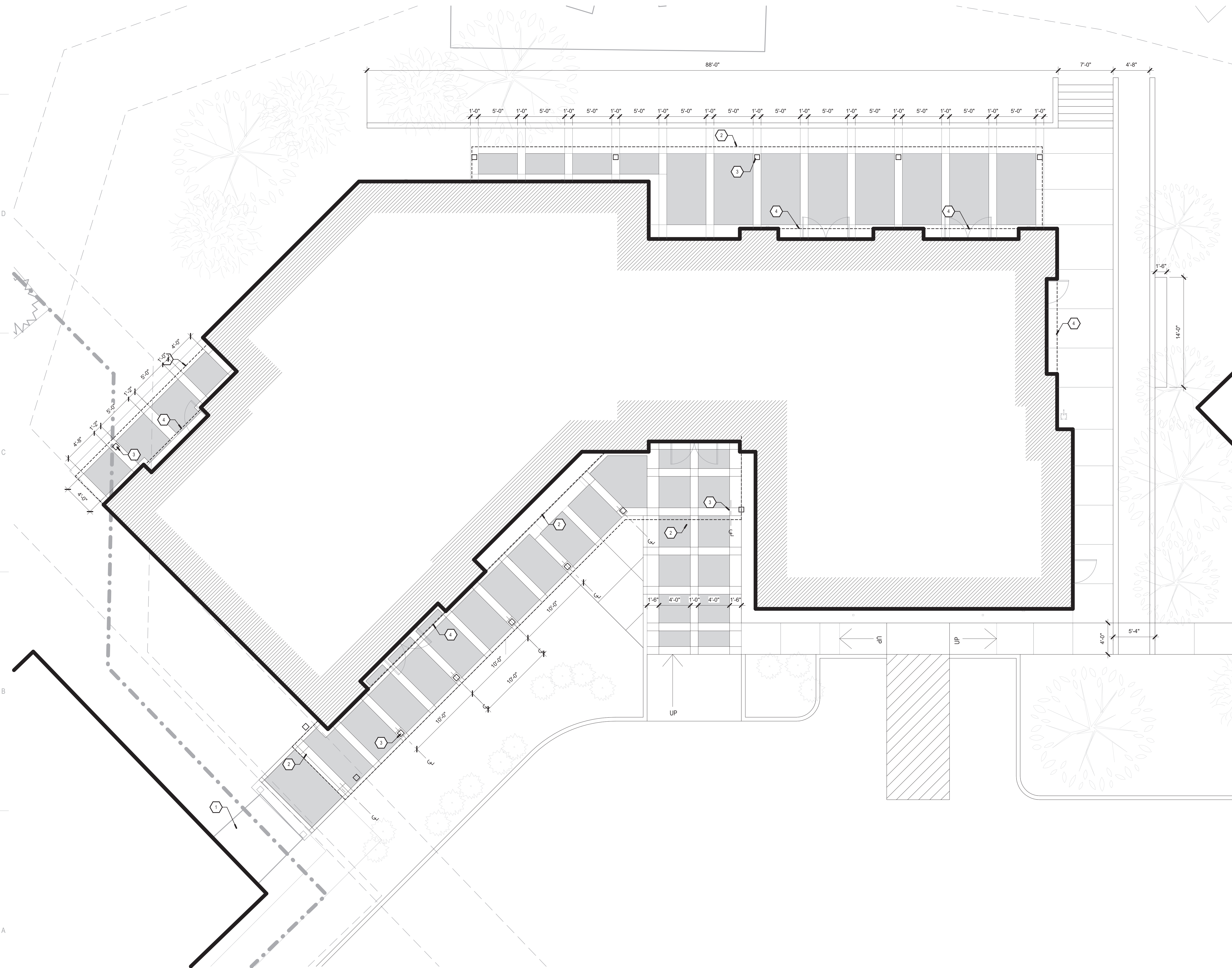
SANTA FE COUNTY -
ABEDON LOPEZ SENIOR
CENTER

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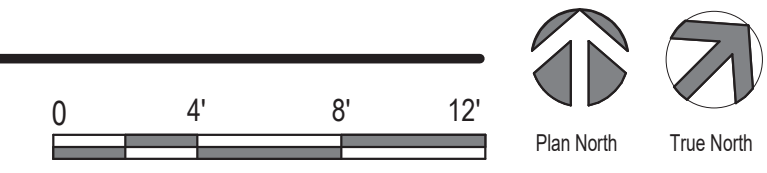
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| DRAWN BY: | PS | |
| CHECKED BY: | LA | |
| DATE: | SEPT. 20, 2023 | |

SHEET TITLE
ENLARGED PAVING PLAN

AS103



A1 ENLARGED SITE PLAN
3/16" = 1'-0"



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GENERAL NOTES

- A. COORDINATE WITH MECHANICAL, ELECTRICAL & PLUMBING.
- B. SUBMIT SAMPLES OF ALL GRAVEL AND GROUNDCOVER FOR ARCHITECTS TO REVIEW.
- C. NEW PLANTING AND IRRIGATION PLAN TO BE COORDINATED WITH SANTA FE COUNTY REQUIREMENTS.
- D. COORDINATE GRADING AND DRAINAGE WITH CIVIL ENGINEER.
- E. REFER TO AS-102 FOR PARKING LOT DIMENSIONS.

KEYED NOTES

- 1 BANCO SEATING WITH WOOD CAP.



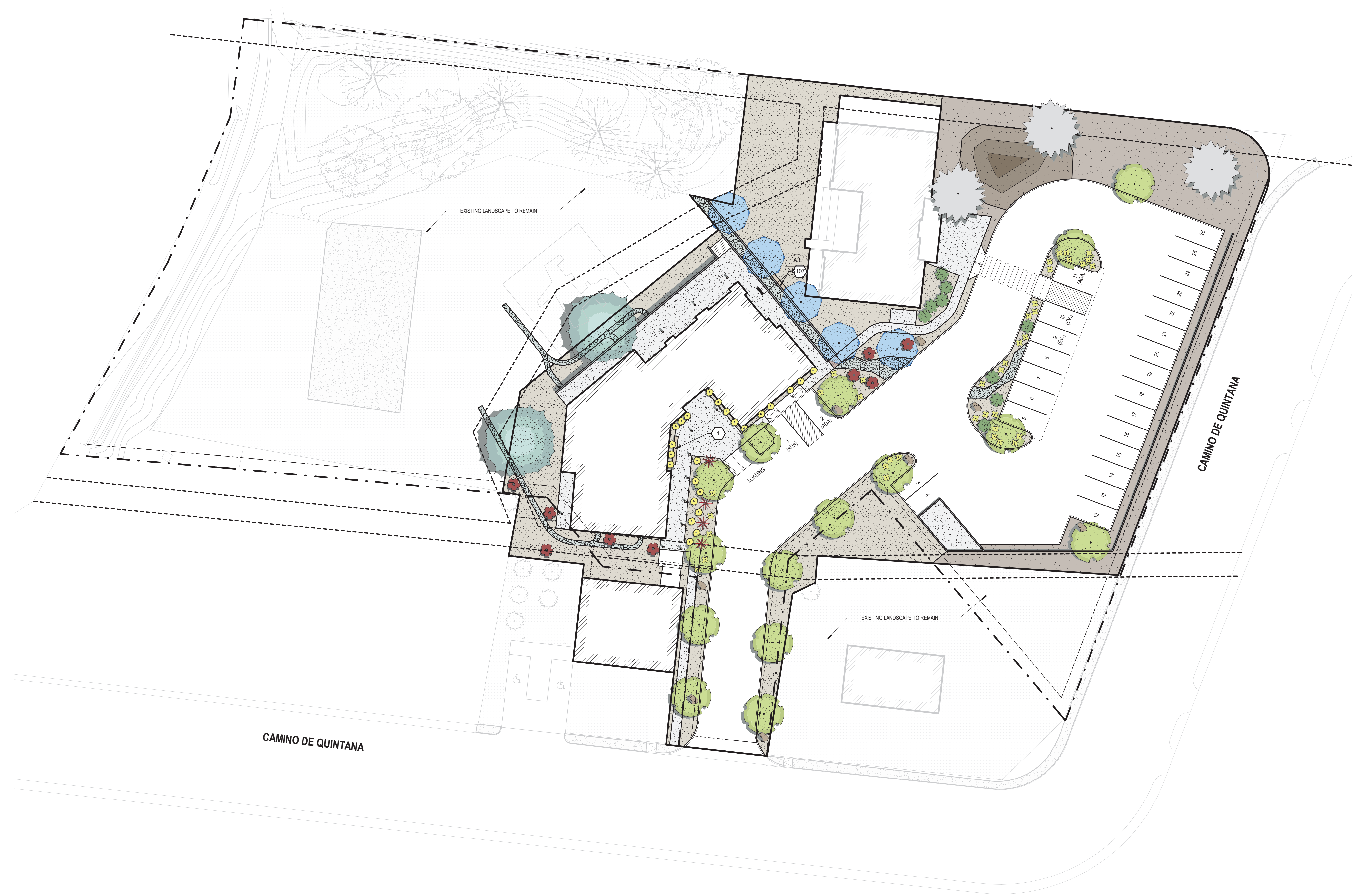
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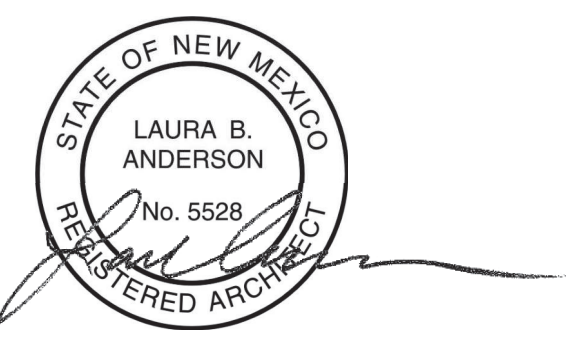
LEGEND

- EXISTING CONSTRUCTION / SITE TO REMAIN
- PROPERTY LINE
- FENCE TO REMAIN
- NEW FENCE
- EASEMENT
- BUILDING FOOTPRINT
- GRAVEL / LANDSCAPE 01
- GRAVEL / LANDSCAPE 02
- ANGULAR COBBLE / ACEQUIA LANDSCAPE
- EXISTING LANDSCAPE TO REMAIN
- NEW CONCRETE / SIDEWALK
- EXISTING CONCRETE / SIDEWALK TO REMAIN
- ADA SIGN REFER TO AS105
- ELM
- ASH
- HONEY LOCUST
- EXISTING TREE TO REMAIN
- BUSH
- GRASS
- ROCK
- OUTDOOR BANCO
- CUAVERT
- BIKE RACKS



Architect

Engineer



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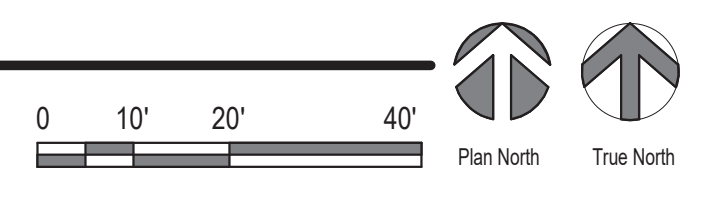
SANTA FE COUNTY -
ABEDON LOPEZ SENIOR
CENTER

155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

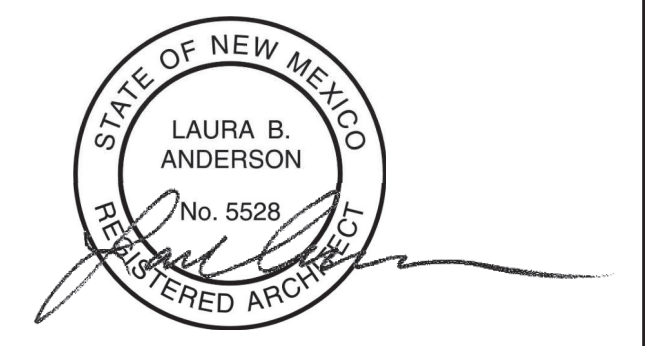
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| PROJECT NUMBER: 2303 | | |
| FILE: SFC Abedon Lopez Senior Center | | |
| DRAWN BY: PS | | |
| CHECKED BY: LA | | |
| DATE: SEPT. 20, 2023 | | |

SHEET TITLE
CONCEPTUAL
LANDSCAPE PLAN

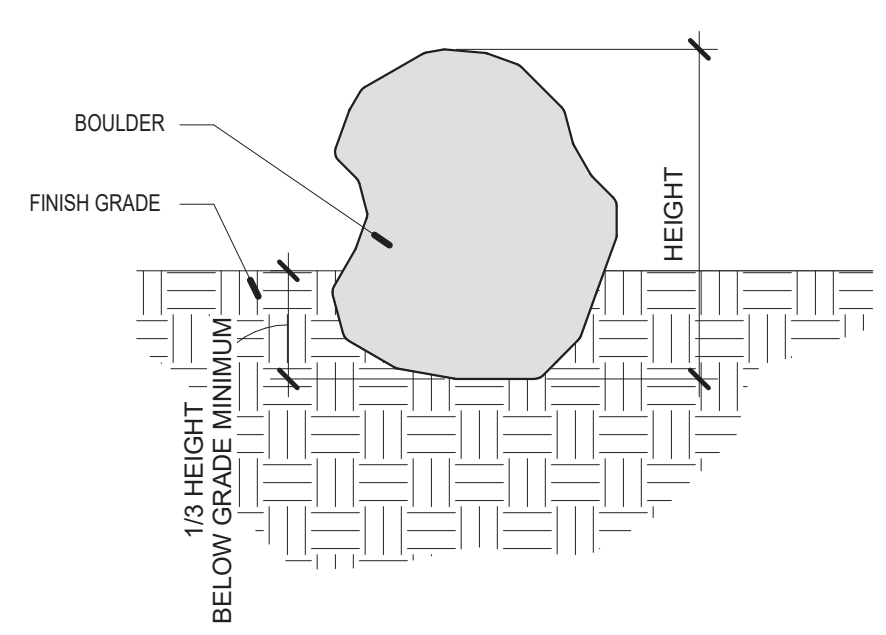
A1 CONCEPTUAL LANDSCAPE PLAN
1" = 20'-0"



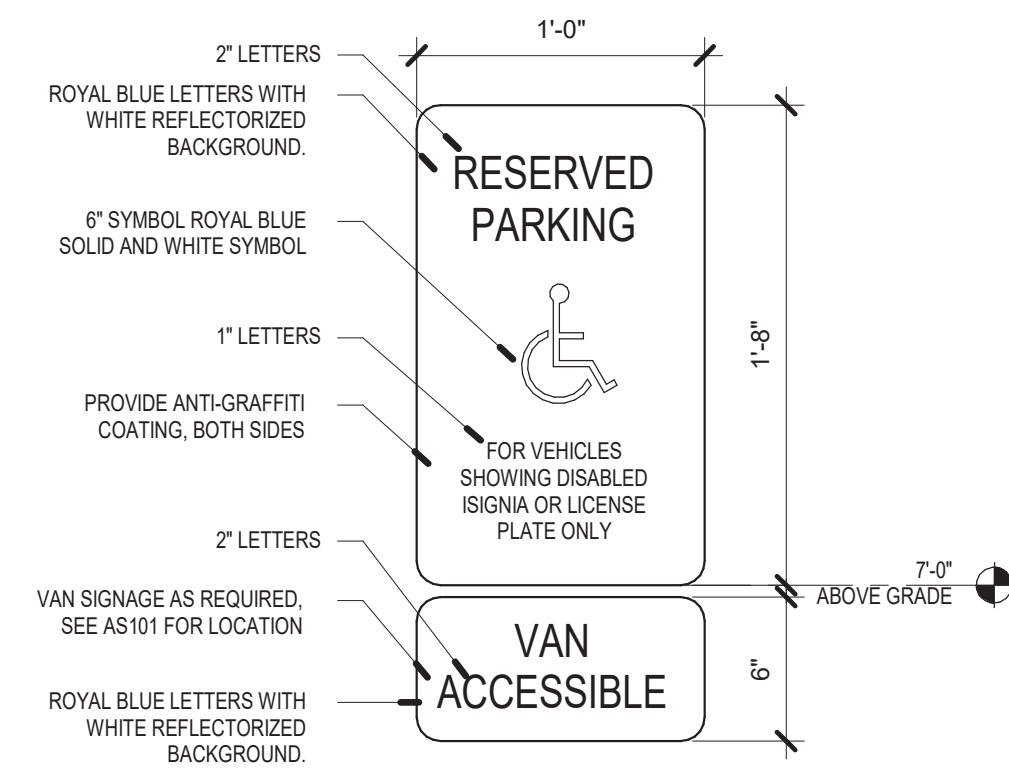
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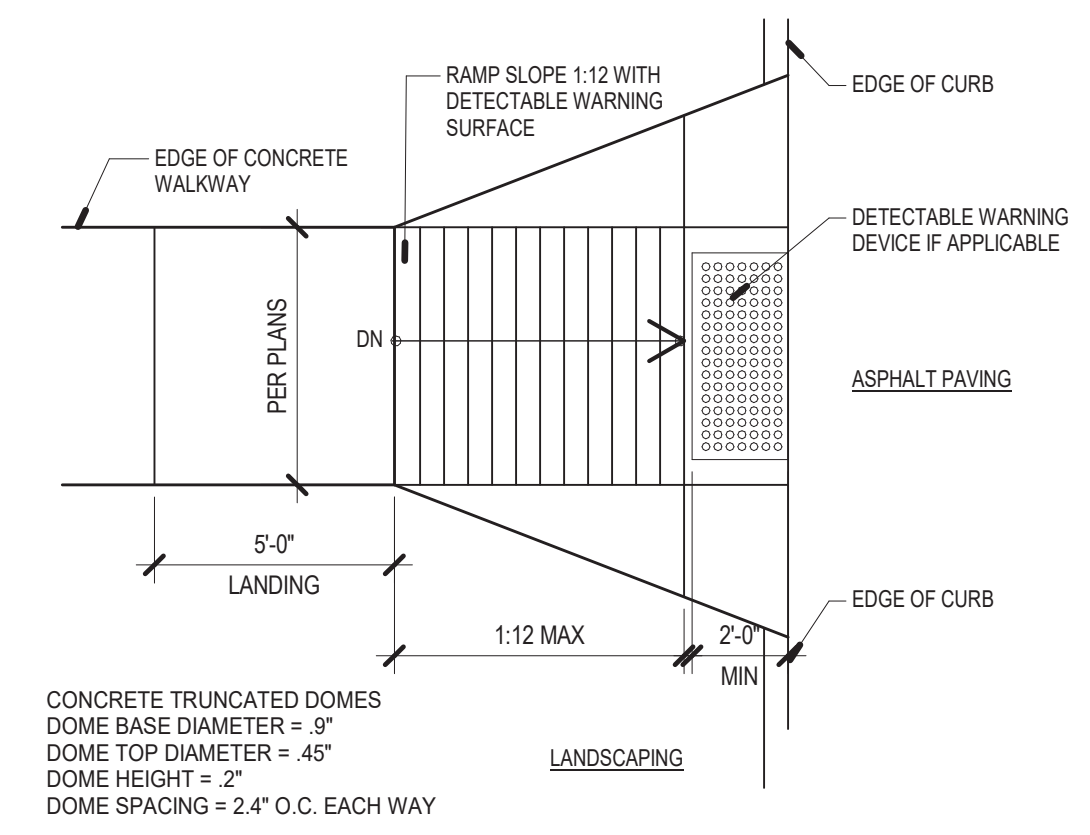
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| Revision Schedule | | |
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| PROJECT NUMBER: 2303 | | |
| FILE: SFC Abdon Lopez Senior Center | | |
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| DATE: SEPT. 20, 2023 | | |



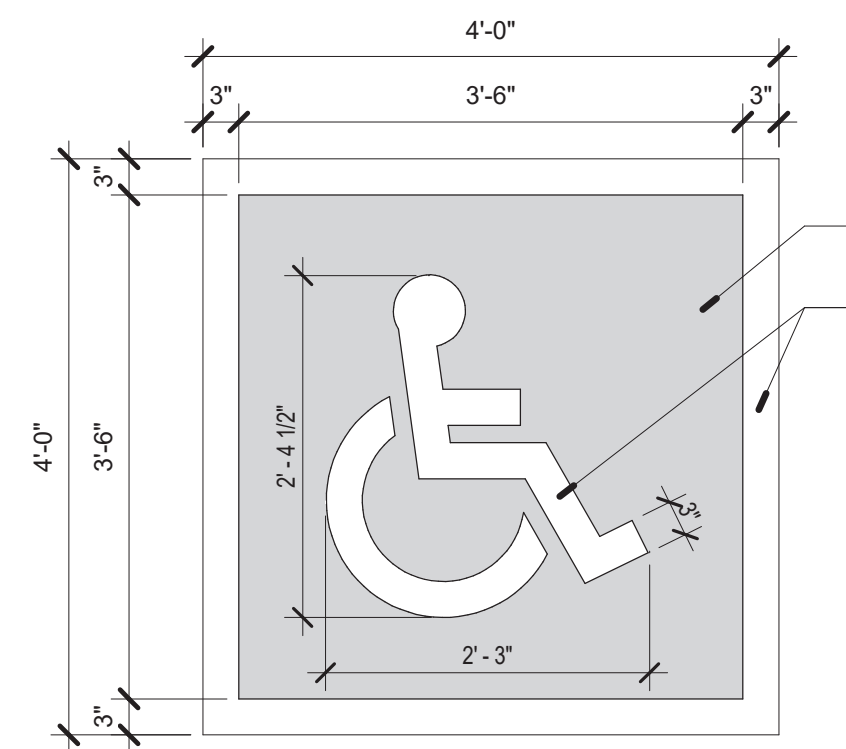
E2 TYPICAL BOULDER
3/4\"/>



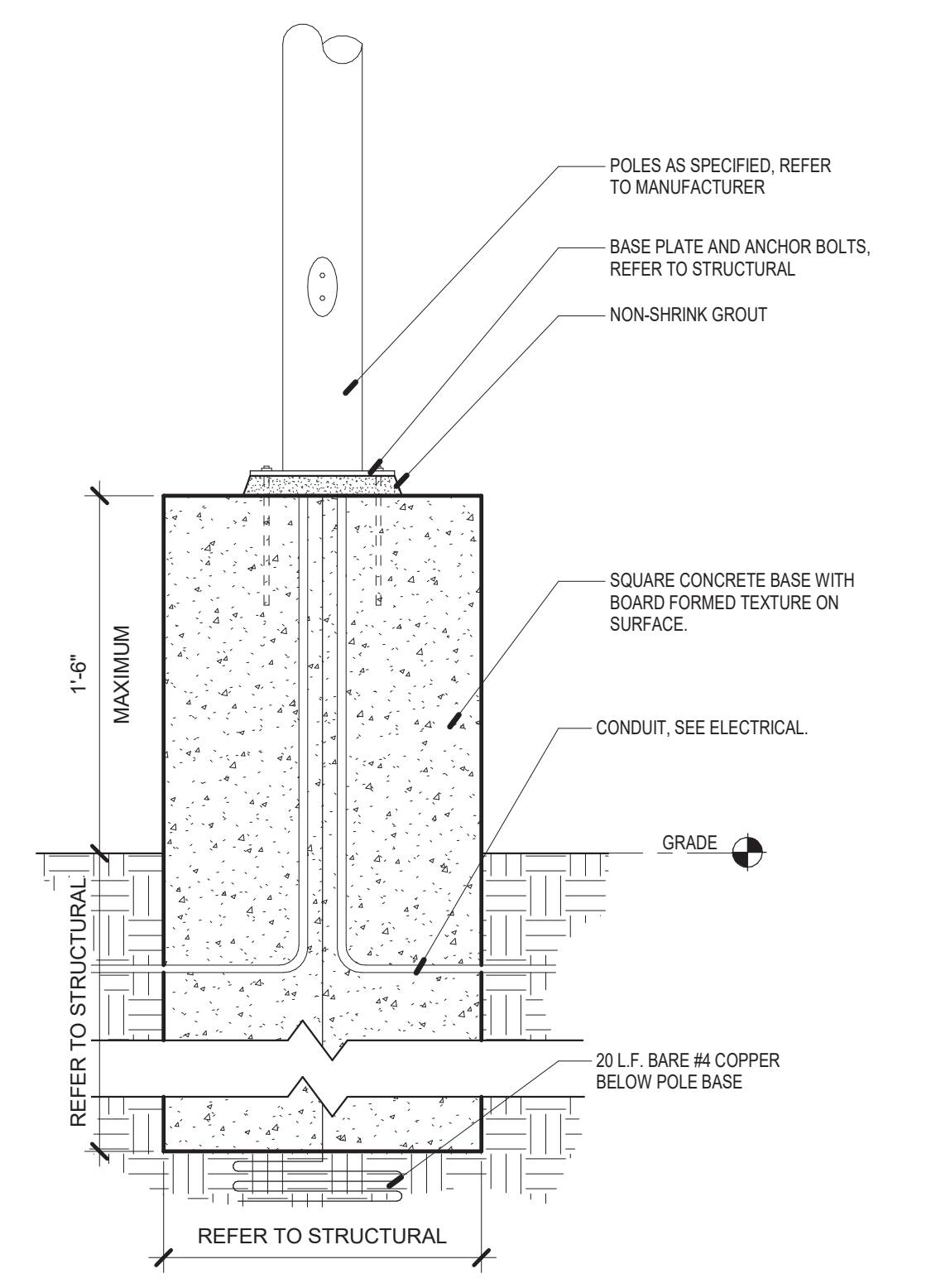
E4 PARKING SIGNAGE
1 1/2\"/>



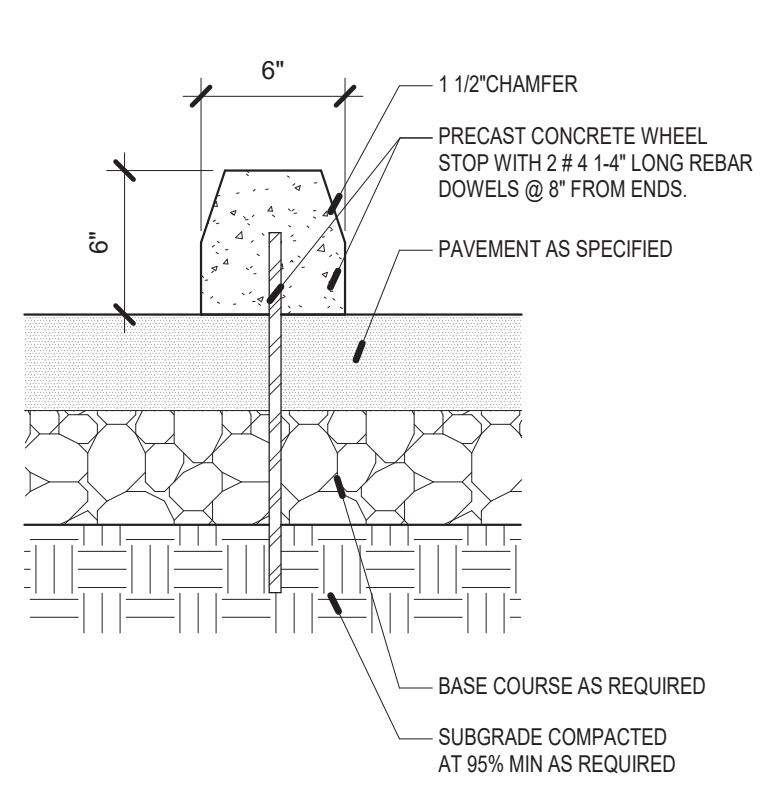
E5 CURB RAMP
1/4\"/>



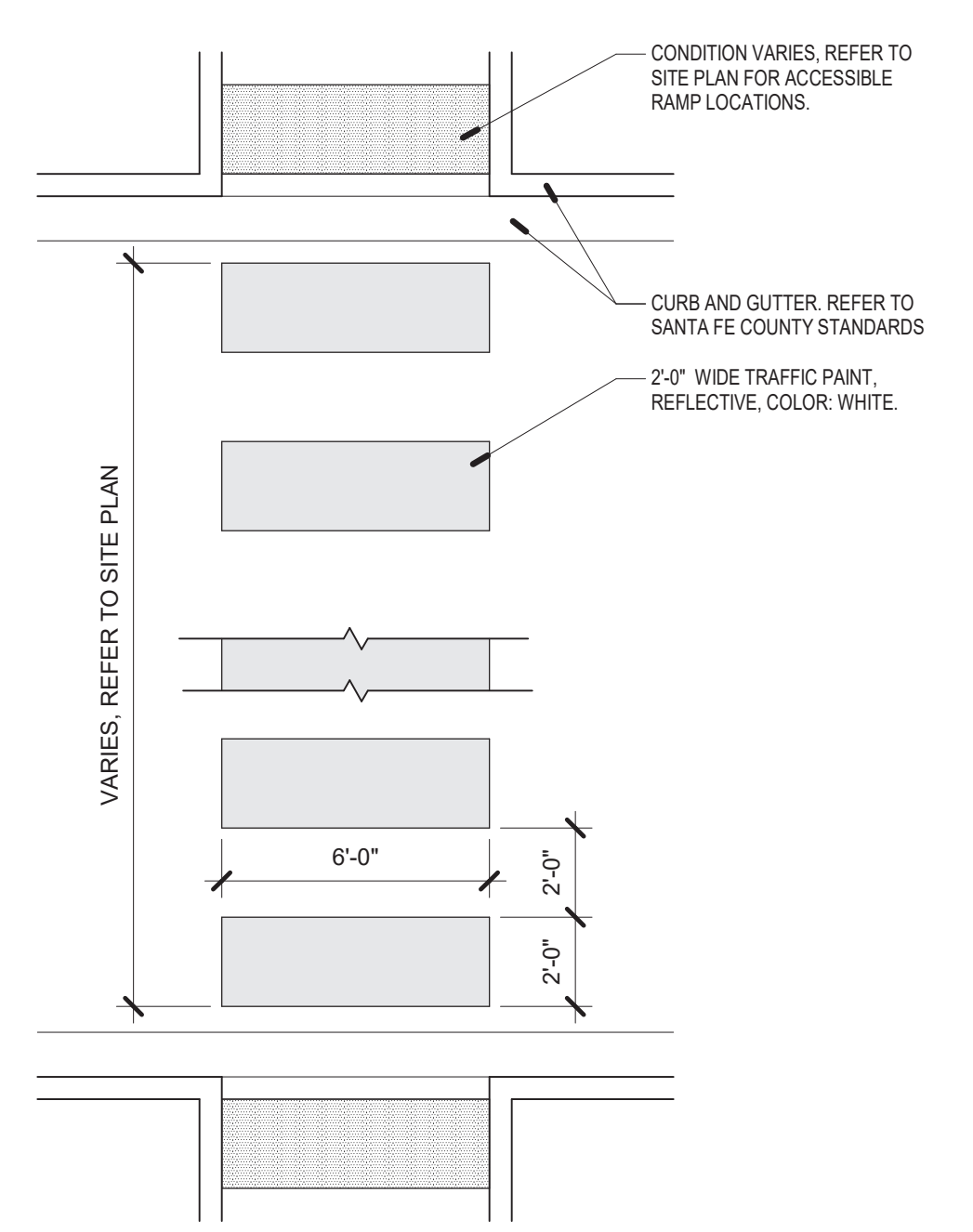
E6 PAVEMENT MARKING
3/4\"/>



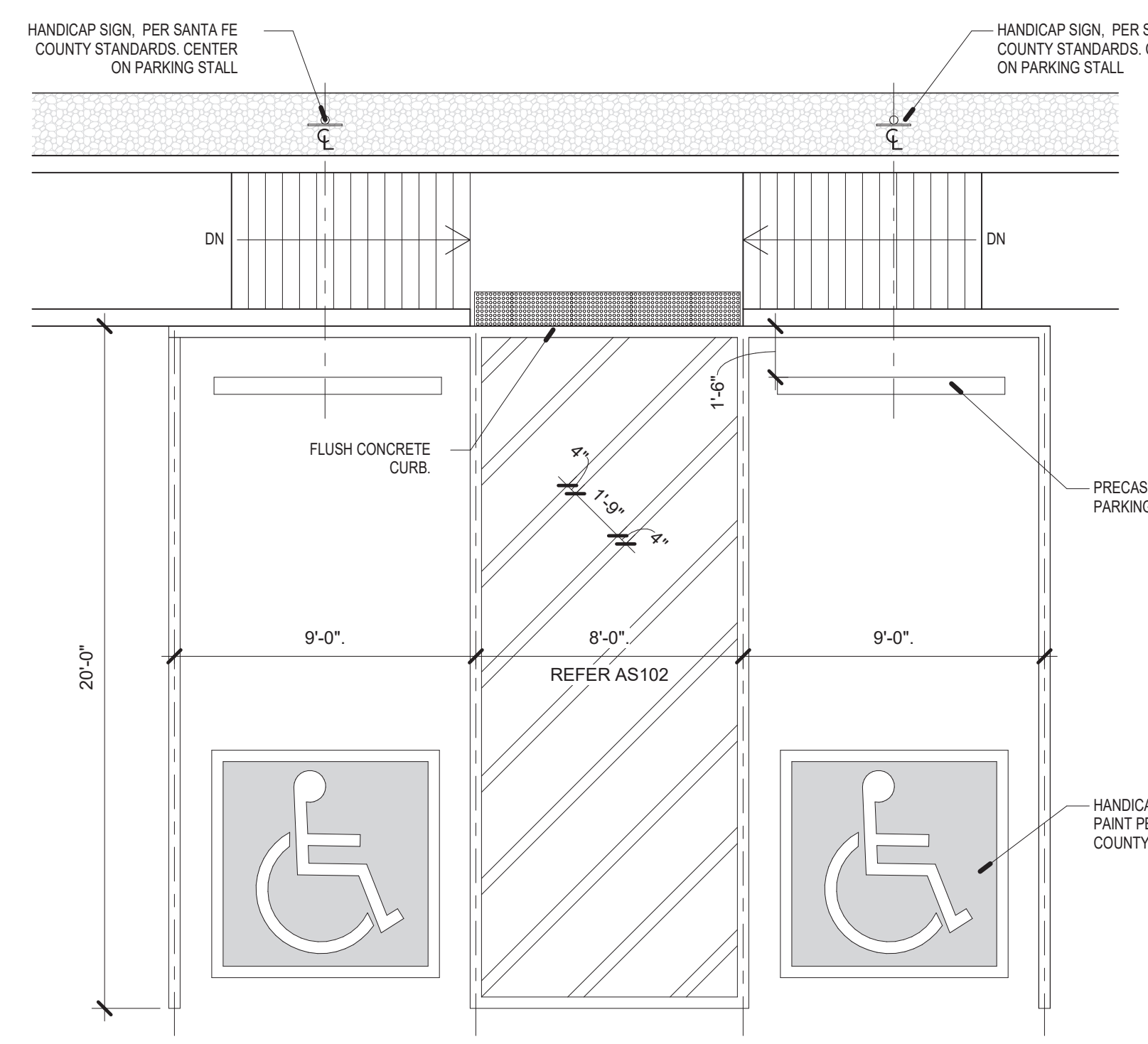
D1 POLE MOUNTED FIXTURE BASE
1 1/2\"/>



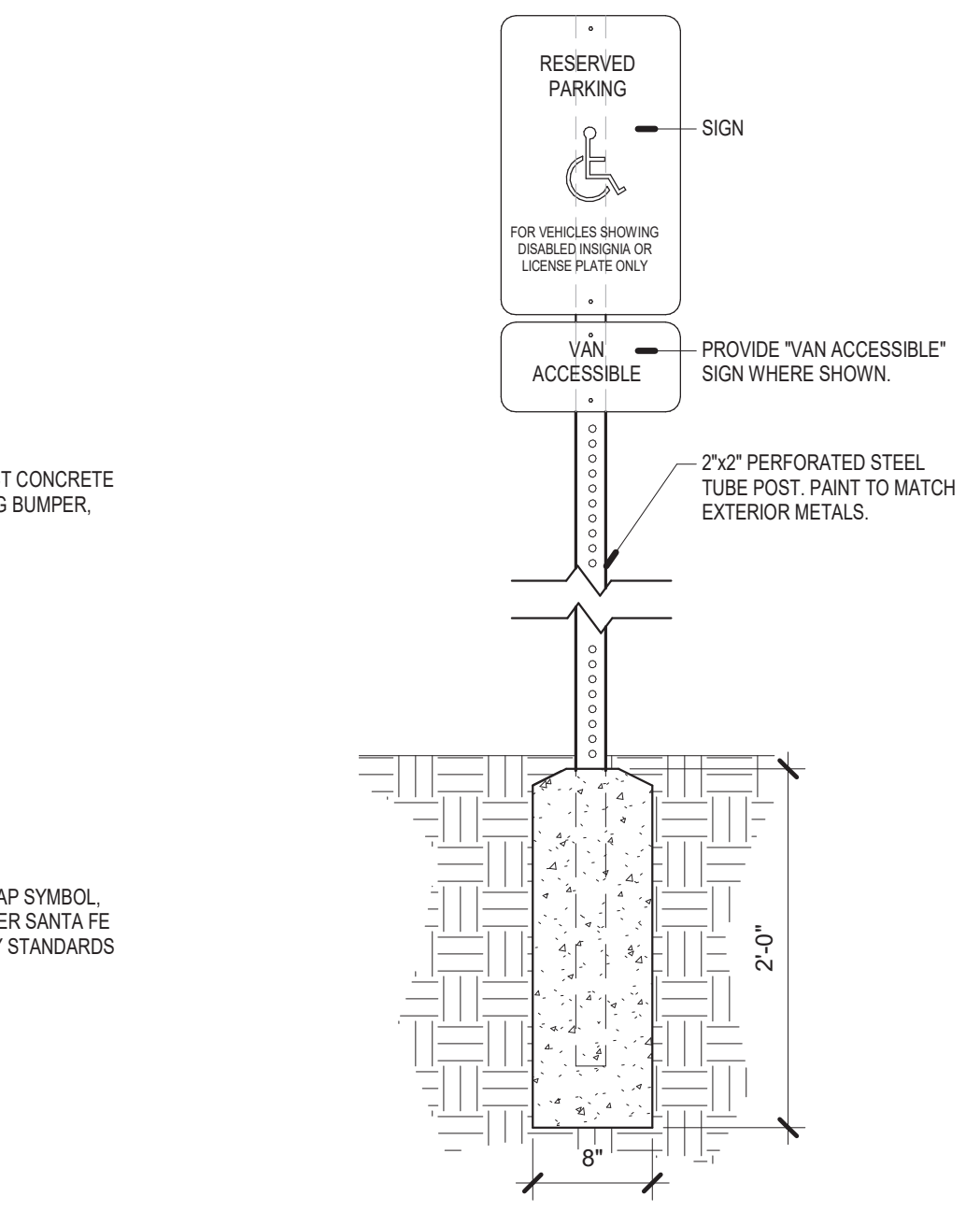
D2 CONCRETE WHEEL STOP
1 1/2\"/>



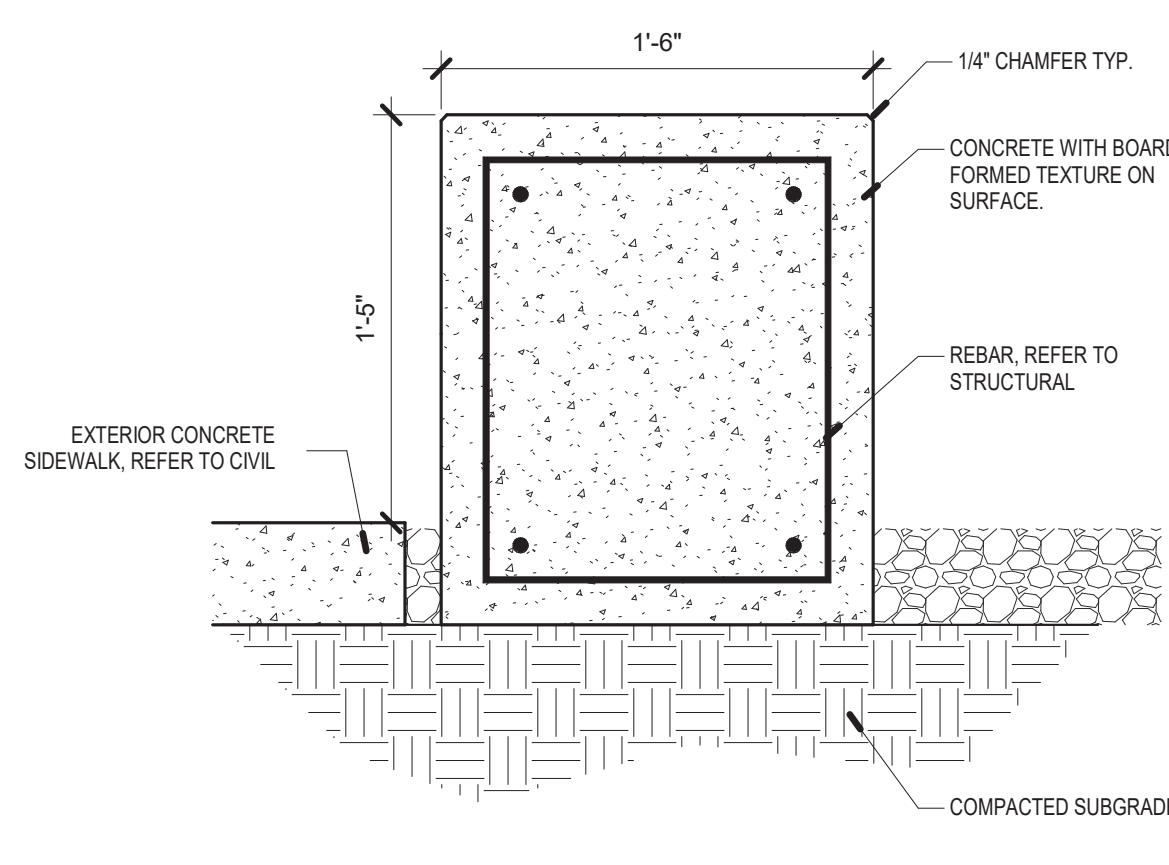
C4 PAINTED CROSSWALK
1/4\"/>



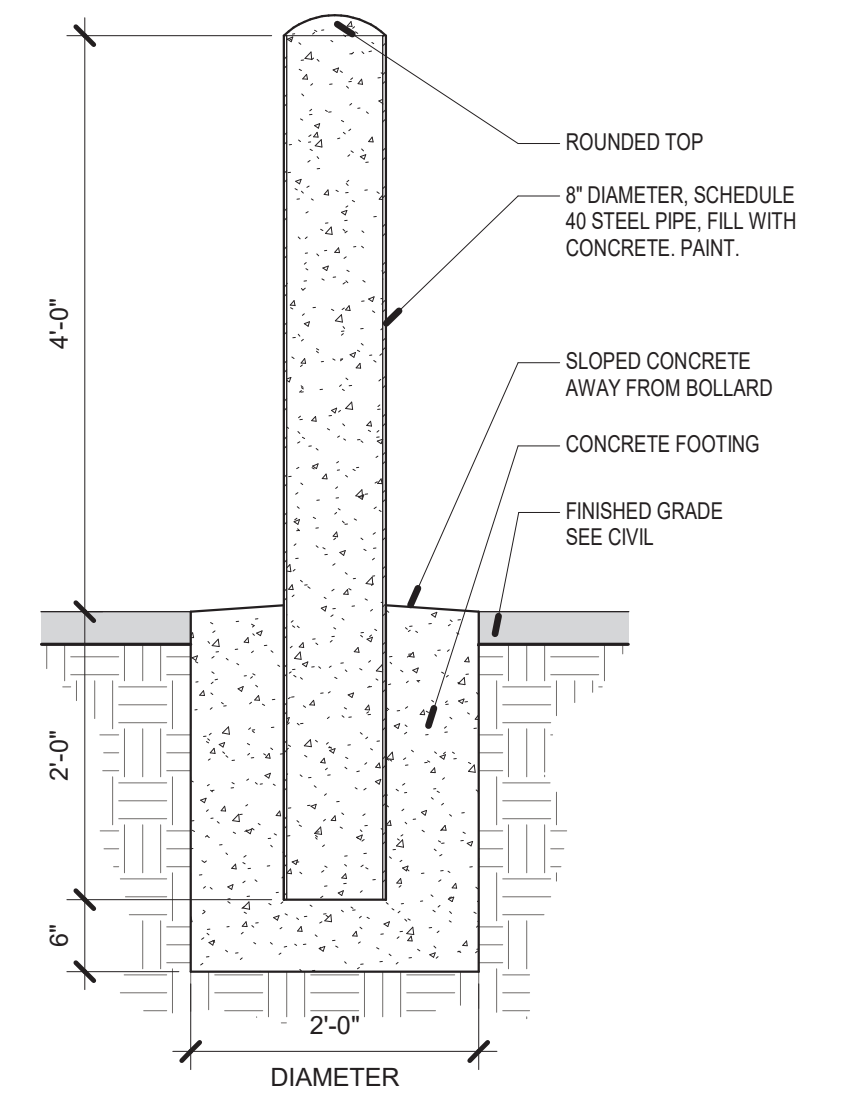
C5 HANDICAP PARKING
1/4\"/>



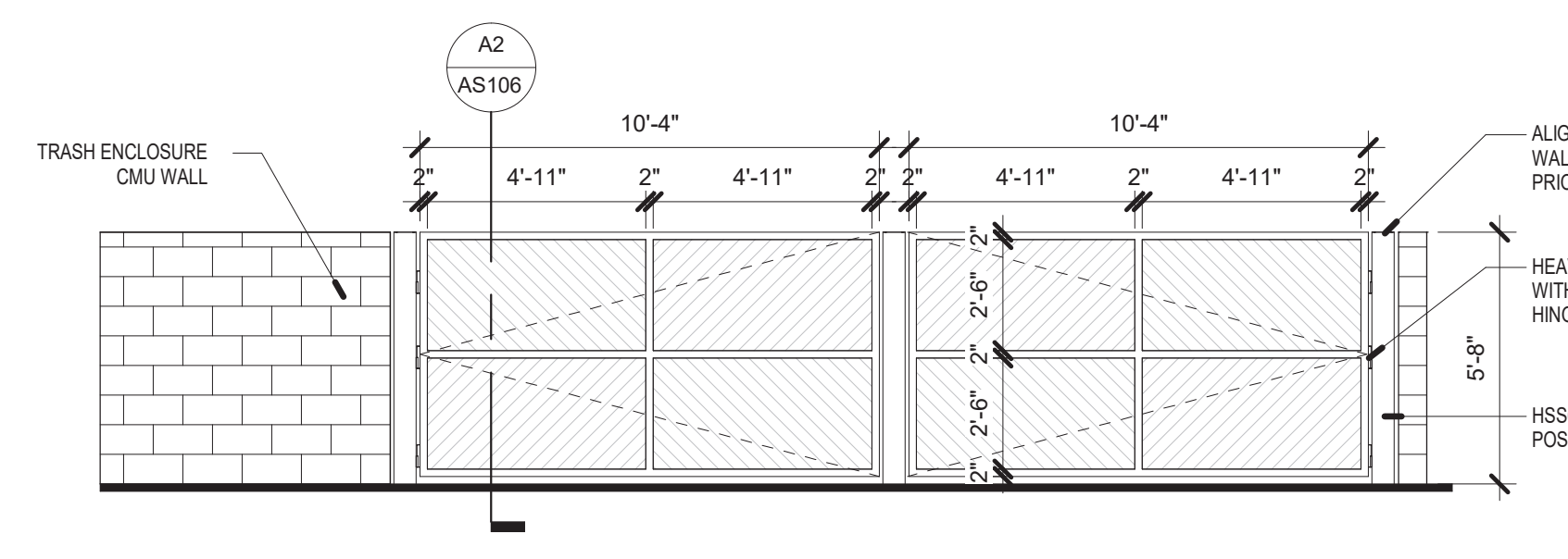
C6 PARKING SIGN POST
1\"/>



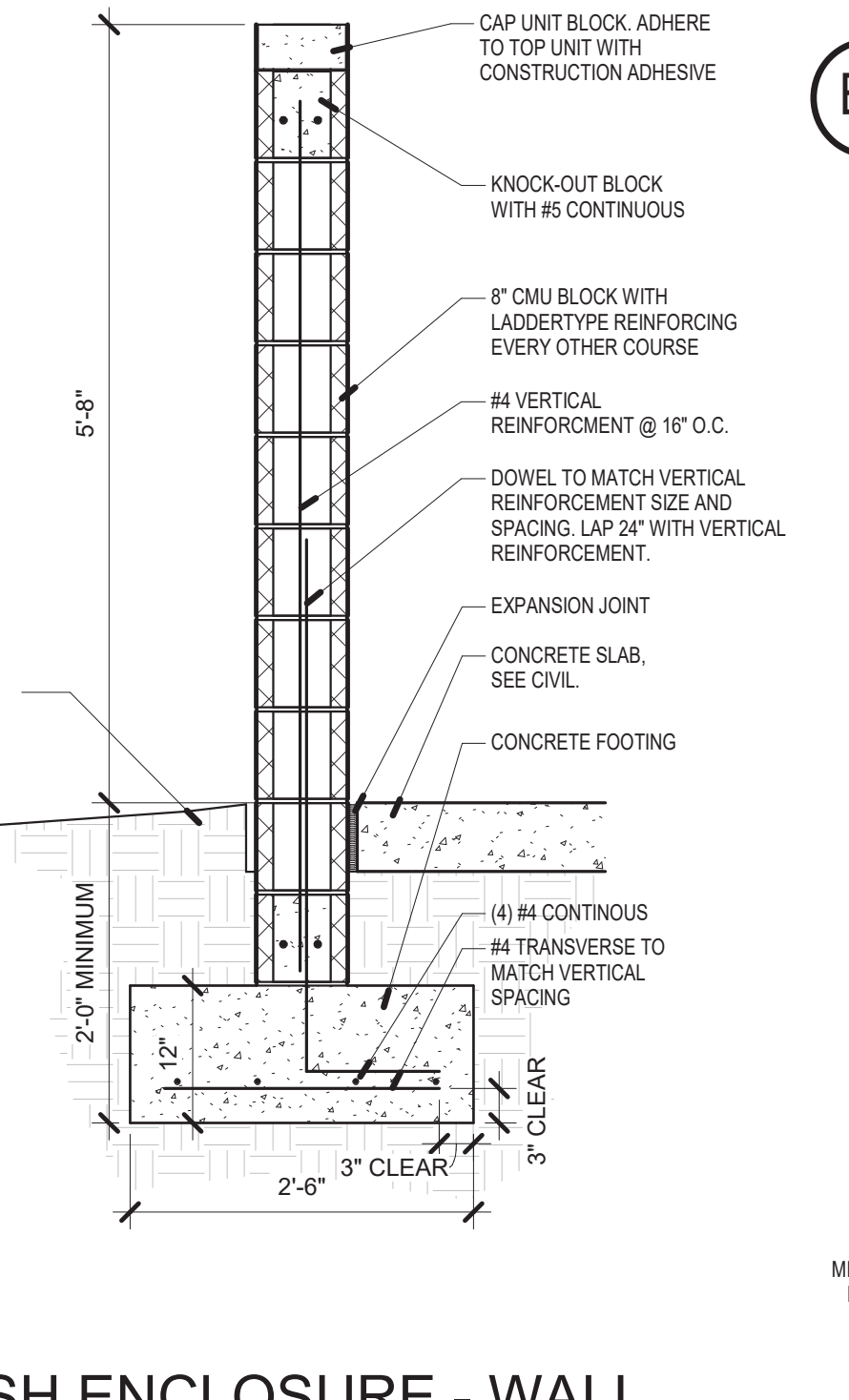
B1 EXTERIOR BENCH SECTION
1 1/2\"/>



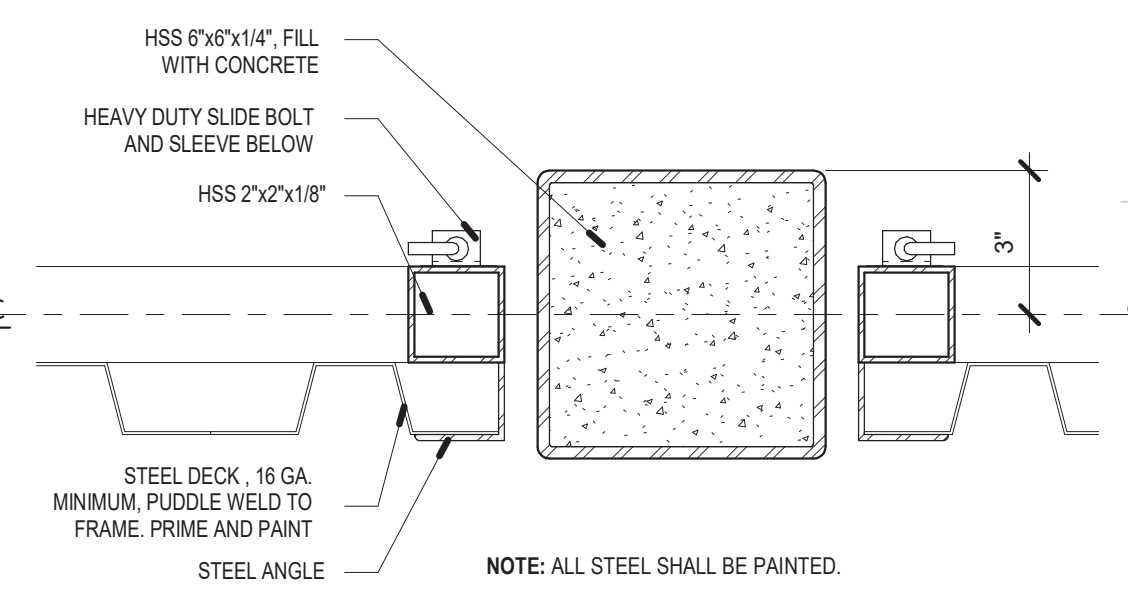
B2 BOLLARD
3/4\"/>



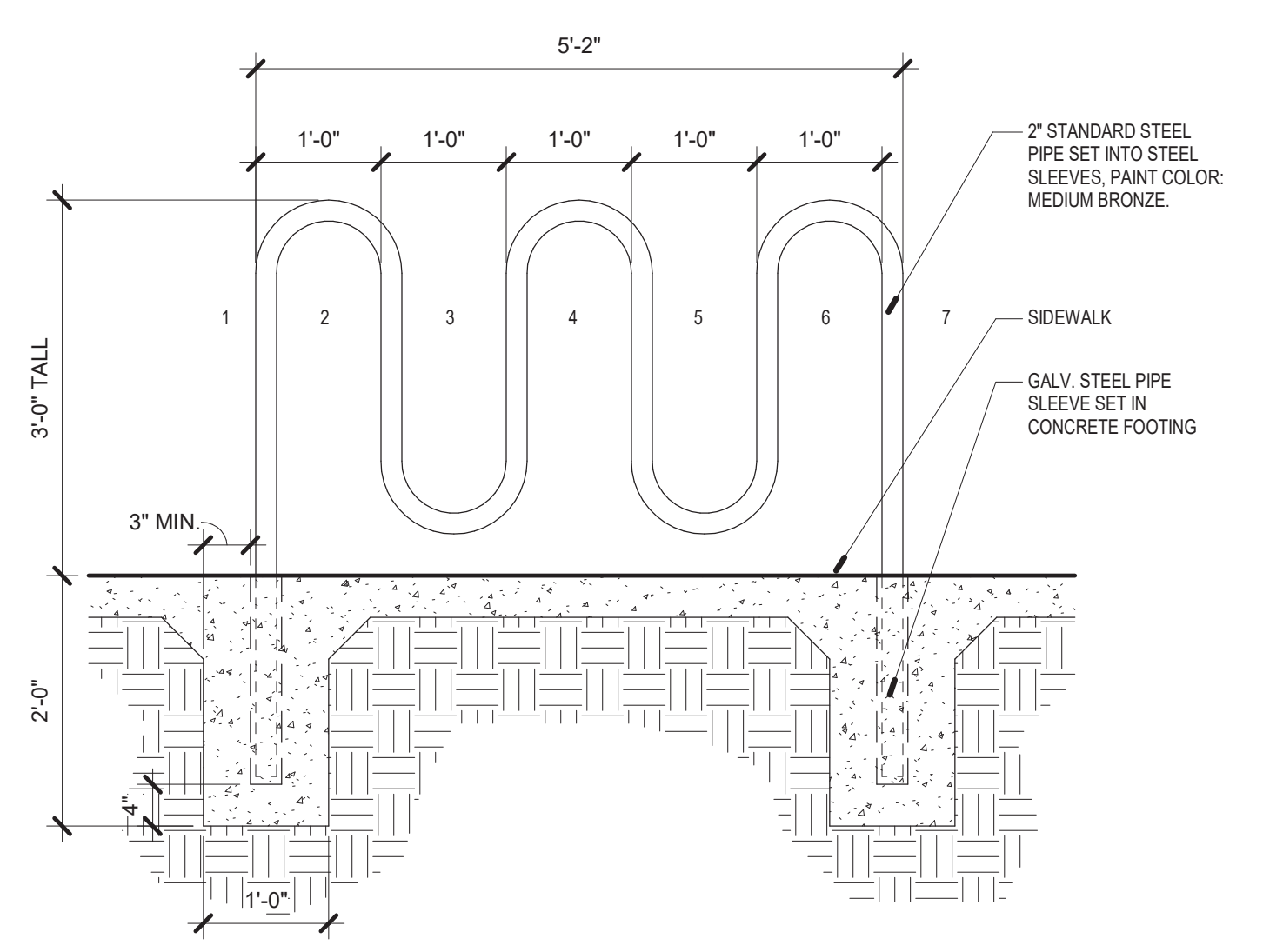
B4 TRASH ENCLOSURE - GATE ELEVATION
1/4\"/>



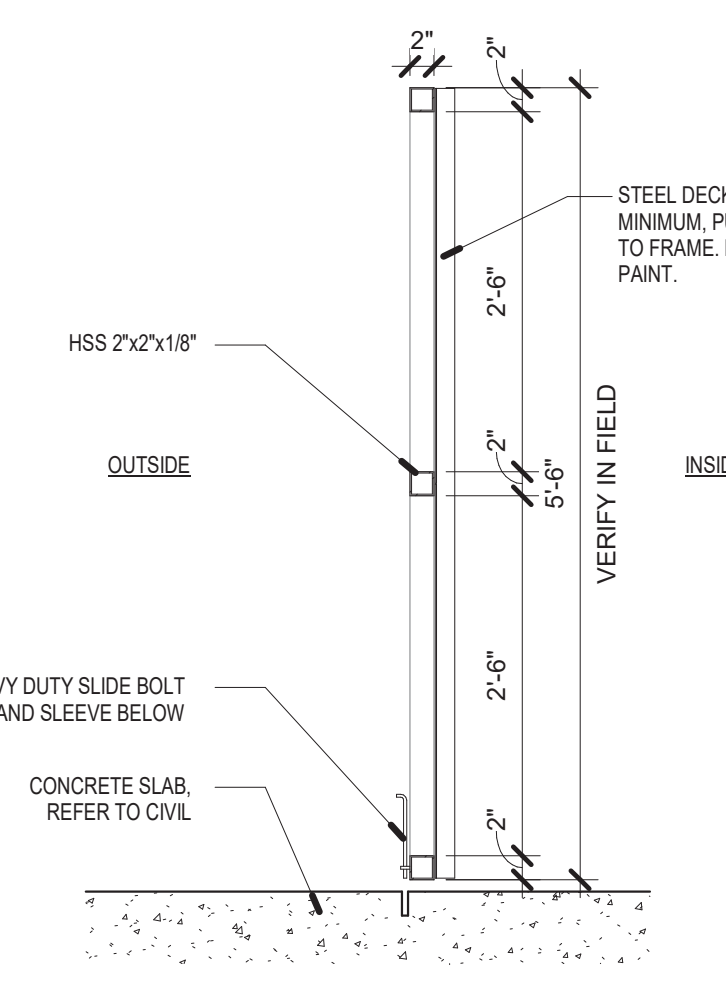
A5 TRASH ENCLOSURE - WALL SECTION
3/4\"/>



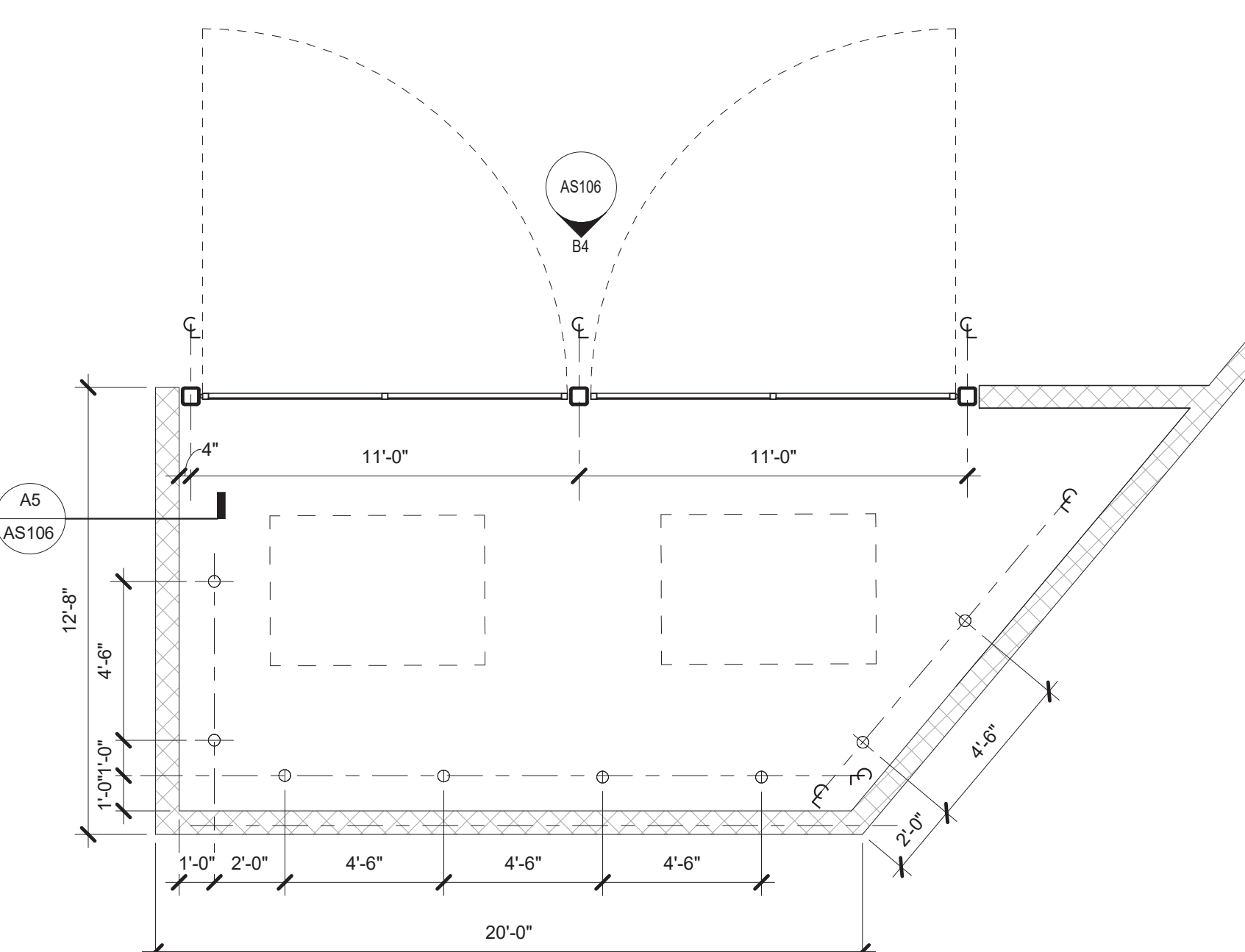
B6 METAL GATE SLIDE BOLT
3\"/>



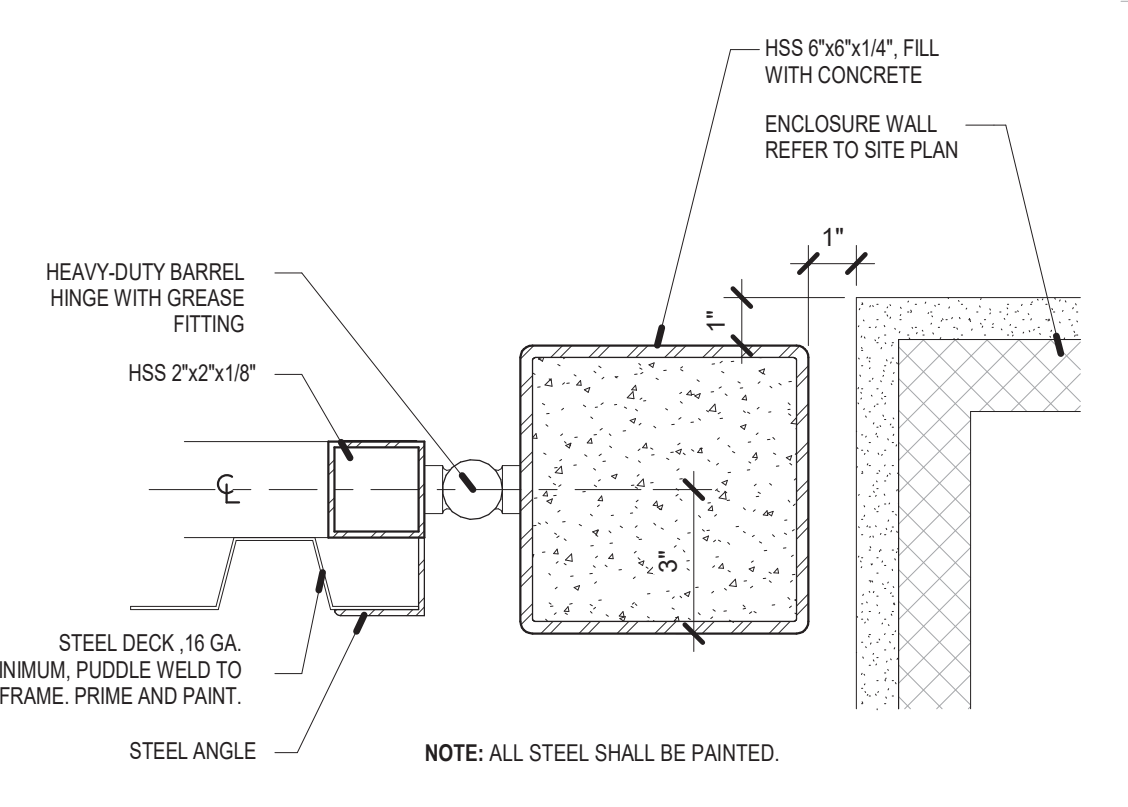
A1 BICYCLE RACK
3/4\"/>



A2 TRASH ENCLOSURE - GATE SECTION
3/4\"/>



A4 TRASH ENCLOSURE - PLAN
1/4\"/>



A6 METAL GATE HINGE
3\"/>

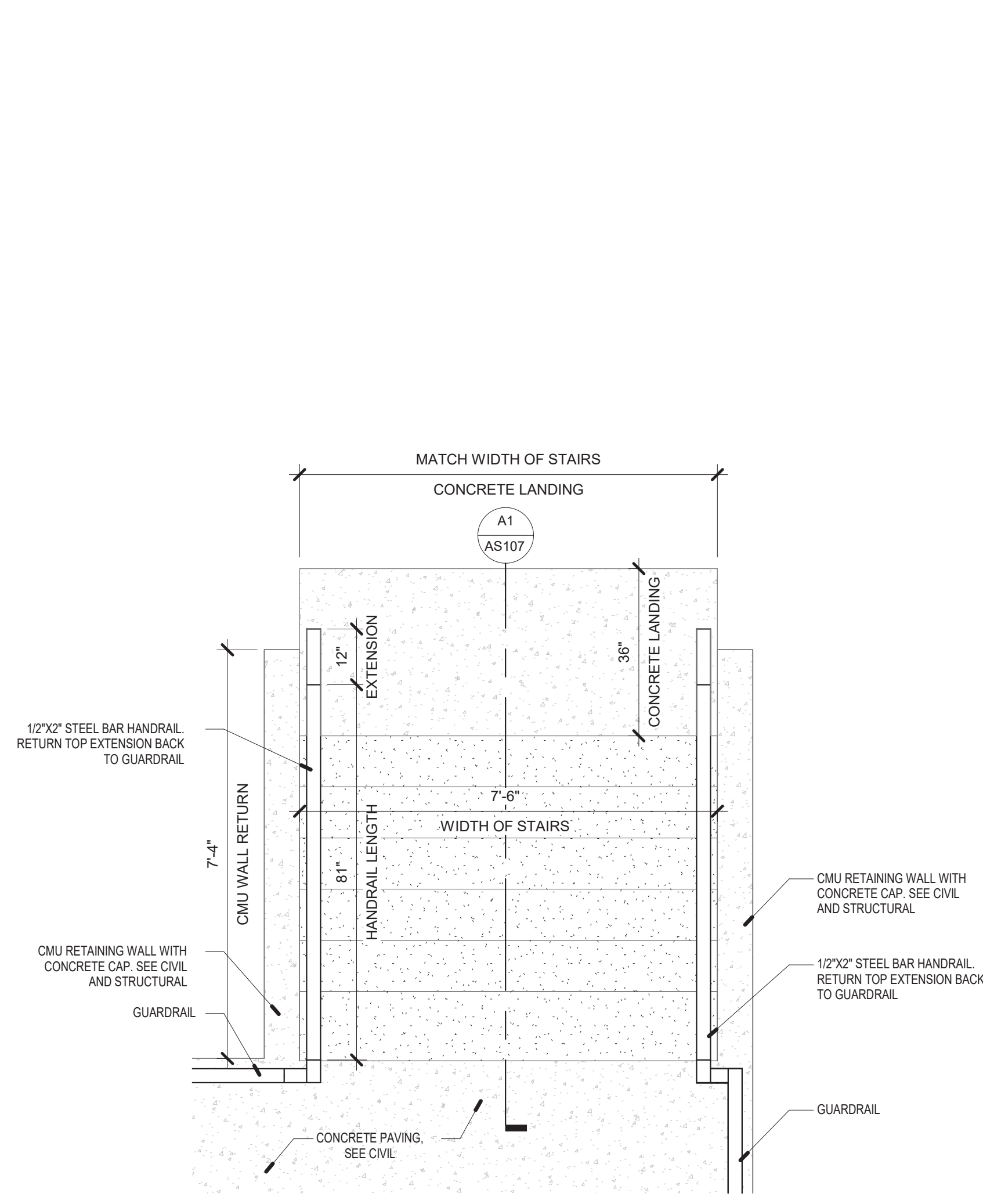


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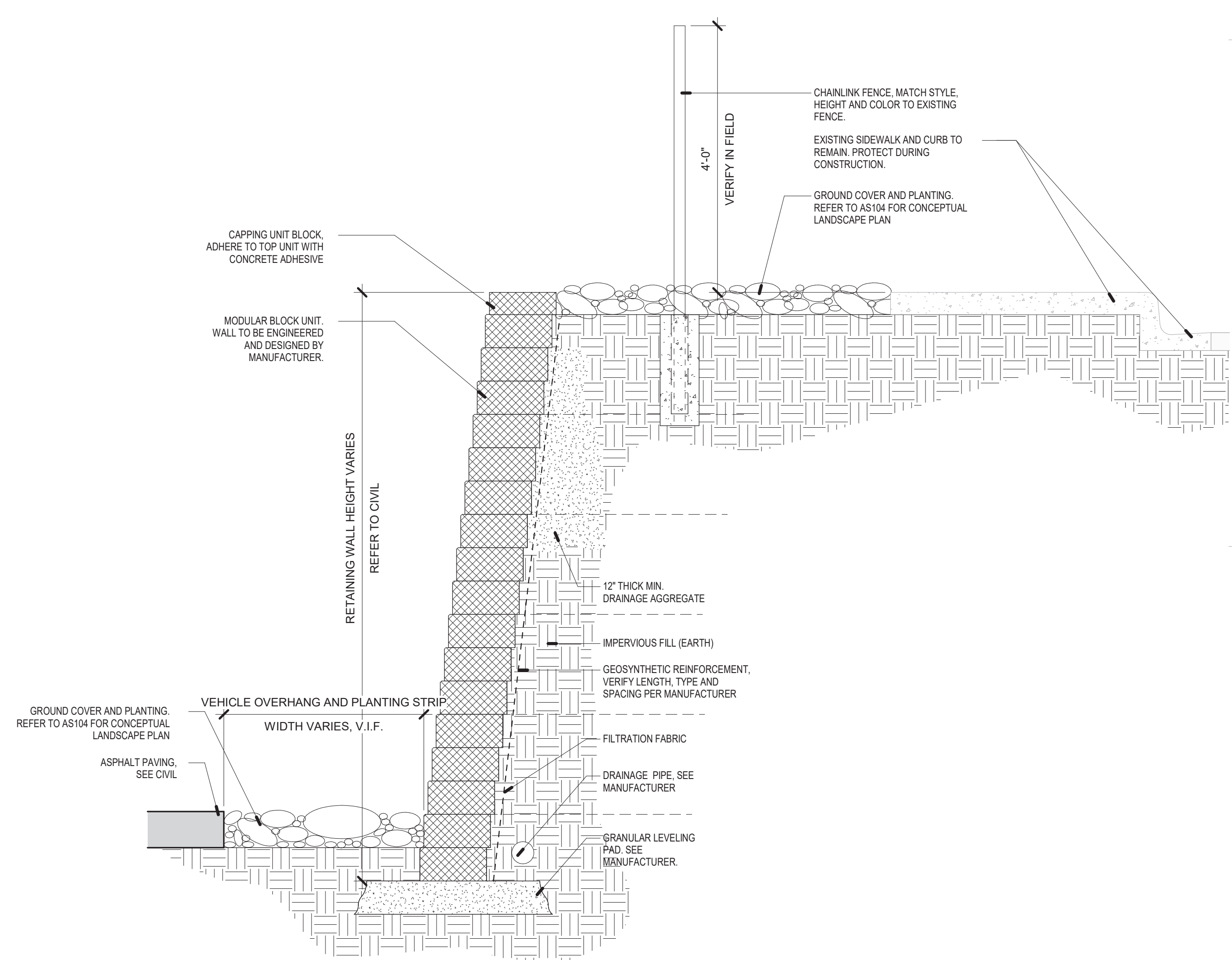
**SANTA FE COUNTY -
ABEDON LOPEZ SENIOR
CENTER**

155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

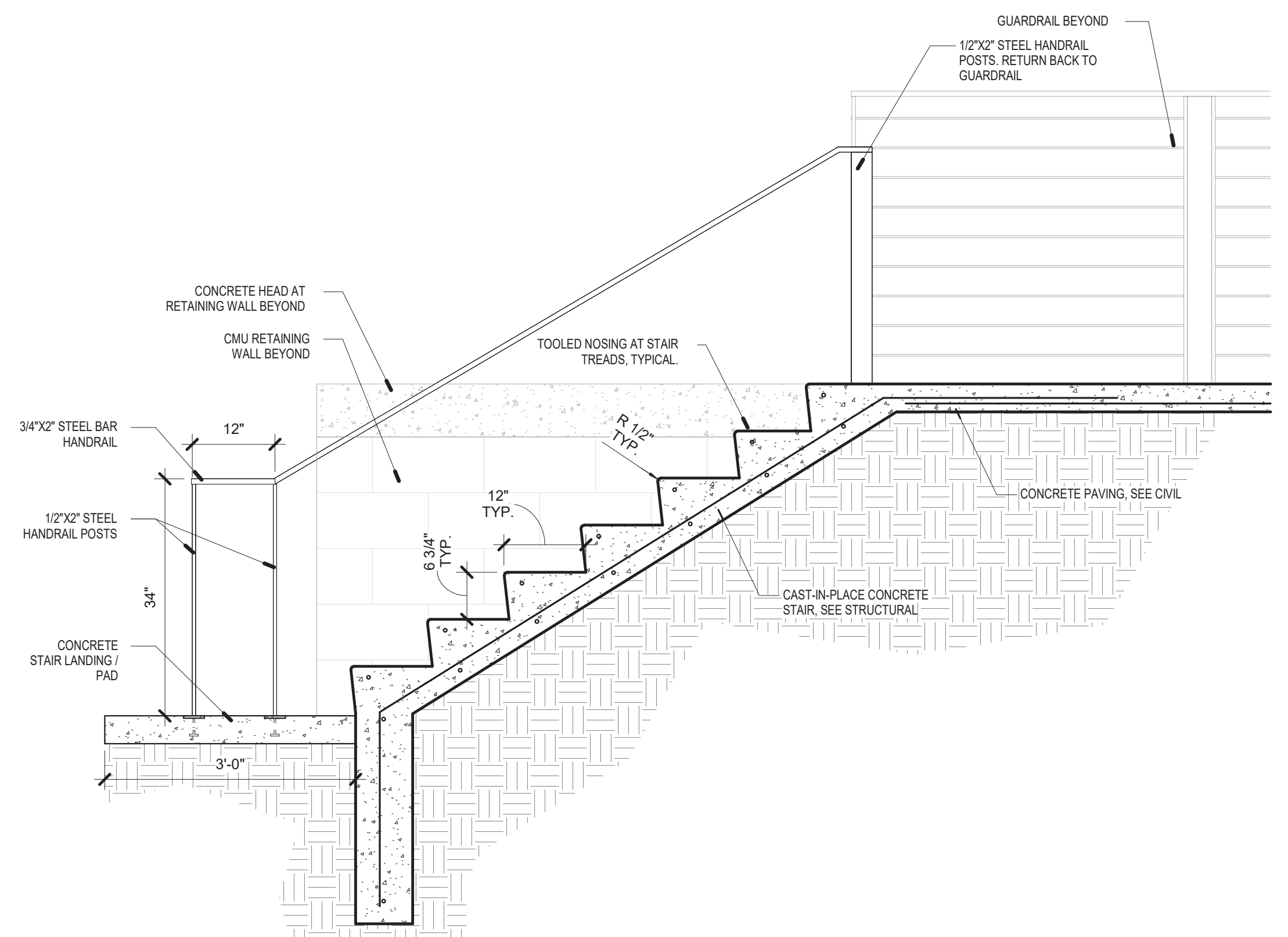
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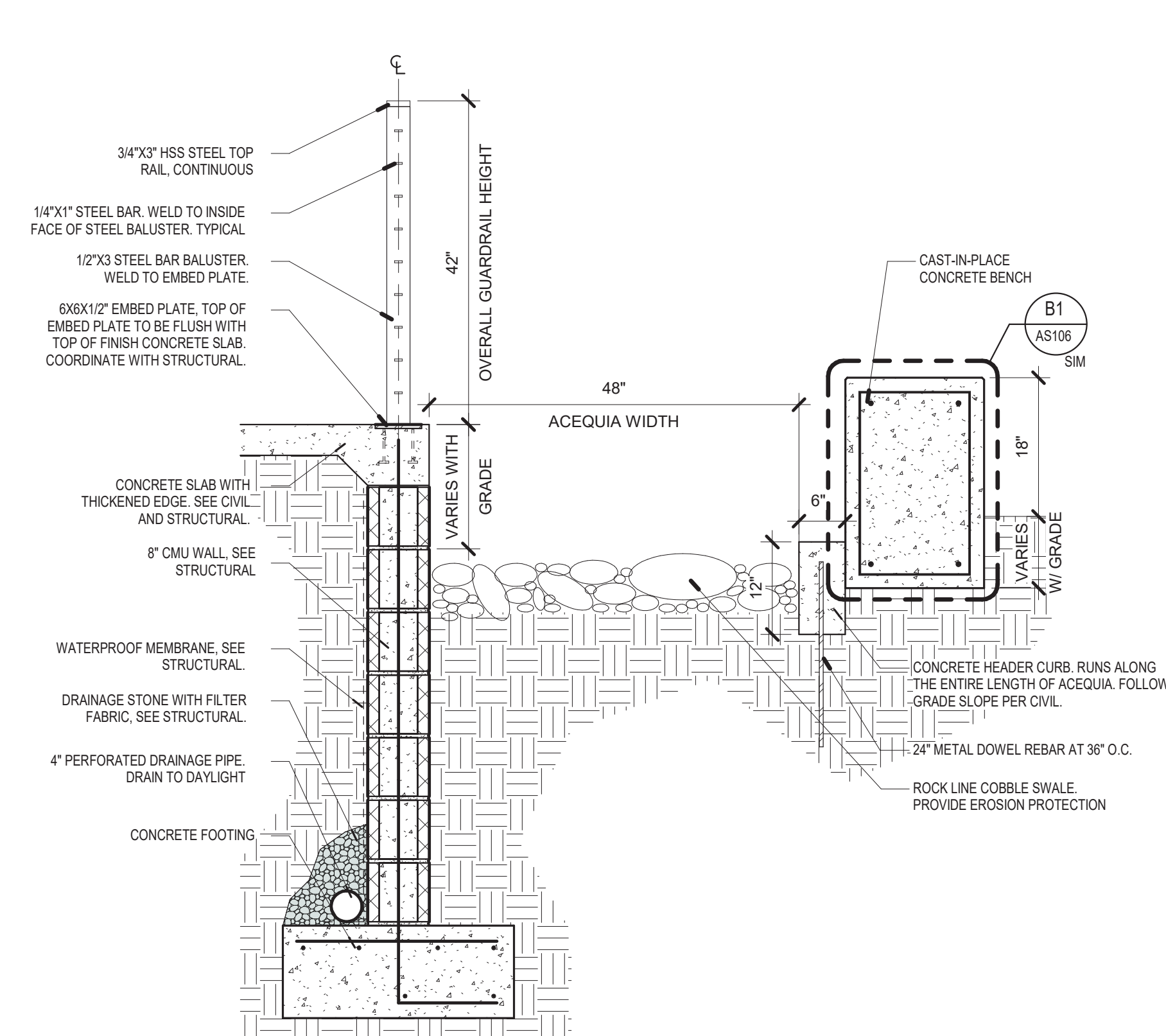
C1 STAIR PLAN
1/2" = 1'-0"



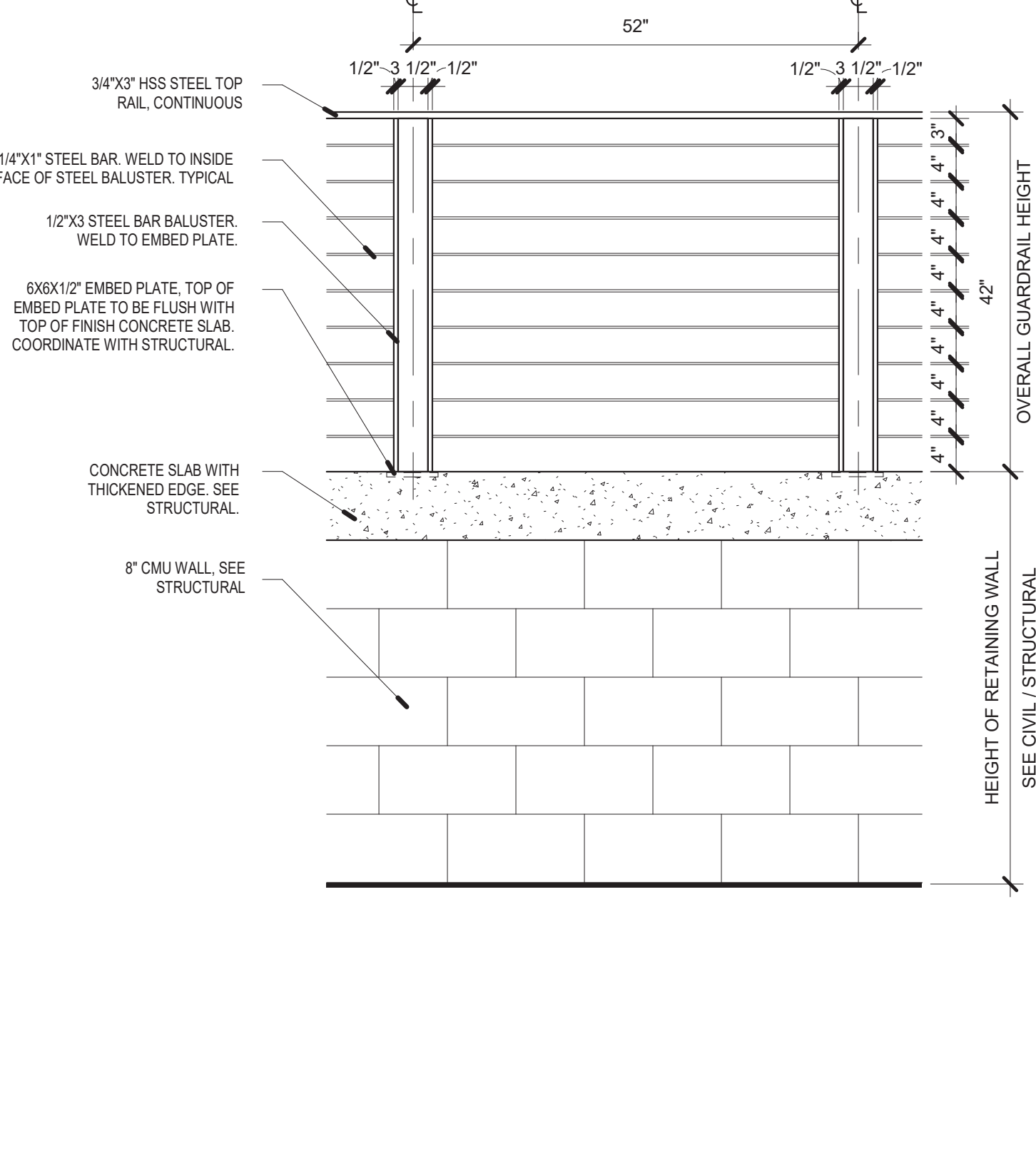
C5 MODULAR BLOCK RETAINING WALL SECTION
3/4" = 1'-0"



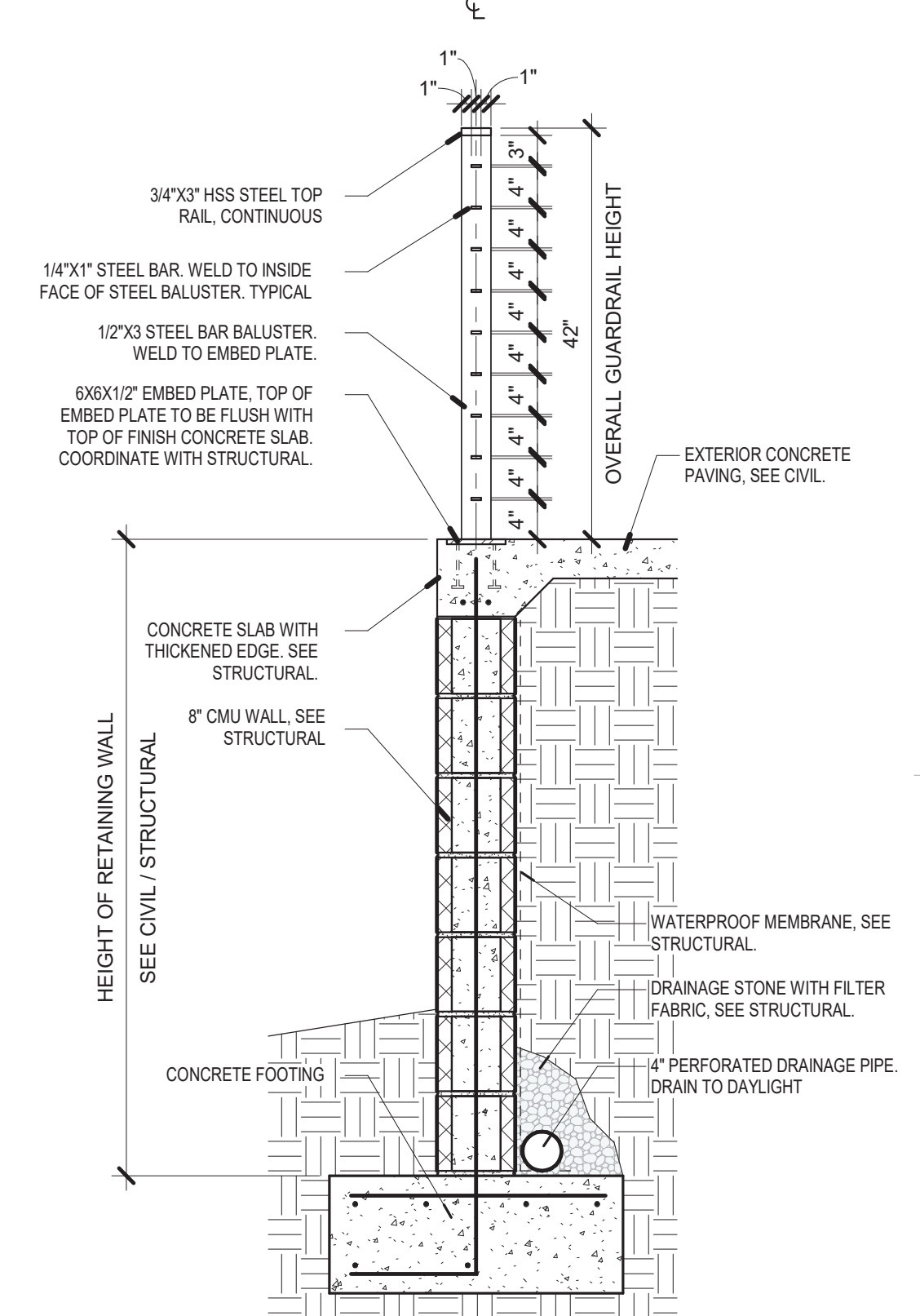
A1 STAIR SECTION
3/4" = 1'-0"



A3 RETAINING WALL AND ACEQUIA SECTION
3/4" = 1'-0"



A5 RETAINING WALL AND RAILING ELEVATION
3/4" = 1'-0"



A6 RETAINING WALL AND RAILING SECTION
3/4" = 1'-0"

| No | Date | Description |
|-------------------|--------------------------------|-------------|
| Revision Schedule | | |
| ISSUE: | 100% CONSTRUCTION DOCUMENTS | |
| PROJECT NUMBER: | 2303 | |
| FILE: | SFC Abedon Lopez Senior Center | |
| DRAWN BY: | PS | |
| CHECKED BY: | LA | |
| DATE: | SEPT. 20, 2023 | |

SHEET TITLE
SITE DETAILS

CONSULTANTS

ABEDON LOPEZ SENIOR CENTER

155A CAMINO DE QUINTANA, SANTA CRUZ, NEW MEXICO

ABBREVIATIONS

| | | | | | |
|------------|------------------------------|---------|----------------------------------|----------|---------------------------|
| / | Per | FAB | Fabricate | OD | Outside Diameter |
| @ | At | FF | Finished Floor | O.F. | Outside Face |
| AB | Anchor Bolt | FLG | Flange | OPNG | Opening |
| ADDNL | Additional | FLR | Floor | OPP | Opposite |
| ADJ | Adjacent | FDTN | Foundation | PAF | Powder Actuated Fastener |
| AFF | Above Finish Floor | FO | Face Of | PC | Precast |
| ALT | Alternative | FP | Full Penetration | PEN | Penetration |
| APA | American Plywood Association | FRMG | Framing | PERP | Perpendicular |
| APPROX | Approximate | FS | Far Side | PL | Plate |
| ARCH | Architect or Architectural | FT | Foot or Feet | PLF | Pounds Per Lineal Foot |
| | | FTG | Footing | PREFAB | Prefabricated |
| | | FV | Field Verify | PRELIM | Preliminary |
| B / , B.O. | Bottom of | GA | Gage or Gauge | PS | Prestressed |
| BG | Backgauge | GALV | Galvanized | PSF | Pounds Per Square Foot |
| BLDG | Building | GL | Glu-lam | PSI | Pounds Per Square Inch |
| BLKG | Blocking | GR | Grade | PT | Pressure Treated |
| BM | Beam | GR BM | Grade Beam | QTY | Quantity |
| BN | Boundary Nail | | | RAD or R | Radius |
| BOT or B | Bottom | HAS | Headed Anchor Stud | RC | Reinforced Concrete |
| BOF | Bottom of Footing | HD | Hold Down | RE: | Refer to (Reference) |
| BOS | Bottom of Steel | HDG | Hot Dipped Galvanized | REINF | Reinforce(ing)(d)(ment) |
| BRG | Bearing | HK | Hook | RET | Return |
| BSMT | Basement | HORIZ | Horizontal | REQD | Required |
| BTWN | Between | HT | Height | REQT(S) | Requirement(s) |
| | | HVAC | Heating-Ventilating and A/C | RO | Rough Opening |
| CC | Center to Center | | | (S) | Salvaged |
| CG | Center of Gravity | ID | Inside Diameter | SCHED | Schedule |
| CIP | Cast-In-Place | I.F. | Inside Face | SEC | Section |
| CJ | Control Joint | IN | Inch | SIM | Similar |
| CJP | Complete Joint Penetration | INT | Interior | SLH | Short Leg Horizontal |
| CL | Centerline | IT | Precast Inverted Tee Beam | SLV | Short Leg Vertical |
| CLG | Ceiling | JST | Joist | SOG | Slab on Grade |
| CLR | Clear | JT | Joint | SP @ | Space At |
| CMU | Concrete Masonry Unit | K | Kip | SP | Space(s) |
| COL | Column | KSI | Kips per Square Inch | SPECS | Specifications |
| CONC | Concrete | L or LG | Length | SPRT | Support |
| CONN | Connection | LB (S) | Pound(s) | SS | Stainless Steel |
| CONST | Construction | LL | Live Load | STD | Standard |
| CONT | Continue or Continuous | LLH | Long Leg Horizontal | STIFF | Stiffener |
| CONTR | Contractor | LLV | Long Leg Vertical | STL | Steel |
| COORD | Coordinate | LOC (S) | Location(s) or Locate | STR | Structural |
| CSJ | Construction Joint | LONG | Longitudinal | SW | Shearwall |
| CTR(D) | Center(ed) | LTL | Laminated Strand Lumber | SYM | Symmetrical |
| | | LT | Light | T&B | Top & Bottom |
| d | Penny | LT WT | Light Weight | T | Top |
| DBL | Double | LVL | Level or Laminated Veneer Lumber | T/ | Top of |
| DEG | Degree | LWC | Light Weight Concrete | TH | Thick or Thickness |
| DIA or Ø | Diameter | MAS | Masonry | TH.ROD | Threaded Rod |
| DIAG | Diagonal | MATL | Material | TL | Total Load |
| DIM | Dimension | MAX | Maximum | T.O. | Top of |
| DL | Dead Load | MBS | Metal Building Supplier | TOC | Top of Concrete |
| DN | Down | MCJ | Masonry Control Joint | TOF | Top of Footing |
| DP | Drilled Pier | MECH | Mechanical | TOM | Top of Masonry |
| DT | Precast Double Tee | MEP | Mechanical/Electrical/Plumbing | TOPG | Topping |
| DTL (S) | Detail(s) | MIL(S) | Millimeter(s) | TOS | Top of Steel |
| DWL(S) | Dowel(s) | MIN | Minimum | TOW | Top of Wall |
| | | MISC | Miscellaneous | TRANS | Transverse |
| EXIST | Existing | ML | Micro-Lam | TYP | Typical |
| EA | Each | MNFR | Manufacturer | ULT | Ultimate |
| EC | Epoxy Coated | MO | Masonry Opening | UNO | Unless Noted Otherwise |
| EE | Each End | MTL | Metal | VERT | Vertical |
| EF | Each Face | N | North | VIF | Verify In Field |
| EJ | Expansion Joint | NS | Non-Shrink or Near Side | | |
| EL | Elevation | NIC | Not in Contact | | |
| EMBED | Embedded | NO or # | Number | | |
| EN | Edge Nail | NOM | Nominal | W/O | Without |
| ENGR | Engineer | NTS | Not To Scale | W/ | With |
| EOR | Engineer-of-Record | NWC | Normal Weight Concrete | WD | Width or Wood |
| EOS | Edge of Slab | OAE | Or Approved Equivalent | WF | Wide Flange |
| EQ | Equal | OC | On Center | WT | Weight |
| EQ.SP | Equally Spaced | OCEW | On Center Each Way | WWR | Welded Wire Reinforcement |
| EQUIP | Equipment | | | WXH | Width x Height |
| ES | Each Side | | | | |
| EW | Each Way | | | | |
| EXP ANCH | Expansion Anchor | | | | |
| EXP | Expansion | | | | |
| EXT | Exterior | | | | |

LEGEND

| SYMBOL | DESCRIPTION |
|--------|-------------------------|
| | ELEVATION SYMBOL |
| | HOLD DOWN LOCATION |
| | HELICAL PILE LOCATION |
| | KEYED NOTE |
| | DRAWING REVISION NUMBER |
| | CURRENT REVISION CLOUD |
| | SUBGRADE |
| | RIGID INSULATION |
| | CAST IN PLACE CONCRETE |
| | DETAIL CUT |
| | SHEET REFERENCE |
| | BEAM |
| | FOOTING |

PLAN INDEX

| | |
|------|-----------------------------------|
| S001 | ABBREVIATIONS; LEGEND; PLAN INDEX |
| S002 | OUTLINE SPECIFICATIONS |
| S003 | TYPICAL DETAILS |
| S101 | FOUNDATION PLAN |
| S201 | ROOF FRAMING PLAN |
| S301 | FOUNDATION DETAILS |
| S401 | FRAMING DETAILS |
| S402 | FRAMING DETAILS |



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Architect Engineer



SANTA FE COUNTY -
ABEDON LOPEZ SENIOR
CENTER

155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

NTS

| No | Date | Description |
|-------------------|------|-------------|
| Revision Schedule | | |

ISSUE: 100% CD

PROJECT NUMBER: 2394

FILE:

DRAWN BY: JAR

CHECKED BY: JJS / AEL

DATE: SEPTEMBER 8, 2023

SHEET TITLE

S-001

CONSULTANTS

Architect Engineer

 SANTA FE COUNTY -
 ABEDON LOPEZ SENIOR
 CENTER

 155A CAMINO DE QUINTANA
 SANTA CRUZ, NM 87567

NTS

| No | Date | Description |
|-------------------|------|-------------|
| Revision Schedule | | |

ISSUE: 100% CD

PROJECT NUMBER: 2394

FILE:

DRAWN BY: JAR

CHECKED BY: JJS / AEL

DATE: SEPTEMBER 8, 2023

SHEET TITLE

STRUCTURAL OUTLINE SPECIFICATIONS FOR ABEDON LOPEZ SENIOR CENTER, SANTA FE, NM 87505

I. DESIGN CRITERIA & GENERAL NOTES
A. Design Codes and Manuals:

1. 2015 International Building Code (IBC)
2. ASCE 7-10, Minimum Design Loads for Buildings and Other Structures
3. AISI Manual of Steel Construction, Latest Edition
4. ACI 318-14, Building Code Requirements for Reinforced Concrete
5. American Wood Council, National Design Specification for Wood Construction 2015

B. VERTICAL DESIGN LOADS:

1. Live Roof Loads
 - a) Roof 20 PSF
 - (1) Unreduced Live Load, L_o 20 PSF
 - (2) Reduction Factor-Tributary, R_t 1.0
 - (3) Reduction Factor-Slope, R_s 1.0
2. Snow Loads
 - a) Roof Snow Load 30 PSF
 - (1) Ground Snow Load, p_g 30 PSF
 - (2) Risk Category II
3. Dead Loads
 - a) Roof 20 PSF

C. HORIZONTAL DESIGN LOADS:

1. Wind Loads
 - a) Risk Category II
 - b) Exposure "C"
 - c) Ultimate Design Wind Speed (V) - (3 SECOND GUST) - 115 MPH
 - d) Design Wind Pressures for Components and Cladding:
 - (1) Roof:
 - (a) Zone 1. $p = -41.0$ psf / na
 - (b) Zone 2. $p = -64.6$ psf / na
 - (c) Zone 3. $p = -87.7$ psf / na
 - (2) Roof Overhang:
 - (a) Zone 2. $p = -41.5$ psf
 - (b) Zone 3. $p = -68.4$ psf
 - (3) Walls:
 - (a) Zone 4. $p = -28.0$ psf / +28.0 psf
 - (b) Zone 5. $p = -51.4$ psf / +28.0 psf
 - (4) Effective Wind Area = 10 sf
2. Seismic Loads
 - a) IBC Site Classification "D"
 - b) Risk Category II
 - c) Seismic Importance Factor: 1.0
 - d) Mapped Spectral Response Accelerations
 - (1) Short period: $S_s = 0.553$
 - (2) 1 Second period: $S_1 = 0.161$
 - e) Spectral Response Coefficients
 - (1) Short period: $S_Ds = 0.500$
 - (2) 1 Second period: $SD_1 = 0.232$
 - f) Seismic Design Category: "D"
 - g) Basic Seismic-Force-Resisting System: Light framed walls sheathed with wood structural panels rated for shear resistance.
 - h) Seismic Response Coefficient: $C_s = 0.0769$
 - i) Response Modification Factor: $R = 6.5$
 - j) Analysis Procedure Used = Equivalent Lateral Force Procedure

D. GENERAL NOTES

1. Drawings
 - a) Do not scale drawings.
 - b) See architectural, mechanical, electrical, and plumbing drawings for exact location and arrangement of any pads, support frames, etc., required for mechanical and electrical equipment and not with other trades concerning plates, anchors, notches, etc., to be placed in concrete.
 - c) Any conflict between the structural drawings and specifications, and/or other discipline plans and/or specifications shall be brought to the attention of the architect prior to proceeding with the work affected.
 - d) Contractor shall verify all edge form setting dimensions as well as the location of elevation changes, off-sets, brick ledges, and block-outs with other disciplines and notify this office of any discrepancies that may exist prior to commencing construction.
2. OPENINGS
 - a) Openings, sleeves, etc. to be placed through any structural member shall first be approved by the structural engineer. Sleeves shall be provided for openings prior to placing of concrete. Cutting of hardened concrete shall not be permitted except by special structural approval which will be on an individual basis.
3. The contractor shall provide all measures necessary to protect the structure during construction. Such measures shall include, but not be limited to bracing and shoring for loads due to hydrostatic, earth, wind or seismic forces, construction equipment, etc. Observation visits to the site by the structural engineer shall not include inspection of the above items.
4. The cost of additional field and office work necessitated by requests by the contractor for an option, or due to errors or omissions in construction, shall be borne by the contractor. Options are for the contractor's convenience; he shall be responsible for all changes necessary if he chooses an option, and he shall coordinate all details.

A. Foundation Notes

1. Geotechnical engineering study and recommendations for this project has been performed by Geo-Test, Inc, project number 1-30106, dated June 12, 2023.
 - a) Important additional information concerning specific soil conditions is contained in this report and shall be reviewed prior to the start of construction.
 - b) Design is based on recommendations provided by the geotechnical engineering study:
 - (1) Allowable soil Bearing Pressure = 2000 psf
 - (2) Frost Depth / Minimum Exterior Footing Embedment = 24"
 - c) Important additional information concerning specific soil conditions is contained in this report and shall be reviewed prior to the start of construction.
 - d) Requirements for granular base and capillary (vapor) barriers are specified in this report. Areas where the capillary barriers are required shall be coordinated with the architect prior to construction. The barrier shall have a minimum thickness of 10 mils and shall conform to the requirements of ACI 302.1R-04.
 - e) The contractor shall be responsible for providing positive water drainage away from structures, during and after construction.
 - (1) It is important to understand that the performance of the foundation is linked directly to the consistency of the moisture content in the soil. The geotechnical engineering study provides recommendations for natural ground preparation, remedial earthwork, drainage, grading, and landscaping.

2. The geotechnical engineering study contains specific requirements concerning clearing and grubbing, site, subfloor and bearing surface preparation, structural fill requirements, compaction requirements, and drainage and sloping requirements not necessarily shown on these drawings. Refer any conflicts between these drawings and the report to the architect for direction prior to beginning any work.
 - a) The contractor shall engage and bear the cost of a geotechnical engineer or designated representative to monitor site preparation, foundation construction and retaining wall construction. The geotechnical engineer shall provide continuous on-site observation by experienced personnel during construction of controlled earthwork. The contractor shall notify the geotechnical engineer at least two working days in advance of any field operations of controlled earthwork or of any resumption of operations after stoppages. Tests of fill materials and embankments shall be made in accordance with the recommendations for observation and testing provided within the geotechnical recommendations, and at the following suggested minimum rates:
 - (1) At least one moisture-density (proctor) test, Atterberg limits test, and percent finer than #200 sieve test should be performed per each subgrade soil type and engineered fill material. The geotechnical engineer must review the test results for conformance with specifications and approve of fill materials and their intended use, prior to construction.
 - (2) A minimum of one field density and moisture test should be performed per 2000 square feet of building pad fill or pavement subgrade per each 1 foot of compacted fill thickness (or at least one test per each 1 foot of compacted fill thickness in each area worked per day if smaller sections).
 - (3) A minimum of one field density and moisture test should be performed per 100 linear feet of foundation excavation bottom prior to placement of reinforcing steel and concrete (or at least one test per area worked per day if smaller sections).
 - (4) A minimum of one field density and moisture test should be performed per 100 linear feet of retaining wall backfill and/or utility trench backfill per each 1 foot of compacted fill thickness (or at least one test per each 1 foot of compacted fill thickness in each area worked per day if smaller sections).

II. QUALITY ASSURANCE & STATEMENT OF SPECIAL INSPECTION

- A. The contractor shall engage qualified independent inspectors to implement special inspections. Special inspection shall conform to the IBC, chapter 17.
- B. After each inspection and test, promptly submit a copy of the laboratory report to owner, architect/engineer, and to contractor. Report shall include:
 1. Date issued, Project title and number, Name of inspector, Date and time of sampling or inspection, Identification of project specifications section, Location of project, Type of inspection or test, Date of tests, Results of tests, Conformance with contract documents.
- C. Required inspections:
 1. Soils - as outlined in Outline Specifications Section titled "Foundation Notes."
 2. Concrete - as outlined in the Outline Specifications Section titled "Structural Concrete."
 - a) Installation of embedded bolts and plates supporting structure
 - b) Reinforcing steel placement
 - c) Field bending of reinforcing steel
 - d) Reinforcing couplers
 - e) Anchored rebar or threaded rods into hardened concrete
 3. Wood
 - a) Hold down anchors/strap ties
 - b) Shear wall/diaphragm fastening
 - c) Metal connectors

- D. Special inspection is to be provided in addition to inspections conducted by the building department and shall not be construed to relieve the owner or his authorized agent from requesting the period and called inspections required by section 1704 of the International Building Code.
 1. Periodic inspection is defined as the part-time or intermittent observation of work requiring inspection by an approved inspector who is present in the area where the work has been or is being performed at the completion of work.
 2. Special inspection is required for the following:
 - a) Steel construction
 - (1) High strength boltsperiodic
 - (2) Weldingperiodic
 - (3) Structural Steel & Cold-Formed Steel Deckperiodic
 - b) Concrete construction
 - (1) Reinforcing steelperiodic
 - (2) Bolts installed prior to and during concrete placementperiodic
 - (3) Mix design(s)periodic
 - (4) At the time fresh concrete is sampledperiodic
 - (5) Inspection of concrete placementperiodic
 - (6) Inspection for maintenance of specified curing techniquesperiodic
 - c) Special case
 - (1) Expansion or adhesive anchorperiodic

III. SHOP DRAWING SUBMITTAL

- A. Contractor to submit to Structural Engineer:
 1. Concrete Mix Designs
 2. Anchor Bolts
 3. Prefabricated Wood Trusses
 4. Reinforcing Bars
- B. All shop drawings and submittals must be reviewed and stamped by the contractor prior to submittal. Shop drawings and submittals shall be accompanied by sealed calculations as required by the specifications. No fabrications shall proceed before shop drawings covering that work have been approved. Allow at least 10 days for shop drawing review.

IV. STRUCTURAL CONCRETE

- A. All concrete edges shall be chamfered 3/4" on exposed corners unless otherwise noted.
- B. Basis for design, strength at 28 days:
 1. Unless indicated otherwise, all concrete shall be ready-mixed concrete with standard stone aggregate (144 PCF).
 2. Air entrainment shall conform to the requirements of ACI 318-14 Table 19.3.3.1
 3. Structural design is based upon ACI 318-14, and construction shall conform to ACI 301 and ACI 302, latest edition(s).
 - a) $F_c = 4000$ psi (normal weight, air entrained)
 - (1) Exposed concrete flatwork
 - b) $F_c = 4000$ psi (normal weight)
 - (1) All interior slabs-on-ground and associated turndowns.
 - c) $F_c = 6000$ psi non-shrink grout for placement under column base plates.
 - (1) Grout to comply with ASTM C1107. Non-shrink flowable grout shall be used under base plates with shear lugs.

4. Unless otherwise indicated, concrete cover shall be:
 - a) Foundations 3"
 - b) Slabs (Not exposed to weather) 3/4"
 - c) Slabs (Exposed to weather) 1 1/2"

C. REINFORCING STEEL

1. Deformed Bars ASTM A615 / Grade 60
2. Welded Wire Fabric ASTM A185
3. Placing of reinforcing shall conform to CRSI, latest edition.
4. All reinforcing steel shall be held securely in position with standard accessories during placing of concrete.
5. Slab and beam bolsters and hi-chairs shall have vinyl-tipped turned-up legs where soffits/underside of slab is exposed.
6. All field bending of reinforcing shall be done cold. Heating of bars will not be permitted.
7. Unless otherwise indicated, splice reinforcing as follows:
 - a) Reinforcing Bars 48 Bar Diameters
 - b) Welded Wire Fabric 6"

D. WALLS

1. Exposed site walls, retaining walls, and stem walls greater than 30 feet in length shall have control joints installed and spaced no greater than 25 feet on center. Install joints within 10 feet of all wall corners.
2. Contractor shall submit to architect, final locations of all control joints for approval, prior to construction.

E. SLAB-ON-GROUND CRITERIA

1. Strict adherence to the specified water-to-cement ratio of 0.45 is required. Water shall not be added to the mix at the time of placement.
2. Shrinkage shall not exceed 0.02% per ASTM C 157 at 28 days. Shrinkage-compensating concrete shall conform to the recommendations of ACI 223.
3. Moist curing of slabs-on-ground is required.
4. Care shall be taken to prevent water intrusion into the subgrade both prior to and after slab pour.
5. Contraction joints (control joints) shall be installed on all concrete slabs on grade. Verify locations of all joints with Architect prior to placing concrete. The joints shall be spaced no further than 36 times the slab thickness or 15 ft. L or T shapes be avoided when placing crack control joints. If the shape of the area contained by the crack control joints is not square, the aspect ratio of this area should not exceed 1.5 to 1. The control joints should be placed such that they are continuous and not staggered or offset. Placement shall be in accordance with ACI 302.1.
 - a) The timing of early entry slab saw cuts is critical to slab curing performance. Saw cuts for control joints (contraction joints) shall be made at the earliest possible time so that the concrete will support the weight of saw cutting equipment and operations. The timing of early entry saw cuts shall vary between 1 hour in hot weather and 4 hours in cold weather. Early entry dry cut saws shall use a skid plate to prevent spalling.
 - b) Early entry dry cut saw should be 1 inch into the depth of the slab. The slab shall be cut to 1/4 of the slab depth to deepen the 1-inch nominal early entry saw cut within 24 hours.
 - c) A construction or smooth doweled saw cut contraction joint shall be placed at a maximum of 125 ft.
 - d) All joints shall be filled to the full joint depth with semi-rigid joint filler in areas exposed to vehicular traffic. Overfill joint and trim joint filler flush with top of joint after hardening.
6. Concrete containing air-entraining admixture shall not be trowel finished.

F. CONCRETE PLACEMENT & TESTING

1. Unless otherwise indicated, five test cylinders shall be made every fifty cubic yards of concrete or fraction thereof on each day's pour. One cylinder shall be tested at 7 days and three at 28 days. The remaining cylinder shall be held in reserve as a spare. The making and testing of cylinders shall be conducted by an approved testing laboratory; contractor shall bear the cost of testing.
 - a) Before test sampling and placing concrete, water may be added at Project site, subject to limitations of ACI 301.
 - b) Do not add water to concrete after adding high-range water-reducing admixtures to mixture.
2. Consolidate placed concrete with mechanical vibrating equipment according to ACI 301.
3. Do not use vibrators to transport concrete inside forms. Insert and withdraw vibrators vertically at uniformly spaced locations to rapidly penetrate placed layer and at least 6 inches into preceding layer. Do not insert vibrators into lower layers of concrete that have begun to lose plasticity. At each insertion, limit duration of vibration to time necessary to consolidate concrete and complete embedment of reinforcement and other embedded items without causing mixture constituents to segregate.
4. Maintain ALL reinforcement in position on chairs during concrete placement.

G. COLD WEATHER CONCRETING

1. All cold weather concrete work shall meet the requirements of ACI Committee 306, latest edition for cold weather concreting, if, for 3 consecutive days the average daily temperature drops below 40°F and stays below 50°F for more than one-half of any 24-hour period.
 2. Do not use frozen materials containing ice or snow.
 3. Do not place concrete on frozen subgrade or on subgrade containing frozen materials.
 4. The use of calcium chloride, salt, or other materials containing antifreeze agents or chemical accelerators is not permitted; the contractor shall utilize a high early strength mix design.

H. HOT WEATHER CONCRETING

1. All hot weather concrete work shall be in accordance with ACI 301. Maintain concrete temperature below 90°F at time of placement. Chilled mixing water or chopped ice may be used to control temperature, provided water equivalent of ice is calculated to total amount of mixing water.
2. Fog-spray forms, steel reinforcement, and subgrade just before placing concrete. Keep subgrade uniformly moist without standing water, soft spots, or dry areas.

I. EMBEDDED CONDUIT

1. Embedded conduits and/or pipes shall not be installed in slabs or columns, unless approved by the structural engineer, prior to construction.
2. Conduits and/or pipes shall be protected against rusting. Aluminum conduits and/or pipes shall not be embedded in concrete.

V. CARPENTRY

- A. Dimensional lumber shall conform to the grading standard of the Western Wood Products Association (WWPA), surface dry, seasoned 90 days, and 19 percent maximum moisture content.
 1. Wood-Preservative-Treated Lumber shall be utilized as follows:
 - a) Items in contact with concrete or masonry.
 - b) Framing less than 18" above ground in crawlspaces.

- c) Floor plates installed over concrete slabs-on-grade.
2. Preservative Treatment: AWPA C2 with chemicals containing no arsenic or chromium.
 - a) AWPA C31 inorganic boron may be used in protected locations.

B. Wood Design Values

1. Douglas Fir #1 (posts & timbers)
 - a) $F_b = 1,350$ psi, $F_t = 675$ psi, $F_v = 170$ psi, $F_c = 925$ psi, $E = 1,600,000$ psi
2. Hem Fir #2 (studs and headers)
 - a) $F_b = 850$ psi, $F_t = 525$ psi, $F_v = 150$ psi, $F_c = 1,300$ psi, $E = 1,300,000$ psi

C. INSTALLATION

1. Roof sheathing shall be 19/32" O.S.B., Structural 1, unblocked. Nailing pattern = 10d common nails @ 6" o.c. edges and 12" o.c. field w/ edge supporting clips, UON. Fire rated O.S.B. shall be provided to 4'-0" on each side of party walls at the roof level.
2. Wall sheathing shall be 7/16" O.S.B., Structural 1, blocked. Nailing pattern = 8d common nails @ 6" o.c. edges and 12" o.c. field, UON.
3. All prefab connectors (Simpson, etc.) shall be fully fastened using type, size and quantity specified by the manufacturer. All exterior connectors shall be galvanized. General contractor to submit connection schedule to architect/engineer prior to installation.

D. FASTENING

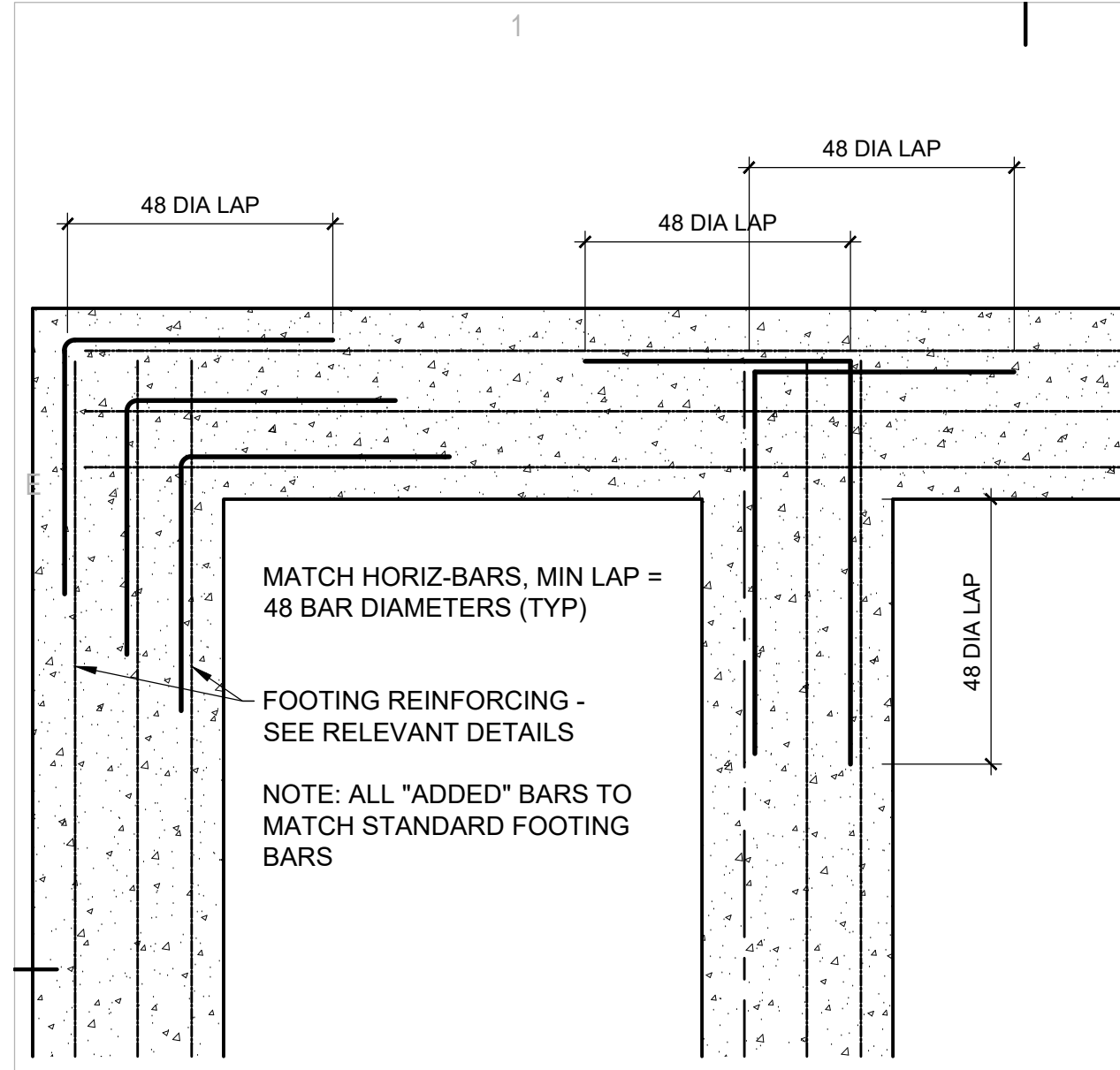
1. All fastening to be in accordance with IBC Fastening Schedule Table 2304.10.1, UON.

VI. PREFABRICATED WOOD TRUSSES

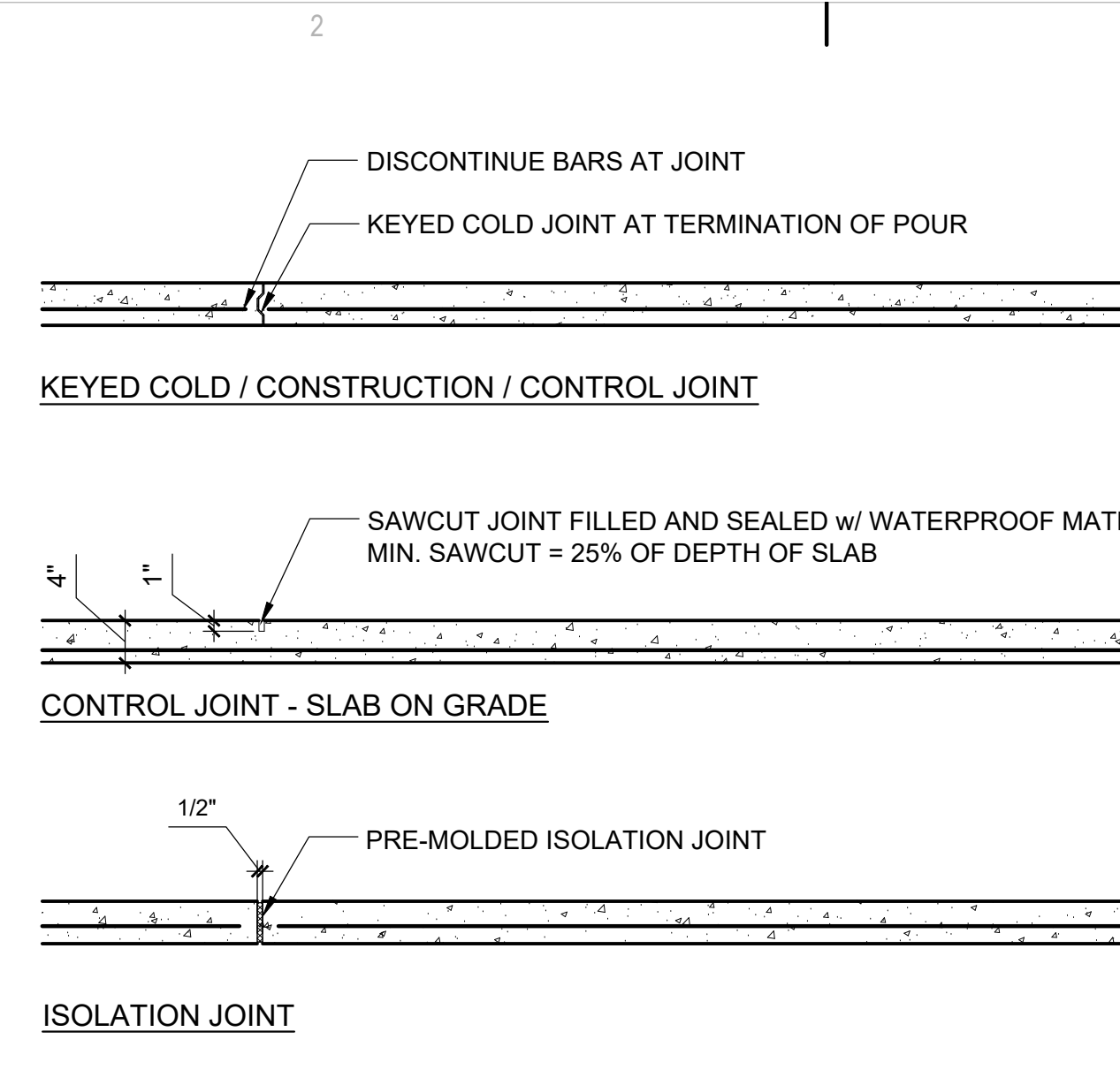
- A. Engineering design drawings bearing the seal of the Registered Engineer preparing the design shall be provided to the Engineer for approval.
- B. Truss designs shall be in accordance with the latest version of ANSI/TP1 National Design Standard for Metal Plates Connected Wood Construction, a publication of Truss Plate Institute and generally accepted engineering practice.
- C. Design for loads shown. Limit total deflection to L/240. Limit total deflection to L/480 for brittle finishes.
- D. Delivery, handling, and erection of trusses shall be in accordance with the "TPI Quality Standard for Metal Plate Connected Wood Trusses," published by Truss Plate Institute.
- E. It is the responsibility of the installer to select the most suitable method and sequence of installation available to him which is consistent with the plans and specifications and such other information which may be furnished to him prior to installation. Trusses may be installed either by hand or by mechanical means. The method generally depends upon the span of the trusses, their installed height above grade, and/or the accessibility or availability of mechanical installation equipment (such as a crane or forklift). The installer should be knowledgeable about the truss design drawings, truss placement plans, and all notes and cautions thereon.
- F. Temporary or installation bracing is the responsibility of the installer. Temporary bracing should remain in place as long as necessary for the safe and acceptable completion of the roof or floor and may remain in place after permanent bracing is installed.
- G. Trusses shall not be modified on-site. Do not cut truss chords or webs or modify trusses in any way during construction.

VII. ENGINEERED WOOD PRODUCTS

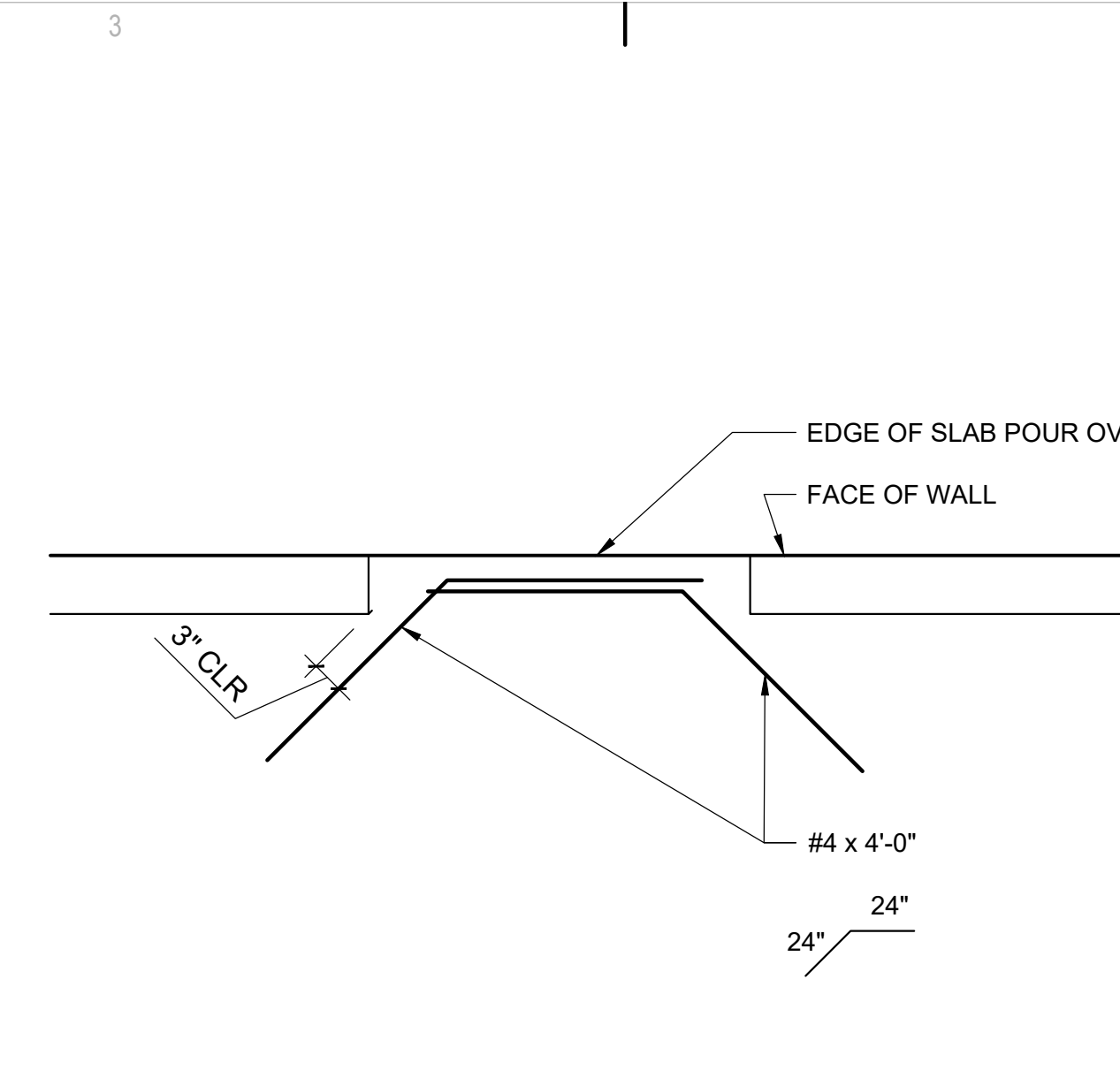
- A. Structural Composite Lumber
 1. Structural composite lumber shall have a current product evaluation report from the International Code Council (ICC) Evaluation Services. Structural glued laminated timber (glulam) shall be manufactured per standard ANSI 190.1.
 2. Structural composite lumber grades shall be as follows.
 - a) Boise Cascade
 - (1) LVL, PSL (ESR 1040):
 - (a) VERSA-LAM 2.1 3100
 - (2) Glulam (AITC or APA)
 - (a) BOISE GLULAM 24F-V4/DF
- B. Engineered Wood Provisions
 1. Contractor shall submit a complete set of design calculations and layout drawings prepared by the manufacturer for review and approval by the architect and project engineer.
 2. The contractor shall be responsible for proper installation per detailed installation suggestions and guidelines of the manufacturer.
 3. Contractor shall notify the project engineer prior to enclosing the beams and joists to provide opportunity for observation of the installation.
 4. The manufacturer shall warrant all products specified to be free from manufacturing error or defects in workmanship and materials.
 5. Temporary construction loads which cause stresses beyond the product's design limits are not permitted.
 6. All framing hardware must be the type specified by the engineered wood products manufacturer for the product and approved by the hardware manufacturer for installation.
 7. Joists and beams shall be erected and installed in accordance with the following:
 - a) No building, structure, or part thereof, or any temporary support or scaffolding in connection therewith shall be loaded more than its designed capacity.
 - (b) Bracing
 - (1) Joists and beams shall be braced laterally and progressively during construction to prevent buckling or overturning.
 - (2) The first member shall be plumbed, connected, braced and/or guyed against shifting before succeeding members are erected and secured to it.
 - (3) The total system shall be adequately braced and stabilized to the foundation, to suitable anchors buried in the ground, or by other equivalent methods).
 - (4) Beams and other material being lifted and placed by cranes or other hoisting apparatus shall not be released from the crane or hoisting apparatus until the person detaching the load has verified that the load has been secured or supported to prevent inadvertent movement.
 8. All engineered wood products shall be protected from the weather during construction. Wood joists shall be stored in a vertical orientation.
 9. Wood I-joist flanges may NOT be notched or cut. All holes in engineered wood products are only as detailed by the manufacturer or as approved by the project engineer.
 10. Minimum bearing lengths shall be as specified per the design calculations. Bearing across the full width of the beam or joist is required.



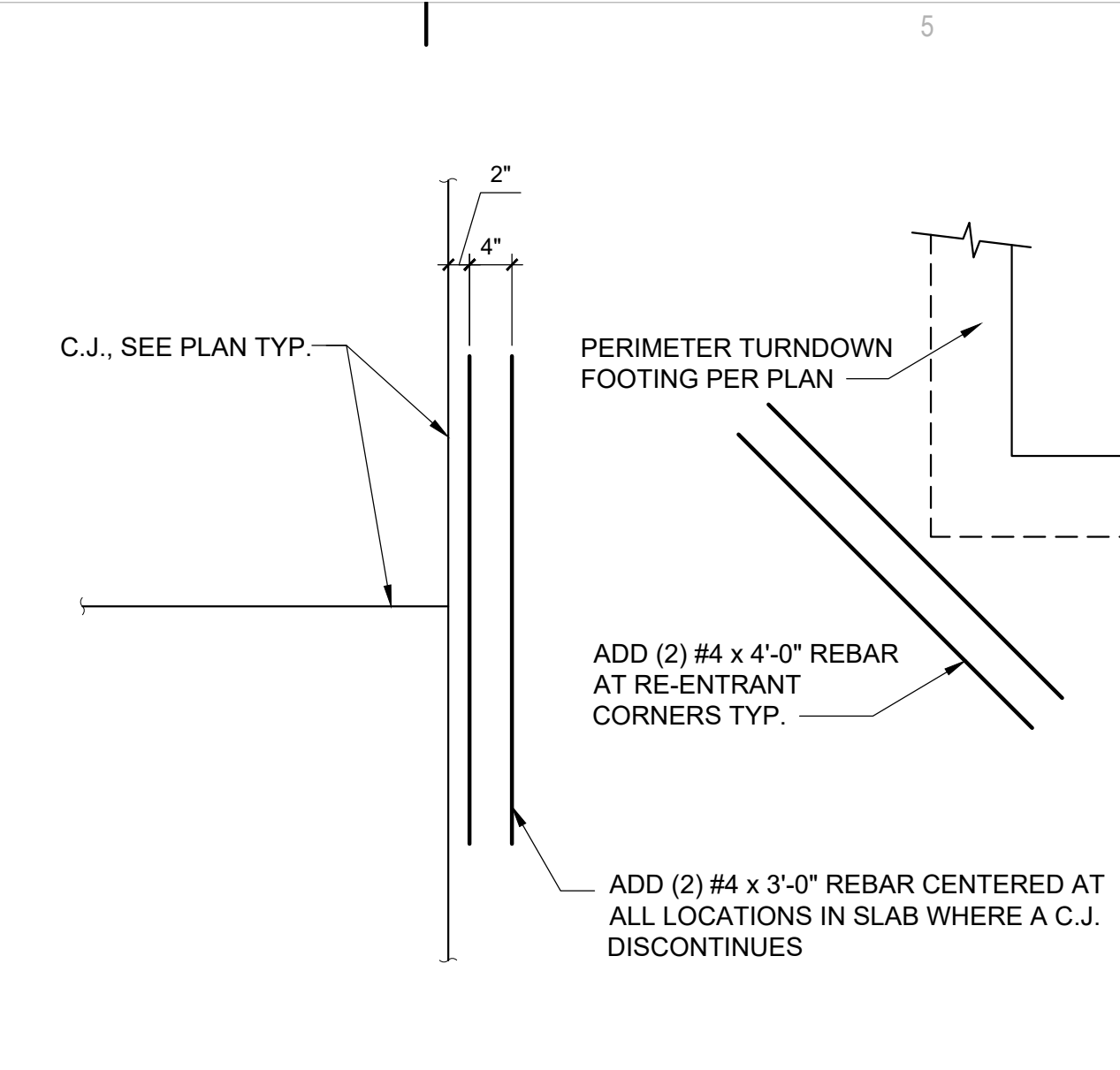
1 FOOTING CORNER AND INTERSECTION REINF.
S004 / 3/4" = 1'-0"



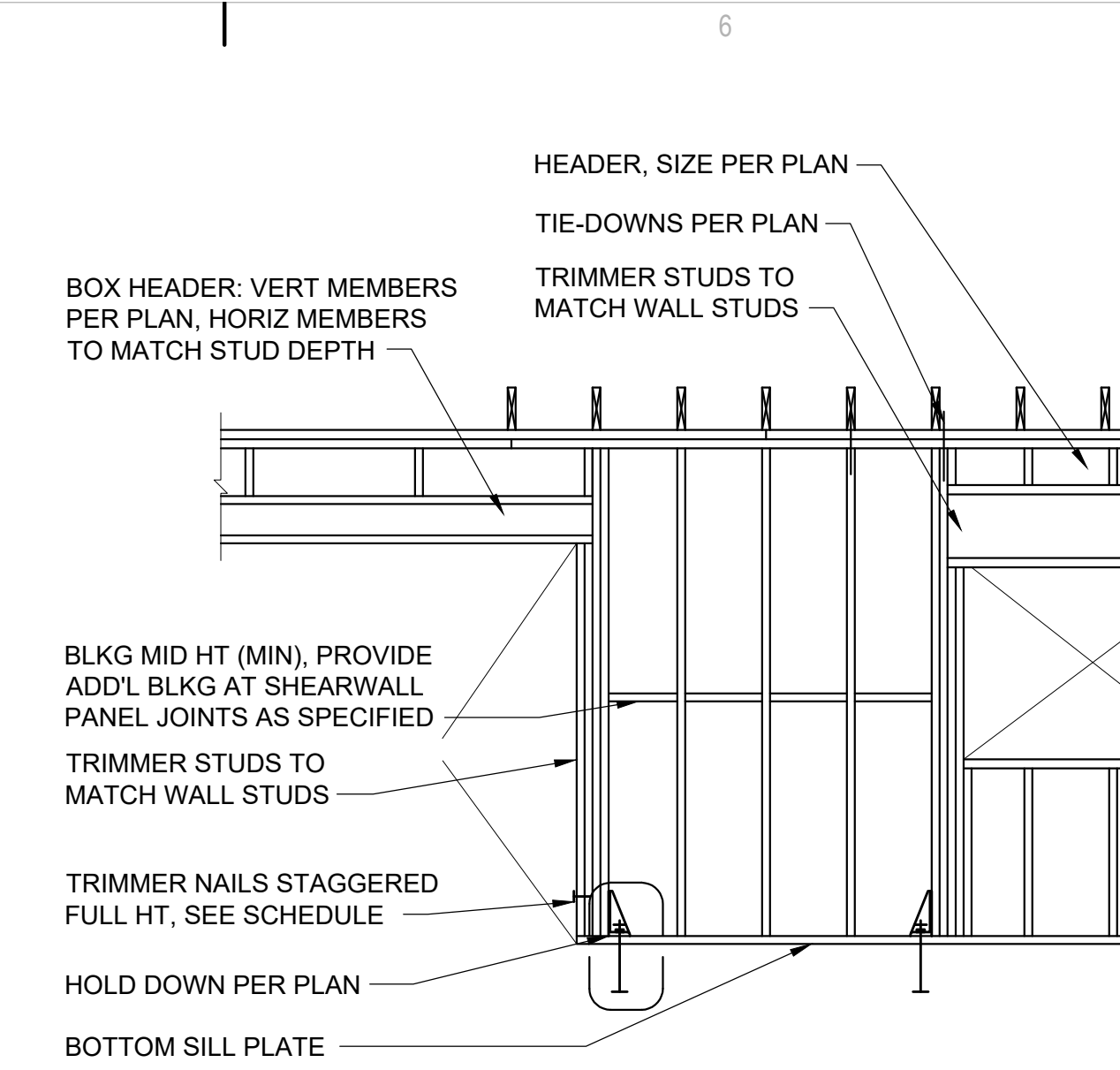
2 SLAB ON GROUND CONTROL JOINTS
S004 / 3/4" = 1'-0"



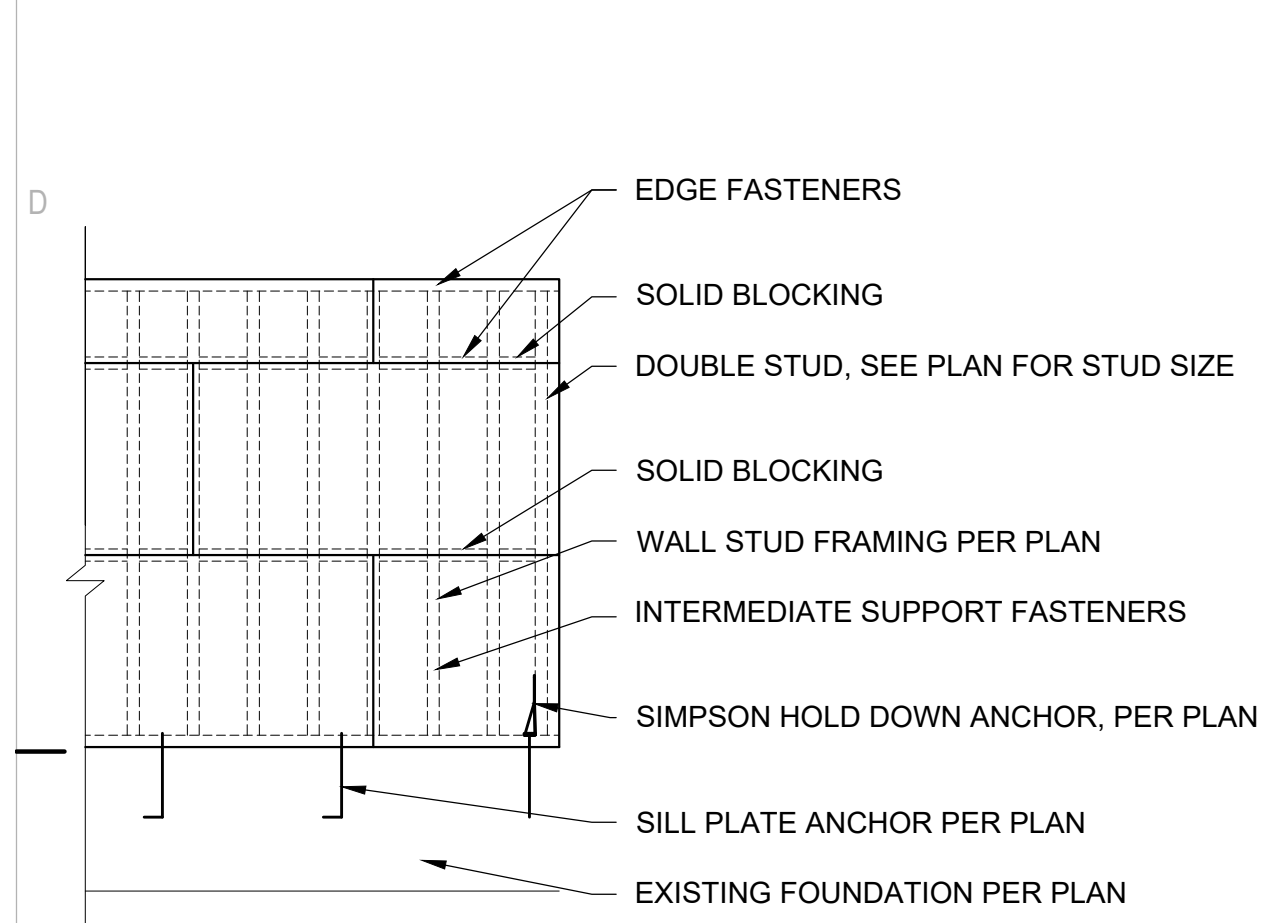
3 SLAB REINFORCING AT DOOR OPENING
S004 / 3/4" = 1'-0"



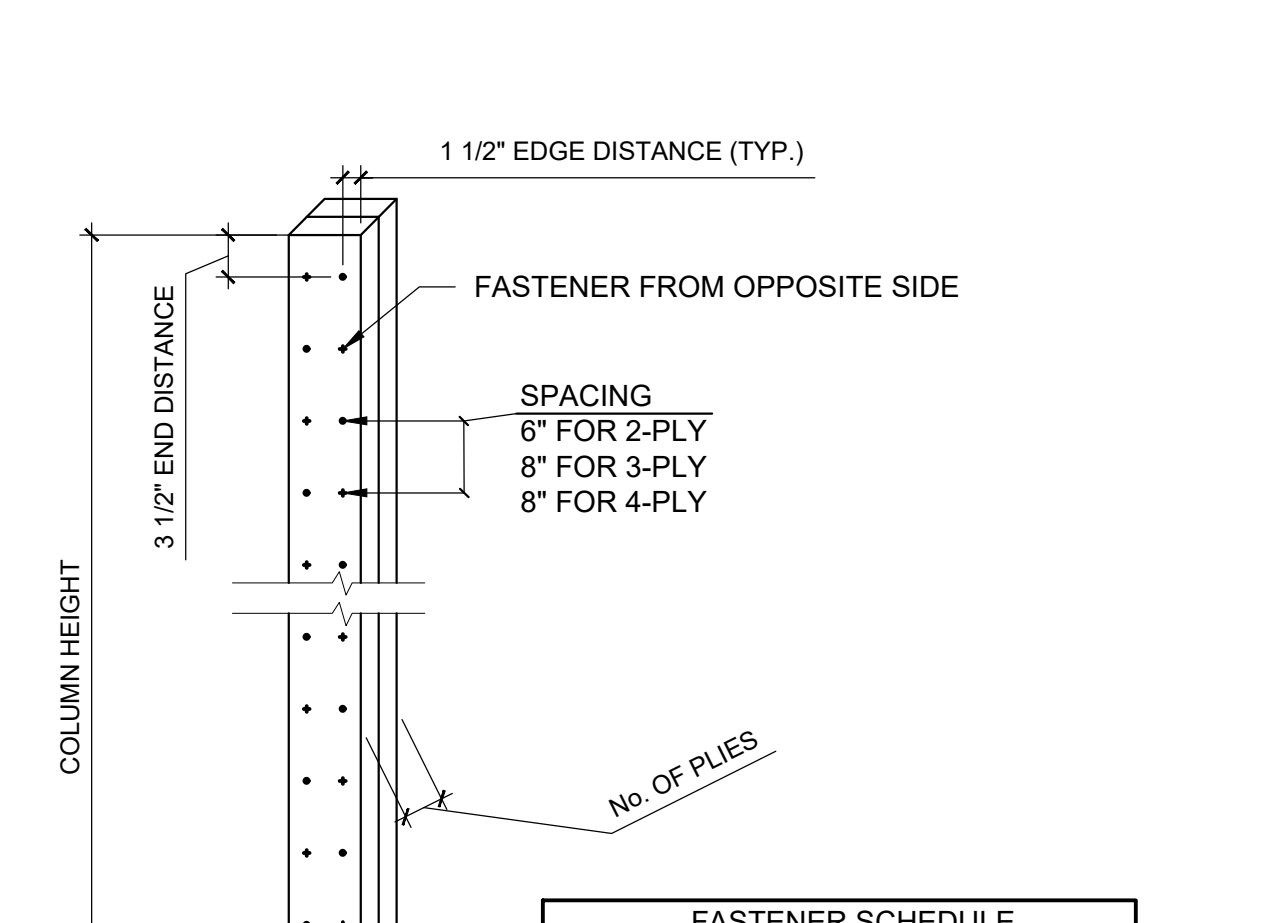
4 CRACK WIDTH CONTROL REINFORCING PLACEMENT
S004 / 3/4" = 1'-0"



5 TYPICAL WOOD WALL CONSTRUCTION
S004 / 3/4" = 1'-0"

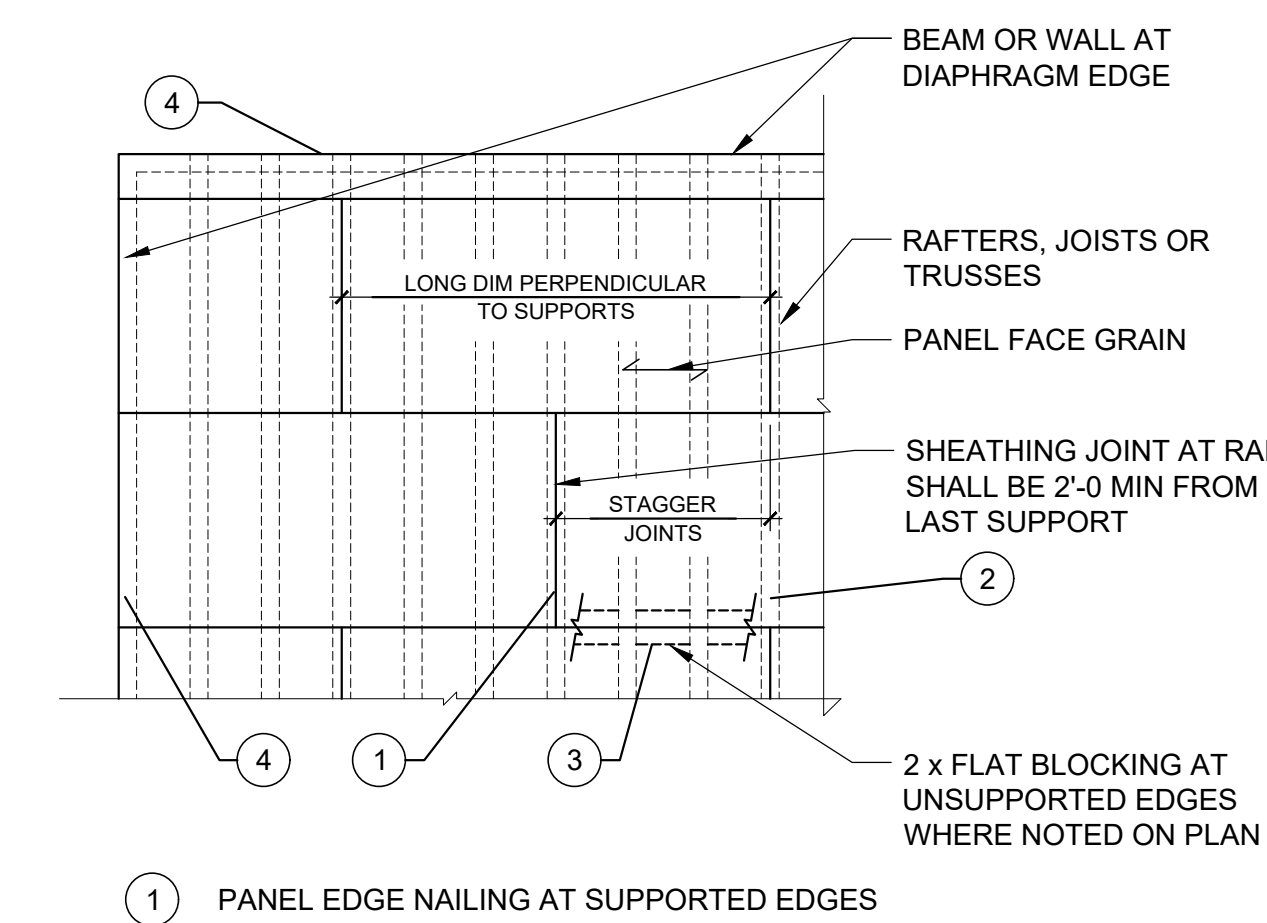


6 TYPICAL WOOD FRAMED SHEAR WALL
S004 / 3/4" = 1'-0"



7 TYPICAL BUILT-UP 2x COLUMN - 2x6 AND LARGER
S004 / 3/4" = 1'-0"

| FASTENER SCHEDULE | |
|-------------------|-------------------|
| No. OF PLYS | FASTENER |
| 2-PLY | 10dNAIL (3") |
| 3-PLY | SDW22438 (4-3/8") |
| 4-PLY | SDW22600 (6") |



8 TYP WOOD ROOF DIAPHRAGM
S004 / N.T.S.

- 1 PANEL EDGE NAILING AT SUPPORTED EDGES
- 2 FIELD NAILING
- 3 PANEL EDGE NAILING AT BLOCKED EDGES
- 4 BOUNDARY NAILING



SANTA FE COUNTY -
ABEDON LOPEZ SENIOR
CENTER

155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

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| Revision Schedule | | |

ISSUE: 100% CD
PROJECT NUMBER: 2394
FILE:
DRAWN BY: JAR
CHECKED BY: JJS / AEL
DATE: SEPTEMBER 8, 2023

SHEET TITLE

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CONSULTANTS



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Architect Engineer



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FOUNDATION PLAN

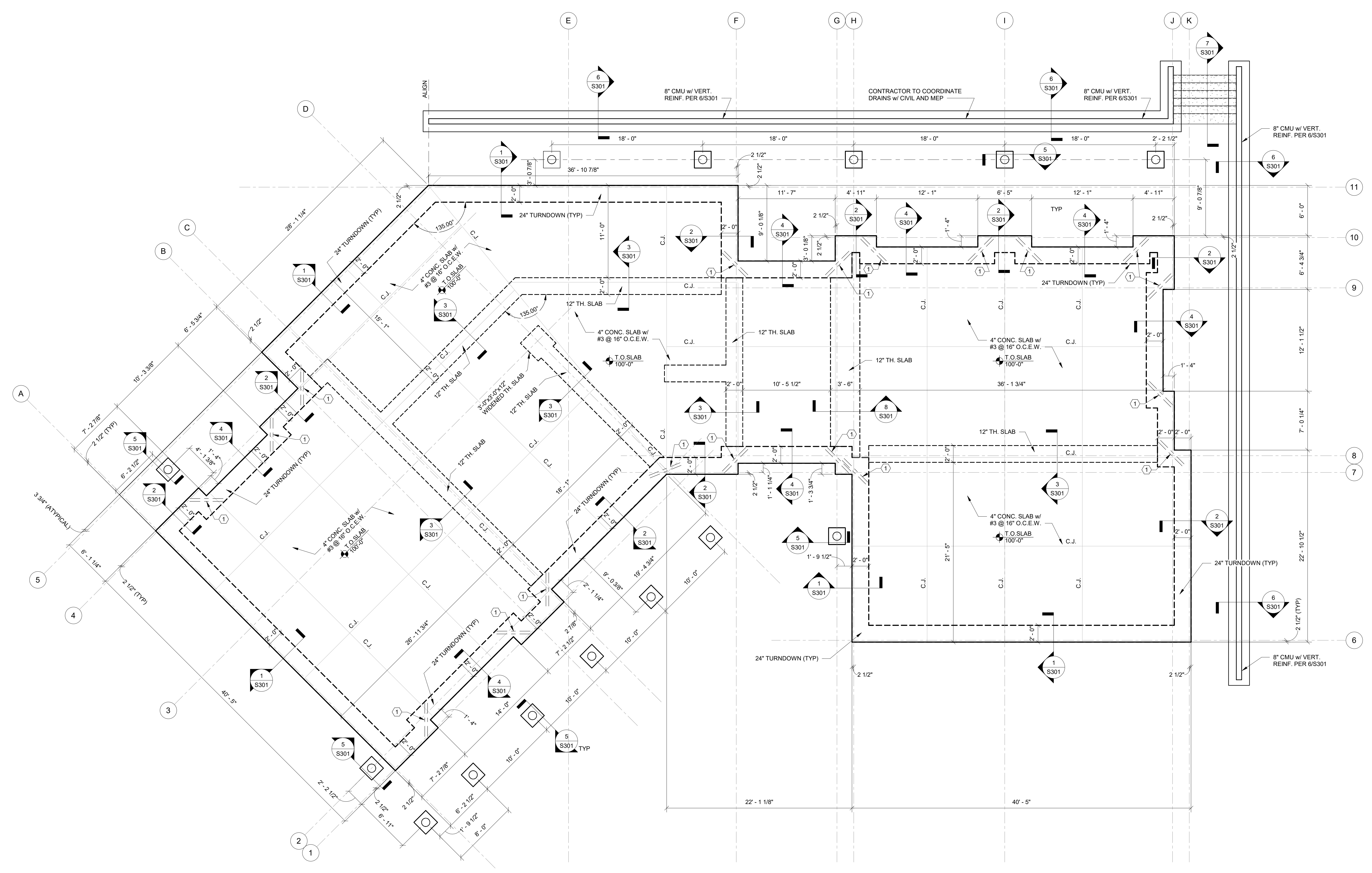
S101

GENERAL NOTES

REFER TO CIVIL AND ARCHITECTURAL PLANS FOR SITE ELEVATION BENCH MARK
CONTRACTOR TO COORDINATE ALL CONTROL JOINT LOCATIONS w/ ARCHITECT
PLAN DIMENSIONS ARE TO OUTSIDE FACE OF CONCRETE TURNDOWN

KEYED NOTES

(1) #3 x 4'-0" AT RE-ENTRANT CORNERS



A1 FOUNDATION
3/16" = 1'-0"

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SHEET TITLE
ROOF FRAMING PLAN

S201

GENERAL NOTES

TYPICAL EXTERIOR SHEATHING: 7/16" OSB SHEATHING ON EXTERIOR FACE w/ 8d COMMON NAILS @ 6" O.C. EDGES / 12" O.C. FIELD. ALL SHEATHING EDGES BLOCKED. SILL PLATE ANCHORAGE: 5/8" DIA x 10" AB @ 48" O.C. EMBED 7" MIN.

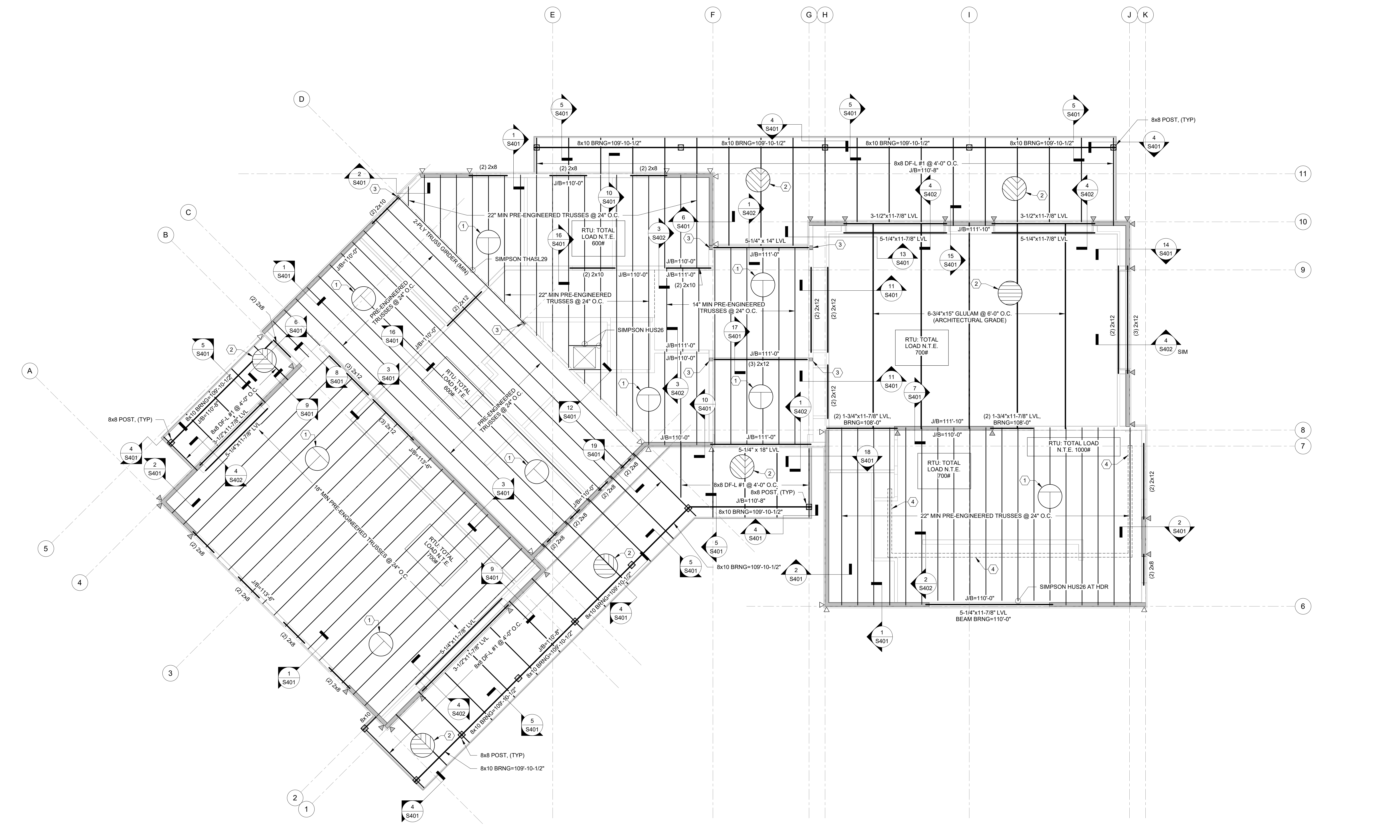
ALL MULTI-PLY EXTERIOR HEADERS TO BE CONSTRUCTED WITH A BOX HEADER CONFIGURATION

KEYED NOTES

- ① 19/32" OSB SHEATHING w/ 10d COMMON NAILS @ 6" O.C. EDGES / 12" O.C. FIELD w/ EDGE CLIPS
- ② 2x6 T&G DECKING w/ (3) 16d COMMON NAILS AT END SUPPORTS AND (2) 16d COMMON NAILS AT INTERMEDIATE SUPPORTS
- ③ (3) HF #2 2x6 STUD PACK
- ④ 4'-0" MECHANICAL SCREEN WALL. TRUSS MANUFACTURER TO COORDINATE APPLIED MOMENT OF 1100 LB-FT AT WALL LOCATION. SEE 2/S402

LEGEND

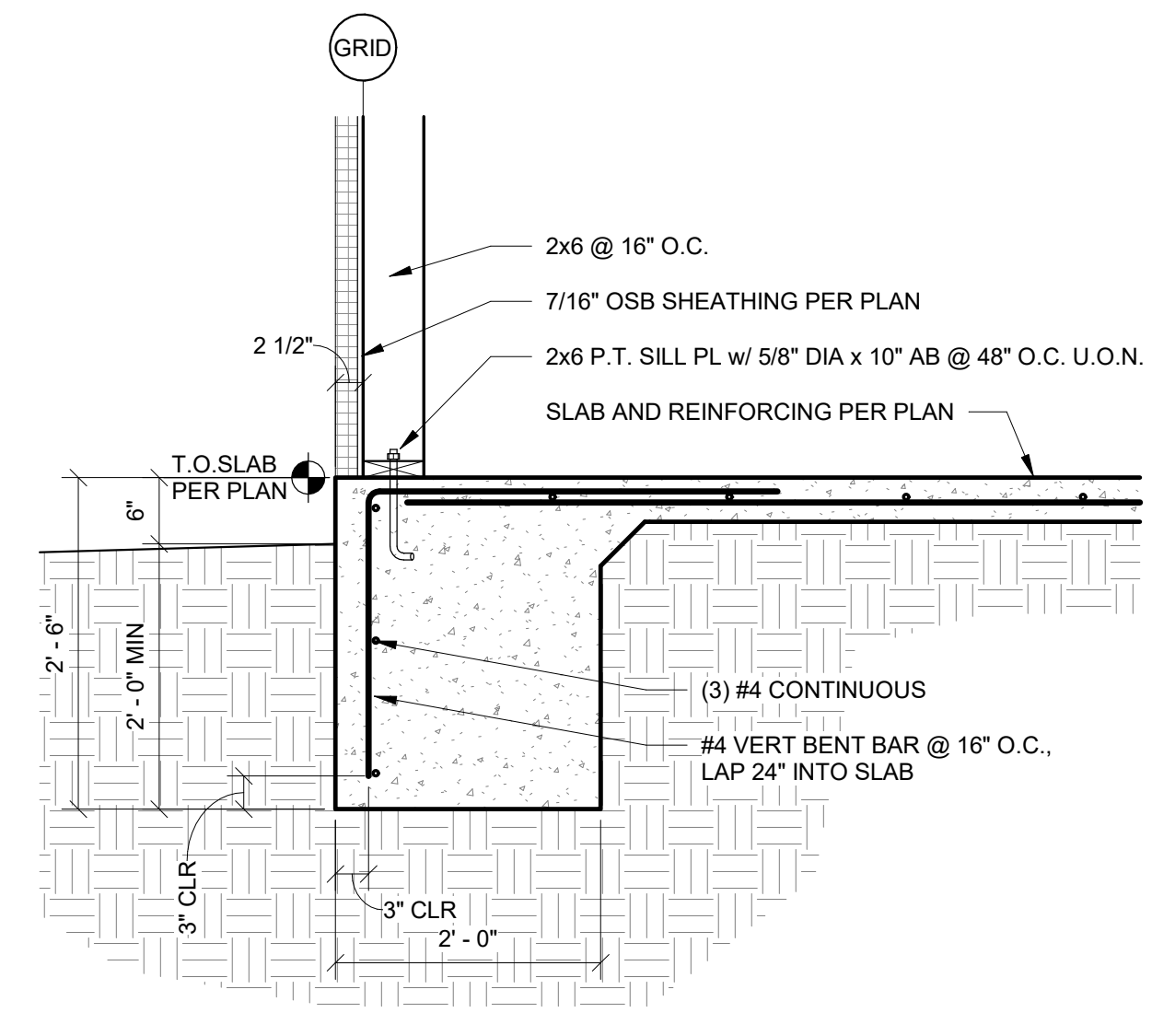
- ▲ SIMPSON DTT22 w/ 1/2" DIA. TH. ROD w/ SIMPSON SET-XP EPOXY GROUT 8" MIN
- ▲ SIMPSON HDU4-SDS2.5 w/ 5/8" DIA. TH. ROD w/ SIMPSON SET-XP EPOXY GROUT 13" MIN
- 7/16" OSB SHEATHING ON EXTERIOR FACE w/ 8d COMMON NAILS @ 6" O.C. EDGES / 12" O.C. FIELD. ALL SHEATHING EDGES BLOCKED. SILL PLATE ANCHORAGE: 1/2" DIA x 10" AB @ 32" O.C. w/ 3x3x1/4" WASHERS, EMBED 7" MIN.



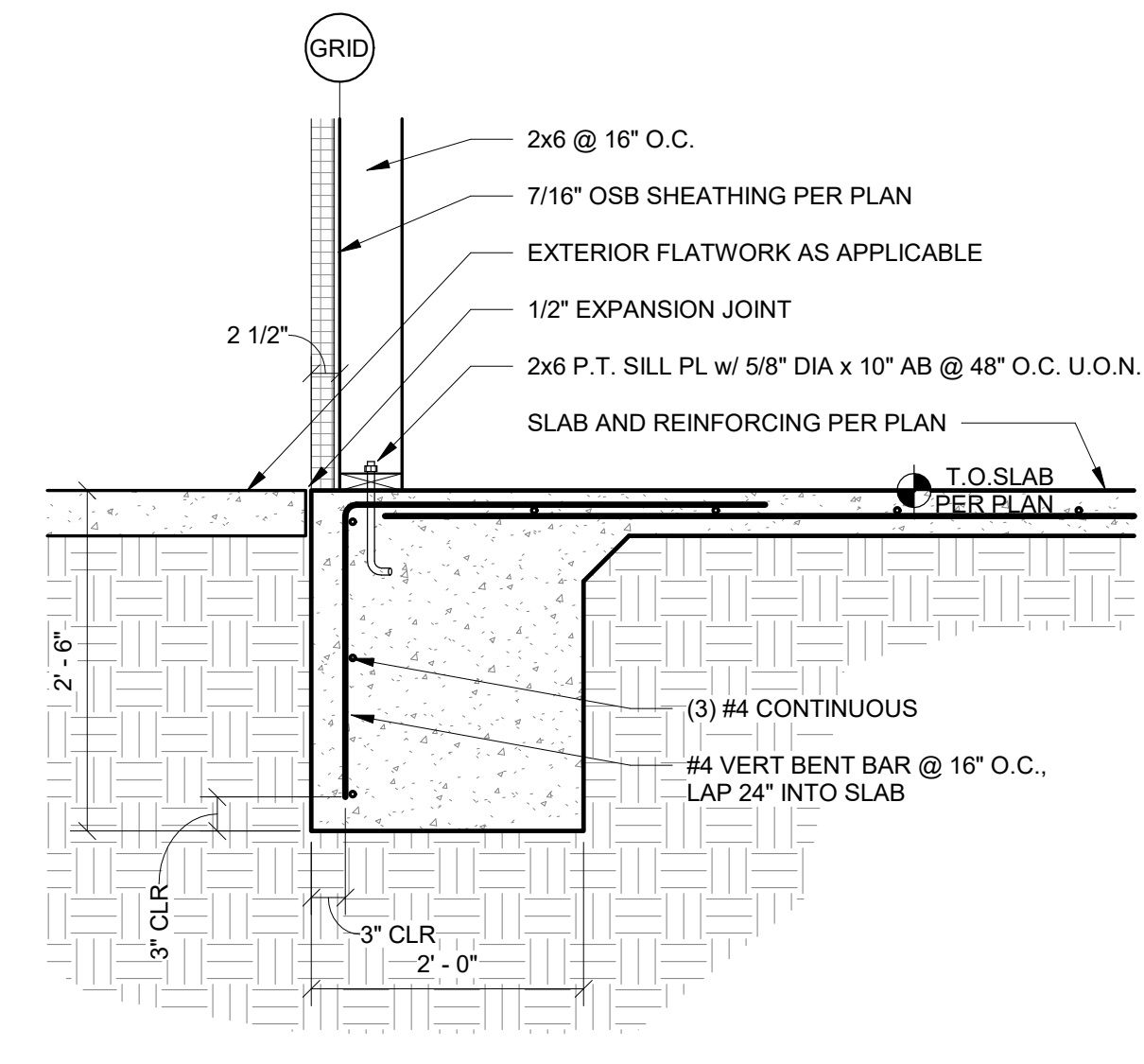
ROOF FRAMING
3/16" = 1'-0"

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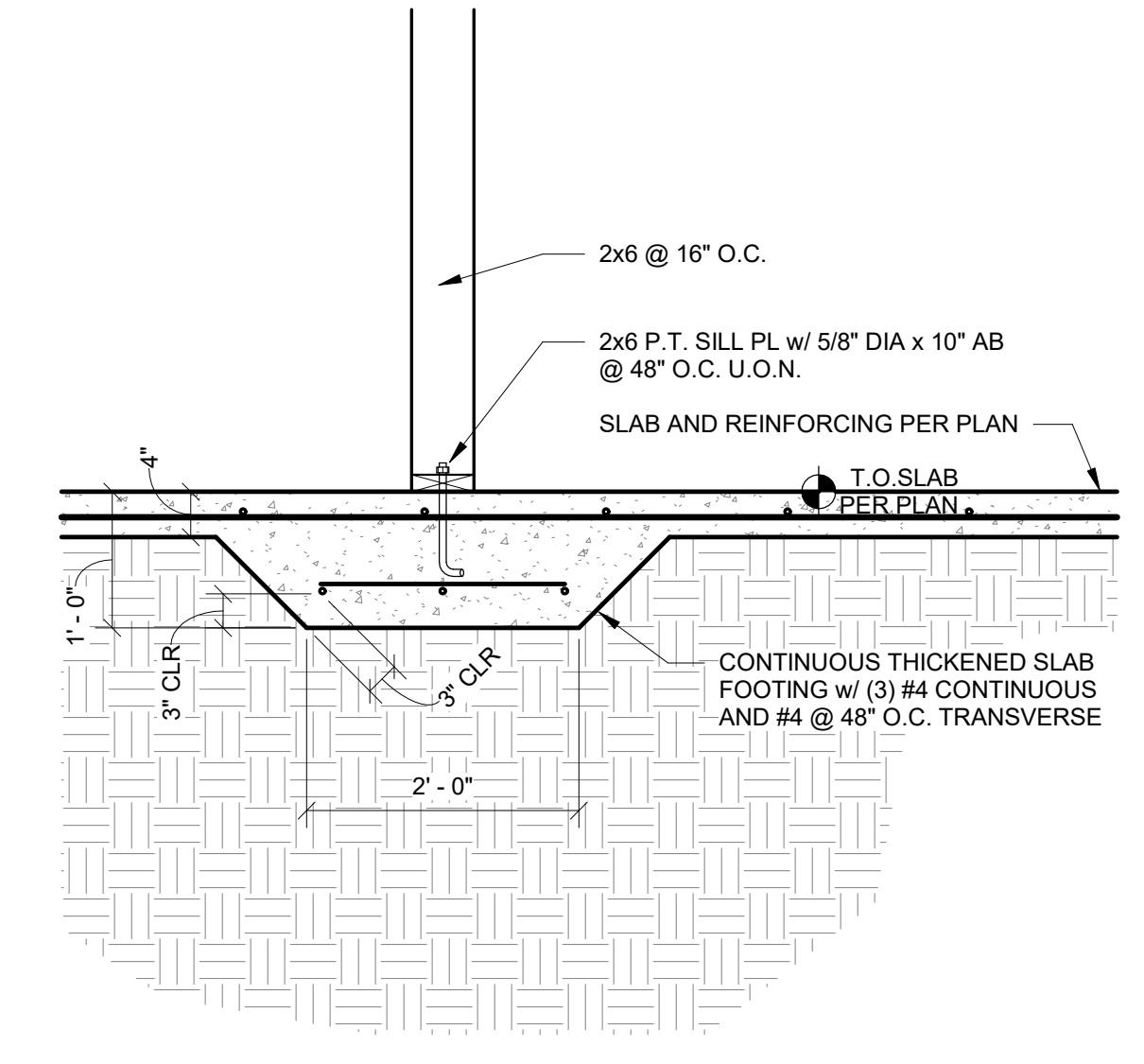
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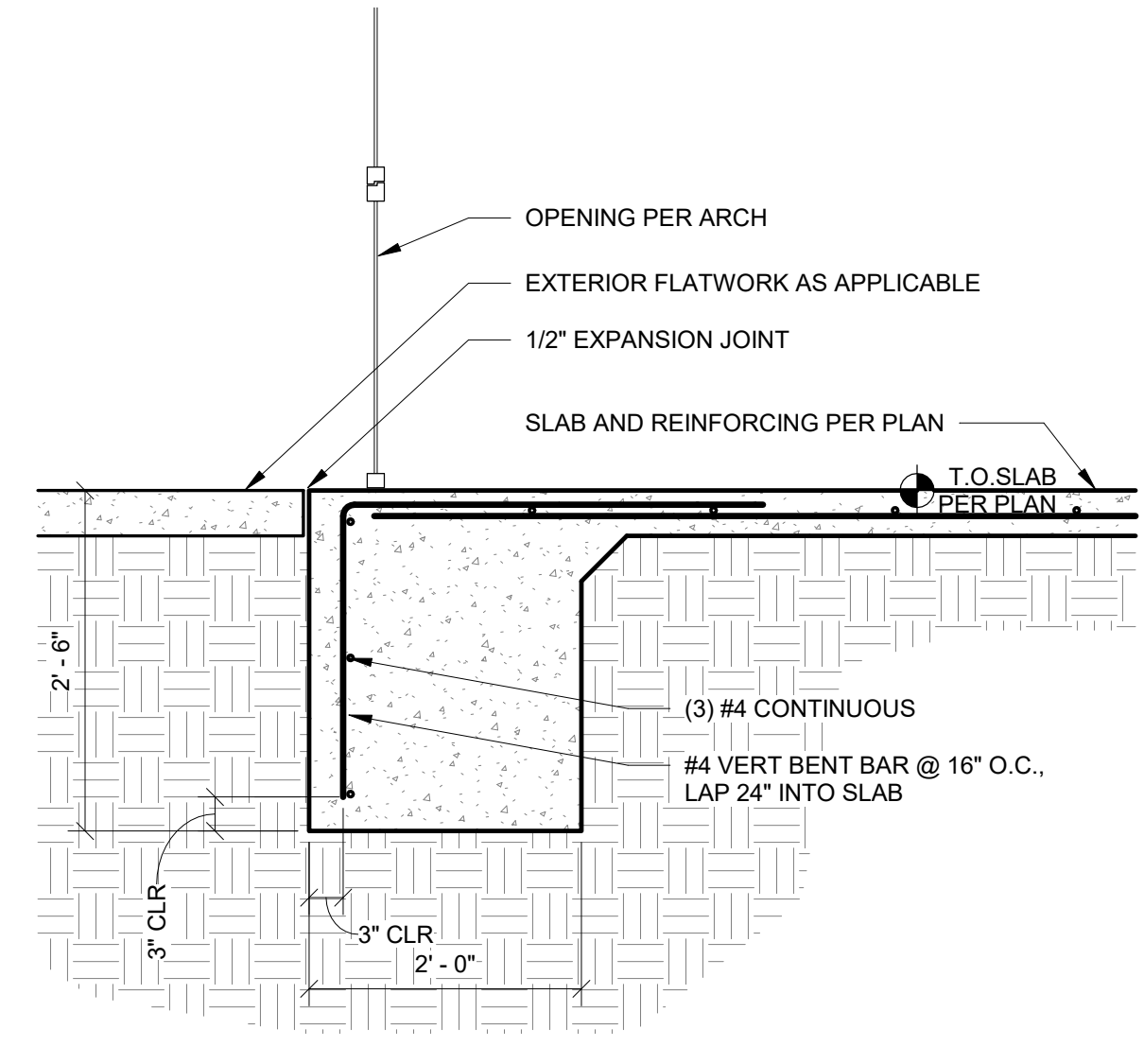
1 MONOLITHIC TURN DOWN SLAB
3/4" = 1'-0"



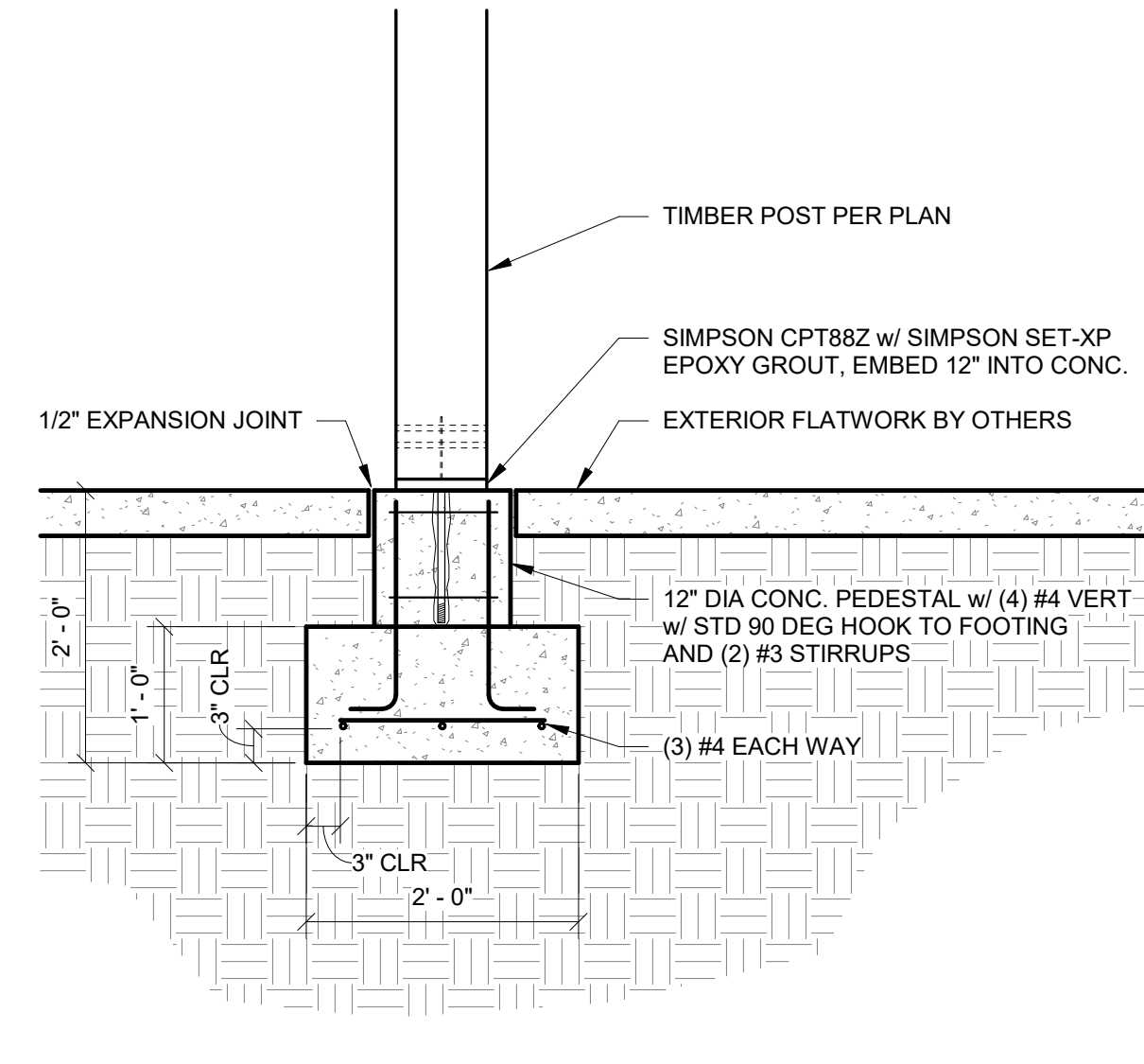
2 MONOLITHIC TURN DOWN SLAB ADJACENT TO EXTERIOR SLAB
3/4" = 1'-0"



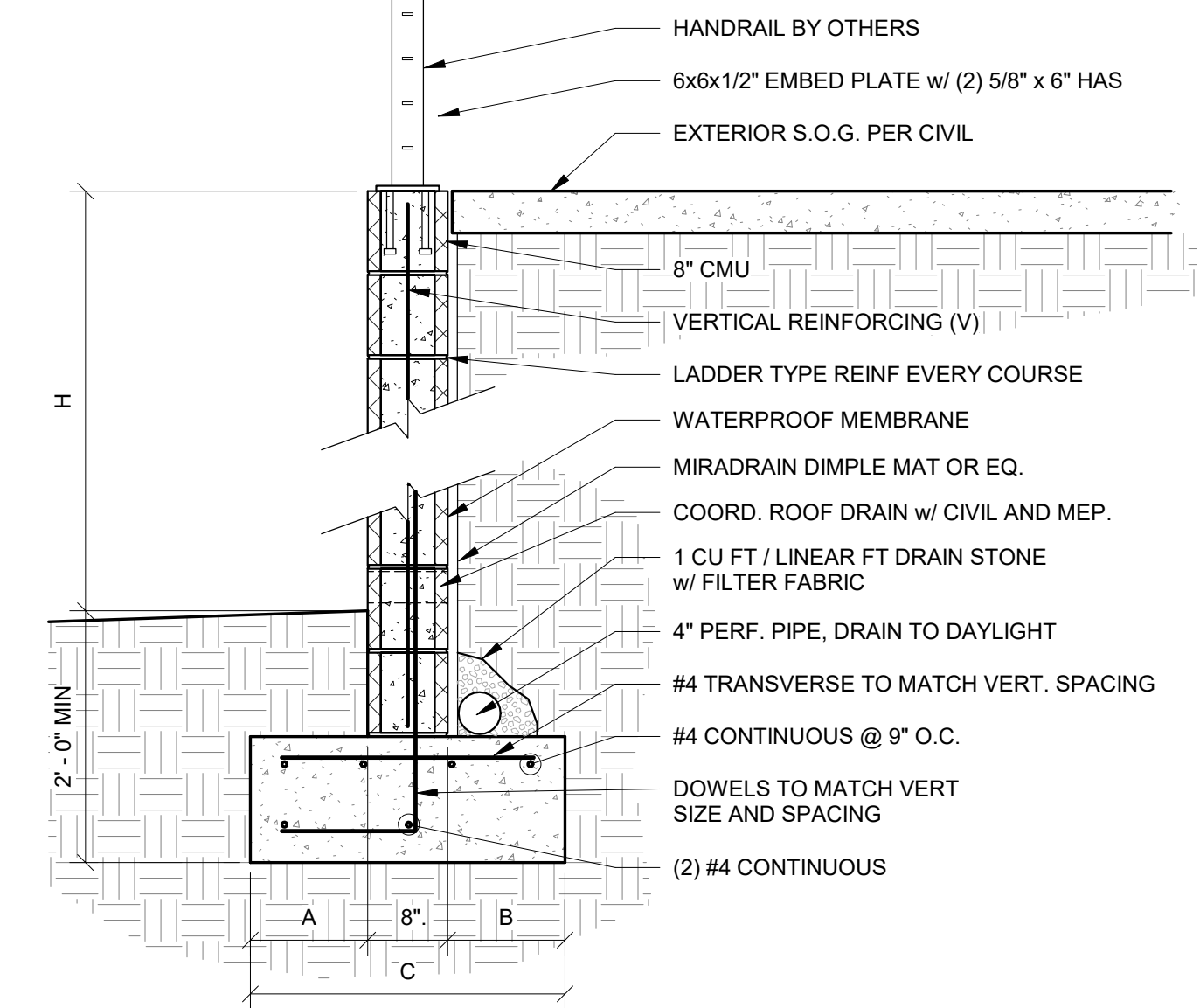
3 INTERIOR THICKENED SLAB
3/4" = 1'-0"



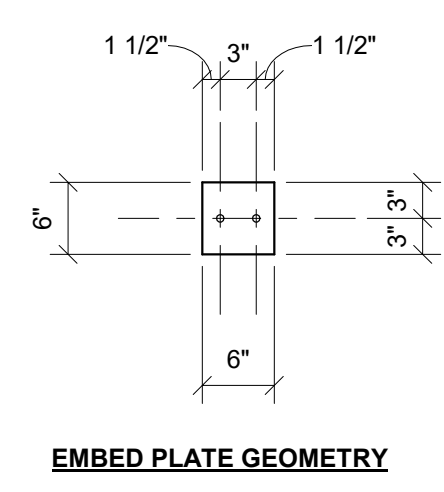
4 MONOLITHIC TURN DOWN SLAB AT OPENINGS
3/4" = 1'-0"



5 TIMBER COLUMN TO FOOTING
3/4" = 1'-0"

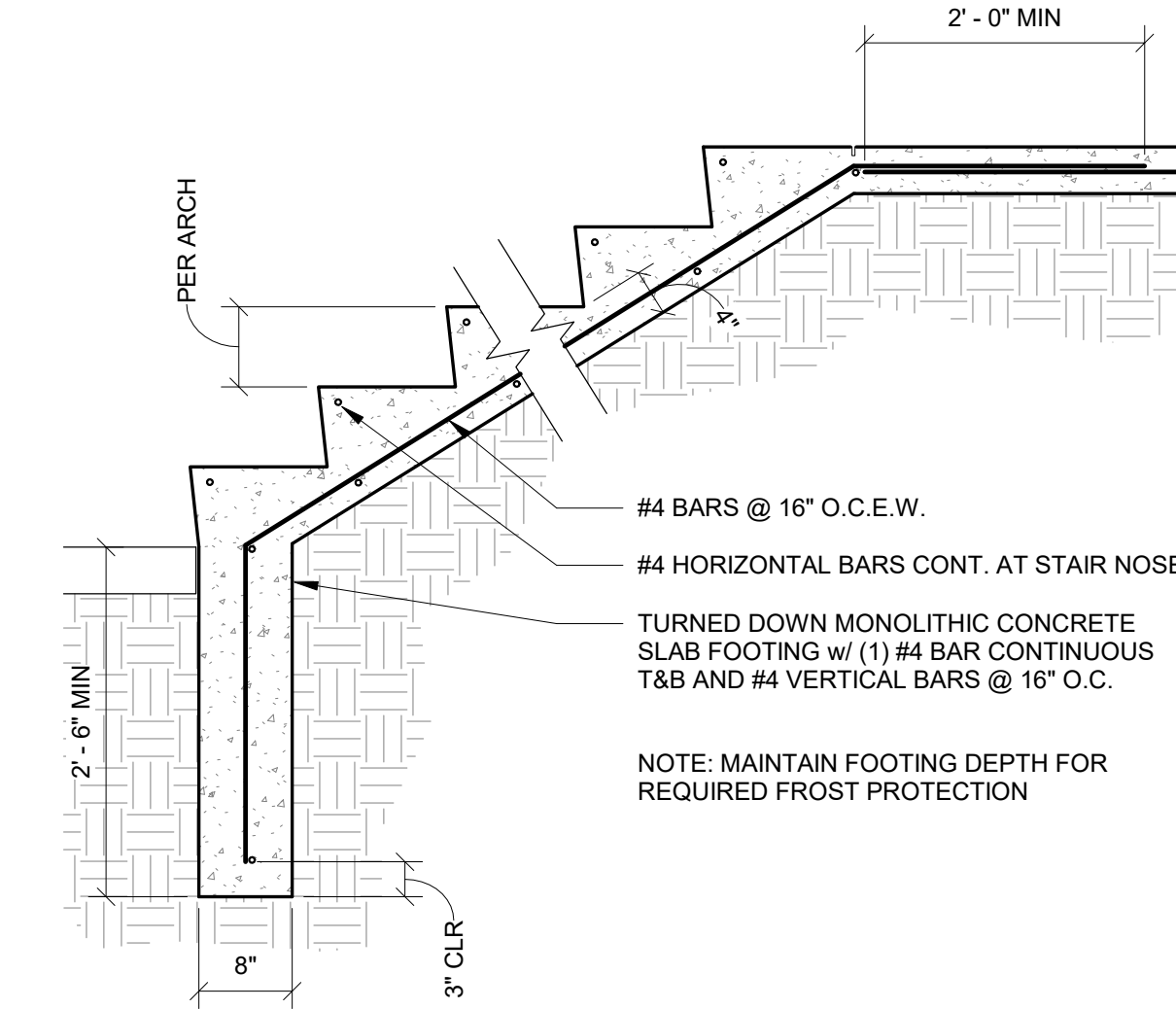


6 CMU RETAINING WALL
3/4" = 1'-0"

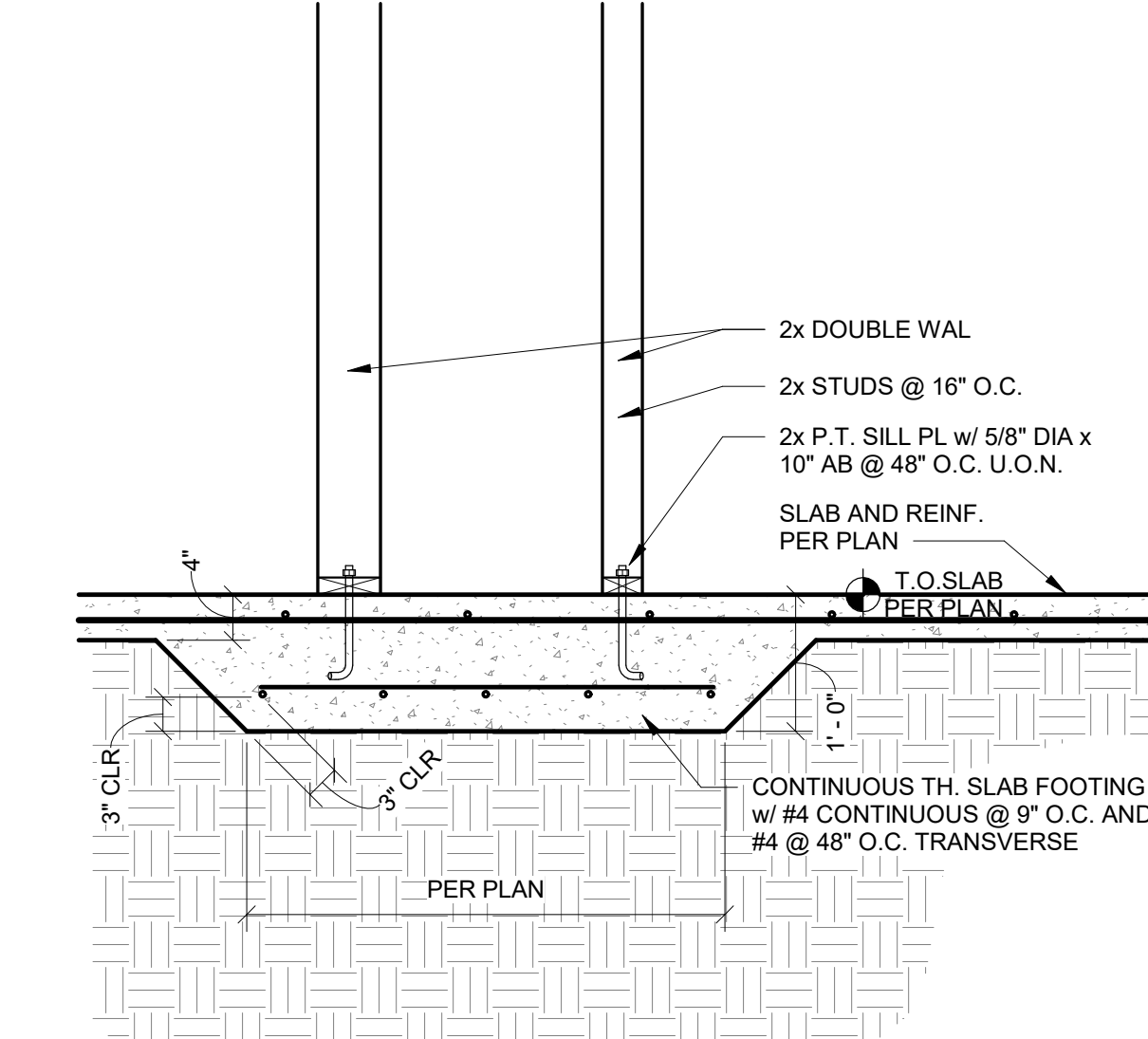


EMBED PLATE GEOMETRY

| RETAINING WALL SCHEDULE | | | | |
|-------------------------|----|-------|-------|---------------|
| H | A | B | C | V |
| ≤ 6'-0" | 8" | 3'-2" | 4'-6" | #5 @ 16" O.C. |
| ≤ 4'-0" | 8" | 1'-2" | 2'-6" | #4 @ 16" O.C. |
| ≤ 2'-0" | 8" | 8" | 2'-0" | #4 @ 24" O.C. |



7 MONOLITHIC CONCRETE STAIRS ON GRADE
3/4" = 1'-0"



8 INTERIOR THICKENED SLAB AT DOUBLE WALL
3/4" = 1'-0"



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FOUNDATION DETAILS

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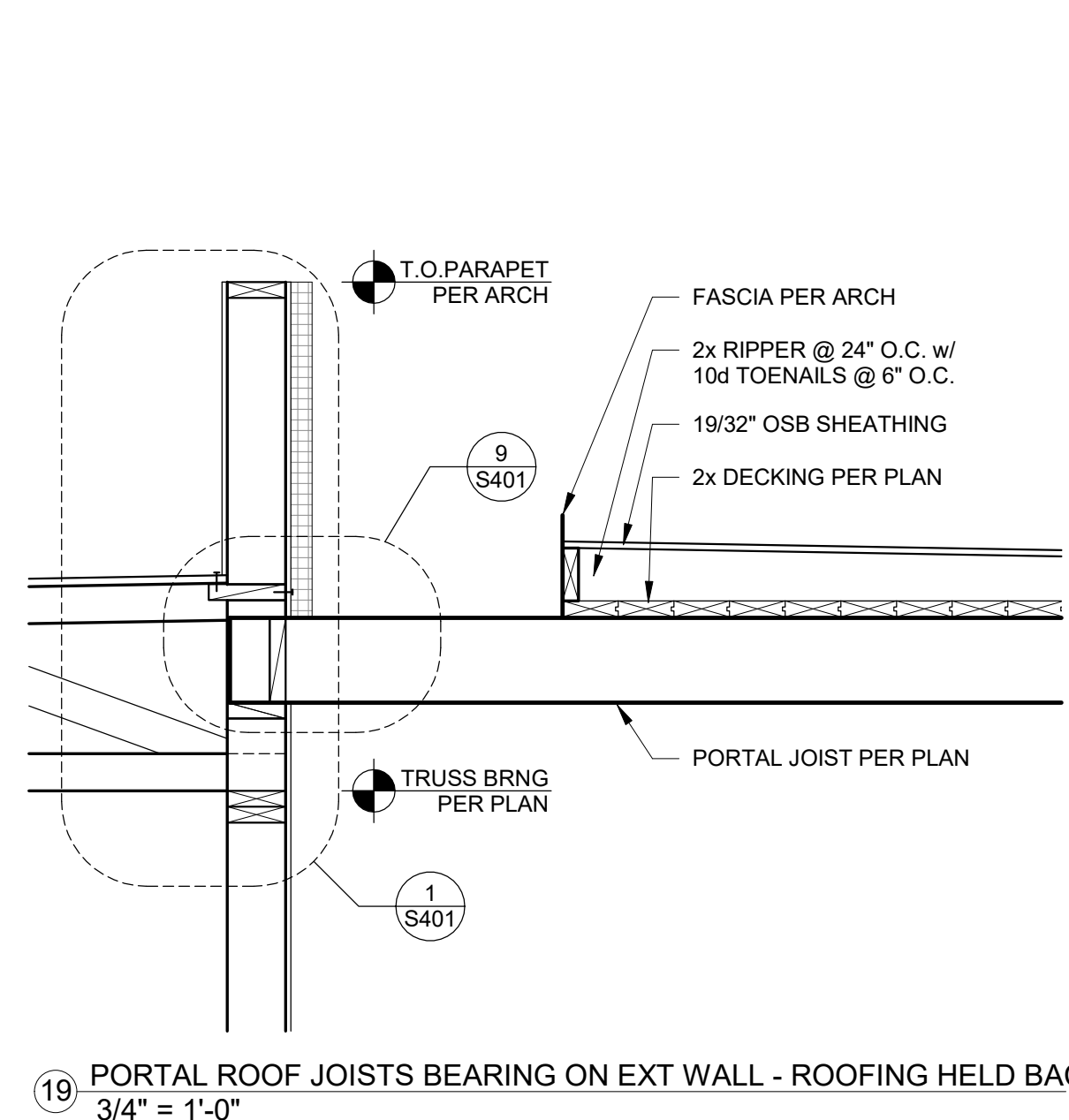
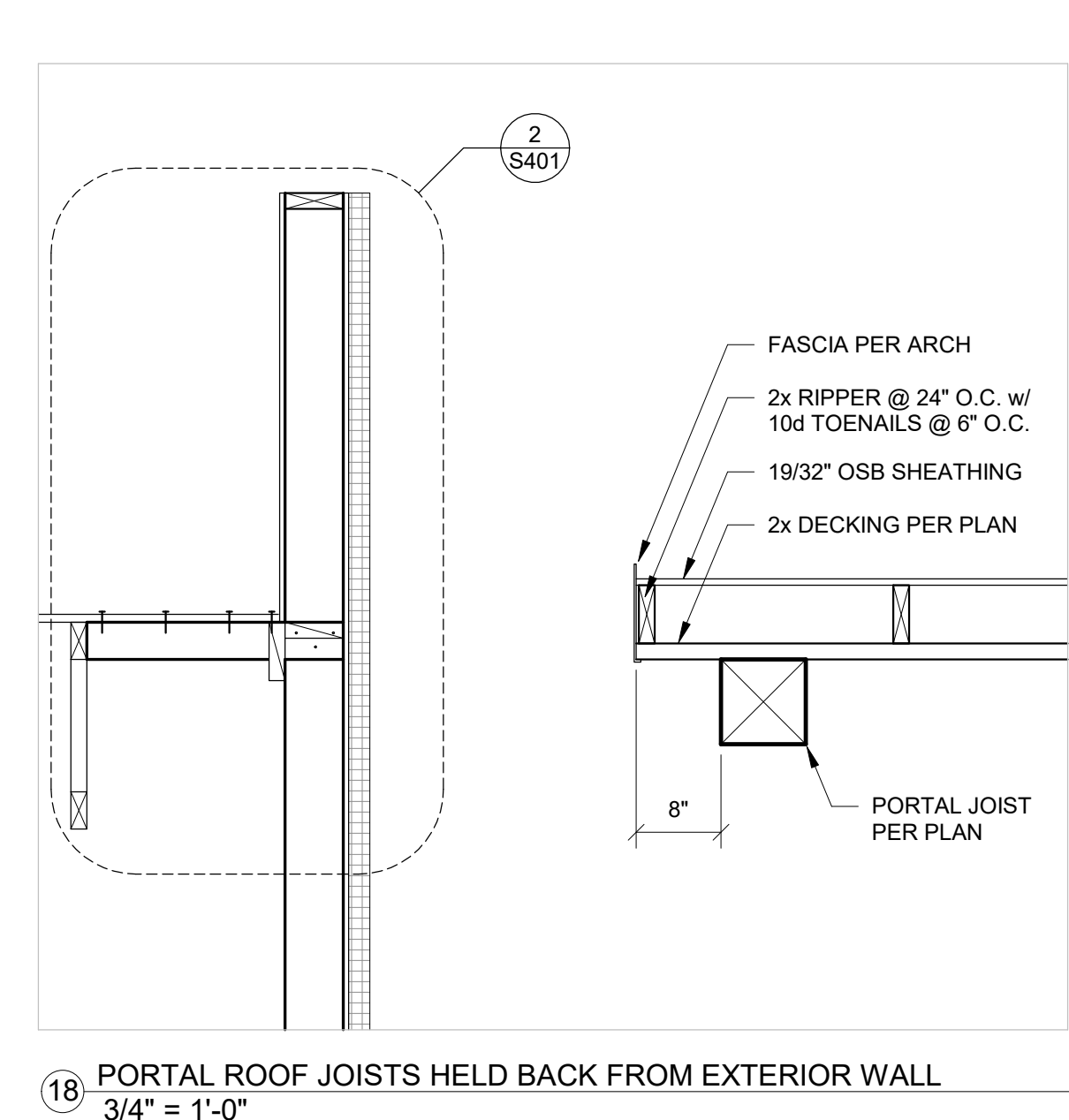
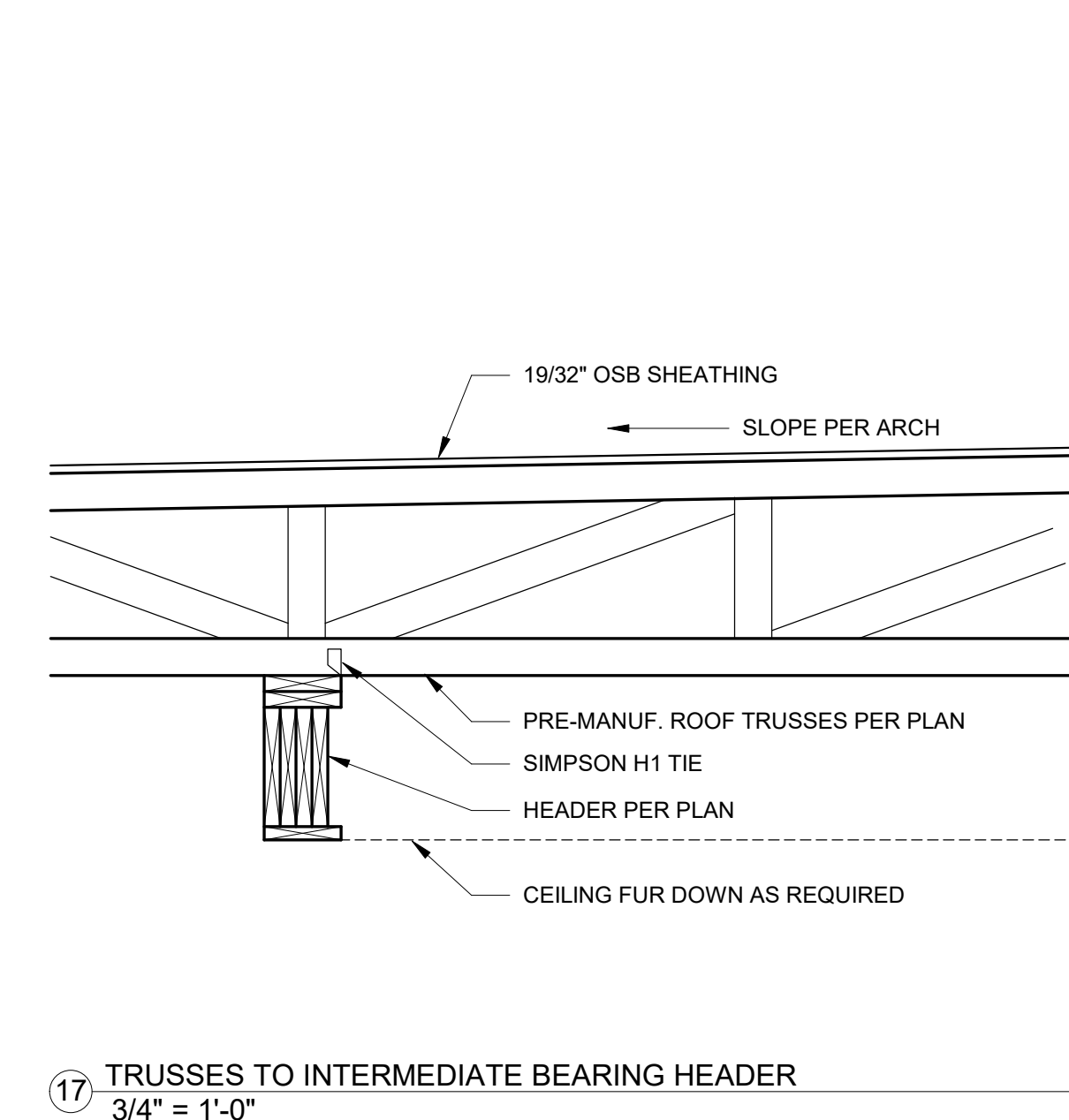
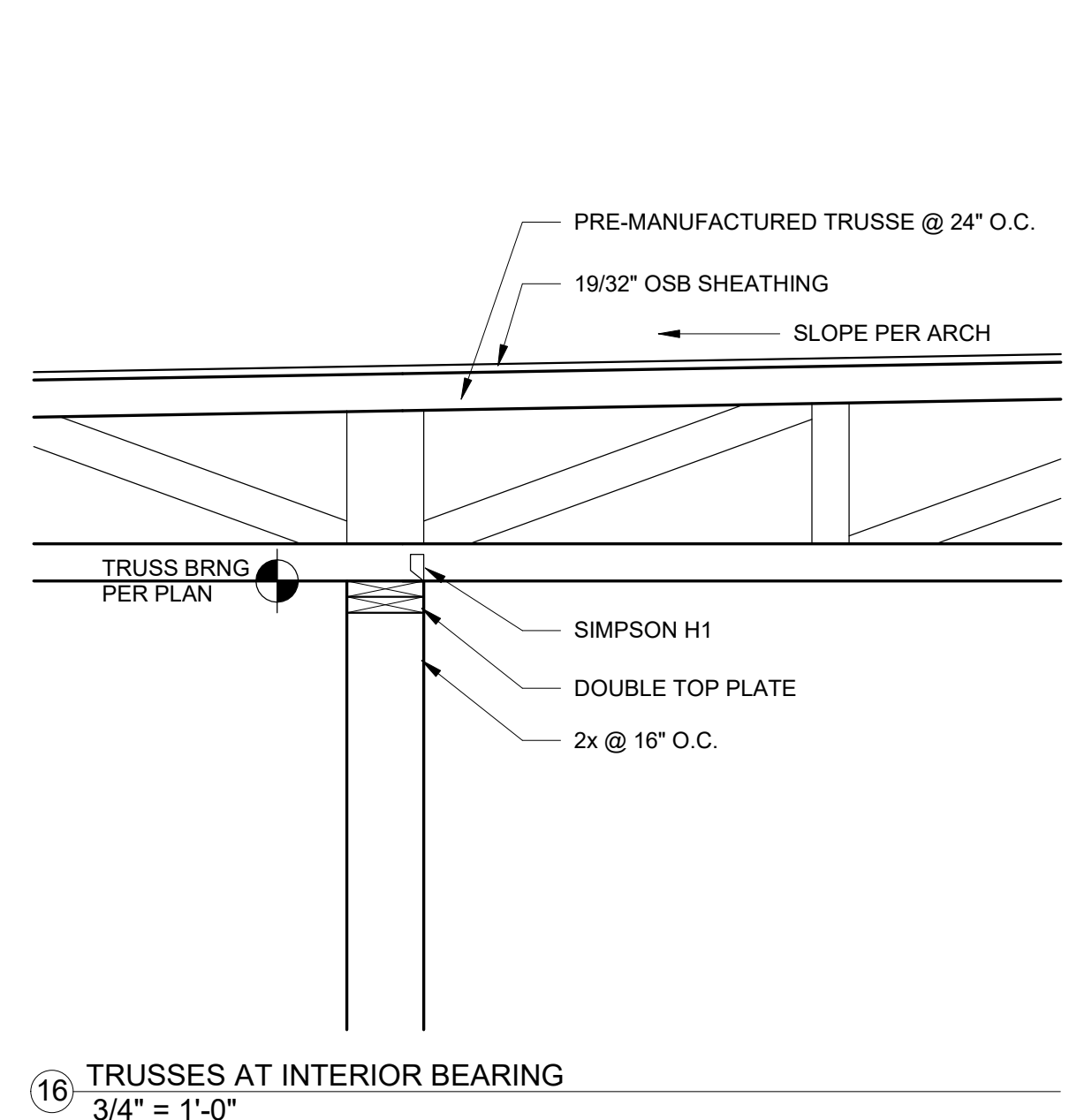
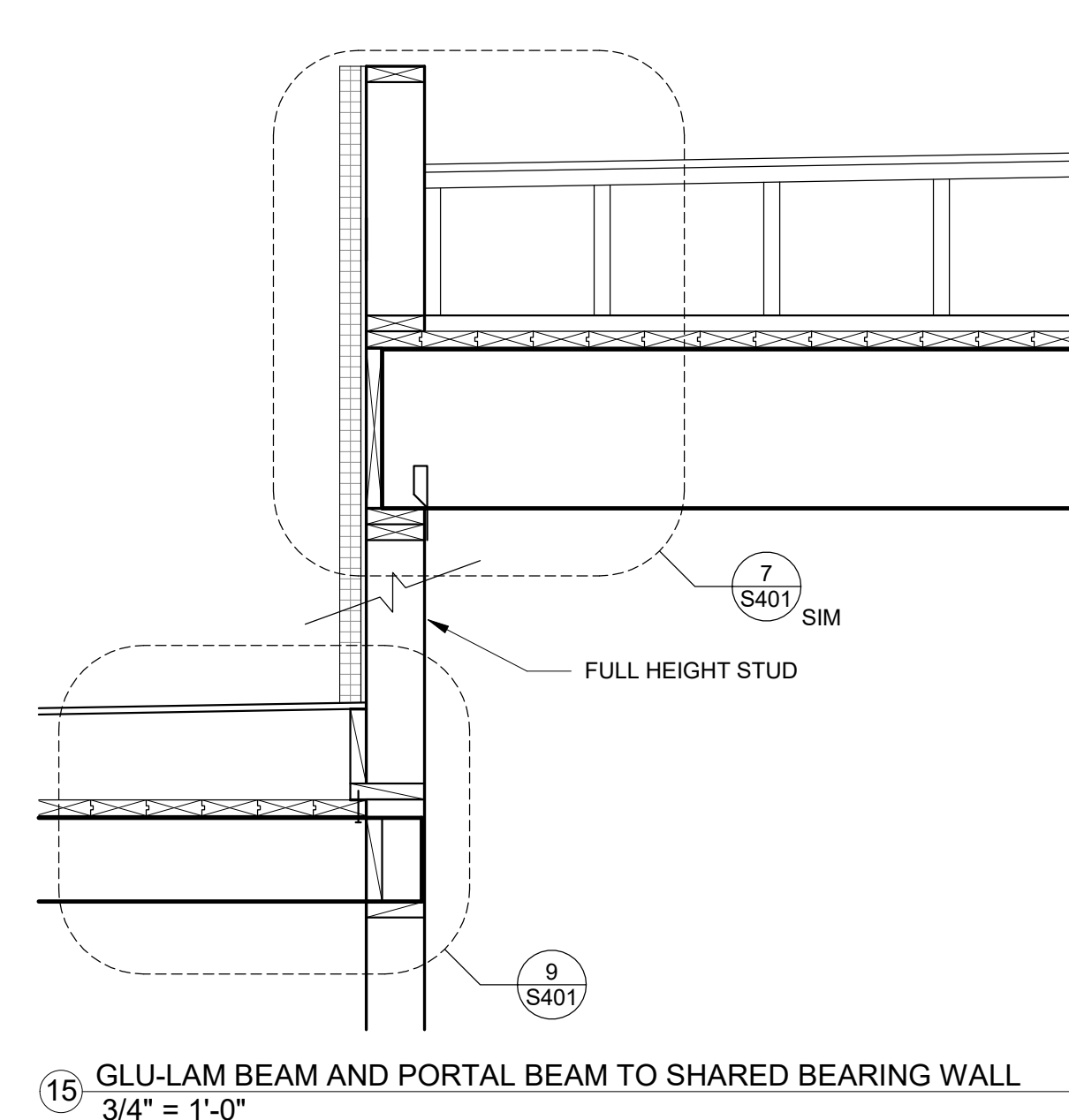
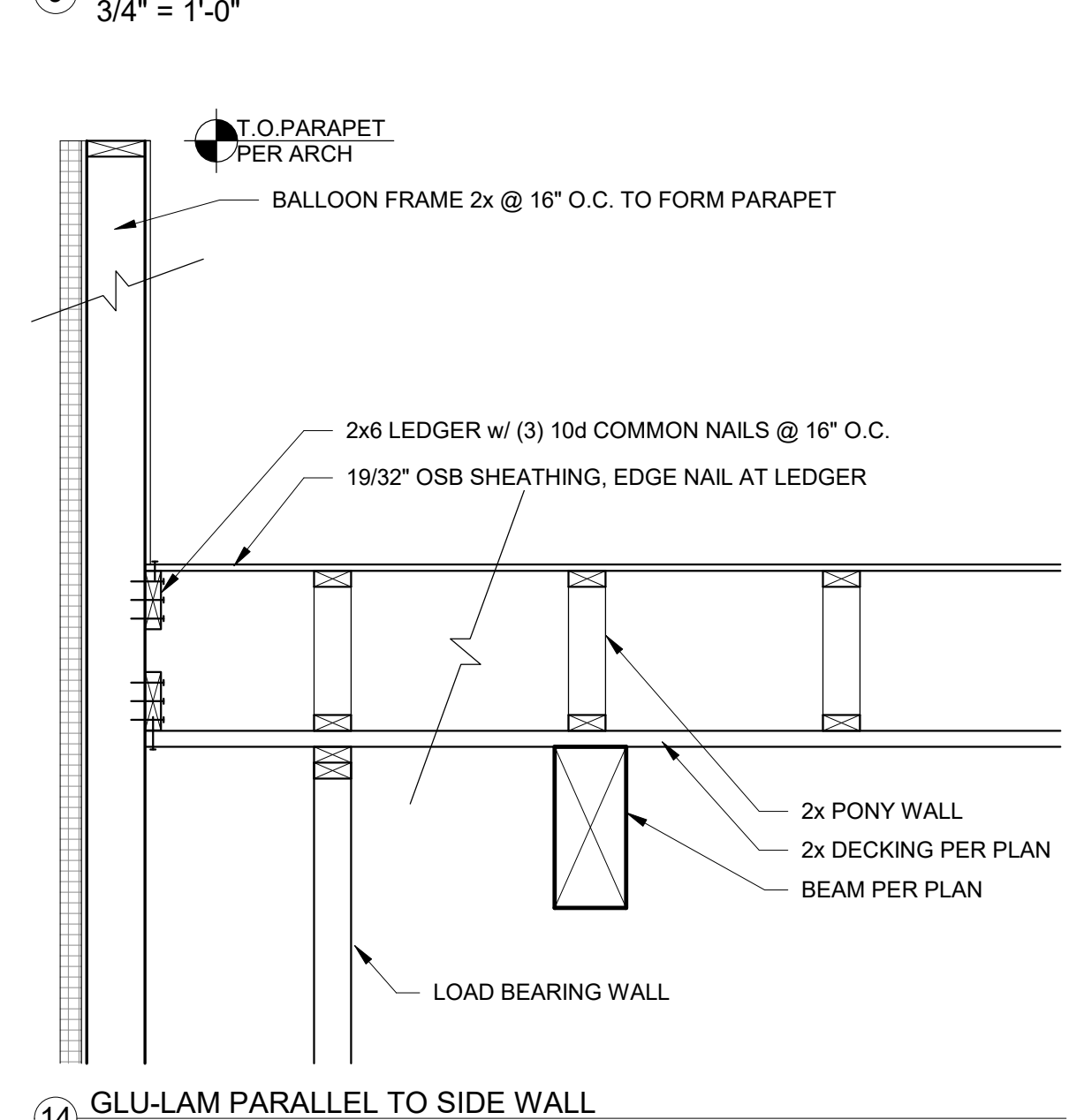
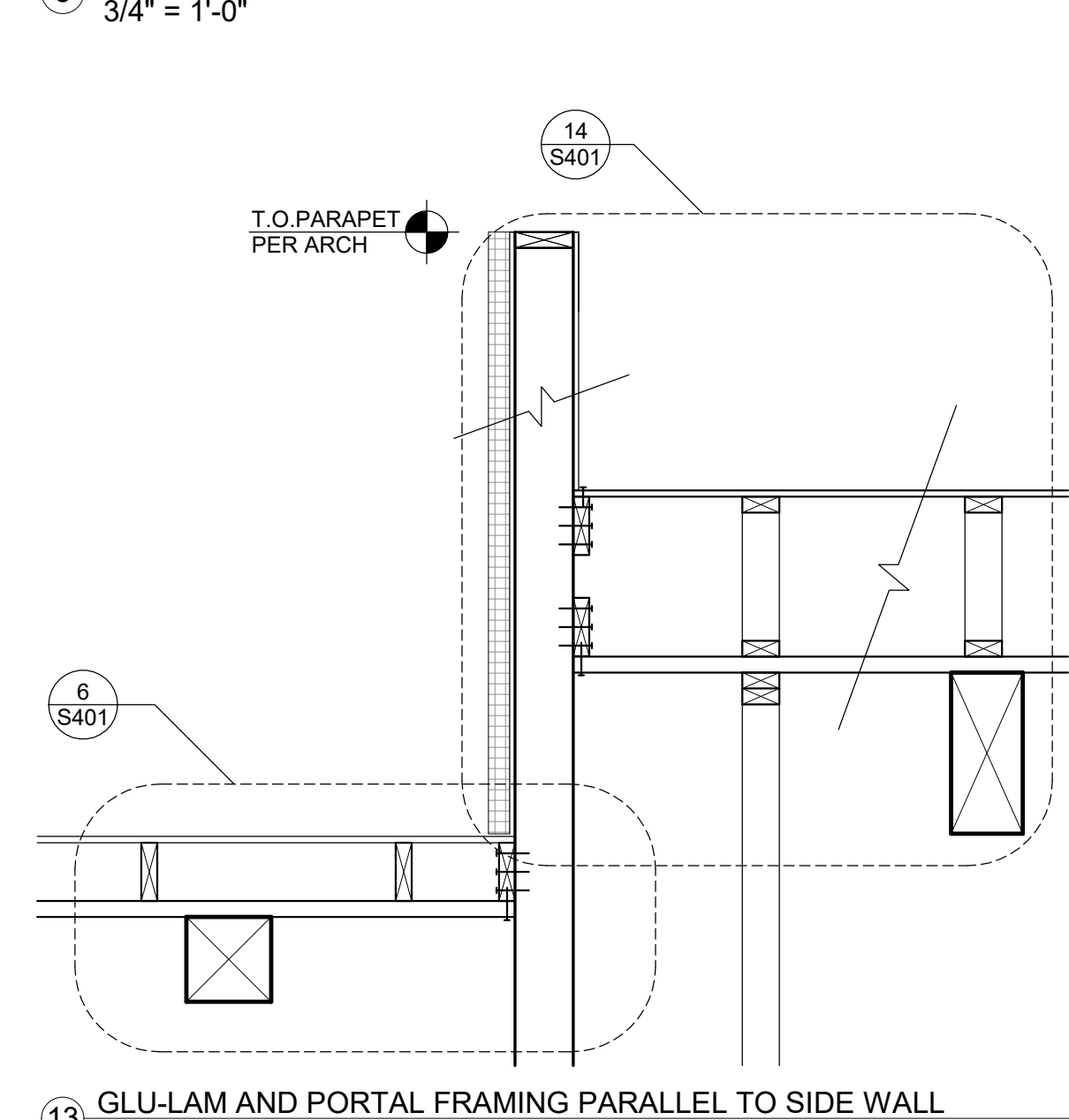
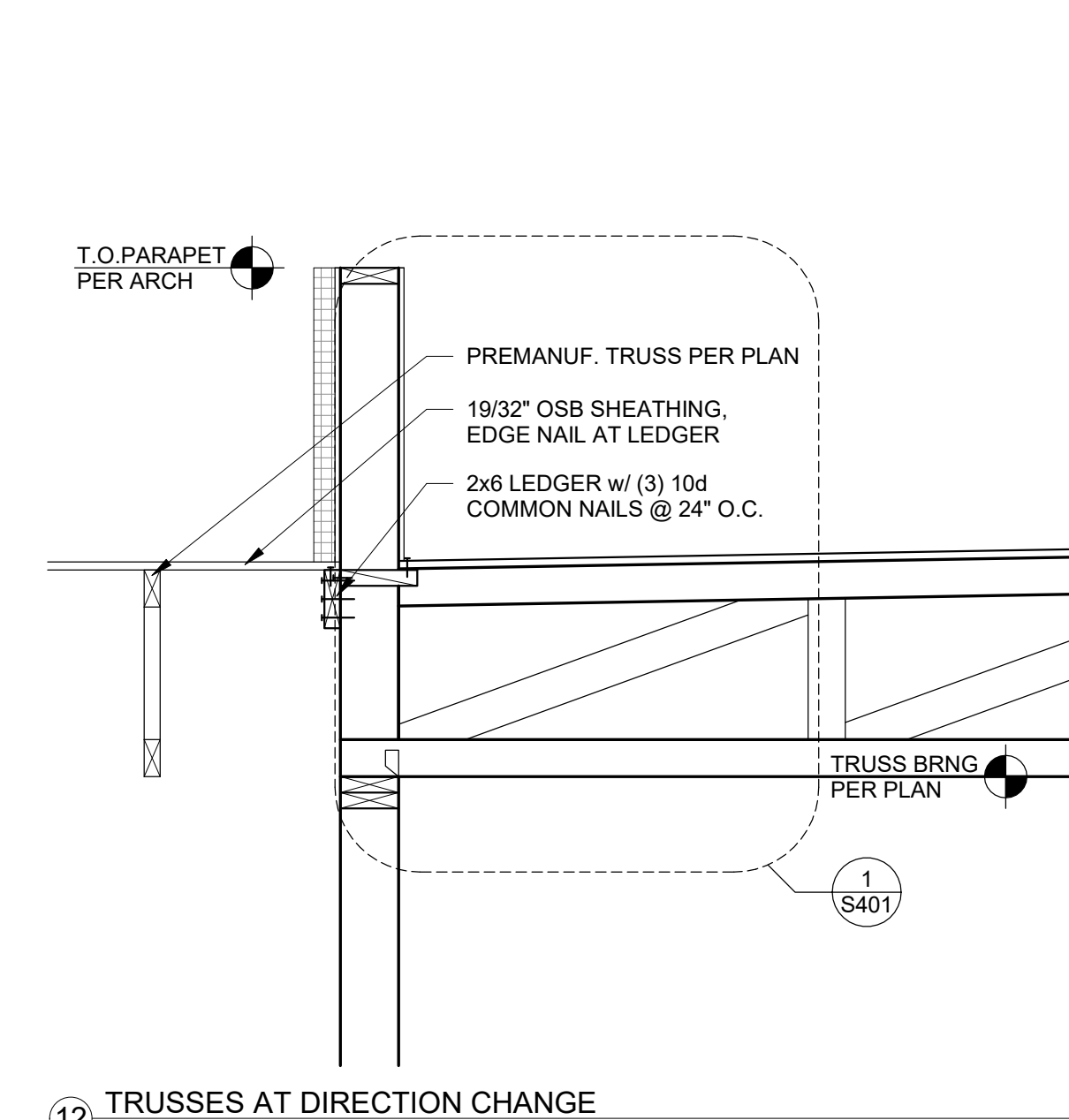
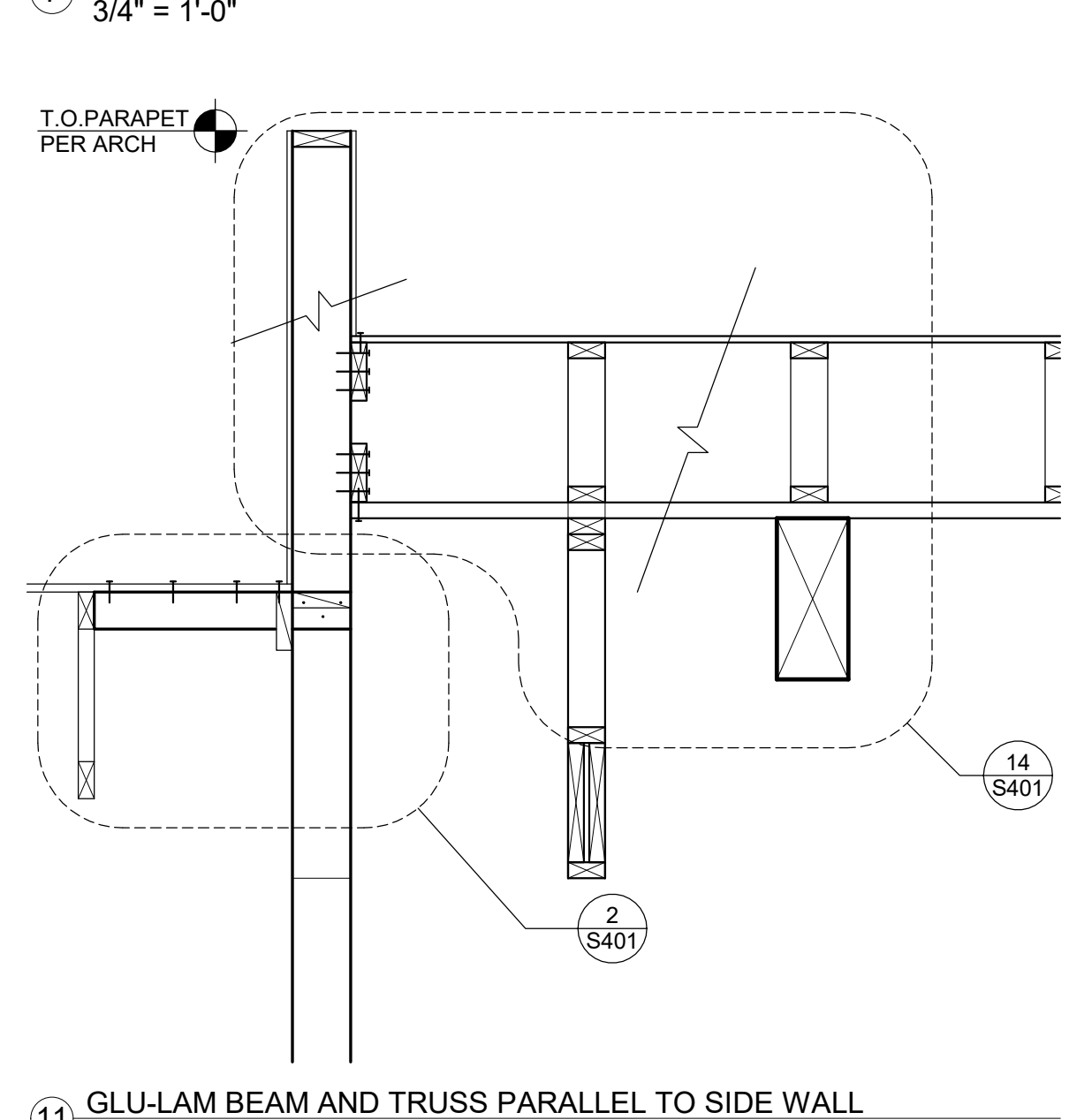
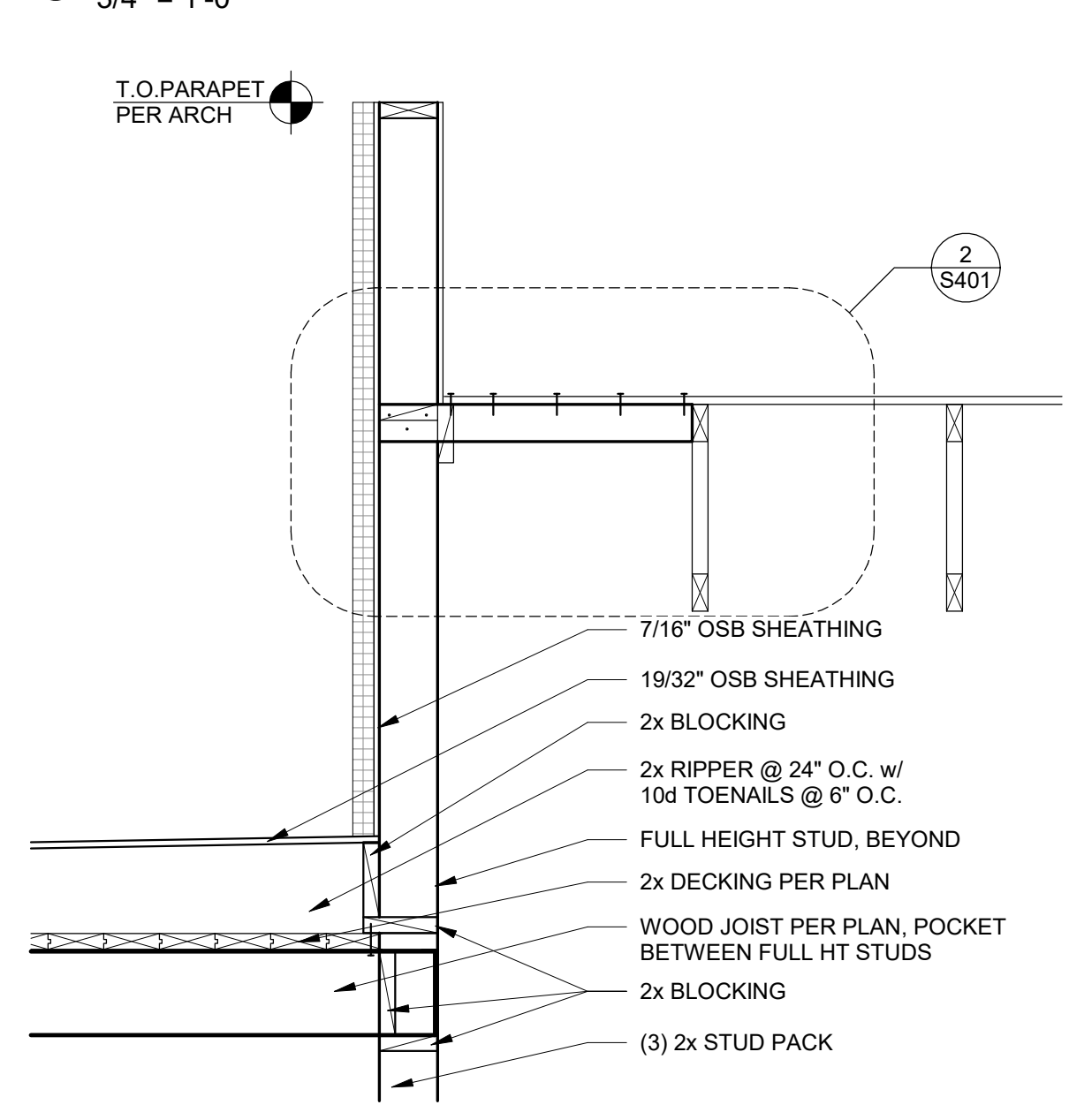
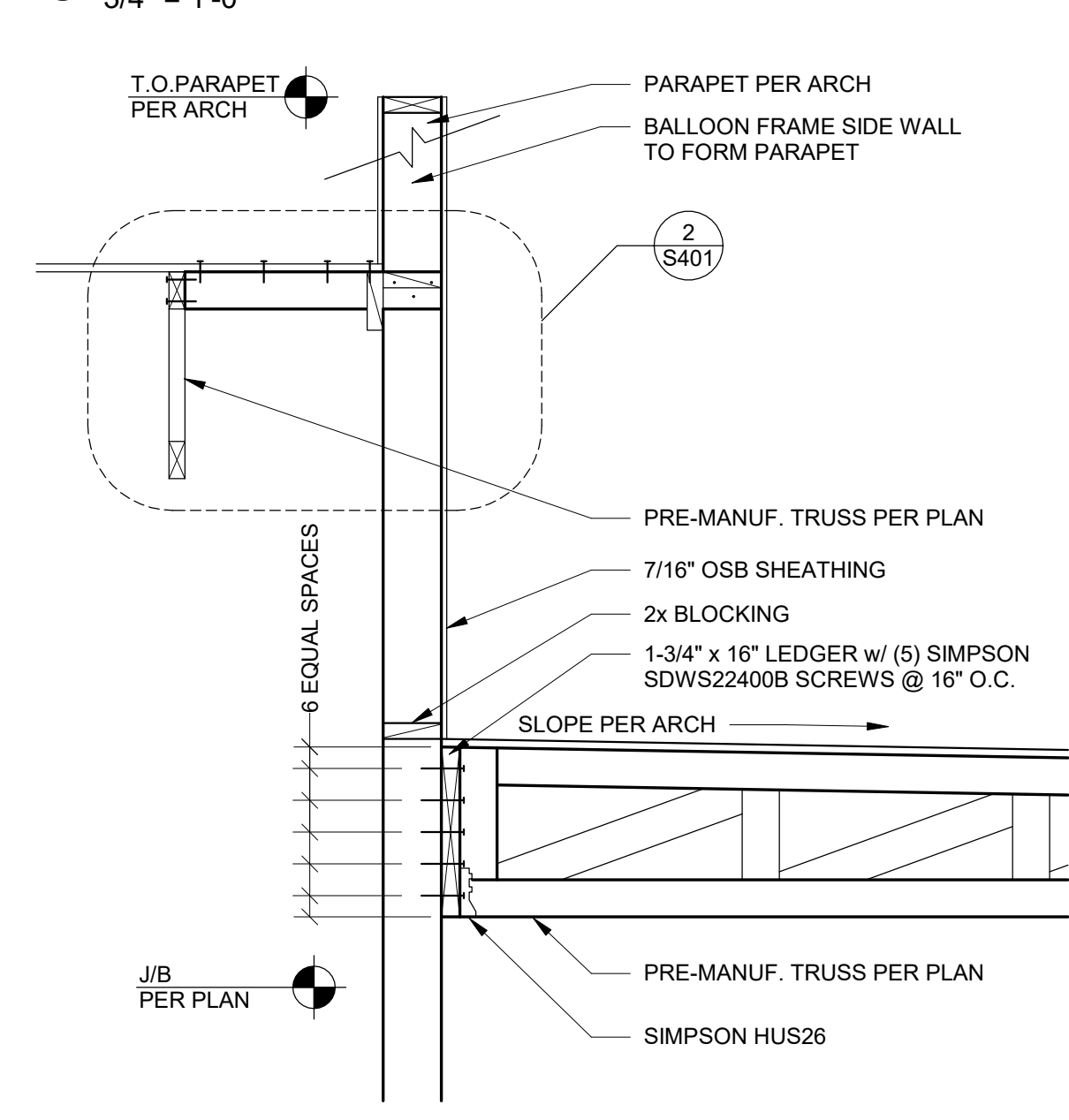
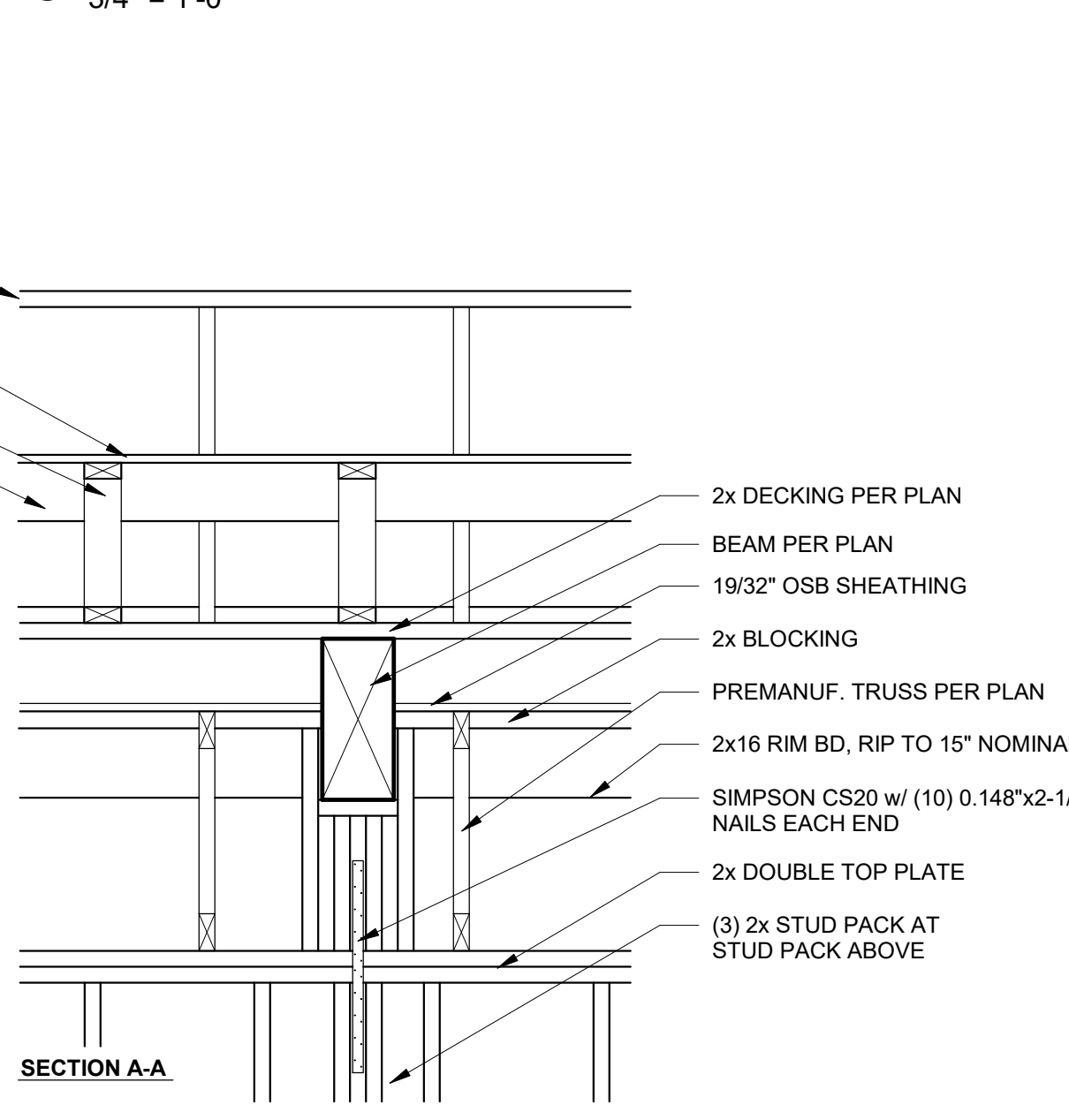
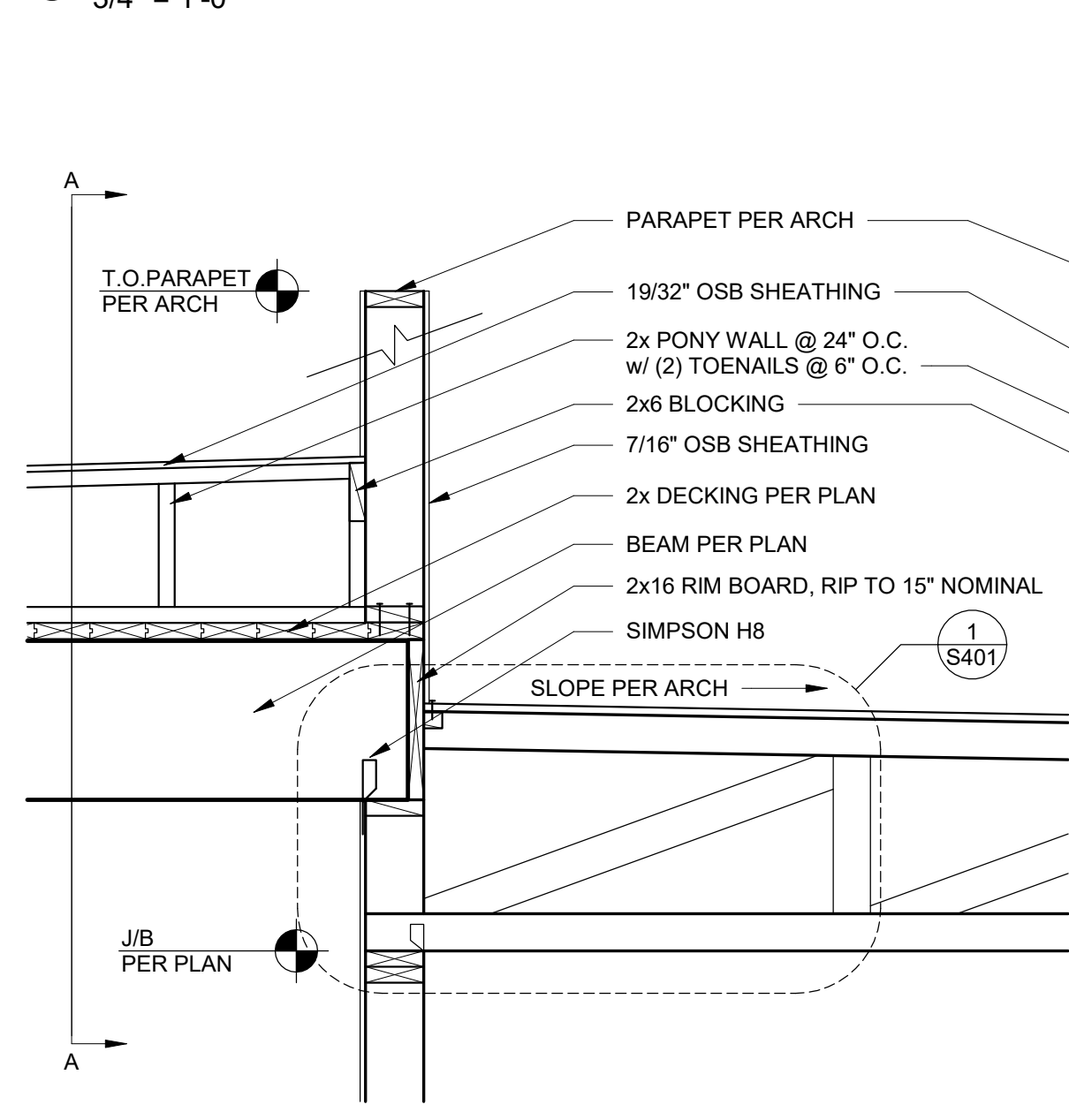
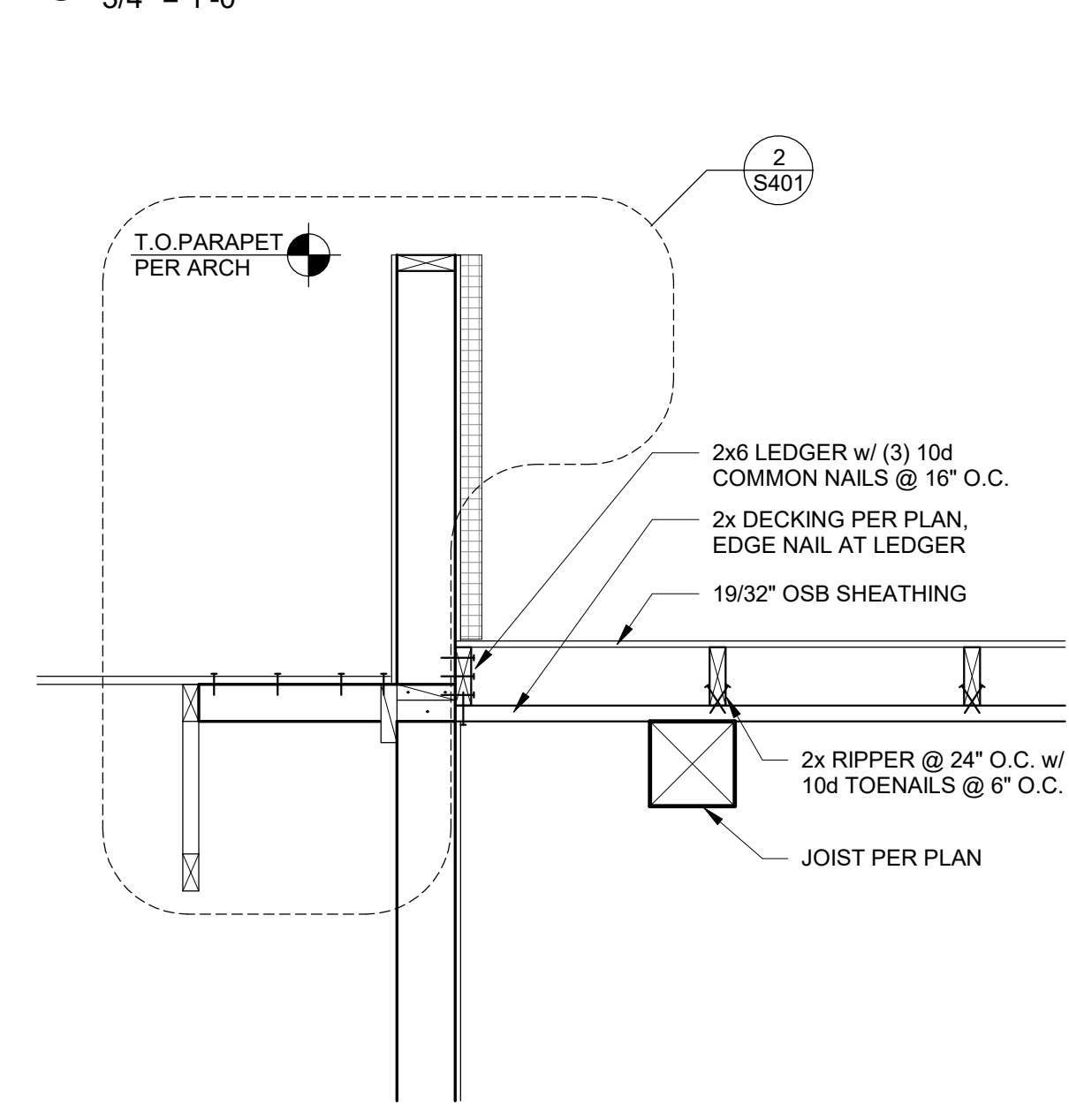
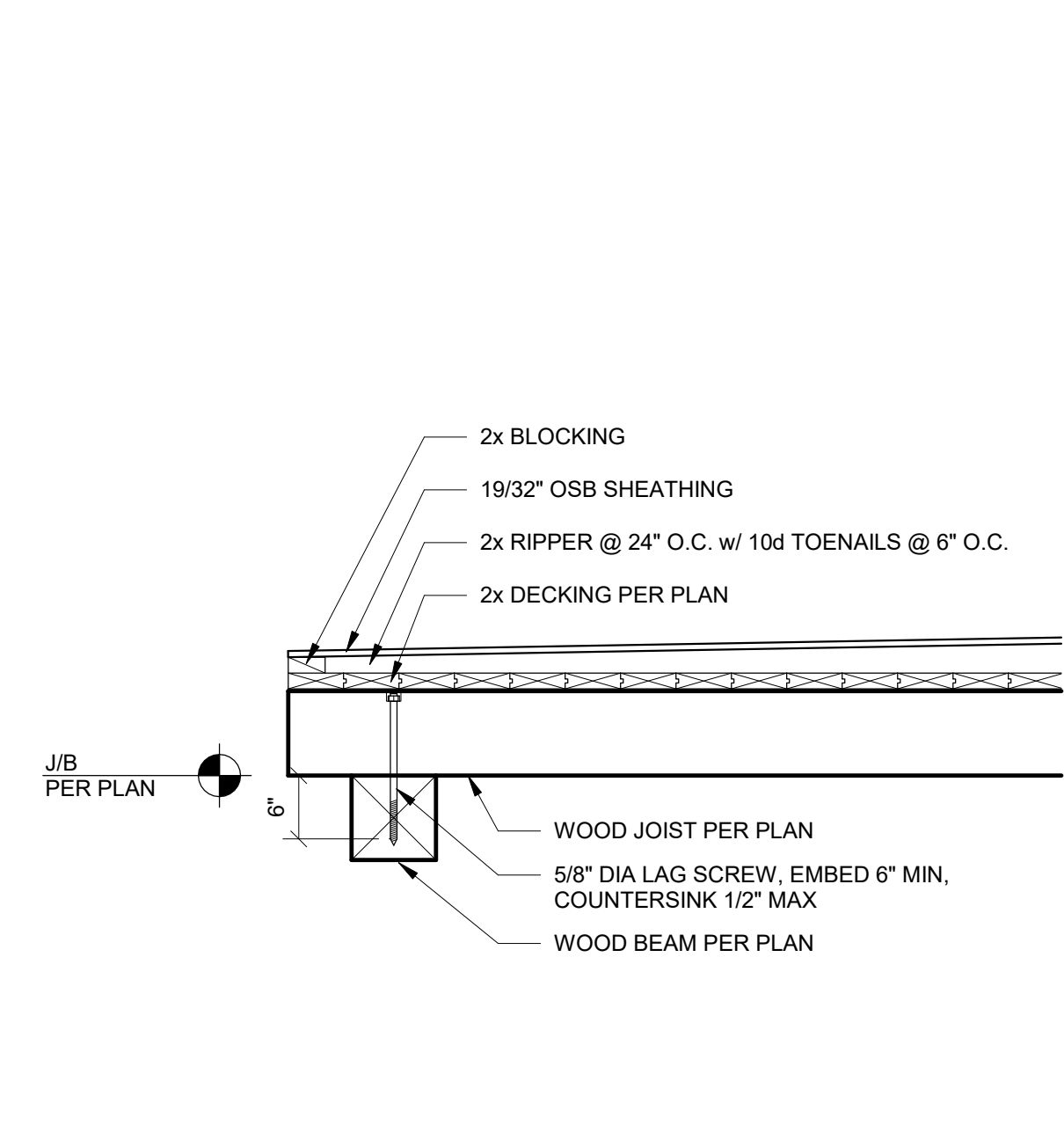
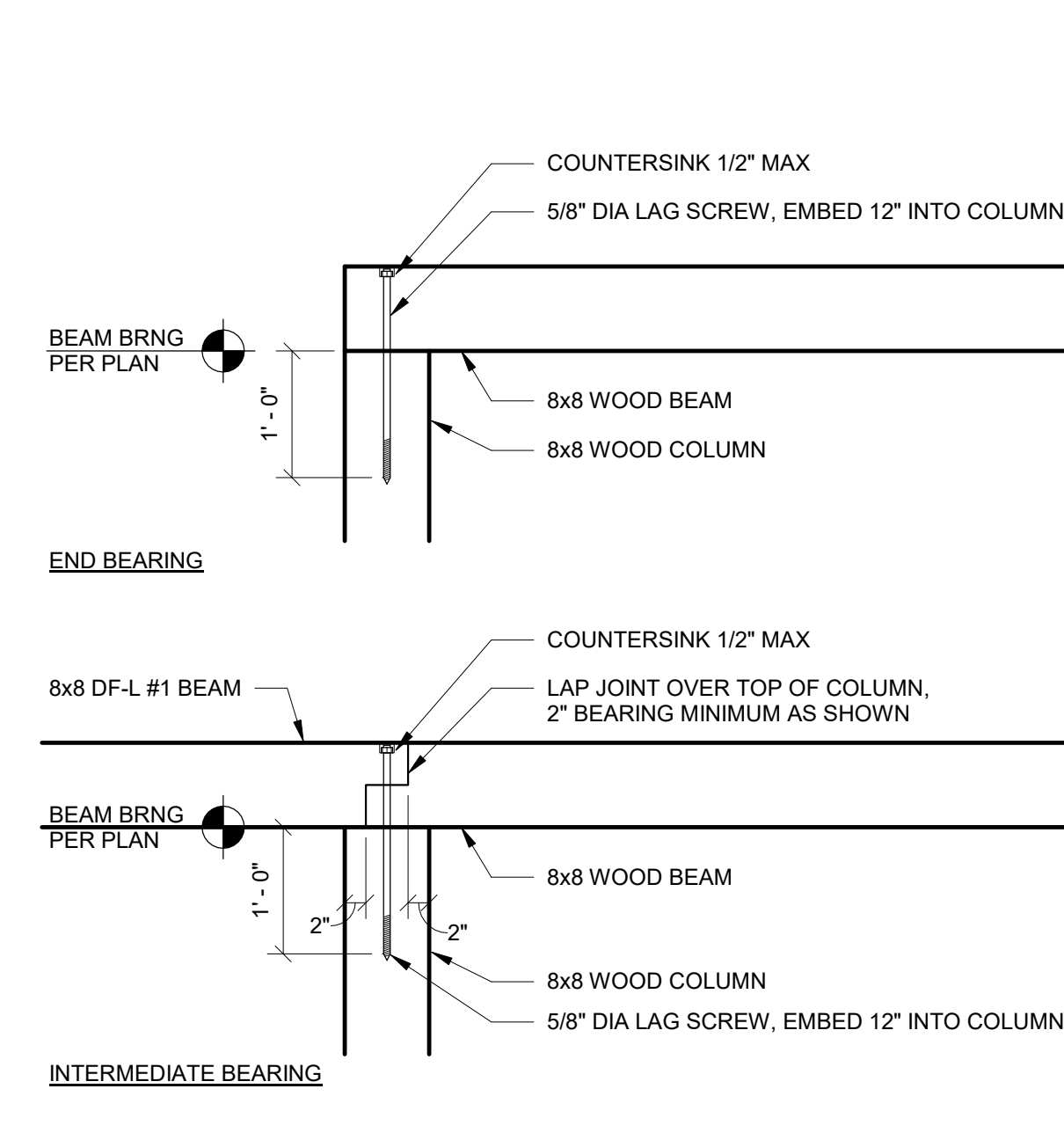
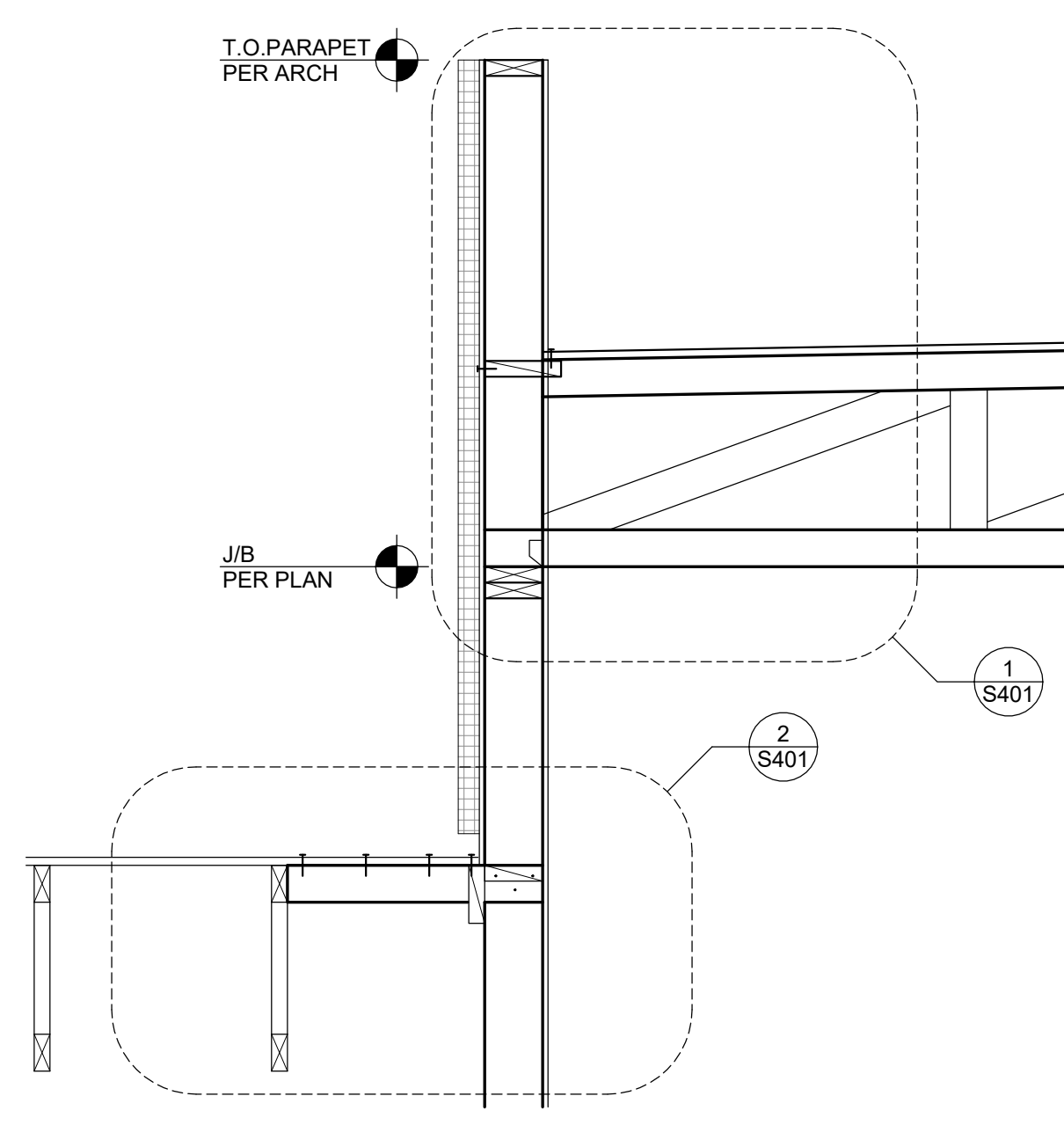
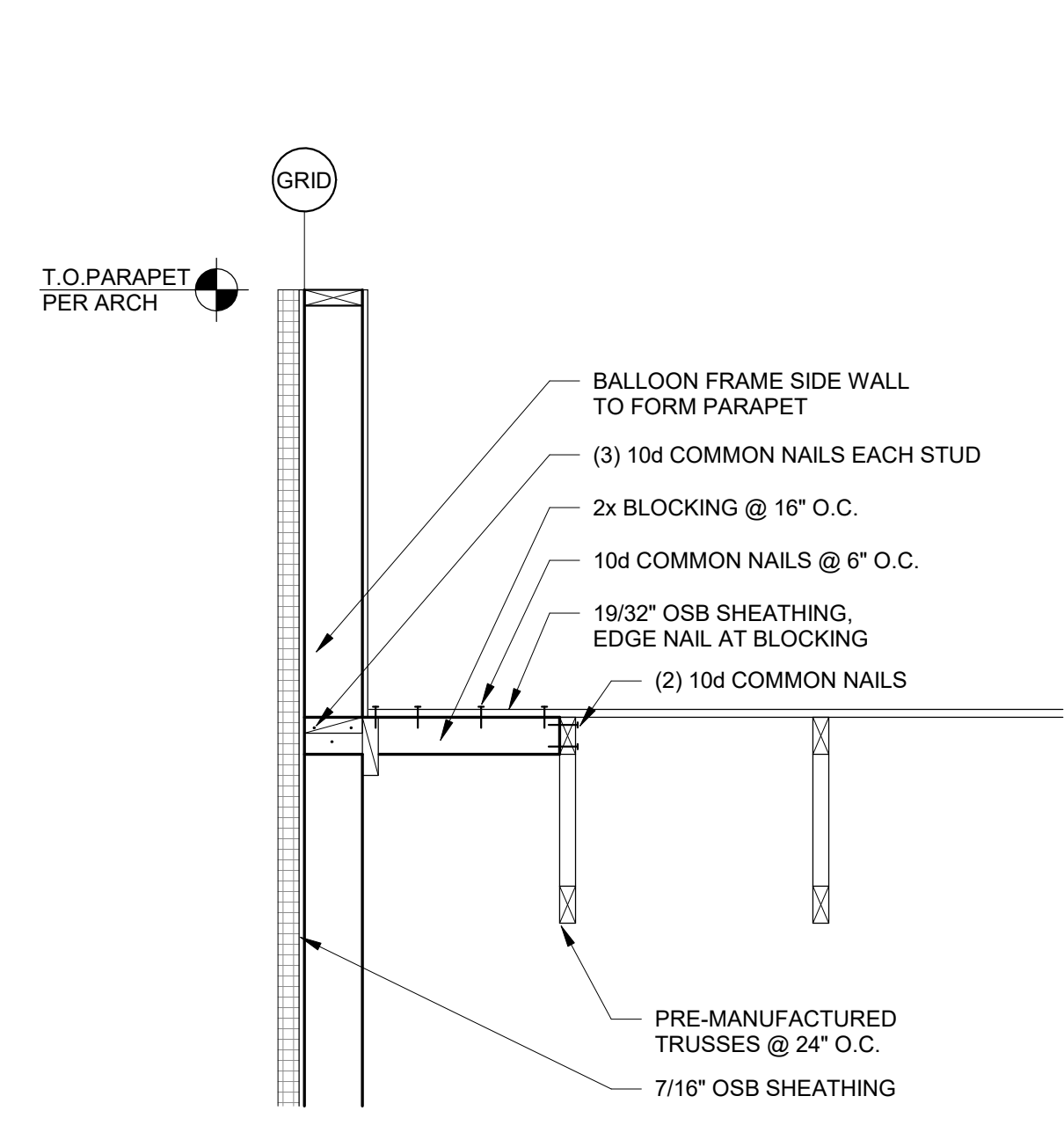
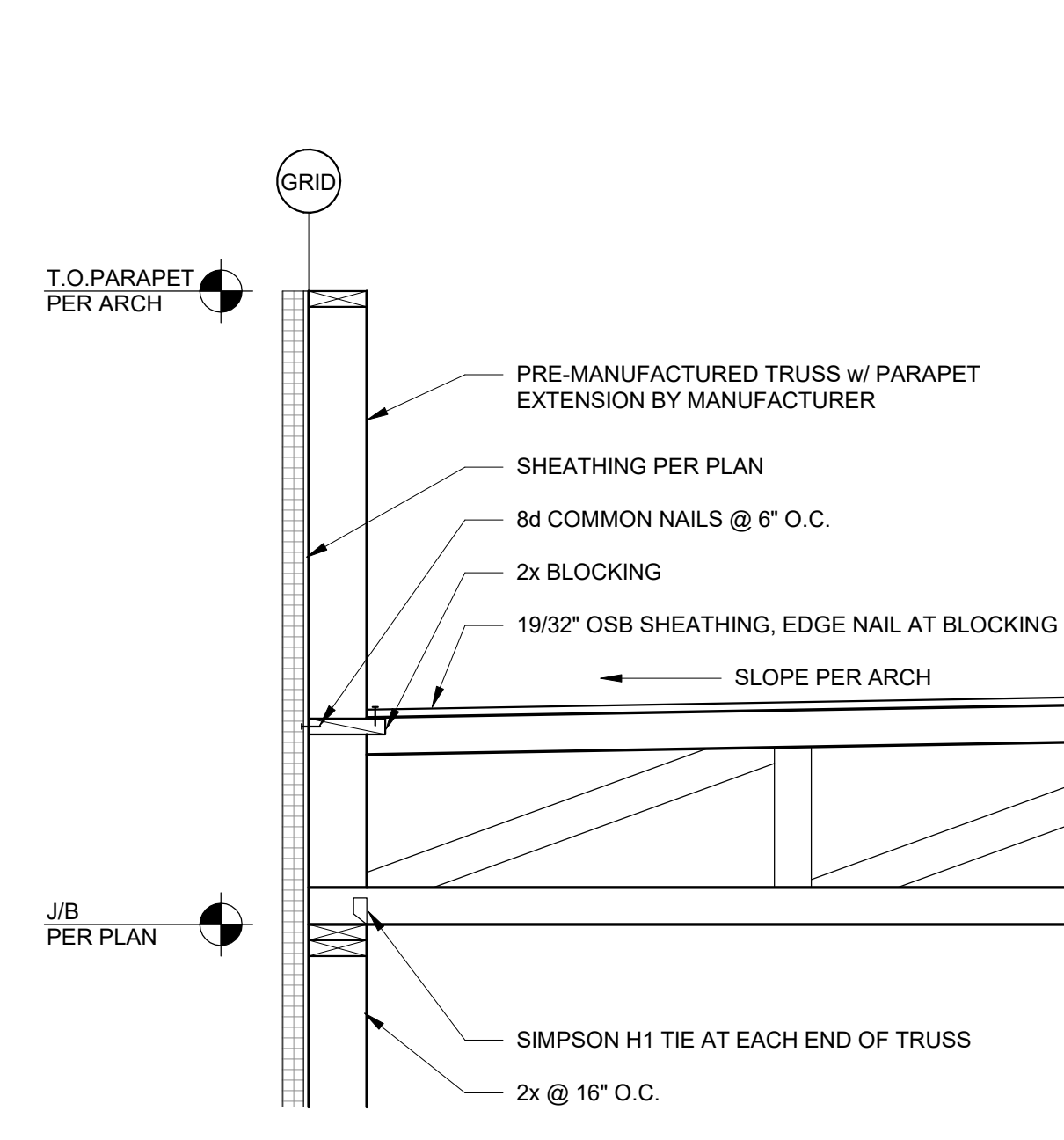
155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

NTS

| No | Date | Description |
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| Revision Schedule | | |
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| PROJECT NUMBER: | | 2394 |
| FILE: | | |
| DRAWN BY: | | JAR |
| CHECKED BY: | | JJS / AEL |
| DATE: | | SEPTEMBER 8, 2023 |

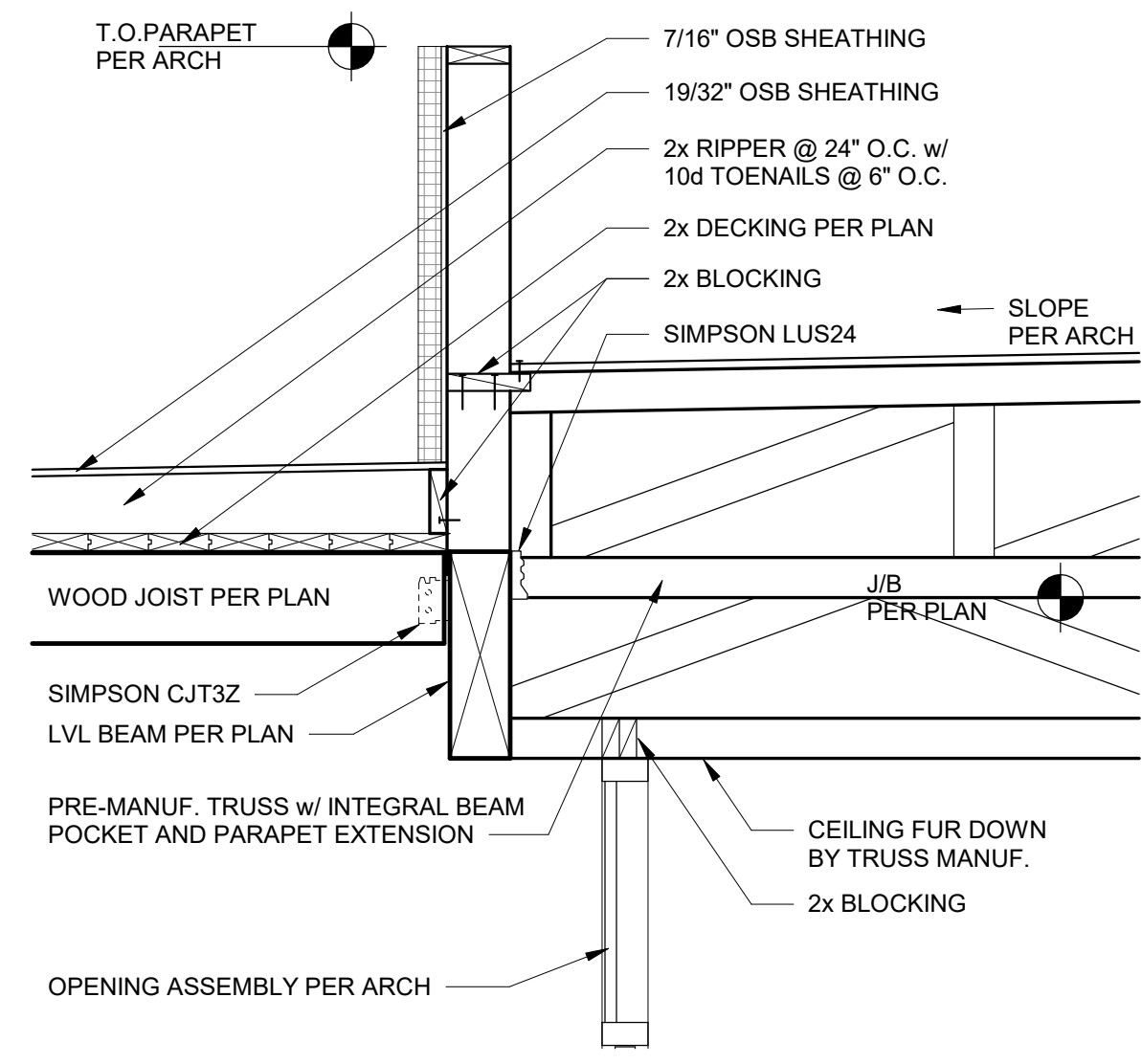
SHEET TITLE
FRAMING DETAILS

S401

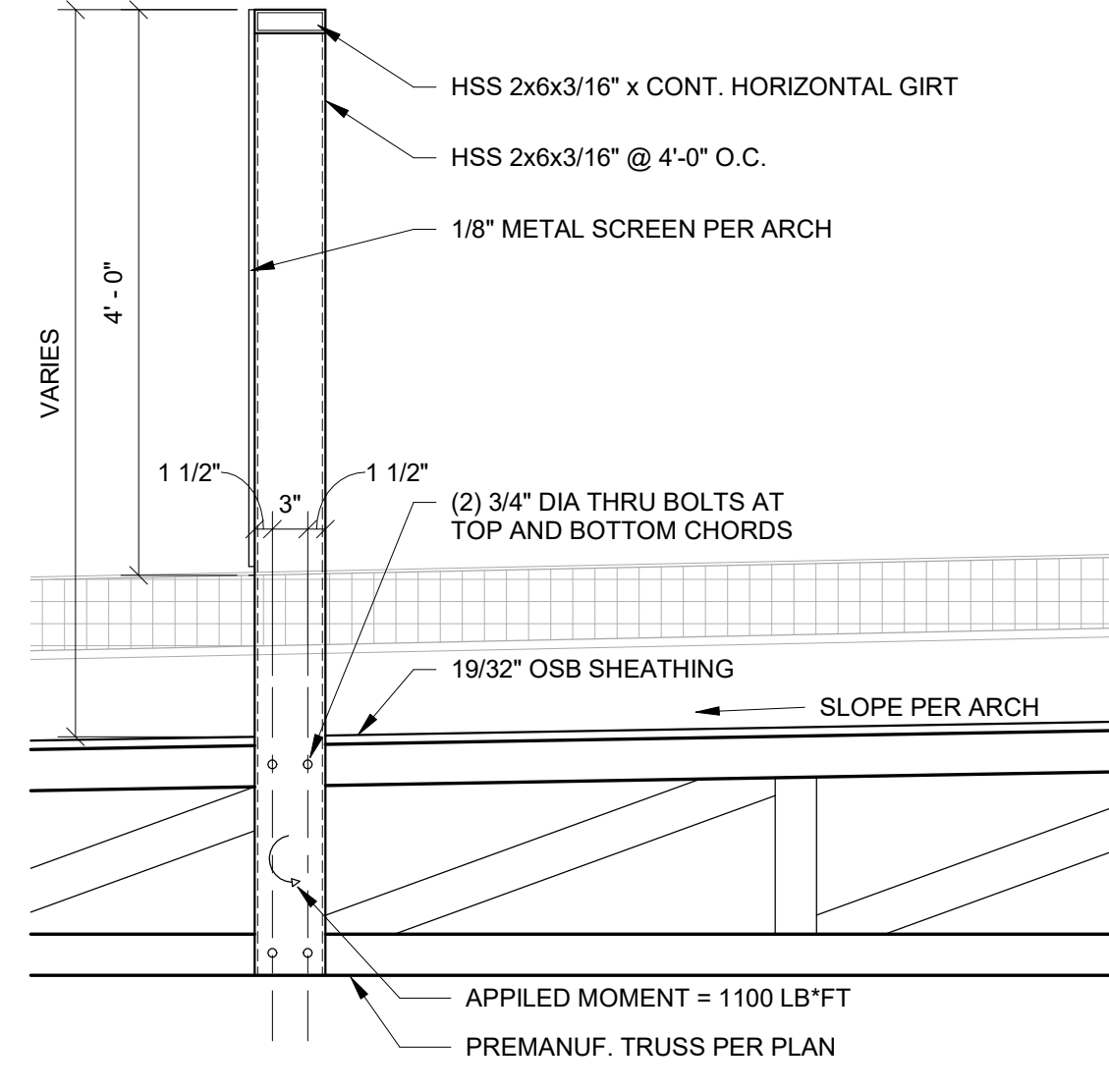


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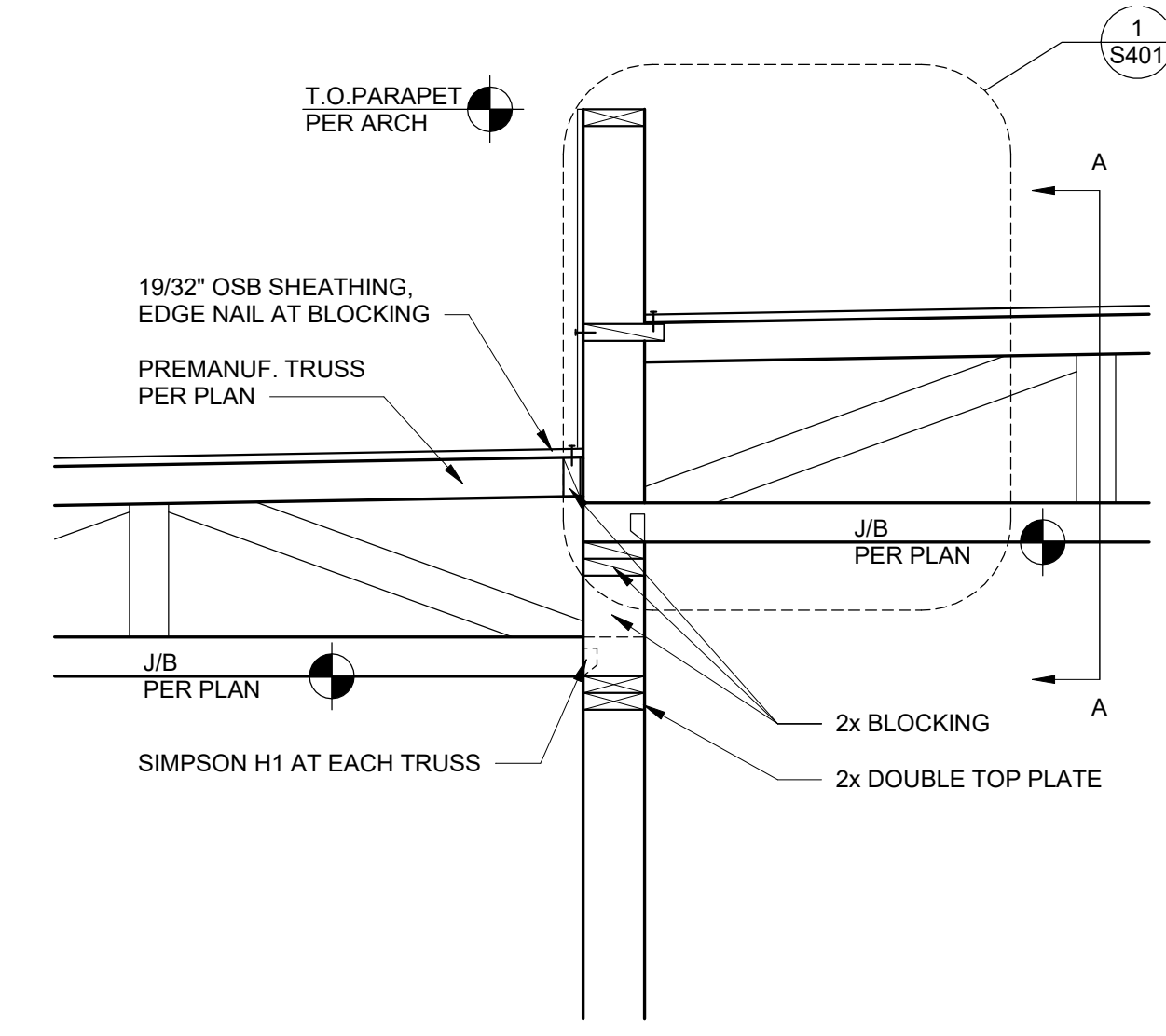
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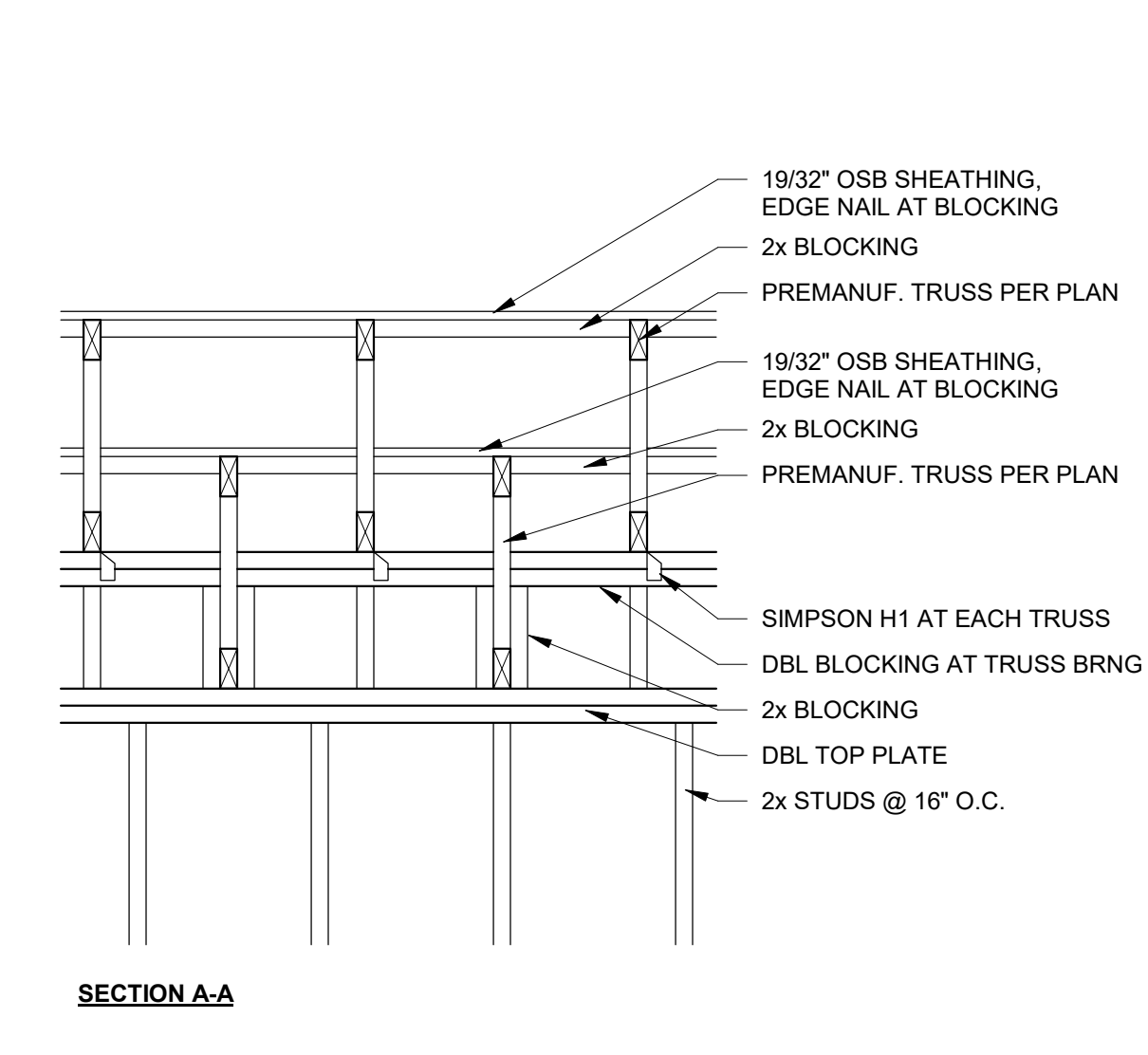
1 WOOD TRUSS AND PORTAL BEAM TO LVL HEADER
3/4" = 1'-0"



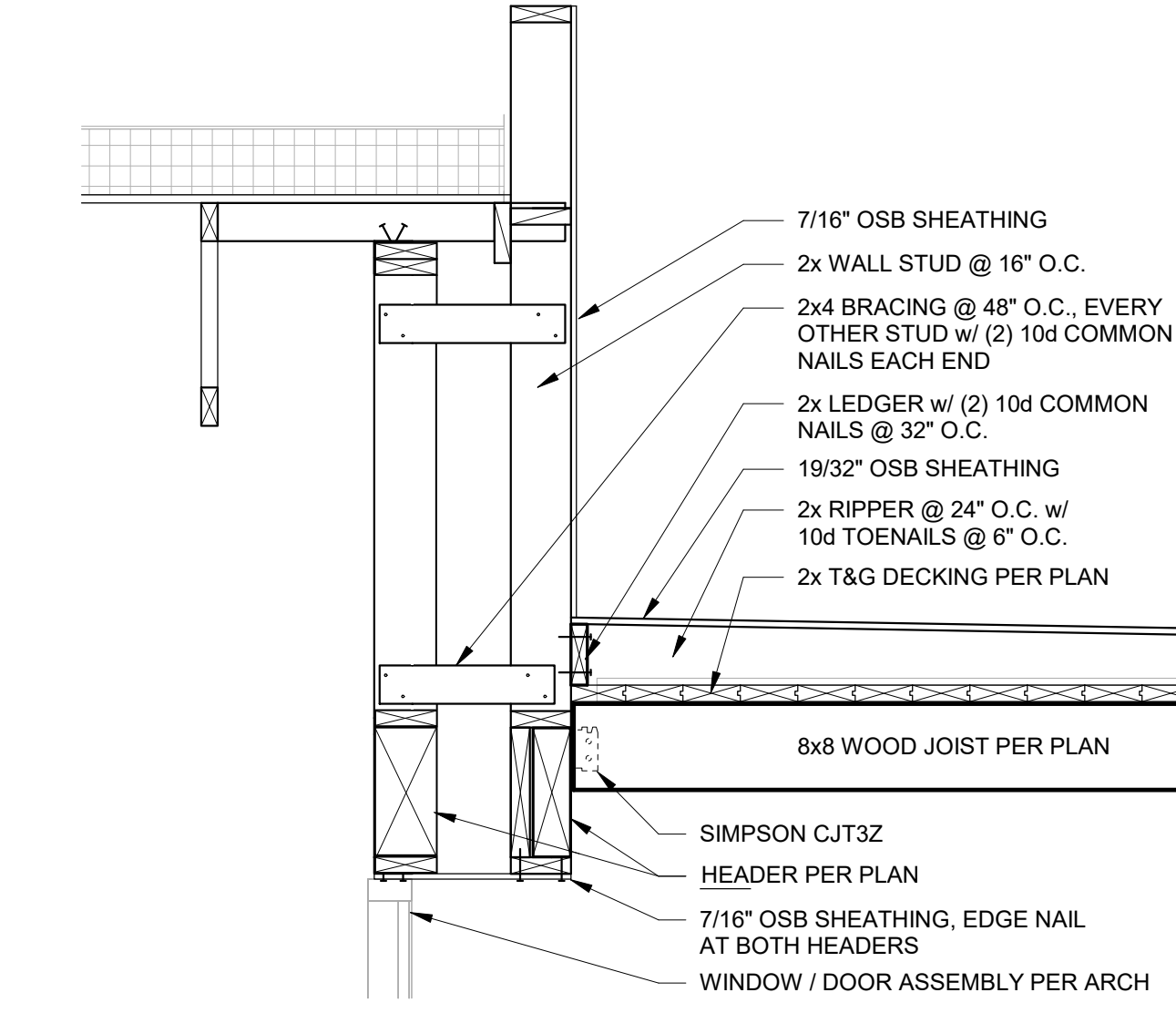
2 HSS FRAMING AT MECHANICAL SCREEN WALL
3/4" = 1'-0"



3 TRUSSES AT BEARING CHANGE
3/4" = 1'-0"



SECTION A-A



4 PORTAL BEAM AT HEADER
3/4" = 1'-0"

CONSULTANTS



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Architect Engineer



SANTA FE COUNTY -
ABEDON LOPEZ SENIOR
CENTER

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SANTA CRUZ, NM 87567

NTS

| No | Date | Description |
|-------------------|------|-------------|
| Revision Schedule | | |

ISSUE: 100% CD
PROJECT NUMBER: 2394
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CHECKED BY: JJS/AEL
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SHEET TITLE
FRAMING DETAILS

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GENERAL NOTES

- A. ALL CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE CURRENT ADOPTED EDITION, STATE OF NEW MEXICO BUILDING CODE, AND ALL OTHER GOVERNING CODES AND AGENCIES.
- B. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE PRIOR TO STARTING THE WORK. ANY DISCREPANCIES AND/OR OMISSIONS IN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- C. CONTRACTOR TO REVIEW AND COORDINATE ALL CONTRACT DOCUMENTS.
- D. CONTRACTOR TO REFER TO ANNOTATIVE DIMENSIONS ONLY - DO NOT SCALE DRAWINGS.
- E. DIMENSIONS SHOWN ARE TO FACE OF STUD OR FACE OF MASONRY AT EXTERIOR UNLESS OTHERWISE NOTED.
- F. LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER SMALLER SCALE. TYPICAL.
- G. ALL REQUIRED EXIT DOORS SHALL BE OPERABLE FROM INSIDE WITHOUT A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
- H. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.
- I. MAXIMUM EFFORT TO OPENING ANY DOOR SHALL NOT EXCEED 5 POUNDS PRESSURE FOR INTERIOR, NON-RATED DOORS - 8 1/2 POUNDS PRESSURE FOR EXTERIOR DOORS AND 15 POUNDS PRESSURE FOR FIRE-RATED DOORS.
- J. DOOR THRESHOLDS SHALL BE MAXIMUM OF 1/2 INCH ABOVE ADJACENT FLOOR - THE EXPOSED EDGE SHALL BE BEVELED OR SLOPED TO MAXIMUM 45 DEGREES WITH MAXIMUM 1/4 INCH CHANGE IN VERTICAL ELEVATION.
- K. THE BOTTOM 10 INCHES OF ALL DOORS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY WHEELCHAIR FOOTREST.
- L. ALL PRODUCTS MARKED "OR APPROVED EQUAL" SHALL BE APPROVED BY THE ARCHITECT AND OWNER PRIOR TO PURCHASING AND INSTALLATION OF WORK AND SHALL MEET THE REQUIREMENTS OF ALL GOVERNING CODES AND AGENCIES.
- M. WALL AND CEILING COVERING SHALL COMPLY WITH THE CURRENTLY ADOPTED VERSION OF THE IBC EDITION.
- N. SUSPENDED CEILING FRAMING SYSTEM AND FIXTURES SHALL BE Laterally AND VERTICALLY BRACED AS PER ASTM E580 AND THE CURRENTLY ADOPTED IBC EDITION.
- O. EXTERIOR AND INTERIOR GLASS AND GLAZING SHALL MEET THE REQUIREMENTS OF THE CURRENTLY ADOPTED IBC EDITION.
- P. WALL AND FLOOR COVERINGS AND OTHER DECORATIVE MATERIALS SHALL HAVE A FLAME SPREAD RATING PER THE CURRENTLY ADOPTED IBC EDITION, CERTIFICATION THEREOF SHALL BE PROVIDED. EXITS, EXIT SIGNS, FIRE ALARM STATIONS, HOSE CABINETS, AND EXTINGUISHER LOCATIONS SHALL NOT BE CONCEALED BY DECORATIVE MATERIAL.
- Q. FOR ALL MOUNTED EQUIPMENT PROVIDE ALL NECESSARY BLOCKING AND FRAMING AS RECOMMENDED BY THE MANUFACTURER. REQUIRED SUPPORT SHALL BE INSTALLED BY THE CONTRACTOR.
- R. PROJECTIONS OR RECESSES IN SCHEDULED SPACES SHALL HAVE FINISHES AS SCHEDULED FOR RESPECTIVE SPACE IN WHICH THEY OCCUR.
- S. ALL PIPING SHALL BE LABELED WITH DIRECTIONAL ARROWS EVERY 20 FEET AND AT ALL WALL PENETRATIONS. ACCESS PANELS SHALL BE PROVIDED AT ALL VALVES AND CONTROLS CONCEALED IN HARD CONSTRUCTION.
- T. THESE SYMBOLS, ABBREVIATIONS AND MATERIAL INDICATIONS APPLY TO ARCHITECTURAL SHEETS ONLY.
- U. IN SOUND RATED PARTITIONS, DO NOT STACK ELECTRICAL BOXES OR RECESSED CABINETS BACK TO BACK. 24" MIN. SEPARATIONS IS RECOMMENDED OR MOUNT TO ALTERNATE STUDS INSTEAD.
- V. PROVIDE TILE BACKER WHERE TILE IS INDICATED. PROVIDE MOISTURE RESISTANCE GYPSUM BOARD AT ALL WET LOCATIONS.



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CONSULTANTS

| | |
|-----------|----------|
| Architect | Engineer |
|-----------|----------|



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SYMBOLS LEGEND

DRAWING TITLE
SCALE: 1/8" = 1'-0"
DRAWING SCALE

NORTH ARROWS
PLAN NORTH (SURVEYOR'S NORTH IF DIFFERENT FROM PLAN NORTH)
TRUE NORTH

ROOM IDENTIFICATION SYMBOL
JANITOR CLOSET
101 ROOM NAME
200 SF ROOM NUMBER
200 ROOM AREA

DOOR IDENTIFICATION SYMBOL
101 SERIES LETTER
101 ROOM NUMBER

WALL TYPE SYMBOL
WB1

TOILET ACCESSORIES & EQUIPMENT TYPE SYMBOL
TA01

GLAZING TYPE SYMBOL
G

SHEET KEYNOTE
12

SPECIFICATION KEYNOTE
09 30 00 01

REVISION NUMBER
1

ELEVATION DATUM SYMBOL
100'-0" ELEVATION HEIGHT

SECTION SYMBOL
DETAIL DESIGNATION: A1
SHEET DETAIL IS FOUND ON: A-101

BUILDING SECTION SYMBOL
A1
A-301

SECTION DETAIL SYMBOL
A1
A-501

EXTERIOR ELEVATION DIRECTION SYMBOL
A1
A-201

INTERIOR ELEVATION SYMBOL
ELEVATION DESIGNATION: A1
DIRECTION OF ELEVATION: A2
SHEET NUMBER: A5

MATCH LINE
A-101

STRUCTURAL GRID
20

ABBREVIATIONS

| | |
|--------|----------------------|
| AFF | ABOVE FINISHED FLOOR |
| GA | GAUGE |
| GYP BD | GYPSUM BOARD |
| O.C. | ON CENTER |
| T.O. | TOP OF |
| MIN. | MINIMUM |

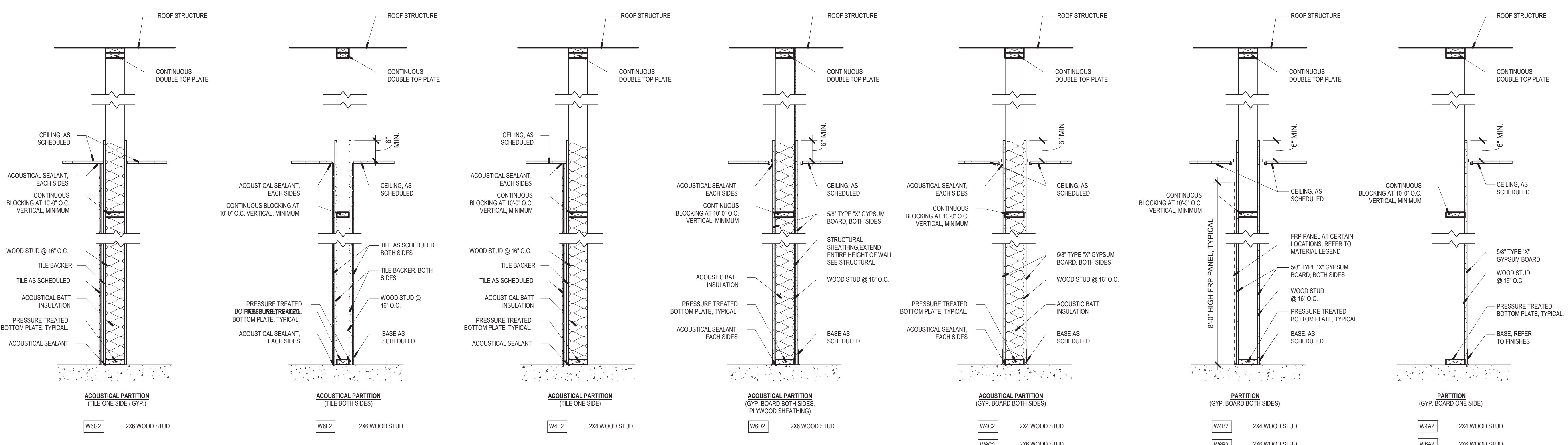
SANTA FE COUNTY - ABEDON LOPEZ SENIOR CENTER

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SANTA CRUZ, NM 87567

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| ISSUE: 100% CONSTRUCTION DOCUMENTS | | |
| PROJECT NUMBER: 2303 | | |
| FILE: SFC Abdon Lopez Senior Center | | |
| DRAWN BY: PS | | |
| CHECKED BY: LA | | |
| DATE: SEPT. 20, 2023 | | |

SHEET TITLE STANDARD ARCH SYMBOLS, GENERAL NOTES AND PARTITION TYPES

A-001



A1 WALL PARTITION TYPES
3/4" = 1'-0"

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GENERAL NOTES

- A. CONTRACTOR SHALL COORDINATE ALL SHEETS WITH MECHANICAL, ELECTRICAL, & PLUMBING.
- B. UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO FACE OF STUD.
- C. REFER TO A-401 FOR PARTITION TYPES.
- D. REFER TO A-111 FOR GLAZING ELEVATIONS ABOVE 6'-0".
- E. REFER TO ENLARGED PLANS FOR WALL TYPES AND DIMENSIONS WITHIN DETAILED AREAS.
- F. REFER TO A-401 FOR DOOR SCHEDULE, FRAME TYPES AND GLAZING ELEVATIONS.
- G. REFER TO ARCHITECTURAL SITE PLAN SHEETS FOR INFORMATION PERTAINING TO SITE WALLS, STAIRS, CURBS AND PAVING, ETC.
- H. PROVIDE GLASS FIBER BLANKET INSULATION, REINFORCED FOIL FACED AT ALL EXPOSED AND CONCEALED LOCATIONS.

KEYED NOTES

- 1 NEW KILN, OWNER PROVIDED
- 2 EXISTING LOOM, OWNER PROVIDED
- 3 WOOD COLUMN TYP. SEE STRUCTURAL
- 4 KITCHEN EQUIPMENT SHALL BE CONTRACTOR PROVIDED AND INSTALLED PER DESIGN.
- 5 HOOD OVERHEAD
- 6 ROOF ACCESS LADDER
- 7 CASEWORK. REFER TO INTERIOR ELEVATIONS.
- 8 CEILING SOFFIT OVERHEAD. REFER TO REFLECTED CEILING PLAN.
- 9 EXTERIOR SOFFIT OVERHEAD. REFER TO REFLECTED CEILING PLAN.
- 10 LINE OF PORTAL ABOVE. REFER TO ROOF PLAN.
- 11 BANCO SEATING WITH WOOD CAP.
- 12 EXISTING HUD HOUSE AND PORTAL TO REMAIN.
- 13 ROOF DRAIN OVERFLOW DRAIN. SEE PLUMBING.
- 14 BOOKCASE. REFER TO INTERIOR ELEVATIONS.
- 15 GUARDRAIL. REFER TO SITE DETAILS.
- 16 CAST-IN-PLACE CONCRETE BENCH. REFER TO SITE DETAILS.
- 17 PLUMBING EQUIPMENT. SEE MEP.
- 18 MECHANICAL AND ELECTRICAL EQUIPMENT. SEE MEP.
- 19 DINING ENTRY PONY WALL.

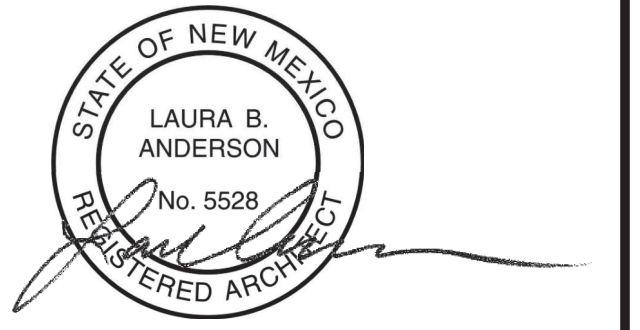


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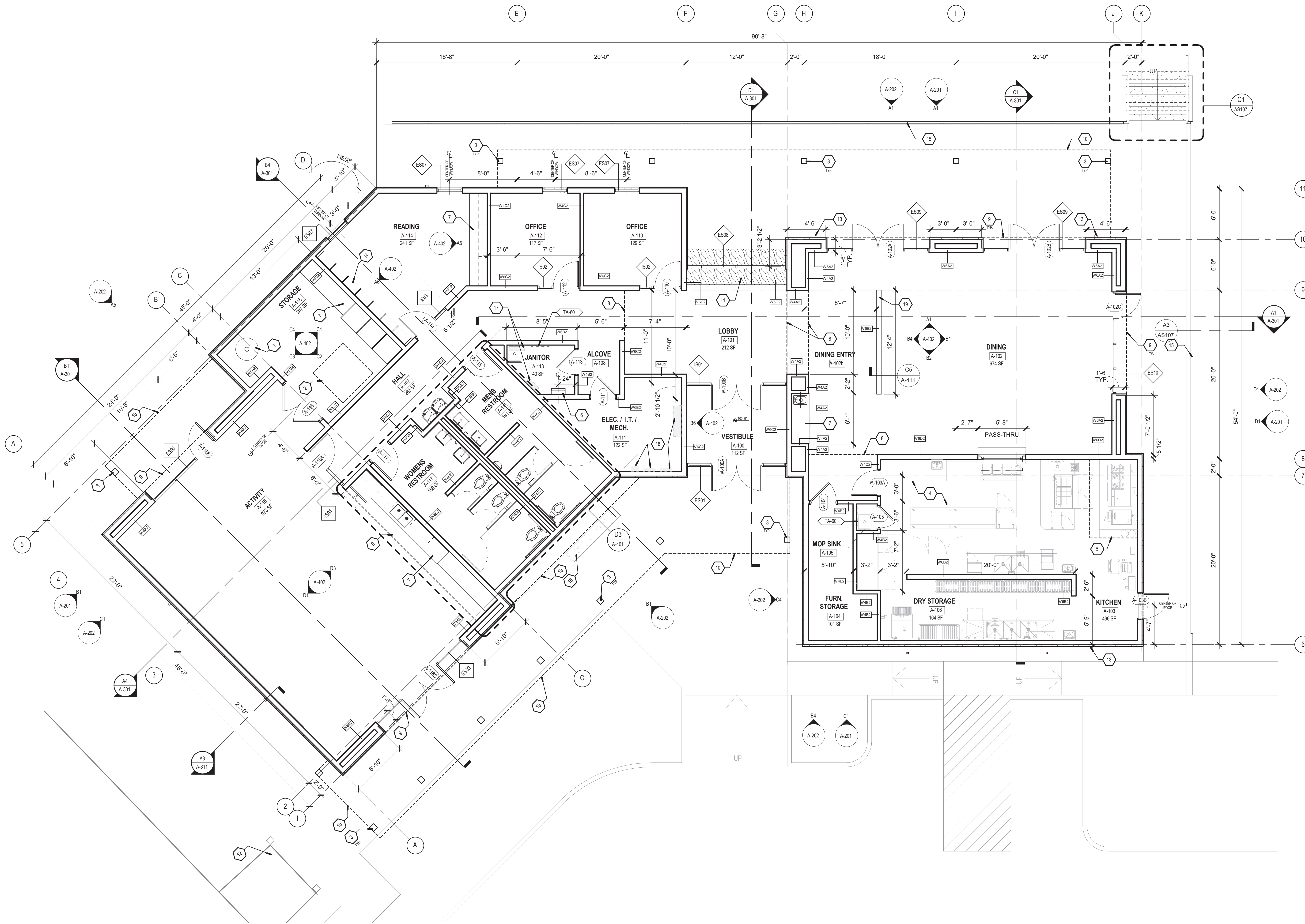
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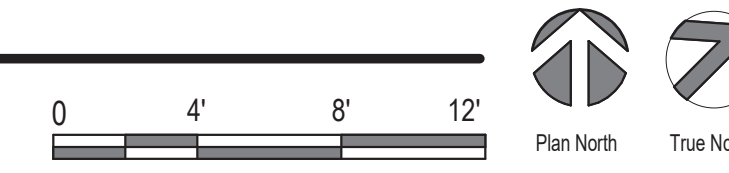
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| FILE: SFC Abdon Lopez Senior Center | | |
| DRAWN BY: PS | | |
| CHECKED BY: LA | | |
| DATE: SEPT. 20, 2023 | | |

SHEET TITLE
FLOOR PLAN

A-101



A1 FLOOR PLAN
3/16" = 1'-0"



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GENERAL NOTES

- A. COORDINATE WITH MECHANICAL, ELECTRICAL & PLUMBING.
- B. ALIGN CEILING GRIDS AS SHOWN IN RCP.
- C. REFER TO A-511 FOR CEILING DETAILS.



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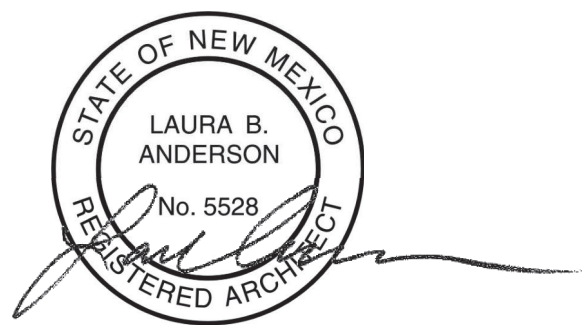
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KEYED NOTES

- 1 OPEN TO STRUCTURE. SEE STRUCTURAL. PAINT DECK AND JOISTS FIELD COLOR.
- 2 OPEN TO STRUCTURE. SEE STRUCTURAL. PAINT DECK AND JOIST. REFER TO MATERIAL SCHEDULE.
- 3 EXPOSED ARCHITECTURAL GRADE STRUCTURAL GLU-LAM BEAM. STAIN AND SEAL. SEE STRUCTURAL.
- 4 EXTERIOR STRUCTURAL T&G WOOD PLANK. STAIN AND SEAL. SEE STRUCTURAL.
- 5 KITCHEN EXHAUST HOOD. SEE MECHANICAL.
- 6 ROOF ACCESS HATCH.
- 7 TECTUM ACOUSTICAL PANEL. LOCATE BETWEEN TRUSS BAY. SURFACE MOUNT AT UNDERSIDE OF ROOF DECK.
- 8 INTERIOR T&G WOOD PLANK. STAIN WOOD TO MATCH EXTERIOR WOOD CEILING.

CONSULTANTS

Architect Engineer



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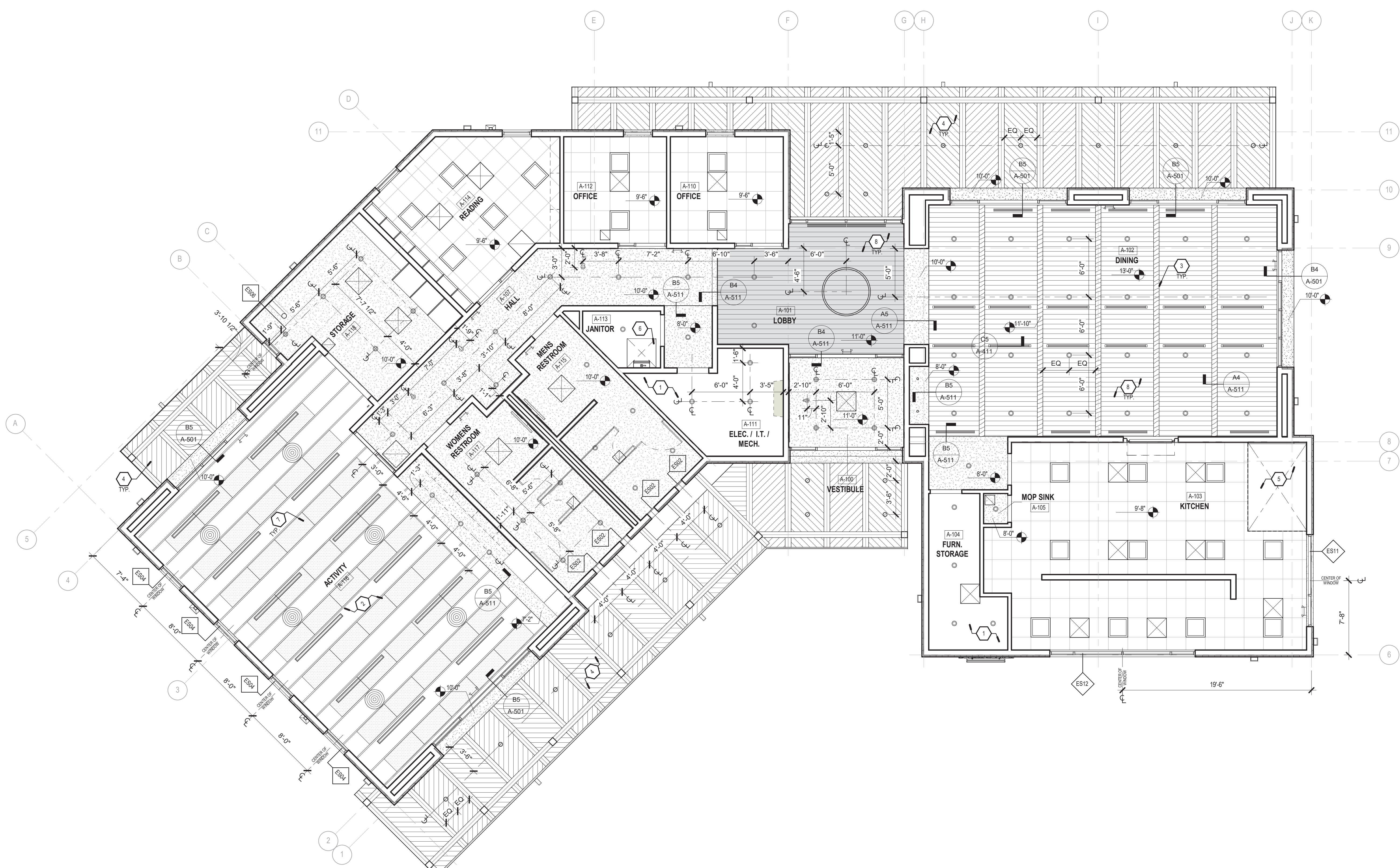
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| CHECKED BY: | LA | |
| DATE: | SEPT. 20, 2023 | |

SHEET TITLE
REFLECTED CEILING
PLAN

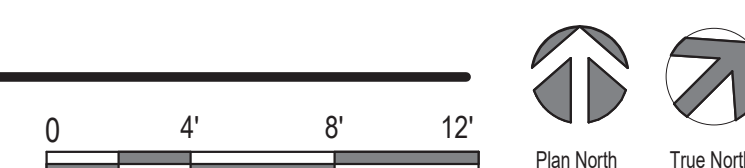
A-111



LEGEND

- 2' X 2' ACOUSTICAL TILE CEILING
09 5123
- GYPSUM BOARD CEILING
09 2900
- EXPOSED GLULAM BEAM
SEE STRUCTURAL
- 2X T&G PLANK CEILING
SEE STRUCTURAL
- ACOUSTICAL CEILING TILE
(TECTUM)
- 1X T&G PLANK CEILING
06 1000
- 2X2 LED LIGHT
- LINEAR LIGHT
- RECESSED CAN LIGHT
- MONOPOINT LIGHT
- ENTRY FIXTURE LIGHT
- LINEAR FLOW BAR SUPPLY
- LINEAR FLOW BAR RETURN
- RETURN AIR GRILLE
- SUPPLY AIR DIFFUSER
- SUPPLY AIR DIFFUSER

A1 REFLECTED CEILING PLAN
3/16" = 1'-0"



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GENERAL NOTES

- A. COORDINATE WITH STRUCTURAL, MECHANICAL, ELECTRICAL & PLUMBING.
- B. REFER TO A-521 FOR ROOF DETAILS.



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KEYED NOTES

- 1 80 MIL PVC ROOF MEMBRANE
- 2 ROOF DRAIN AND OVERFLOW, PER PLUMBING SPECIFICATIONS.
- 3 ROOF SCUPPER AND DOWNSPOUT, PAINT TO MATCH EXTERIOR WALLS.
- 4 ROOF CRICKET.
- 5 HVAC EQUIPMENT, PER MECHANICAL SPECIFICATIONS.
- 6 ROOF ACCESS HATCH.
- 7 METAL PARAPET COPING
- 8 PARAPET PASS-THROUGH WITH ACCESS LADDER.
- 9 PORTAL ROOF SCUPPER INTEGRATED INTO FLASHING AND GRAVEL STOP.
- 10 VENT PIPES AND NATURAL GAS LINES. SEE PLUMBING.

LEGEND

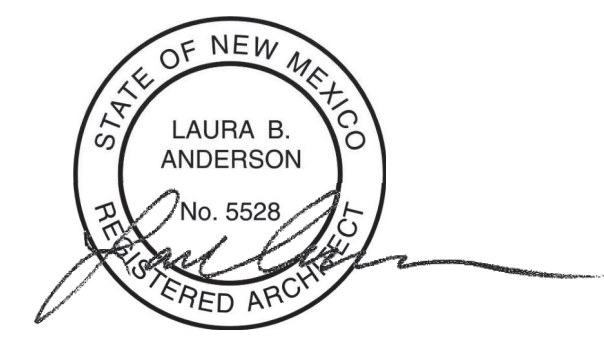


ROOF PROTECTION WALKWAY MAT

CONSULTANTS

Architect

Engineer



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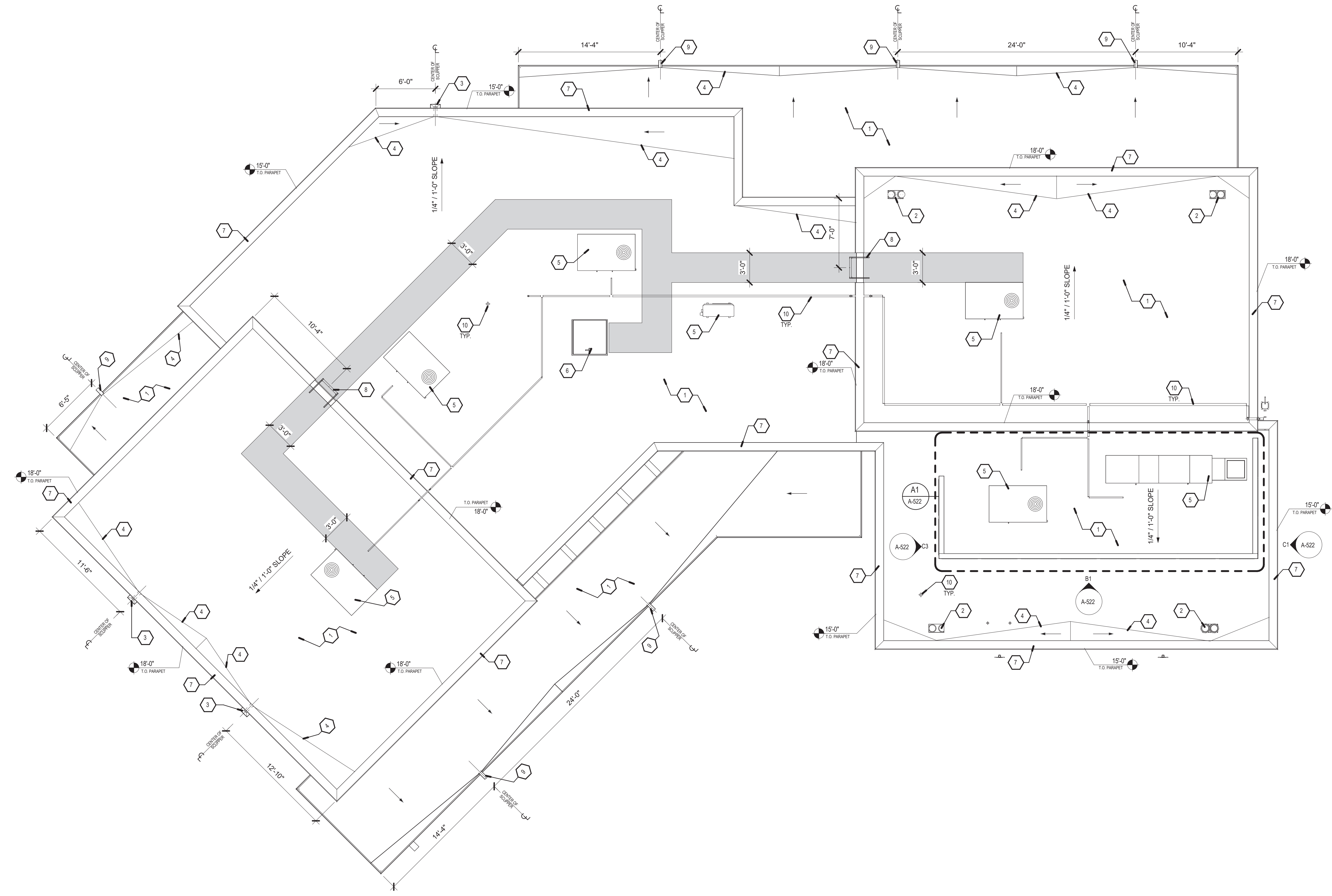
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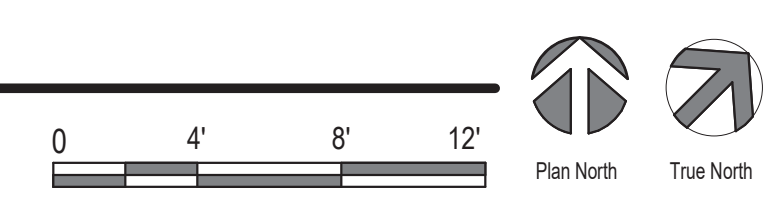
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FILE: SFC Abdon Lopez Senior Center
DRAWN BY: PS
CHECKED BY: LA
DATE: SEPT. 20, 2023

SHEET TITLE
ROOF PLAN

A-121

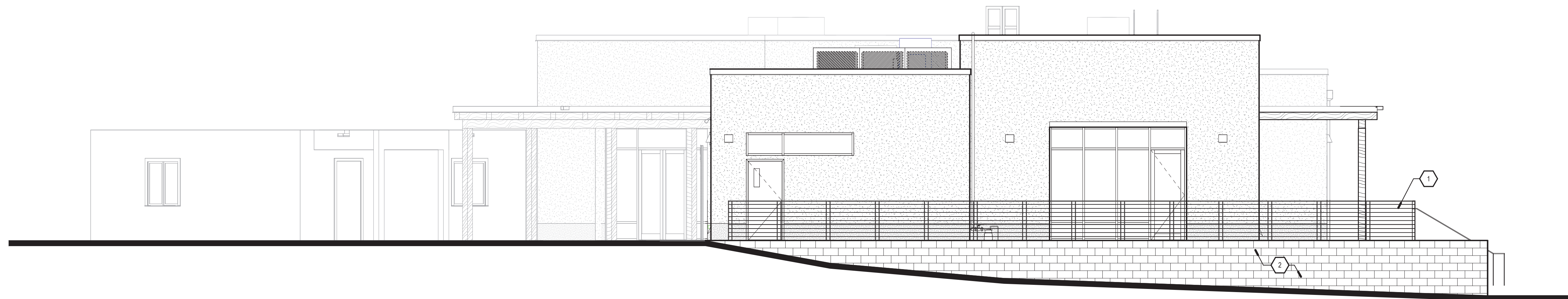


A1 ROOF PLAN
3/16" = 1'-0"

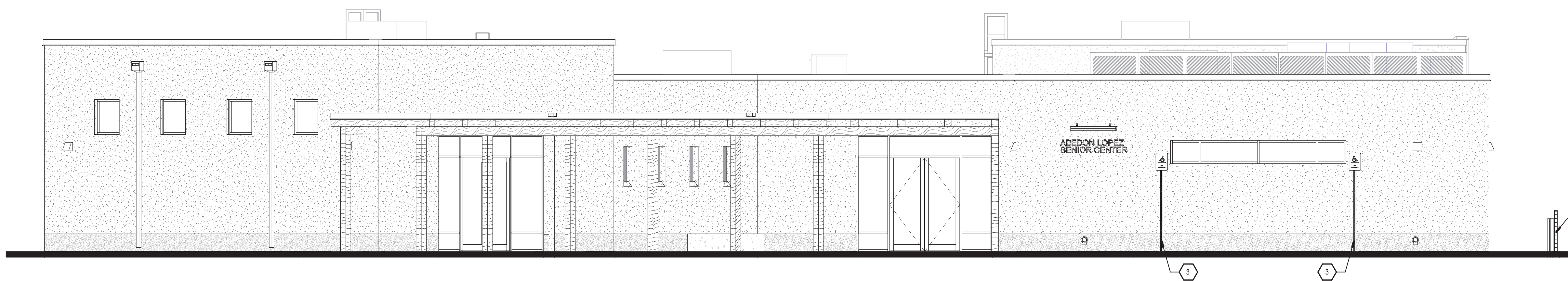


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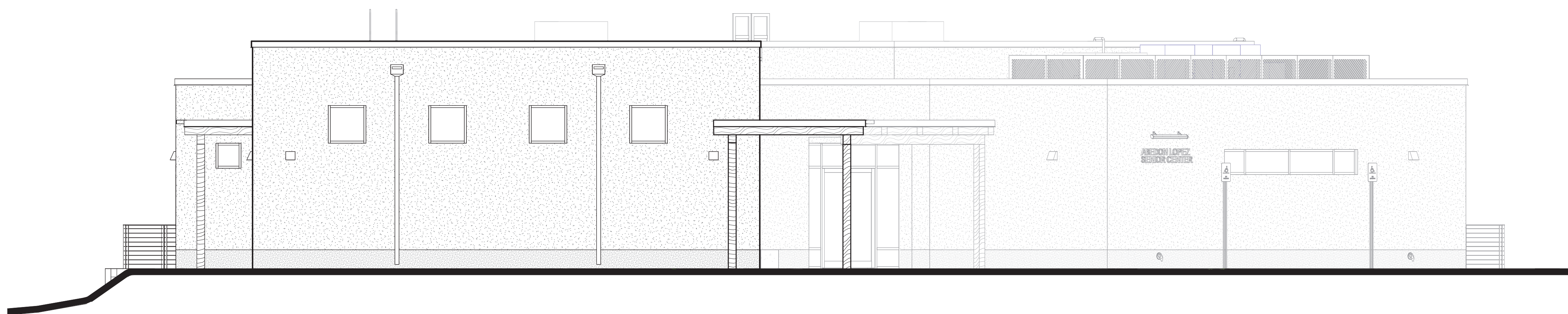
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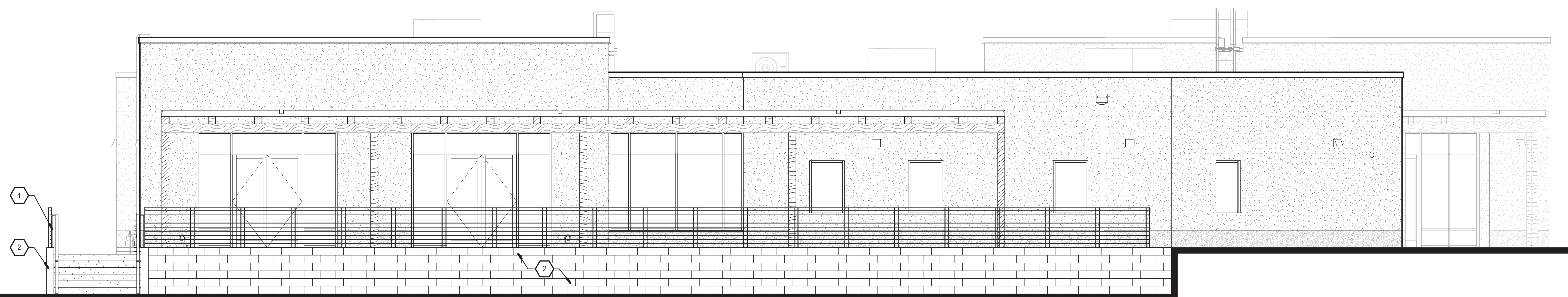
D1 OVERALL - NORTH ELEVATION
3/16" = 1'-0"



C1 OVERALL - EAST ELEVATION
3/16" = 1'-0"



B1 OVERALL - SOUTH ELEVATION
3/16" = 1'-0"



A1 OVERALL - WEST ELEVATION
3/16" = 1'-0"

GENERAL NOTES

- A. COORDINATE WITH STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL & PLUMBING.
- B. GRADE VARIES. REFER TO CIVIL FOR EXTERIOR FINISH GRADES.
- C. REFER TO A-202 FOR DETAILED EXTERIOR BUILDING ELEVATIONS.

KEYED NOTES

- 1 STEEL GUARDRAIL. REFER TO SITE DETAILS.
- 2 CMU RETAINING BLOCK WALL. SEE STRUCTURAL.
- 3 ADA SIGN AND POST. REFER TO SITE DETAILS.

LEGEND

- EIFS EXTERIOR FINISH BROWN
- EIFS EXTERIOR FINISH GRAY
- CONCRETE
- WOOD



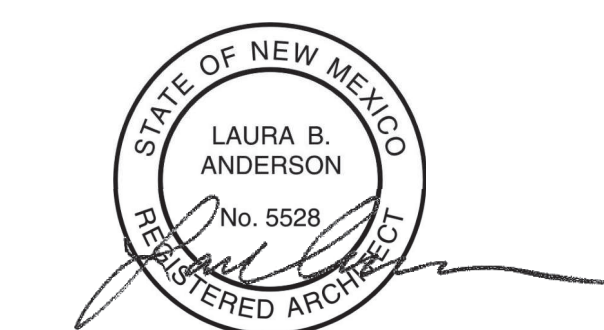
2101 Mountain Road NW Suite B | Albuquerque NM 87104
505-843-9639 | www.studioswarch.com

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CONSULTANTS

Architect

Engineer



2023.09.21 16:08:19-0607

SANTA FE COUNTY -
ABEDON LOPEZ SENIOR CENTER

155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

| No | Date | Description |
|-------------------|------|-------------|
| Revision Schedule | | |

| | |
|-----------------|-------------------------------|
| ISSUE: | 100% CONSTRUCTION DOCUMENTS |
| PROJECT NUMBER: | 2303 |
| FILE: | SFC Abdon Lopez Senior Center |
| DRAWN BY: | PS |
| CHECKED BY: | LA |
| DATE: | SEPT. 20, 2023 |

SHEET TITLE
OVERALL EXTERIOR BUILDING ELEVATIONS

A-201

9/21/2023 3:44:26 PM

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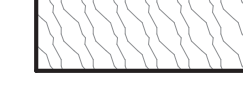
GENERAL NOTES

- A. COORDINATE WITH STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL, & PLUMBING.
- B. GRADE VARIES, REFER TO CIVIL FOR EXTERIOR FINISH GRADES.
- C. REFER TO A-201 FOR OVERALL EXTERIOR BUILDING ELEVATIONS.

KEYED NOTES

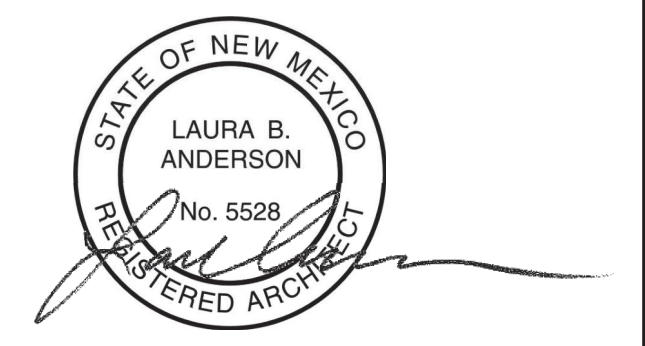
- 1 EXISTING BUILDING (HUD HOUSE) TO REMAIN, NOT IN SCOPE.
- 2 ROOF DRAIN OVERFLOW.
- 3 HVAC EQUIPMENT. SEE MECHANICAL.
- 4 EXTERIOR BUILDING SIGNAGE.
- 5 ROOF ACCESS LADDER - 05 5000.
- 6 WOOD COLUMN TYP. SEE STRUCTURAL.
- 7 ADA SIGN AND POST. REFER TO SITE DETAILS.
- 8 ROOF FLASHING AND GRAVEL STOP AT PORTAL EDGE. COLOR TO MATCH STOREFRONTS.
- 9 PORTAL ROOF SCUPPER INTEGRATED INTO FLASHING AND GRAVEL STOP. COLOR TO MATCH STOREFRONTS.
- 10 RECESSED SLOT WINDOWS, TYP.
- 11 KILN EXHAUST.
- 12 CAST-IN-PLACE CONCRETE BENCH. REFER TO SITE DETAILS.
- 13 METAL PARAPET CAP. COLOR TO MATCH STUCCO.
- 14 PORTAL BEAMS, TYPICAL. SEE STRUCTURAL AT ALL EXPOSED BEAM ENDS. PROVIDE METAL BEAM CAP. FINISH TO MATCH PORTAL EDGE FLASHING.
- 15 STEEL GUARDRAIL, REFER TO SITE DETAILS.
- 16 STEEL MECHANICAL EQUIPMENT SCREEN. REFER TO A-522.
- 17 SIGNAGE LIGHT, SEE ELECTRICAL.
- 18 UTILITY EQUIPMENT. SEE MECHANICAL AND PLUMBING.
- 19 CMU RETAINING BLOCK WALL. SEE STRUCTURAL.
- 20 FACTORY PAINTED LEADER AND DOWNSPOUT TO MATCH SURROUNDING EIFS COLOR.
- 21 EXTERIOR BUILDING LIGHT. SEE ELECTRICAL.
- 22 EXTERIOR BANCO WITH EIFS FINISH, WOOD CAP.

LEGEND

-  EIFS EXTERIOR FINISH BROWN
-  EIFS EXTERIOR FINISH GRAY
-  CONCRETE
-  WOOD

CONSULTANTS

Architect Engineer



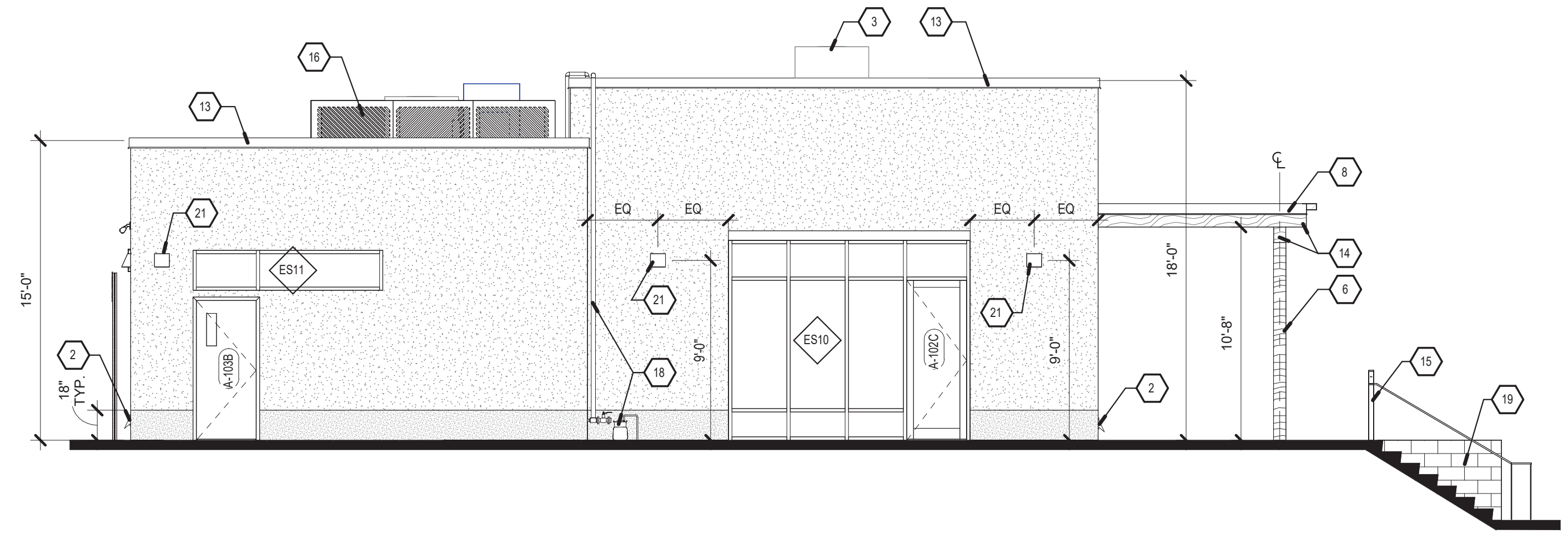
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**SANTA FE COUNTY -
ABEDON LOPEZ SENIOR
CENTER**

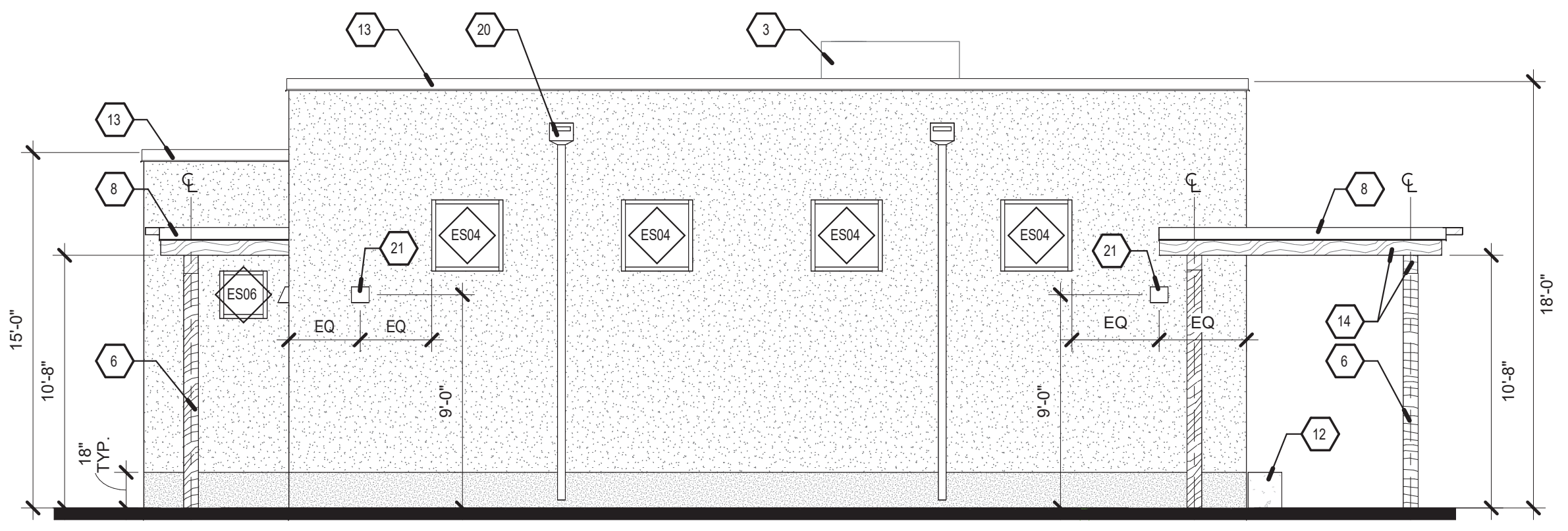
155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

| No | Date | Description |
|-------------------|------|------------------------------------|
| Revision Schedule | | |
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| ISSUE: | | 100% CONSTRUCTION DOCUMENTS |
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| DRAWN BY: | | PS |
| CHECKED BY: | | LA |
| DATE: | | SEPT. 20, 2023 |

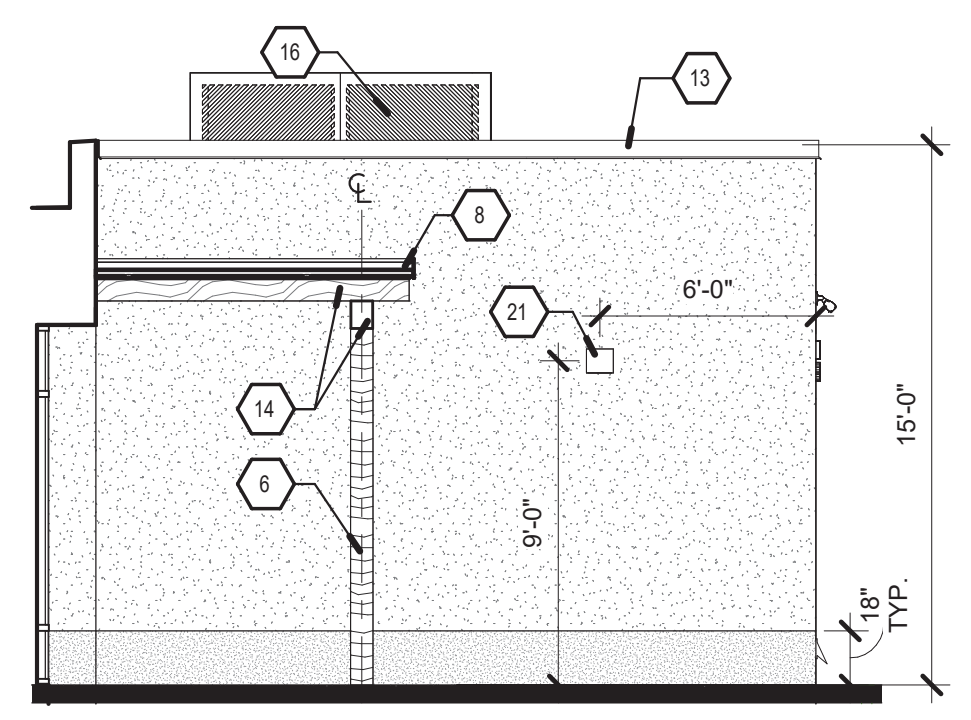
SHEET TITLE
**EXTERIOR BUILDING
ELEVATIONS**



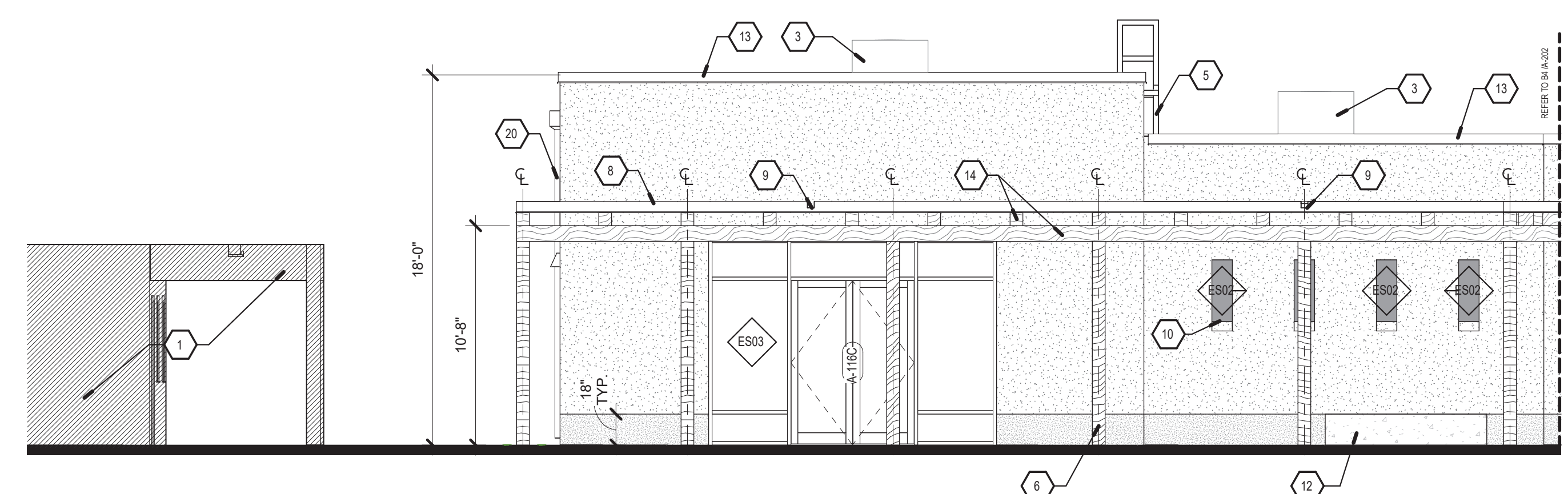
D1 NORTH ELEVATION
3/16" = 1'-0"



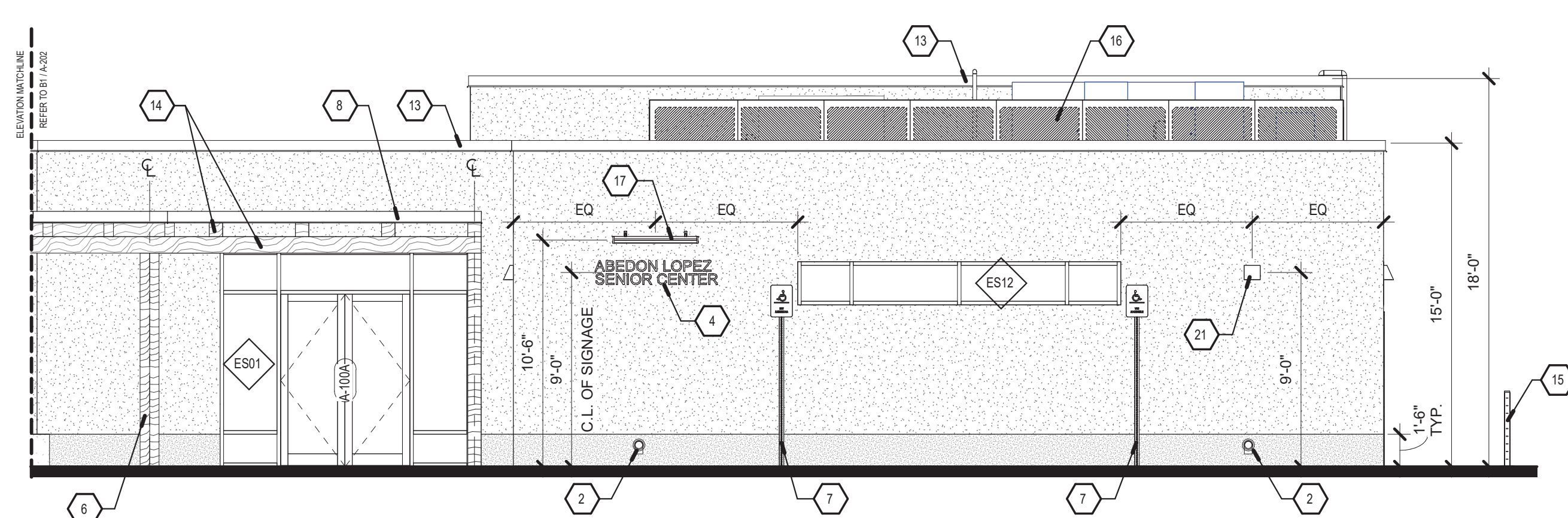
C1 SOUTH ELEVATION - ACTIVITY
3/16" = 1'-0"



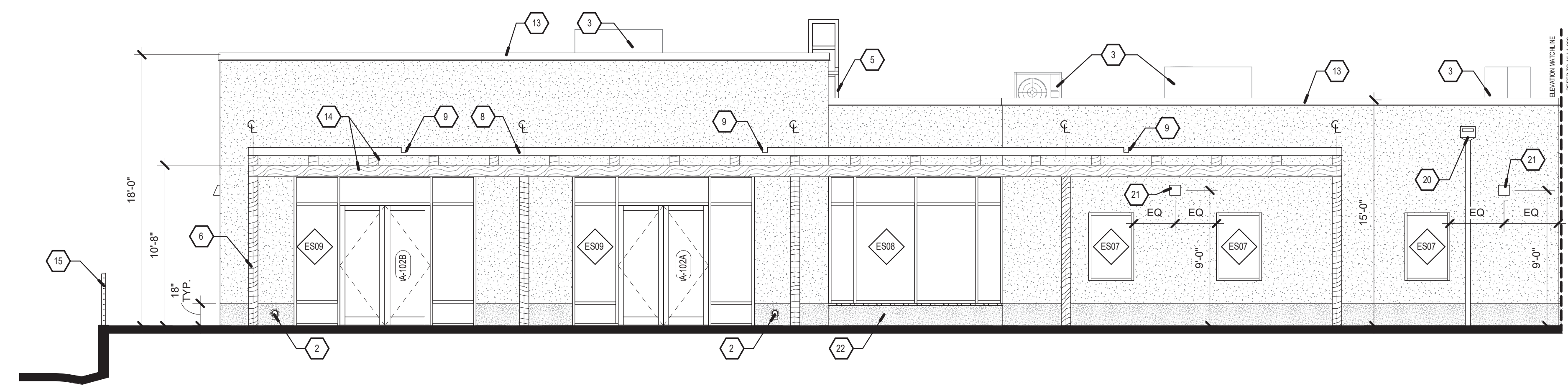
C4 SOUTH ELEVATION - ENTRYWAY
3/16" = 1'-0"



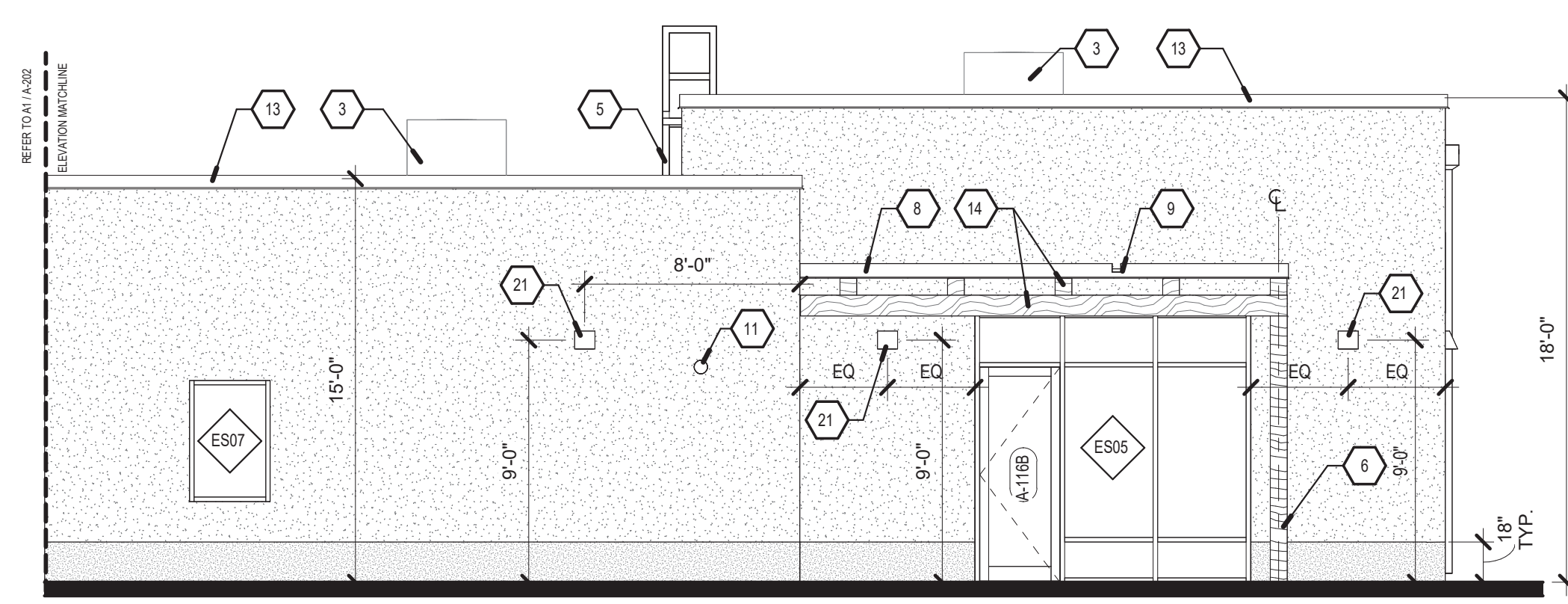
B1 EAST ELEVATION - ACTIVITY
3/16" = 1'-0"



B4 EAST ELEVATION - ENTRYWAY
3/16" = 1'-0"



A1 WEST ELEVATION - DINING
3/16" = 1'-0"



A5 WEST ELEVATION - ACTIVITY
3/16" = 1'-0"

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GENERAL NOTES

- COORDINATE WITH CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL & PLUMBING.
- FIELD VERIFY ALL CRITICAL DIMENSIONS.
- AT ALL EXTERIOR WALL ASSEMBLIES, EXTEND INTERIOR GYPSUM BOARD TO BOTTOM OF ROOF ASSEMBLY.
- AREAS OF EXPOSED STEM WALL, MATCH TO ADJACENT FINISH ABOVE.

STUDIO SW ARCHITECTS
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KEYED NOTES

- HVAC EQUIPMENT. SEE MECHANICAL.
- EXPOSED GLULAM STRUCTURE. SEE STRUCTURAL DRAWINGS.
- EXPOSED JOIST STRUCTURE. SEE STRUCTURAL DRAWINGS.
- ROOF ACCESS LADDER.
- STEEL MECHANICAL EQUIPMENT SCREEN. REFER TO A-522.

CONSULTANTS

Architect Engineer

STATE OF NEW MEXICO
 LAURA B. ANDERSON
 No. 5528
 REGISTERED ARCHITECT

2023.09.21 16:08:21-06/07

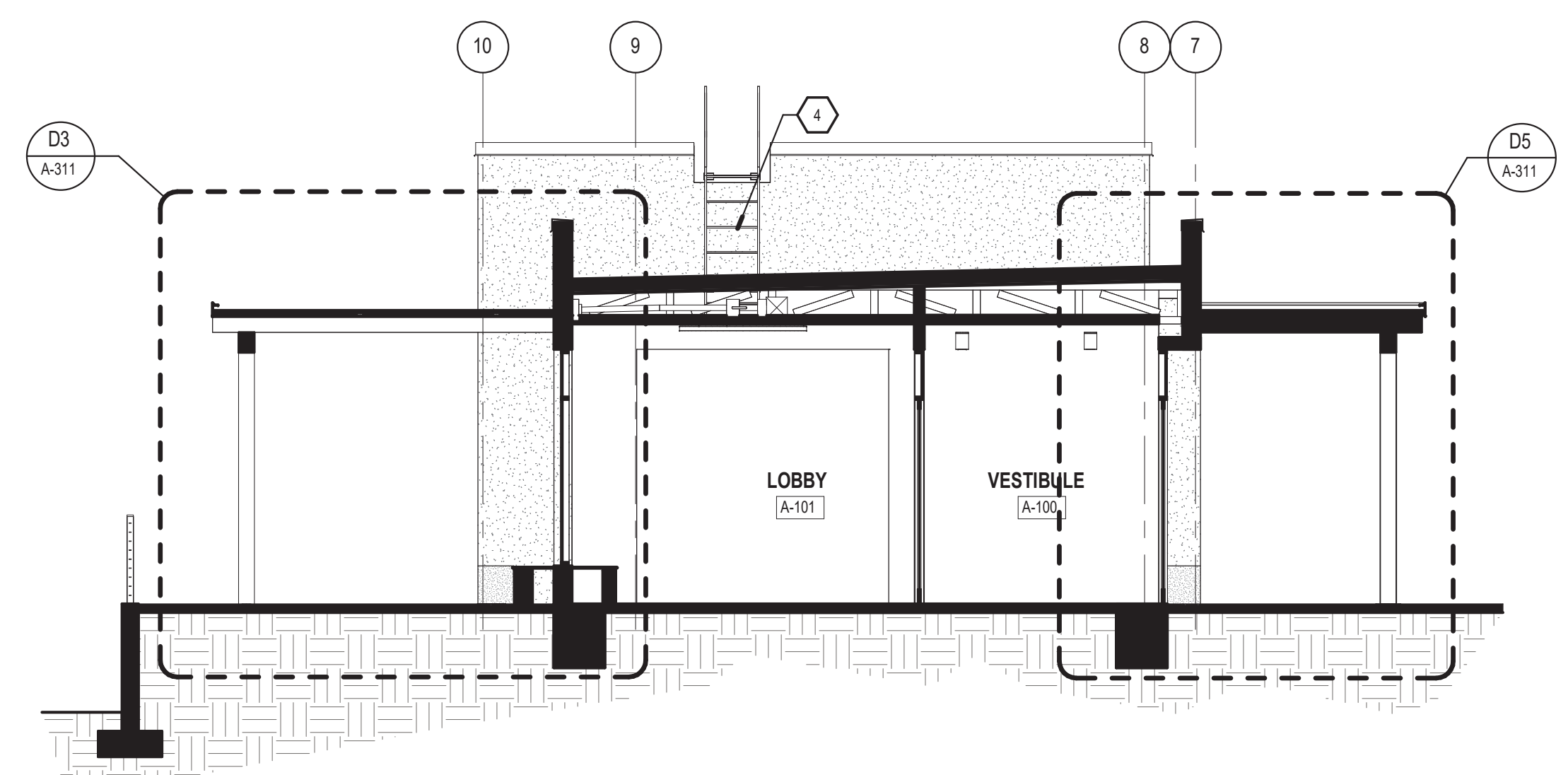
SANTA FE COUNTY -
 ABEDON LOPEZ SENIOR
 CENTER

155A CAMINO DE QUINTANA
 SANTA CRUZ, NM 87567

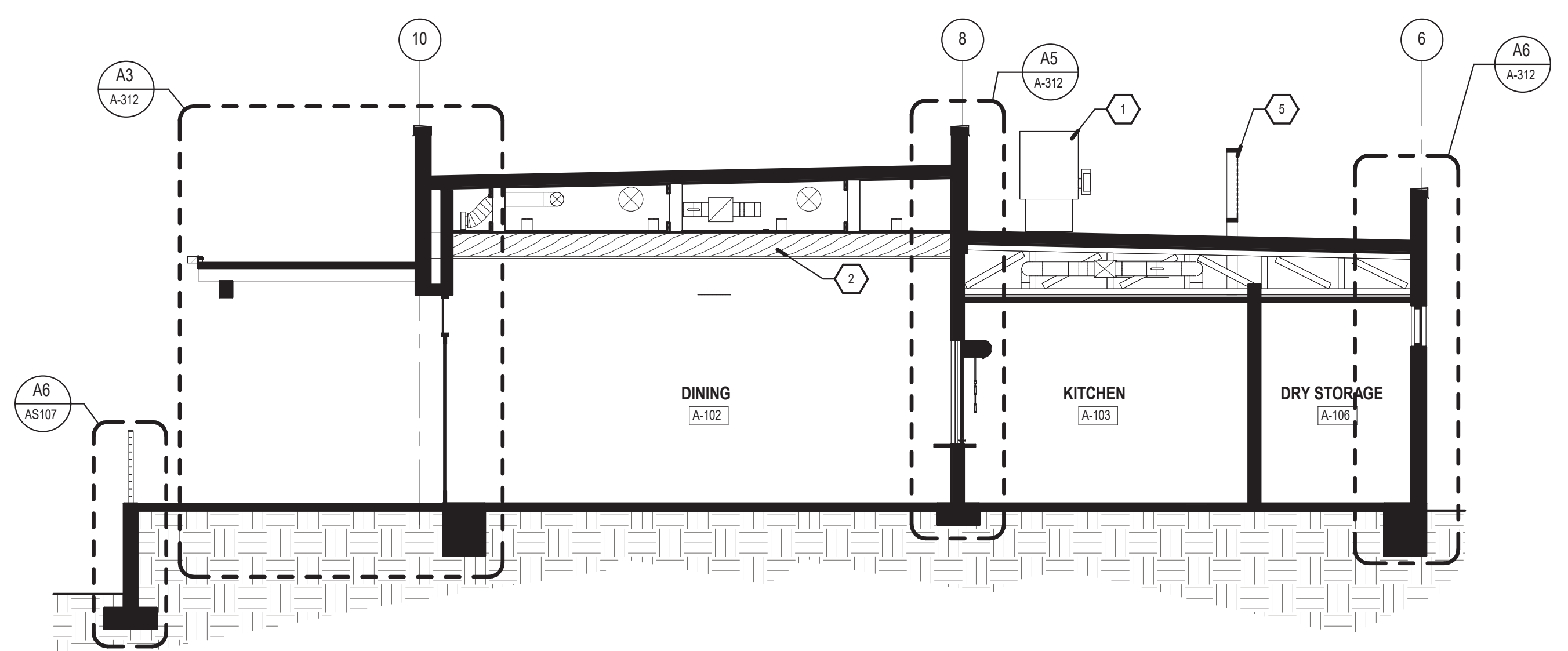
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| Revision Schedule | | |
| ISSUE: 100% CONSTRUCTION DOCUMENTS | | |
| PROJECT NUMBER: 2303 | | |
| FILE: SFC Abdon Lopez Senior Center | | |
| DRAWN BY: PS | | |
| CHECKED BY: LA | | |
| DATE: SEPT. 20, 2023 | | |

SHEET TITLE
BUILDING SECTIONS

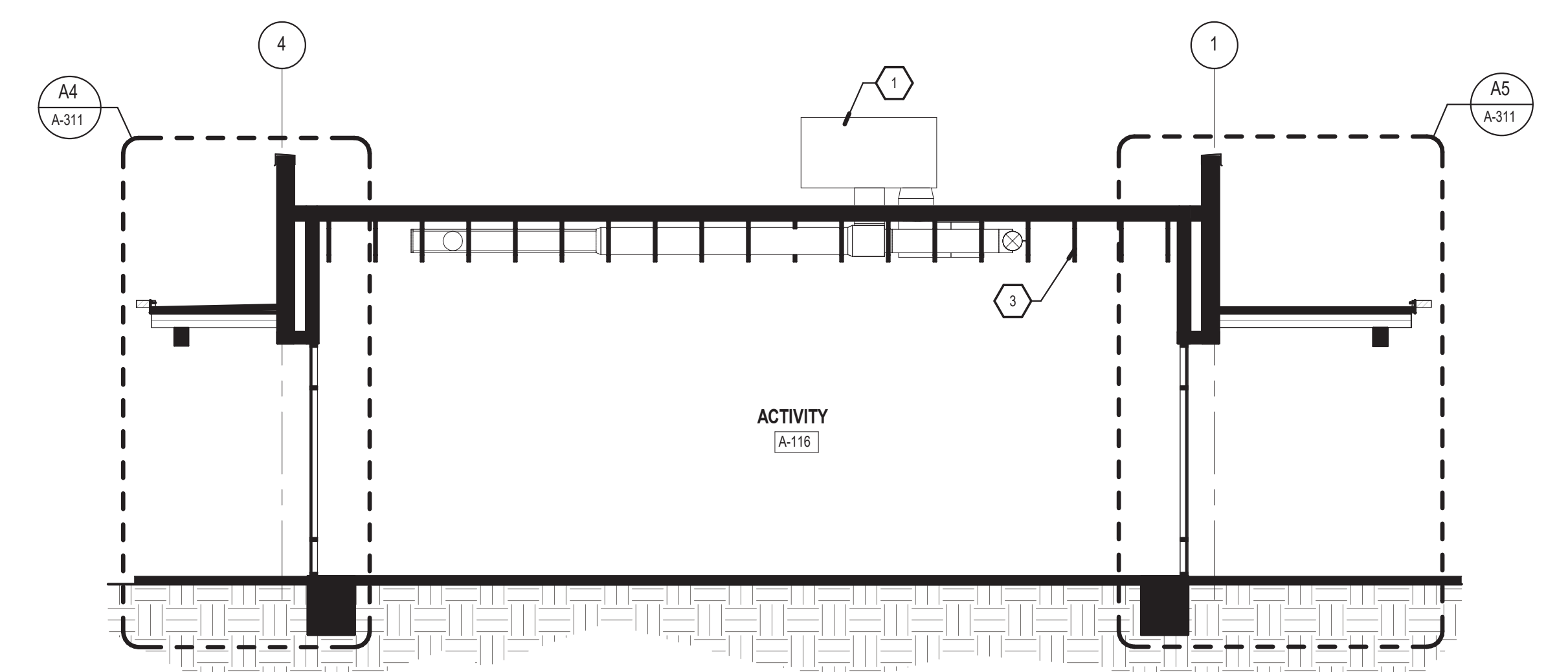
A-301



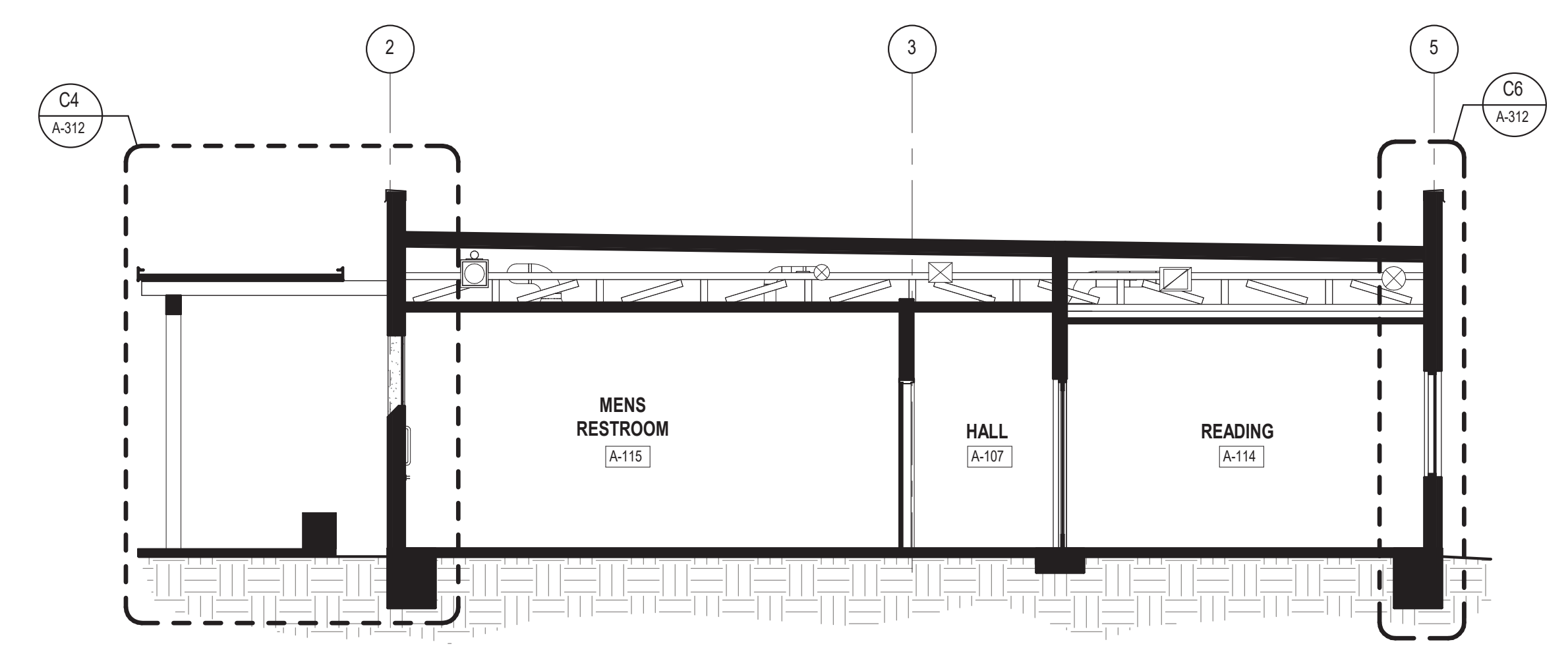
D1 BUILDING SECTION THROUGH VESTIBULE
3/16" = 1'-0"



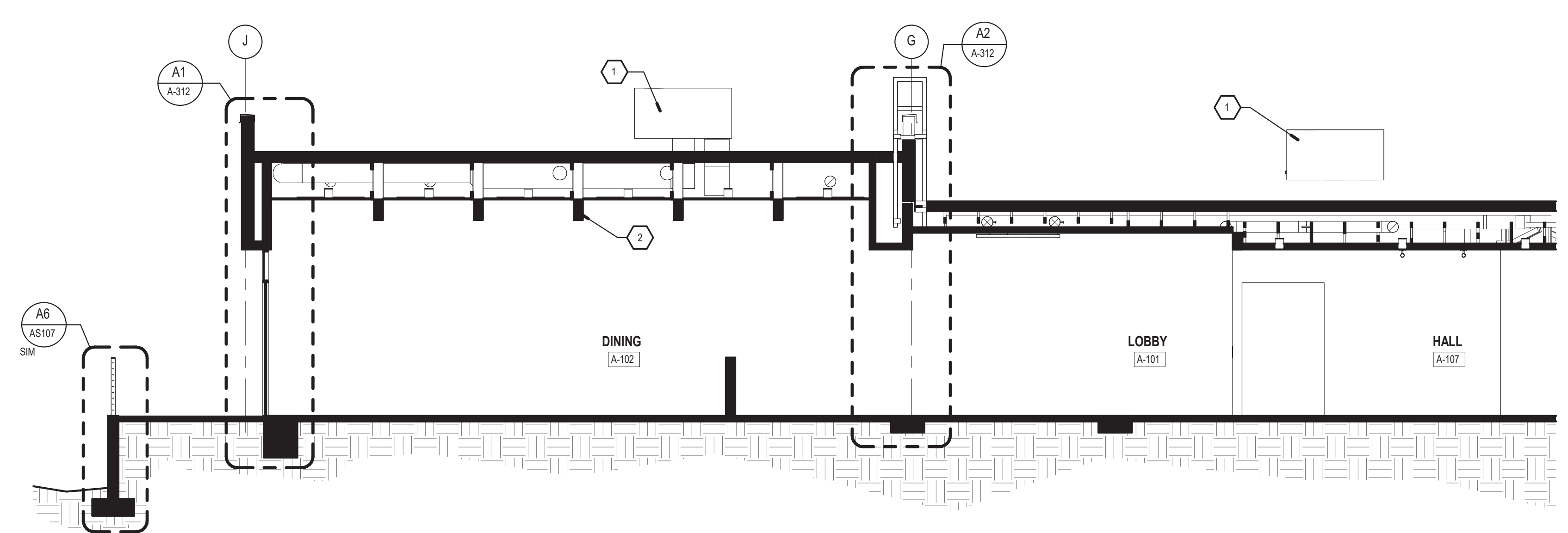
C1 BUILDING SECTION LOOKING NORTH
3/16" = 1'-0"



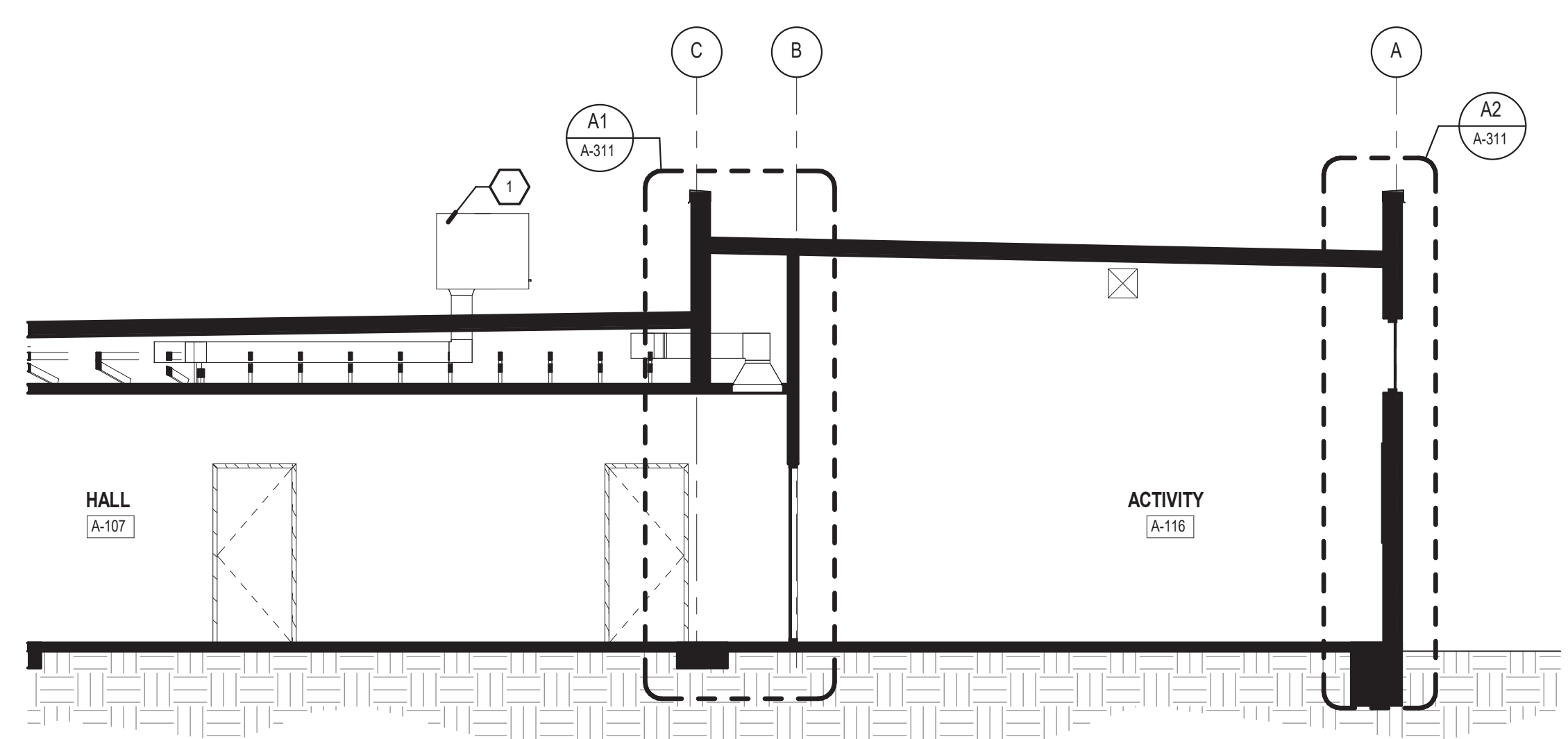
B1 BUILDING SECTION LOOKING NORTH
3/16" = 1'-0"



B4 BUILDING SECTION LOOKING SOUTH
3/16" = 1'-0"



A1 BUILDING SECTION LOOKING EAST
3/16" = 1'-0"



A4 BUILDING SECTION LOOKING EAST
3/16" = 1'-0"

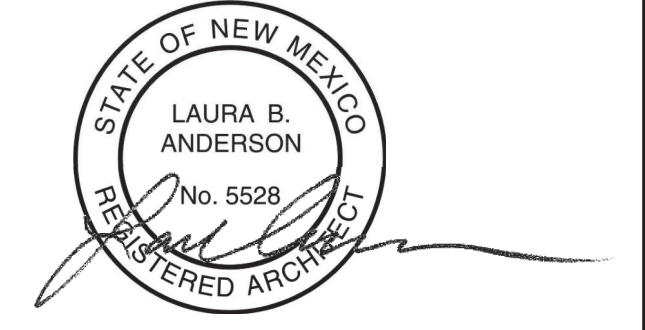
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CONSULTANTS

Architect Engineer



2023.09.21 16:08:21-06/07

SANTA FE COUNTY -
ABEDON LOPEZ SENIOR
CENTER

155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

| No | Date | Description |
|-------------------|------|-------------|
| Revision Schedule | | |

ISSUE: **100% CONSTRUCTION DOCUMENTS**

PROJECT NUMBER: 2303

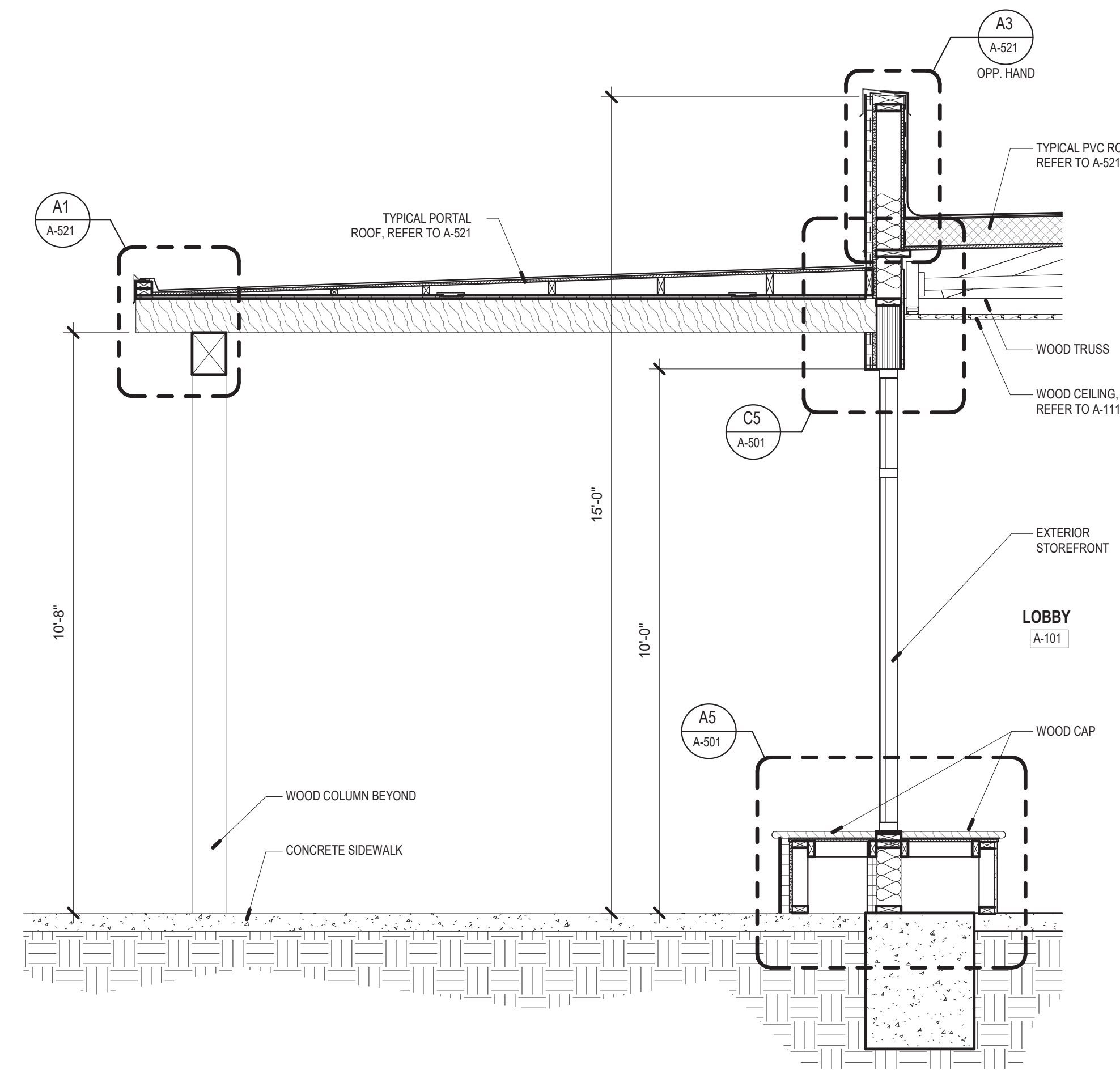
FILE: SFC Abdon Lopez Senior Center

DRAWN BY: PS

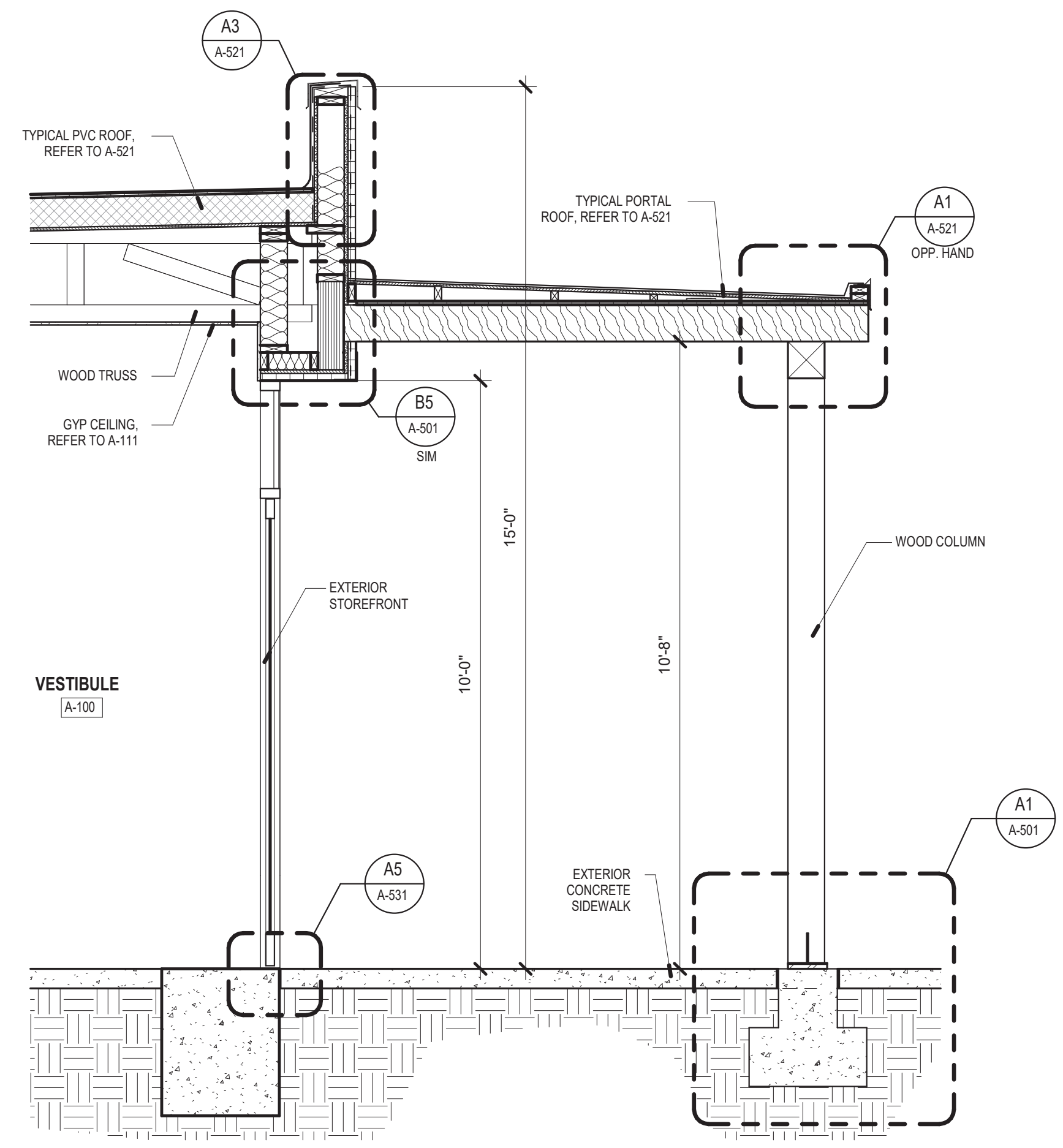
CHECKED BY: LA

DATE: SEPT. 20, 2023

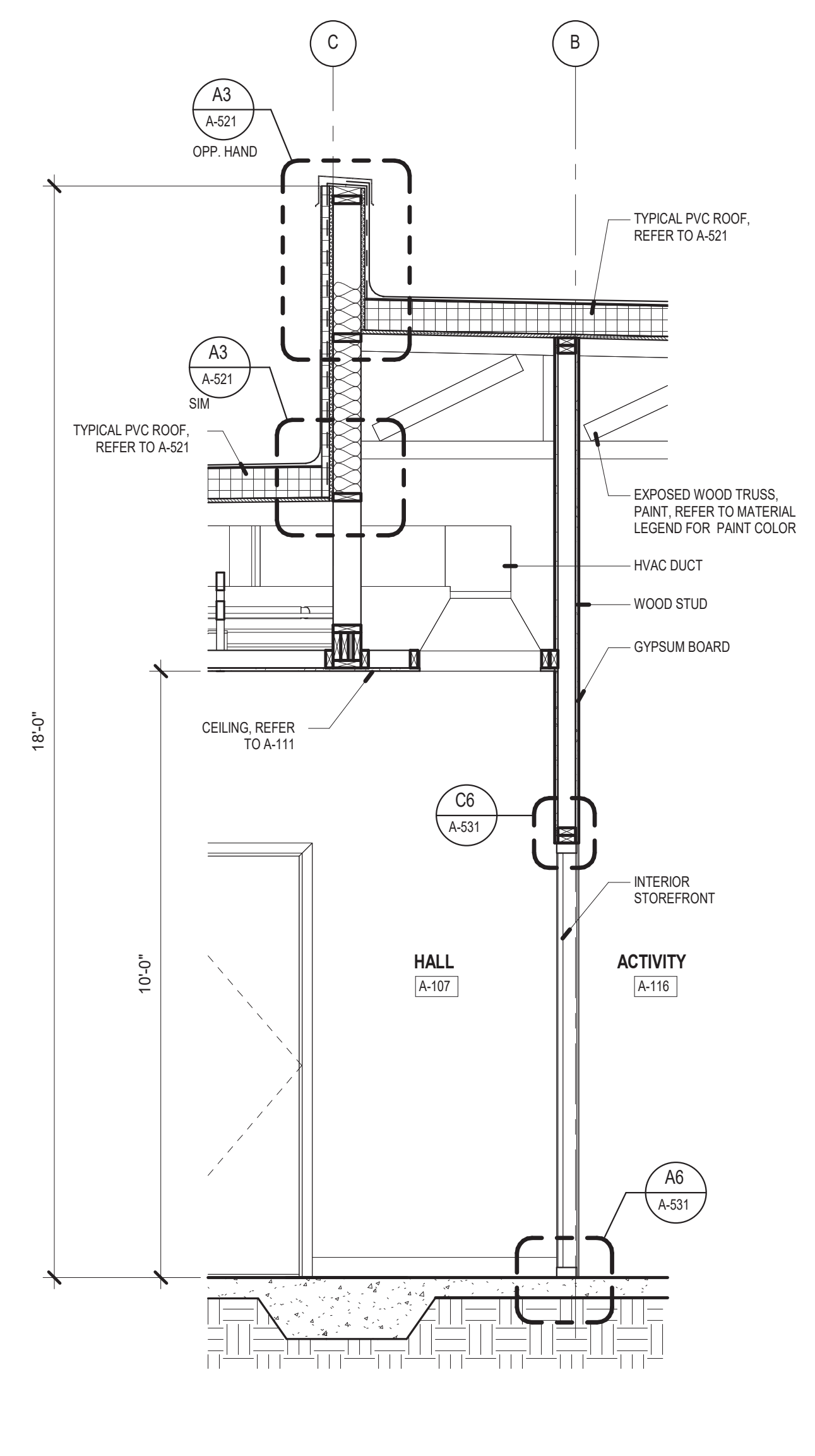
SHEET TITLE
WALL SECTIONS



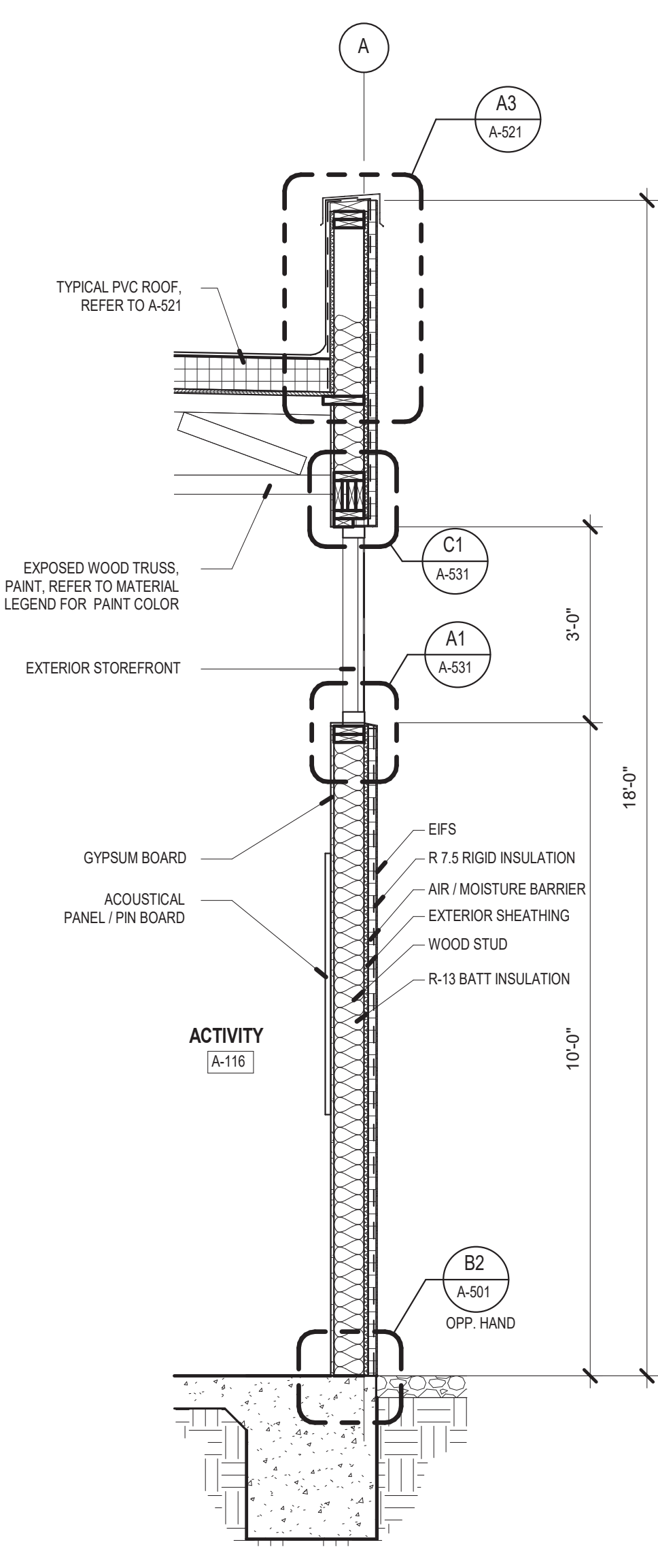
D3 WALL SECTION
1/2" = 1'-0"



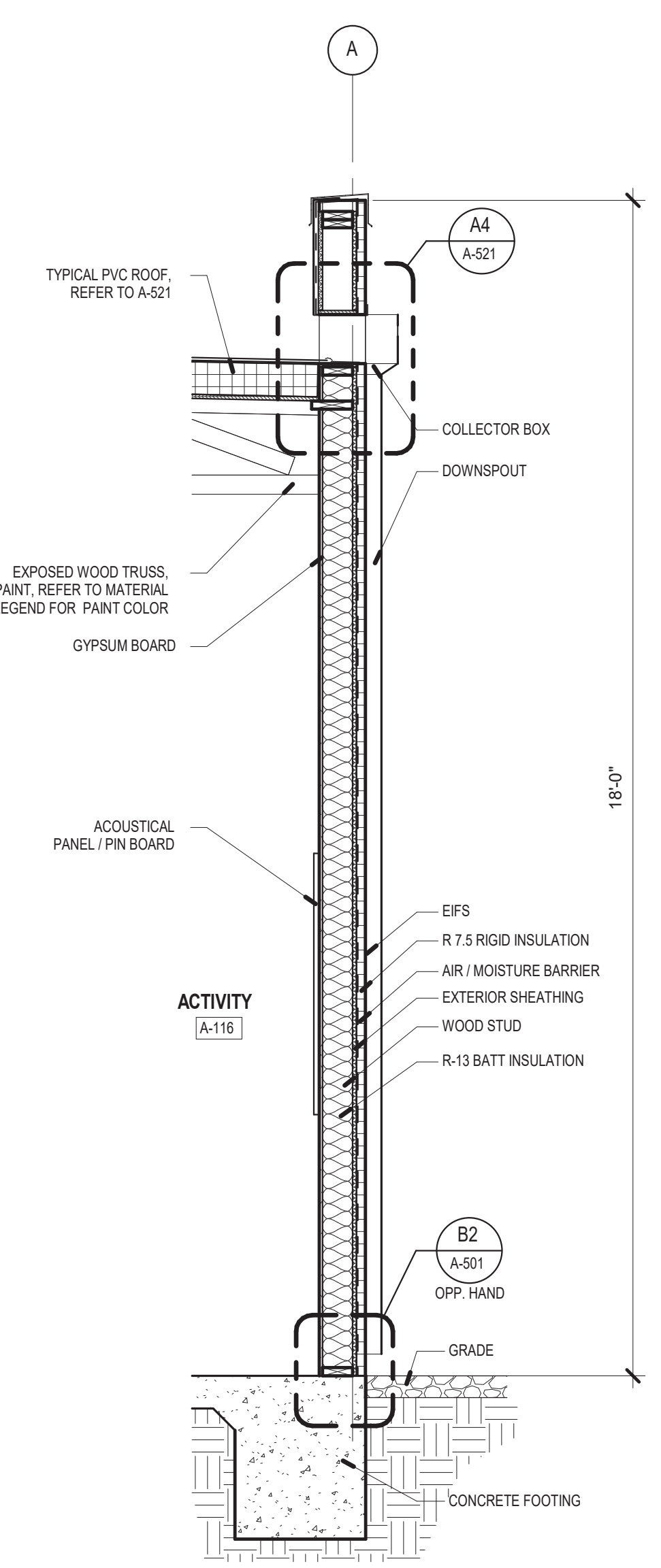
D5 WALL SECTION
1/2" = 1'-0"



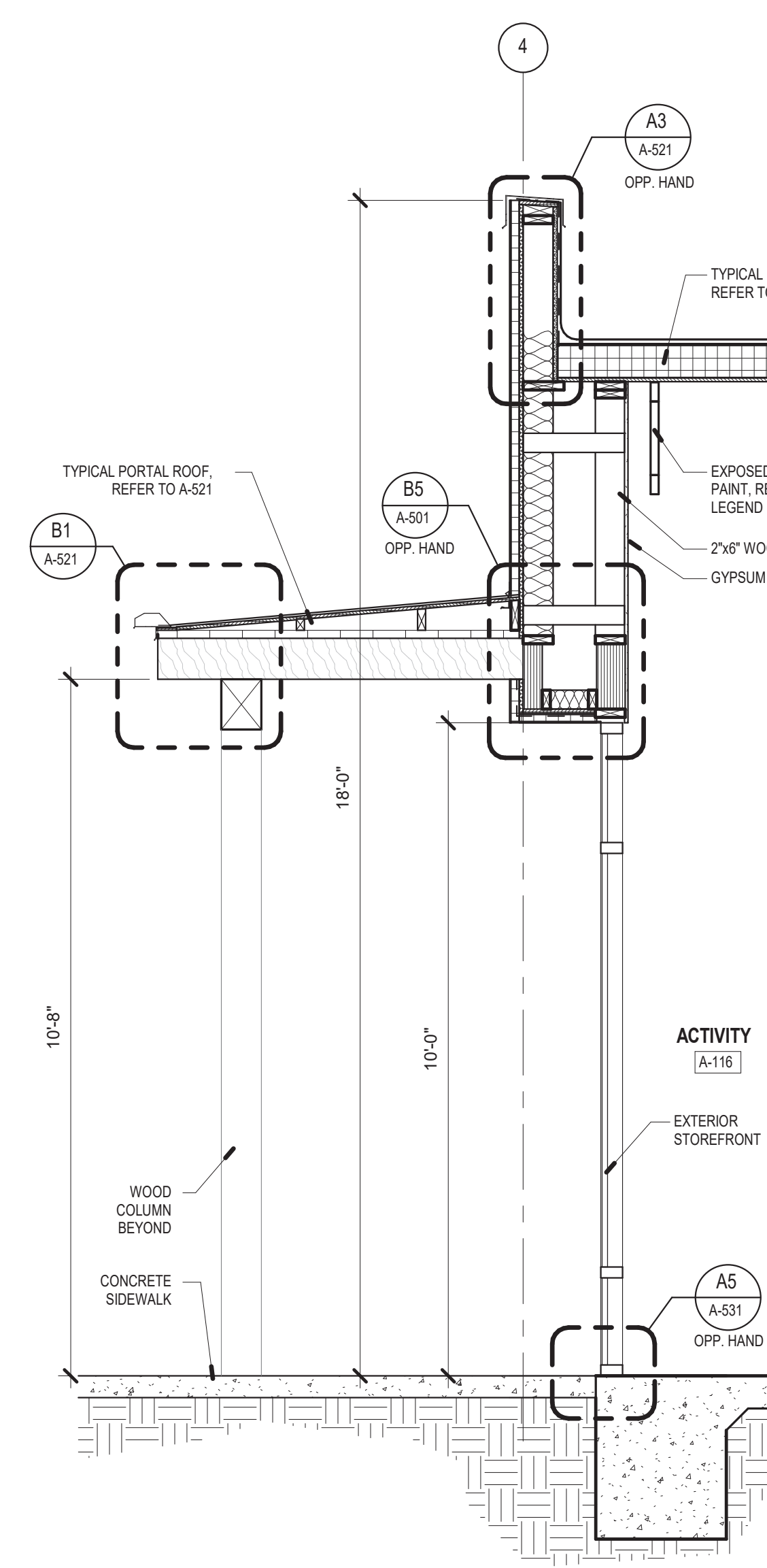
A1 WALL SECTION
1/2" = 1'-0"



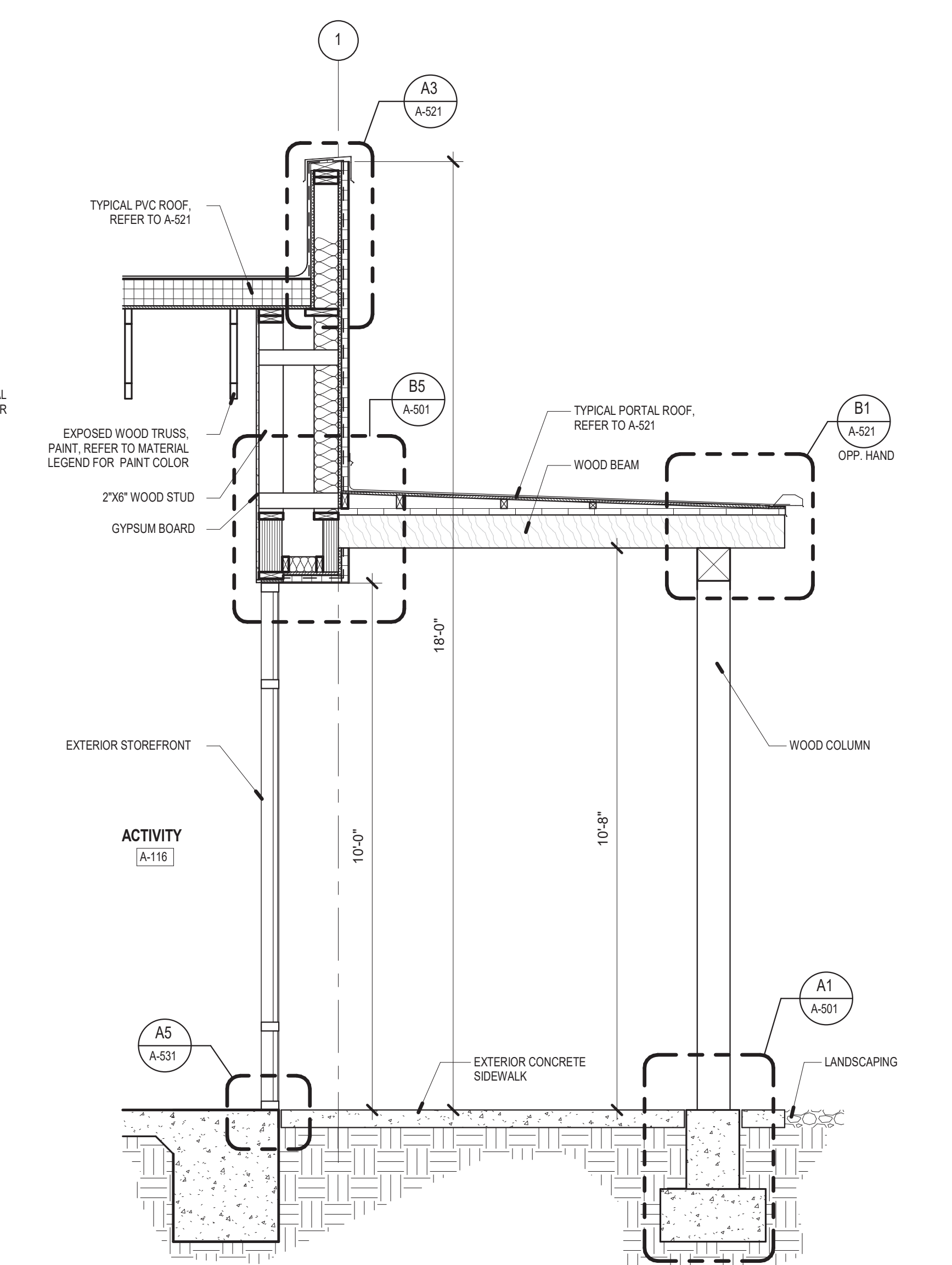
A2 WALL SECTION
1/2" = 1'-0"



A3 WALL SECTION
1/2" = 1'-0"



A4 WALL SECTION
1/2" = 1'-0"



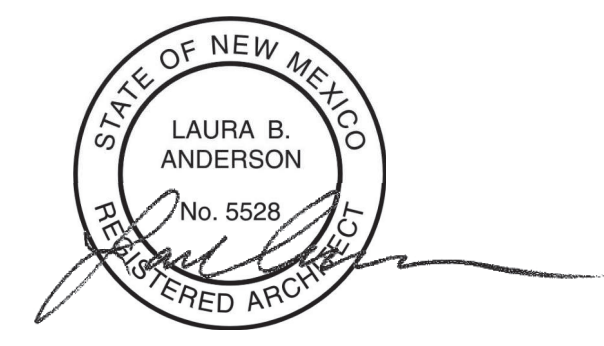
A5 WALL SECTION
1/2" = 1'-0"

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CONSULTANTS

Architect Engineer



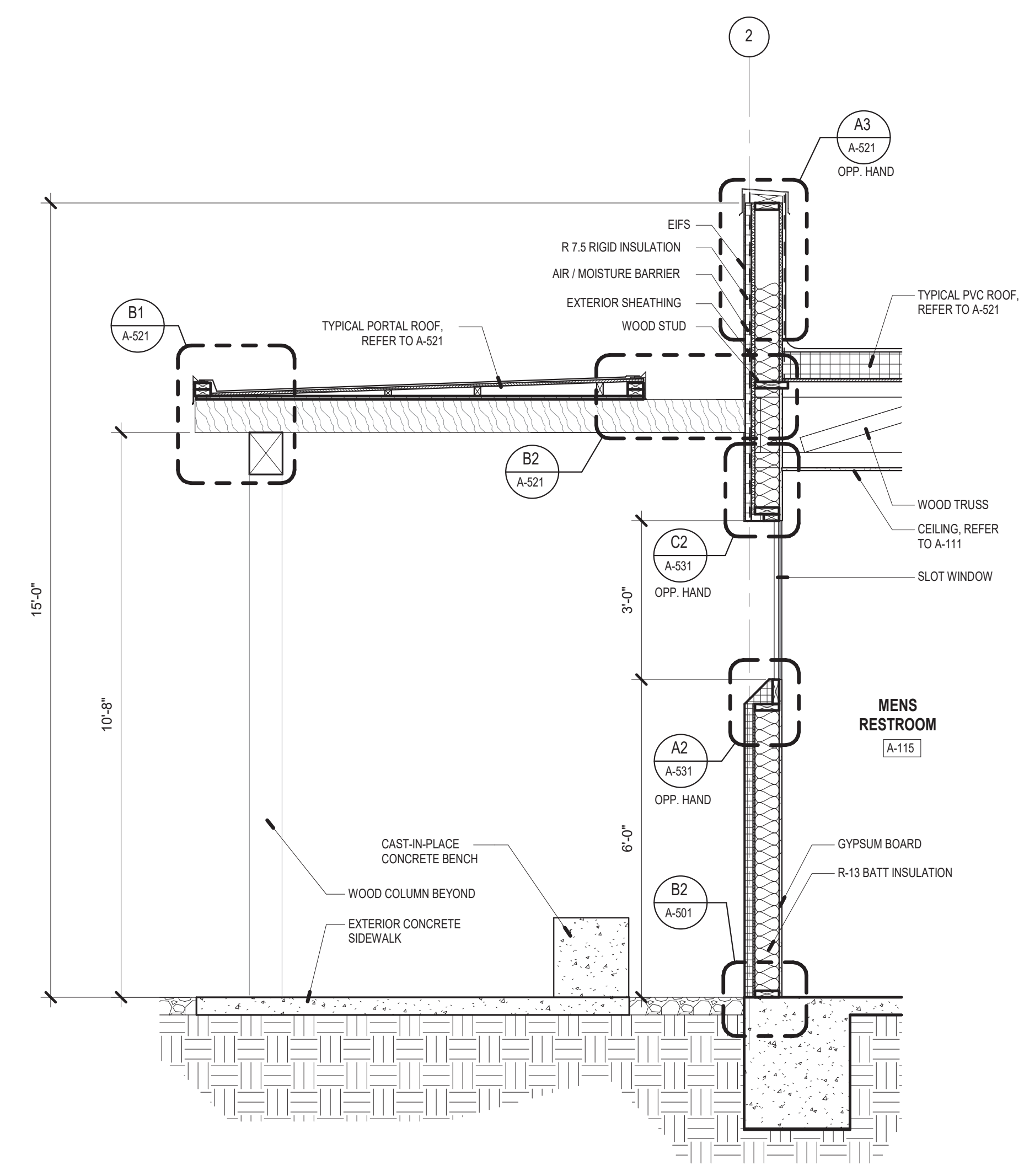
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**SANTA FE COUNTY -
ABEDON LOPEZ SENIOR
CENTER**

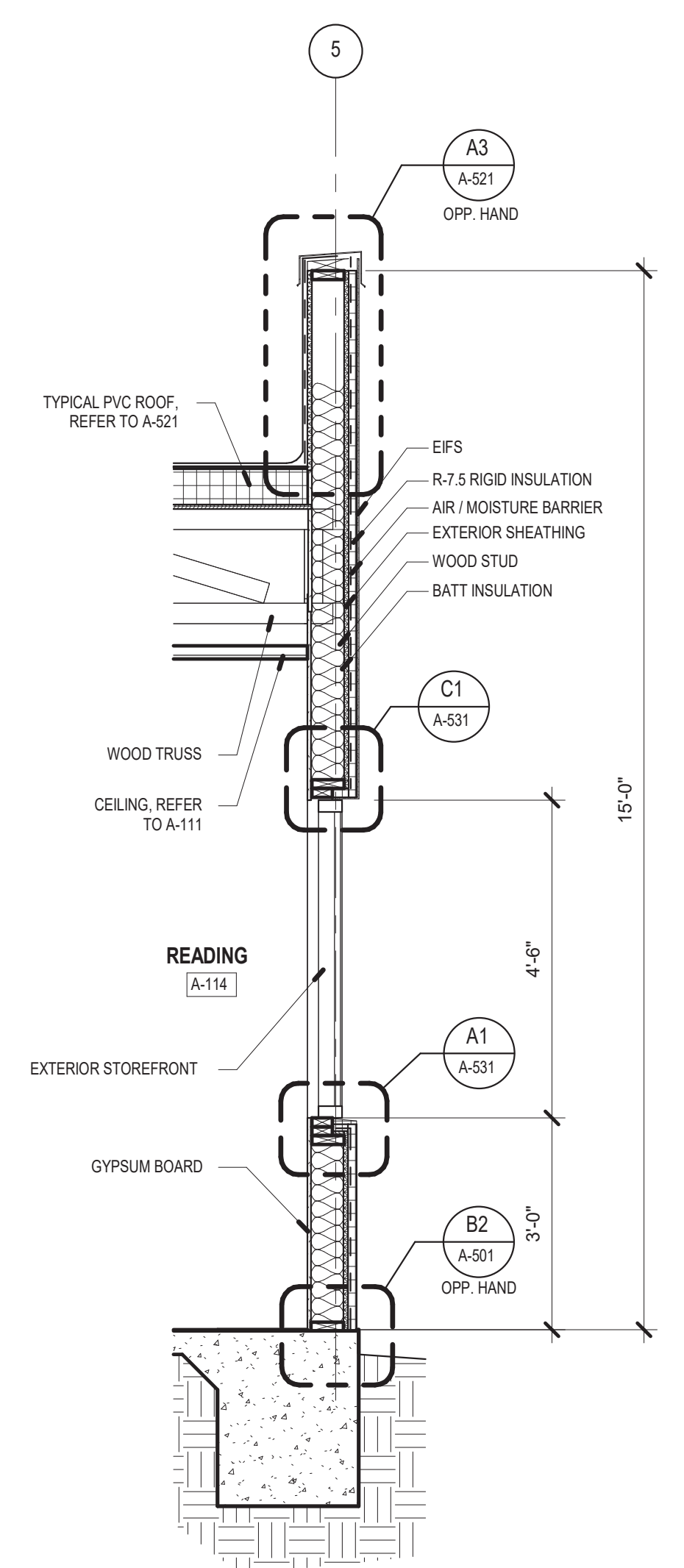
155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

| No | Date | Description |
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| PROJECT NUMBER: 2303 | | |
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| DATE: SEPT. 20, 2023 | | |

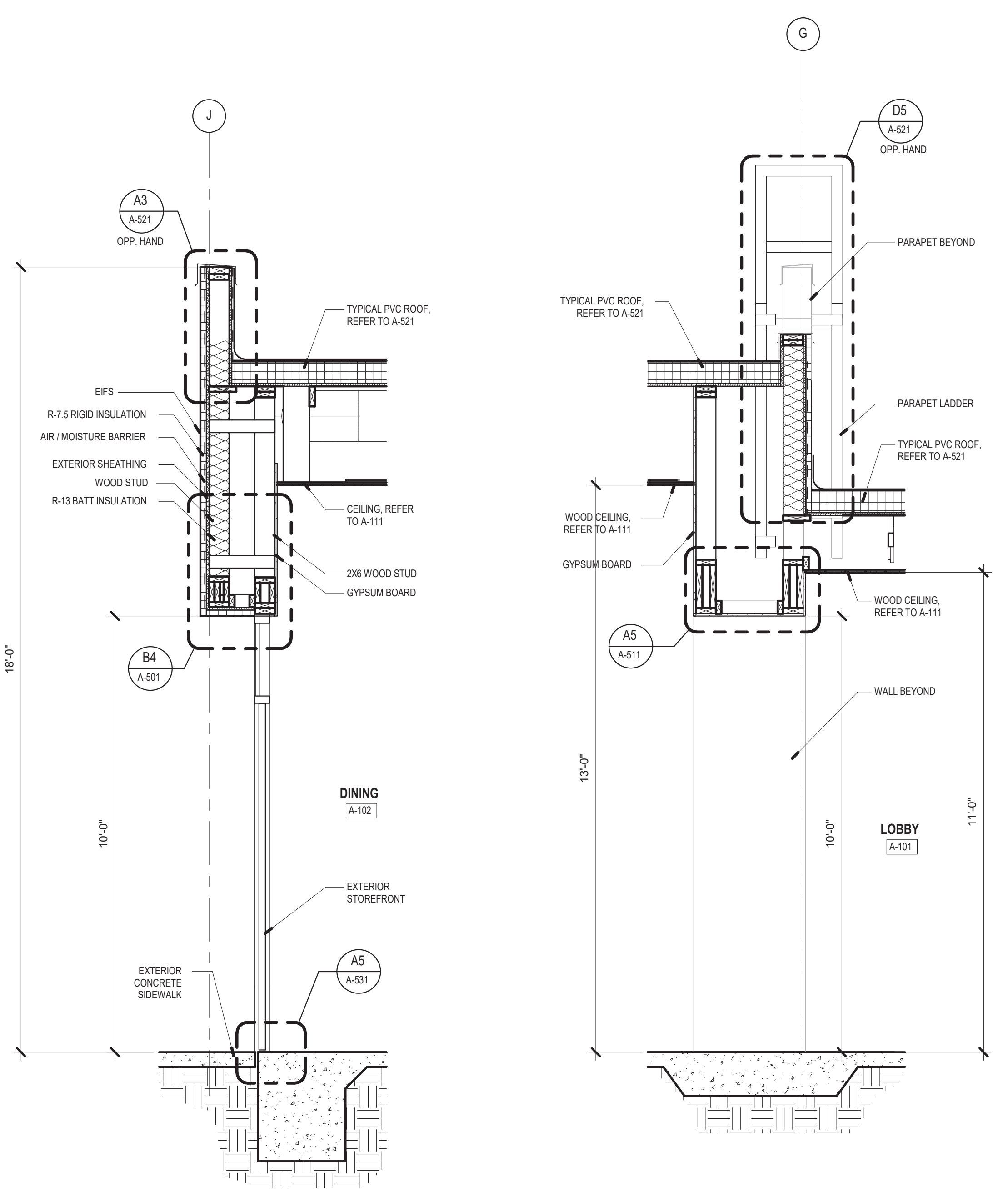
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WALL SECTIONS



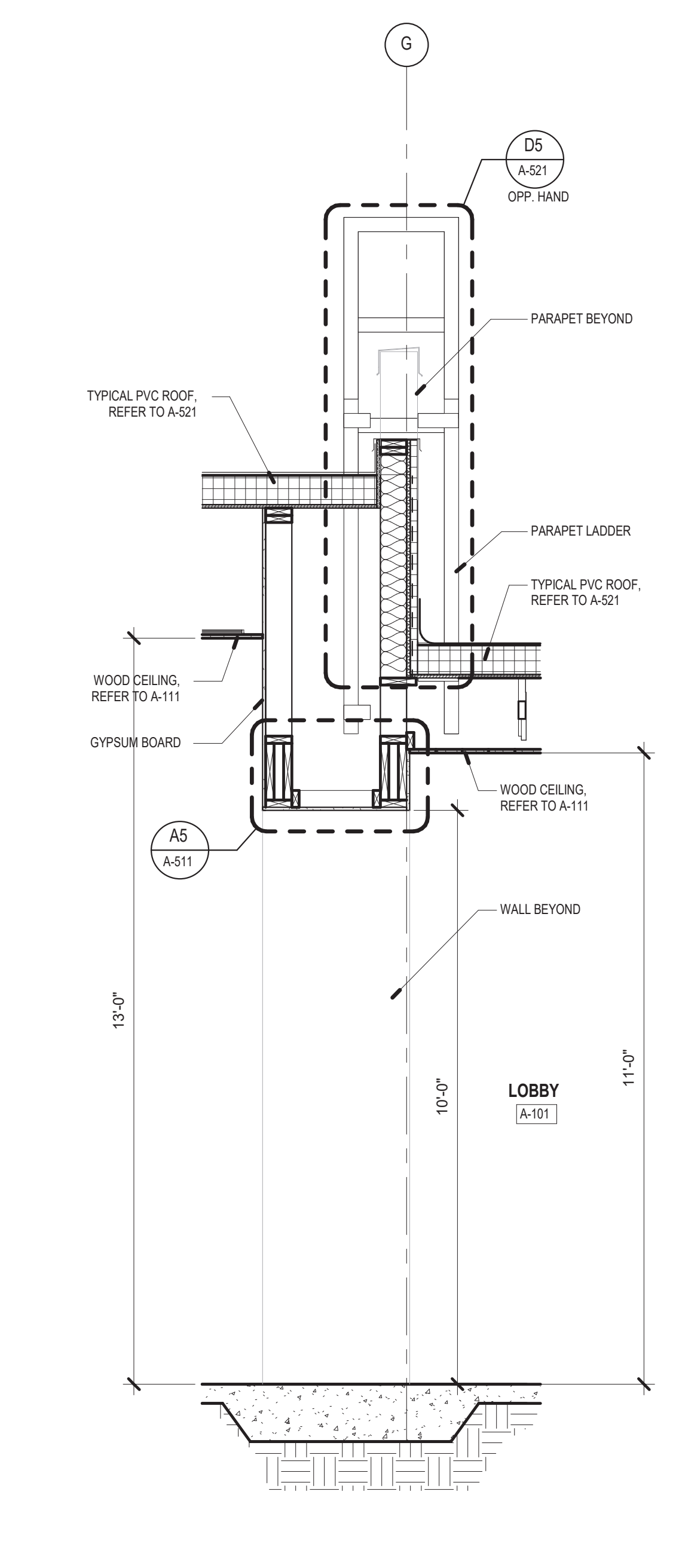
C4 WALL SECTION
1/2" = 1'-0"



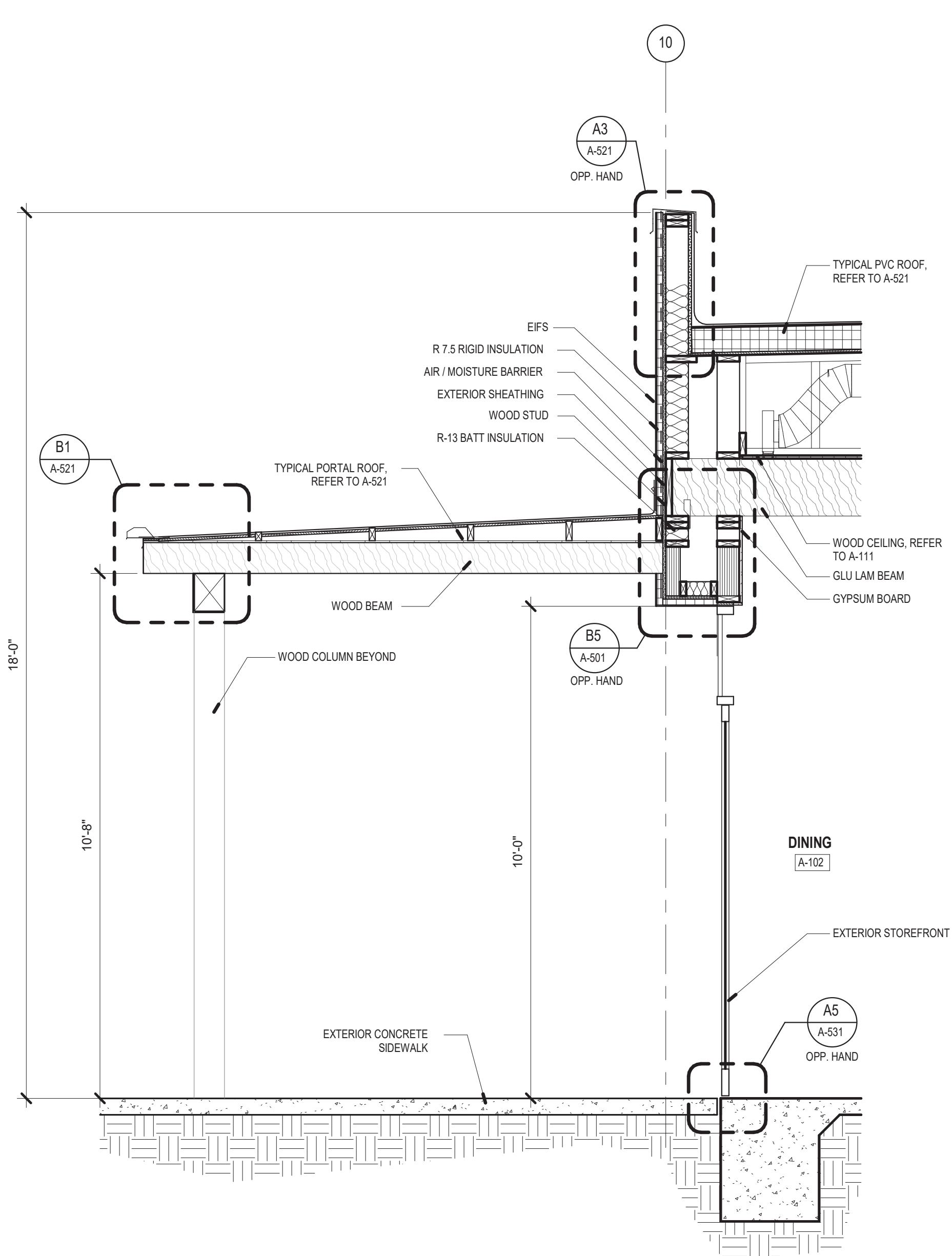
C6 WALL SECTION
1/2" = 1'-0"



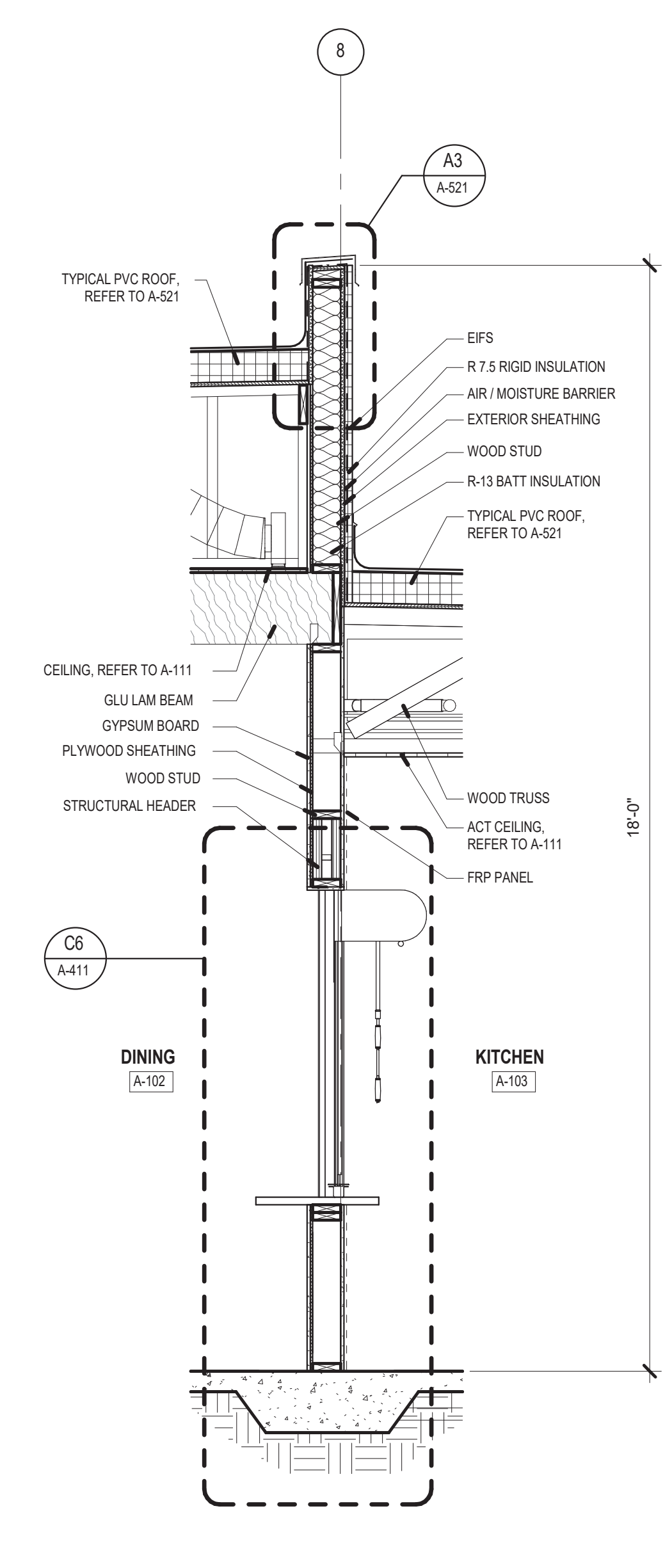
A1 WALL SECTION
1/2" = 1'-0"



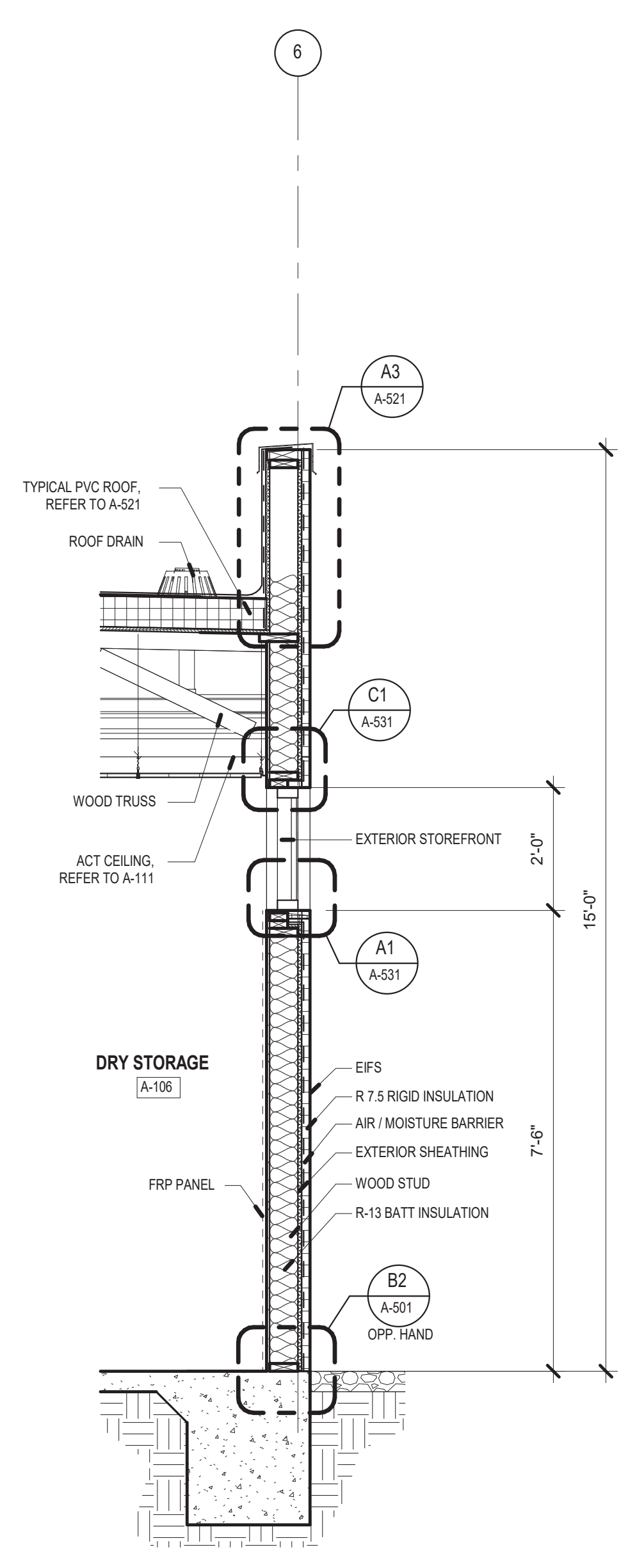
A2 WALL SECTION
1/2" = 1'-0"



A3 WALL SECTION
1/2" = 1'-0"



A5 WALL SECTION
1/2" = 1'-0"



A6 WALL SECTION
1/2" = 1'-0"

GENERAL NOTES

- A. COORDINATE WITH MECHANICAL, ELECTRICAL & PLUMBING.
- B. REFER TO OVERALL PLANS FOR INFORMATION NOT INDICATED IN ENLARGED PLANS.
- C. UNLESS NOTED OTHERWISE ALL DIMENSIONS ARE TO FACE OF STUD.
- D. TOILET PARTITION DIMENSIONS ARE FROM FACE OF FINISHED WALL TO FACE OF PARTITION.
- E. ALL INTERIOR FINISH MATERIALS TO COMPLY WITH FIRE RATINGS REQUIRED BY IBC TABLE 803.5.
- F. UNLESS NOTED OTHERWISE, PLUMBING LOCATION DIMENSIONS ARE TO CENTERLINE OF FIXTURE.
- G. UNLESS NOTED OTHERWISE, LOWER CASEWORK DEPTH IS 2'-0" AND UPPER CASEWORK DEPTH IS 1'-0".
- H. FIELD VERIFY ALL CRITICAL DIMENSIONS.
- I. REFER TO A-701 FOR MATERIAL SCHEDULE.

CONSULTANTS

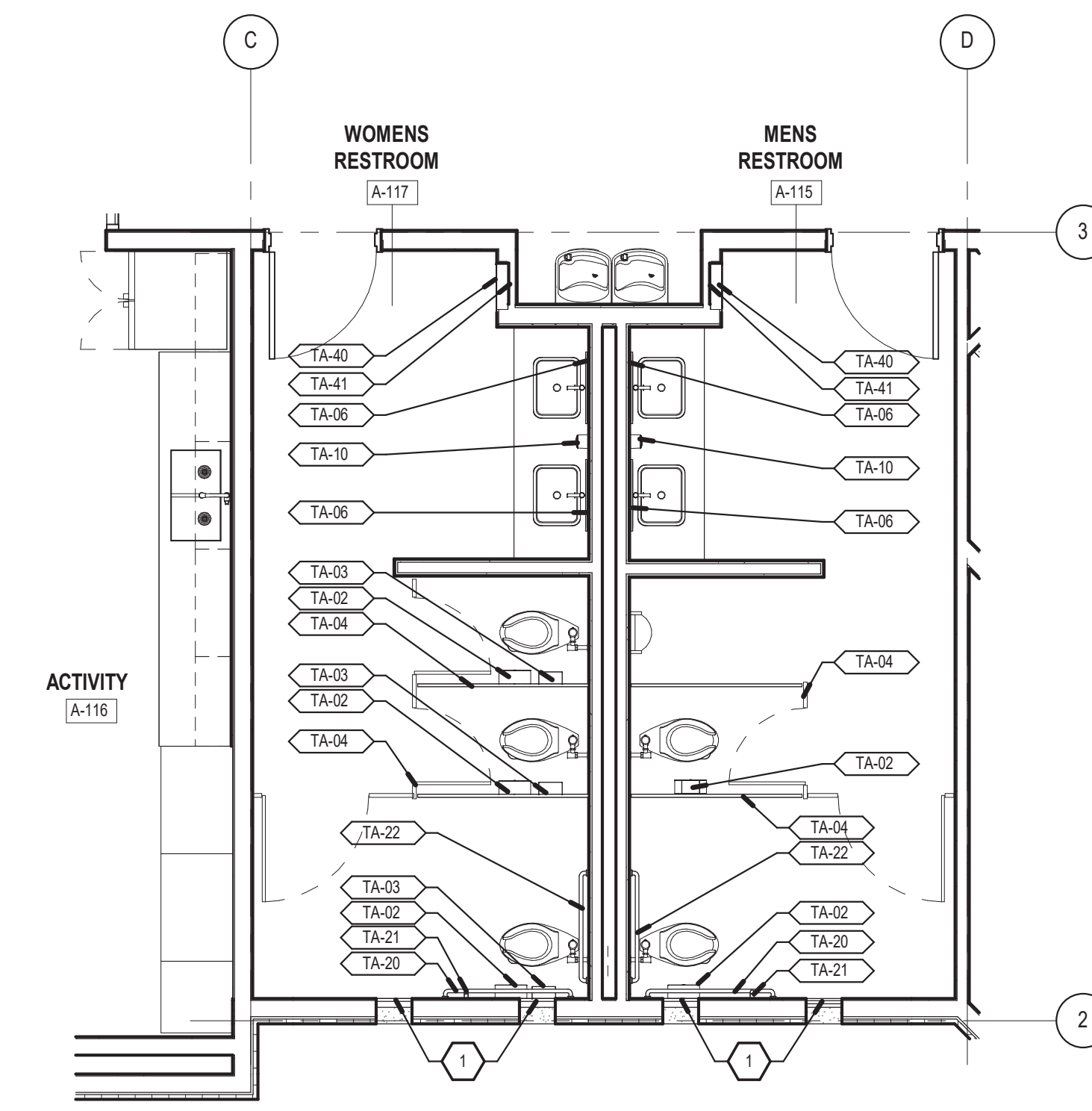
KEYED NOTES

- 1. SLOT WINDOWS.
- 2. LIGHT FIXTURE, SEE ELECTRICAL.

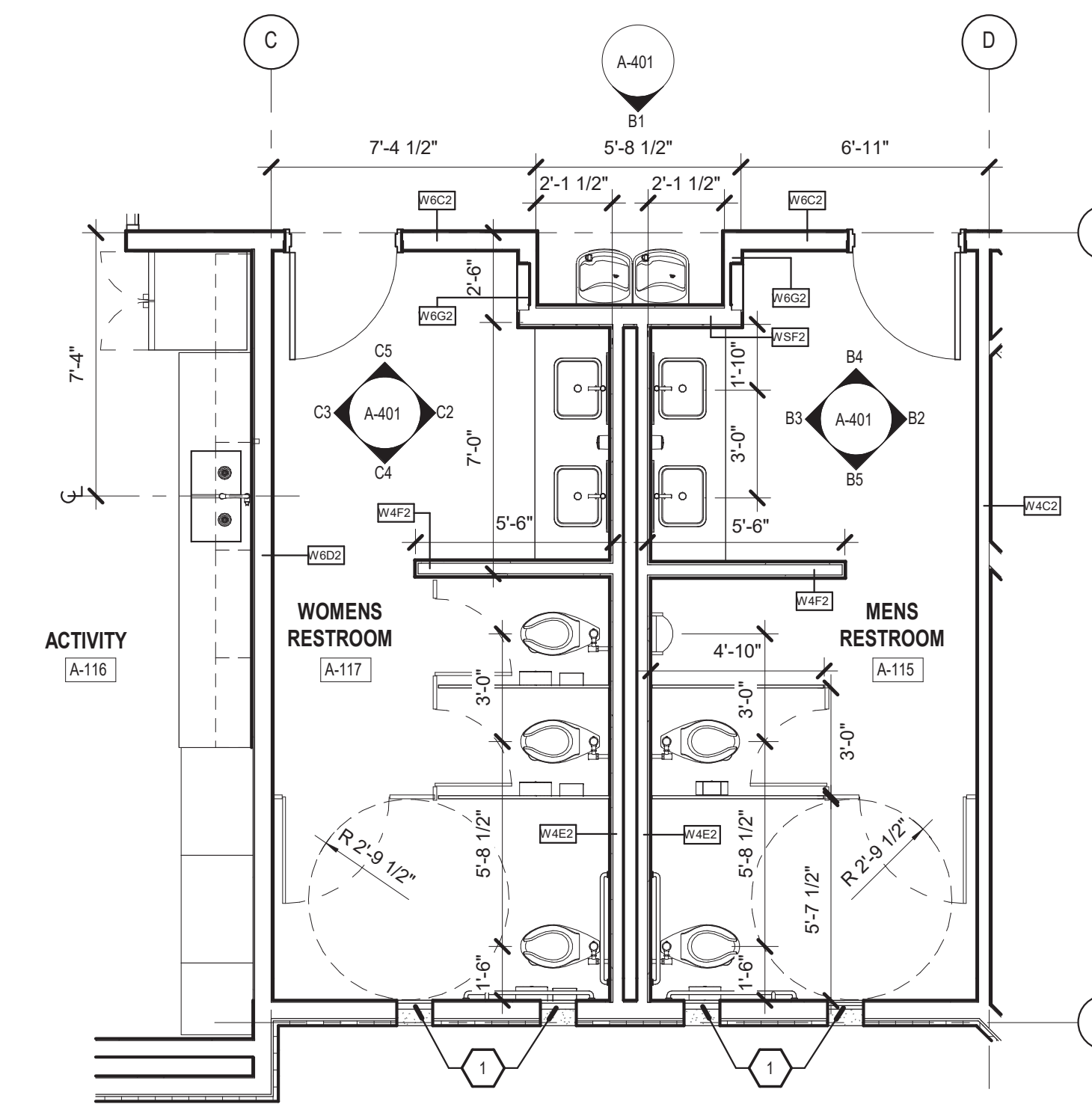
LEGEND - MATERIALS

- PT-1 PAINT - FIELD COLOR 09 9123
- WT-1 WALL TILE 09 3013
- BT-1 BASE TILE 09 3013
- RB-1 RUBBER BASE 09 6513

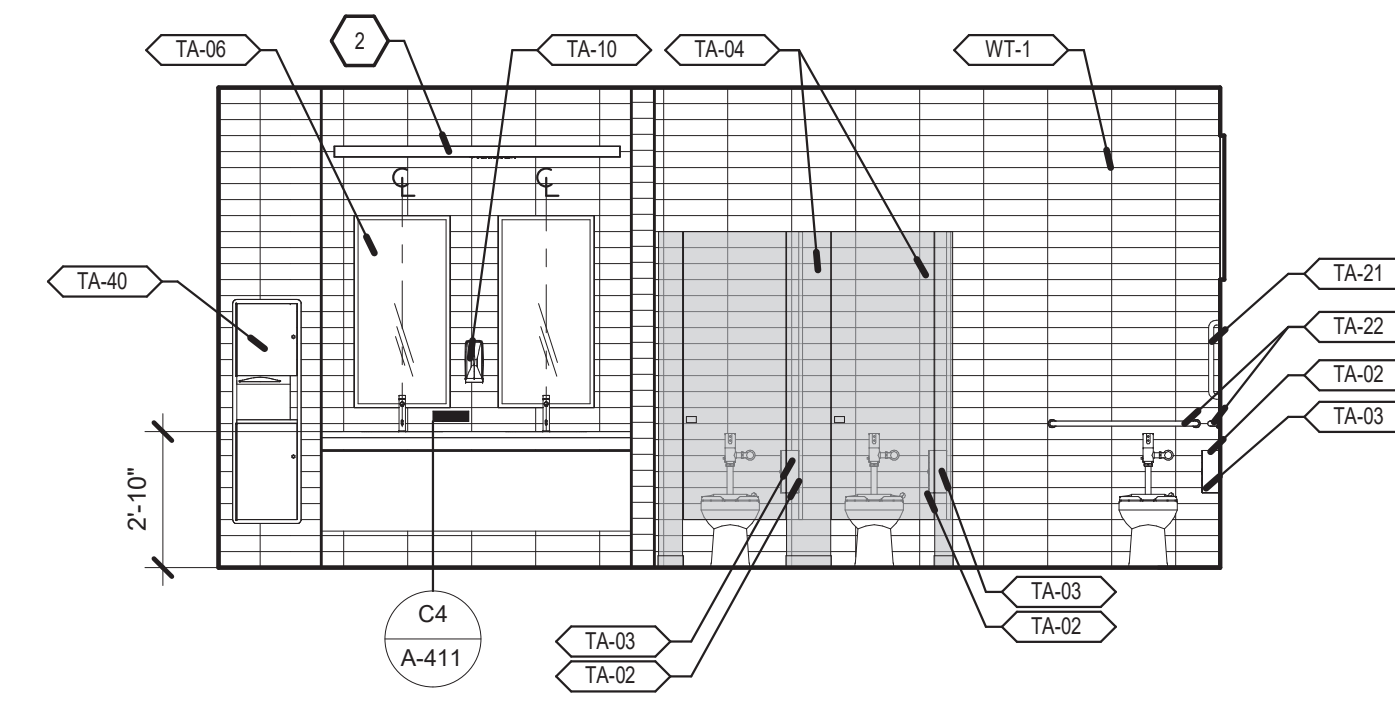
REFER TO A-701 FOR MATERIAL LEGEND



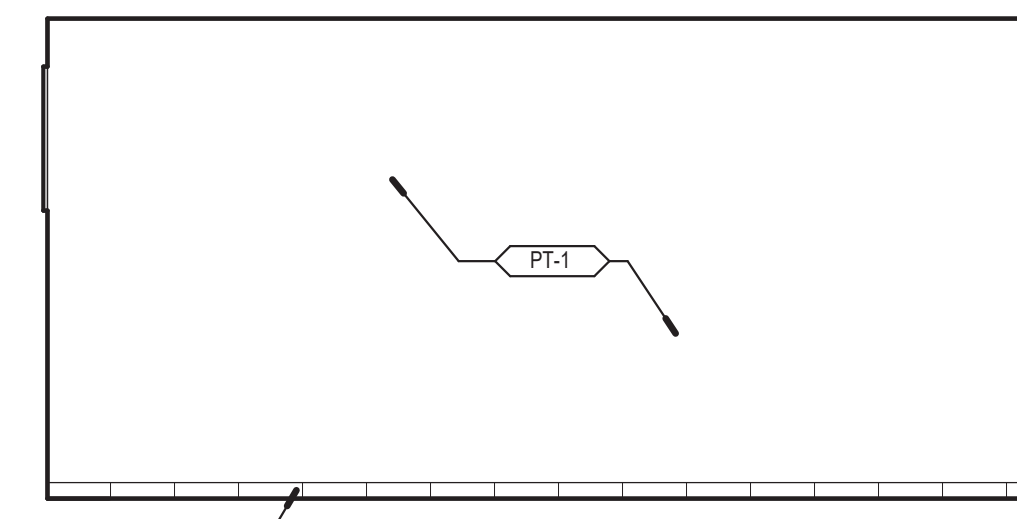
D3 ENLARGED ANNOTATION RR PLAN
1/4" = 1'-0"



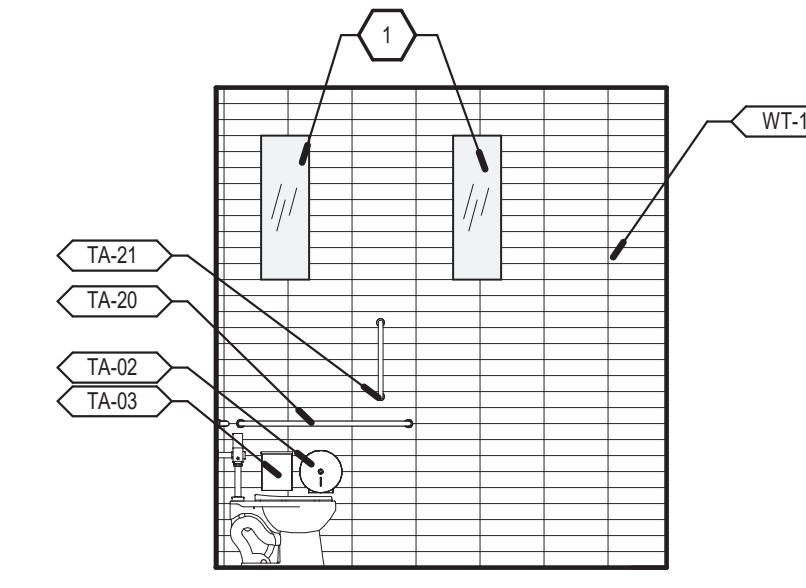
D4 ENLARGED DIMENSION RR PLAN
1/4" = 1'-0"



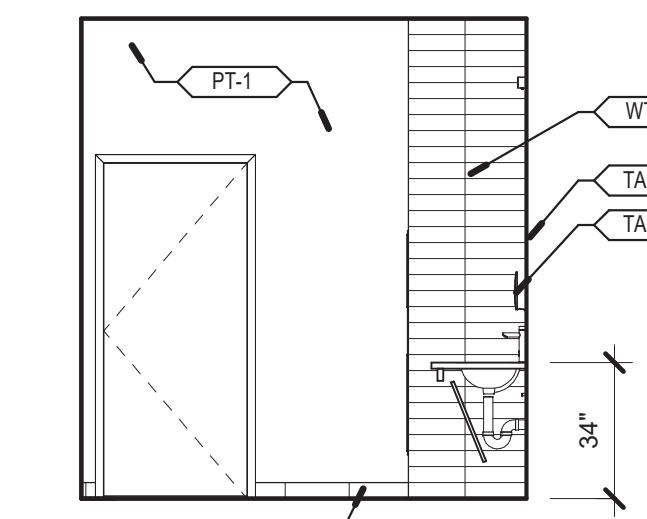
C2 WOMENS RR - NORTH
1/4" = 1'-0"



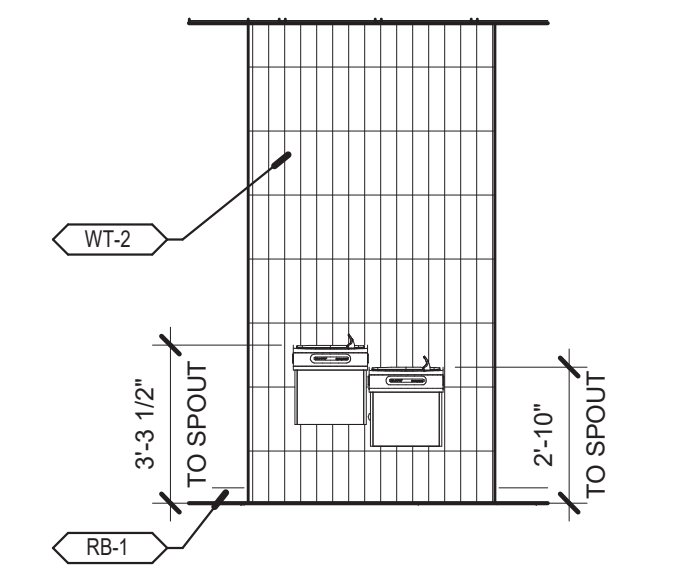
C3 WOMENS RR - SOUTH
1/4" = 1'-0"



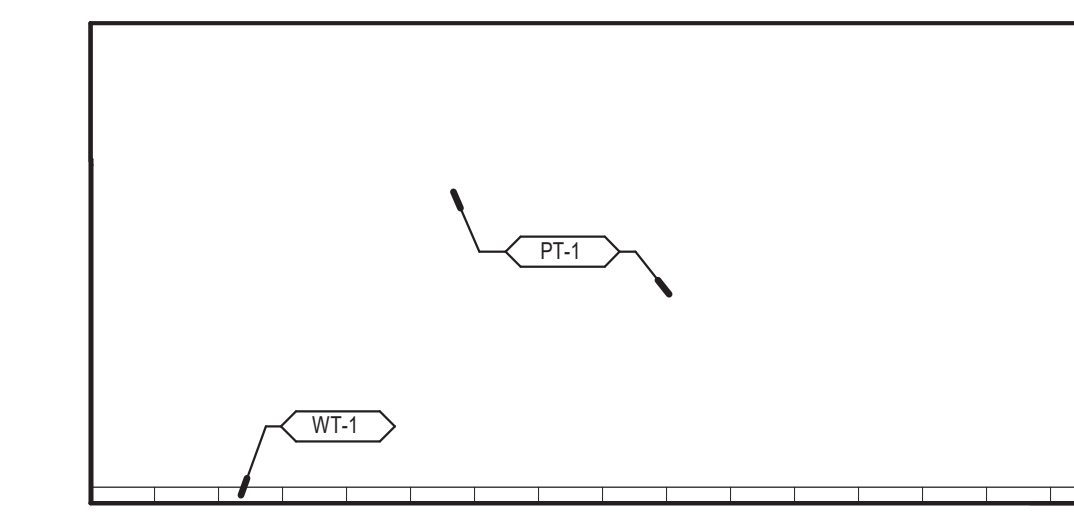
C4 WOMENS RR - EAST
1/4" = 1'-0"



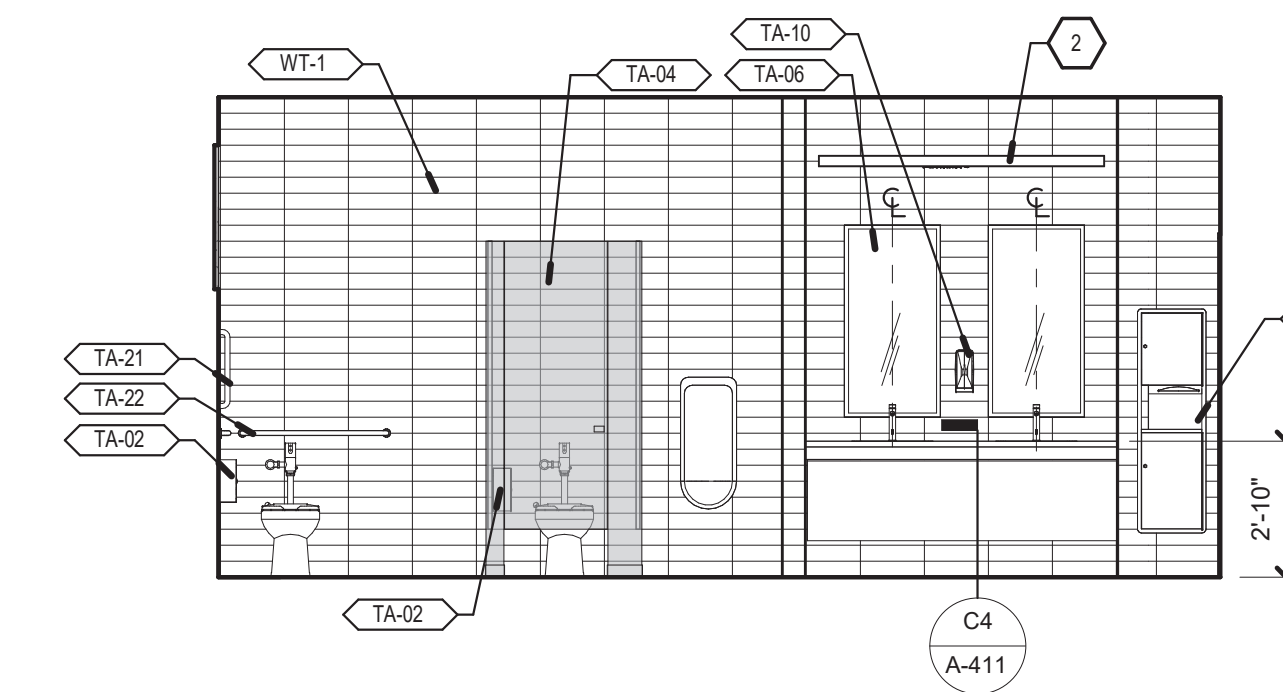
C5 WOMENS RR - WEST
1/4" = 1'-0"



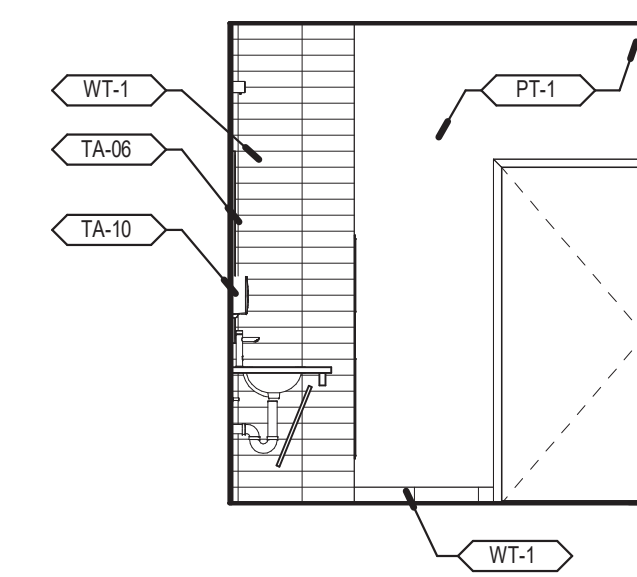
B1 DRINKING FOUNTAIN
1/4" = 1'-0"



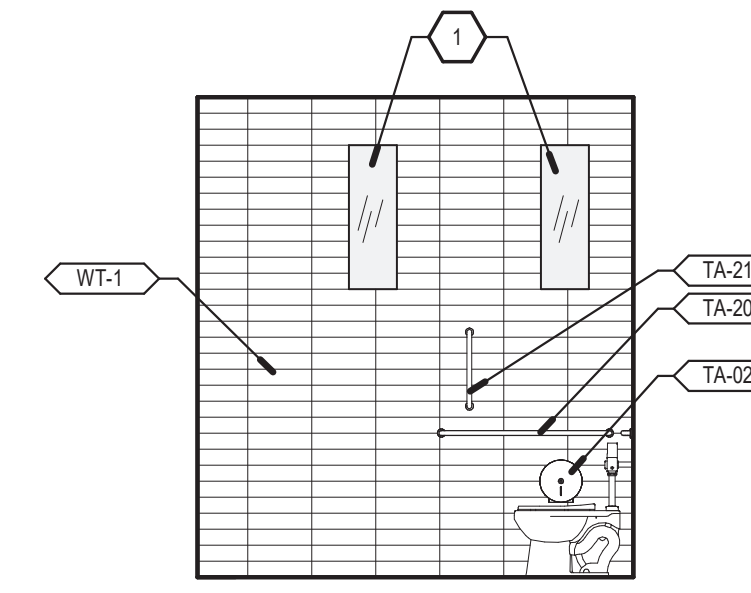
B2 MENS RR - NORTH
1/4" = 1'-0"



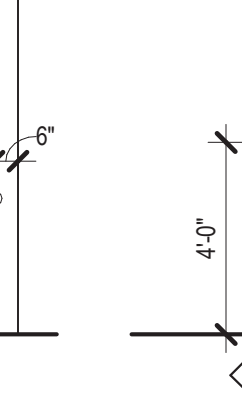
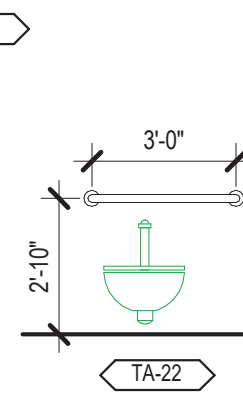
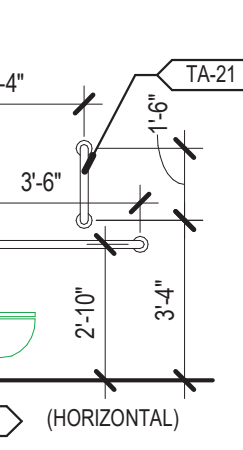
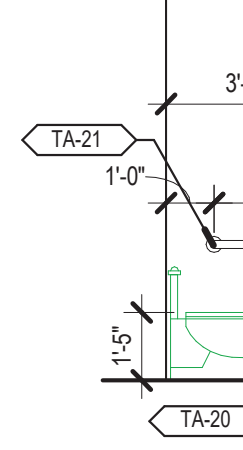
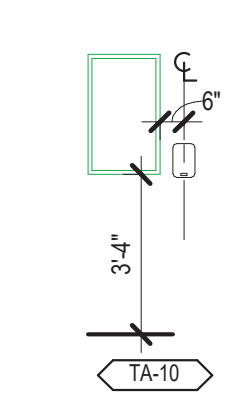
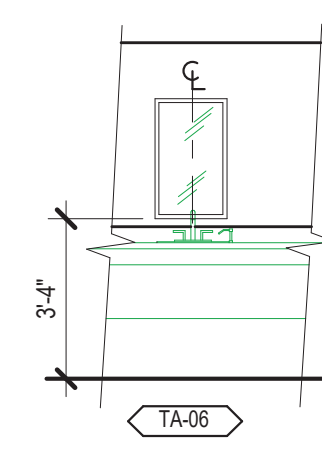
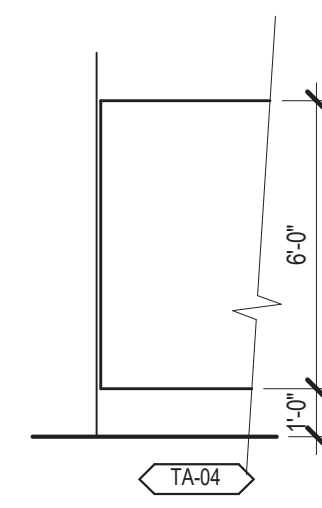
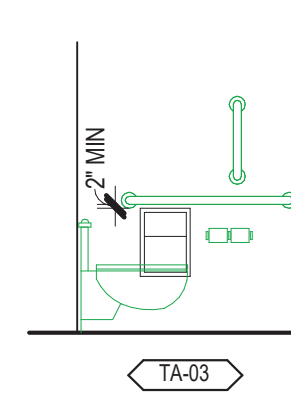
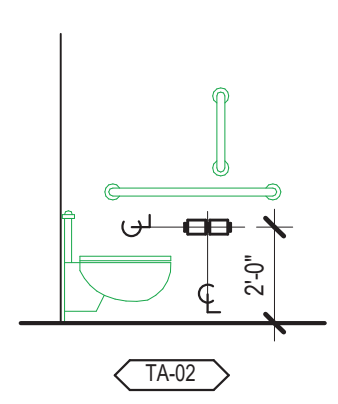
B3 MENS RR - SOUTH
1/4" = 1'-0"



B4 MENS RR - WEST
1/4" = 1'-0"



B5 MENS RR - EAST
1/4" = 1'-0"



A1 TOILET ACCESSORY MOUNTING HEIGHTS
1/4" = 1'-0"

Architect

Engineer



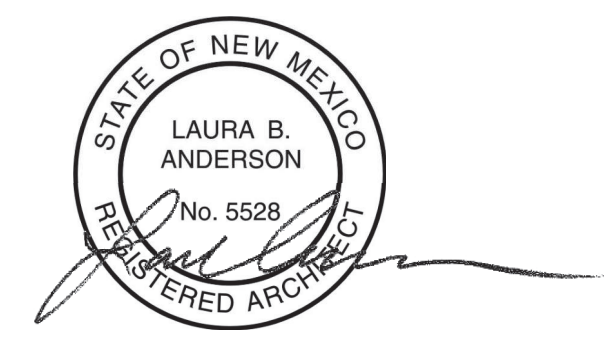
2023.09.21 16:08:21-06/07

**SANTA FE COUNTY -
ABEDON LOPEZ SENIOR
CENTER**

155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

| No | Date | Description |
|---|--------------------------------|-------------|
| Revision Schedule | | |
| ISSUE: 100% CONSTRUCTION DOCUMENTS | | |
| PROJECT NUMBER: | 2303 | |
| FILE: | SFC Abedon Lopez Senior Center | |
| DRAWN BY: | PS | |
| CHECKED BY: | LA | |
| DATE: | SEPT. 20, 2023 | |

SHEET TITLE
**ENLARGED PLANS AND
INTERIOR ELEVATIONS**



2023.09.21 16:08:21-06/07

**SANTA FE COUNTY -
ABEDON LOPEZ SENIOR
CENTER**

155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

GENERAL NOTES

- A. COORDINATE WITH MECHANICAL, ELECTRICAL & PLUMBING.
- B. REFER TO OVERALL PLANS FOR INFORMATION NOT INDICATED IN ENLARGED PLANS OR INTERIOR ELEVATIONS.
- C. UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO FACE OF STUD.
- D. ALL INTERIOR FINISH MATERIALS TO COMPLY WITH FIRE RATINGS REQUIRED BY IBC TABLE 803.5.
- E. UNLESS NOTED OTHERWISE, PLUMBING LOCATION DIMENSIONS ARE TO CENTERLINE OF FIXTURE.
- F. UNLESS NOTED OTHERWISE, LOWER CASEWORK DEPTH IS 2'-0" AND UPPER CASEWORK DEPTH IS 1'-0".
- G. REFER TO FINISH SHEETS FOR MATERIAL SCHEDULE.
- H. FIELD VERIFY ALL CRITICAL DIMENSIONS.

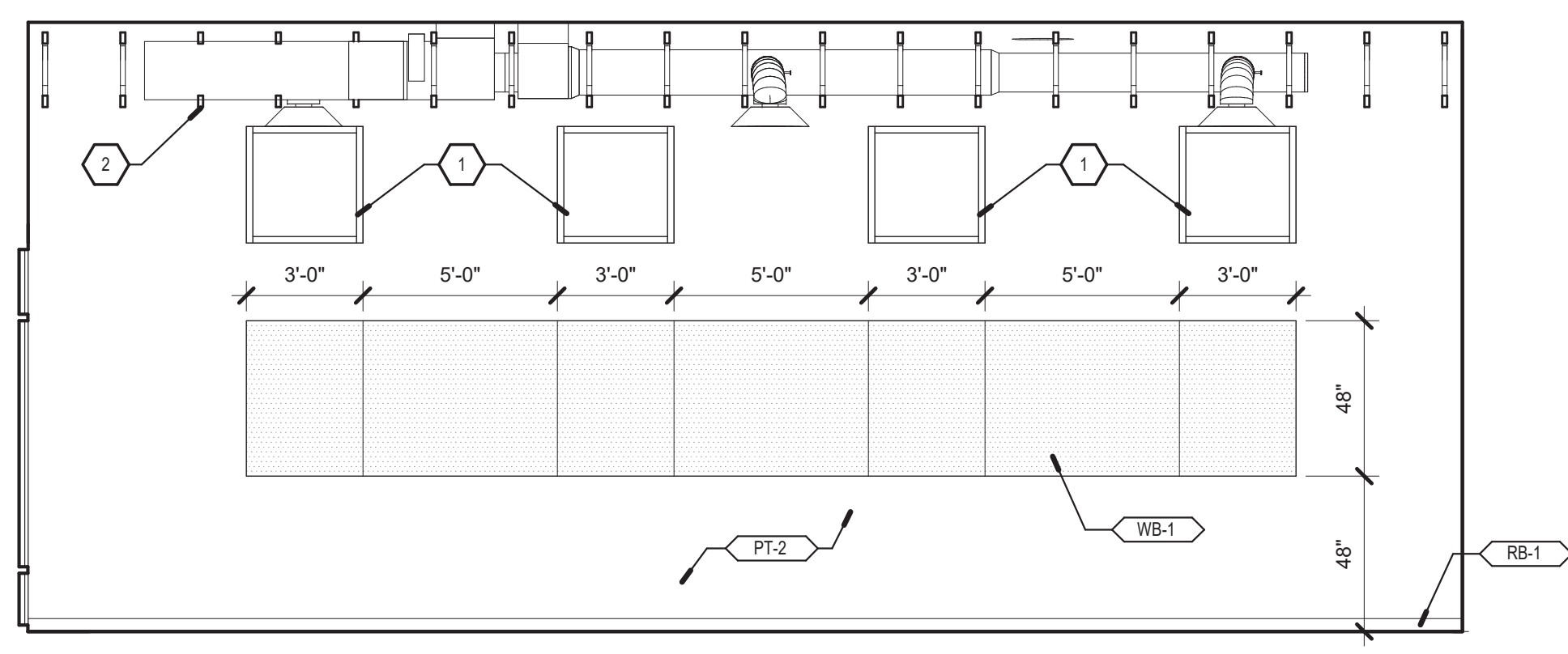
KEYED NOTES

- 1 CLERESTORY WINDOWS, REFER TO GLAZING ELEVATIONS.
- 2 WOOD TRUSS, SEE STRUCTURAL.
- 4 NEW KILN, OWNER PROVIDED.
- 5 KITCHEN SERVING COUNTER WITH SECURITY COILING DOOR.
- 6 EXPOSED GLU-LAM BEAMS, SEE STRUCTURAL.
- 7 KITCHEN EQUIPMENT, SEE KITCHEN CONSULTANT.
- 8 BANCO SEATING WITH WOOD CAP.
- 9 OWNER PROVIDED SCANNED MURAL CANVAS, PROVIDE BACKING AT MOUNTING HEIGHTS, COORDINATE IN THE FIELD.
- 10 BUILT-IN STORAGE WITH ADJUSTABLE SHELVING, NICHE SIZE VARIES PER ART EQUIPMENT SUPPLIES.
- 11 OPEN FLOATING SHELVES.
- 12 COUNTER SUPPORT BRACKET @32" O.C.
- 13 BUILT-IN BOOKCASE WITH ADJUSTABLE SHELVING.

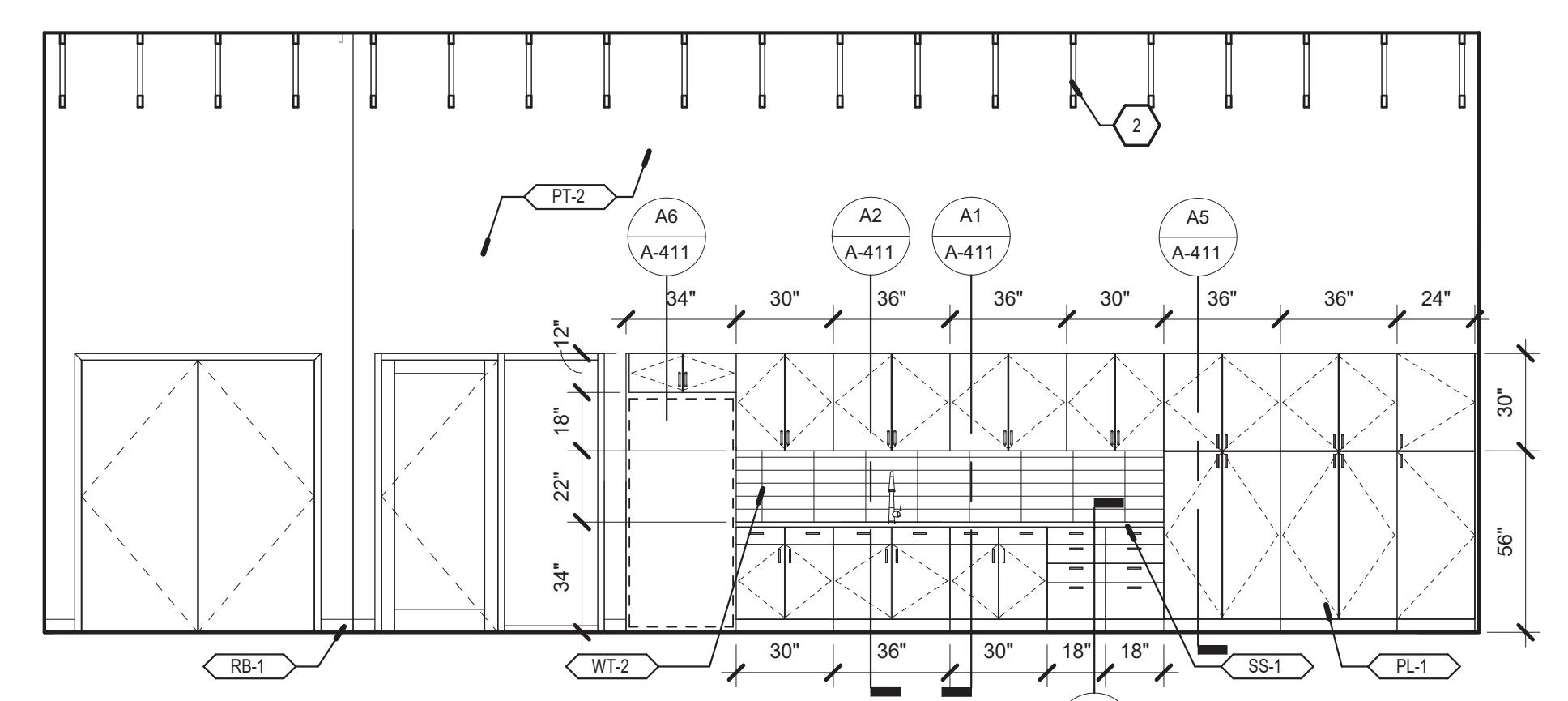
LEGEND - MATERIALS

- RB-1 RUBBER BASE
09 8513
- PL-1 PLASTIC LAMINATE
06 4116
- WT-2 WALL TILE
09 3013
- PT-1 PAINT - FIELD COLOR
09 9123
- PT-2 PAINT - ACCENT COLOR 1
09 9123
- SS-1 SOLID SURFACE
12 3661.16
- WB-1 ACOUSTICAL WALL PANEL
09 8483

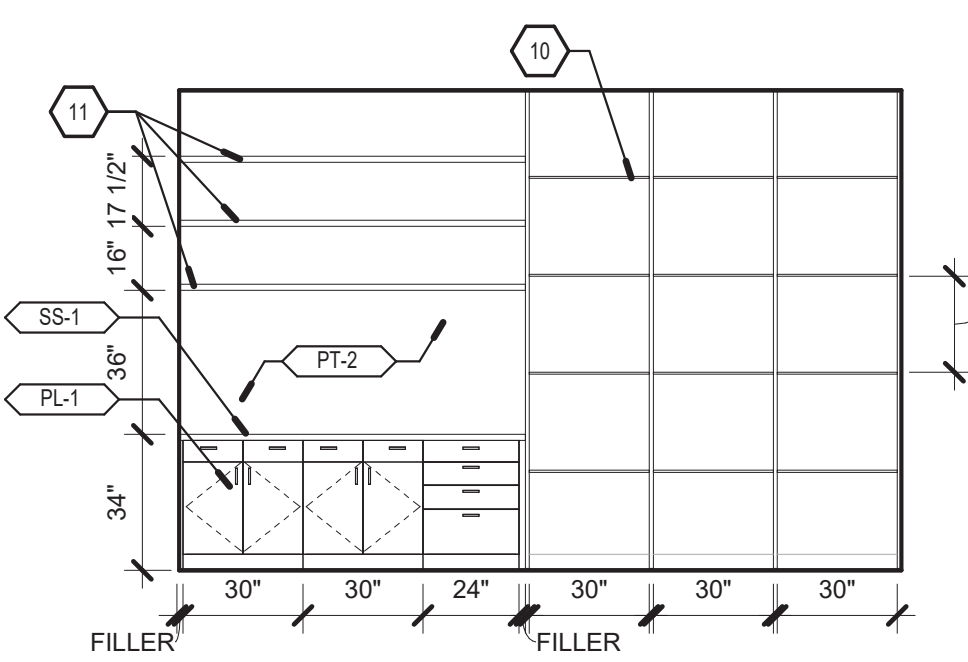
REFER TO A-701 FOR MATERIAL LEGEND.



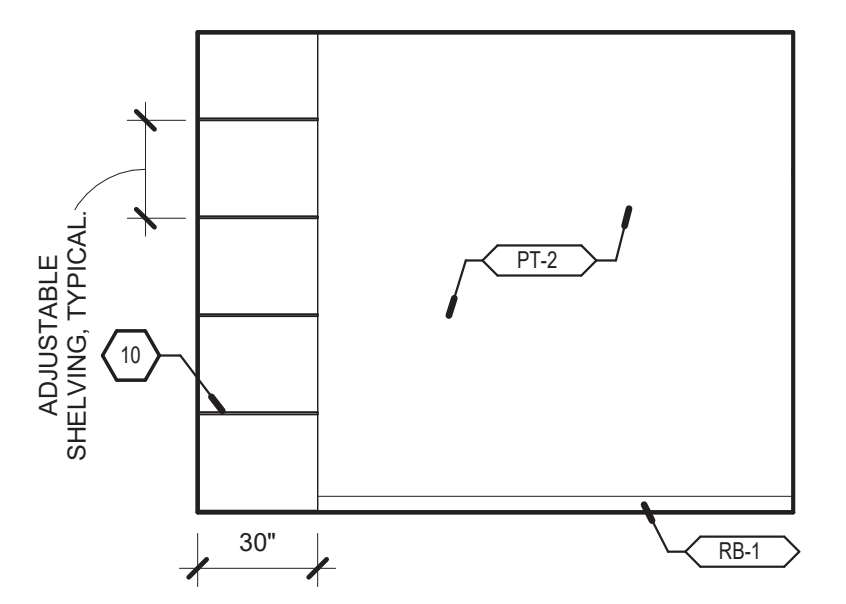
D1 ACTIVITY - DISPLAY WALL
1/4" = 1'-0"



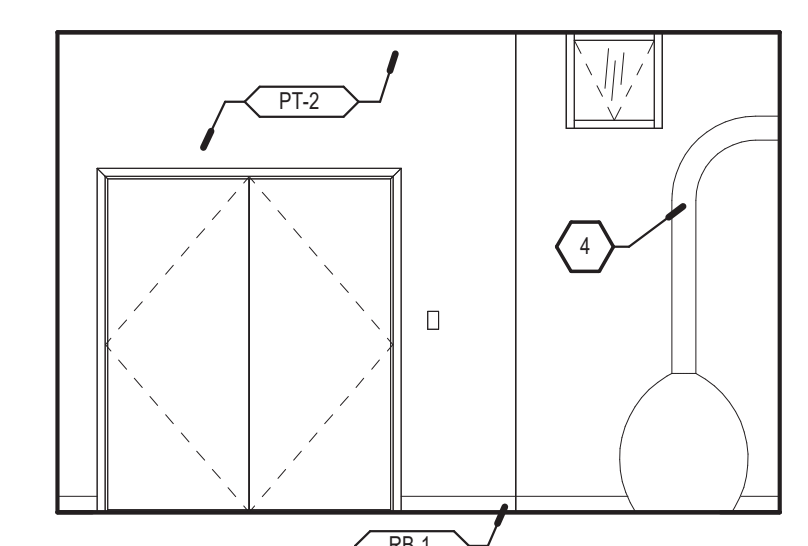
D3 ACTIVITY - KITCHENETTE
1/4" = 1'-0"



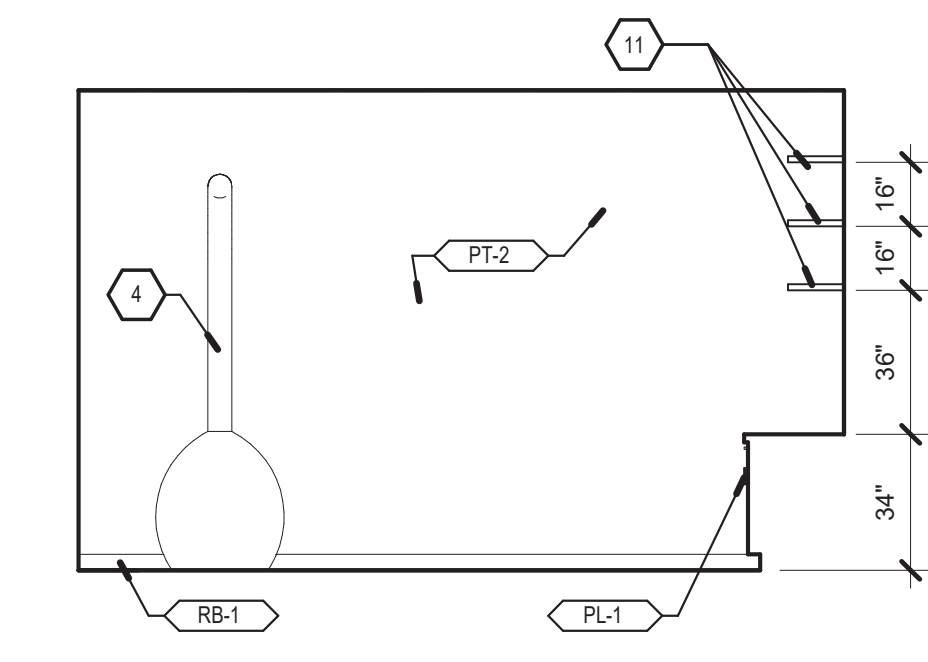
C1 STORAGE - NORTH
1/4" = 1'-0"



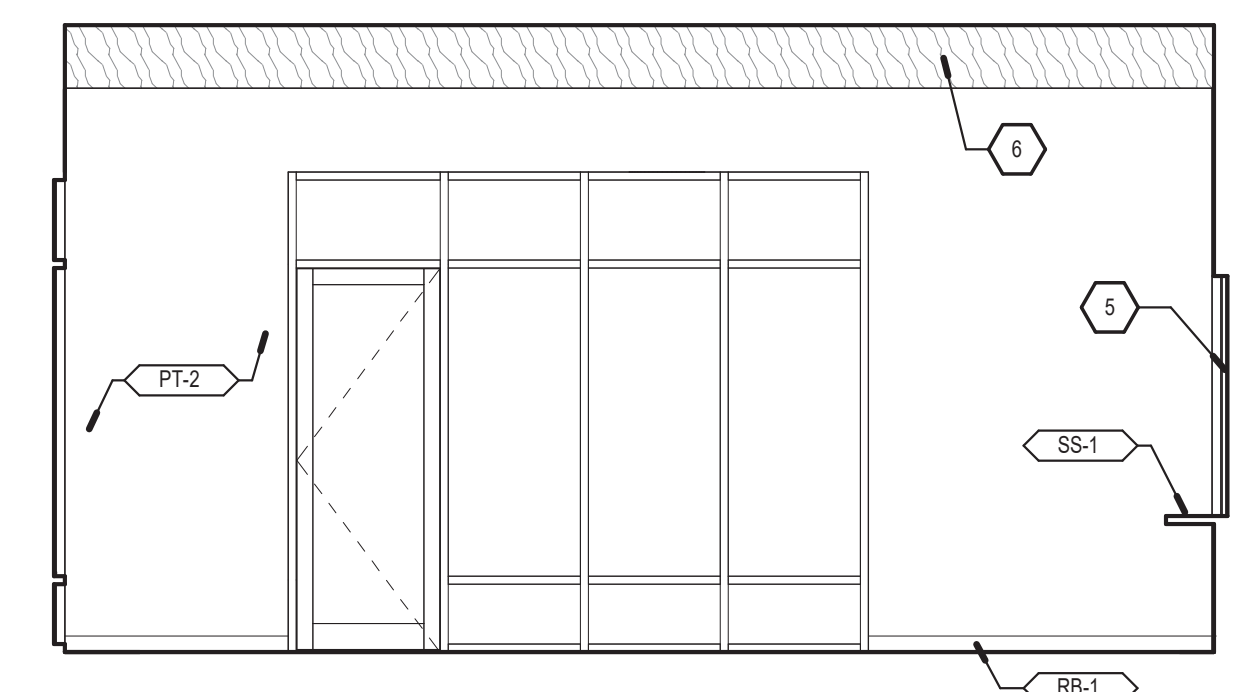
C2 STORAGE - EAST
1/4" = 1'-0"



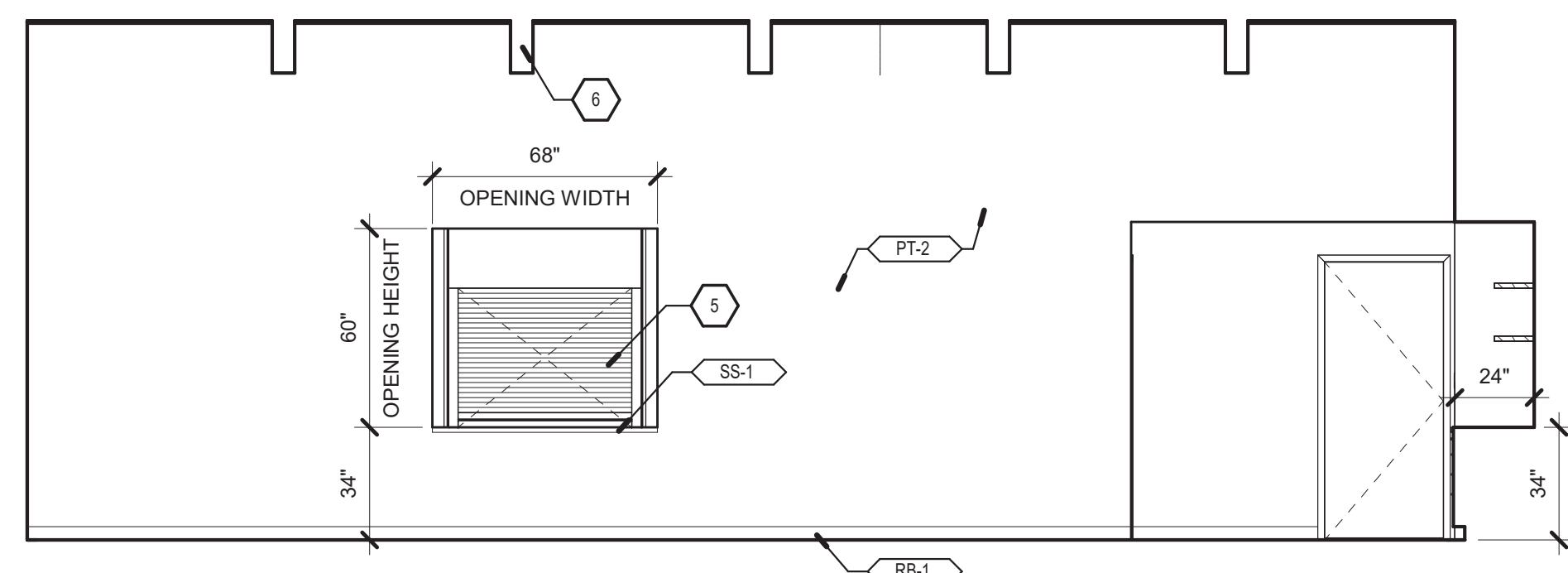
C3 STORAGE - SOUTH
1/4" = 1'-0"



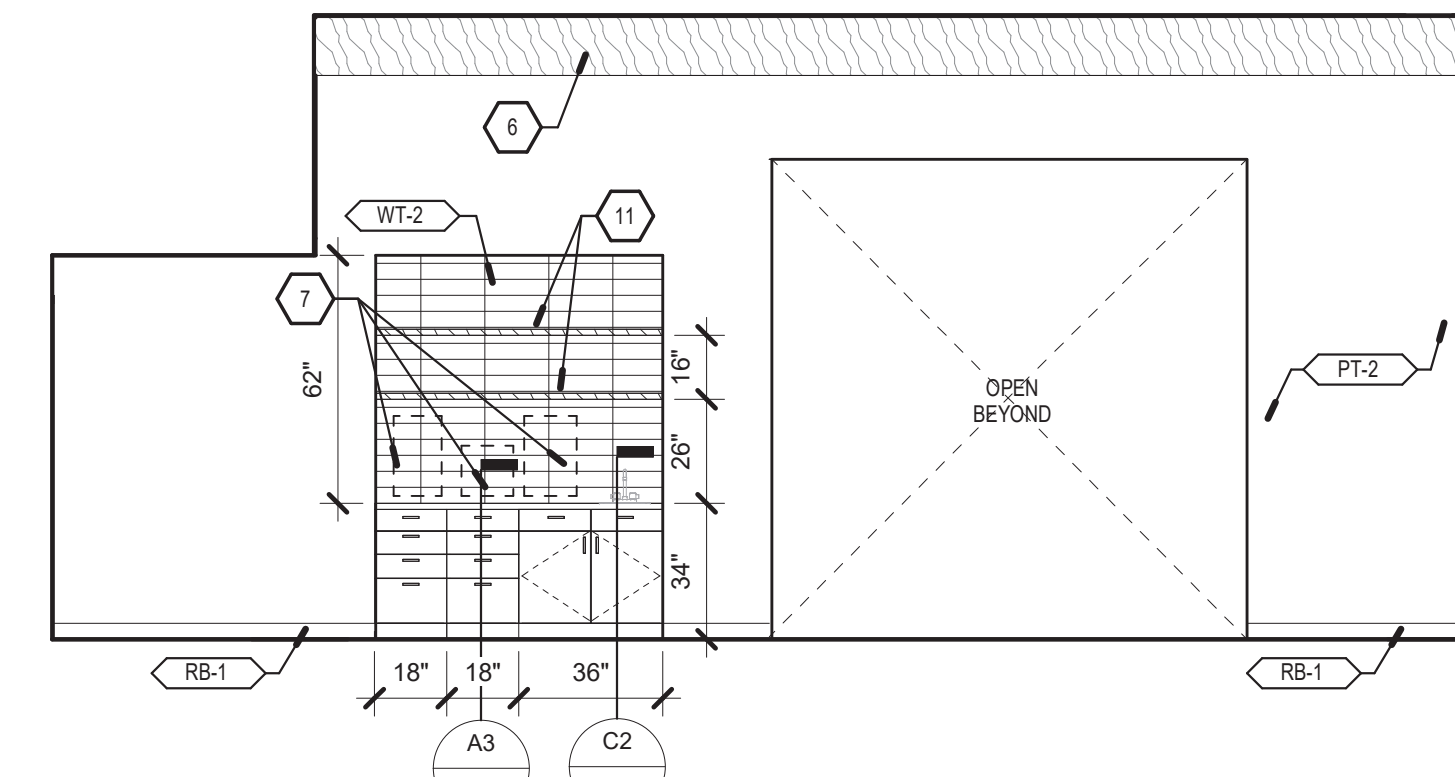
C4 STORAGE - WEST
1/4" = 1'-0"



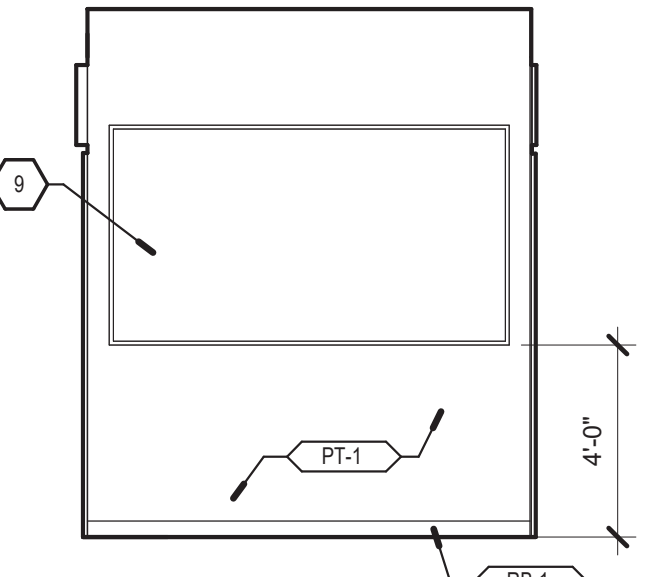
B1 DINING NORTH ELEVATION
1/4" = 1'-0"



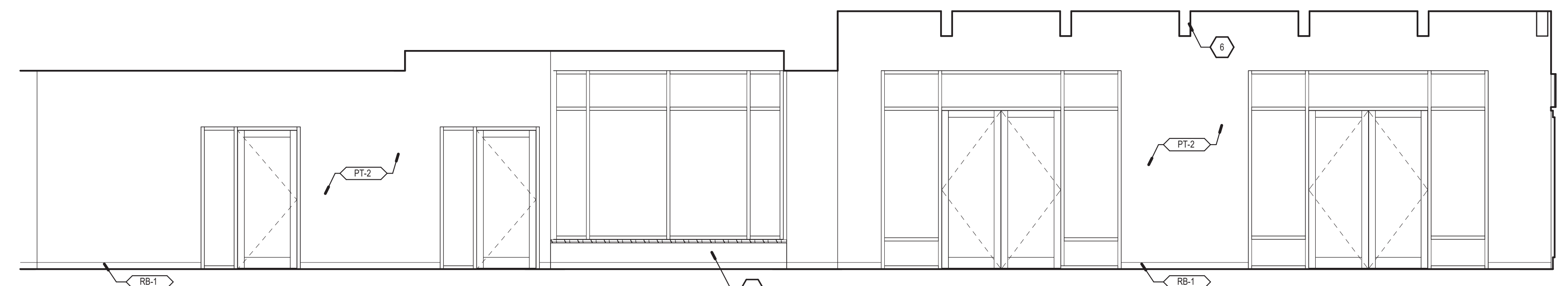
B2 DINING EAST ELEVATION
1/4" = 1'-0"



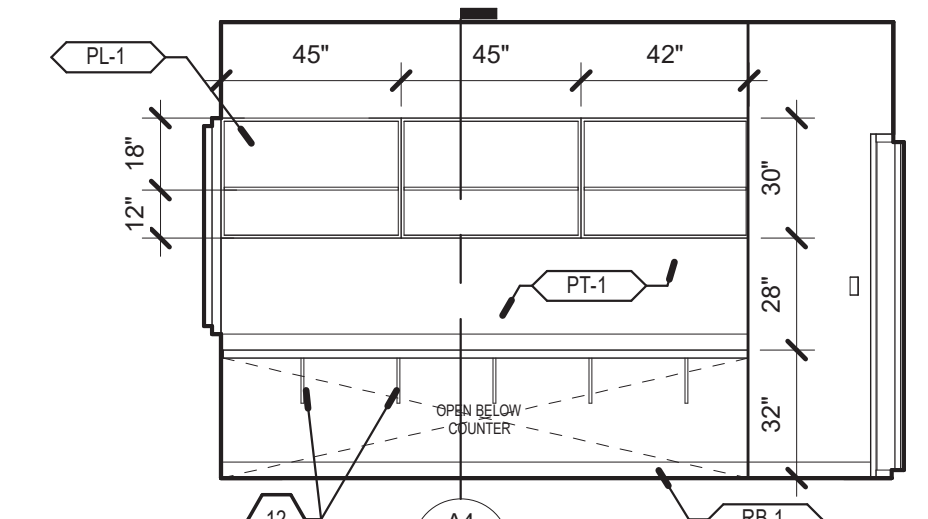
B4 DINING SOUTH ELEVATION
1/4" = 1'-0"



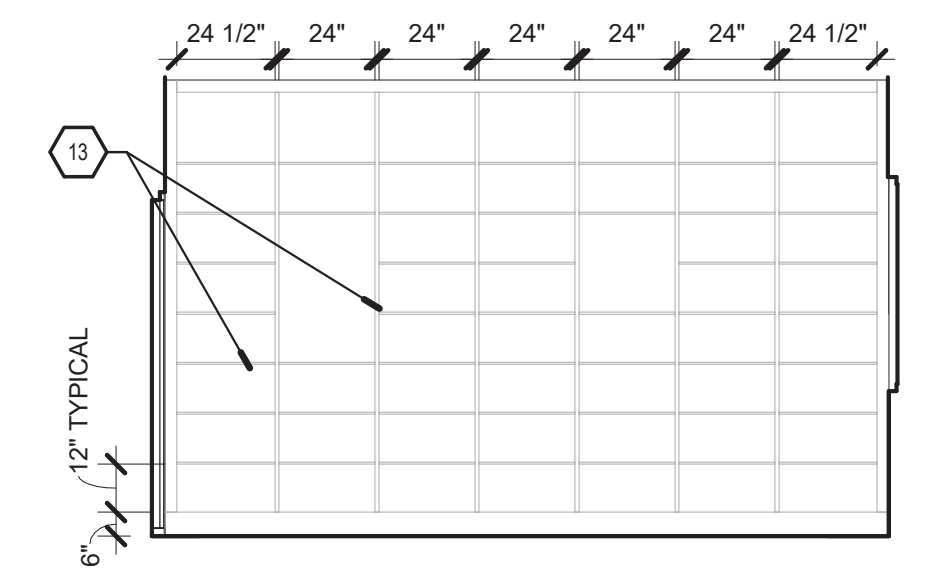
B6 VESTIBULE - MURAL WALL
1/4" = 1'-0"



A1 DINING WEST ELEVATION
1/4" = 1'-0"



A5 READING - WORKSTATION
1/4" = 1'-0"



A6 READING ROOM - BOOKCASE
1/4" = 1'-0"

| No | Date | Description |
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| CHECKED BY: LA | | |
| DATE: SEPT. 20, 2023 | | |

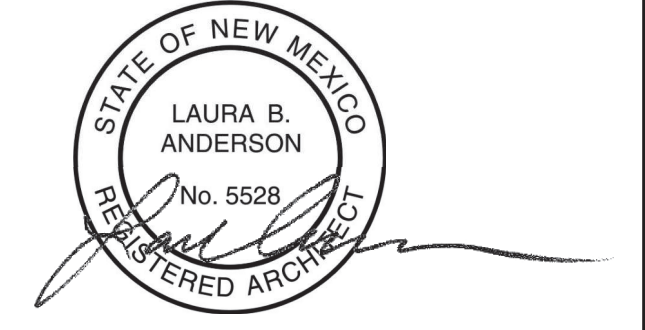
SHEET TITLE
INTERIOR ELEVATIONS

GENERAL NOTES

- A. COORDINATE WITH MECHANICAL, ELECTRICAL & PLUMBING.
- B. REFER TO OVERALL PLANS FOR INFORMATION NOT INDICATED IN ENLARGED PLANS OR INTERIOR ELEVATIONS.
- C. UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO FACE OF STUD.
- D. ALL INTERIOR FINISH MATERIALS TO COMPLY WITH FIRE RATINGS REQUIRED BY IBC TABLE 803.5.
- E. UNLESS NOTED OTHERWISE, PLUMBING LOCATION DIMENSIONS ARE TO CENTERLINE OF FIXTURE.
- F. UNLESS NOTED OTHERWISE, LOWER CASEWORK DEPTH IS 2'-0" AND UPPER CASEWORK DEPTH IS 1'-0".
- G. REFER TO A-101 FOR MATERIAL SCHEDULE.
- H. FIELD VERIFY ALL CRITICAL DIMENSIONS.

CONSULTANTS

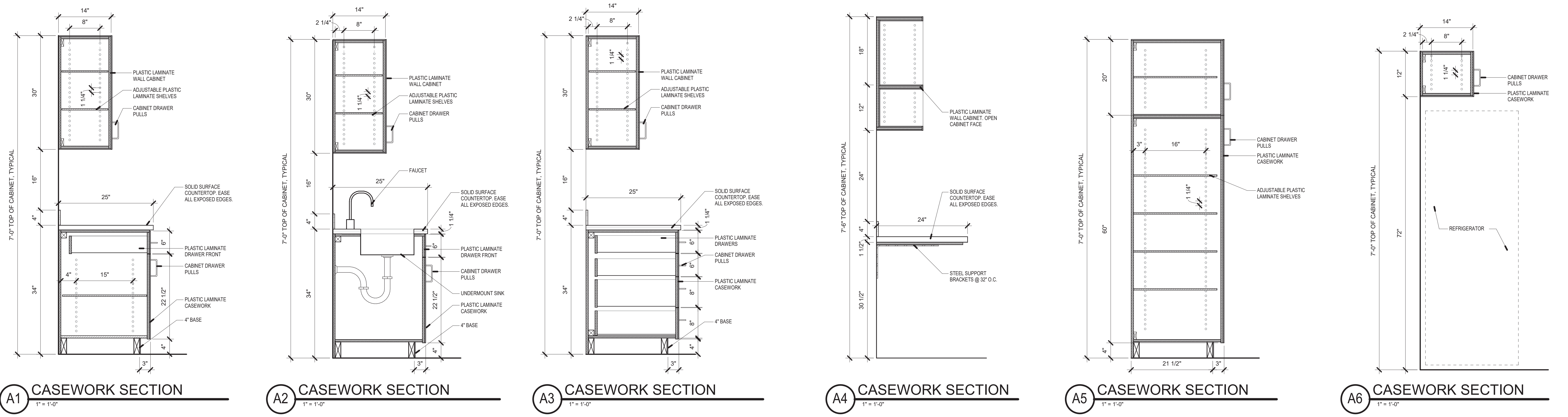
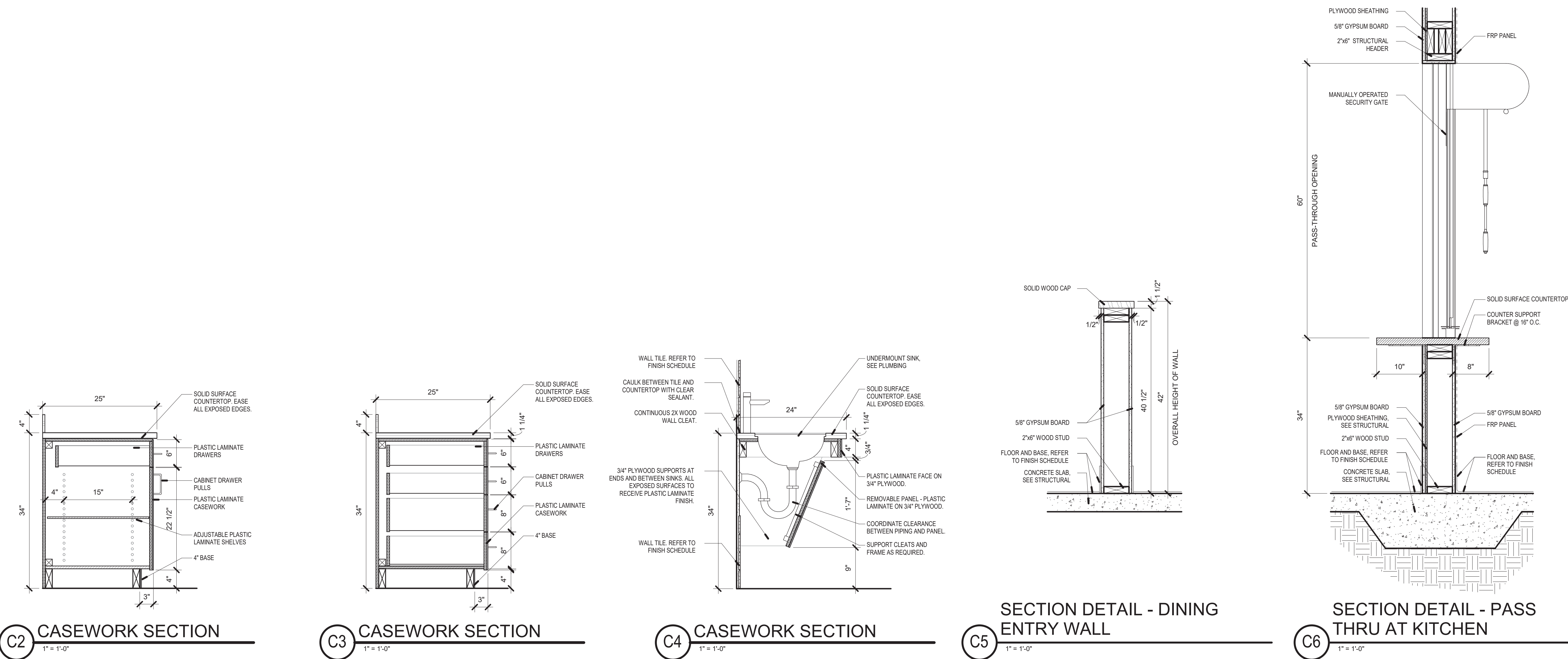
Architect Engineer



2023.09.21 16:08:21-0607

**SANTA FE COUNTY -
ABEDON LOPEZ SENIOR
CENTER**

155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567



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| CHECKED BY: | | LA |
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SHEET TITLE
CASEWORK SECTION

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GENERAL NOTES

- A. COORDINATE WITH STRUCTURAL, MECHANICAL, ELECTRICAL & PLUMBING.
- B. REFER TO OVERALL PLANS FOR INFORMATION NOT INDICATED IN ENLARGED PLANS.
- C. UNLESS NOTED OTHERWISE, ALL INTERIOR DIMENSIONS ARE TO FACE OF STUD.
- D. UNLESS NOTED OTHERWISE, ALL EXTERIOR DIMENSIONS ARE TO FACE OF STUD.
- E. REFER TO FINISH SEETS FOR MATERIAL SCHEDULE.
- F. FIELD VERIFY ALL CRITICAL DIMENSIONS.

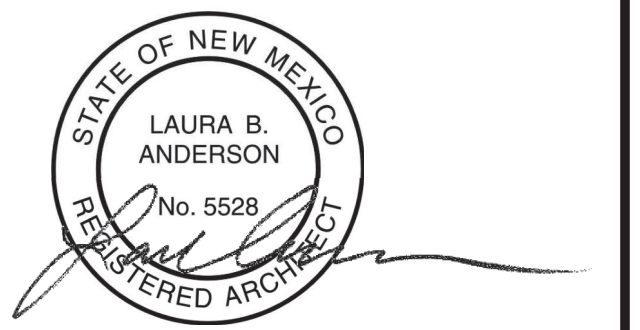


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CONSULTANTS

Architect Engineer



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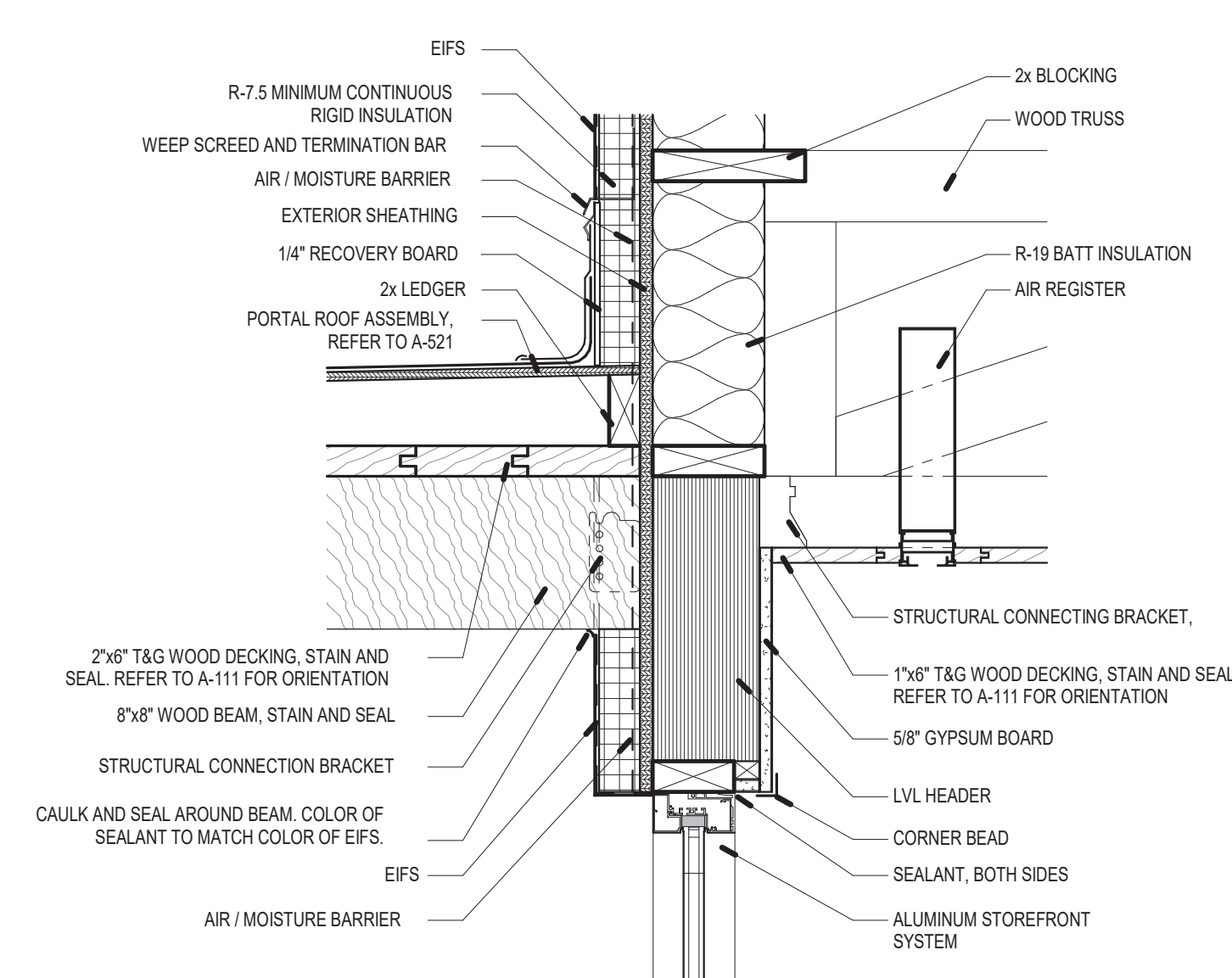
SANTA FE COUNTY -
ABEDON LOPEZ SENIOR
CENTER

155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

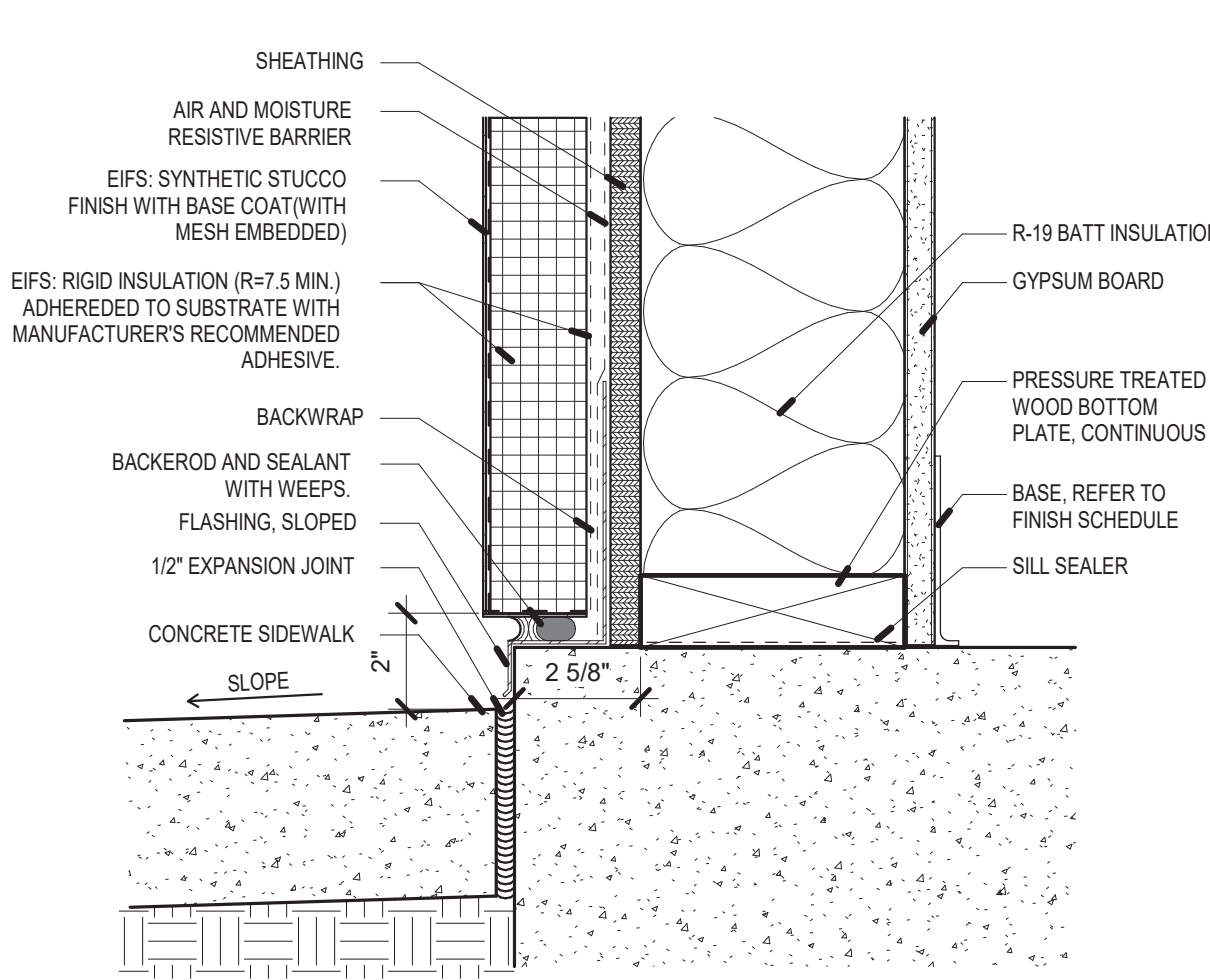
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SHEET TITLE
MISCELLANEOUS DETAILS

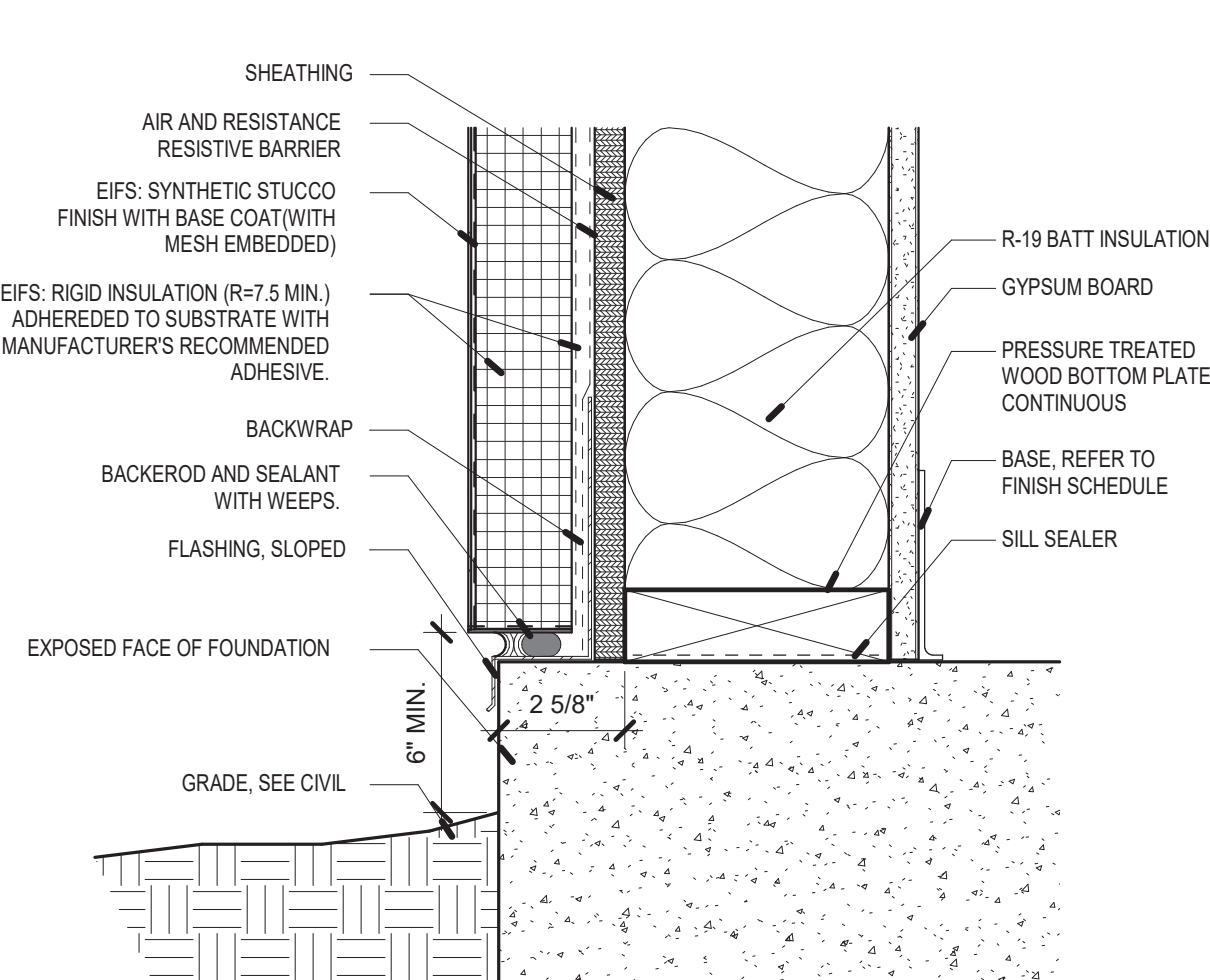
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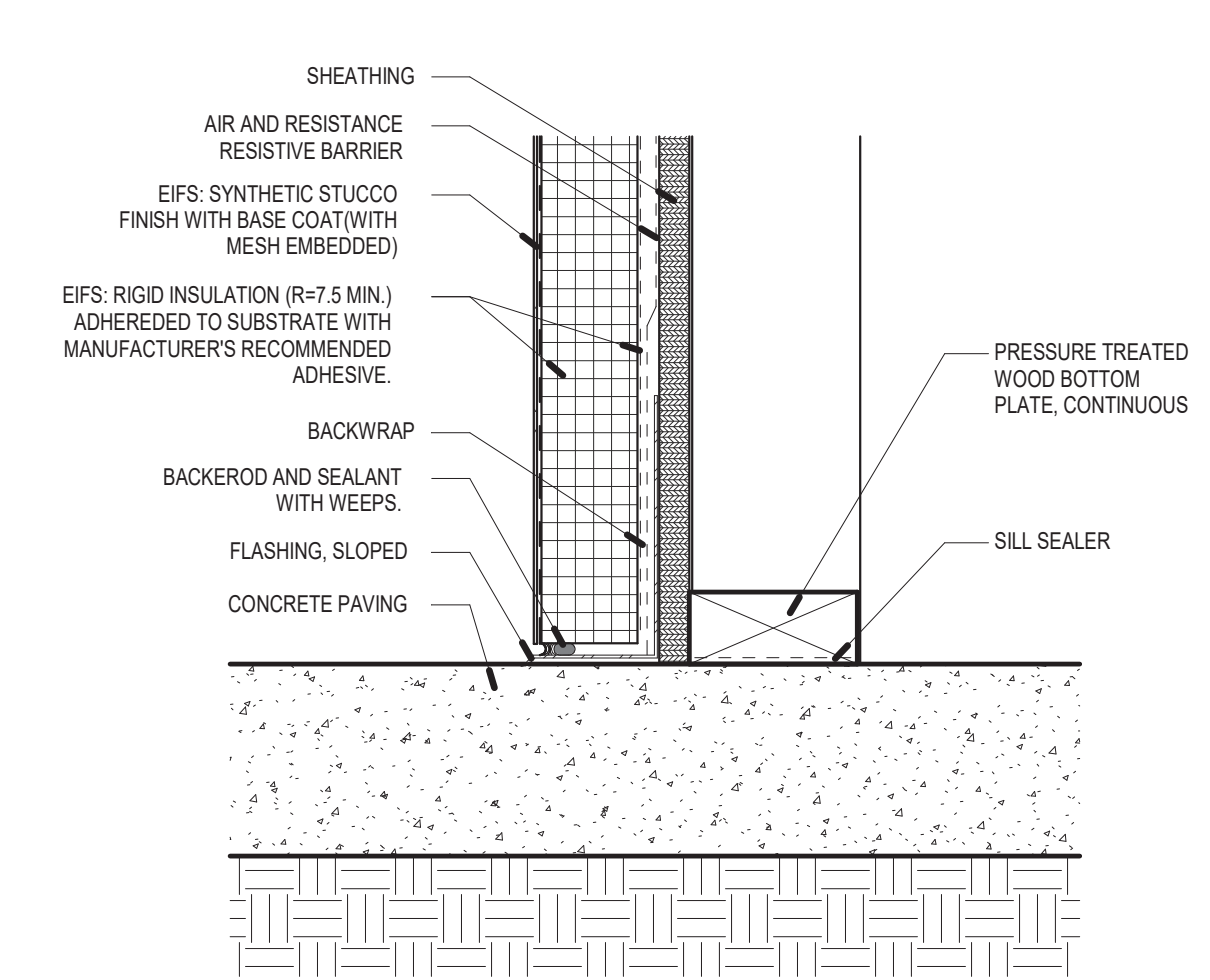
C5 SECTION DETAIL - HEAD AT EIFS & BEAM
SCALE: 1 1/2" = 1'-0"



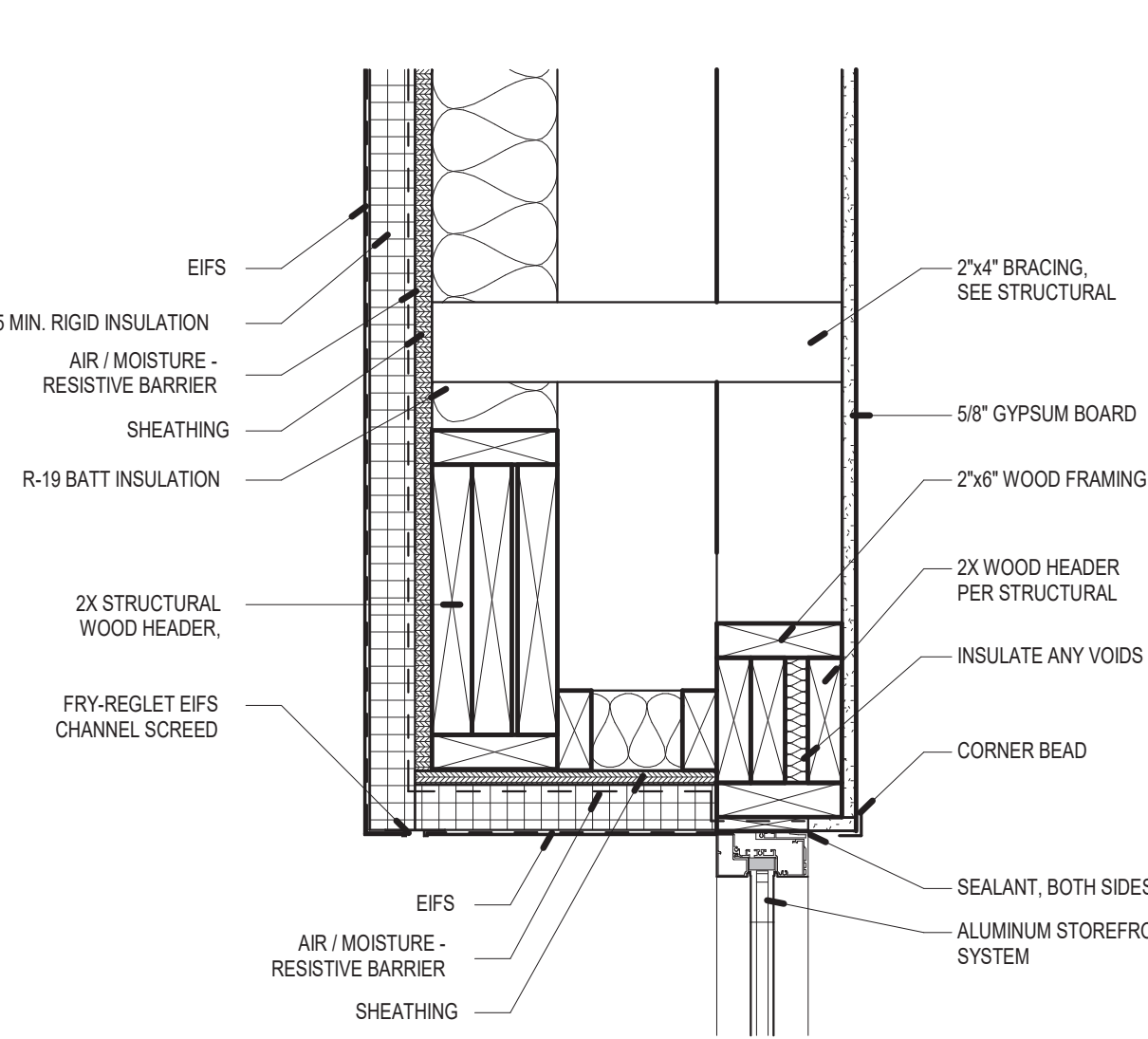
B1 SECTION DETAIL - SILL AT CONCRETE PAVING
SCALE: 3" = 1'-0"



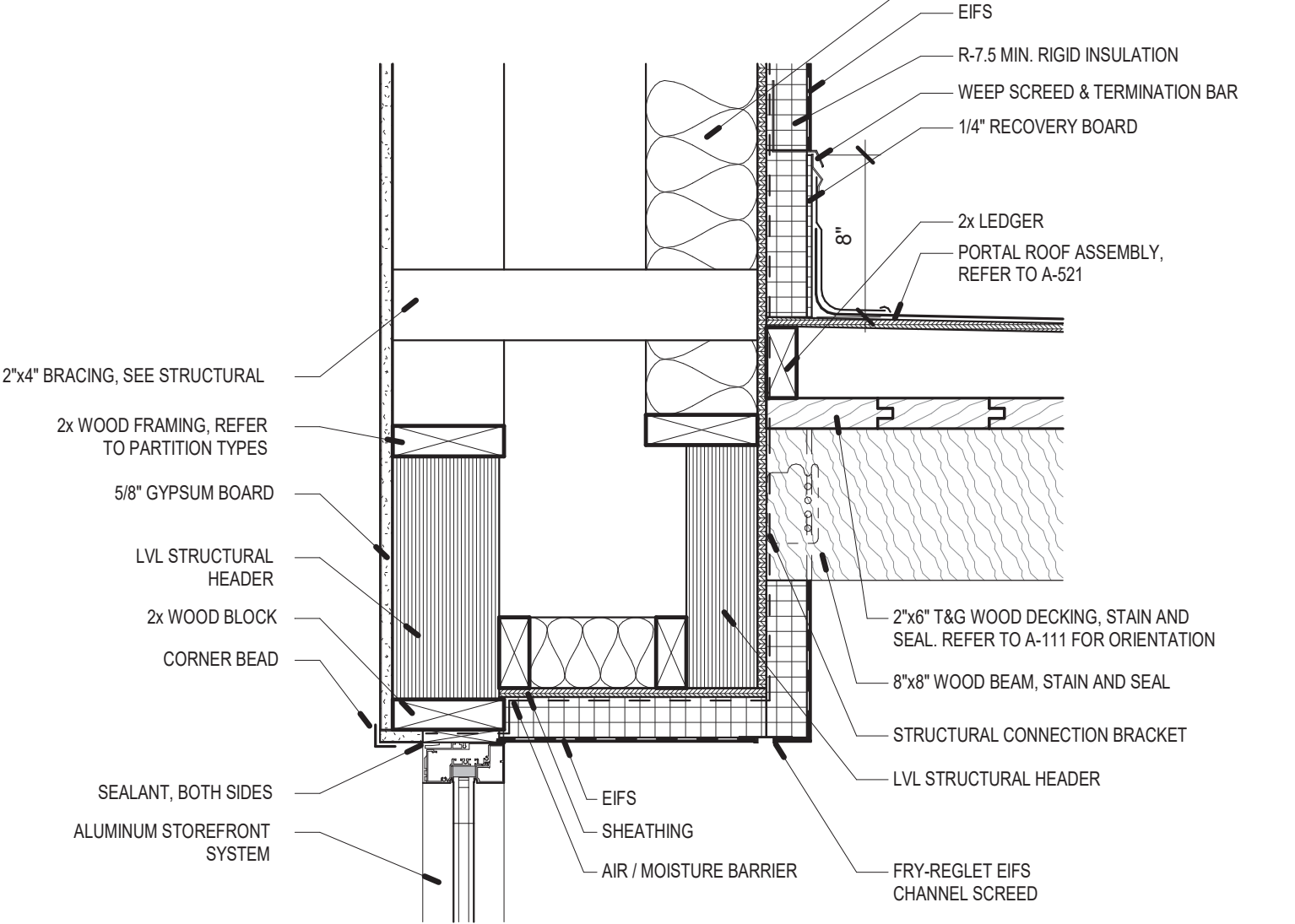
B2 SECTION DETAIL - SILL AT EIFS
SCALE: 3" = 1'-0"



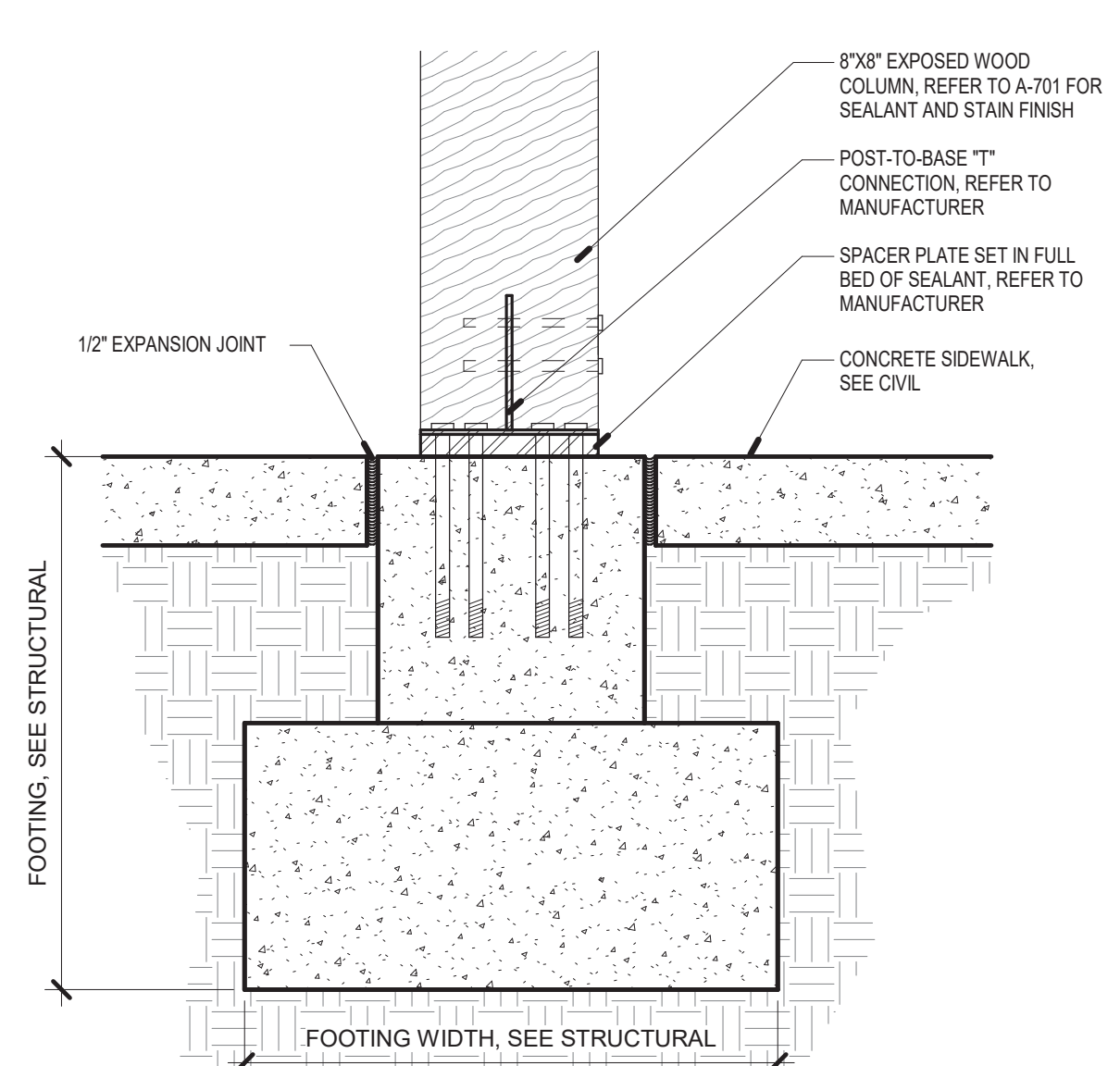
B3 SECTION DETAIL - SILL AT BANCO
SCALE: 3" = 1'-0"



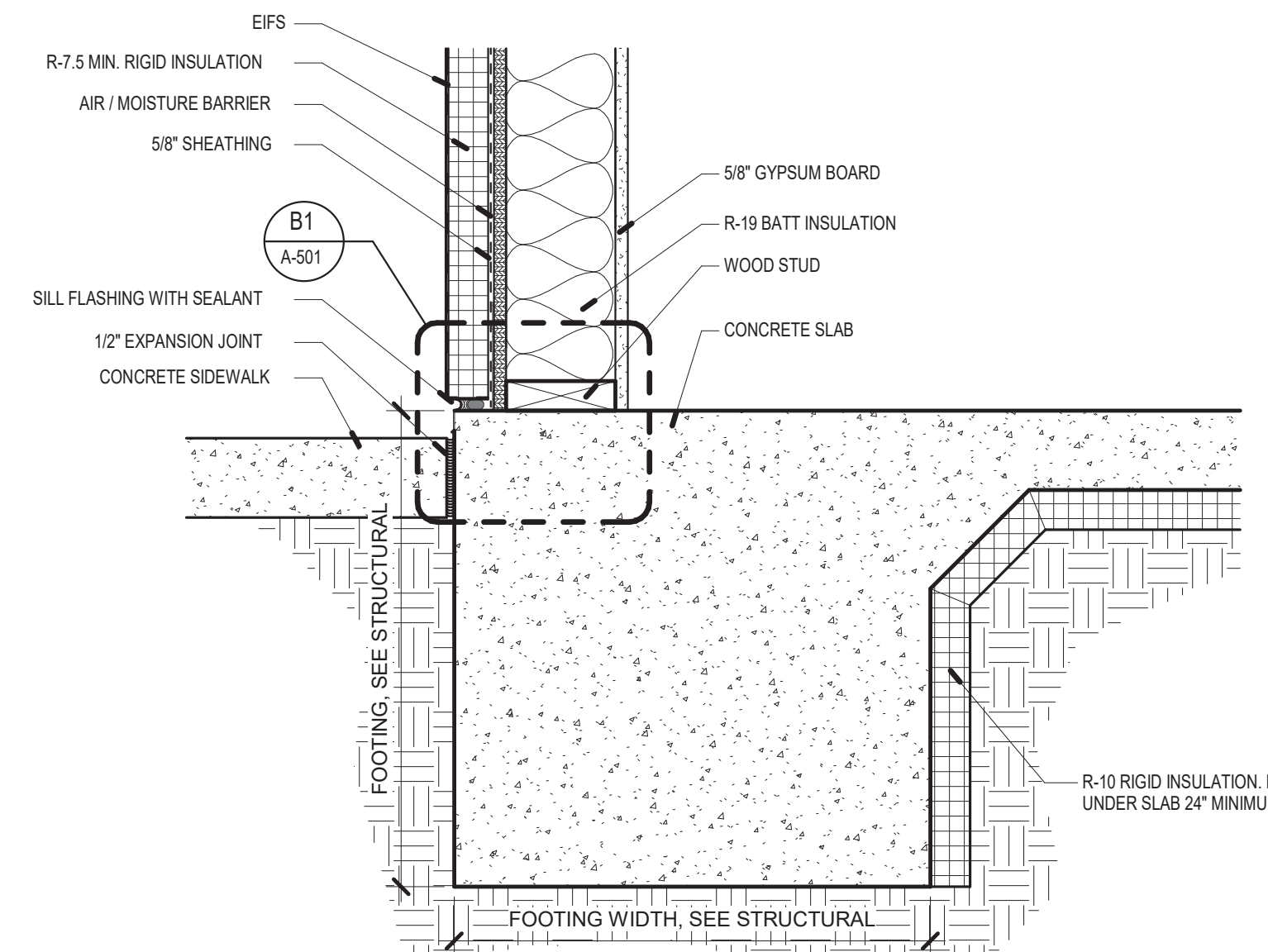
B4 SECTION DETAIL - HEAD AT EIFS
SCALE: 1 1/2" = 1'-0"



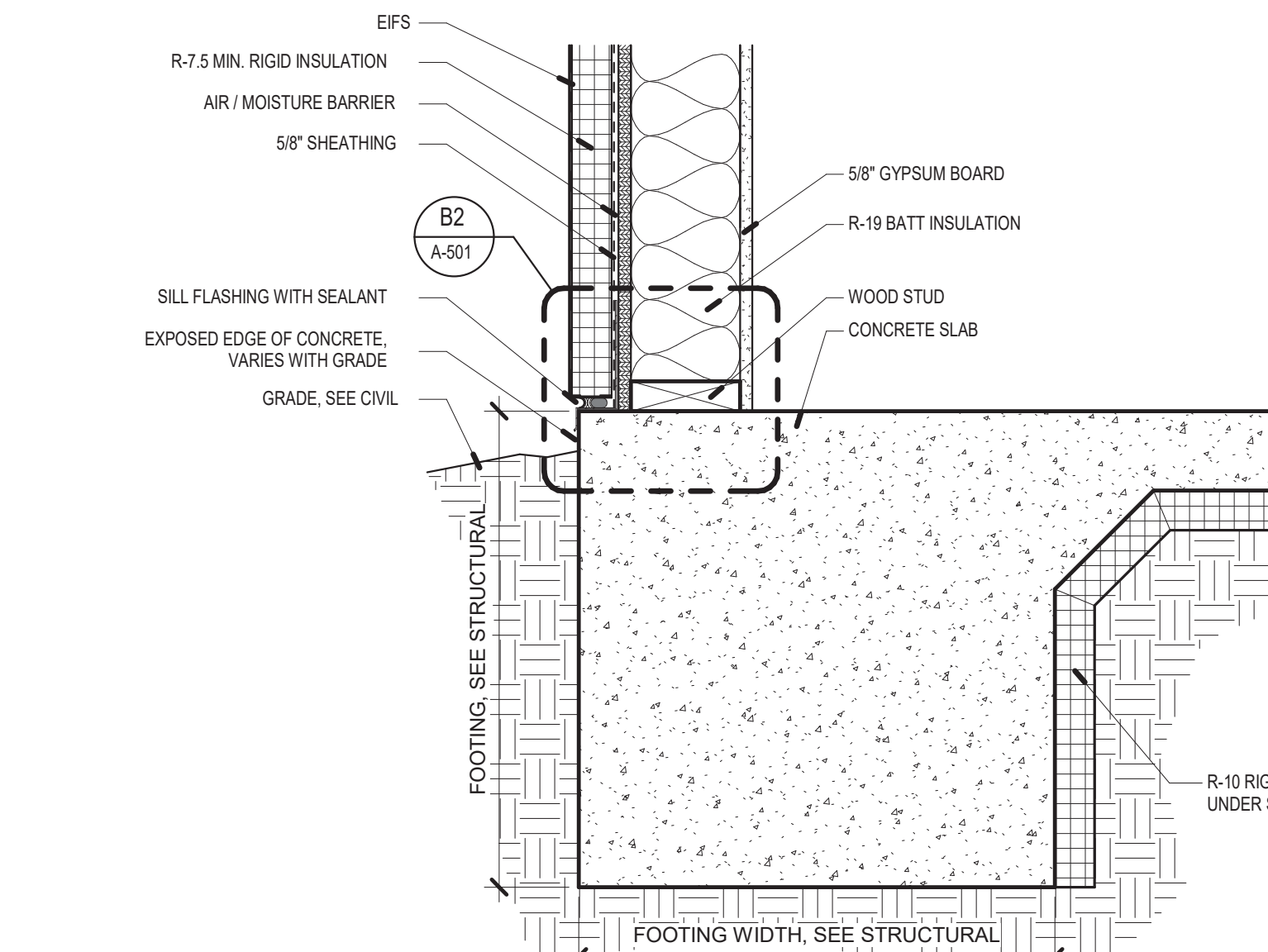
B5 SECTION DETAIL - HEAD AT EIFS & BEAM
SCALE: 1 1/2" = 1'-0"



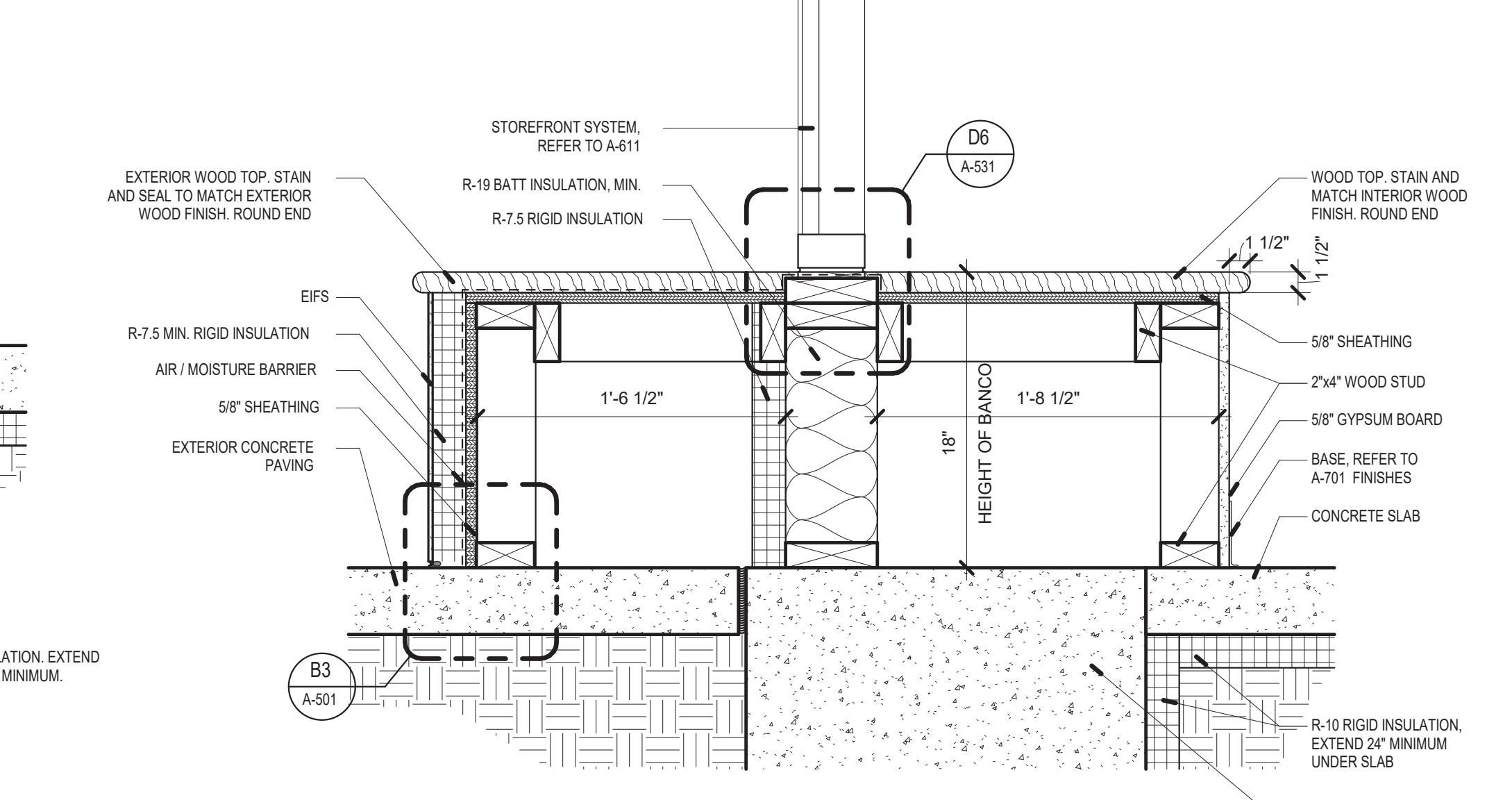
A1 SECTION DETAIL - PORTAL COLUMN BASE
SCALE: 1 1/2" = 1'-0"



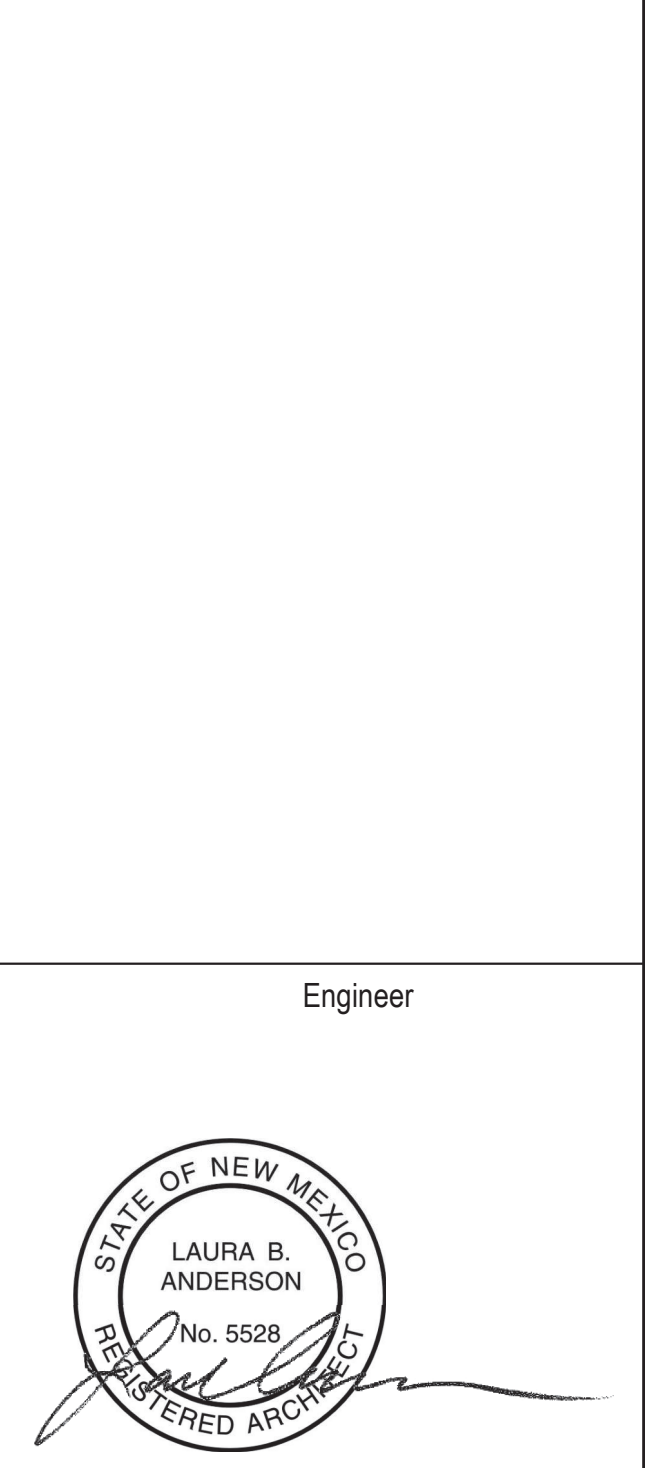
A2 SECTION DETAIL - SILL AT CONCRETE PAVING
SCALE: 1 1/2" = 1'-0"



A4 SECTION DETAIL - SILL AT EIFS
SCALE: 1 1/2" = 1'-0"



A5 SECTION DETAIL - BANCO SEATING
SCALE: 1 1/2" = 1'-0"



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**SANTA FE COUNTY -
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155A CAMINO DE QUINTANA
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SHEET TITLE
**REFLECTED CEILING
DETAILS**

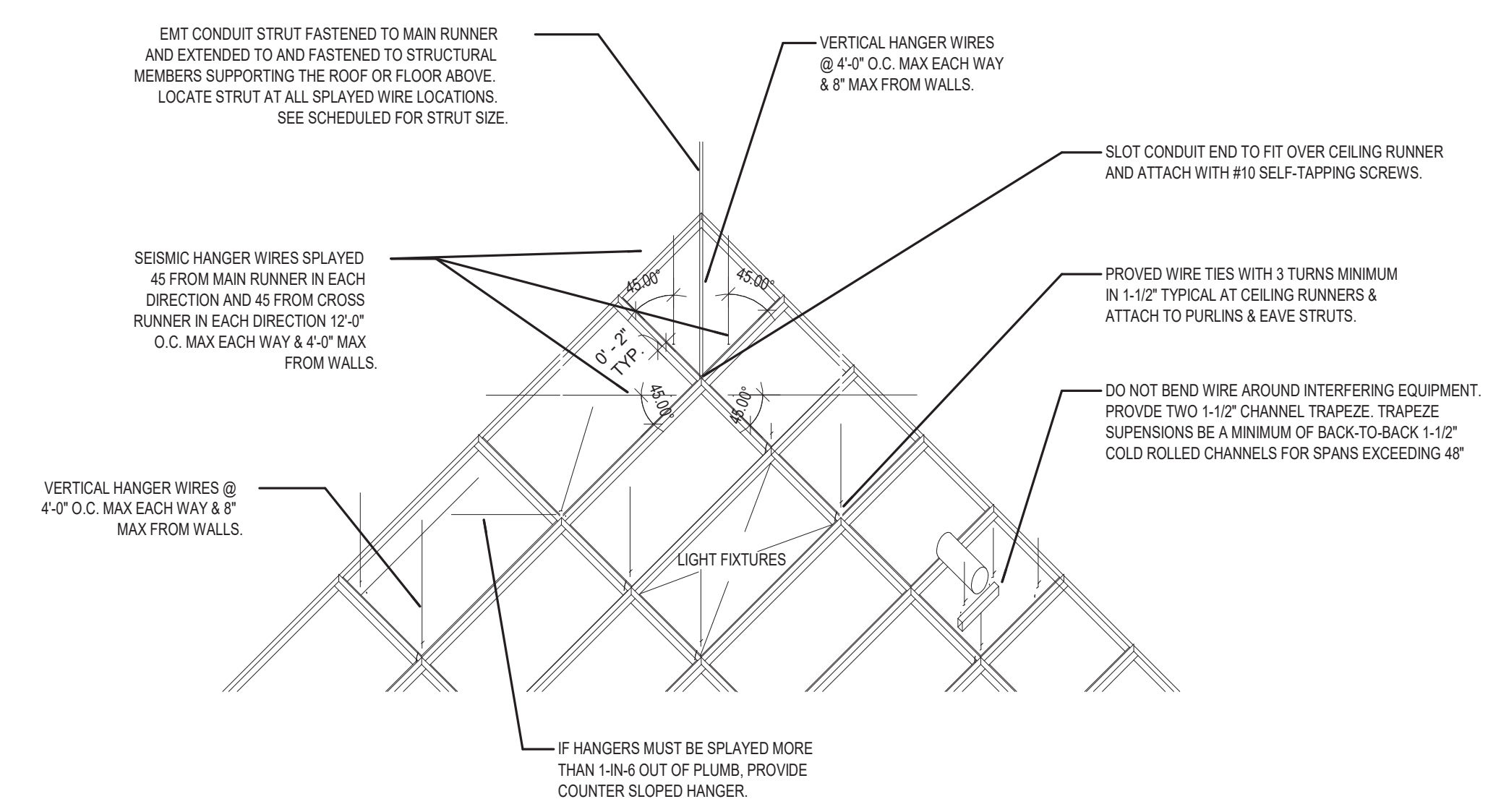
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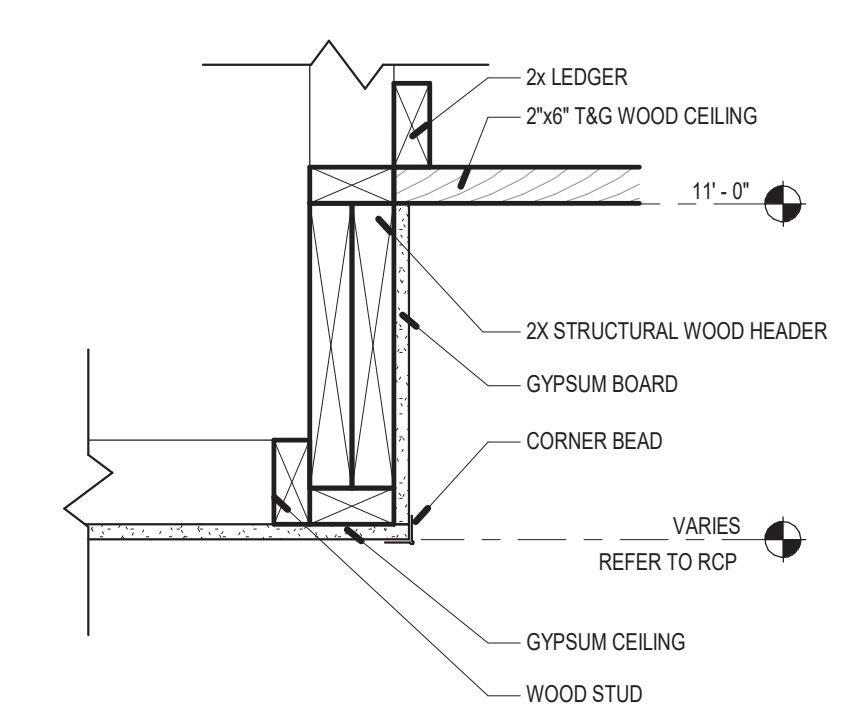
1. VERTICAL HANGERS- SUSPENSION WIRES SHALL NOT BE SMALLER THAN NO. 12 GAUGE SPACED AT 4' OC OR NO. 10 GAUGE SPACED AT 5' OC ALONG EACH MAIN RUNNER UNLESS CALCULATIONS JUSTIFYING THE INCREASED SPACING ARE PROVIDED. EACH VERTICAL WIRE SHALL BE ATTACHED TO THE CEILING SUSPENSION MEMBER AND TO THE SUPPORT ABOVE WITH A MINIMUM OF THREE TURNS. ANY CONNECTION DEVICE AT THE SUPPORTING CONSTRUCTION SHALL BE CAPABLE OF CARRYING NOT LESS THAN 10 POUNDS. SUSPENSION WIRES SHALL NOT HANG MORE THAN 1/4" OUT OF PLUMB UNLESS COUNTERSLOPING WIRES ARE PROVIDED.
2. PERIMETER HANGERS- THE PERIMETER ENDS OF EACH CROSS RUNNER AND MAIN RUNNER SHALL BE SUPPORTED INDEPENDENTLY A MAX OF 8" FROM EACH WALL OR CEILING DISCONTINUITY WITH NO. 12 GAUGE WIRE OR APPROVED WALL SUPPORT. THESE WIRES SHALL NOT HANG MORE THAN 1/4" OUT OF PLUMB AND MUST BE CONNECTED TO AN ADJACENT WALL OR TO THE STRUCTURE ABOVE.
3. LATERAL FORCE BRACING- WHERE SUBSTANTIAL DESIGN CALCULATIONS ARE NOT PROVIDED, HORIZONTAL RESTRAINTS SHALL BE EFFECTED BY FOUR NO. 12 GAUGE WIRES SECURED TO THE MAIN RUNNER WITHIN 2" OF THE CROSS RUNNER INTERSECTION AND SPACED 90 DEGS FROM EACH OTHER AT AN ANGLE NOT EXCEEDING 45 DEGS FROM THE PLANE OF THE CEILING. A STRUT FASTENED TO THE MAIN RUNNER SHALL BE EXTENDED TO AND FASTENED TO THE STRUCTURAL MEMBERS SUPPORTING THE ROOF OR FLOOR ABOVE. THE STRUT SHALL BE ADEQUATE TO RESIST THE VERTICAL COMPONENT INDUCED BY THE BRACING WIRES. THESE HORIZONTAL RESTRAINT POINTS SHALL BE PLACED 12" OC IN BOTH DIRECTIONS WITH THE FIRST POINT WITHIN 8" FROM EACH WALL. ATTACHMENT OF THE RESTRAINT WIRES TO THE STRUCTURE ABOVE SHALL BE ADEQUATE FOR THE LOAD IMPOSED. LATERAL FORCE BRACING MEMBERS SHALL BE SPACED A MINIMUM OF 8" FROM ALL HORIZONTAL PIPING OR DUCT WORK THAT IS NOT PROVIDED WITH BRACING RESTRAINTS FOR HORIZONTAL FORCES. BRACING WIRES SHALL BE ATTACHED TO THE GRID AND TO THE STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS OR THE ACTUAL DESIGN LOAD, WITH A SAFETY FACTOR OF 2, WHICHEVER IS GREATER.
4. PERIMETER MEMBERS- UNLESS PERIMETER MEMBERS ARE A STRUCTURAL PART OF THE APPROVED SYSTEM, WALL ANGLES OR CHANNELS SHALL BE CONSIDERED AS AESTHETIC CLOSURES AND SHALL HAVE NO STRUCTURAL VALUE ASSESSED TO THEMSELVES OR THEIR METHOD OF ATTACHMENT TO THE WALLS. ENDS OF MAIN RUNNERS AND CROSS MEMBERS SHALL BE TIED TOGETHER TO PREVENT THEIR SPREADING.
5. ATTACHMENT OF MEMBERS TO THE PERIMETER- TO FACILITATE INSTALLATION, MAIN RUNNERS AND CROSS RUNNERS MAY BE ATTACHED TO THE PERIMETER MEMBER AT TWO ADJACENT WALLS WITH CLEARANCE BETWEEN THE WALL AND THE RUNNERS MAINTAINED AT THE OTHER TWO WALLS OR AS OTHERWISE SHOWN OR DESCRIBED FOR THE APPROVED SYSTEM.

| IBC SEISMIC CATEGORY | IBC SEISMIC INSTALLATION REQUIREMENTS |
|----------------------|--|
| D | <p>TO BE INSTALLED TO CISCA RECOMMENDATIONS FOR AREAS SUBJECT TO LIGHT TO MODERATE SEISMIC ACTIVITY.</p> <ul style="list-style-type: none"> -MINIMUM 7/8" WALL MOULDING. -GRID MUST NOT BE ATTACHED TO WALL MOULDING. -MINIMUM 3/8" CLEARANCE ON ALL SIDES. -MINIMUM 3/8" OVERLAP OF GRID ON THE WALL MOLDING. -ENDS OF MAIN BEAMS AND CROSS TEES MUST BE TIED TOGETHER TO PREVENT THEIR SPREADING. -SAFETY WIRES REQUIRED ON LIGHT FIXTURES. <p>NOTE: REQUIREMENTS FOR ESSENTIAL USE FACILITIES MAY BE DIFFERENT.</p> |

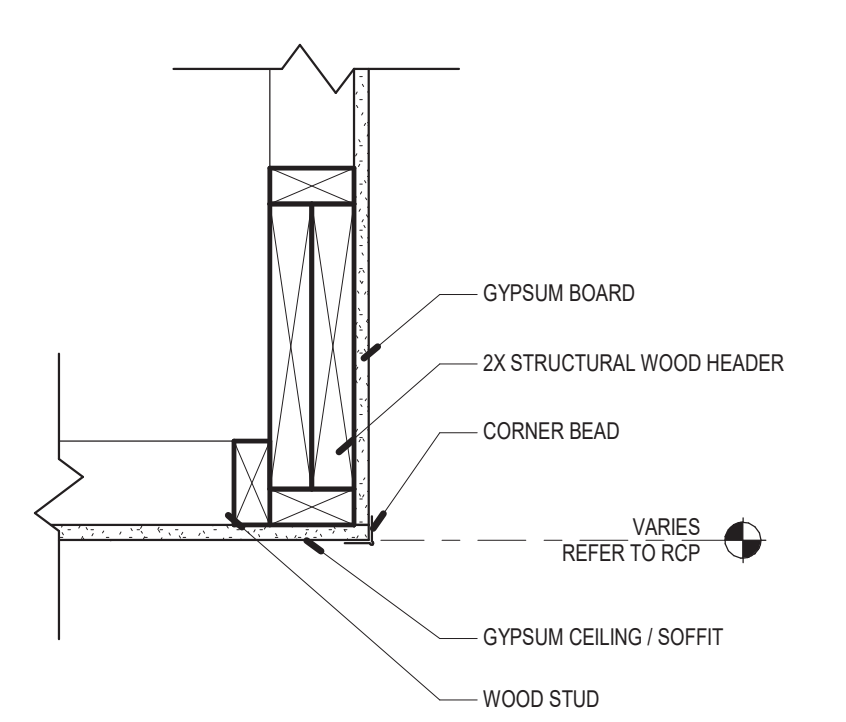
| STRUT SCHEDULE | |
|--------------------|-------------------|
| EMT SIZE (NOMINAL) | LENGTH (L) < 200' |
| 1/2" | < 3'-10" |
| 3/4" | < 5'-0" |
| 1" | < 6'-0" |
| 1 1/4" | < 8'-0" |
| 1 1/2" | < 9'-10" |



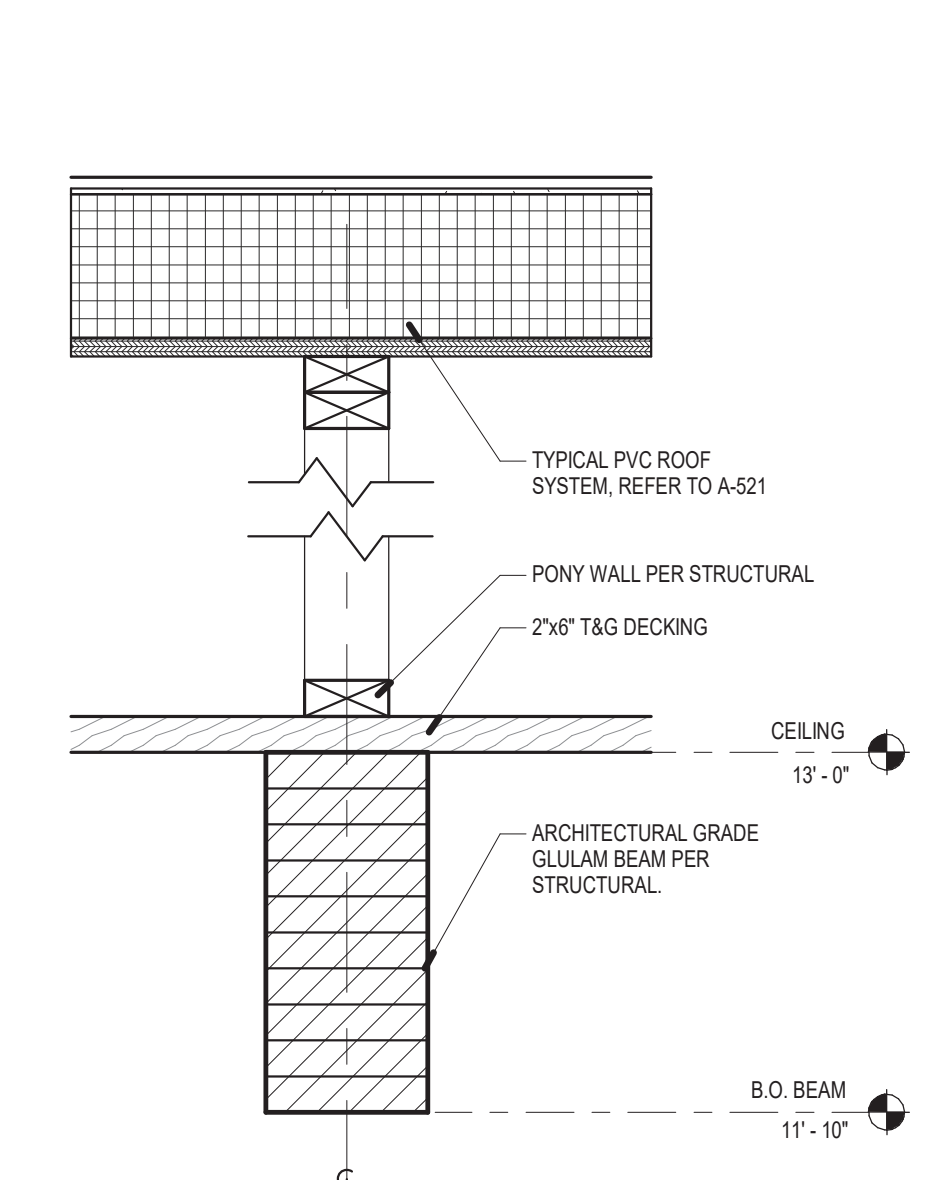
C5 IBC SEISMIC INSTALLATION REQUIREMENTS
1/2" = 1'-0"



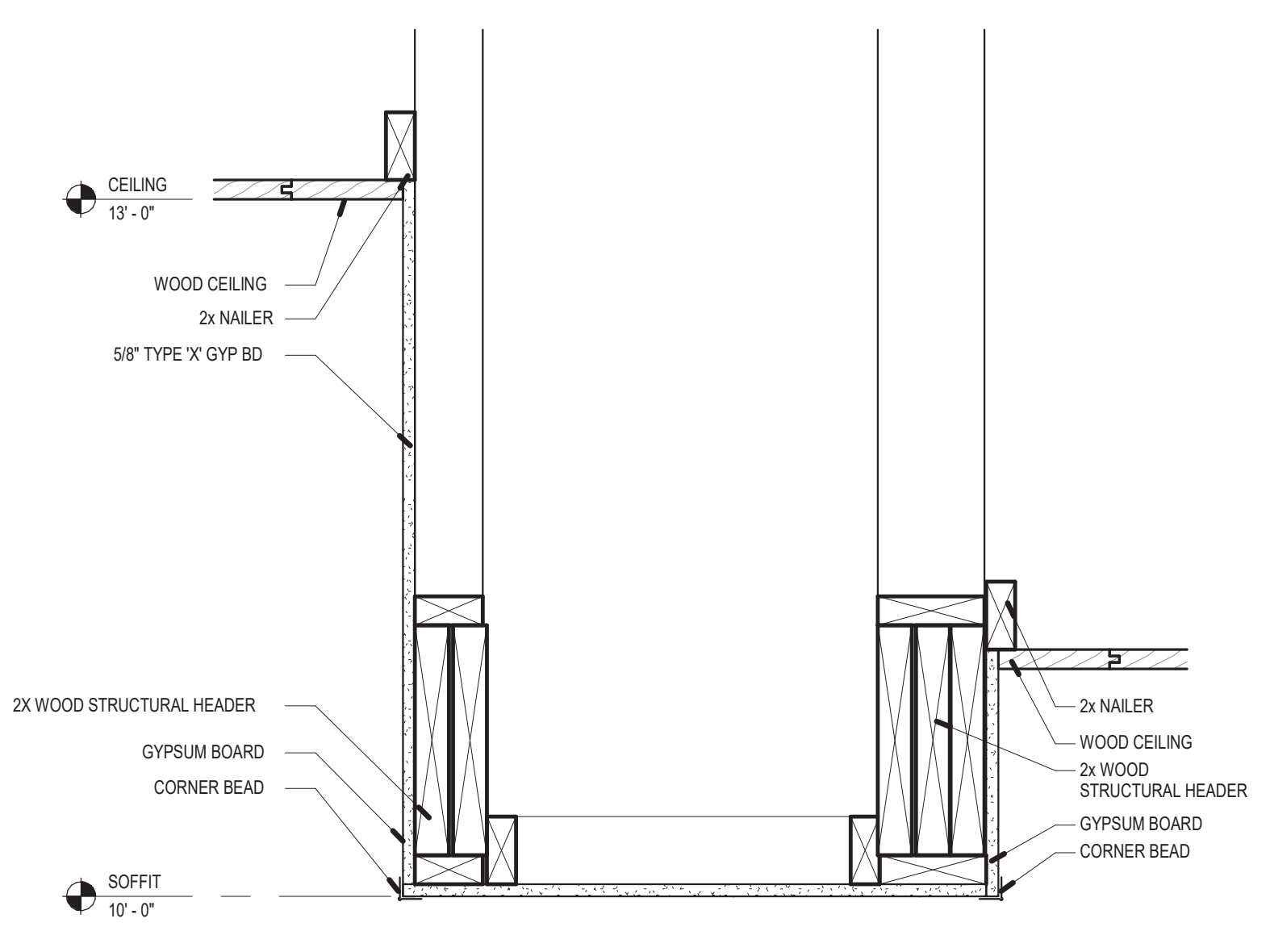
B4 SECTION DETAIL - TYPICAL BULKHEAD
1 1/2" = 1'-0"



B5 SECTION DETAIL - TYPICAL BULKHEAD
1 1/2" = 1'-0"



A4 SECTION DETAIL - GLULAM BEAM
1 1/2" = 1'-0"



A5 SECTION DETAIL - BULKHEAD AT DINING ENTRY
1 1/2" = 1'-0"

9/21/2023 3:45:01 PM

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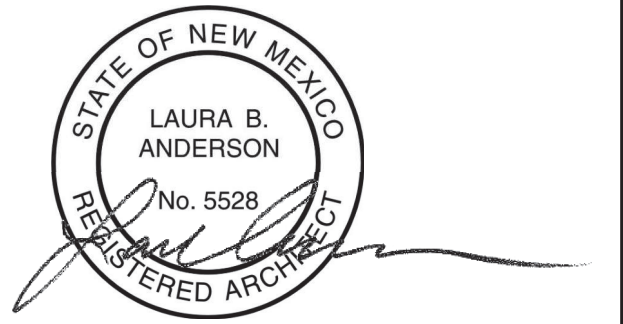
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CONSULTANTS

Architect Engineer



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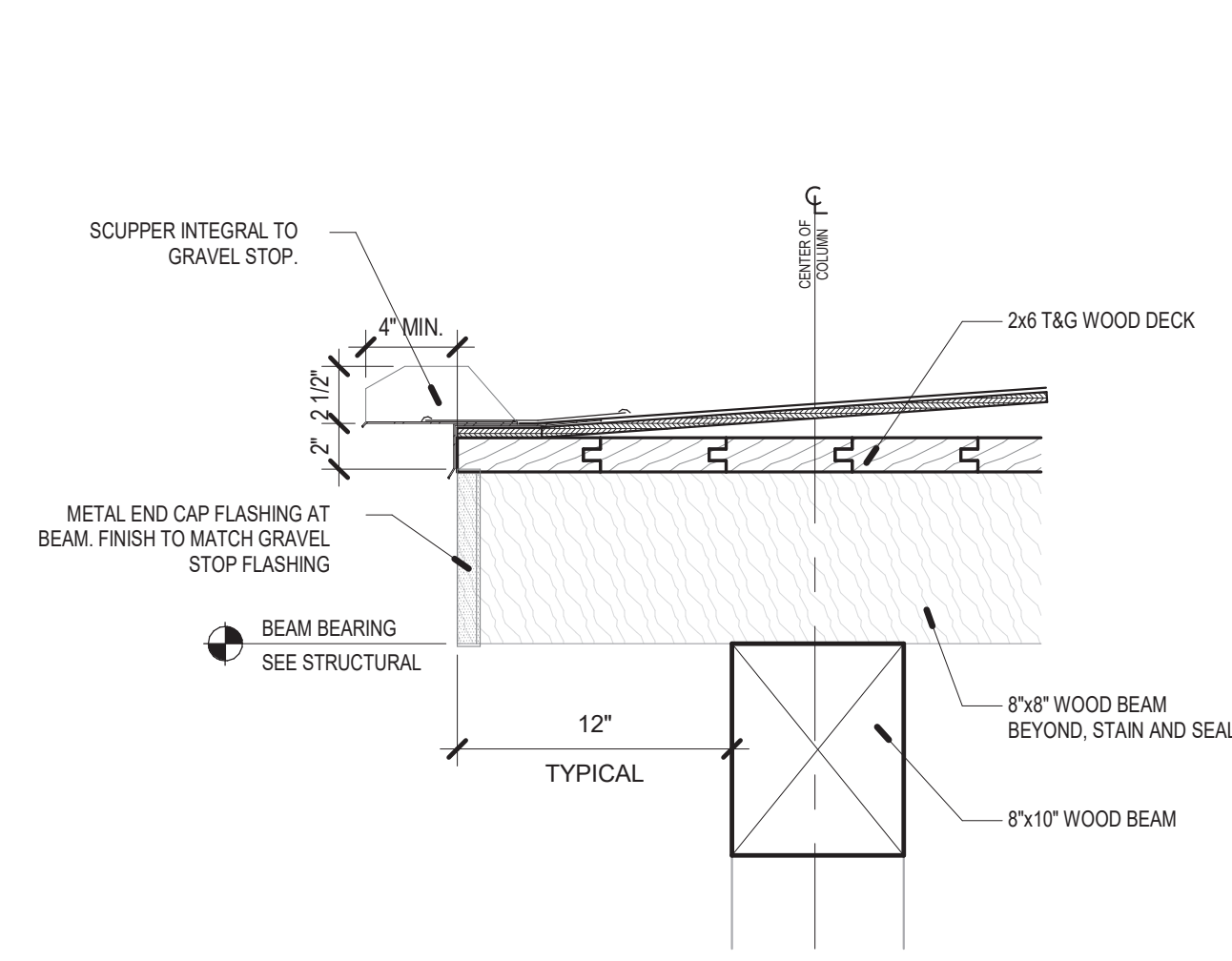
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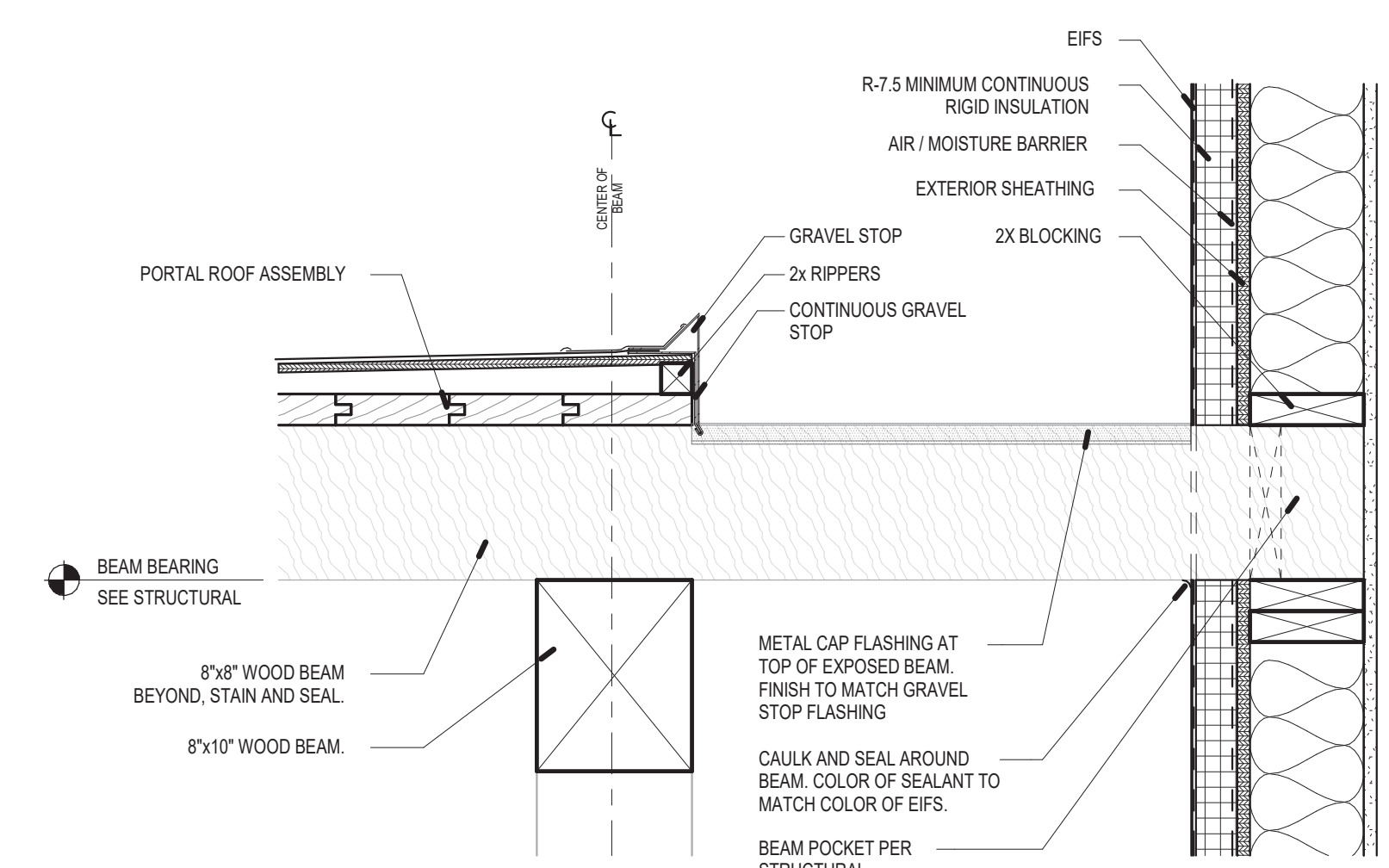
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SHEET TITLE
ROOF DETAILS

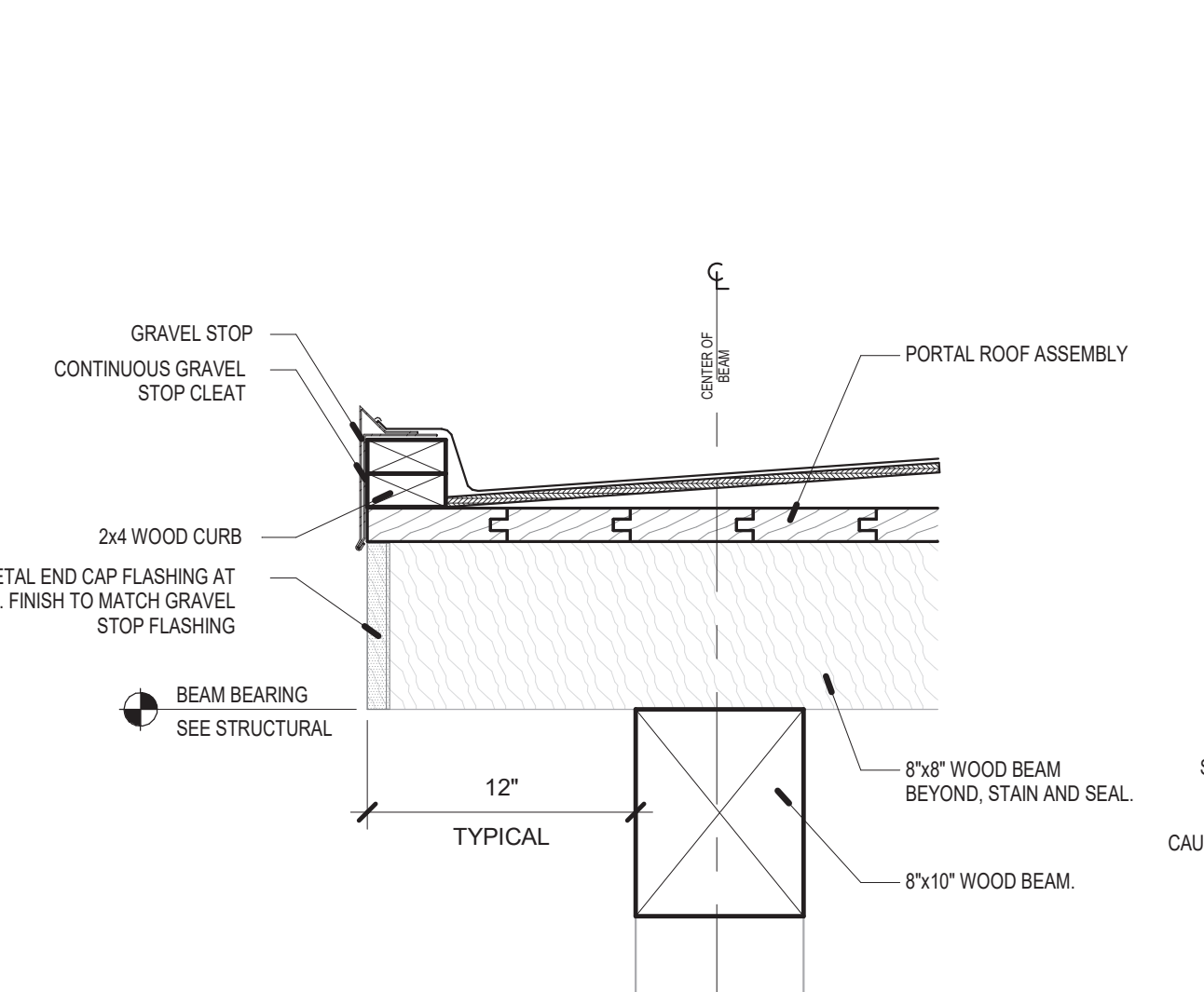
A-521



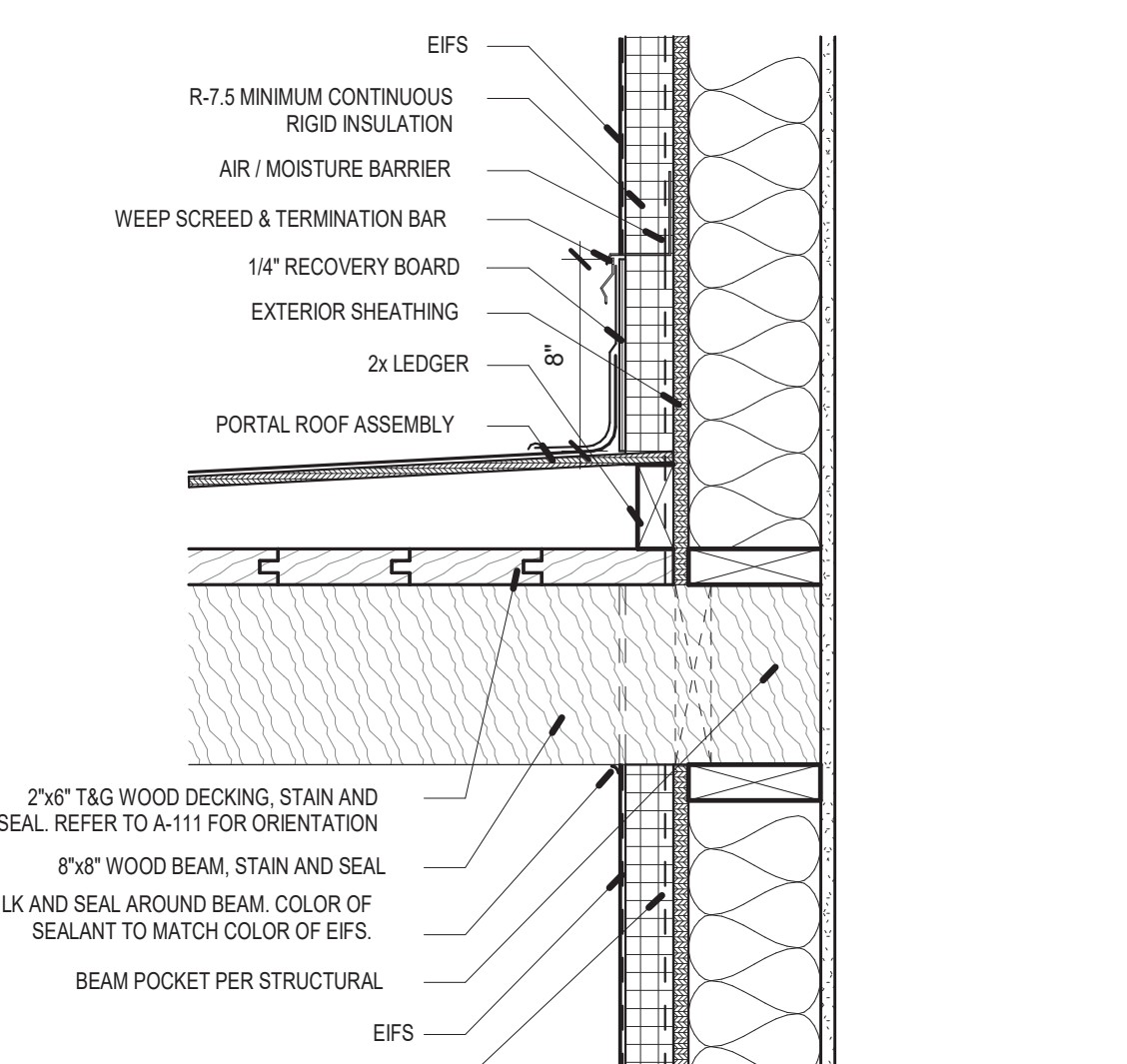
B1 SECTION DETAIL - SCUPPER AT GRAVEL STOP
1 1/2" = 1'-0"



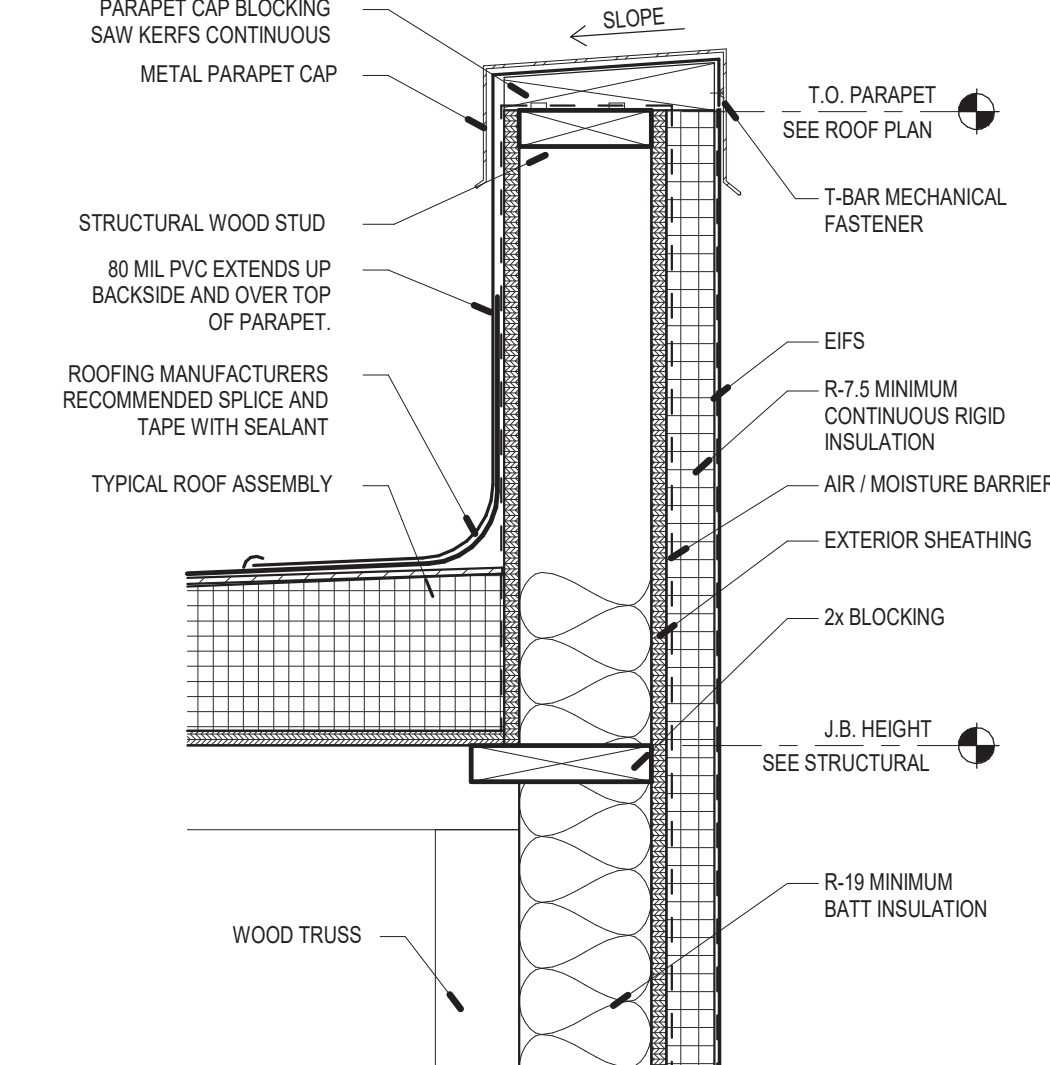
B2 SECTION DETAIL - PORTAL BEAM AT BUILDING
1 1/2" = 1'-0"



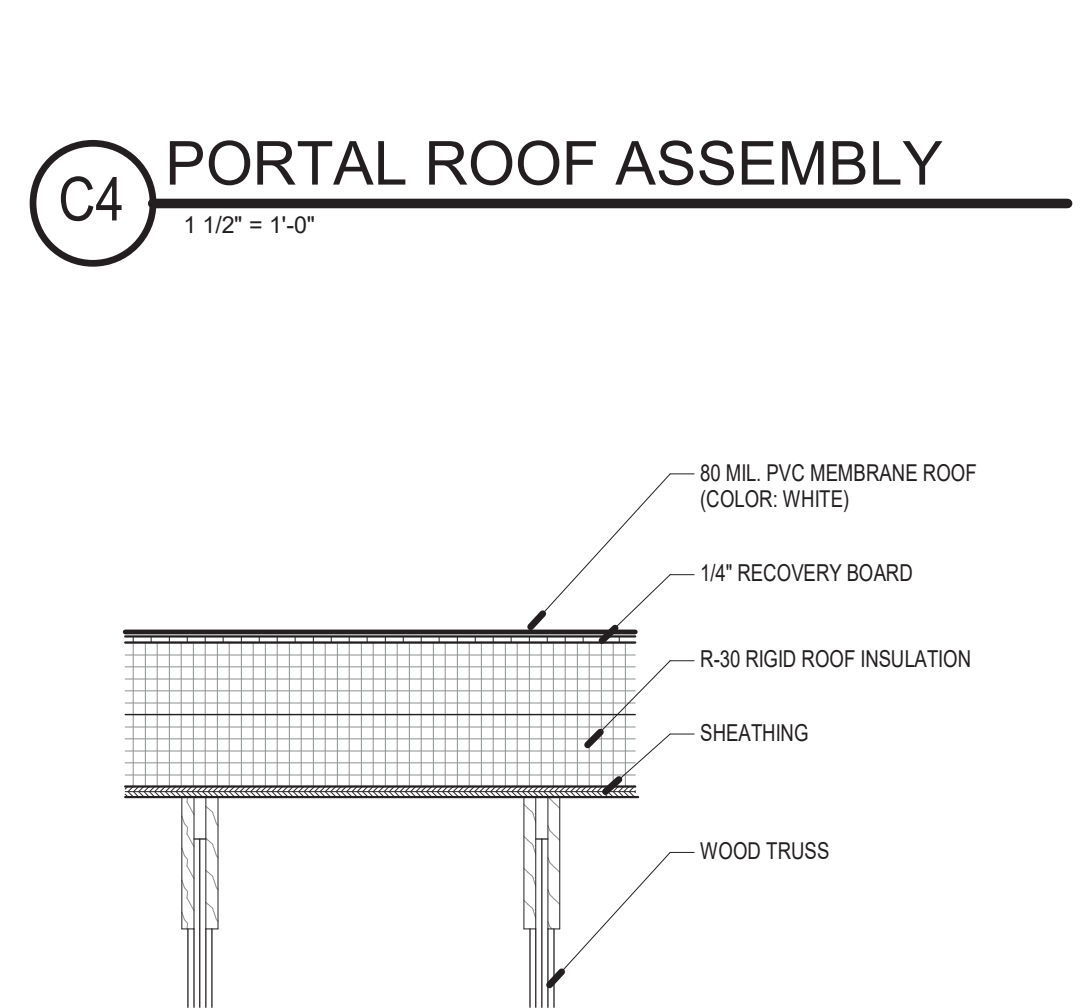
A1 SECTION DETAIL - PORTAL BEAM AT END
1 1/2" = 1'-0"



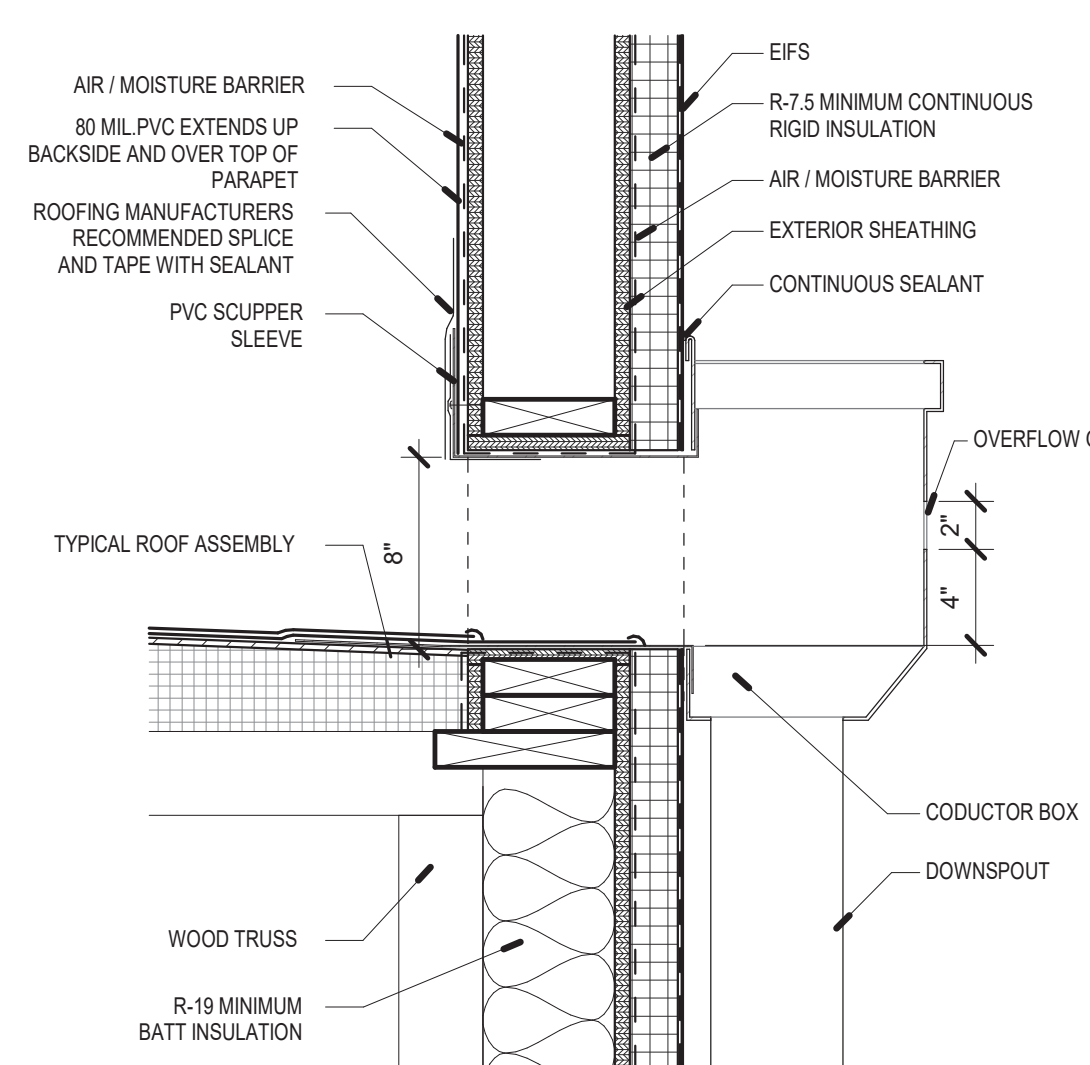
A2 SECTION DETAIL - PORTAL BEAM AT BUILDING
1 1/2" = 1'-0"



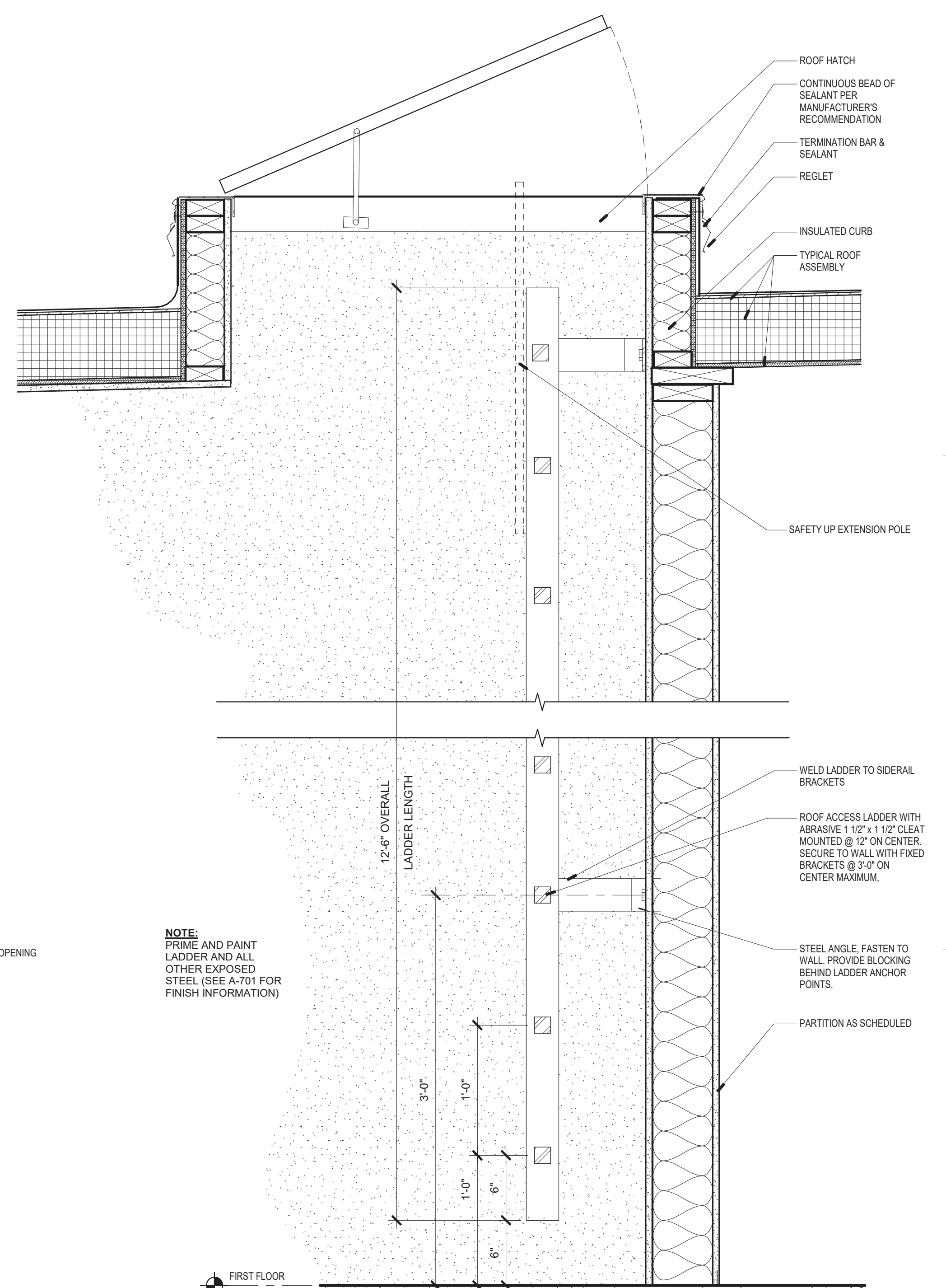
A3 SECTION DETAIL - TYPICAL PARAPET
1 1/2" = 1'-0"



B4 SECTION DETAIL - TYPICAL ROOF ASSEMBLY
1 1/2" = 1'-0"



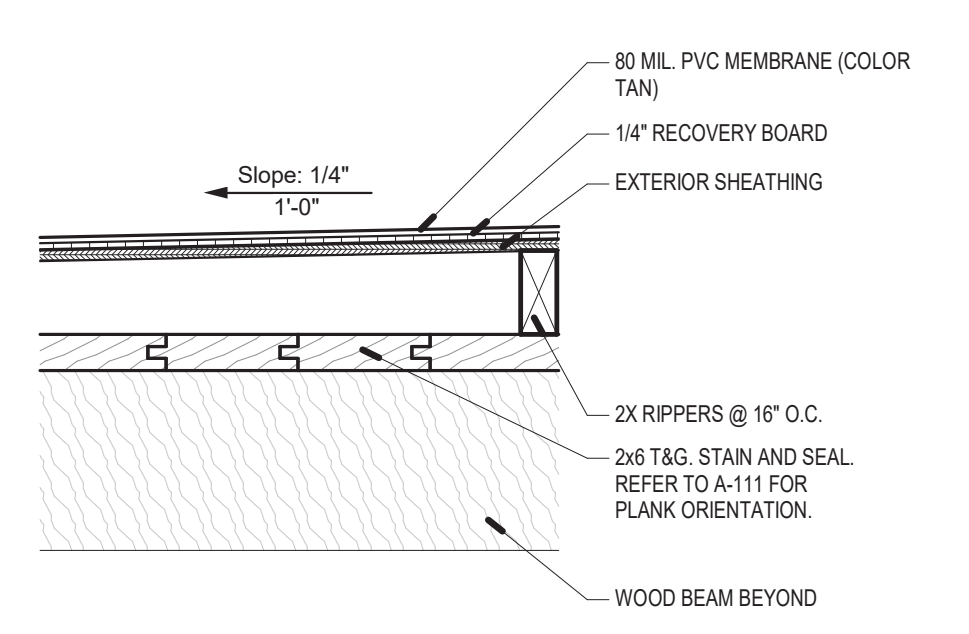
A4 SECTION DETAIL - ROOF SCUPPER
1 1/2" = 1'-0"



D5 PARAPET LADDER
1 1/2" = 1'-0"

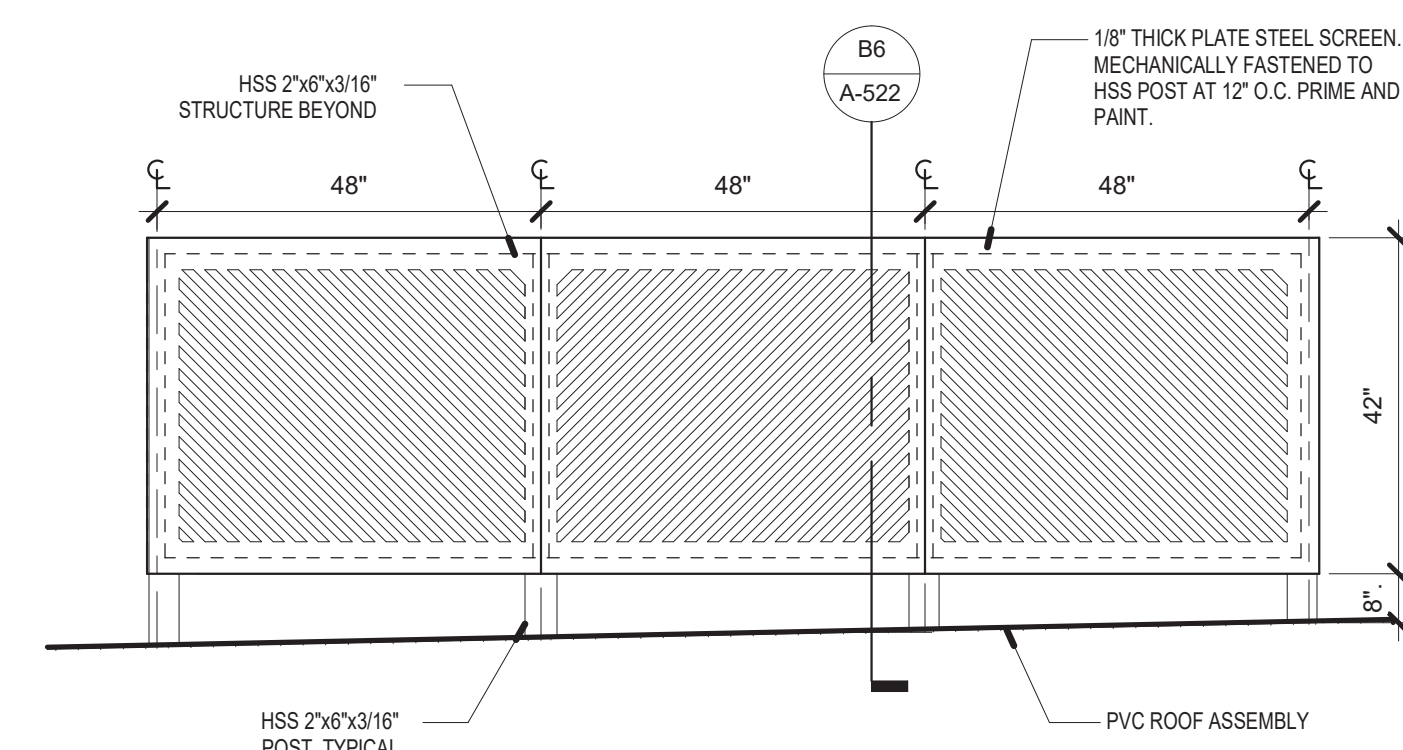
NOTE: PRIME AND PAINT LADDER AND ALL OTHER EXPOSED STEEL (SEE A-701 FOR FINISH INFORMATION)

FIRST FLOOR

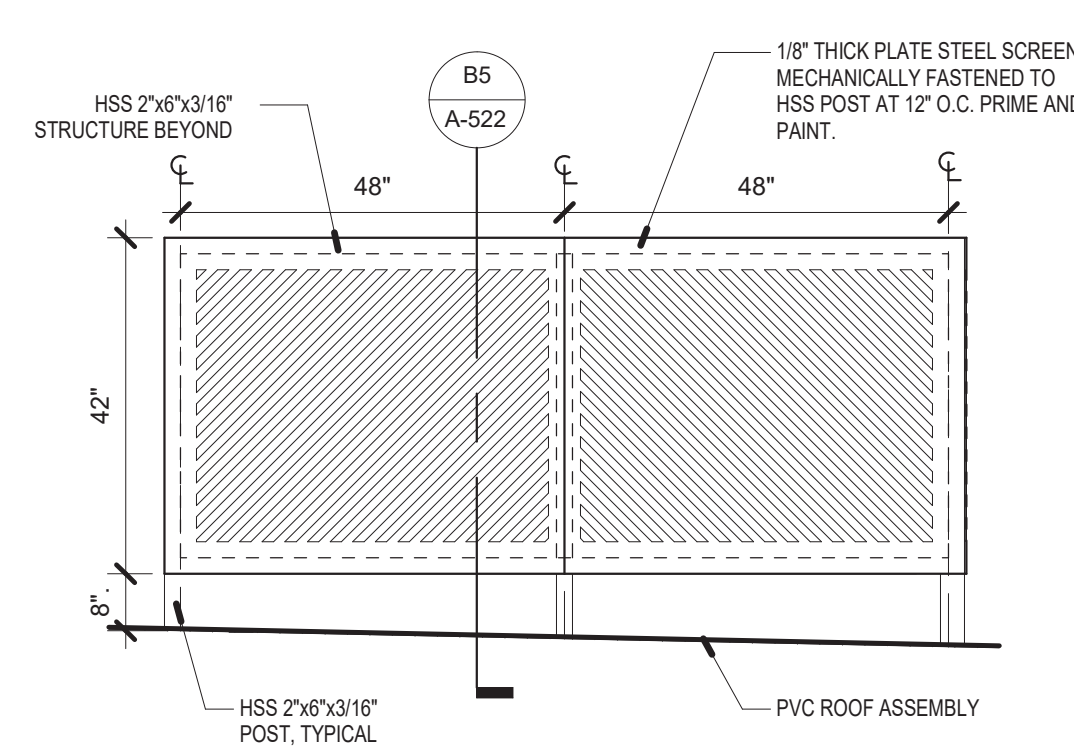


C4 PORTAL ROOF ASSEMBLY
1 1/2" = 1'-0"

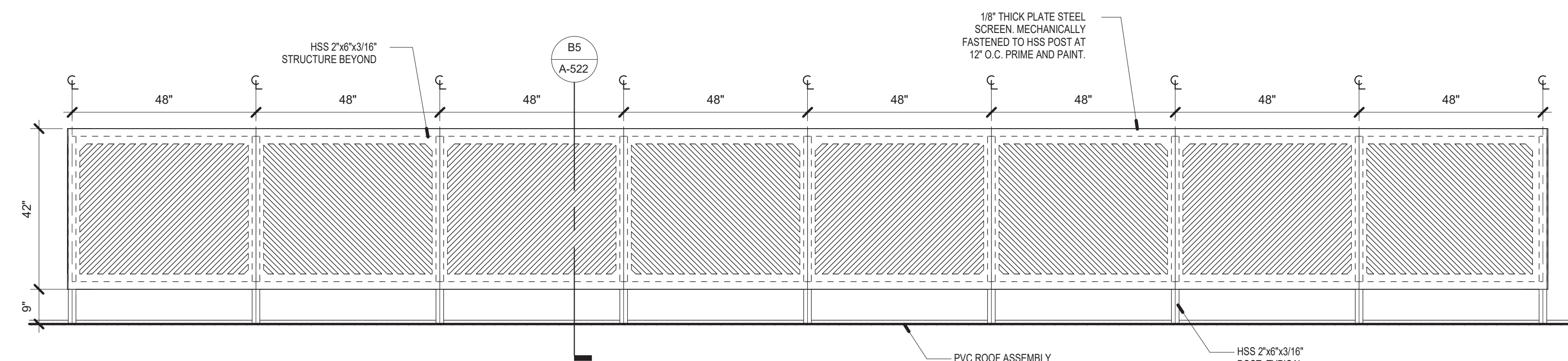
D5 PARAPET LADDER
1 1/2" = 1'-0"



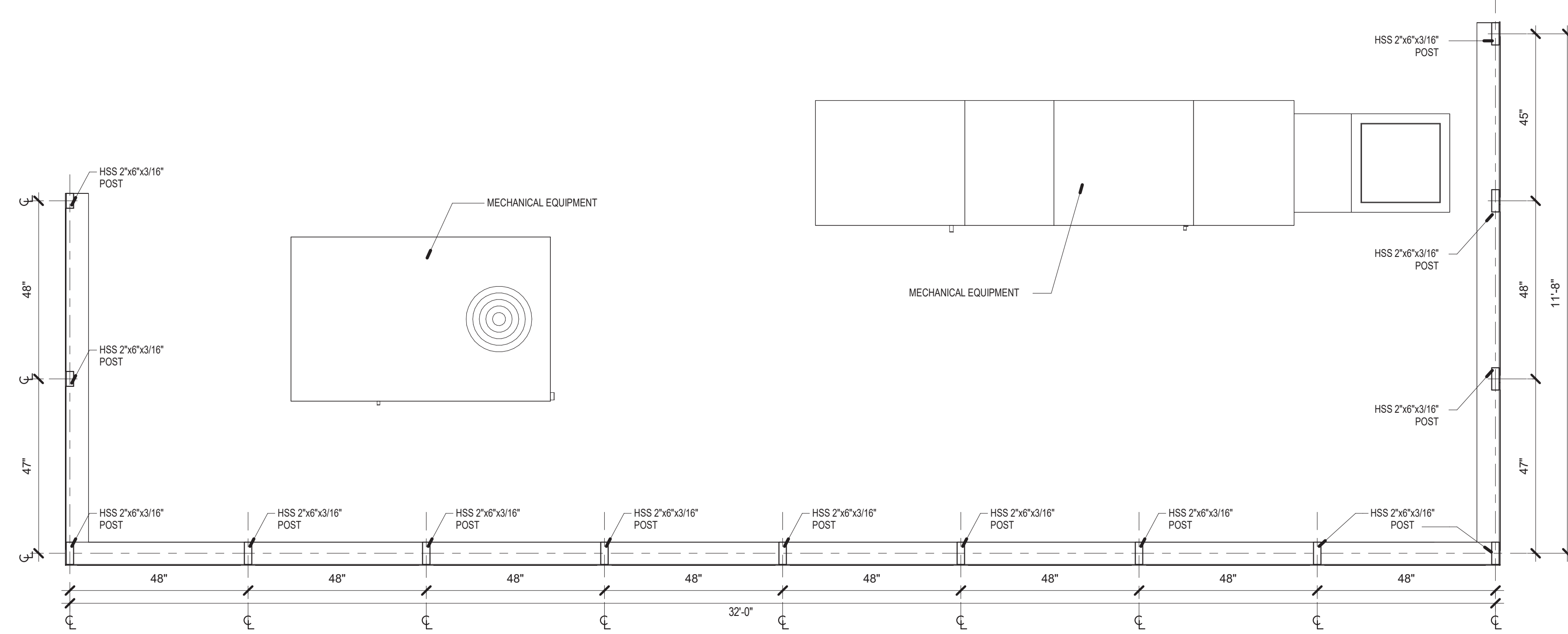
C1 MECHANICAL SCREEN WALL -
NORTH ELEVATION
1/2" = 1'-0"



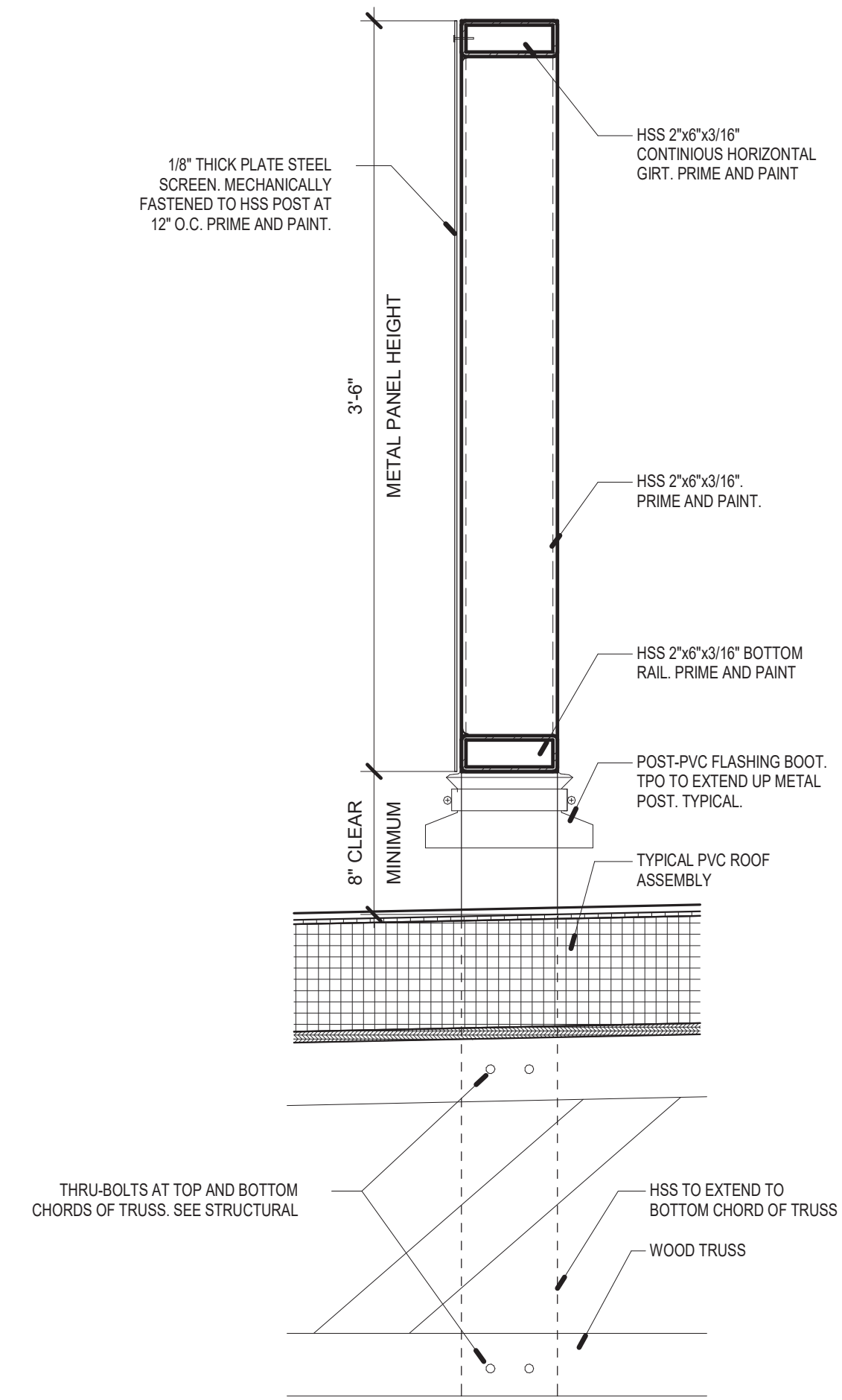
C3 MECHANICAL SCREEN WALL -
SOUTH ELEVATION
1/2" = 1'-0"



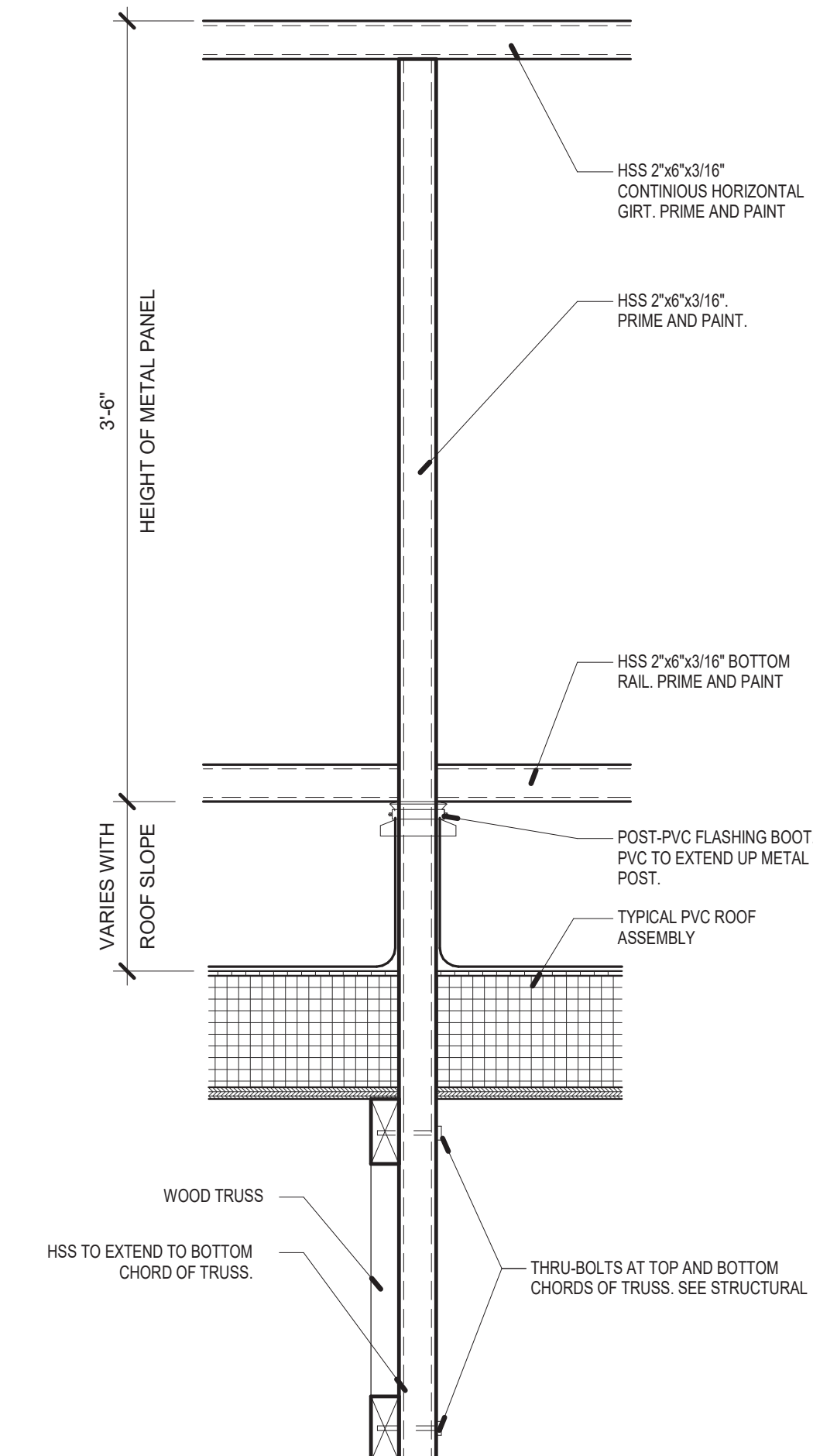
B1 MECHANICAL SCREEN WALL - EAST ELEVATION
1/2" = 1'-0"



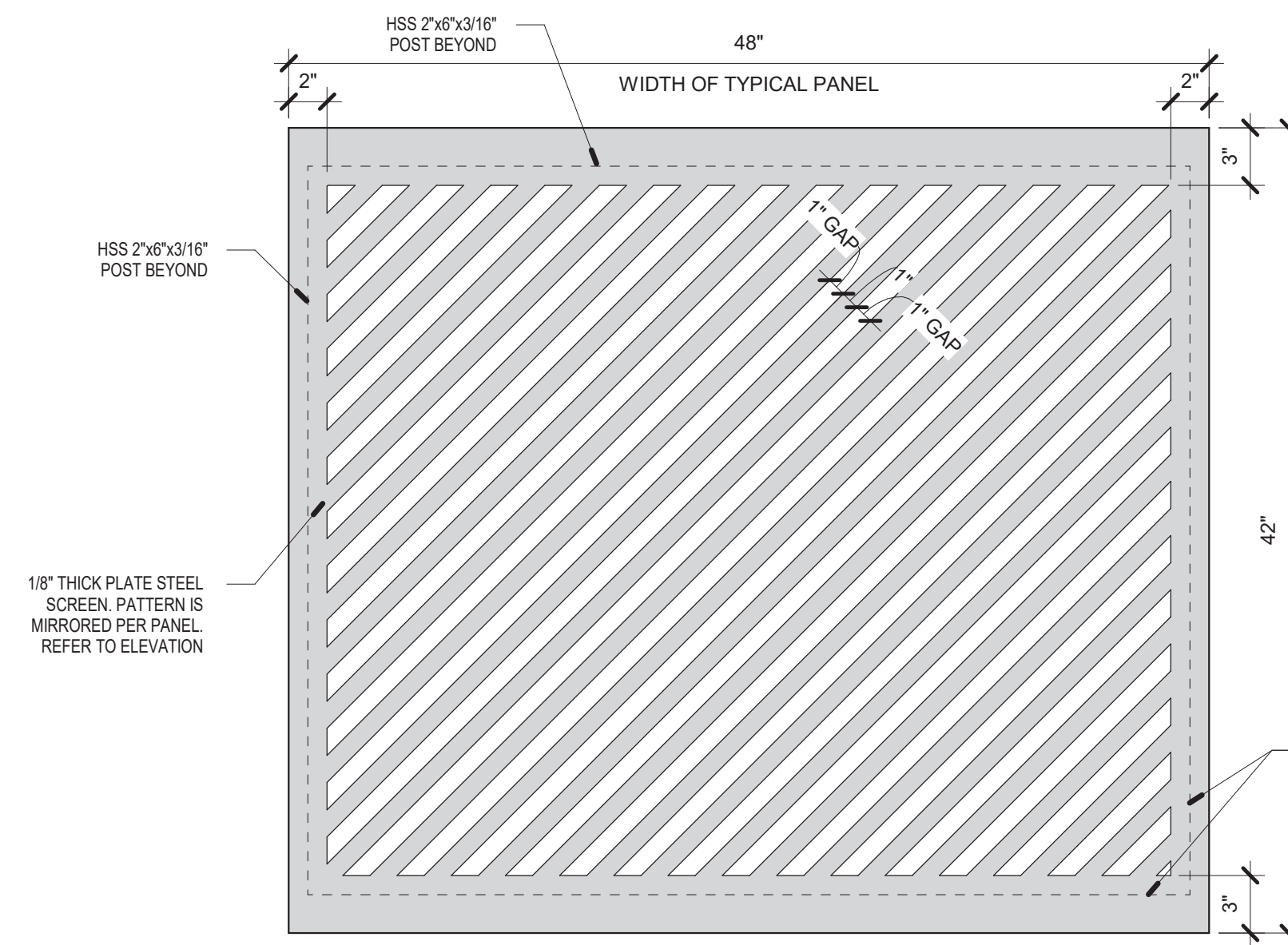
A1 MECHANICAL SCREEN WALL - PLAN
1/2" = 1'-0"



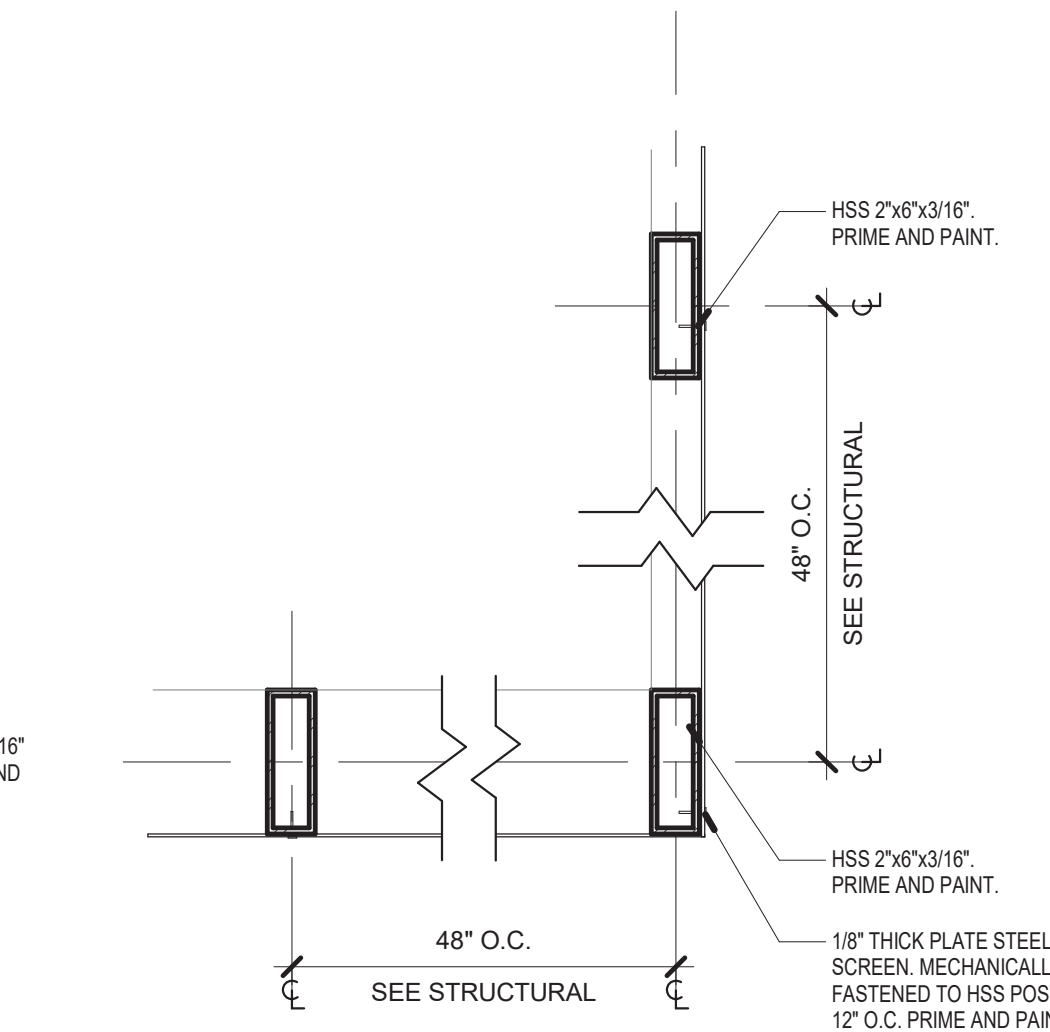
B5 SECTION DETAIL -
MECHANICAL SCREEN
1 1/2" = 1'-0"



B6 SECTION DETAIL -
MECHANICAL SCREEN
1 1/2" = 1'-0"



A5 TYPICAL PANEL - METAL
SCREEN ELEVATION
1 1/2" = 1'-0"



A6 PLAN DETAIL - MECHANICAL
SCREEN
1 1/2" = 1'-0"

| No | Date | Description |
|-------------------------------------|------|-------------|
| Revision Schedule | | |
| ISSUE: 100% CONSTRUCTION DOCUMENTS | | |
| PROJECT NUMBER: 2303 | | |
| FILE: SFC Abdon Lopez Senior Center | | |
| DRAWN BY: PS | | |
| CHECKED BY: LA | | |
| DATE: SEPT. 20, 2023 | | |

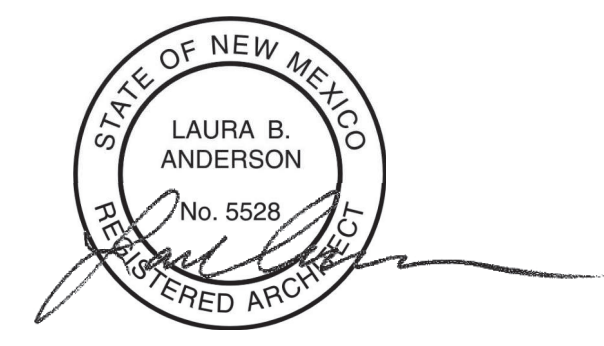
SHEET TITLE
ROOF DETAIL

9/21/2023 3:45:14 PM

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CONSULTANTS

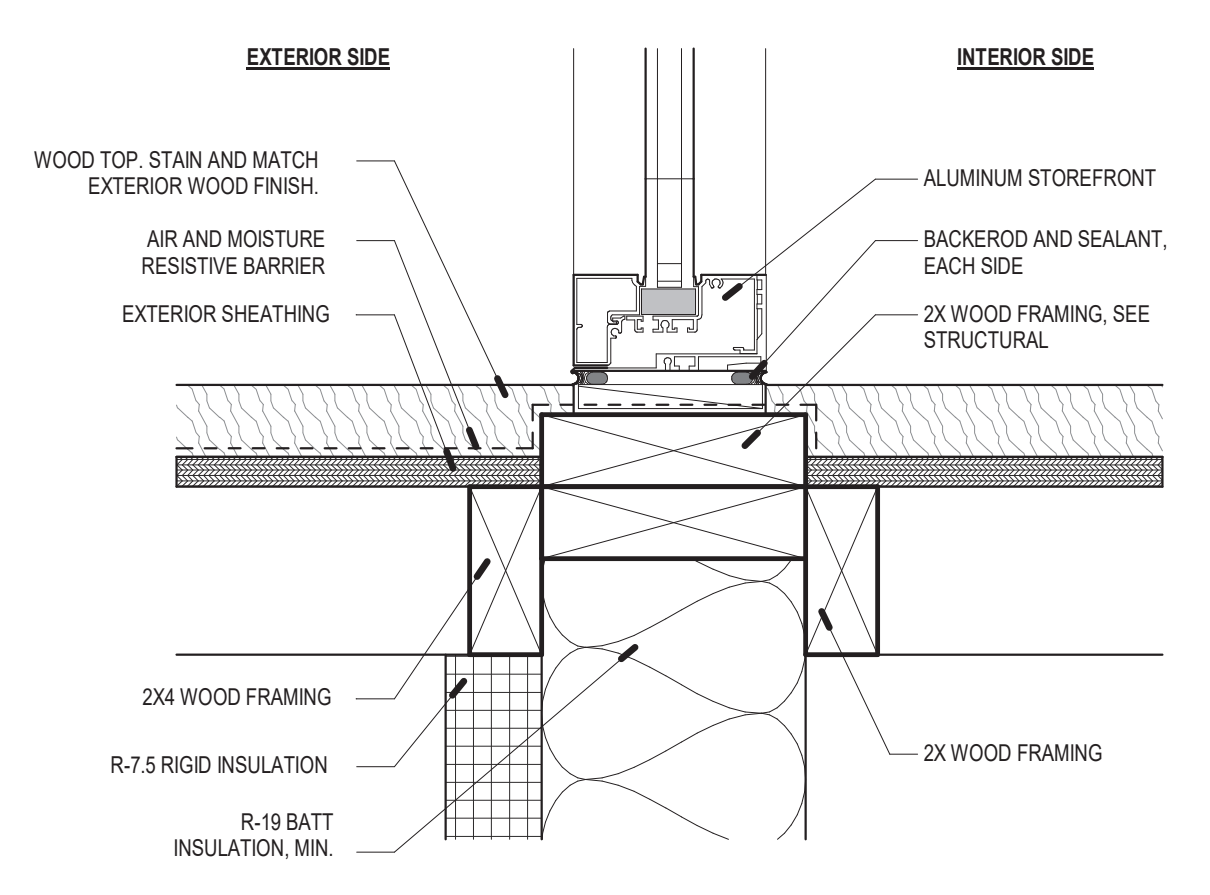
Architect Engineer



2023.09.21 16:08:22-06'07"

**SANTA FE COUNTY -
ABEDON LOPEZ SENIOR
CENTER**

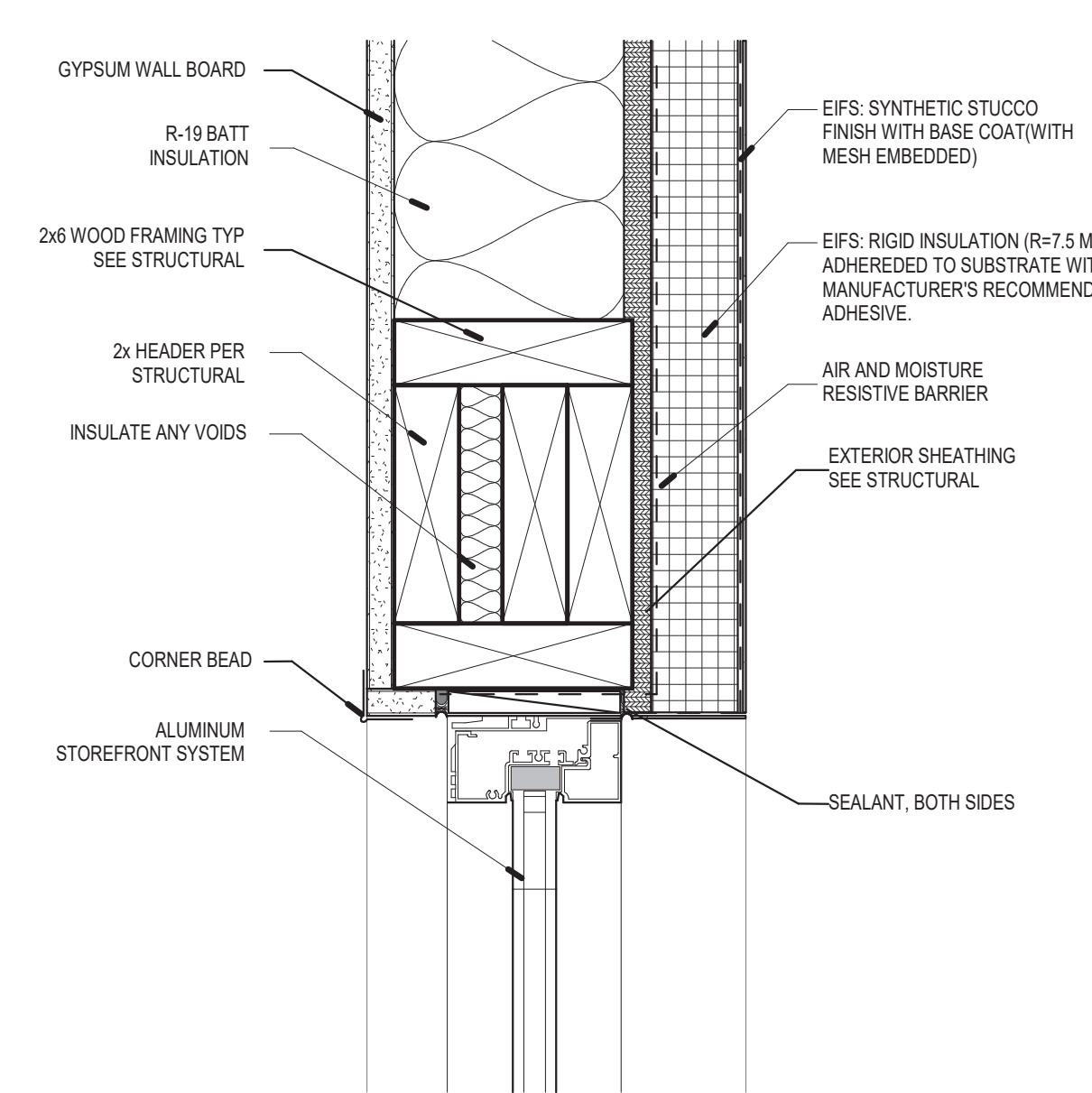
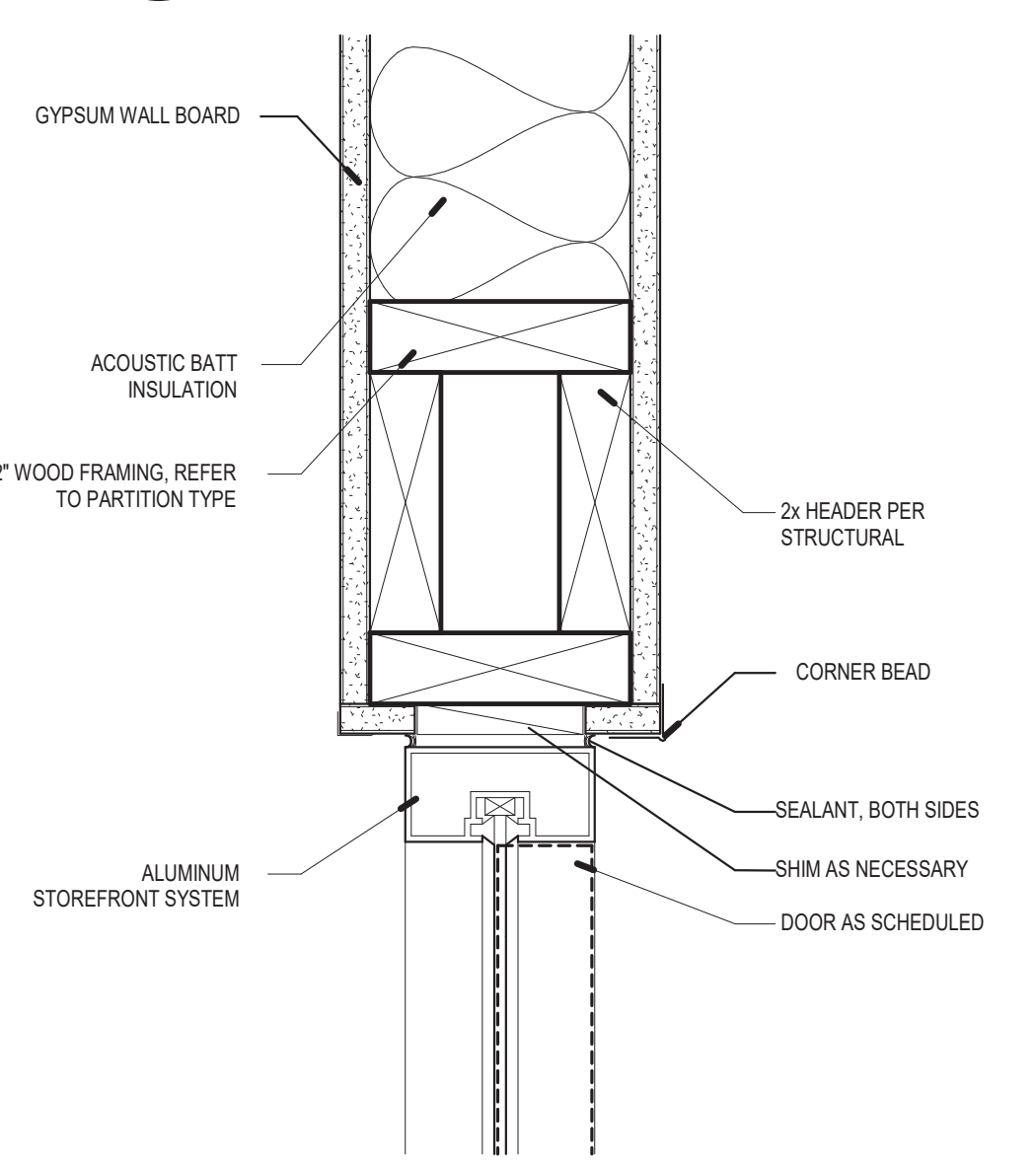
155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567



**SILL DETAIL - STOREFRONT
AT BANCO**

D6

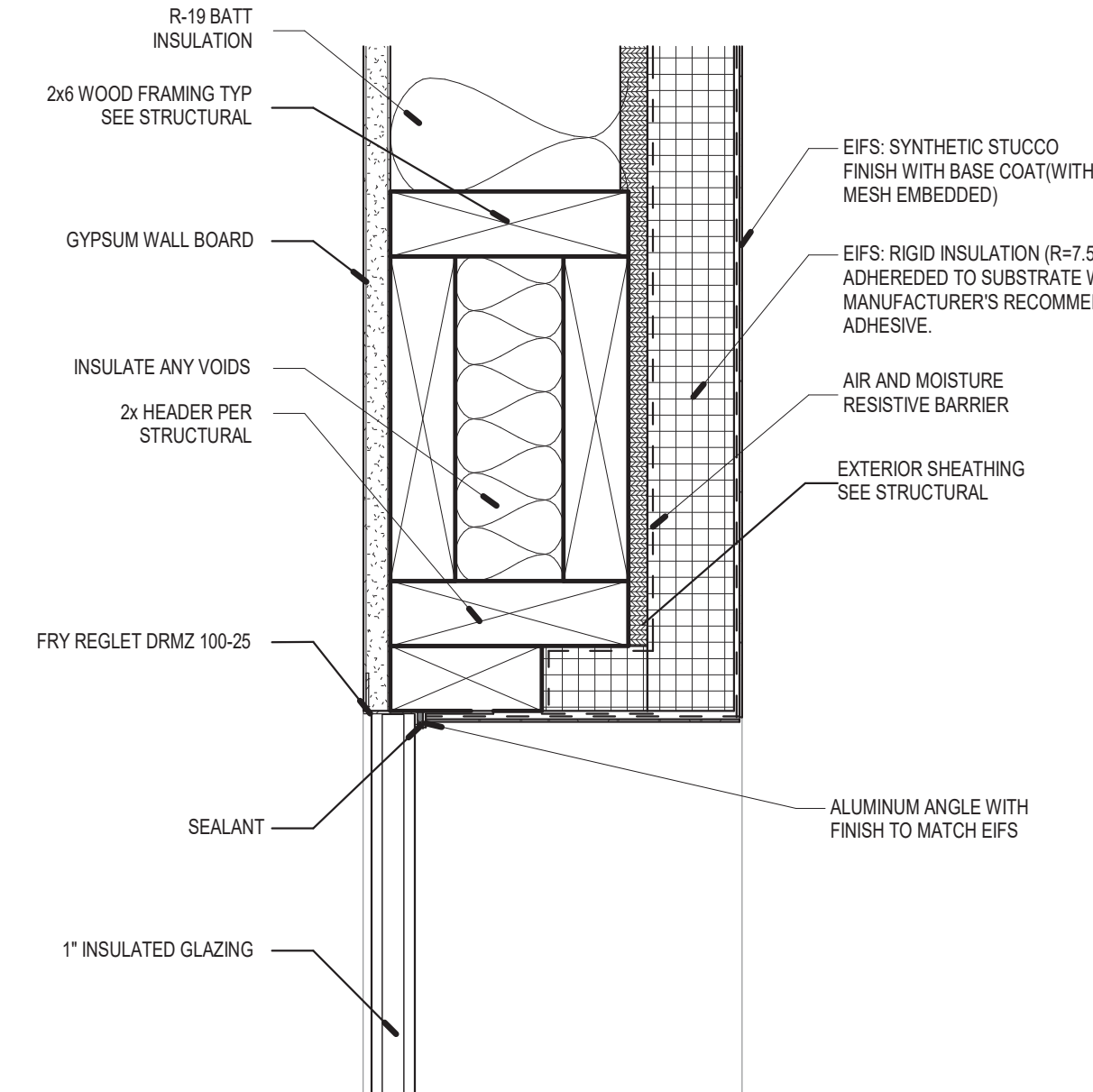
3" = 1'-0"



**HEAD DETAIL - TYPICAL
EXTERIOR STOREFRONT**

C1

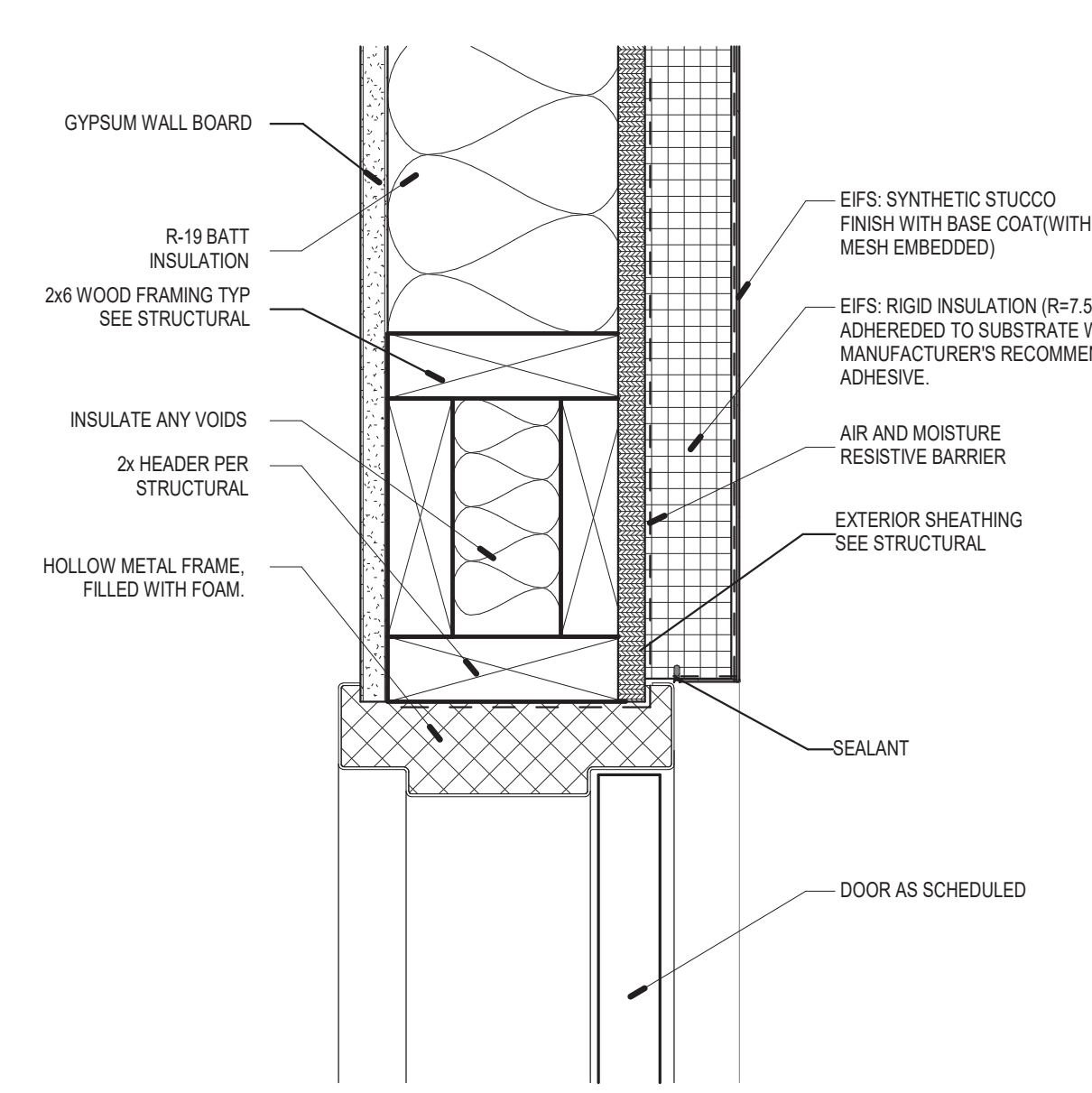
3" = 1'-0"



**HEAD DETAIL - SLOT WINDOW
(FRAMELESS)**

C2

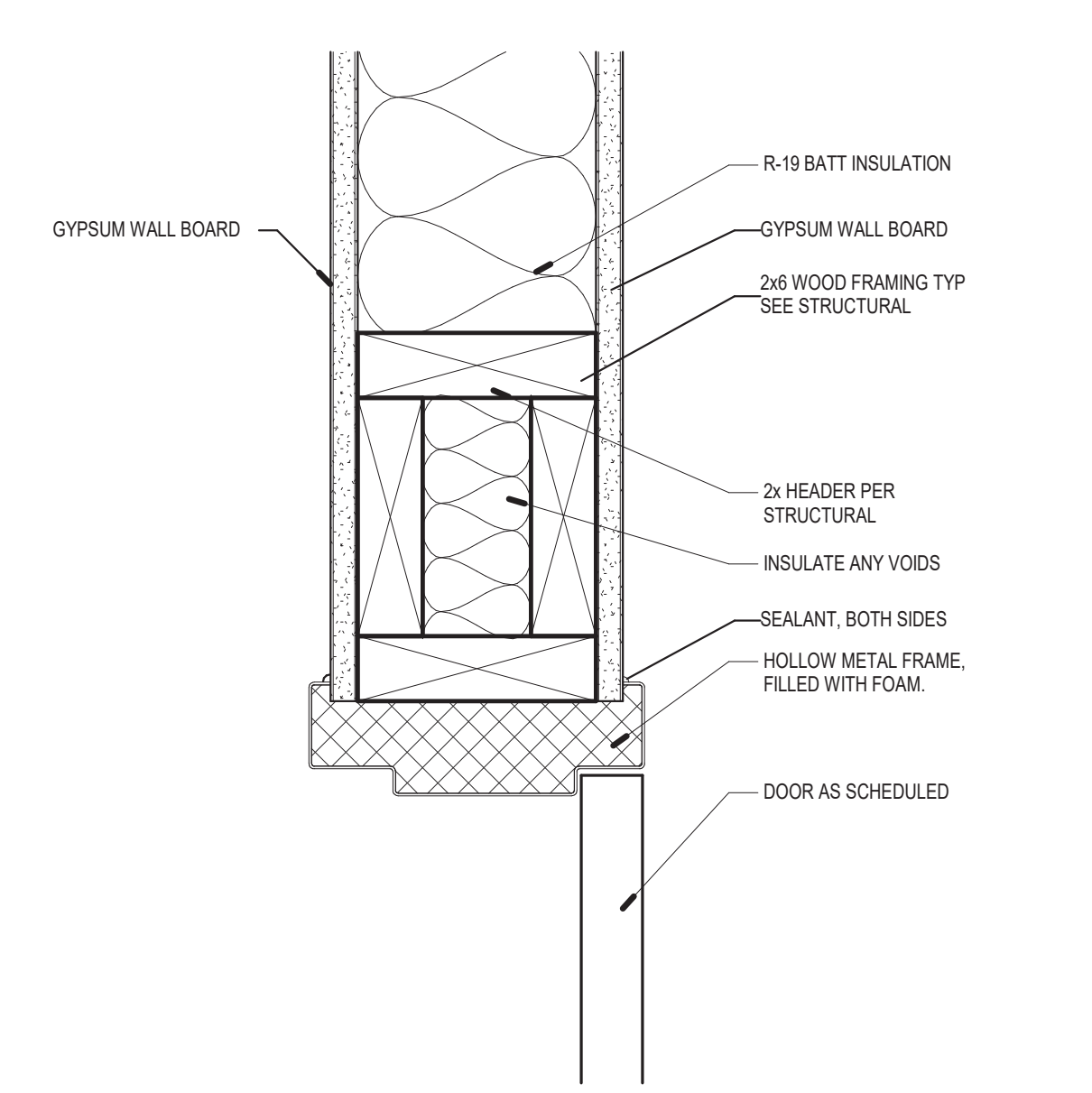
3" = 1'-0"



**HEAD DETAIL - EXTERIOR
HOLLOW METAL DOOR**

C4

3" = 1'-0"



**HEAD DETAIL - INTERIOR
HOLLOW METAL DOOR**

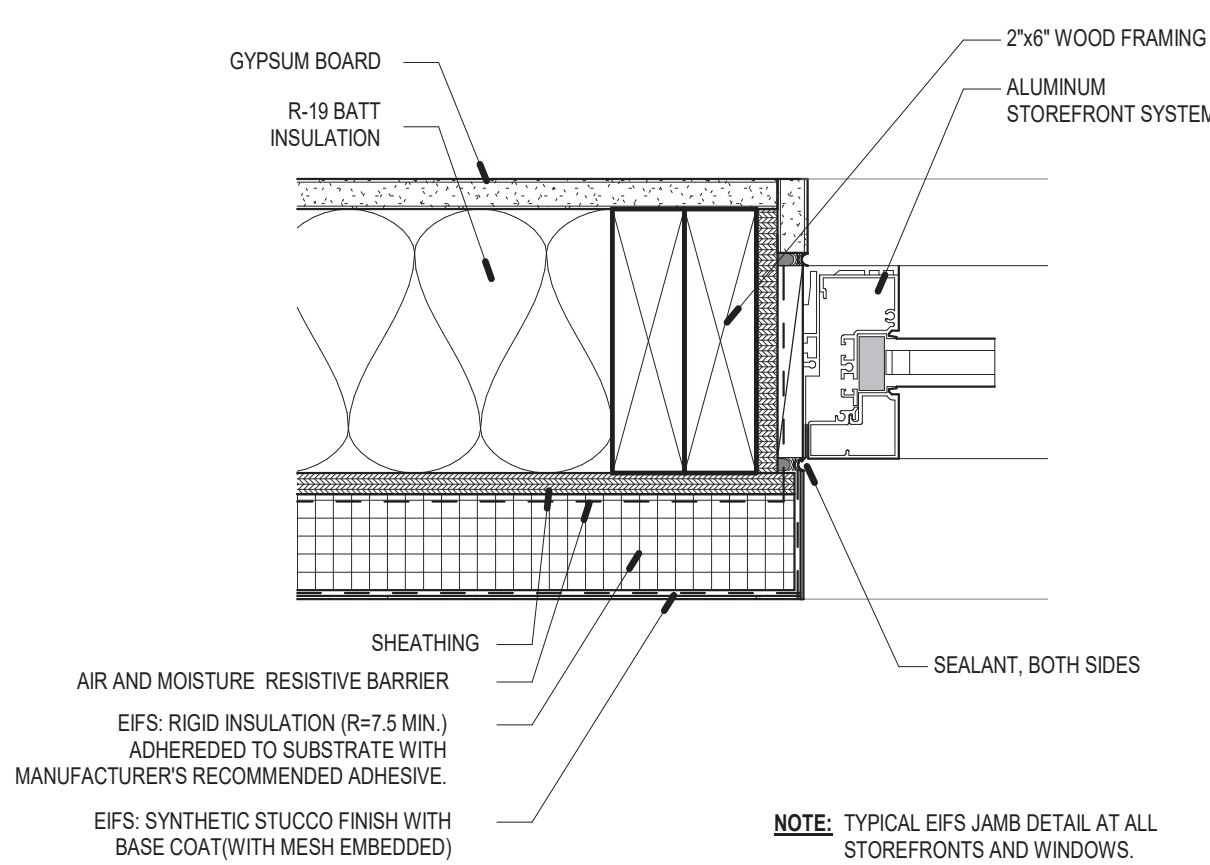
C5

3" = 1'-0"

**HEAD DETAIL - TYPICAL
INTERIOR STOREFRONT**

C6

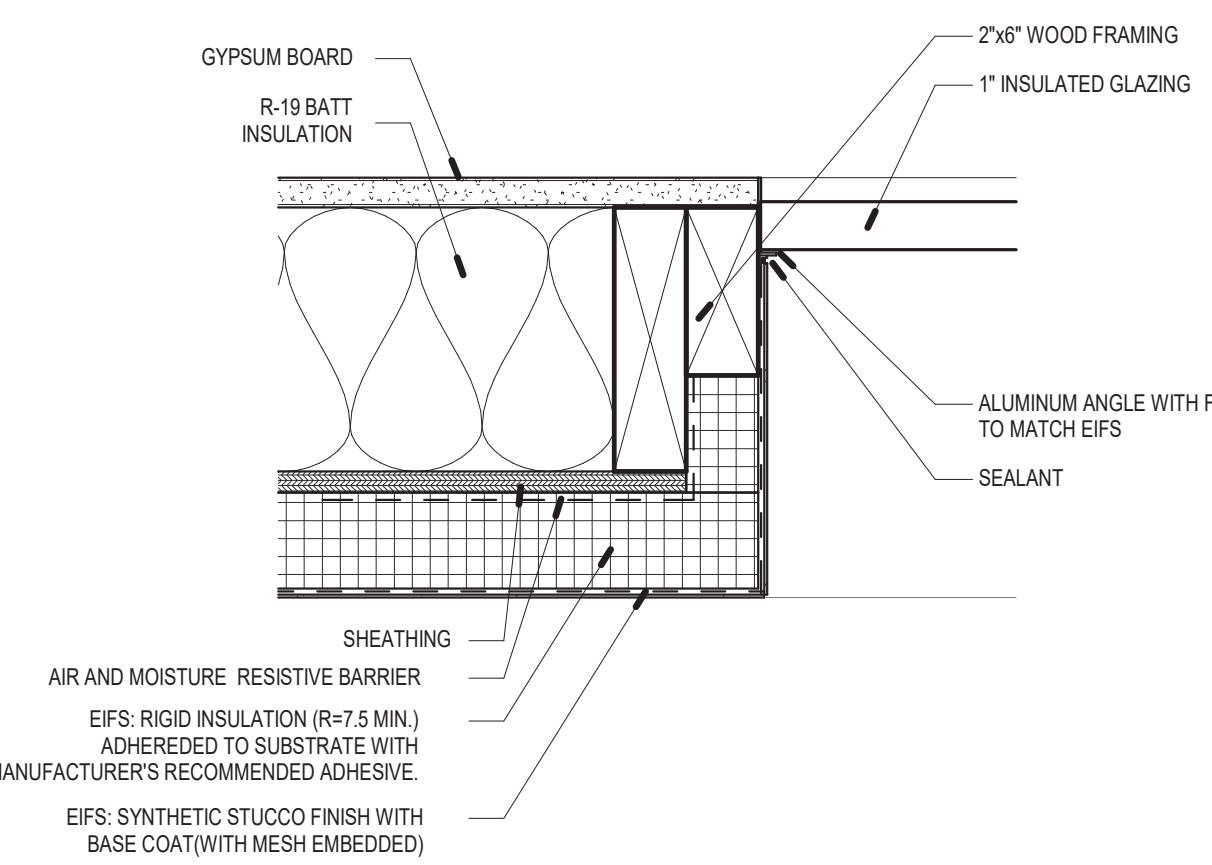
3" = 1'-0"



**JAMB DETAIL - TYPICAL
EXTERIOR STOREFRONT**

B1

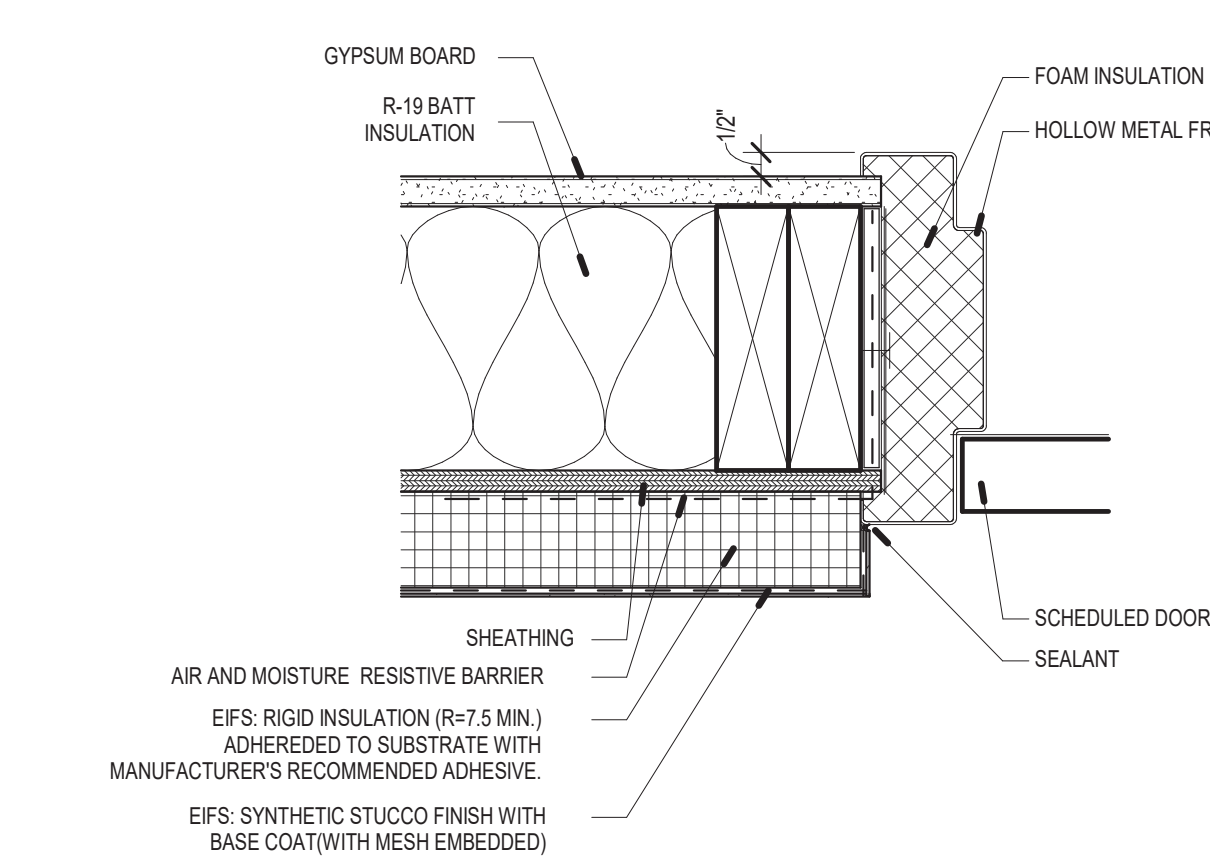
3" = 1'-0"



**JAMB DETAIL - SLOT WINDOW
(FRAMELESS)**

B2

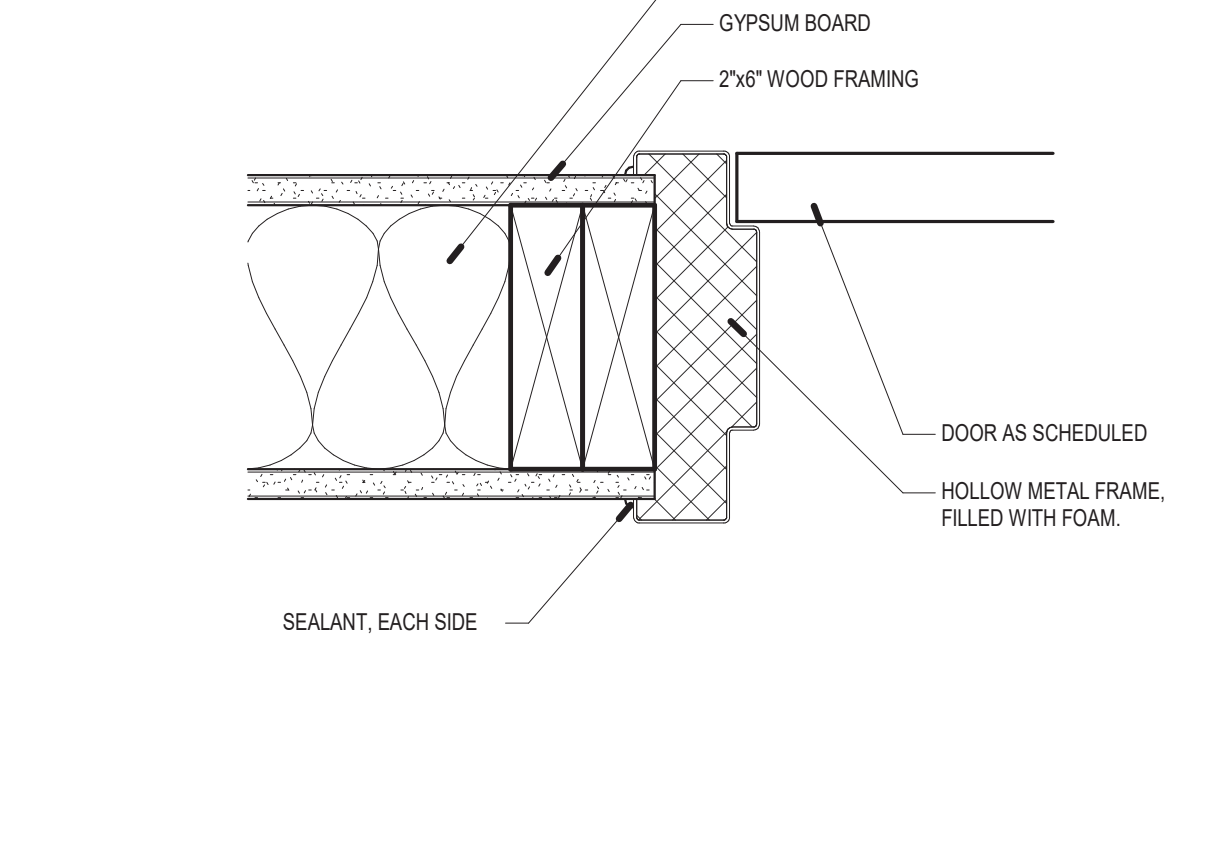
3" = 1'-0"



**JAMB DETAIL - EXTERIOR
HOLLOW METAL DOOR**

B4

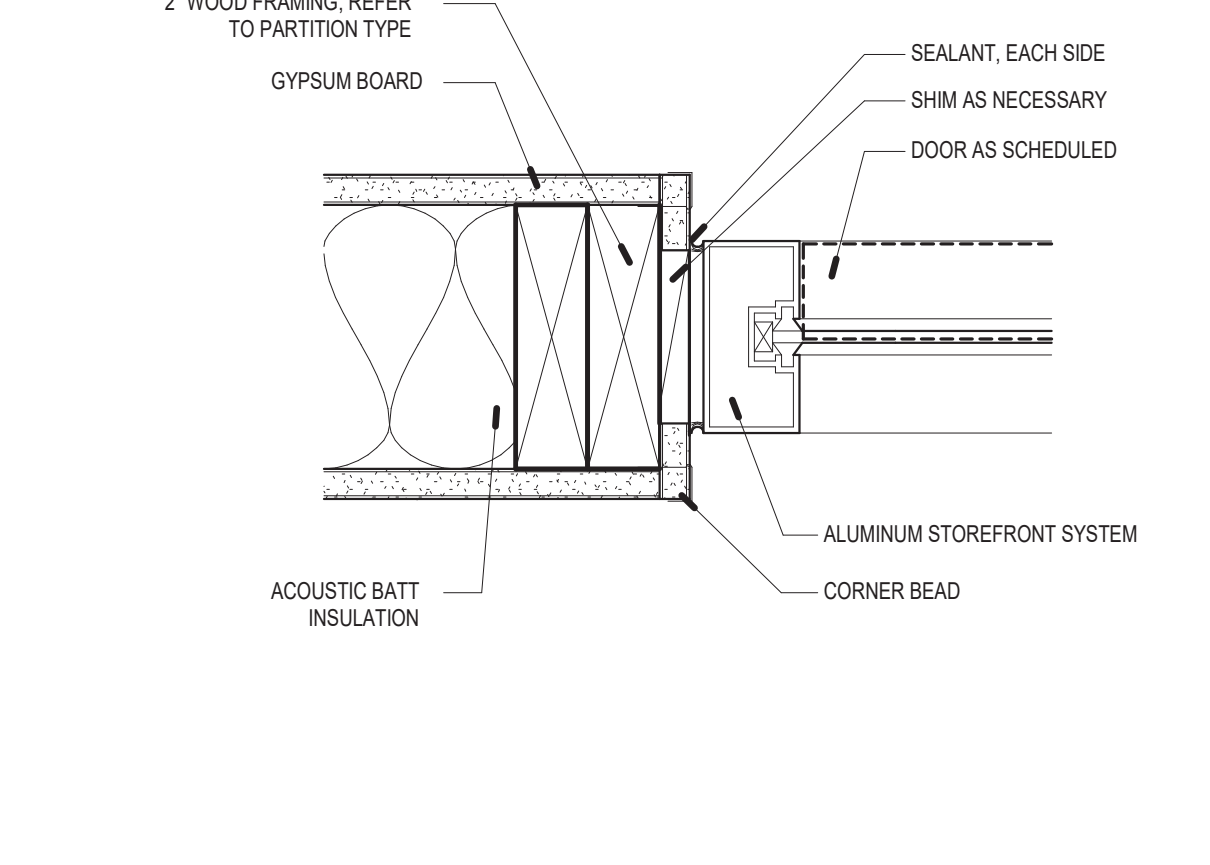
3" = 1'-0"



**JAMB DETAIL - INTERIOR
HOLLOW METAL DOOR**

B5

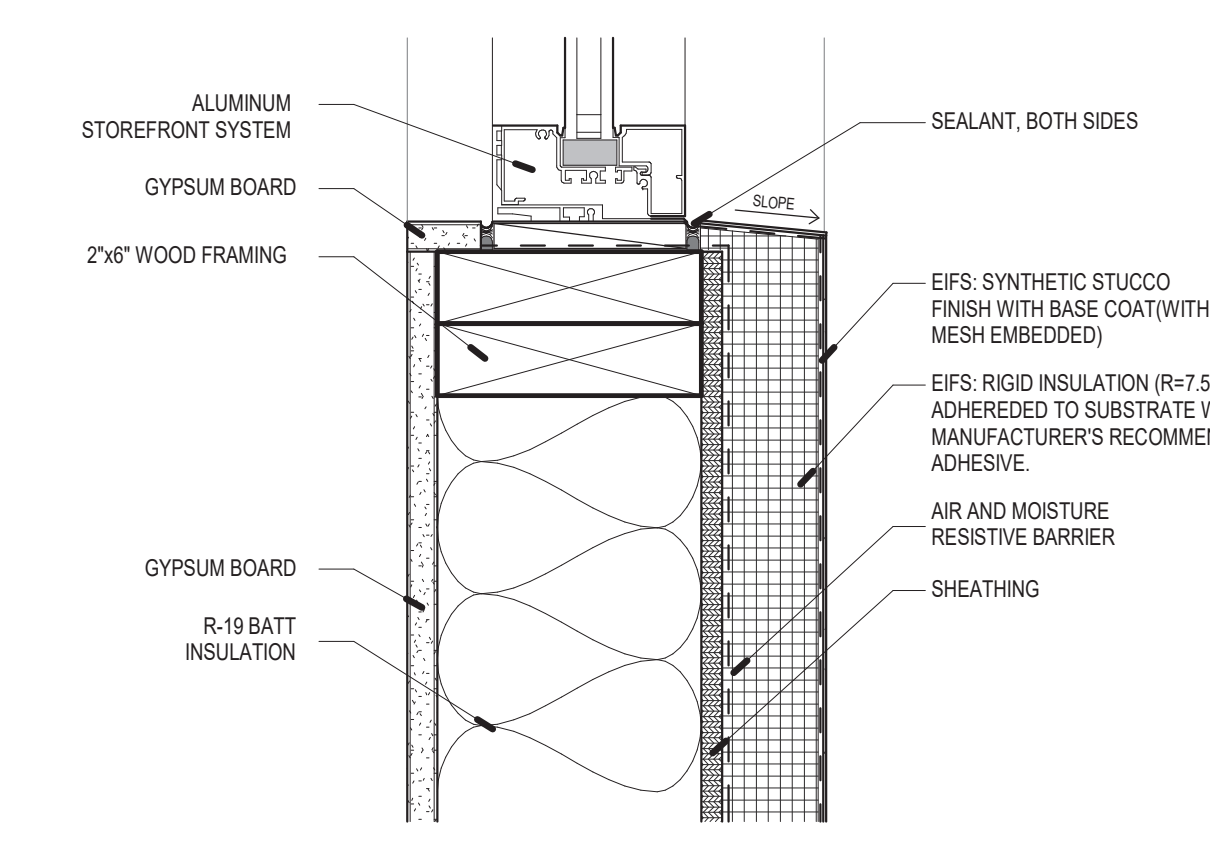
3" = 1'-0"



**JAMB DETAIL - TYPICAL
INTERIOR STOREFRONT**

B6

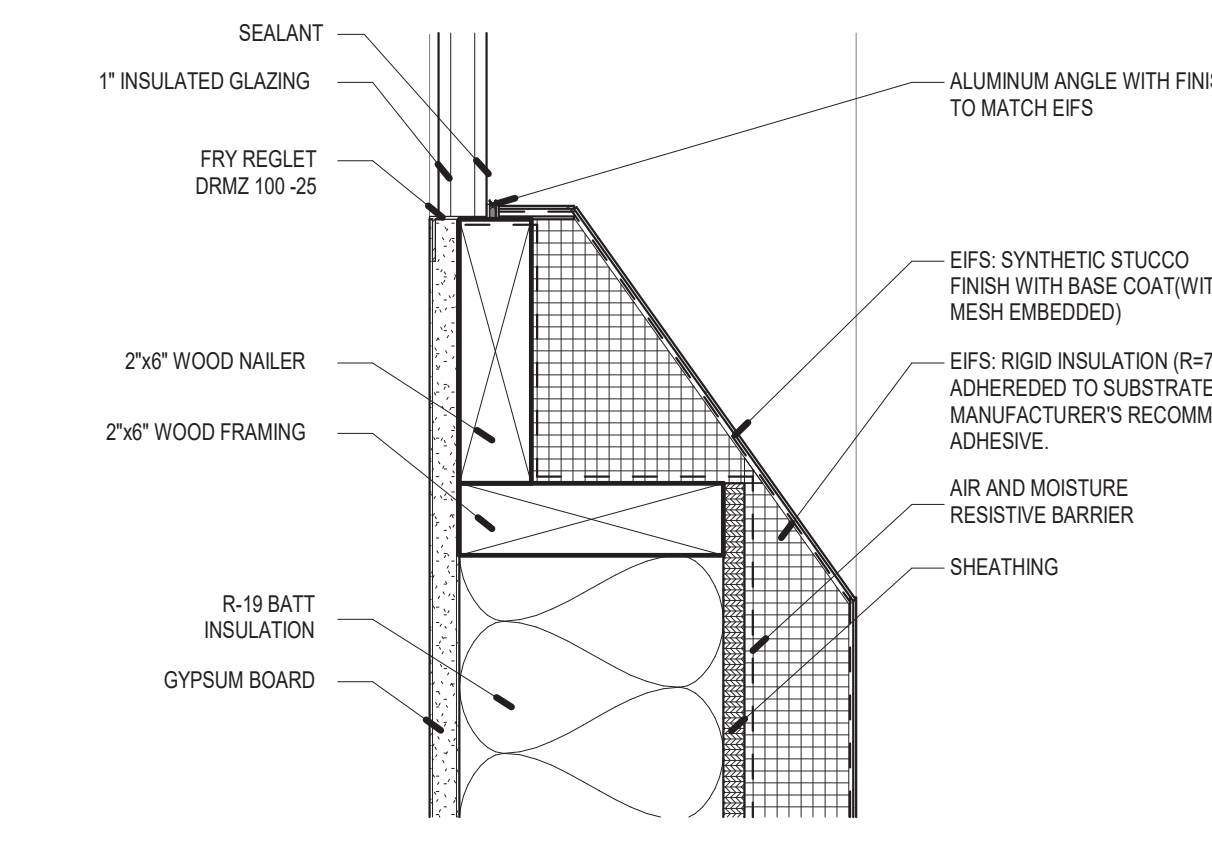
3" = 1'-0"



**SILL DETAIL - TYPICAL
EXTERIOR STOREFRONT**

A1

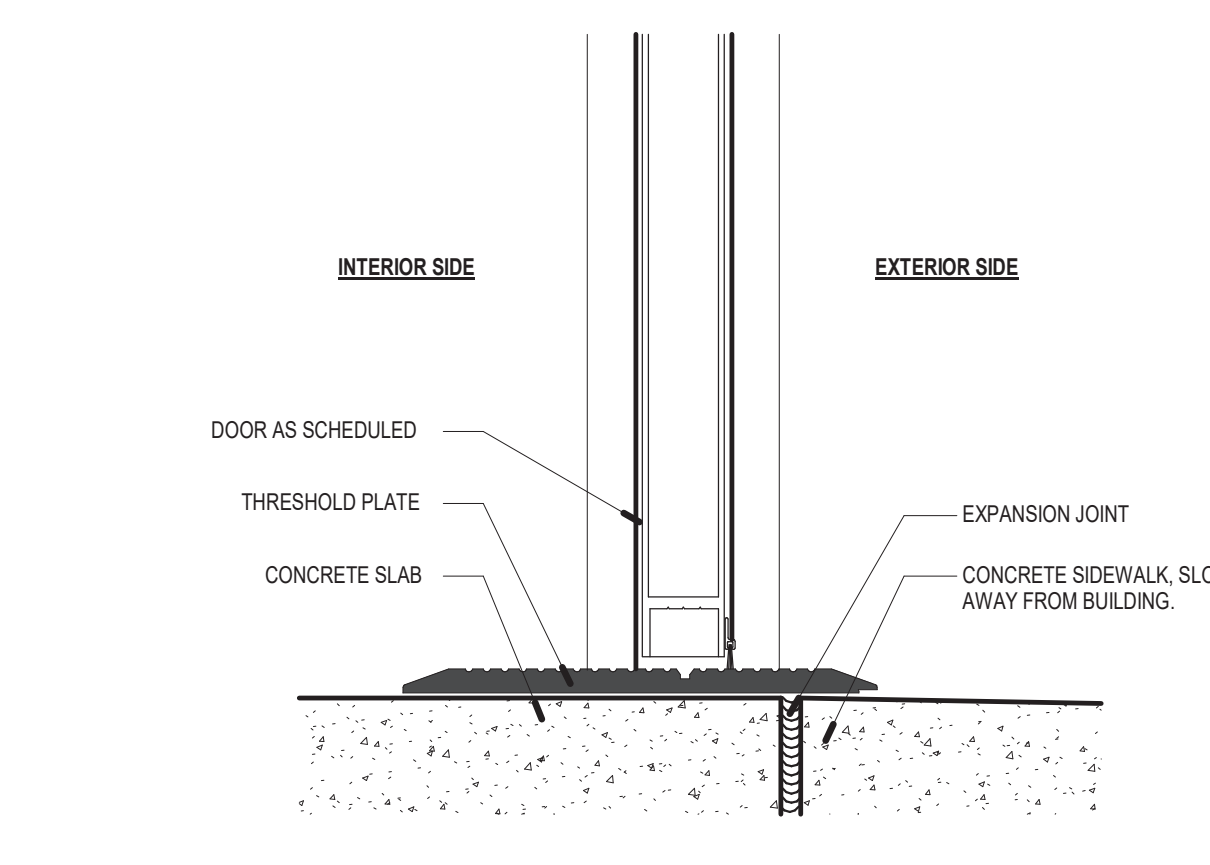
3" = 1'-0"



**SILL DETAIL - SLOT WINDOW
(FRAMELESS)**

A2

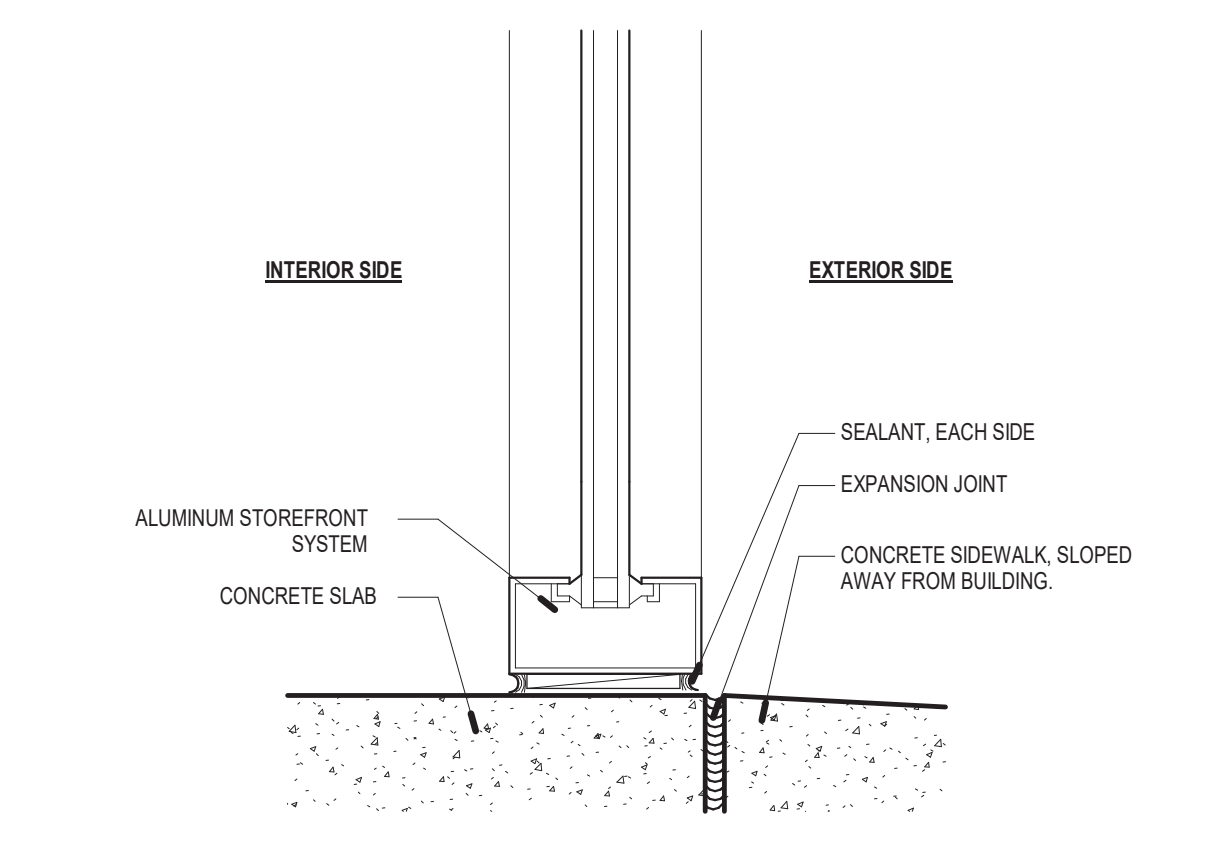
3" = 1'-0"



**DETAIL - EXTERIOR HOLLOW
METAL THRESHOLD**

A4

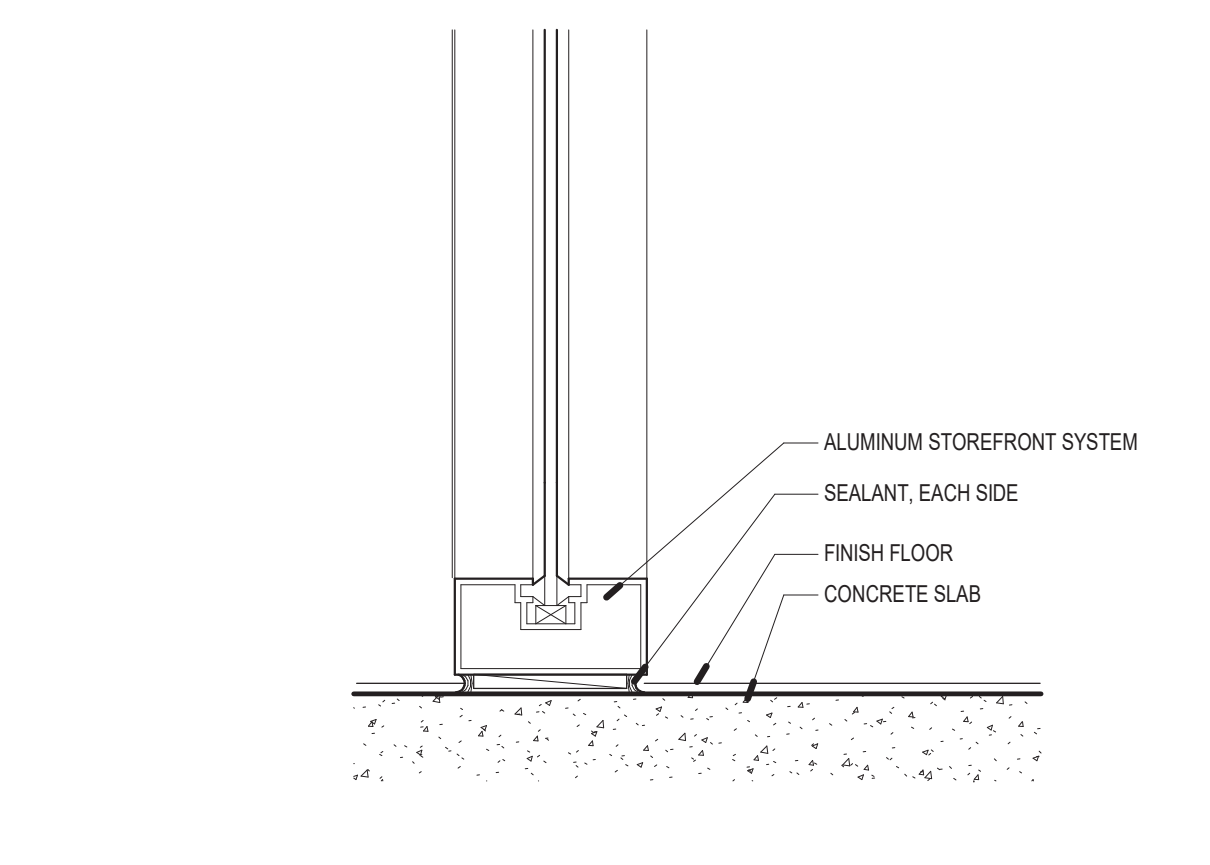
3" = 1'-0"



**SILL DETAIL - EXTERIOR
STOREFRONT AT PAVING**

A5

3" = 1'-0"



**SILL DETAIL - TYPICAL
INTERIOR STOREFRONT**

A6

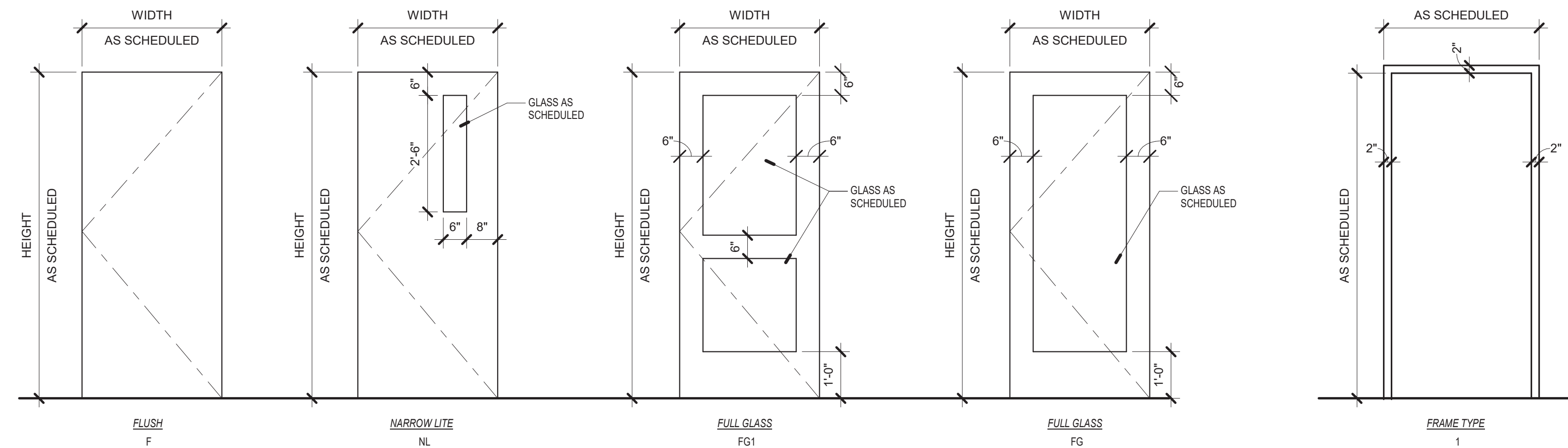
3" = 1'-0"

| No | Date | Description |
|-------------------|------|-------------|
| Revision Schedule | | |

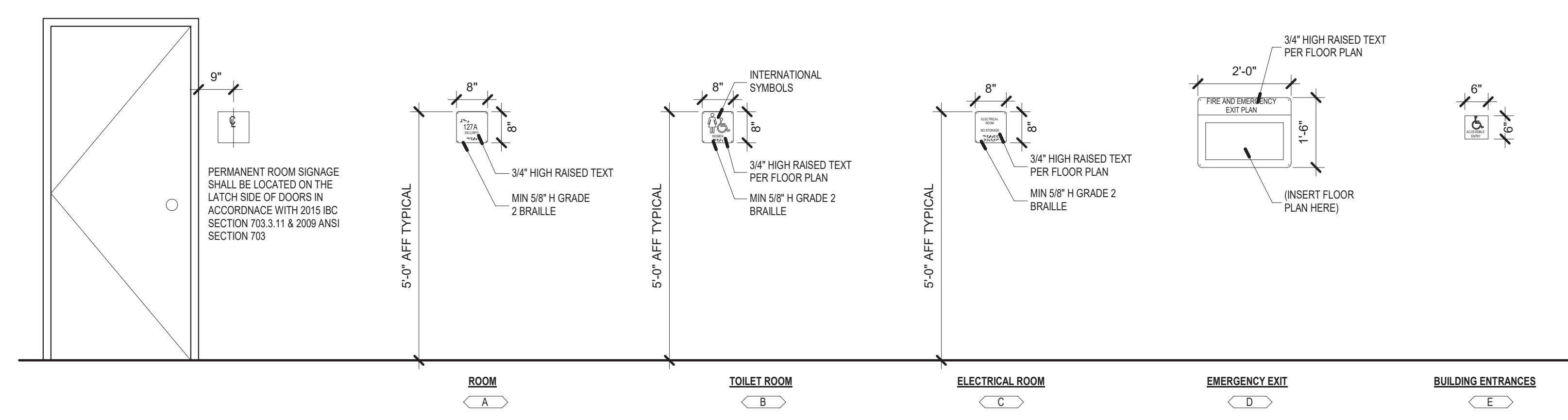
| | |
|-----------------|------------------------------------|
| ISSUE: | 100% CONSTRUCTION DOCUMENTS |
| PROJECT NUMBER: | 2303 |
| FILE: | SFC Abdon Lopez Senior Center |
| DRAWN BY: | PS |
| CHECKED BY: | LA |
| DATE: | SEPT. 20, 2023 |

SHEET TITLE
**DOOR & WINDOW
DETAILS**

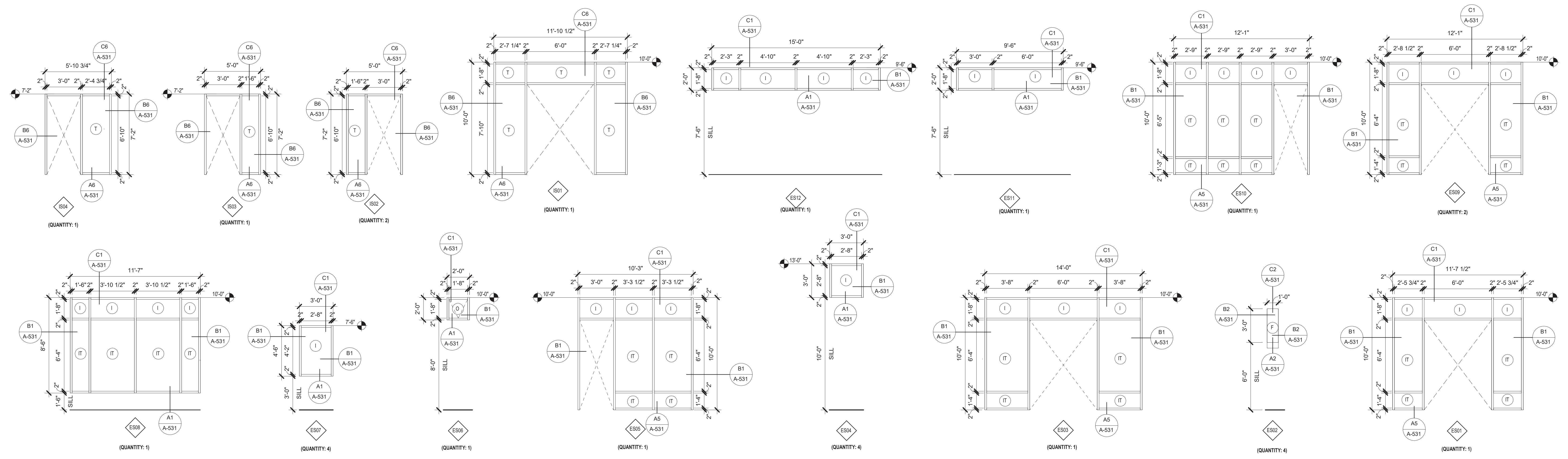
| DOOR # | DOOR | | | | | | FRAME | | | | COMMENTS |
|--------|-------|--------|-----------|------|----------|--------|------------|------------|----------|--------|----------|
| | WIDTH | HEIGHT | THICKNESS | TYPE | MATERIAL | FINISH | GLASS TYPE | GLASS TYPE | MATERIAL | FINISH | |
| A-100A | 6'-0" | 8'-0" | 1 3/4" | FG1 | ALUM | ANOD | IT | ES01 | ALUM | ANOD | |
| A-100B | 6'-0" | 8'-0" | 1 3/4" | FG1 | ALUM | ANOD | IT | ES01 | ALUM | ANOD | |
| A-102A | 6'-0" | 8'-0" | 1 3/4" | FG1 | ALUM | ANOD | IT | ES09 | ALUM | ANOD | |
| A-102B | 6'-0" | 8'-0" | 1 3/4" | FG1 | ALUM | ANOD | IT | ES09 | ALUM | ANOD | |
| A-102C | 3'-0" | 8'-0" | 1 3/4" | FG1 | ALUM | ANOD | IT | ES10 | ALUM | ANOD | |
| A-103A | 3'-0" | 7'-0" | 1 3/4" | F | WD | CCF | N/A | 1 | HM | PAINT | |
| A-103B | 3'-0" | 7'-0" | 1 3/4" | NL | HM | PAINT | IT | 1 | HM | PAINT | |
| A-104 | 3'-0" | 7'-0" | 1 3/4" | F | WD | CCF | N/A | 1 | HM | PAINT | |
| A-105 | 2'-6" | 7'-0" | 1 3/4" | F | WD | CCF | N/A | 1 | HM | PAINT | |
| A-110 | 3'-0" | 7'-0" | 1 3/4" | FG | ALUM | ANOD | T | IS02 | ALUM | ANOD | |
| A-111 | 3'-0" | 7'-0" | 1 3/4" | F | WD | CCF | N/A | 1 | HM | PAINT | |
| A-112 | 3'-0" | 7'-0" | 1 3/4" | FG | ALUM | ANOD | T | IS02 | ALUM | ANOD | |
| A-113 | 3'-0" | 7'-0" | 1 3/4" | F | WD | CCF | N/A | 1 | HM | PAINT | |
| A-114 | 3'-0" | 7'-0" | 1 3/4" | FG | ALUM | ANOD | T | IS03 | ALUM | ANOD | |
| A-115 | 3'-0" | 7'-0" | 1 3/4" | F | WD | CCF | N/A | 1 | HM | PAINT | |
| A-116A | 3'-0" | 7'-0" | 1 3/4" | FG | ALUM | ANOD | T | IS04 | ALUM | ANOD | |
| A-116B | 3'-0" | 8'-0" | 1 3/4" | FG1 | ALUM | ANOD | IT | ES05 | ALUM | ANOD | |
| A-116C | 6'-0" | 8'-0" | 1 3/4" | FG1 | ALUM | ANOD | IT | ES03 | ALUM | ANOD | |
| A-117 | 3'-0" | 7'-0" | 1 3/4" | F | WD | CCF | N/A | 1 | HM | PAINT | |
| A-118 | 6'-0" | 7'-0" | 1 3/4" | F | HM | PAINT | N/A | 1 | HM | PAINT | |



D3 DOOR AND FRAME TYPES
1/2" = 1'-0"



C3 SIGN TYPES
1/2" = 1'-0"



GENERAL NOTES

- A. FIELD VERIFY ALL ROUGH OPENING DIMENSIONS PRIOR TO FABRICATION.
- B. COORDINATE ALL CRITICAL DIMENSIONS WITH MANUFACTURER.
- C. ALL DATUM HEIGHTS ARE ASSOCIATED WITH INTERIOR FIRST FLOOR LEVEL.
- D. ALL EXTERIOR STOREFRONT FRAMING SHALL HAVE THERMAL BREAK.
- E. ALL INTERIOR STOREFRONT GLAZING TO BE SINGLE PANE UNLESS NOTED OTHERWISE.

MATERIAL LEGEND

| SYMBOL | DESCRIPTION |
|--------|---|
| (I) | INSULATED GLAZING |
| (T) | TEMPERED GLAZING |
| (IT) | INSULATED TEMPERED GLAZING |
| (O) | OPERABLE WINDOW WITH TEMPERED GLAZING |
| (F) | INSULATED FRITTED GLAZING (40% OPACITY) |
| (Sx) | INTERIOR STOREFRONT |
| (ESx) | EXTERIOR STOREFRONT |

MATERIALS:

| ABBREVIATION ON SCHEDULE | DESCRIPTION |
|--------------------------|-------------------|
| ALUM | ALUMINUM |
| HM | HOLLOW METAL |
| ANOD | ANODIZED |
| CCF | CLEAR COAT FINISH |
| WD | WOOD |
| PT | PANT |

SIGN NOTES

- A. ALL SIGNS SHALL HAVE BOTH RAISED LETTERS AND BRAILLE MESSAGES. UPPERCASE CHARACTERS.
- B. ALL SIGNS SHALL COMPLY WITH ICC 1117.2 2009 CHAPTER 7.
- C. ALL BRAILLE COMPONENTS SHALL BE AN INTEGRAL PART OF THE SIGN APPLIED STRIPS ARE NOT ACCEPTABLE.
- D. COLORS SHALL BE AS SELECTED BY THE ARCHITECT.
- E. CONTRACTOR TO PROVIDE ROOM SIGNAGE PER SANTA FE COUNTY STANDARD.

CONSULTANTS

| Architect | Engineer |
|-----------|----------|
| | |



2023.09.21 16:08:23-06/07

SANTA FE COUNTY - ABEDON LOPEZ SENIOR CENTER

155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

| No | Date | Description |
|-------------------|------|-------------|
| Revision Schedule | | |
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| ISSUE: | 100% CONSTRUCTION DOCUMENTS |
| PROJECT NUMBER: | 2303 |
| FILE: | SFC Abdon Lopez Senior Center |
| DRAWN BY: | PS |
| CHECKED BY: | LA |
| DATE: | SEPT. 20, 2023 |

SHEET TITLE
DOOR SCHEDULE, DOOR AND FRAME TYPES, SIGN TYPES AND GLAZING ELEVATIONS

A-601

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| MATERIAL LEGEND | | | | | | | |
|--|---------------------------------|------------------------------|------------------------------|--------------------------|----------------------------|-----------------------|--|
| NOTE: VERIFY ALL INFORMATION ON THIS SCHEDULE WITH ARCHITECT | | | | | | | |
| FLOOR | | | | | | | |
| MARK | DESCRIPTION | MANUFACTURER* | STYLE | COLOR | FINISH | SIZE | COMMENTS |
| PC-1 | POLISHED CONCRETE 03 3543 | - | - | NO COLOR | GROUND TO EXPOSE AGGREGATE | - | - |
| SC-1 | SEALED CONCRETE 03 3000 | - | - | - | - | - | 5 COATS PER SEAL |
| CPT-1 | CARPET TILE 09 6813 | SHAW CONTRACT | ARRANGE TILE | 57294-94326 | - | 24"X24" | HERRINGBONE INSTALLATION |
| CPT-2 | CARPET TILE 09 6813 | SHAW CONTRACT | CHROMATONE TILE | 57444-07850 | - | 18" X 36" | HERRINGBONE INSTALLATION |
| LVT-1 | LUXURY VINYL TILE 09 6519 | ARMSTRONG | MONTANE KILMANJARO | S7252 | - | 6" X 48" X 0.1" THICK | SEE PLAN FOR LAYOUT AND ORIENTATION |
| CT-1 | CERAMIC TILE 09 3013 | DALTILE | MODERN HEARTH | MANTELPIECE MH05 | - | 12"X24" | - |
| FL-1 | SHEET VINYL 09 6516 | PROTECT-ALL | 231229 | DARK GRAY | MATTE | - | - |
| MW-1 | CARPET TILE WALK-OFF 09 6813 | SHAW CONTRACT | WELCOME II | BLACK CHOCOLATE 31751 | - | 24" X 24" | - |
| BASE | | | | | | | |
| MARK | DESCRIPTION | MANUFACTURER | STYLE | COLOR | FINISH | SIZE | COMMENTS |
| BT-1 | BASE TILE 09 3013 | DALTILE | MODERN HEARTH | MANTELPIECE MH05 | - | 4" HIGH | - |
| RB-1 | RUBBER BASE 09 6513 | ROPPEE | 4" COVE BASE | BLACK | - | 4" HIGH | - |
| WB-1 | SHEET VINYL BASE 09 6516 | PROTECT-ALL | - | - | - | 6" HIGH | WELD TO FLOOR AT TRANSITIONS. PROVIDE BLOCKING AT TERMINATION BAR. |
| CEILINGS, WALLS | | | | | | | |
| MARK | DESCRIPTION | MANUFACTURER | STYLE | COLOR | FINISH | SIZE | COMMENTS |
| ACT-1 | ACOUSTICAL CEILING TILE 09 9123 | ROCKFON | ARTIC SL | WHITE | - | 24" x 24" | - |
| ACT-2 | ACOUSTICAL CEILING TILE 09 9123 | USG | - | WHITE | VINYL FACE | 24" x 24" | - |
| TC-1 | ACOUSTICAL PANELS 09 8436 | ARMSTRONG BUILDING SOLUTIONS | TECTUM | NATURAL | - | 24" x 48" | PAINTED WHITE |
| WD-1 | EXPOSED WOOD 09 9123 | - | - | NATURAL | CLEAR SEALER | 6" x 48" | - |
| WT-1 | WALL TILE 09 3013 | DALTILE | MODERN HEARTH CHIMNEY CORNER | MH06 | MATTE | 3" x 12" | SEE ELEVATIONS FOR PATTERN |
| WT-2 | WALL TILE 09 3013 | DALTILE | FARRIER | EW | SATIN | 2.5" x 5" | - |
| PT-1 | PAIN - FIELD COLOR 09 9123 | SHERWIN WILLIAMS | EGRET WHITE | SW7570 | SATIN | - | - |
| PT-2 | PAIN - ACCENT COLOR 1 09 9123 | SHERWIN WILLIAMS | ALABASTER | SW 7088 | SATIN | - | - |
| PT-3 | PAIN - ACCENT COLOR 2 09 9123 | SHERWIN WILLIAMS | DIRECT GREEN | SW6924 | SATIN | - | - |
| PT-4 | PAIN - ACCENT COLOR 3 09 9123 | SHERWIN WILLIAMS | STOP | SW9869 | SATIN | - | - |
| FRP-1 | PLASTIC PANELING 09 8450 | - | MANUFACTURER'S STD. | WHITE | MANUFACTURER'S STD. | MANUFACTURER'S STD. | - |
| CASEWORK | | | | | | | |
| MARK | DESCRIPTION | MANUFACTURER | STYLE | COLOR | FINISH | SIZE | COMMENTS |
| PL-1 | PLASTIC LAMINATE 06 4116 | WILSONART | PINNACLE WALNUT | 7992-38 | FINE VELVET FINISH | - | SEE ELEVATIONS FOR LOCATIONS |
| SS-1 | SOLID SURFACE 12 3961.16 | - | SOLID SURFACE | DIAMOND DUST, LG H-MANGS | F3342 | - | - |
| MISCELLANEOUS | | | | | | | |
| MARK | DESCRIPTION | MANUFACTURER | STYLE | COLOR | FINISH | SIZE | COMMENTS |
| WB-1 | ACOUSTICAL WALL PANEL 09 8453 | - | - | - | - | 36"X48" 60"X48" | ALL CUT PANELS TO BE LOCATED IN CORNER OF ROOM |
| EXTERIOR | | | | | | | |
| MARK | DESCRIPTION | MANUFACTURER | STYLE | COLOR | FINISH | SIZE | COMMENTS |
| PT-5 | EXTERIOR PAINT (TBD) | - | - | TURQUOISE | SEMGLOSS | - | ALL EXTERIOR METAL FABRICATIONS |
| PT-6 | EXTERIOR PAINT (TBD) | - | - | VARIES | MATTE | - | EXPOSED PIPING CONDUIT AND ELECTRICAL GEAR TO MATCH SURROUNDING STUCCO |
| WD-2 | EXPOSED WOOD (TBD) | - | STAIN | - | CLEAR SEALER | - | ALL EXTERIOR EXPOSED WOODWORK |

* BASIS OF DESIGN, FOR REFERENCE ONLY. SEE SPECIFICATIONS FOR REQUIREMENTS

| ROOM FINISH SCHEDULE | | | | | | | | | |
|----------------------|----------------------|------|-------|--------------|--------------|--------------|--------------|----------------|----------|
| RM NO. | ROOM NAME | BASE | FLOOR | WALLS | | | | CEILING FINISH | COMMENTS |
| | | | | WALL NORTH | WALL EAST | WALL SOUTH | WALL WEST | | |
| A-100 | VESTIBULE | RB-1 | WM-1 | PT-2 | PT-2 | PT-2 | PT-2 | GYP. | |
| A-101 | LOBBY | RB-1 | PC-1 | PT-2 | PT-2 | PT-2 | PT-2 | WD-1 | |
| A-102 | DINING | RB-1 | LVT | PT-2 | PT-2 | PT-2 / WT-2 | PT-2 | WD-1 | |
| A-102b | DINING ENTRY | - | - | - | - | - | - | - | |
| A-103 | KITCHEN | WB-1 | FL-1 | FRP-1 / PT-2 | FRP-1 / PT-2 | FRP-1 / PT-2 | FRP-1 / PT-2 | ACT-2 | |
| A-104 | FURN. STORAGE | RB-1 | SC-1 | PT-2 | PT-2 | PT-2 | PT-2 | - | |
| A-105 | MOP SINK | WB-1 | FL-1 | FRP-1 / PT-2 | FRP-1 / PT-2 | FRP-1 / PT-2 | FRP-1 / PT-2 | GYP. | |
| A-106 | DRY STORAGE | WB-1 | FL-1 | FRP-1 / PT-2 | FRP-1 / PT-2 | FRP-1 / PT-2 | FRP-1 / PT-2 | ACT-2 | |
| A-107 | HALL | RB-1 | PC-1 | PT-1 | PT-1 | PT-1 | PT-1 | GYP. | |
| A-108 | ALCOVE | - | - | - | - | - | - | - | |
| A-110 | OFFICE | RB-1 | CPT-2 | PT-1 | PT-1 | PT-4 | PT-1 | ACT-1 | |
| A-111 | ELEC. / I.T. / MECH. | RB-1 | SC-1 | PLY-1 / PT-2 | PLY-1 / PT-2 | PLY-1 / PT-2 | PLY-1 / PT-2 | - | |
| A-112 | OFFICE | RB-1 | CPT-2 | PT-1 | PT-1 | PT-4 | PT-1 | ACT-1 | |
| A-113 | JANITOR | RB-1 | SC-1 | FRP-1 / PT-2 | FRP-1 / PT-2 | FRP-1 / PT-2 | FRP-1 / PT-2 | - | |
| A-114 | READING | RB-1 | CPT-1 | PT-1 | PT-1 | PT-1 | PT-3 | ACT-1 | |
| A-115 | MENS RESTROOM | WT-1 | CT-1 | WT-1 / PT-1 | WT-1 / PT-1 | WT-1 / PT-1 | WT-1 / PT-1 | GYP. | |
| A-116 | ACTIVITY | RB-1 | LVT-1 | PT-2 / WT-2 | PT-2 | PT-2 | PT-2 | TECTUM | |
| A-117 | WOMENS RESTROOM | WT-1 | CT-1 | WT-1 / PT-1 | WT-1 / PT-1 | WT-1 / PT-1 | WT-1 / PT-1 | GYP. | |
| A-118 | STORAGE | RB-1 | SC-1 | PT-2 | PT-2 | PT-2 | PT-2 | - | |

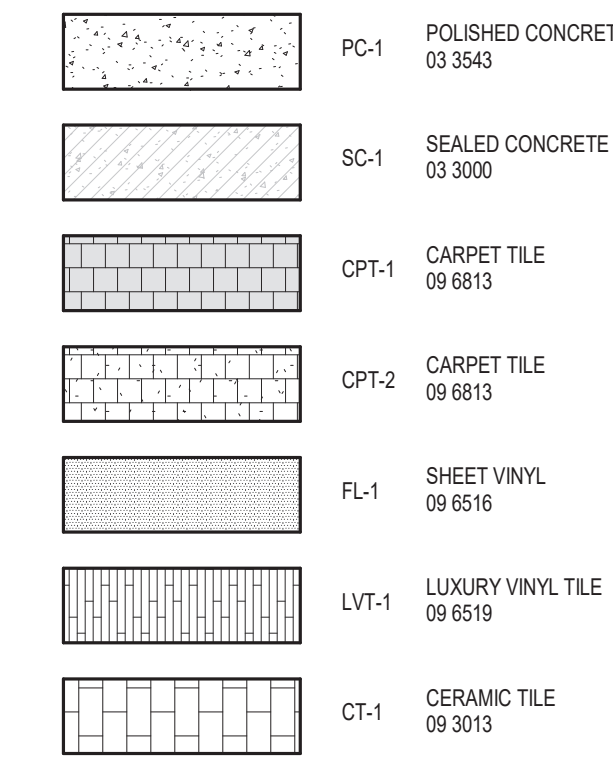
GENERAL NOTES

- A. COORDINATE WITH MECHANICAL, ELECTRICAL & PLUMBING.
- B. REFER TO OVERALL PLANS FOR INFORMATION NOT INDICATED IN ENLARGED PLANS.
- C. ALL INTERIOR FINISH MATERIALS TO COMPLY WITH FIRE RATINGS REQUIRED BY IBC TABLE 803.5.
- D. FIELD VERIFY ALL CRITICAL DIMENSIONS.
- E. HATCHED AREAS SHOW MATERIAL, FINISH LOCATION AND ORIENTATIONS ONLY FOR TILE SIZE, CARPET SIZE, COLOR AND MANUFACTURER. SEE MATERIAL FINISH SCHEDULE.
- F. PROVIDE DEMONSTRATION WALL OF EACH PAINT SPECIFIED FOR APPROVAL PRIOR TO INSTALLATION.
- G. GROUT LINES SHALL ALIGN AND BE SEALED IN ALL FLOOR AND WALL TILE APPLICATIONS PER MANUFACTURER'S RECOMMENDATION.

KEYED NOTES

- 1. OWNER PROVIDED FURNITURE, TYPICAL.
- 2. BANCO SEATING WITH WOOD CAP.
- 3. EXISTING LOOM, OWNER PROVIDED.
- 4. NEW KILN, OWNER PROVIDED.
- 5. PROVIDED TRANSITION STRIP.
- 6. SAW CUT FLOOR JOINT.
- 7. STAINLESS STEEL PANEL BEHIND KITCHEN HOOD. EXTEND PAST HOOD DIMENSION SHOWN.

LEGEND - MATERIALS

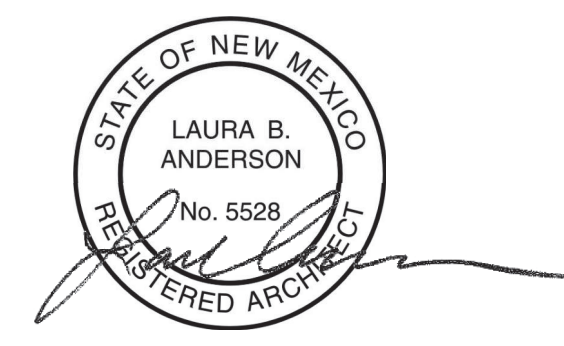


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Architect: _____ Engineer: _____



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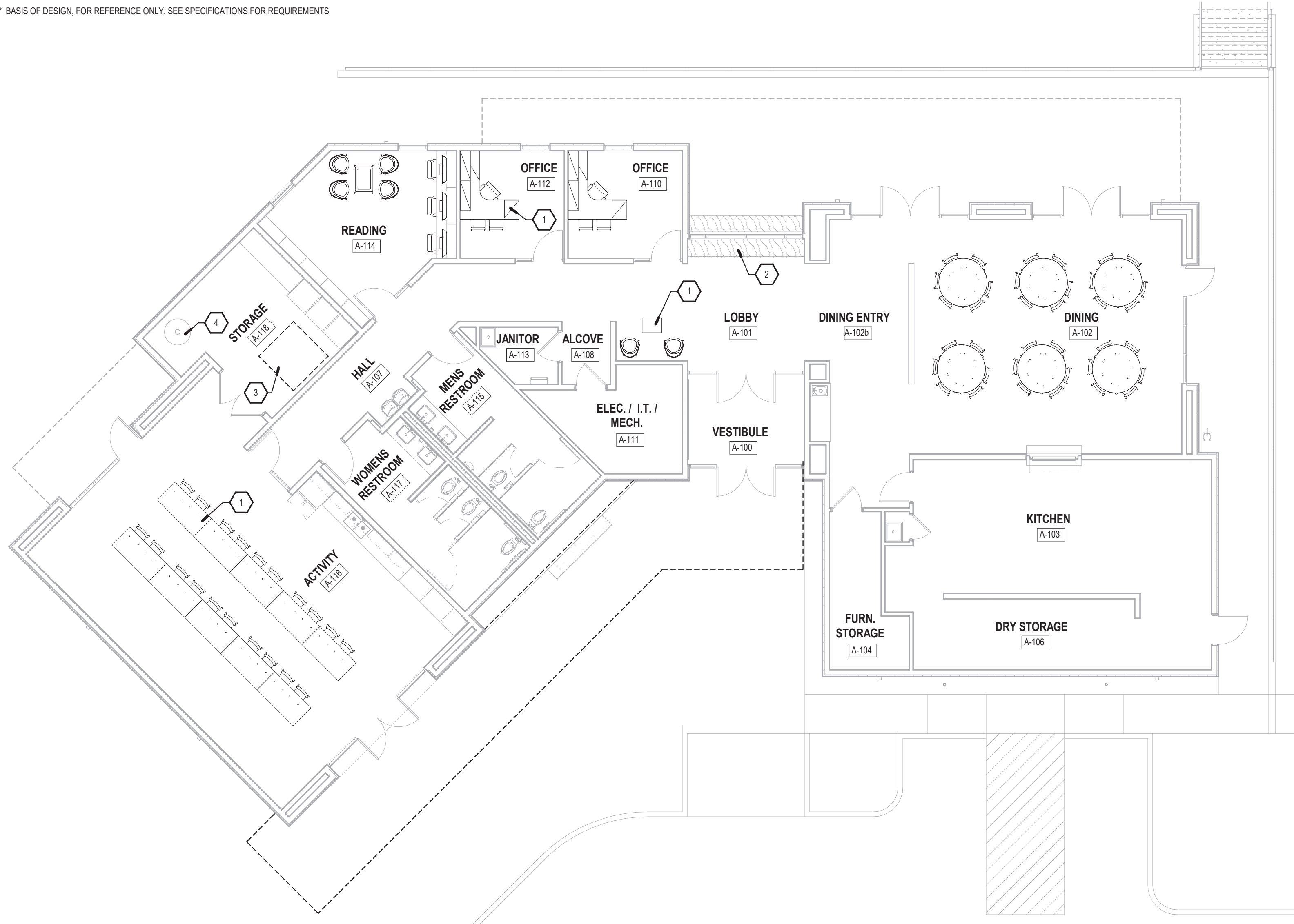
SANTA FE COUNTY -
ABEDON LOPEZ SENIOR
CENTER

155A CAMINO DE QUINTANA
SANTA CRUZ, NM 87567

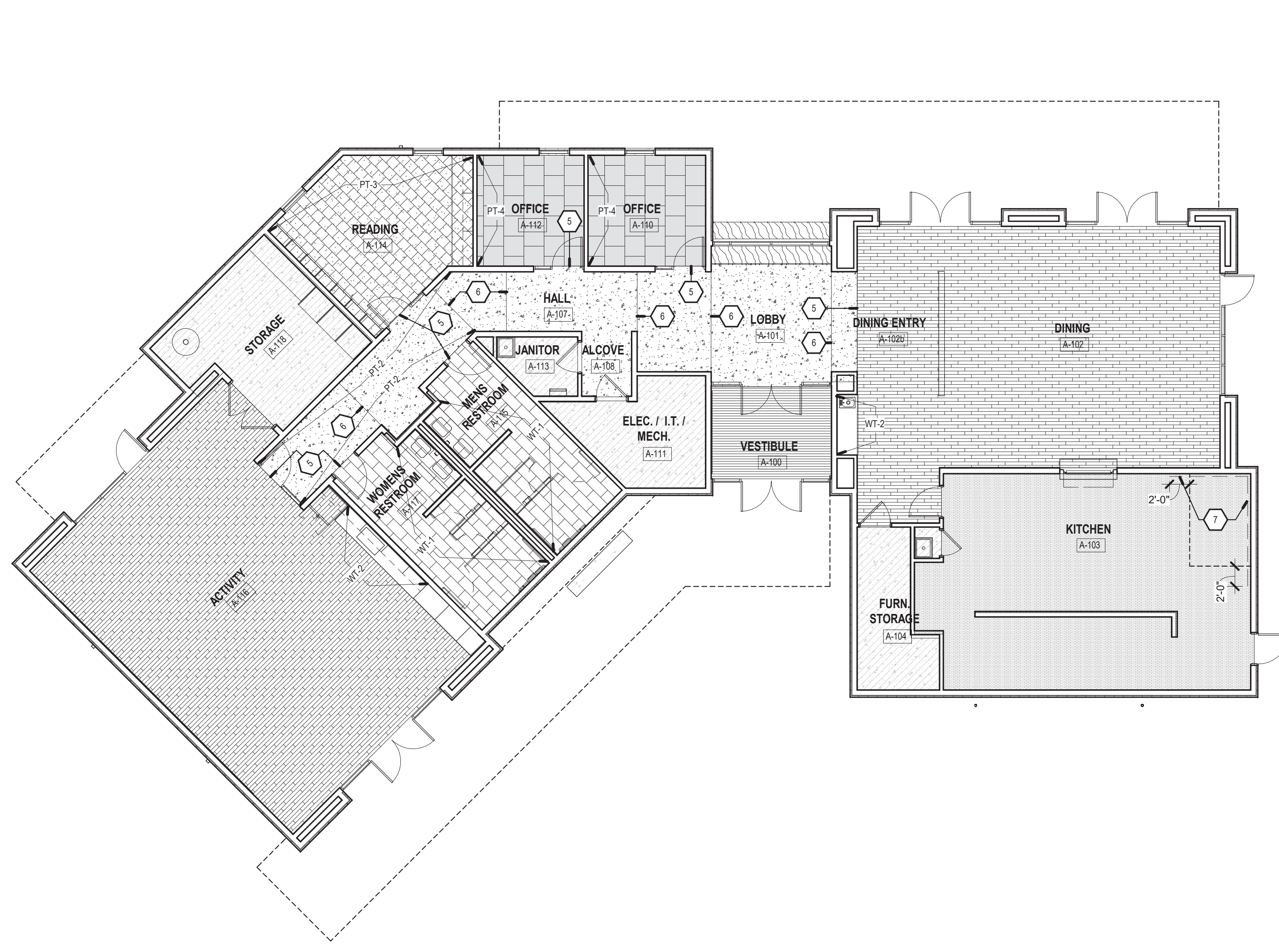
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| ISSUE: | 100% CONSTRUCTION DOCUMENTS | |
| PROJECT NUMBER: | 2303 | |
| FILE: | SFC Abedon Lopez Senior Center | |
| DRAWN BY: | PS | |
| CHECKED BY: | LA | |
| DATE: | SEPT. 20, 2023 | |

SHEET TITLE
MATERIAL LEGEND,
FINISH FLOOR PLAN,
FINISH SCHEDULE AND
FURNITURE PLAN

A-701



A1 FURNITURE PLAN
1/8" = 1'-0"



A4 FINISH FLOOR PLAN
1/8" = 1'-0"

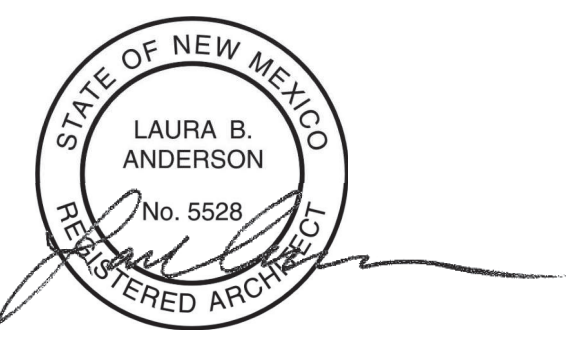
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CONSULTANTS

Architect Engineer



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**SANTA FE COUNTY -
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CENTER**

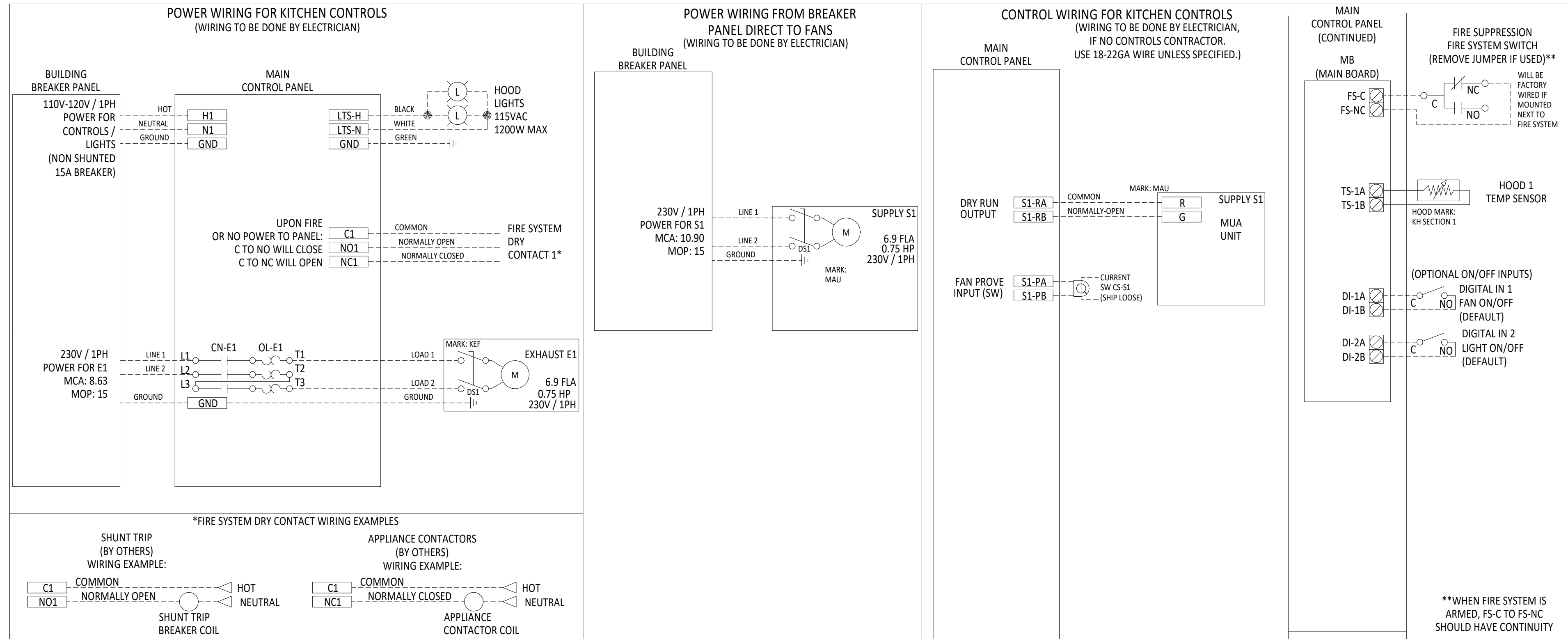
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| Revision Schedule | | |
| ISSUE: 100% CONSTRUCTION DOCUMENTS | | |
| PROJECT NUMBER: 2303 | | |
| FILE: SFC Abedon Lopez Senior Center | | |
| DRAWN BY: PS | | |
| CHECKED BY: LA | | |
| DATE: SEPT. 20, 2023 | | |

SHEET TITLE
RENDERS

GENERAL PROJECT NOTES:

- A. PROVIDE AND INSTALL ALL MATERIAL AND EQUIPMENT AS REQUIRED BY UPC, UMC, SMACNA, NFPA, LIFE SAFETY CODE, GAS CODE, AND ALL OTHER LOCAL CODES AND ORDINANCES THAT APPLY... B. LAYOUT AND INSTALL COMPLETE AND FUNCTIONAL MECHANICAL SYSTEMS, INCLUDING TEMPORARY CUTOFF OF EXISTING UTILITIES... C. VIBRATIONALLY ISOLATE FROM THE BUILDING STRUCTURE ALL EQUIPMENT AND PIPING IN THE MECHANICAL ROOM, INCLUDING GAS, AIR INTAKE, EXHAUST, ETC. COORDINATE TO ASSURE THAT AS QUIET AN OPERATING SYSTEM AS POSSIBLE IS INSTALLED.



KITCHEN HOOD WIRING DIAGRAM NOT TO SCALE

MECHANICAL LEGEND

Table with two main sections: HVAC and VALVES. HVAC symbols include return ductwork up/down, exhaust ductwork up/down, round ductwork up/down, supply ductwork up/down, fire smoke damper, motorized/manual balancing damper, backdraft damper, conical/rectangular tap, flexible duct, square/round supply air diffuser, return air grille, ceiling slot supply air diffuser, sidewall return/supply air register, access panel, and humidifier. VALVES symbols include gate, check, ball, pressure-reducing, outside stem and yoke, globe, three-way, automatic temperature control, plug, butterfly, two-way control, three-way control, drain, solenoid, relief, air relief, strainer, stem, circuit setter, balancing, gas cock, gauge, steam trap, valve in riser, and auto flow control valves. FITTINGS symbols include union, elbow up/down, tee up/down, break, cap, pressure gauge, thermometer, flow switch, and pressure switch. TEXT SYMBOLS include mechanical keyed notes, pipe leader lines, points of connection/disconnection, equipment and air device designations, revision deltas, ductwork sizing, and flow directions for return and supply air.

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Architect Engineer



SFC - ABEDON LOPEZ SENIOR CENTER

PROJECT ADDRESS ALBUQUERQUE, NM

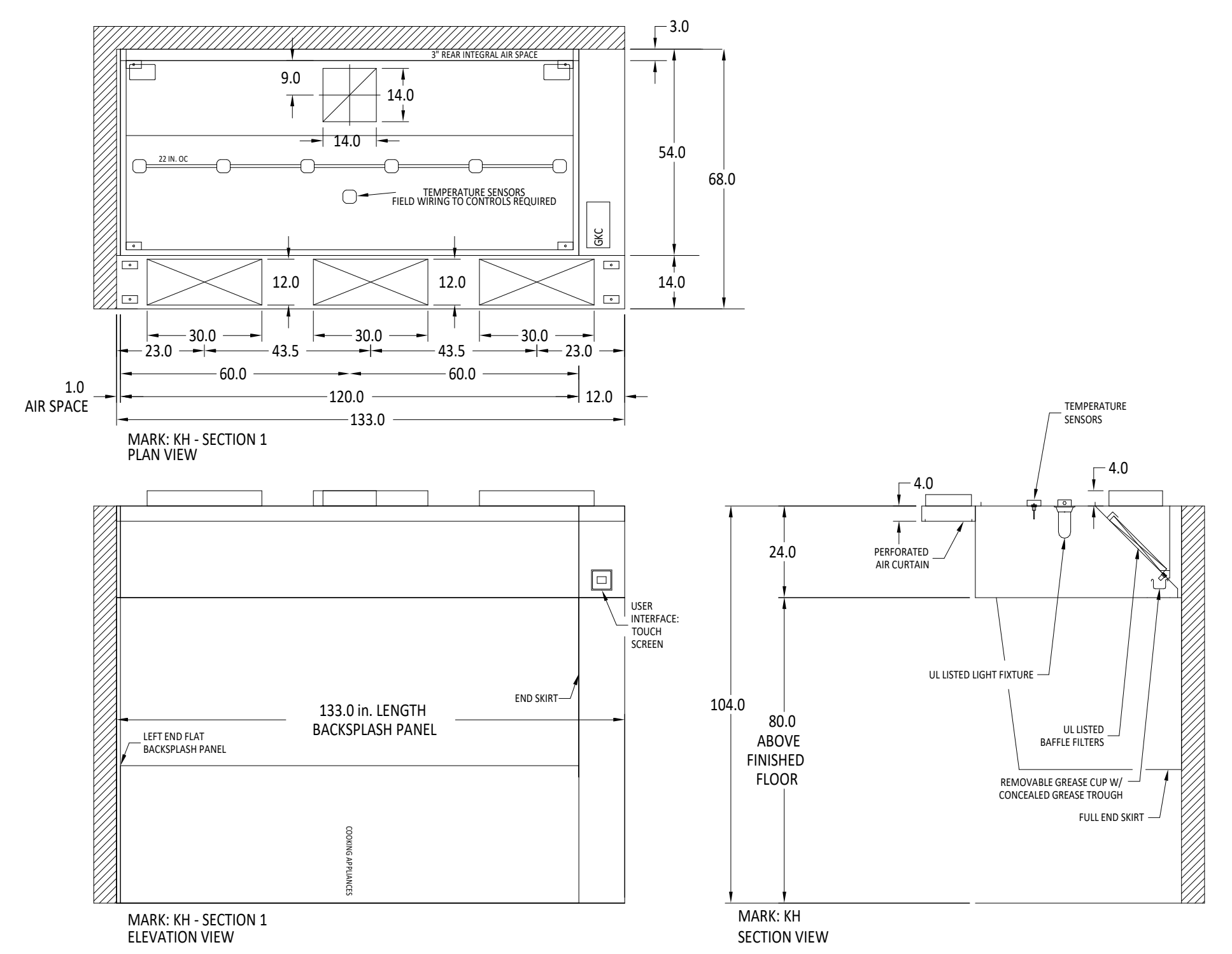
Key Plan NTS

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Table with 2 columns: Field, Value. Fields: ISSUE: 100% CD, PROJECT NUMBER: SEE ARCH., FILE:, DRAWN BY: SC, CHECKED BY: KT, DATE: 09/08/23

SHEET TITLE MECHANICAL GENERAL NOTES, DIAGRAMS AND LEGEND

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KITCHEN HOOD OVERVIEW

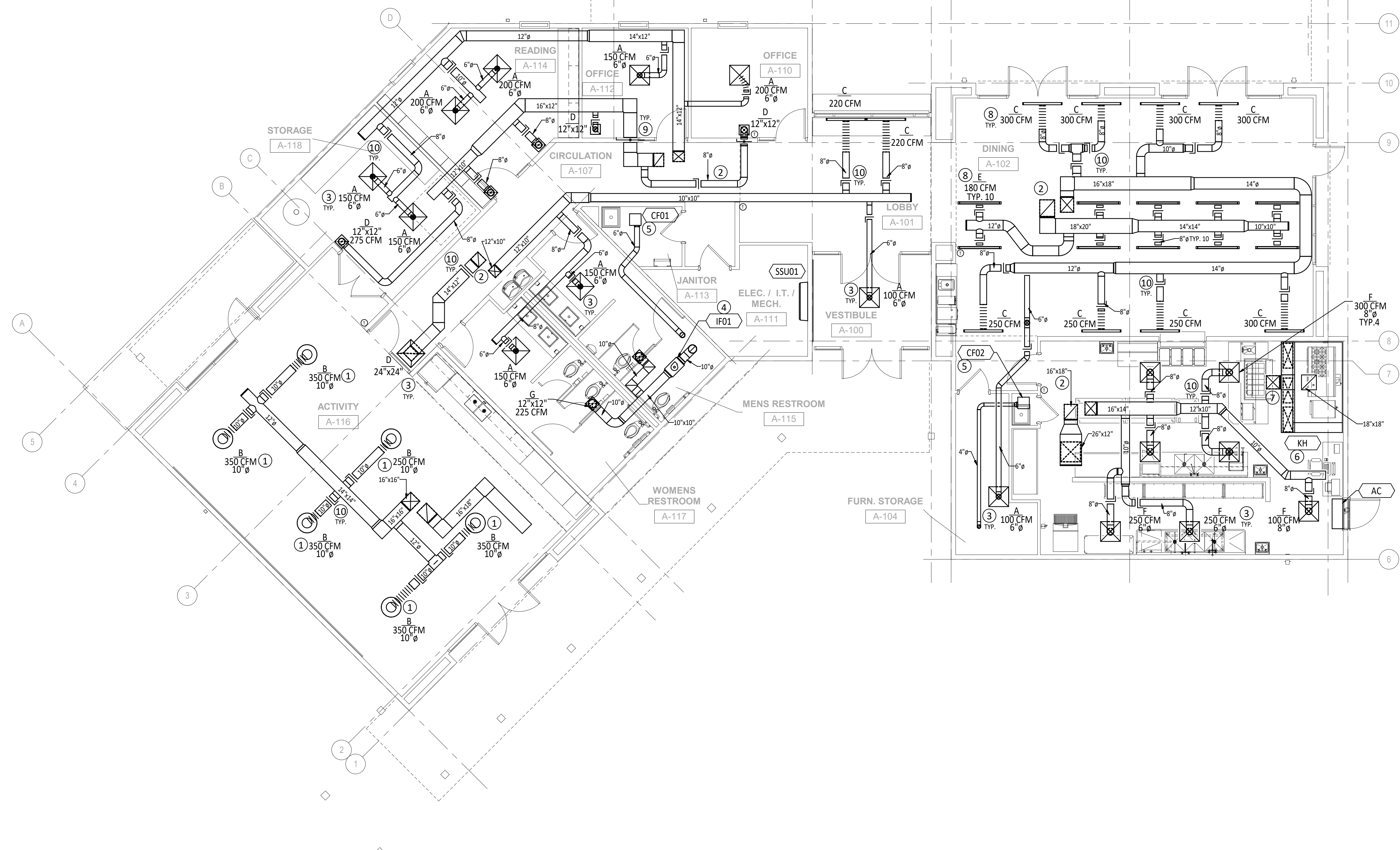
NOT TO SCALE

GENERAL SHEET NOTES:

- A. FIELD COORDINATE DUCTWORK ROUTING WITH ARCHITECTURAL CEILING PLANS AND ELEVATIONS. PROVIDE SHOP DRAWINGS FOR REVIEW BY ARCH. AND ENGINEER.
- B. ALL GREASE DUCT TO BE UL LISTED FOR ZERO CLEARANCE OR PROVIDE EQUAL PERFORMANCE DUCT WRAP.
- C. PROVIDE A MIN. OF 3 FT. AND A MAX. OF 5 FT. OF INSULATED FLEX DUCT AT ALL SUPPLY AIR GRILLE, DIFFUSER, AND REGISTER CONNECTIONS.
- D. MOUNT ALL CABINET EXHAUST FANS AND WALL MOUNTED UNITS PER MANUFACTURER. PROVIDE BACKING AND VIBRATION ISOLATION AS RECOMMENDED.

KEY NOTES :

- 1. INSTALL ROUND SUPPLY AIR DIFFUSER A MAX. OF 12 FT. ABOVE FINISH FLOOR. SEE DIFFUSER CONNECTION DETAIL.
- 2. ROUTE SA/RA DUCT DOWN THROUGH ROOF IN PATHWAY SHOWN. SEE SHEET M301 FOR CONTINUATION.
- 3. INSTALL GRILLE IN LAY-IN, DROPPED, CEILING. COORDINATE WITH ARCHITECTURAL RCP PLANS. SEE DIFFUSER CONNECTION DETAIL.
- 4. INSTALL INLINE FAN ABOVE RESTROOM AT LOCATION SHOWN. PROVIDE ACCESS PANEL FOR FAN MAINTENANCE AND REMOVAL, MIN. SIZE 24 IN. X 18 IN.
- 5. INSTALL CABINET FAN AT LOCATION INDICATED AND ROUTE DUCT UP THROUGH ROOF. SEE SHEET M301 FOR CONTINUATION.
- 6. INSTALL KITCHEN HOOD PER NPFA ABOVE COOKING BATTERY. MOUNT HOOD PER "KITCHEN HOOD DETAIL". COORDINATE INSTALL WITH EC AND WIRING DIAGRAM.
- 7. ROUTE DUCT DOWN THROUGH ROOF AND CONNECT TO PERFORATED SUPPLY AIR PLENUM COLLARS. COLLARS. SEE KITCHEN HOOD PLAN THIS SHEET.
- 8. INSTALL GRILLE IN WOOD CEILING. COORDINATE FRAME AND INSTALL REQUIREMENTS WITH ARCHITECT PRIOR TO INSTALL.
- 9. INSTALL FIRE DAMPER AT ALL FIRE RATED WALL PENETRATIONS. COORDINATE SHOP DRAWING ROUTES WITH ARCHITECTURAL PLANS PRIOR TO INSTALL, TYPICAL.
- 10. INSTALL MANUAL BALANCING DAMPER IN DIFFUSER/GRILLE/REGISTER AS SHOWN. SEE "DIFFUSER CONNECTION DETAIL".



SFC - ABEDON LOPEZ SENIOR CENTER

PROJECT ADDRESS
ALBUQUERQUE, NM

Key Plan
NTS

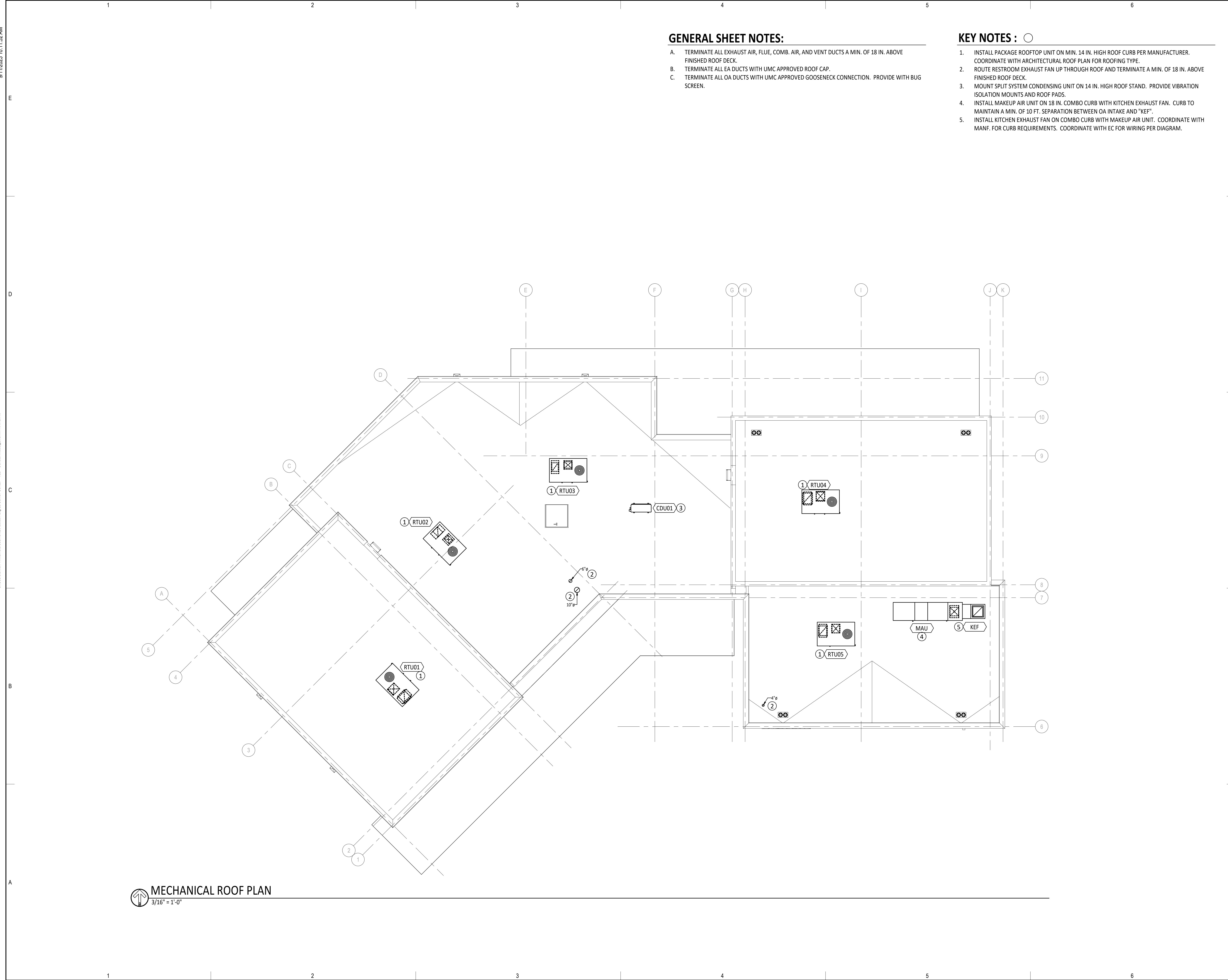
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| DATE: | 09/08/23 |

SHEET TITLE
MECHANICAL FLOOR PLAN

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MECHANICAL ROOF PLAN
3/16" = 1'-0"

GENERAL SHEET NOTES:

- A. TERMINATE ALL EXHAUST AIR, FLUE, COMB. AIR, AND VENT DUCTS A MIN. OF 18 IN. ABOVE FINISHED ROOF DECK.
- B. TERMINATE ALL EA DUCTS WITH UMC APPROVED ROOF CAP.
- C. TERMINATE ALL OA DUCTS WITH UMC APPROVED GOOSENECK CONNECTION. PROVIDE WITH BUG SCREEN.

KEY NOTES :

- 1. INSTALL PACKAGE ROOFTOP UNIT ON MIN. 14 IN. HIGH ROOF CURB PER MANUFACTURER. COORDINATE WITH ARCHITECTURAL ROOF PLAN FOR ROOFING TYPE.
- 2. ROUTE RESTROOM EXHAUST FAN UP THROUGH ROOF AND TERMINATE A MIN. OF 18 IN. ABOVE FINISHED ROOF DECK.
- 3. MOUNT SPLIT SYSTEM CONDENSING UNIT ON 14 IN. HIGH ROOF STAND. PROVIDE VIBRATION ISOLATION MOUNTS AND ROOF PADS.
- 4. INSTALL MAKEUP AIR UNIT ON 18 IN. COMBO CURB WITH KITCHEN EXHAUST FAN. CURB TO MAINTAIN A MIN. OF 10 FT. SEPARATION BETWEEN OA INTAKE AND "KEF".
- 5. INSTALL KITCHEN EXHAUST FAN ON COMBO CURB WITH MAKEUP AIR UNIT. COORDINATE WITH MANF. FOR CURB REQUIREMENTS. COORDINATE WITH EC FOR WIRING PER DIAGRAM.



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Architect Engineer



SFC - ABEDON LOPEZ SENIOR CENTER

PROJECT ADDRESS
ALBUQUERQUE, NM

Key Plan
NTS

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| Revision Schedule | | |

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| DATE: | 09/08/23 |

SHEET TITLE
MECHANICAL ROOF PLAN

M301

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| DATE: | | 09/08/23 |

MECHANICAL EQUIPMENT SCHEDULE:

RTU01 - RTU05
 PACKAGED ROOFTOP AIR CONDITIONING/HEATING UNIT: NATURAL GAS HEATING, MODULATING ELECTRIC DX COOLING, ALUMINIZED STEEL HEAT EXCHANGER, INDOOR FAN, AND DIRECT DRAFT OUTDOOR FAN, SPARK IGNITION PILOT, INDOOR FAN TIME-DELAY RELAY, REDUNDANT GAS VALVE, MODULATING BURNER SECTION, ORIFICE FOR 5,500 FT. ASL, INDUCED DRAFT COMBUSTION, COMBUSTION SECTION VIEW PORT, REMOTE SENSING OF PILOT FLAME, HEATING SAFETY CONTROLS (LIMIT SWITCHES, CENTRIFUGAL SWITCH, ROLL OUT SWITCH), MICROPROCESSOR BASED DDC CONTROLLER, STAGGERED COPPER TUBE WITH BONDED ALUMINUM FIN COOLING COILS, RECYCLE TIMER TO PREVENT SHORT CYCLING, ECONOMIZER PACKAGE, CONDENSER COIL HAIL GUARD ASSEMBLY, 2 IN. THROW-AWAY MERV13 FILTERS, FILTER RACK, FLEXIBLE DUCT CONNECTIONS, VIBRATION ISOLATORS FOR MOTOR, FACTORY SUPPLIED ROOF CURB ADAPTOR, MOTOR, AND RELAYS, SWITCHES, NON-FUSED UNIT MOUNTED DISCONNECT, AND ALL EQUIPMENT REQUIRED FOR COMPLETE AND PROPER OPERATION. SUMMER OUTDOOR AIR TEMPERATURE ENTERING CONDENSER = 100 DEG. F. DB. AND 60 DEG. F. WB. ROOM AIR TEMP. = 75 DEG. F. SUMMER AND 68 DEG. F. WINTER.
 "CARRIER"
 ELEC.: 240V/1PH/60HZ.

| SYM | MODEL NO. | CFM | ESP | FAN RPM | HP | FLA | WT. LBS. | OPERATION |
|-----|------------|-------|-----|---------|-----|-----|----------|------------|
| KEF | CUBE-160-7 | 2,250 | 0.8 | 1,162 | 3/4 | 7 | 100 | HOOD PANEL |

MAU
 MAKEUP AIR UNIT: FILTERED MAKEUP AIR UNIT WITH FORWARD CURVED CENTRIFUGAL SUPPLY FAN, NATURAL GAS DIRECT FIRED BURNER, STAGED HEATING, STAINLESS STEEL HEAT EXCHANGER, ORIFICE FOR 7,000 FT. ASL. MOTORS SHALL BE PERMANENTLY LUBRICATED, HEAVY DUTY, BALL BEARING TYPE. FAN WHEEL TO BE FORWARD CURVED TYPE, CONSTRUCTED OF HEAVY GAUGE STEEL AND STATICALLY AND DYNAMICALLY BALANCED. HOUSING TO BE CONSTRUCTED OF HEAVY GAUGE GALVANIZED STEEL WITH REMOVABLE PANELS FOR ACCESS TO FAN AND TEMPERING UNIT COMPONENTS, FILTERS AND CONTROLS. FILTERS TO BE ONE INCH ALUMINUM MESH AND U.L. CLASSIFIED. INCLUDE PREWIRED CONTROL CENTER, MOTOR STARTER, KITCHEN HOOD EXHAUST FAN, "KEF" MOTOR STARTER (IF REQUIRED), MIN. 24 IN. PREMANUFACTURED STAND RATED FOR UNIT OPERATING WEIGHT, DUCT ADAPTER, EQUIPMENT SUPPORTS, MOTORIZED INTAKE DAMPER, WEATHER HOOD AND BIRD SCREEN, AND ALL EQUIPMENT NECESSARY FOR A COMPLETE INSTALLATION. INCLUDE EVAPORATIVE COOLING SECTION WITH 12" MEDIA AND AUTO FLUSH CYCLE.
 ELEC.: 240V/1PH/60HZ
 "GREENHECK"

| SYM | MODEL NO. | HTG OUT | CFM | ESP | MCA | MOCOP | WT. LBS. | OPERATION |
|-----|-----------------|---------|-------|------|-----|-------|----------|--------------|
| MAU | DXG-P112-H12-MF | 115.5 | 1,800 | 0.35 | 11 | 15 | 1,000 | 'KEF' & 'KH' |

AC
 AIR CURTAIN: SEE KITCHEN EQUIPMENT SUPPLIER DRAWINGS FOR SPECIFICATIONS. PROVIDE ALL EQUIPMENT NECESSARY FOR COMPLETE OPERATION.
 ELEC.: 240V/1PH/60HZ

T
 THERMOSTAT: ADAPTIVE INTELLIGENT RECOVERY, ENERGY SAVING, MULTIPLE SETBACK, TEMPORARY OVERRIDE, LCD DISPLAY, BATTERY BACKUP, TRANSFORMER, COOLING SUBBASE, AUTOMATIC CHANGE OVER FROM WINTER TO SUMMER, AND ALL CONTROLS NECESSARY FOR COMPLETE OPERATION. INCLUDE BATTERIES AND CLEAR LOCKING COVER.
 "HONEYWELL" T8600.

A
 SUPPLY AIR DIFFUSER: 24 IN. X 24 IN. PANEL SIZE, ALUMINUM MATERIAL, SQUARE CEILING MOUNTED SUPPLY AIR DIFFUSER WITH TRUE 360 DEG. PATTERN. INCLUDE OBD AND DAMPER IN DUCT. DUCT SIZE AS SHOWN ON DRAWINGS.
 "TITUS" TMS-AA.

B
 SUPPLY AIR DIFFUSER: 24 IN. DIA. PANEL SIZE, ALUMINUM MATERIAL, THREE-CONE, ROUND CEILING MOUNTED SUPPLY AIR DIFFUSER WITH TRUE 360 DEG. PATTERN. INCLUDE OBD AND DAMPER IN DUCT. DUCT SIZE AS SHOWN ON DRAWINGS.
 "TITUS" TMR-AA.

C
 LINEAR FLOW BAR SUPPLY: LINEAR SLOT GRILLE WITH JET-THROW PATTERN CONTROLLER AND INSULATED PLENUM, NECK SIZE AS INDICATED. CONTRACTOR SHALL PROVIDE FIELD FABRICATED TRANSITION WHERE CONNECTION TO DUCTWORK IS REQUIRED. COORDINATE BORDER WITH ARCHITECTURAL RCP TO ALLOW INSTALLATION OF GRILLE IN FINISHED CEILING TYPE SHOWN. PROVIDE 4FT. LENGTH, 2-SLOT, 1 IN. SLOT WIDTH, 8 IN. NECK SIZE.
 "TITUS" MODEL FL-10-JT

D
 RETURN AIR GRILLE: FABRICATED ALUMINUM GRILLE WITH 1/2 IN. X 1/2 IN. X 1/2 IN. SQUARES. INCLUDE FRAME FOR CORRECT CEILING INSTALLATION. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR CEILING APPLICATION. COLOR SELECTED BY ARCHITECT. SIZE AS SHOWN ON DRAWINGS.
 "TITUS" MODEL 50F.

E
 LINEAR FLOW BAR RETURN: LINEAR SLOT GRILLE TO MATCH TYPE "C" WITHOUT PATTERN CONTROLLER. INCLUDE RETURN AIR PLENUM BOOT WITH DUCT COLLAR TO MATCH SIZE SHOWN. COORDINATE BORDER WITH ARCHITECTURAL RCP TO ALLOW INSTALLATION OF GRILLE IN FINISHED CEILING TYPE SHOWN. PROVIDE 4FT. LENGTH, 2-SLOT, 1 IN. SLOT WIDTH.
 "TITUS" MODEL FL-10-JT

F
 SUPPLY AIR DIFFUSER: 24 IN. X 24 IN. PANEL SIZE, STAINLESS STEEL MATERIAL, SQUARE CEILING OR JOIST MOUNTED SUPPLY AIR DIFFUSER WITH PERFORATED FACE DISCHARGE. INCLUDE RADIAL VOLUME DAMPER, OBD IN DUCT, SIZE NECK AS SHOWN ON DRAWINGS.
 "CAPTIVEAIRE" DI-FUSE

| SYM | MODEL | MBH | HTNG | CFM | OA | MCA | MOCOP | WT. LBS. |
|-------|---------|------|------|-------|-----|-----|-------|----------|
| RTU01 | 48CFA06 | 49.1 | 76.3 | 2,000 | 500 | 39 | 60 | 700 |
| RTU02 | 48CEA04 | 29.6 | 53 | 1,050 | 200 | 26 | 30 | 600 |
| RTU03 | 48CFA04 | 28.9 | 53 | 1,000 | 300 | 26 | 30 | 600 |
| RTU04 | 48CFA06 | 49.7 | 76.3 | 2,350 | 600 | 41 | 60 | 700 |
| RTU05 | 48CFA05 | 41.6 | 76.3 | 1,550 | 400 | 31 | 50 | 700 |

IF01
 EXHAUSTER: INLINE CABINET EXHAUSTER COMPLETE WITH DISCONNECT, BACKDRAFT DAMPER, WALL OR ROOF CAP, MOUNTING BRACKETS, AND CEILING GRILLE. HOUSING INTERIOR LINED WITH 1/2" SOUND ABSORBING FIBERGLASS INSULATION AND REMOVABLE BOTTOM HOUSING PANEL FOR EASY ACCESS. INCLUDE ALL EQUIPMENT NECESSARY FOR COMPLETE INSTALLATION.
 "GREENHECK"
 ELEC.: 120V/1PH/60HZ

| SYM | MODEL | CFM | ESP | RPM | FLA | MCA | WT. LBS. | OPERATION |
|------|----------|-----|-----|-------|-----|-----|----------|-----------|
| EF01 | CSP-A710 | 450 | 0.3 | 1,080 | 5 | 6.1 | 100 | TIMELOCK |

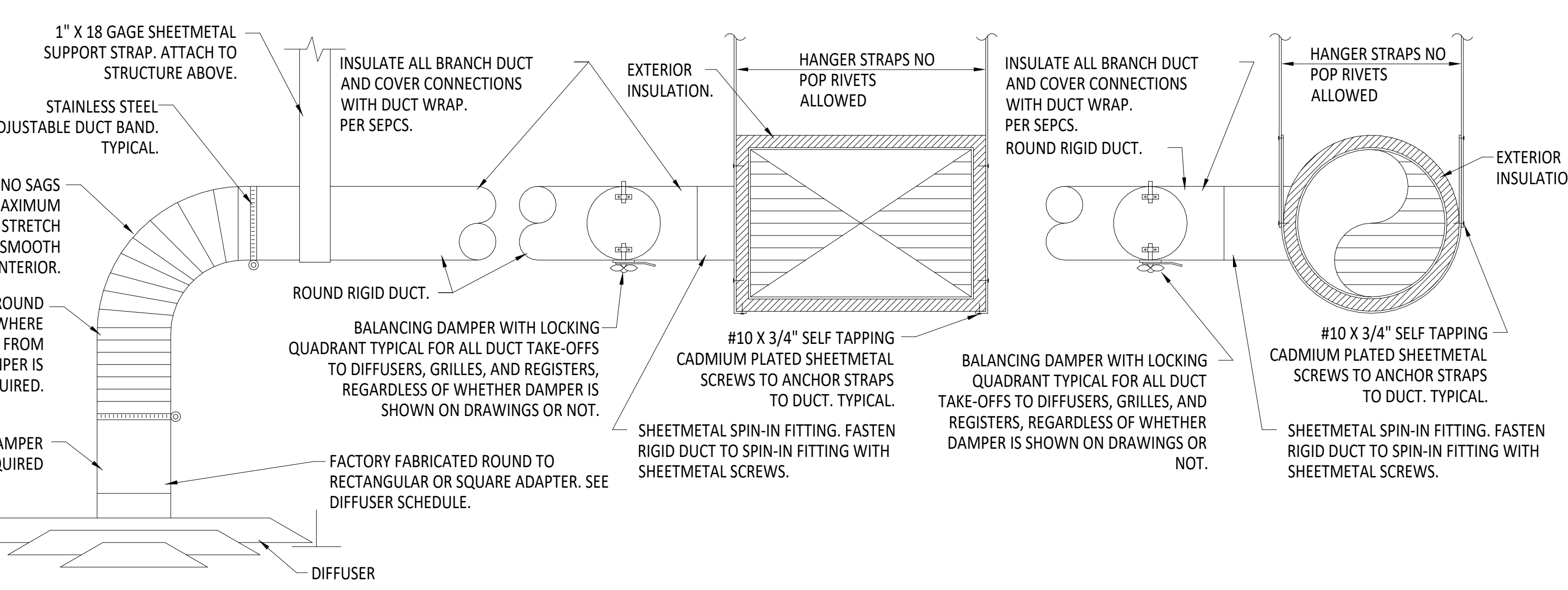
SSU01 AND CDU01
 SPLIT SYSTEM: VARIABLE CAPACITY, HEAT PUMP AIR CONDITIONING SYSTEM WITH MULTIPLE EVAPORATORS, REFINET JOINTS, HEADERS, A TWO-PIPE REFRIGERATION DISTRIBUTION SYSTEM USING PID CONTROL, AND OUTDOOR UNIT. THE OUTDOOR UNIT IS A DIRECT EXPANSION (DX, AIR-COOLED HEAT PUMP, SINGLE-ZONE AIR-CONDITIONING SYSTEM WITH VARIABLE SPEED DRIVEN COMPRESSORS USING R-410A REFRIGERANT. PROVIDE ALL COMPONENTS FOR COMPLETE OPERATION. (EXTERIOR UNIT POWERS INDOOR UNIT.) PROVIDE 2 FT. HD. CONDENSATE PUMP ON END OF RUN UNITS.
 "CARRIER"
 ELEC.: 240V/1PH/60HZ

| SYM | MODEL | CFM | CLG | HTG | WGHT | CONDENSER |
|-------|--------------|-----|------|------|------|-----------|
| SSU01 | RAS-22EKV-UL | 635 | 21.4 | 23.2 | 40 | CDU01 |

| SYM | MODEL | CLG | HTG | WGHT | MCA | MOCOP |
|-------|--------------|------|------|------|-----|-------|
| CDU01 | RAS-22EAV-UL | 21.4 | 23.2 | 200 | 15 | 25 |

KH
 KITCHEN EXHAUST HOOD: U.L. AND NSF LISTED 304 STAINLESS STEEL HOOD, 18 GAUGE WALL CANOPY HOOD, ENCLOSURE TO BE WELDED AND/OR LIQUID TIGHT, COMPLETE WITH 3 HIGH WATTAGE, VAPOR PROOF, LED INTERIOR LIGHTS, KITCHEN HOOD CONTROLLER WITH TEMPERATURE INTERLOCK, TEMPERATURE SENSOR, GREASE TROUGH AND STORAGE CONTAINER, ALUMINUM GREASE FILTERS AND FILTER FRAME, WALL BRACKETS, 1/2 IN. HANGER RODS WITH TURN BUCKLES, HOOD MOUNTED CONTROL PANEL (RIGHT SIDE). INTEGRAL 3 INCH AIR SPACE TO BE PROVIDED TO MEET NFPA 96 CLEARANCE REQUIREMENTS AGAINST LIMITED COMBUSTIBLES. INTERCONNECT EXHAUST FAN WITH MAKE-UP UNIT TO PROVIDE 100% OA WHEN HOOD IS "ON", INCLUDE TEMPERATURE SENSOR AND AUTO "ON" CAPABILITY, PROVIDE AND INSTALL COMPLETE ANSUL FIRE SUPPRESSION SYSTEM WITH ELECTRICAL SHUT-OFFS. PROVIDE WITH KITCHEN CONTROL PANEL MODEL "GKC-CV-S-11-1-1-0".
 "GREENHECK" HOOD MODEL GHEW. (120 IN. X 54 IN.).

KEF
 EXHAUSTER: UPBLAST ROOF MOUNTED EXHAUSTER WITH CENTRIFUGAL FAN, VFD, DIRECT DRIVE FAN, MOTORS AND DRIVES ISOLATED FROM EXHAUST AIR STREAM, HEAVY DUTY MOTOR WITH PERMANENTLY SEALED BALL BEARINGS, GREASE CUP, SPUN ALUMINUM HOOD, ALUMINUM FAN, VIBRATION ISOLATORS, DISCONNECT SWITCH, AND AMCA CERTIFIED. INCLUDE 16 IN. ROOF CURB WITH "DRAIN NET" MODEL DNGG-800 HIGH-CAPACITY GREASE GUTTER INSTALLED BY CONTRACTOR. PROVIDE CURB EXTENSION, BIRD SCREEN, DAMPERS, MOTOR STARTERS (IN MAKEUP AIR UNIT), RELAYS, SWITCHES, AND ALL EQUIPMENT NECESSARY FOR COMPLETE INSTALLATION AND OPERATION.



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GENERAL PROJECT NOTES:

- 1. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND PROVIDING ALL WORK INDICATED BY THESE DRAWINGS. THIS CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, SUPPLIES AND MATERIALS IN ADDITION TO PERFORMING ALL OPERATIONS INCLUDING CUTTING, CHANNELING AND UNDERGROUND TRENCHING NECESSARY FOR THE INSTALLATION OF COMPLETE POWER, LIGHTING, OR OTHER SYSTEMS AS SHOWN.
2. PERFORM ALL ELECTRICAL WORK IN A NEAT AND WORKMANLIKE MANNER IN FULL COMPLIANCE WITH ALL APPLICABLE CODES AND THE NATIONAL ELECTRICAL CODE (NEC). ALL LOCAL AND STATE REQUIREMENTS WILL BE OBSERVED DURING THE PERFORMANCE OF THIS WORK.
3. SHOULD THE CONTRACTOR DETECT ANY DISCREPANCIES BETWEEN CONTRACT DOCUMENTS AND LEGAL OR SAFETY REQUIREMENTS FOR THE PROJECT, HE SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING. ONCE NOTIFIED THE ENGINEER SHALL MODIFY THE CONTRACT DOCUMENTS ACCORDINGLY. IF THE CONTRACTOR PROCEEDS WITH ANY WORK WHICH IS IN VARIANCE OF KNOWN LEGAL OR SAFETY REQUIREMENTS, THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR THIS WORK AND SHALL PROMPTLY CORRECT THE WORK WHEN NOTIFIED WITHOUT ADDITIONAL COST TO THE OWNER.
4. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK. NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH DEMOLITION. NO CLAIM FOR ADDITIONAL COST OR TIME EXTENSION WILL BE ALLOWED WITHOUT PROPER NOTICE PLUS PRIOR DETERMINATION OF TIME AND COST TO THE OWNER.
5. EXTEND ALL CONDUIT AND CONDUCTORS, INSTALL ELECTRICAL EQUIPMENT AS NECESSARY, AND MAKE ALL FINAL CONNECTIONS TO MECHANICAL AND OWNER FURNISHED EQUIPMENT. LEAVE ALL EQUIPMENT IN OPERABLE CONDITION WITH APPROPRIATE OVERLOAD AND SERVICE DISCONNECT PROTECTION AS REQUIRED BY THE APPLICABLE CODES. FOLLOW MANUFACTURER INSTALLATION GUIDELINES WHERE APPLICABLE.
6. ALL CONDUCTORS SHALL BE COPPER (UNLESS NOTED OTHERWISE), RATED FOR 600 VOLTS WITH TYPE THHN/THWN, 90 DEGREE INSULATION UNLESS OTHERWISE INDICATED. MINIMUM WIRE SIZE SHALL BE #12 AWG FOR POWER CIRCUITS UNDER 100FT AND #10 AWG FOR POWER CIRCUITS OVER 100FT. CONDUCTORS SHALL BE SOLID FOR #12 AWG AND STRANDED FOR #10 AWG OR LARGER. ALL WIRING SHALL BE RUN IN CONDUIT INCLUDING LOW VOLTAGE CONTROL WIRING. SIGNAL WIRING MAY BE RUN IN PVC CONDUIT OR PVC FLEXIBLE TUBING.
7. CONDUIT SHALL BE EMT EXCEPT WHERE REQUIRED TO PROTECT FROM PHYSICAL DAMAGE. CONDUIT SHALL BE RIGID OR IMC TYPE. RUN CONDUIT CONCEALED UNLESS OTHERWISE SHOWN ON THE DRAWINGS. USE FLEXIBLE METALLIC CONDUIT OR SURFACE MOUNTED RACEWAY ONLY WHERE INDICATED. PROVIDE EXPANSION FITTINGS FOR CONDUIT CROSSING EXPANSION JOINTS.
8. SUPPORT ALL CONDUIT INDEPENDENTLY FROM THE BUILDING STRUCTURE. DO NOT SUPPORT FROM VENTILATION DUCTS, MECHANICAL PIPING, SUSPENDED CEILING GRIDS, OR THEIR HANGERS. USE ACCEPTABLE METHODS OF SUPPORT.
9. PROVIDE WIRING DEVICES RATED FOR THE GIVEN APPLICATION AS REQUIRED BY CODE. SPECIAL DEVICES SHALL BE PROVIDED AS INDICATED.
10. MAKE ALL MAIN FEEDER CONNECTIONS WITH SOLDERLESS, BOLTED TYPE CONNECTORS AND MAKE SMALLER WIRE SPICES WITH PRESSURE TYPE CONNECTORS.
11. INSTALL EXTERIOR WIRING AND DEVICES IN CONDUIT WITH WEATHERPROOF FITTINGS AND IN WEATHERPROOF BOXES. EQUIPMENT SHALL BE RATED FOR EXTERIOR USE.
12. METERING AND ELECTRICAL SERVICE ENTRANCE REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE NEC AND LOCAL ELECTRIC UTILITY SYSTEM STANDARDS.
13. SIZE ALL BOXES AND ENCLOSURES PER THE NEC. PROVIDE WORKING SPACE FOR ELECTRICAL INSTALLATIONS IN ACCORDANCE WITH NEC, ARTICLE 110.
14. MAINTAIN A MINIMUM OF 24 INCH SEPARATION BETWEEN POWER CONDUITS AND SIGNAL CONDUITS AS PRACTICAL. ROUTE CONDUITS TO NOT CROSS EACH OTHER.
15. PROVIDE MOTOR CONTROLS FOR ALL MOTORS INDICATED ON DRAWINGS UNLESS SPECIFICALLY NOTED OTHERWISE PER THE FOLLOWING:
A. PROVIDE SUITABLE MOTOR STARTERS AND CONTROLLERS AS REQUIRED BY THE MOTOR MANUFACTURERS AND APPLICABLE CODES.
B. PROVIDE SWITCHES AND OTHER DEVICES AS REQUIRED FOR THE MANUAL OR AUTOMATIC CONTROL OF THE MOTOR.
C. FOR MOTORS LESS THAN 1/2 HORSEPOWER, PROVIDE SINGLE POLE, THERMAL OVERLOAD, SWITCH TYPE STARTERS. SIZE OVERLOADS FOR THE PARTICULAR MOTOR CONTROLLED. FURNISH THERMAL OVERLOAD SWITCHES COMPLETE WITH NEMA CLASS 1 ENCLOSURES, PILOT LIGHTS AND OTHER DEVICES AS INDICATED ON DRAWINGS.
D. FOR MOTORS 1/2 HORSEPOWER OR GREATER, PROVIDE COMBINATION MAGNETIC ACROSS THE LINE TYPE STARTER WITH DISCONNECT SAFETY SWITCH, FUSED OR NON-FUSED, AS INDICATED ON DRAWINGS.
E. STARTERS SHALL BE INDIVIDUALLY EQUIPPED WITH CONTROL CIRCUIT TRANSFORMERS AND OPERATING COILS TO PERMIT 120 VOLT CONTROL CIRCUIT OPERATION. PROVIDE FUSES ADEQUATELY SIZED TO PROTECT THE CONTROL CIRCUITS.
F. EACH MAGNETIC STARTER SHALL BE FURNISHED WITH FULL OVERLOAD PROTECTION AND LOW VOLTAGE PROTECTION AS REQUIRED.
16. AFTER COMPLETION OF THE INSTALLATION, THE ENTIRE SYSTEM SHALL BE THOROUGHLY CLEANED. REMOVE ALL FOREIGN MATTER, PAINT, OIL, DIRT, GREASE, UNNEEDED LABELS OR STICKERS FROM FIXTURES AND EQUIPMENT. REMOVE ALL RUBBISH AND DEBRIS ACCUMULATED DURING INSTALLATION FROM THE PREMISES.
17. ALL NEW WORK OUTLETS/DEVICES SHALL BE FLUSH IN WALLS CONDUIT/WIRING SHALL BE CONCEALED. EXPOSED CONDUIT OR WIREWAY IS UNACCEPTABLE. ROUTING OF FEEDERS AND MATERIALS USED FOR BOXES/DEVICES IN TILE WALLS SHALL BE APPROVED BY ARCHITECT AND ENGINEER PRIOR TO ROUGH IN. REPAIR AND GROUT AROUND NEW J-BOXES AND FINISH AS NECESSARY TO MATCH FINISH. COORDINATE WITH ARCHITECT IN FIELD PRIOR TO ROUGH-IN TO AVOID CONFLICTS.
18. COORDINATE FINAL LOCATION OF ALL CONDUIT/FEEDERS, PANELS, AND CONTROL PANELS WITH ENGINEER, OWNER, ARCHITECT, AND ALL TRADES PRIOR TO BEGINNING ANY ROUGH-IN WORK. PROVIDE WORKING CLEARANCES PER NEC. COORDINATE ROUTING OF FEEDERS WITHIN WALL CAVITIES OR CHASES. VERIFY CONDUIT ROUTING PRIOR TO ROUGH-IN.
19. ALL 120/208/240V PANELBOARDS SHALL HAVE MINIMUM 14KAIC RATING, UNLESS OTHERWISE NOTED.
20. ALL PANELBOARDS SHALL HAVE COPPER OR ALUMINUM BUS AND BOLT-IN BREAKERS. ALL SURFACE MOUNTED PANELS IN ANY FINISHED AREAS SHALL BE PROVIDED WITH SKIRTS FLOOR TO CEILING (FIELD VERIFY DIMENSIONS), AND ELSEWHERE AS NOTED ON THE PLANS.
21. ALL PANELBOARDS SHALL HAVE TYPED CIRCUIT DIRECTORIES, PLACED BEHIND CLEAR PLASTIC PROTECTIVE COVER. DESIGNATIONS ON DIRECTORY SHALL BE MORE DESCRIPTIVE THAN AS SHOWN ON THE DRAWING PANEL SCHEDULES. "SPARES" AND "SPACES" SHALL BE INDICATED ON DIRECTORY WITH ERASABLE PENCIL.
22. ALL PANELBOARDS SHALL BE PROVIDED WITH NAMEPLATES SECURED TO EQUIPMENT WITH STEEL SCREWS. NAMEPLATES SHALL BE LAMINATED PLASTIC WITH ENGRAVED 3/4" MIN. WHITE LETTERS ON BLACK BACKGROUND AND SHALL INDICATE PANEL DESIGNATION, VOLTAGE, PHASE, AND AMPACITY AND LOCATION OF OVERCURRENT PROTECTIVE DEVICE FEEDING PANEL.
23. ALL PANELBOARDS SHALL BE PROVIDED WITH GROUND BUS/GROUND STRIP MOUNTED ON A CLEAN SURFACE OF THE PANELBOARD CAN. GROUND CONDUCTOR SHALL BE PROVIDED TO THE PANELBOARD GROUND BUS FROM THE GROUND SYSTEM IN THE SERVICE ENTRANCE SECTION OF DISTRIBUTION SECTION.
24. ALL PANELBOARDS SHALL HAVE FACTORY FURNISHED CIRCUIT BREAKER NUMBERING. PUNCHED TAPE OR MARKERS WILL NOT BE PERMITTED. BRANCH CIRCUIT BREAKER NUMBER ON PANELBOARDS SHALL MATCH NUMBERING AS SHOWN ON THE PLANS.
25. ALL BRANCH CIRCUIT CONDUCTORS EXTENDING FROM PANELBOARDS TO RESPECTIVE DEVICES SHALL BE COLOR CODED AND SHALL BE INSTALLED CONTINUOUS IN EACH RUN AND SHALL HAVE A TAG DESIGNATING THE BRANCH CIRCUIT NUMBERS LOCATED AT ALL JUNCTION BOXES. THE COLOR CODE SCHEME SHALL BE AS FOLLOWS:
a. FOR 120/208V: PHASE A BLACK, PHASE B RED, PHASE C BLUE, NEUTRAL WHITE, EQUIPMENT GROUND GREEN
26. PER NEC, ALL BRANCH CIRCUIT PANELBOARDS SHALL BE PROVIDED WITH GFI AND AFCI CIRCUIT BREAKERS FOR APPROPRIATE CIRCUITS. TWO AND THREE POLE CIRCUIT BREAKERS SHALL BE PROVIDED FOR MULTIWIRE BRANCH CIRCUITS. USE HACR BREAKERS FOR HEATING/AIR CONDITIONING LOADS AND SVWD BREAKERS FOR LIGHTING CIRCUITS.
27. PROVIDE ALL PANELS WITH LUGS/CONNECTIONS SIZED FOR FEEDERS SPECIFIED. FEEDERS MAYBE OVERSIZED PER NEC FOR DERATING FACTORS. COORDINATE FEEDER SIZES WITH EQUIPMENT SUPPLIER PRIOR TO ORDERING.
28. RATE PANELBOARDS FOR SERVICE ENTRANCE EQUIPMENT WHERE APPLICABLE, SHORT CIRCUIT RATING OF PANELBOARDS AND OVER-CURRENT PROTECTION TO BE COORDINATED WITH EXISTING UPSTREAM OVER-CURRENT PROTECTION PRIOR TO ISSUANCE OF SUBMITTALS. PROPERLY LABEL ALL PANELBOARDS.
29. ALL WALL MOUNTED EMERGENCY AND EXIT LIGHT FIXTURES IN PUBLIC AREAS SHALL BE FURNISHED WITH LEXAN SHIELDS, NO EXCEPTIONS. SHIELDS SHALL HAVE A HOLE DRILLED TO ALLOW BATTERY TEST BUTTON ON LIGHT TO BE PUSHED WITHOUT REMOVING SHIELD.
30. COORDINATE THE EXACT LOCATIONS OF ALL CEILING MOUNTED LIGHT FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLAN AND ALL OTHER TRADES WORK. NOTIFY ARCHITECT AND ENGINEER IMMEDIATELY FOR CONFLICTS OF LOCATIONS.
31. ALL KEYPED TYPE SWITCHES SHALL BE LEVITON, SERIES #122X 2L, FOR 'X', 1 = SINGLE POLE, 2 = 2 POLE, 3 = 3 WAY, 4 = 4WAY.
32. COORDINATE ALL EXTERIOR FIXTURE LOCATIONS AND INTERIOR WALL MOUNTED FIXTURES WITH ARCHITECTURAL ELEVATIONS AND FIELD VERIFY EXACT LOCATION PRIOR TO ROUGH IN.
33. PROVIDE VANDAL SHIELDS ON ALL EXTERIOR POLE LIGHTS AND HOUSE SIDE SHIELDS WERE INSTALLED IN RESIDENTIAL AREAS.
34. ALL EXTERIOR LIGHTING SHALL COMPLY WITH THE STATE OF NEW MEXICO "DARK SKIES ENFORCEMENT ACT", AND SHALL ALSO COMPLY WITH ALL "CITY OF ALBUQUERQUE LIGHTING ORDINANCES."
35. EMERGENCY LIGHT FIXTURES SHALL BE MOUNTED MAXIMUM 10' 0" AFF.
36. LIGHT FIXTURES IN STAIRWELLS SHALL BE CIRCUITED TO AN UNSWITCHED NORMALLY HOT CIRCUIT.
37. PROVIDE DUAL LEVEL SWITCHING OF LAMPS IN FIXTURES IN CLASSROOMS AND OFFICES.
38. ALL DEVICE PLATES SHALL BE BRUSHED STAINLESS STEEL TYPE.
39. ALL SWITCHES SHALL BE PROVIDED WITH PERMANENT LABELING IDENTIFYING PANEL AND BRANCH CIRCUIT CONNECTED TO.
40. EXTERIOR LIGHTING SHALL BE CONTROLLED FROM ELECTRONIC TIME CLOCKS WITH "ASTRONOMICAL" FEATURE. REFER TO "EXTERIOR LIGHTING" DETAILS AND DIAGRAMS.
41. ALL FIXTURE WHIPS SHALL BE #12 MIN.
42. HALF SHADED LIGHTING FIXTURE SYMBOL REPRESENT EMERGENCY TYPE FIXTURES. CONNECT TO UNSWITCHED LIGHTING CIRCUIT.
43. ALL NEW CONDUIT/WIRING FOR NEW FIXTURES SHALL BE CONCEALED. EXPOSED CONDUIT OR WIREWAY IS UNACCEPTABLE. MINIMIZE DAMAGE TO EXISTING WALLS REPLACE IN THE SAME SEQUENCE. ROUTING OF FEEDERS AND MATERIALS USED FOR FIXTURES IN THE WALLS SHALL BE APPROVED BY ARCHITECT AND ENGINEER PRIOR TO ROUGH IN. REPAIR AND GROUT AROUND NEW J-BOXES AND FINISH AS NECESSARY TO MATCH EXISTING FINISH. COORDINATE WITH ARCHITECT IN FIELD PRIOR TO ROUGH IN TO AVOID CONFLICTS.
44. ALL HOME RUN CIRCUITS OVER 100FT. SHALL BE SIZED AT #10 AWG MIN.
45. COORDINATE AND PROVIDE ALL POWER NECESSARY FOR MECHANICAL EQUIPMENT AS INDICATED ON THE MECHANICAL AND PLUMBING DRAWINGS.
46. CEILING MOUNTED J BOXES, DEVICES, AND EQUIPMENT SHOWN FOR SCHEMATIC PURPOSES ONLY. CONTRACTOR SHALL COORDINATE EXACT PLACEMENT OF CEILING MOUNTED EQUIPMENT WITH ALL TRADES WORK IN FIELD WITH CONSIDERATION OF FIELD CONDITIONS TO AVOID CONFLICTS. LOCATION OF ALL DEVICES SHALL BE COORDINATED ARCHITECTURAL DRAWINGS PRIOR TO ROUGH IN.
47. REFER TO MECHANICAL PLANS FOR EXACT LOCATION OF ALL MECHANICAL EQUIPMENT AND ELECTRICAL CHARACTERISTICS. VERIFY EQUIPMENT LOCATIONS WITH MECHANICAL PRIOR TO ROUGH IN.
48. AT ALL ACCESS DOOR LOCATIONS FOR MECHANICAL AND ELECTRICAL EQUIPMENT IN HARD CEILING AREAS, PROVIDE A SINGLE POLE SWITCH, DUPLEX RECEPTACLE AND KEYLESS PORCELAIN SOCKET WITH 1 A19/IF, 100 WATT LAMP AND WIRE GUARD PER NEC REQUIREMENTS. COORDINATE WITH MECHANICAL.
49. ALL CONDUIT SHALL BE CONCEALED IN WALLS AND ABOVE CEILINGS. EXPOSED CONDUIT AND CONDUIT INSTALLED ON THE ROOF WILL NOT BE APPROVED UNDER ANY CIRCUMSTANCE.
50. MOUNT DISCONNECT SWITCH IN CONVENIENT LOCATION AT UNIT, PER NEC. COORDINATE LOCATION OF CONTROLS WITH MECHANICAL PRIOR TO CONDUIT ROUGH IN. PROVIDE DISCONNECT SWITCH WITH EQUIPMENT GROUND BUS AND TERMINATE ALL EQUIPMENT GROUNDING CONDUCTORS AT DISCONNECT SWITCH EQUIPMENT GROUND BUS (DO NOT USE SCREW OR SINGLE LUG FOR EQUIPMENT GROUND CONNECTION). PROVIDE WEATHER TIGHT FLEXIBLE CONDUIT CONNECTION FROM DISCONNECT SWITCH TO UNIT (NO EXCEPTIONS). ALL CONDUIT SHALL BE CONCEALED AS MUCH AS POSSIBLE FROM THE DISCONNECT SWITCH TO THE PANEL INDICATED. DISCONNECT SWITCH SHALL BE PROVIDED WITH ENGRAVED MICARTA NAMEPLATE INDICATING PANEL AND BRANCH CIRCUIT CONNECTED TO. COORDINATE MOTOR HORSEPOWER OF UNIT, VOLTAGE AND PHASE FOR SERVICE PROVIDED WITH MECHANICAL TO AVOID CONFLICTS IN THE FIELD.
51. ALL EMPTY SPECIAL SYSTEMS FEEDER CONDUITS EXTENDING BETWEEN COMMUNICATIONS CLOSETS SHALL BE PROVIDED WITH AN UNSPLICED, MEASURED PULL TAPE, NO EXCEPTIONS.
52. IDENTIFY RACEWAYS OF CERTAIN SYSTEMS WITH COLOR BANDING: BAND EXPOSED OR ACCESSIBLE RACEWAYS OF THE FOLLOWING SYSTEMS FOR IDENTIFICATION. BANDS SHALL BE PRETENSIONED, SNAP AROUND COLORED PLASTIC SLEEVES, COLORED ADHESIVE MARKING TAPE, OR A COMBINATION OF THE TWO. MAKE EACH COLOR BAND 2 INCHES WIDE, COMPLETELY ENCIrcLING CONDUIT, AND PLACE ADJACENT BANDS OF TWO-COLOR MARKINGS IN CONTACT, SIDE BY SIDE. INSTALL BANDS AT CHANGES IN DIRECTION, AT PENETRATIONS OF WALLS AND FLOORS, AND AT 40 FOOT MAXIMUM INTERVALS IN STRAIGHT RUNS. APPLY THE FOLLOWING COLORS:
A. FIRE ALARM SYSTEM: RED
B. SECURITY ALARM SYSTEMS: BLUE AND YELLOW
C. MECHANICAL AND ELECTRICAL SUPERVISORY SYSTEM: GREEN AND BLUE
D. DATA SYSTEM: GREEN AND YELLOW
E. TV SYSTEMS: GREEN
F. SOUND/PA: ORANGE
G. TELEPHONE: ORANGE AND YELLOW
H. 120/208V POWER: BLACK
53. FIRE ALARM: THE FIRE ALARM SYSTEM SHALL BE A COMPLETE SYSTEM BY THE ELECTRICAL CONTRACTOR. EQUIPMENT CONTROL PANELS, DEVICES AND CABLING SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL OR FIRE ALARM SUBCONTRACTOR. ALL CONDUIT SHALL BE 3/4" MINIMUM, NO EXCEPTIONS. THE FIRE ALARM SYSTEM SHALL BE AN ADDRESSABLE TYPE AND SHALL LOOP BETWEEN ALL OUTLETS AND DEVICES.
54. SECURITY SYSTEM: THE SECURITY SYSTEM SHALL BE A CONDUIT AND OUTLET ROUGH-IN SYSTEM BY THE ELECTRICAL CONTRACTOR. EQUIPMENT, DEVICES AND CABLING SHALL BE FURNISHED AND INSTALLED UNDER A SEPARATE CONTRACT WITH OWNER. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION AND ROUTING OF THE CONDUIT SYSTEM WITH THE SECURITY SYSTEMS CONTRACTOR AND SHALL OBTAIN CONDUIT ROUTING PLANS PRIOR TO ROUGH IN. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL TERMINAL AND EQUIPMENT CABINETS AS INDICATED ON THE DRAWINGS AND PER THE SECURITY SYSTEM DETAILS IN THESE DOCUMENTS, NO SUBSTITUTIONS IN MANUFACTURER OR SIZE OF THE CABINETS WILL BE ALLOWED. ZONE SECURITY SYSTEM PER OWNER SECURITY DEPARTMENT REQUIREMENTS.
55. COMMUNICATIONS/TELEPHONE: THE COMMUNICATIONS/TELEPHONE SYSTEM SHALL BE A CONDUIT AND OUTLET ROUGH IN SYSTEM BY THE ELECTRICAL CONTRACTOR. EQUIPMENT, DEVICES AND CABLING SHALL BE FURNISHED AND INSTALLED UNDER A SEPARATE CONTRACT WITH OWNER. EACH COMMUNICATIONS/TELEPHONE OUTLET SHALL BE PROVIDED WITH A 3/4" CONDUIT STUB UP TO THE ACCESSIBLE CEILING SPACE UNLESS OTHERWISE INDICATED. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL TERMINAL CABINETS, BACKBOARDS, ETC., AS INDICATED ON THE DRAWINGS. ALL CONDUITS BETWEEN WIRING CENTERS, TERMINAL CABINETS, ETC., SHALL BE PROVIDED WITH AN UNSPLICED, MEASURED, PULLTAPE. COMMUNICATIONS/TELEPHONE OUTLETS AND CABLE SHALL NOT BE COMBINED WITH DATA/COMPUTER SYSTEM OUTLETS. ALL OUTLETS AND CONDUIT SHALL BE SEPARATE, NO EXCEPTIONS.
56. MEDIA RETRIEVAL/TELEVISION: THE MEDIA RETRIEVAL/TELEVISION SYSTEM SHALL BE A CONDUIT AND OUTLET ROUGH IN SYSTEM BY THE ELECTRICAL CONTRACTOR. EQUIPMENT, DEVICES AND CABLING SHALL BE FURNISHED AND INSTALLED UNDER A SEPARATE CONTRACT WITH OWNER. ALL MEDIA RETRIEVAL/TELEVISION CABLING SHALL BE INSTALLED IN CONDUIT, CONTINUOUS FROM THE DEVICE TO THE CABLE TRAY AS INDICATED ON THE DRAWINGS. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL TERMINAL CABINETS AS INDICATED ON THE DRAWINGS.
57. DATA/COMPUTER SYSTEM: THE DATA/COMPUTER SYSTEM SHALL BE A COMPLETE SYSTEM BY THE ELECTRICAL CONTRACTOR. EQUIPMENT, DEVICES AND CABLING SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. EACH DATA/COMPUTER OUTLET SHALL BE PROVIDED WITH A 3/4" CONDUIT STUB UP TO THE ACCESSIBLE CEILING SPACE UNLESS OTHERWISE INDICATED. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL TERMINAL CABINETS AS INDICATED ON THE DRAWINGS. ALL CONDUITS BETWEEN WIRING CENTERS, TERMINAL CABINETS, ETC., SHALL BE PROVIDED WITH AN UNSPLICED, MEASURED, PULLTAPE. DATA/COMPUTER OUTLETS AND CABLE SHALL NOT BE COMBINED WITH COMMUNICATIONS SYSTEM OUTLETS. ALL OUTLETS AND CONDUIT SHALL BE SEPARATE, NO EXCEPTIONS.
58. ALL STROBES SHALL BE SYNCHRONIZED AND COMPLY WITH NFPA 72, FIRE ALARMS, AND NFPA 101, LIFE SAFETY CODE.
59. ALL DEVICES SHALL BE ADA COMPLIANT.

ELECTRICAL SYMBOLS LEGEND
LIGHTING
SYMBOL DESCRIPTION
LIGHT (SEE LIGHT FIXTURE SCHEDULE)
EMERGENCY LIGHT
LIGHT 2X2 (SEE LIGHT FIXTURE SCHEDULE)
RECESSED DOWNLIGHT
PENDANT
LIGHTING TRACK
CEILING SURFACE MOUNTED
LINEAR CEILING SURFACE MOUNTED
SCONCE
VANITY LIGHT
STRIP LIGHT
UNDER CABINET
OUTDOOR POLE MOUNTED
OUTDOOR SCONCE
OUTDOOR WALL PACK
EMERGENCY EXIT
EMERGENCY EGRESS, 90" AFF
CEILING FAN
SINGLE POLE SWITCH, 42" AFF
THREE WAY SWITCH, 42" AFF
FOUR WAY SWITCH, 40" AFF
WEATHER PROOF SWITCH, 42" AFF
DIMMER SWITCH, 42" AFF
MOTOR SWITCH, 42" AFF
PUSH BUTTON SWITCH
TIME SWITCH
LIGHTING CONTACTOR
PHOTO CELL
OCCUPANCY SENSOR
EXISTING DEVICE SHOWN DASHED
NOTE: THIS SYMBOLS LEGEND IS A GENERAL REPRESENTATION OF DEVICES USED. SOME PROJECTS MAY NOT UTILIZE ALL SYMBOLS REPRESENTED. COORDINATE ALL SYMBOLS FROM PLANS.

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Revision Schedule
ISSUE: 100% CD
PROJECT NUMBER: SEE ARCH.
FILE:
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DATE: 09/08/23
SHEET TITLE
ELECTRICAL GENERAL NOTES AND LEGEND
E001

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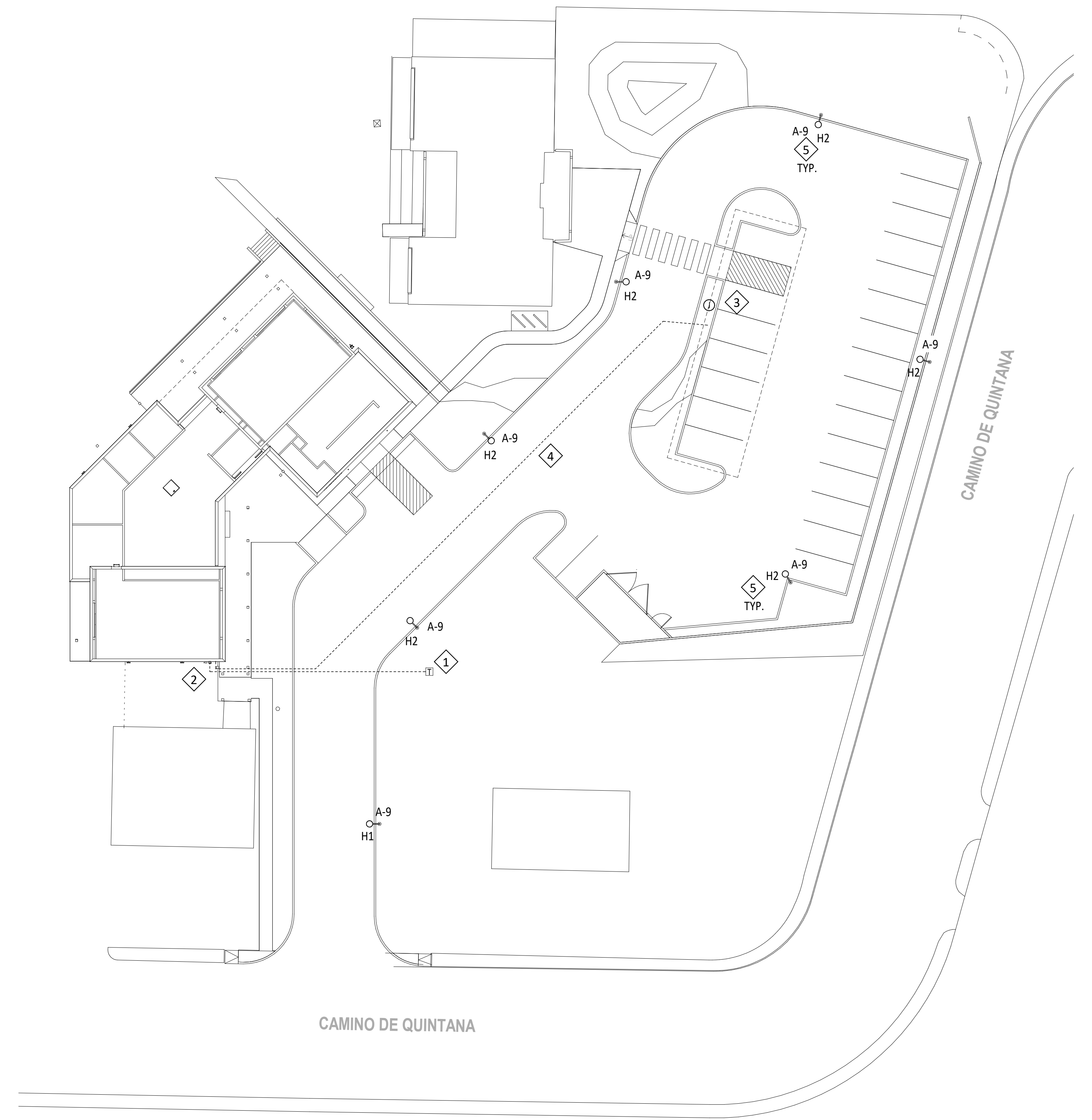
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SITE ELECTRICAL PLAN
1" = 20'-0"

KEY NOTES : ◆

1. NEW PAD MOUNTED TRANSFORMER. COORDINATE WITH UTILITY FOR ALL REQUIREMENTS AND REFER TO RISER DIAGRAM FOR ADDITIONAL INFORMATION.
2. BUILDING DISCONNECT AND METER. SEE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
3. FEED TWO (2) 100A, 120V, BRANCH CIRCUITS TO CAR CHARGER LOCATION AND TERMINATE PER MANUFACTURER. FEED WITH 2 - #2 CU, 1 - #6 G IN 1 - 1/4" C.
4. PROVIDE 2" CONDUIT FOR FUTURE SOLAR SHADE STRUCTURE. COORDINATE SIZE AND CONDUIT PATH WITH SOLAR DESIGNER.
5. WIRE POLE LIGHTING THROUGH TIME CLOCK. SEE TIME CLOCK DIAGRAM SHEET ES01.



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SFC - ABEDON LOPEZ SENIOR CENTER

PROJECT ADDRESS
ALBUQUERQUE, NM

Key Plan
NTS

| No | Date | Description |
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| Revision Schedule | | |

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SITE ELECTRICAL PLAN

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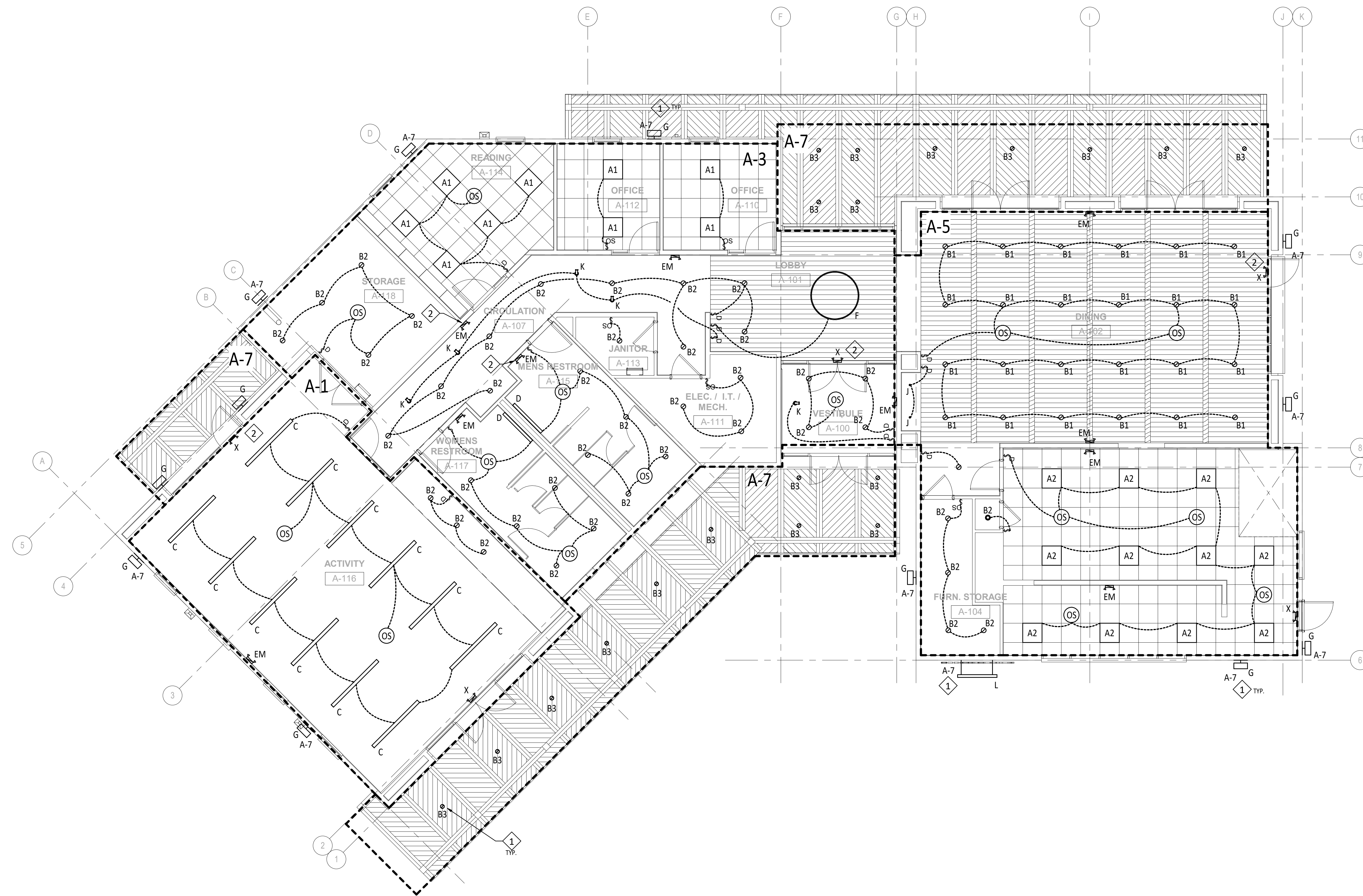
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GENERAL SHEET NOTES:

A. SEE SHEET E601 FOR FIXTURE AND DEVICE SCHEDULES

KEY NOTES: ◆

1. WIRE EXTERIOR FIXTURES THROUGH TIMECLOCK. SEE DETAIL ON SHEET E501.
2. CONNECT EMERGENCY AND EXIT FIXTURES TO UNSWITCHED POWER CIRCUIT.



 **ELECTRICAL LIGHTING FLOOR PLAN**
3/16" = 1'-0"

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Key Plan
NTS

| No | Date | Description |
|-------------------|------|-------------|
| Revision Schedule | | |

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SHEET TITLE
**ELECTRICAL LIGHTING
FLOOR PLAN**

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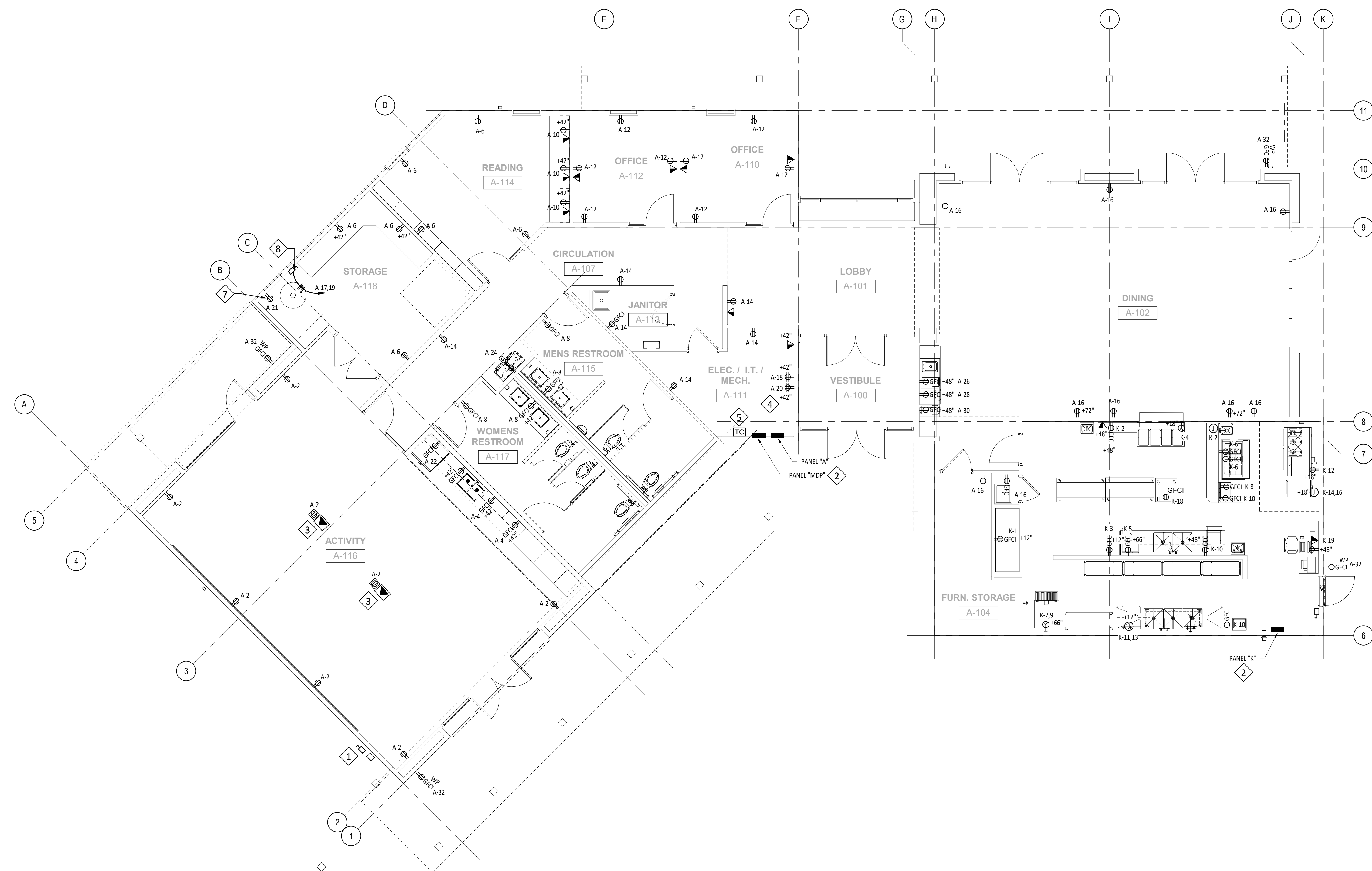
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GENERAL SHEET NOTES:

A. REFER TO E001 AND E601 FOR ADDITIONAL INFORMATION.

KEY NOTES:

1. INSTALL METER AND BUILDING DISCONNECT IN LOCATION SHOWN. SEE ELECTRICAL RISER AND COORDINATE WITH UTILITY FOR ALL REQUIREMENTS.
2. INSTALL PANELBOARD IN LOCATION SHOWN. SEE ELECTRICAL RISER FOR ADDITIONAL REQUIREMENTS.
3. SEE ARCHITECTURE FOR DIMENSIONS AT FLOOR BOXES.
4. PROVIDE TELEPHONE BACKBOARD AT LOCATION SHOWN. REFER TO DETAIL ON SHEET E501.
5. PROVIDE TIMECLOCK AT LOCATION SHOWN REFER TO DETAIL ON SHEET E501.
6. ELECTRICAL CONNECTION FOR WATER HEATER. COORDINATE WITH PLUMBER PRIOR TO STARTING WORK.
7. ELECTRICAL CONNECTION FOR KILN EXHAUST FAN. COORDINATE LOCATION WITH EXHAUST FAN.
8. PROVIDE 240V, 1P, 60A/50A, FUSED DISCONNECT SWITCH FOR KILN POWER. FEED WITH 3 - #6 CU, 1 - #8 CU G, IN 1" C.



 **ELECTRICAL POWER AND SPECIAL SYSTEMS FLOOR PLAN**
3/16" = 1'-0"

CONSULTANTS



TIPTON ENGINEERING

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SANTA FE, NM 87502
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Architect

Engineer



SFC - ABEDON LOPEZ SENIOR CENTER

PROJECT ADDRESS
ALBUQUERQUE, NM

Key Plan

NTS

| No | Date | Description |
|-------------------|------|-------------|
| Revision Schedule | | |

ISSUE: 100% CD

PROJECT NUMBER: SEE ARCH.

FILE:

DRAWN BY: SC

CHECKED BY: KT

DATE: 09/08/23

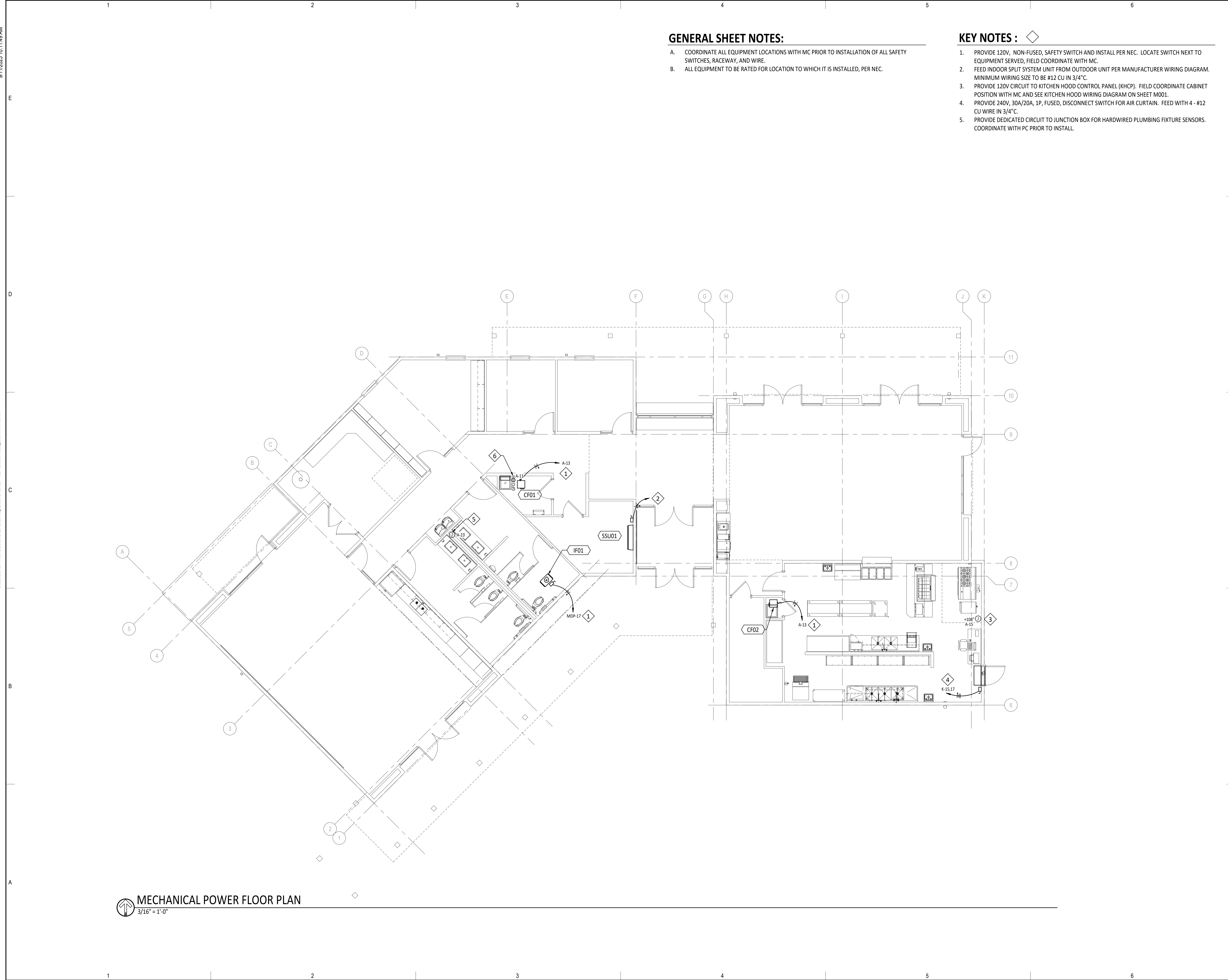
SHEET TITLE

**ELECTRICAL POWER AND
SPECIAL SYSTEMS FLOOR
PLAN**

E120

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GENERAL SHEET NOTES:

- A. COORDINATE ALL EQUIPMENT LOCATIONS WITH MC PRIOR TO INSTALLATION OF ALL SAFETY SWITCHES, RACEWAY, AND WIRE.
- B. ALL EQUIPMENT TO BE RATED FOR LOCATION TO WHICH IT IS INSTALLED, PER NEC.

KEY NOTES:

- 1. PROVIDE 120V, NON-FUSED, SAFETY SWITCH AND INSTALL PER NEC. LOCATE SWITCH NEXT TO EQUIPMENT SERVED, FIELD COORDINATE WITH MC.
- 2. FEED INDOOR SPLIT SYSTEM UNIT FROM OUTDOOR UNIT PER MANUFACTURER WIRING DIAGRAM. MINIMUM WIRING SIZE TO BE #12 CU IN 3/4" C.
- 3. PROVIDE 120V CIRCUIT TO KITCHEN HOOD CONTROL PANEL (KHCP). FIELD COORDINATE CABINET POSITION WITH MC AND SEE KITCHEN HOOD WIRING DIAGRAM ON SHEET M001.
- 4. PROVIDE 240V, 30A/20A, 1P, FUSED, DISCONNECT SWITCH FOR AIR CURTAIN. FEED WITH 4 - #12 CU WIRE IN 3/4" C.
- 5. PROVIDE DEDICATED CIRCUIT TO JUNCTION BOX FOR HARDWIRED PLUMBING FIXTURE SENSORS. COORDINATE WITH PC PRIOR TO INSTALL.

MECHANICAL POWER FLOOR PLAN
3/16" = 1'-0"



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ALBUQUERQUE, NM

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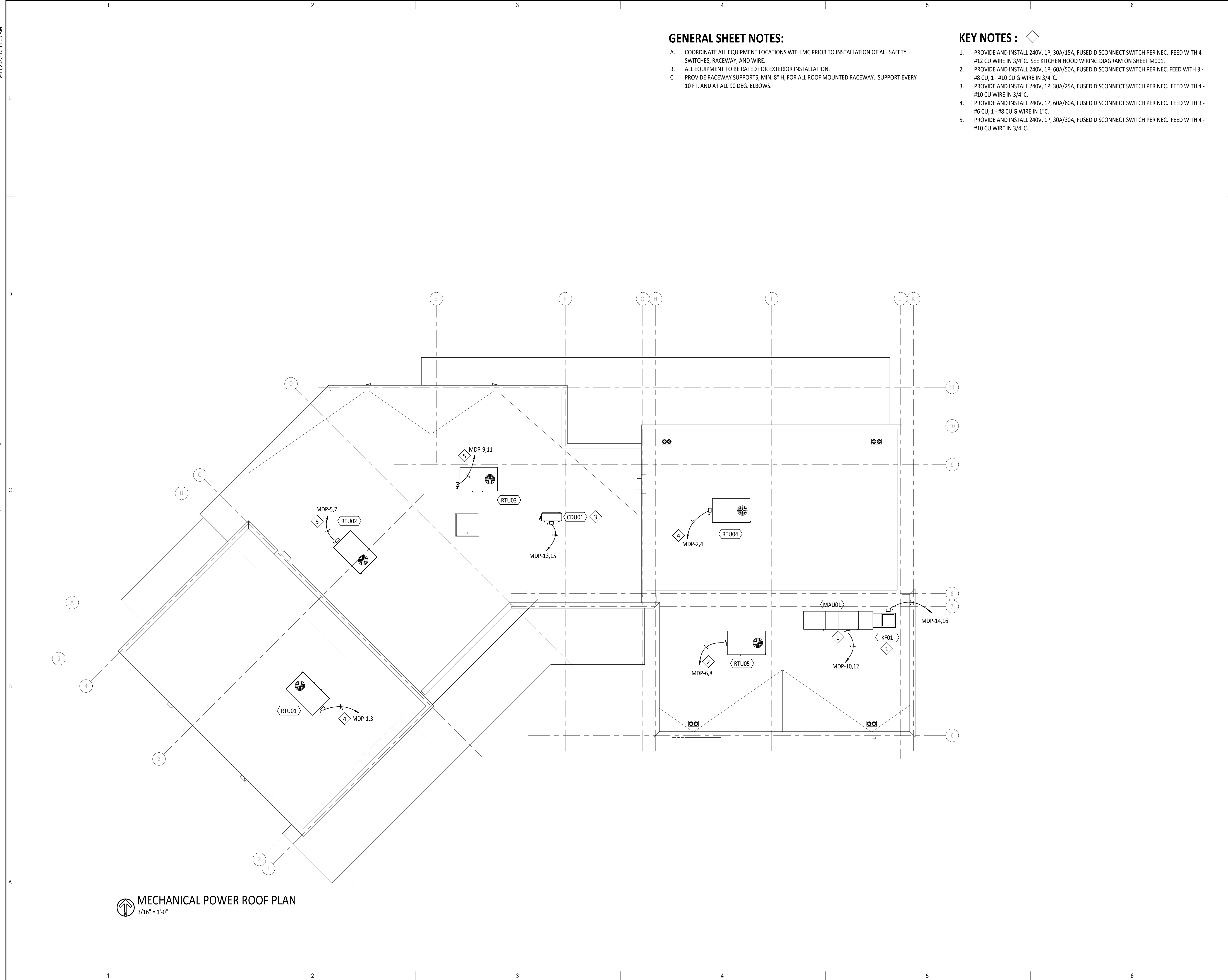
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SHEET TITLE
MECHANICAL POWER FLOOR PLAN

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MECHANICAL POWER ROOF PLAN
3/16" = 1'-0"

GENERAL SHEET NOTES:

- A. COORDINATE ALL EQUIPMENT LOCATIONS WITH MC PRIOR TO INSTALLATION OF ALL SAFETY SWITCHES, RACEWAY, AND WIRE.
- B. ALL EQUIPMENT TO BE RATED FOR EXTERIOR INSTALLATION.
- C. PROVIDE RACEWAY SUPPORTS, MIN. 8" H, FOR ALL ROOF MOUNTED RACEWAY. SUPPORT EVERY 10 FT. AND AT ALL 90 DEG. ELBOWS.

KEY NOTES:

- 1. PROVIDE AND INSTALL 240V, 1P, 30A/15A, FUSED DISCONNECT SWITCH PER NEC. FEED WITH 4-#12 CU WIRE IN 3/4"C. SEE KITCHEN HOOD WIRING DIAGRAM ON SHEET M001.
- 2. PROVIDE AND INSTALL 240V, 1P, 60A/50A, FUSED DISCONNECT SWITCH PER NEC. FEED WITH 3-#8 CU, 1-#10 CU G WIRE IN 3/4"C.
- 3. PROVIDE AND INSTALL 240V, 1P, 30A/25A, FUSED DISCONNECT SWITCH PER NEC. FEED WITH 4-#10 CU WIRE IN 3/4"C.
- 4. PROVIDE AND INSTALL 240V, 1P, 60A/60A, FUSED DISCONNECT SWITCH PER NEC. FEED WITH 3-#6 CU, 1-#8 CU G WIRE IN 1"C.
- 5. PROVIDE AND INSTALL 240V, 1P, 30A/30A, FUSED DISCONNECT SWITCH PER NEC. FEED WITH 4-#10 CU WIRE IN 3/4"C.



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PROJECT ADDRESS
ALBUQUERQUE, NM

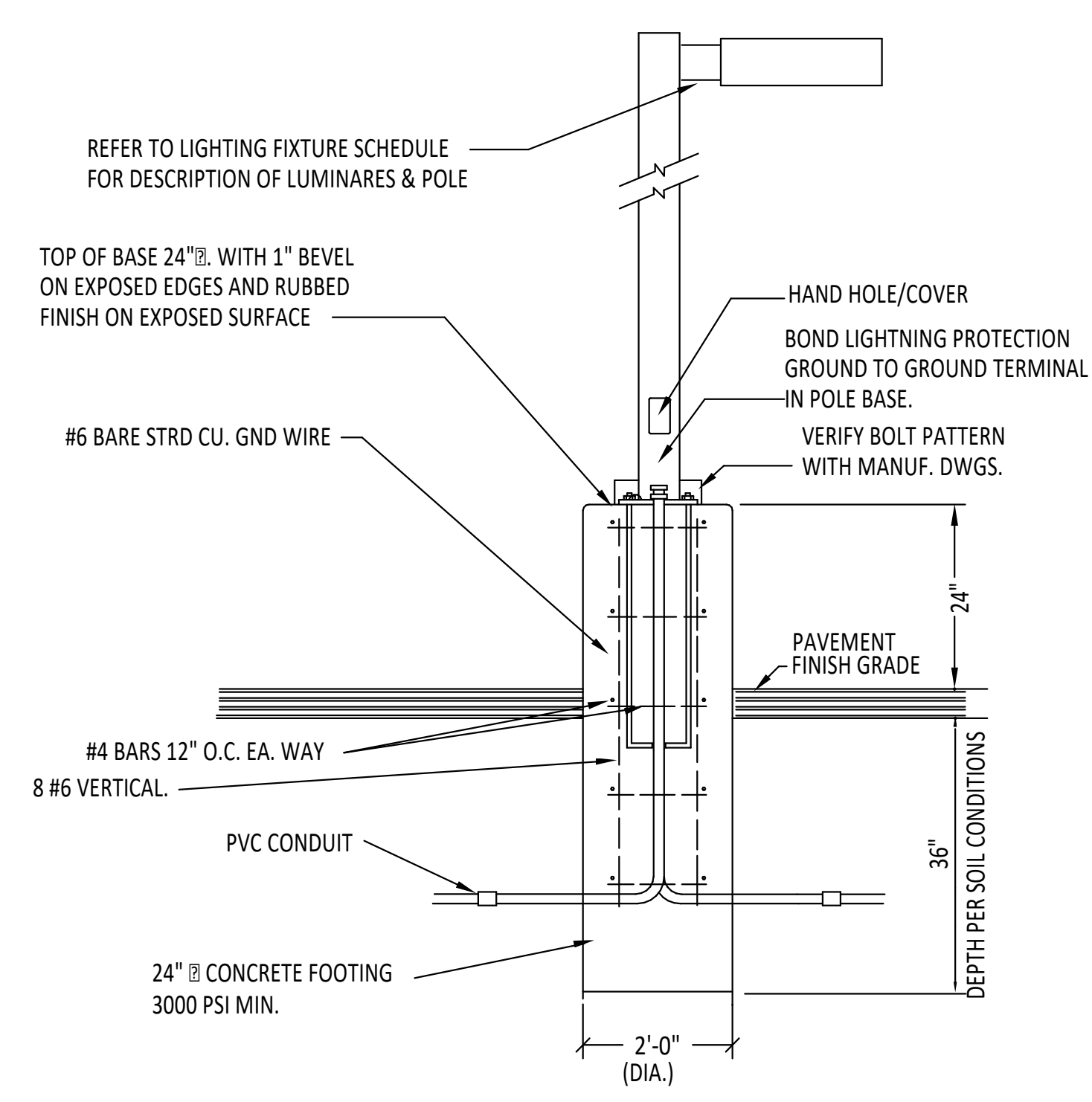
Key Plan
NTS

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| DATE: | 09/08/23 | |

SHEET TITLE
MECHANICAL POWER ROOF PLAN

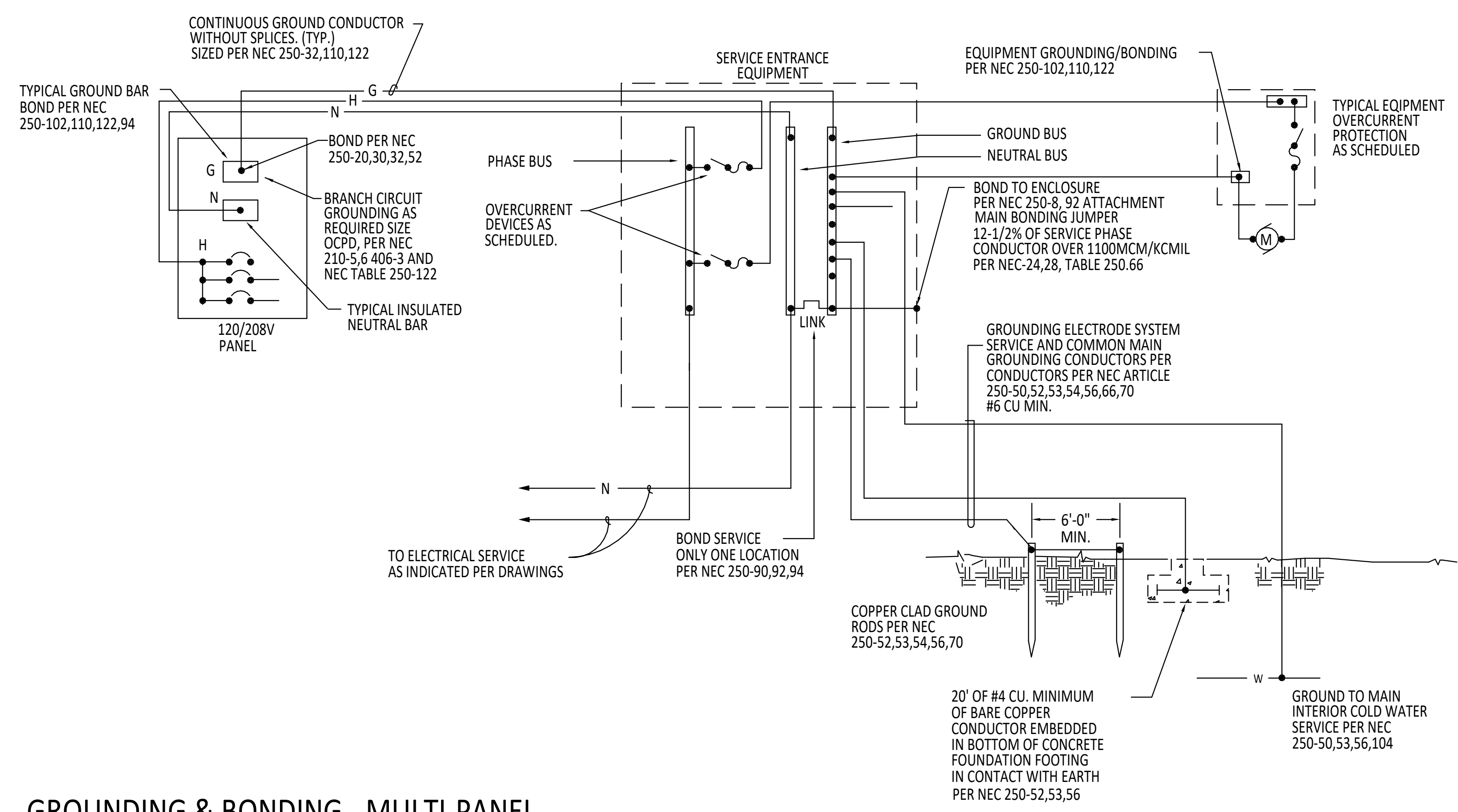
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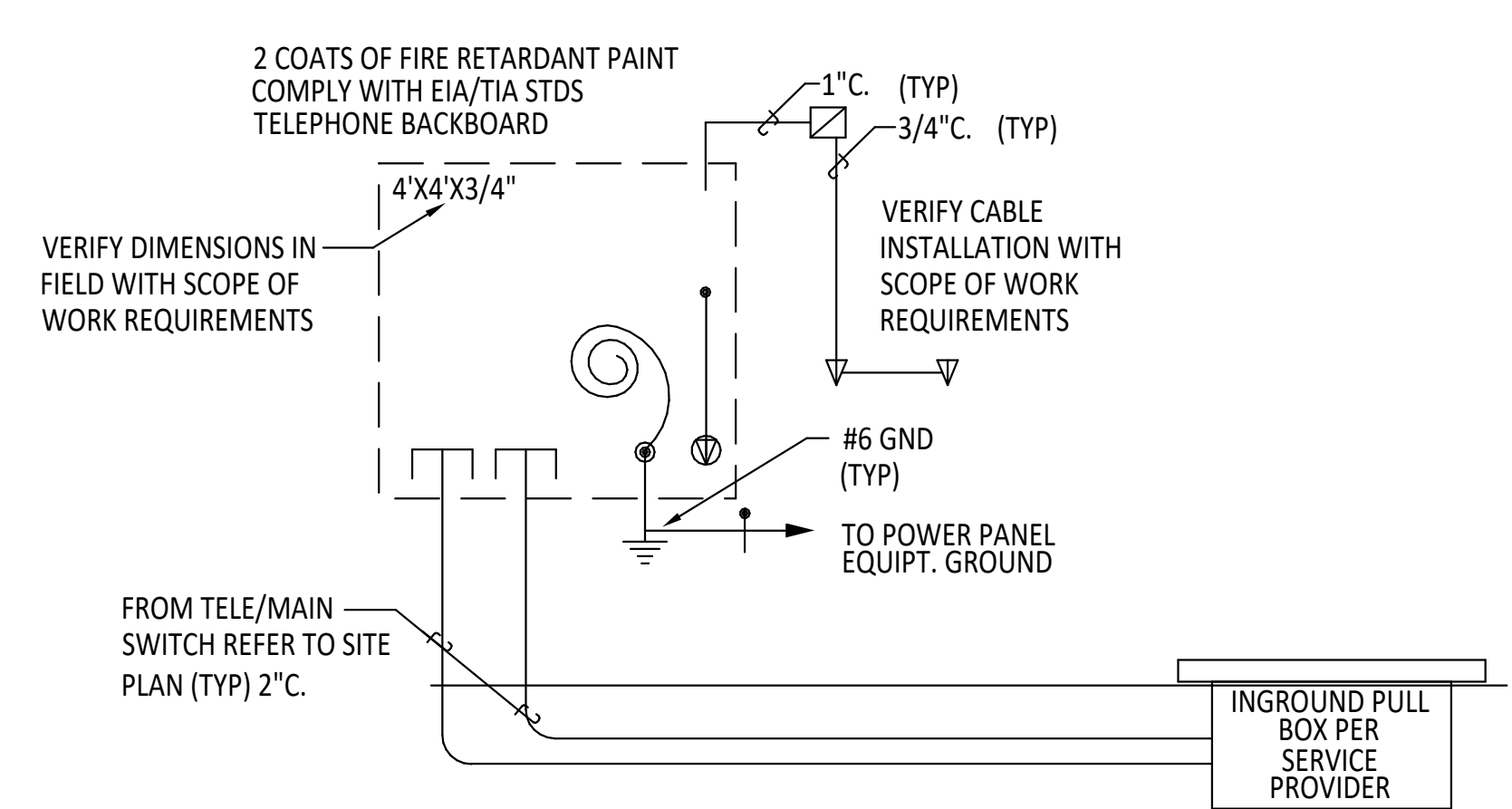
POLE BASE DETAIL

NOT TO SCALE



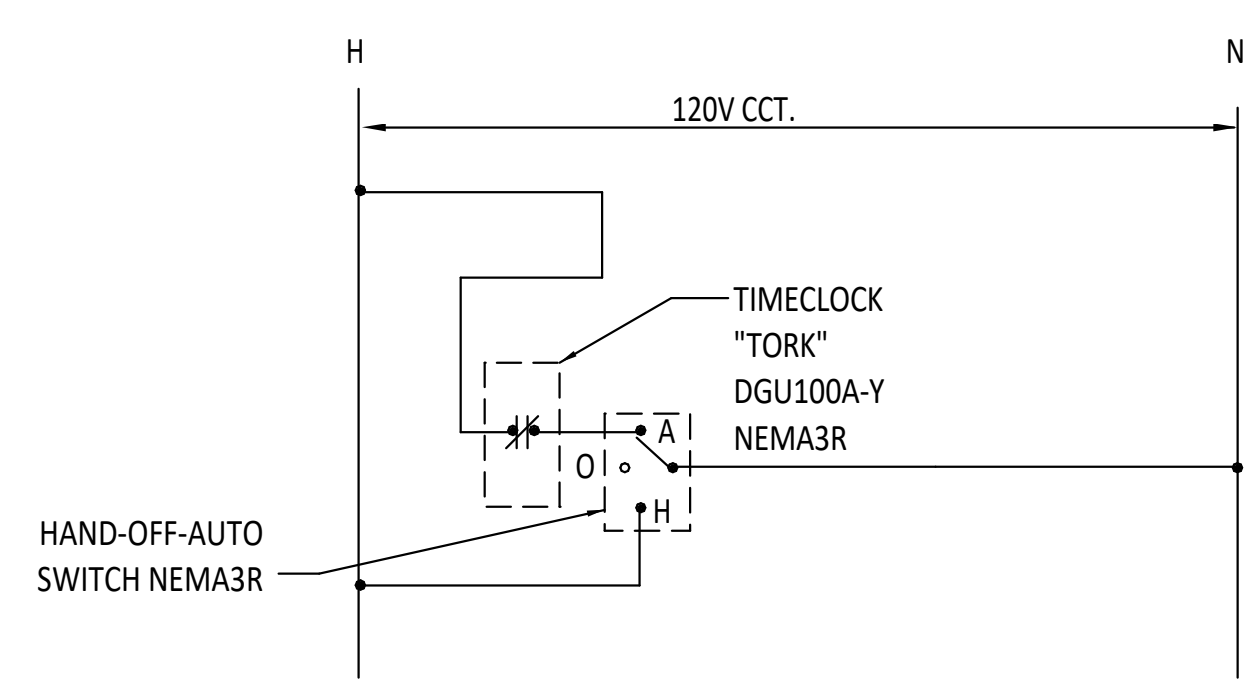
GROUNDING & BONDING - MULTI-PANEL

NOT TO SCALE



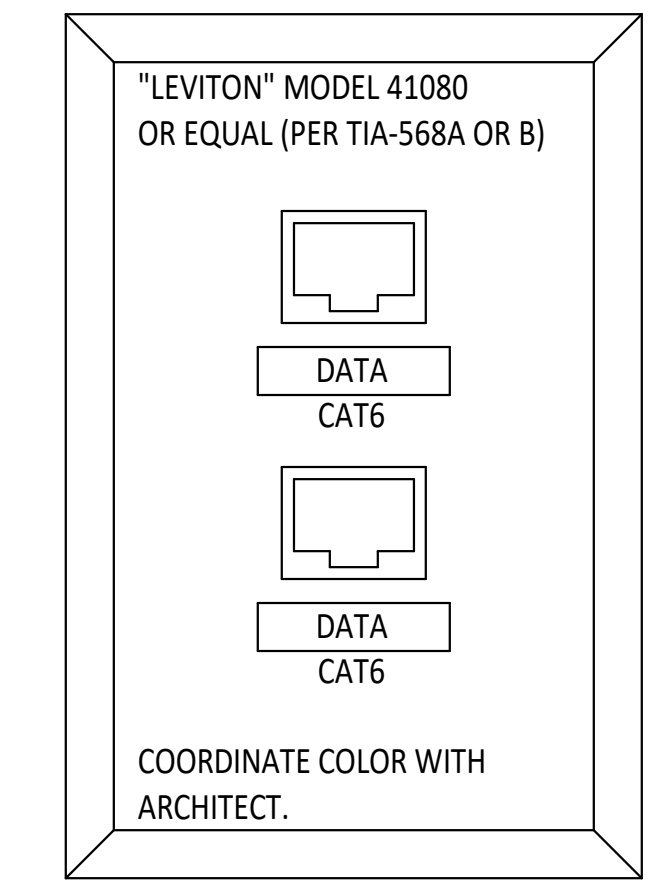
TELEPHONE BACKBOARD

NOT TO SCALE



TIME CLOCK DIAGRAM

NOT TO SCALE



FACEPLATE - 2 PORT

NOT TO SCALE



| No | Date | Description |
|-------------------|------|-------------|
| Revision Schedule | | |

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| PROJECT NUMBER: | SEE ARCH. |
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| DRAWN BY: | SC |
| CHECKED BY: | KT |
| DATE: | 09/08/23 |

| KEY | DESCRIPTION | MANUFACTURE | MODEL NUMBER | MOUNTING |
|-----------------|---|-------------|---|----------|
| ⌘ | LINE VOLTAGE WALL DIMMER SWITCH | ACUTYBRANDS | SPODMRD (OR EQUAL PERFORMANCE) | WALL |
| Ⓢ | LINE VOLTAGE WALL SWITCH & OCCUPANCY SENSOR | ACUTY | CMR-9 / CMR-10 INSTALL PER MANUFACTURER RECOMMENDATIONS (COORDINATE COLOR WITH ARCHITECT PRIOR TO ORDERING) | CEILING |
| ⌘ _{OS} | LINE VOLTAGE WALL DIMMER SWITCH WITH OCCUPANCY SENSOR | ACUTY | WSX-PDT-D (COORDINATE COLOR WITH ARCHITECT PRIOR TO ORDERING) (OR EQUAL PERFORMANCE) | WALL |

| KEY | DESCRIPTION | MANUFACTURER | CATALOG # | TYPE | VOLT. | WATTS/FIXTURE | MOUNTING | COMMENTS |
|-----|---------------------|--------------|---|------|-------|---------------|-----------|--------------------------------|
| A2 | 2X2 | LITHONIA | CPX LED-2X2-4000LM-80CRI-40K-SWL-MIN10-ZT-MVOLT | LED | UNIV | 36 | RECESSED | |
| A2 | 2X2 KITCHEN | LITHONIA | 2WRTL-G-L24-5000LM-AFL-MVOLT-GZ1-40K-80CRI | LED | UNIV | 42 | RECESSED | |
| B1 | RECESSED CAN 1 | LITHONIA | LDN6-40/15-L06-AR-LSS-MVOLT-GZ10 | LED | UNIV | 18 | RECESSED | |
| B2 | RECESSED CAN 2 | LITHONIA | LDN6-40/10-L06-AR-LSS-MVOLT-GZ10 | LED | UNIV | 11 | RECESSED | |
| B3 | RECESSED CAN 3 | LITHONIA | WF6-LED-40K-90CRI | LED | UNIV | 14 | RECESSED | |
| C | 7" LINEAR | BARTCO | 88-40-D-H-A-C4-SN | LED | UNIV | 40 | SUSPENDED | CONFIRM CABLE LENGTH WITH ARCH |
| D | VANITY | LITHONIA | BLWP4-20L-SDSM-GZ10-LP840 | LED | UNIV | 16 | SURFACE | |
| F | RING | BETA-CALCO | 953430-D40-D1 | LED | UNIV | 40 | SURFACE | |
| G | EXTERIOR SCONCE | LITHONIA | WDGE1 LED-P0-40K-80CRI-VV-MVOLT-SRM | LED | UNIV | 7 | SURFACE | |
| H1 | POLE LIGHT 1 | LITHONIA | DSX0 LED-P1-40K-70CRI-BLC3-MVOLT | LED | UNIV | 34 | POLE BASE | |
| H2 | POLE LIGHT 2 | LITHONIA | DSX0 LED-P1-40K-70CRI-BLC4-MVOLT | LED | UNIV | 34 | POLE BASE | |
| J | 2" RECESSED CAN | JUNO | 2CPNC-G2-DC-06LM-40K-80CRI-FL-MVOLT-ZT | LED | UNIV | 14 | RECESSED | |
| K | MONOPOINT | EUREKA | 46900-1X1 LED.HO 35 90 120V DV ME BLKE | LED | 120 | 15 | SURFACE | |
| L | SIGNAGE LIGHT | HYDREL | 4750L-4FT-500LMF-40K-MVOLT-WWD-EA18-ZT | LED | UNIV | 21 | SURFACE | |
| X | EXIT SIGN WITH EM | LITHONIA | LHQM LED | LED | UNIV | 1 | SURFACE | COLOR BY ARCHITECT |
| EM | EMERGENCY WALL PACK | LITHONIA | ELM2L UVOLT LTP M12 | LED | UNIV | 5 | SURFACE | |

COLOR SELECTIONS BY ARCHITECT.

| LOAD DESCRIPTION | CAT # | CB | POLES | CCT # | PHASE A LOAD | PHASE B LOAD | CCT # | POLES | CB | CAT # | LOAD DESCRIPTION |
|-------------------------|-------|----|-------|-------|--------------|--------------|-------|-------|----|-------|------------------|
| LIGHTING ACTIVITY | 1 | 20 | 1 | 1 | 513 | 1440 | 2 | 1 | 20 | 2 | RECEPTACLES |
| OFFICES/LOBBY/ETC. | 1 | 20 | 1 | 3 | 760 | 540 | 4 | 1 | 20 | 2 | RECEPTACLES |
| LIGHTING DINING/KITCHEN | 1 | 20 | 1 | 5 | 966 | 3260 | 6 | 1 | 20 | 2 | RECEPTACLES |
| LIGHTING EXTERIOR | 1 | 20 | 1 | 7 | 543 | 720 | 8 | 1 | 20 | 2 | RECEPTACLES |
| WATER HEATER | 2 | 20 | 1 | 11 | 540 | 600 | 10 | 1 | 20 | 2 | RECEPTACLES |
| CF01 & CF02 | 3 | 20 | 1 | 13 | 600 | 1080 | 14 | 1 | 20 | 2 | RECEPTACLES |
| KHCP | 4 | 20 | 1 | 15 | 600 | 1260 | 16 | 1 | 20 | 2 | RECEPTACLES |
| KILN | 2 | 50 | 2 | 17 | 4730 | 360 | 18 | 1 | 20 | 2 | RECEPTACLES |
| KILN FAN | 3 | 20 | 1 | 21 | 1440 | 360 | 22 | 1 | 20 | 2 | RECEPTACLES |
| RR SENSORS | 2 | 20 | 1 | 23 | 600 | 1200 | 24 | 1 | 20 | 2 | RECEPTACLES |
| SPARE | 20 | 1 | 25 | 0 | 0 | 0 | 26 | 1 | 20 | 2 | RECEPTACLES |
| SPARE | 20 | 1 | 27 | 0 | 0 | 0 | 28 | 1 | 20 | 2 | RECEPTACLES |
| SPARE | 20 | 1 | 29 | 0 | 0 | 0 | 30 | 1 | 20 | 2 | RECEPTACLES |
| SPARE | 20 | 1 | 31 | 0 | 0 | 0 | 32 | 1 | 20 | 2 | RECEPTACLES |
| SPARE | 20 | 1 | 33 | 0 | 0 | 0 | 34 | 1 | 20 | 2 | RECEPTACLES |
| SPARE | 20 | 1 | 35 | 0 | 0 | 0 | 36 | 1 | 20 | 2 | RECEPTACLES |
| SPARE | 20 | 1 | 37 | 0 | 0 | 0 | 38 | 1 | 20 | 2 | RECEPTACLES |
| SPARE | 20 | 1 | 39 | 0 | 0 | 0 | 40 | 1 | 20 | 2 | RECEPTACLES |
| SPARE | 20 | 1 | 41 | 0 | 0 | 0 | 42 | 1 | 20 | 2 | RECEPTACLES |
| Total VA | | | | | 15327 | 13153 | | | | | |

| Load Category | Connected | Dmd % | Demand |
|-----------------|-----------|-------|--------|
| 1) Lighting | 2820 | 1.25 | 3525 |
| 2) Receptacles | 10000 | 1 | 10000 |
| 3) Motor | 13000 | 0.5 | 6500 |
| 4) Sub - Panels | 2040 | 1.25 | 2550 |
| Total | 600 | 1 | 600 |

FED FROM PANEL MDP
 PER NEC: ALL MULTIWIRE BRANCH CIRCUITS SHALL BE PROVIDED WITH MULTIPOLE CIRCUIT BREAKERS PROVIDE SUBFEED CIRCUIT BREAKER SIZED AS SHOWN FOR ELECTRICAL EQUIPMENT.
 PROVIDE HACR TYPE CIRCUIT BREAKERS FOR MECH EQUIPMENT
 PROVIDE SWD TYPE CIRCUIT BREAKERS FOR LIGHTING CIRCUITS
 PROVIDE AFCI TYPE CIRCUIT BREAKERS AS REQ. BY NEC AND AHJ
 PROVIDE GFCI TYPE CIRCUIT BREAKERS AS REQ. BY NEC AND AHJ

PANEL "A", 120/240V, 1PH, 3W
 150AMP, MLO, 42 CIRCUIT, SURFACE MOUNTED.
 NEMA 1 ENCLOSURE, TOP/BOTTOM FEED, DOOR-IN-DOOR

| LOAD DESCRIPTION | CAT # | CB | POLES | CCT # | PHASE A LOAD | PHASE B LOAD | CCT # | POLES | CB | CAT # | LOAD DESCRIPTION |
|-----------------------|-------|----|-------|-------|--------------|--------------|-------|-------|----|-------|------------------|
| RECEPTACLES FREEZER | 2 | 20 | 1 | 1 | 1440 | 1200 | 2 | 1 | 20 | 2 | KITCHEN EQ. |
| REFRIGERATOR | 2 | 20 | 1 | 3 | 1440 | 2000 | 4 | 1 | 20 | 4 | KITCHEN EQ. |
| KITCHEN EQ. MICROWAVE | 4 | 20 | 1 | 5 | 1608 | 1440 | 6 | 1 | 20 | 4 | KITCHEN EQ. |
| ICE MACHINE | 3 | 20 | 2 | 7 | 1200 | 1608 | 8 | 1 | 20 | 4 | KITCHEN EQ. |
| DISHWASHER | 3 | 40 | 2 | 11 | 1200 | 3840 | 12 | 1 | 20 | 4 | KITCHEN EQ. |
| AIR CURTAIN | 3 | 15 | 2 | 15 | 5520 | 240 | 16 | 2 | 60 | 4 | STEAMER |
| RECEPTACLES COMPUTER | 2 | 20 | 1 | 19 | 360 | 360 | 20 | 1 | 20 | 2 | RECEPTACLES |
| SPARE | 20 | 1 | 21 | 0 | 0 | 0 | 22 | 1 | 20 | 2 | RECEPTACLES |
| SPARE | 20 | 1 | 23 | 0 | 0 | 0 | 24 | 1 | 20 | 2 | RECEPTACLES |
| SPARE | 20 | 1 | 25 | 0 | 0 | 0 | 26 | 1 | 20 | 2 | RECEPTACLES |
| SPARE | 20 | 1 | 27 | 0 | 0 | 0 | 28 | 1 | 20 | 2 | RECEPTACLES |
| SPARE | 20 | 1 | 29 | 0 | 0 | 0 | 30 | 1 | 20 | 2 | RECEPTACLES |
| Total VA | | | | | 18768 | 17048 | | | | | |

| Load Category | Connected | Dmd % | Demand |
|----------------------|-----------|-------|--------|
| 1) Lighting | 0 | 1.25 | 0 |
| 2) Receptacles | 4800 | 1 | 4800 |
| 3) Motor | 10560 | 1.25 | 13200 |
| 4) Kitchen Equipment | 20096 | 0.9 | 18086 |
| Total | 0 | 35456 | 36086 |

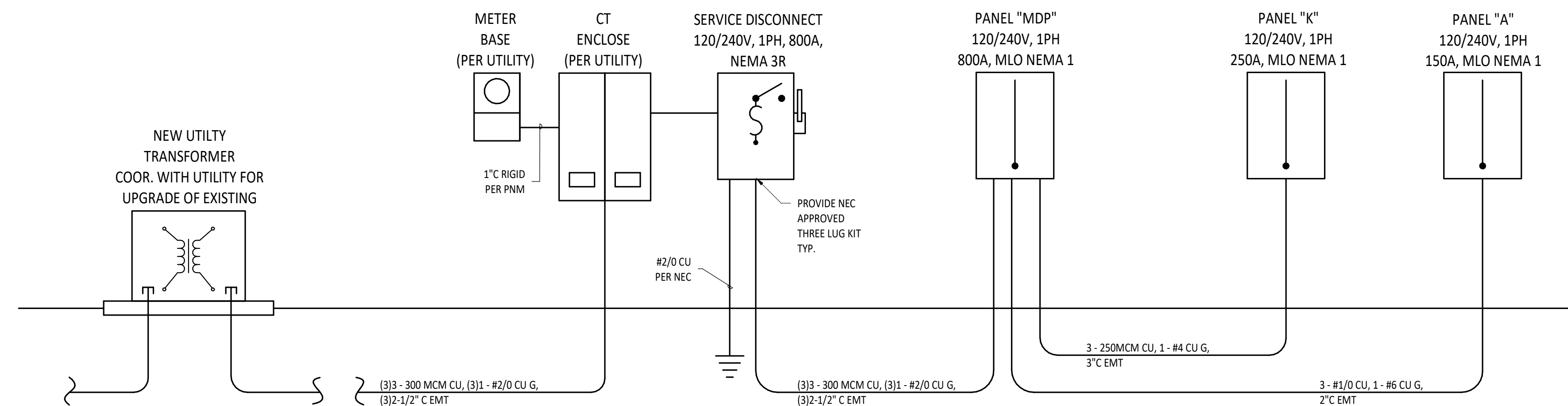
FED FROM PANEL MDP
 PER NEC: ALL MULTIWIRE BRANCH CIRCUITS SHALL BE PROVIDED WITH MULTIPOLE CIRCUIT BREAKERS PROVIDE SUBFEED CIRCUIT BREAKER SIZED AS SHOWN FOR ELECTRICAL EQUIPMENT.
 PROVIDE HACR TYPE CIRCUIT BREAKERS FOR MECH EQUIPMENT
 PROVIDE SWD TYPE CIRCUIT BREAKERS FOR LIGHTING CIRCUITS
 PROVIDE AFCI TYPE CIRCUIT BREAKERS AS REQ. BY NEC AND AHJ
 PROVIDE GFCI TYPE CIRCUIT BREAKERS AS REQ. BY NEC AND AHJ

PANEL "K", 120/240V, 1PH, 3W
 250AMP, MLO, 30 CIRCUIT, SURFACE MOUNTED.
 NEMA 3R ENCLOSURE, TOP/BOTTOM FEED, DOOR-IN-DOOR

| LOAD DESCRIPTION | CAT # | CB | POLES | CCT # | PHASE A LOAD | PHASE B LOAD | CCT # | POLES | CB | CAT # | LOAD DESCRIPTION |
|------------------|-------|-----|-------|-------|--------------|--------------|-------|-------|-----|-------|------------------|
| RTU01 | 3 | 60 | 2 | 1 | 4680 | 4920 | 2 | 1 | 20 | 3 | RTU04 |
| RTU02 | 3 | 30 | 2 | 5 | 3120 | 3720 | 6 | 2 | 50 | 3 | RTU05 |
| RTU03 | 3 | 30 | 2 | 9 | 3120 | 3720 | 8 | 2 | 50 | 3 | RTU05 |
| COU01 | 3 | 25 | 2 | 11 | 1800 | 840 | 12 | 2 | 15 | 3 | MAU01 |
| IF01 | 3 | 15 | 2 | 17 | 600 | 1800 | 18 | 1 | 20 | | SPARE |
| EV CHARGER | 4 | 100 | 2 | 21 | 9600 | 0 | 22 | 1 | 20 | | SPARE |
| EV CHARGER | 4 | 100 | 2 | 23 | 9600 | 0 | 24 | 1 | 20 | | SPARE |
| PANEL "X" | 4 | 250 | 2 | 27 | 18043 | 11600 | 28 | 2 | 150 | 4 | PANEL "A" |
| Total VA | | | | | 72963 | 72363 | | | | | |

| Load Category | Connected | Dmd % | Demand |
|-----------------|-----------|-------|--------|
| 1) Lighting | 0 | 1.25 | 0 |
| 2) Receptacles | 1680 | 1 | 1680 |
| 3) Motor | 14760 | 1.25 | 18450 |
| 4) Sub - Panels | 97686 | 1 | 97686 |
| Total | 143326 | | 149016 |

FED FROM SERVICE DISCONNECT
 800AMP, MLO, GROUND MOUNT, NEMA 1 ENCLOSURE,
 PER NEC: ALL MULTIWIRE BRANCH CIRCUITS SHALL BE PROVIDED WITH MULTIPOLE CIRCUIT BREAKERS PROVIDE SUBFEED CIRCUIT BREAKER SIZED AS SHOWN FOR ELECTRICAL EQUIPMENT.
 PROVIDE HACR TYPE CIRCUIT BREAKERS FOR MECH EQUIPMENT
 PROVIDE SWD TYPE CIRCUIT BREAKERS FOR LIGHTING CIRCUITS
 PROVIDE AFCI TYPE CIRCUIT BREAKERS AS REQ. BY NEC AND AHJ
 PROVIDE GFCI TYPE CIRCUIT BREAKERS AS REQ. BY NEC AND AHJ



ELECTRICAL RISER DIAGRAM
 NOT TO SCALE

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SFC - ABEDON LOPEZ SENIOR CENTER

PROJECT ADDRESS
 ALBUQUERQUE, NM

Key Plan
 NTS

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| CHECKED BY: | KT | |
| DATE: | 09/08/23 | |

SHEET TITLE
 ELECTRICAL DIAGRAMS AND SCHEDULES

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A

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GENERAL PROJECT NOTES:

- A. COMPLETE ALL WORK IN FULL COMPLIANCE WITH THE U.P.C., U.M.C., I.B.C., LIFE SAFETY CODE, N.F.P.A., ADA, AND ALL LOCAL CODES AND ORDINANCES.
- B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE LAYOUT AND INSTALLATION OF THE PLUMBING SYSTEMS INCLUDING ALL COORDINATION WITH NEW AND EXISTING SERVICES, MECHANICAL EQUIPMENT, ELECTRICAL EQUIPMENT, CONDUIT, CEILING, AND ANY OTHER EQUIPMENT THAT MAY REQUIRE COORDINATION EFFORTS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR COORDINATION OF TEMPORARY CUT-OFF OF WATER, SEWER AND NATURAL GAS WITH OWNER AND FOR ALL NECESSARY TRENCHING, BACKFILLING, CUTTING, PATCHING, REPAIRING, ETC., ASSOCIATED WITH THE INSTALLATION OF THE PLUMBING SYSTEM SHOWN ON THE PLANS AND DESCRIBED IN THE SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE INSTALLATION OF THE FIXTURES WITH THE LOCAL CODE REQUIREMENTS FOR HANDICAP ACCESSIBILITY.
- C. VERIFY INVERTS BEFORE ROUTING ANY AND ALL PIPING. NO COMPENSATION WILL BE MADE FOR CONTRACTOR'S FAILURE TO COORDINATE WORK WITH GENERAL CONTRACTOR AND OWNER, AND TO TOTALLY FAMILIARIZE HIMSELF WITH ALL CONSTRAINTS AND LIMITATIONS OF THE WORK REQUIRED.
- D. WASTE PIPING SHALL BE STANDARD PVC. VENT PIPING SHALL BE PVC ABOVE AND BELOW THE FLOOR.
- E. ALL WATER PIPING SHALL BE TYPE L COPPER OR PEX ABOVE FLOOR AND TYPE K COPPER, OR PEX BELOW THE FLOOR. PVC CANNOT BE USED FOR DOMESTIC HOT WATER PIPING. ALL COPPER JOINTS SHALL BE MADE WITH 95/5 TIN/ANTIMONY OR SILVER SOLDERED JOINTS. NO LEAD SOLDER ALLOWED.
- F. NATURAL GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL ABOVE GRADE AND SHALL BE SCHEDULE 40 BLACK STEEL WRAPPED WITH SCOTCHCHWRAP OR POLYETHYLENE PIPING WHEN BURIED. PIPING SHALL BE PAINTED WHEN EXPOSED.
- G. REFER TO PLUMBING FIXTURE SCHEDULE FOR WASTE, VENT, AND WATER LINE SIZES FOR INDIVIDUAL FIXTURES.
- H. MINIMUM DEPTH OF BURY:

| | |
|----------|--------|
| WATER | 48 IN. |
| SEWER | 24 IN. |
| NAT. GAS | 24 IN. |
- I. 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 OWNER OR ENGINEER. BE RESPONSIBLE FOR ALL REQUIRED TRANSITIONS, OFFSETS, MINOR RELOCATIONS, AND ALL ASSOCIATED FITTINGS, PIPING, AND EQUIPMENT TO INSTALL A COMPLETE AND OPERATIONAL SYSTEM.
- J. 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 TWO FEET ABOVE THE SEWER LINE. WHEN WATER AND SEWER LINES CROSS EACH OTHER, THE WATER SHALL BE AT LEAST THREE FEET ABOVE THE SEWER LINE; OTHERWISE, THE SEWER LINE SHALL BE OF CAST IRON PIPE, OR EQUIVALENT FOR NINE FEET EACH SIDE OF THE WATER LINE.
- K. 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. 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.
- L. INSTALL ISOLATION VALVES AND UNIONS AT ALL BRANCH TAKEOFFS. PROVIDE ACCESS PANELS TO ALL INACCESSIBLE PLUMBING EQUIPMENT TO INCLUDE BUT NOT LIMITED TO VALVES, CONTROL VALVES, ETC.
- M. ALL PIPING (DOMESTIC HOT WATER, DOMESTIC COLD WATER) IN THE BUILDING SHALL BE INSULATED ACCORDING TO THE SPECIFICATIONS OR THE NEW MODEL ENERGY CODE WHICH EVER IS MORE STRINGENT.
- N. DO NOT INSTALL DOMESTIC HOT WATER LINES AND DOMESTIC COLD WATER LINES IN THE SAME TRENCH WITHOUT PERMISSION FROM THE ENGINEER.
- O. PROVIDE WALL CLEANOUTS AT ALL SINKS, LAVATORIES, WATER COOLERS, AND WALL MOUNTED URINALS.
- P. PROVIDE 12 IN. LONG VERTICAL UPWARD CAPPED AIR RISERS AT EACH FIXTURE FOR BOTH HW & CW CONNECTIONS TO SERVE AS SHOCK ABSORBERS.
- Q. PROVIDE GAS COCKS AND FLEXIBLE CONNECTIONS AT EACH GAS OUTLET FOR APPLIANCES AND WATER HEATER.
- R. INSTALL CONDENSATE AND OVERFLOW PIPING FROM ALL MECHANICAL EQUIPMENT DRAIN POINTS. EXTEND AND TERMINATE PER UMC/UPC. ALL CONDENSATE AND OVERFLOW PIPING SHALL BE INSULATED PER SPECIFICATIONS FOR APPROPRIATE TEMPERATURE RANGE.
- S. INSULATE ALL COLD AND HOT WATER SUPPLY TUBING AND P-TRAPS AT EACH ADA LAVATORY WITH "TRAP-WRAP" BY BROCAR PRODUCTS INC. INCLUDE ALL FITTINGS FOR A COMPLETE INSTALLATION.

| PLUMBING LEGEND | | | |
|-----------------|-----------------------------------|--|-----------------------------------|
| EQUIPMENT | | PIPING | |
| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
| | CLEANOUT TO GRADE (CO) | | EXISTING PIPING |
| | DOUBLE CLEANOUT TO GRADE (DCO) | | PIPING TO BE REMOVED |
| | WALL CLEANOUT (WCO) | | SANITARY SEWER PIPING |
| | VENT THROUGH ROOF (V.T.R.) | | VENT PIPING |
| | FLOOR DRAIN (FD) | | DOMESTIC COLD WATER PIPING |
| | FLOOR SINK (FS) | | DOMESTIC HOT WATER PIPING |
| | TRENCH DRAIN (TD) | | DOMESTIC RECIRCULATION PIPING |
| | AREA DRAIN (AD) | | GAS PIPING |
| | HOSE BIBB (HB) | | LOW PRESSURE GAS PIPING |
| | YARD HYDRANT (YH) | | MEDIUM PRESSURE GAS PIPING |
| | TRAP PRIMER (TP) | | LIQUID PETROLEUM GAS PIPING |
| | ACCESS PANEL (AP) | | STORM DRAIN PIPING |
| | WATER HAMMER ARRESTOR (WHA) | | OVER FLOW DRAIN PIPING |
| | ROOF DRAIN (RD) | | ROOF DRAIN PIPING |
| | WASHER BOX (WB) | | CONDENSATE PIPING |
| | EXPANSION TANK (ET) | | COMPRESSED AIR |
| | SUMP PUMP (SP) | | ACID WASTE PIPING |
| | WATER HEATER (WH) | TEXT SYMBOLS | |
| | BACKFLOW PREVENTER (BFP) | SYMBOL | DESCRIPTION |
| | RECIRCULATING PUMP (RP) | | MECHANICAL KEYED NOTES |
| | GAS METER | | PIPE LEADER LINE FOR SIZES |
| FITTINGS | | | POINT OF CONNECTION |
| SYMBOL | DESCRIPTION | | POINT OF DISCONNECTION |
| | UNION | | EQUIPMENT DESIGNATION |
| | ELBOW UP | | REVISION DELTA |
| | ELBOW DOWN | | ARROW INDICATES DIRECTION OF FLOW |
| | TEE UP | | RISE IN DIRECTION OF FLOW |
| | TEE DOWN | | DROP IN DIRECTION OF FLOW |
| | BREAK | NOTE: THIS SYMBOLS LEGEND IS A GENERAL REPRESENTATION OF DEVICES USED. SOME PROJECTS MAY NOT UTILIZE ALL SYMBOLS REPRESENTED. COORDINATE ALL SYMBOLS FROM PLANS. | |
| | CAP | | |
| VALVES | | | |
| SYMBOL | DESCRIPTION | | |
| | GATE VALVE | | |
| | CHECK VALVE | | |
| | BALL VALVE | | |
| | PRESSURE REDUCING VALVE | | |
| | OUTSIDE STEM AND YOKE | | |
| | BALANCING, GAS COCK OR GAUGE COCK | | |
| | STEAM TRAP | | |
| | VALVE IN RISER | | |
| | AUTO FLOW CONTROL VALVE | | |



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SANTA FE, NM 87502
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WWW.TIPTONENGINEERING.CO

Architect Engineer



SFC - ABEDON LOPEZ SENIOR CENTER

PROJECT ADDRESS
ALBUQUERQUE, NM

Key Plan
NTS

| No | Date | Description |
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| Revision Schedule | | |

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| ISSUE: | 100% CD |
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SHEET TITLE
PLUMBING GENERAL NOTES AND LEGEND

P001

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F

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A

| NATURAL GAS SYSTEM CALCULATIONS | | | | |
|---------------------------------|----------|----------|-------------|-------------|
| UNIT TYPE | UNITS | MBH/UNIT | TOTAL MBH | BRANCH SIZE |
| WATER HEATER | 1 | 200 | 200 | 1.25" |
| RTU1 | 1 | 130 | 130 | 1" |
| RTU2 | 1 | 90 | 90 | 1" |
| RTU3 | 1 | 90 | 90 | 1" |
| RTU4 | 1 | 130 | 130 | 1" |
| RTU5 | 1 | 130 | 130 | 1" |
| MAU1 | 1 | 175 | 175 | 1.25" |
| RANGE | 1 | 268 | 268 | 1.25" |
| TOTAL | 8 | | 1213 | |

PRESSURE = 7" W.C.
 PRESSURE DROP = 0.5 PSI
 MAX PIPE LENGTH = 150 FT.

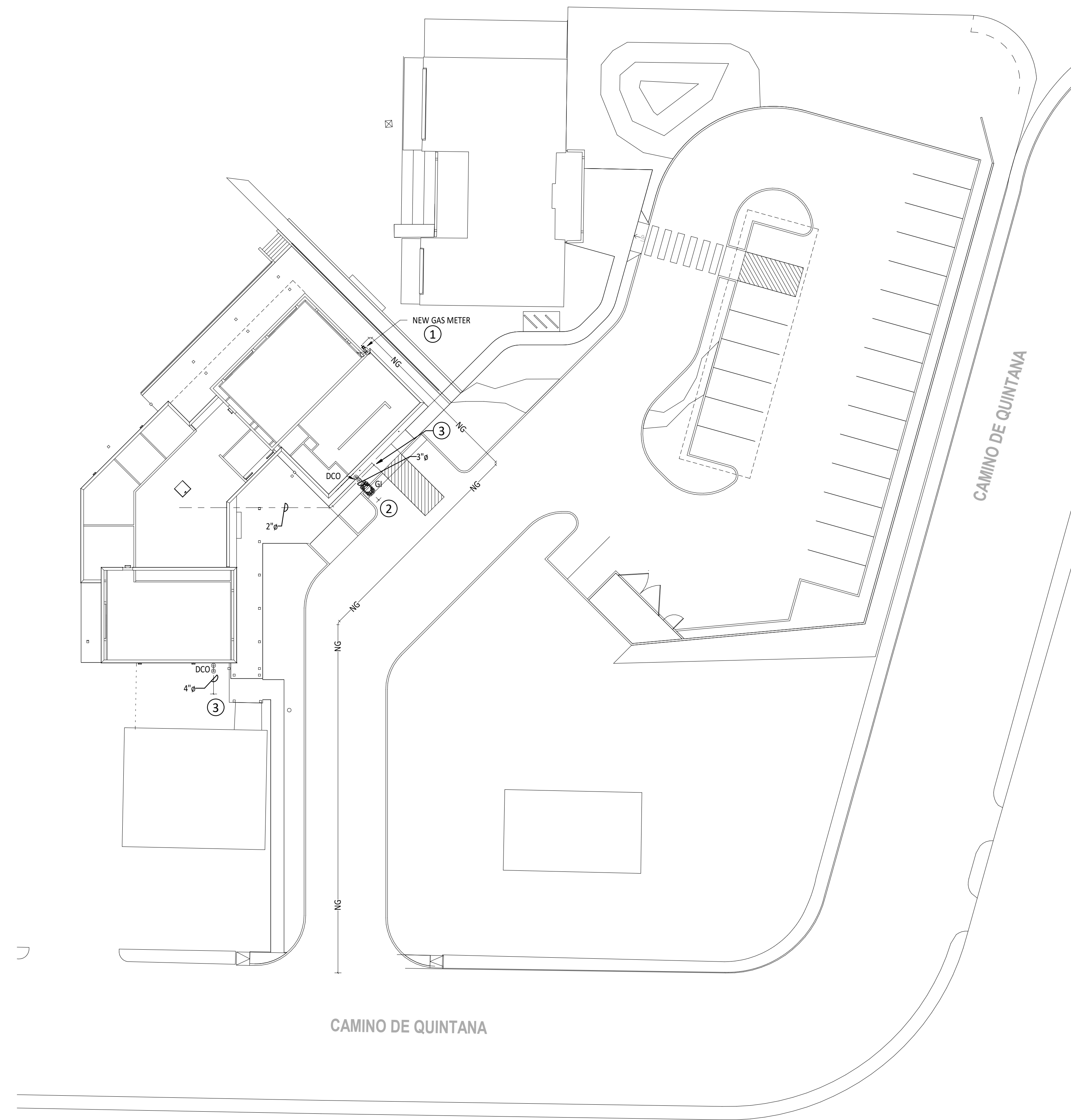
MAIN PIPE SIZE = 2-1/2"
 TOTAL CFHMBH = 1213
 MAX CFHMBH = 1480

GENERAL SHEET NOTES:

- A. ALL PIPE ROUTES ARE DIAGRAMMATIC. FIELD COORDINATE ALL PIPE ROUTES PRIOR TO START OF WORK.

KEY NOTES :

1. INSTALL NEW 1213 CFH GAS METER AND REGULATOR @ 7" W.C. IN LOCATION SHOWN. INSTALL SHUT OFF VALVE ON MAIN LINE BEFORE RISE UP TO ROOF. COORDINATE WITH NEW MEXICO GAS COMPANY FOR FURTHER REQUIREMENTS.
2. COORDINATE WITH CIVIL DRAWINGS FOR CONNECTION OF NEW GREASE INTERCEPTOR PIPE TO EXISTING.
3. COORDINATE WITH CIVIL DRAWINGS FOR CONTINUATION OF SANITARY SEWER AND DOMESTIC WATER.



SITE ULITILY
 1" = 20'-0"

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Architect

Engineer



SFC - ABEDON LOPEZ SENIOR CENTER

PROJECT ADDRESS
 ALBUQUERQUE, NM

Key Plan
 NTS

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|-------------------|------|-------------|
| Revision Schedule | | |

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SHEET TITLE
SITE ULITILY PLAN

SU101

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GENERAL SHEET NOTES:

- A. ALL PIPE ROUTES ARE DIAGRAMMATIC. FIELD COORDINATE ALL PIPE ROUTES PRIOR TO START OF WORK.
- B. ALL KITCHEN EQUIPMENT AND FIXTURES BY OTHERS.

KEY NOTES :

- 1. SEE CIVIL DRAWINGS FOR CONTINUATION OF SANITARY SEWER PIPE.
- 2. INSTALL DOUBLE CLEANOUTS PER UPC. IN LOCATION SHOWN. SEE "EXTERIOR DOUBLE CLEANOUT DETAIL" FOR FURTHER INFORMATION.
- 3. INSTALL WALL CLEANOUT ABOVE FINISHED FLOOR IN LOCATION SHOWN. SEE "WALL CLEANOUT DETAIL" FOR FURTHER INFORMATION.
- 4. INSTALL NEW GREASE INTERCEPTOR IN LOCATION SHOWN. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
- 5. PROVIDE COW TONGUE WITH SCREEN BY JAY R SMITH NO. 1775. TERMINATE AR 36" A.F.F. COORDINATE WITH ARCHITECT FOR FINAL LOCATION.
- 6. TERMINATE MAIN ROOF DRAIN INTO CONCRETE THRU IN SIDEWALK WITH METAL GRATE. SHEET FLOW TO STORM DRAINAGE. SEE CIVIL DRAWING FOR CONTINUATION.
- 7. ROUTE AND INSTALL VENT THRU ROOF IN LOCATION SHOWN. TERMINATE PER UPC. SEE "PIPE PENETRATION THRU ROOF DETAIL" FOR FURTHER INFORMATION.
- 8. CONNECT NEW GREASE INTERCEPTOR TO EXISTING SANITARY SEWER ON SITE. COORDINATE WITH CIVIL FOR CONNECTION.

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Engineer

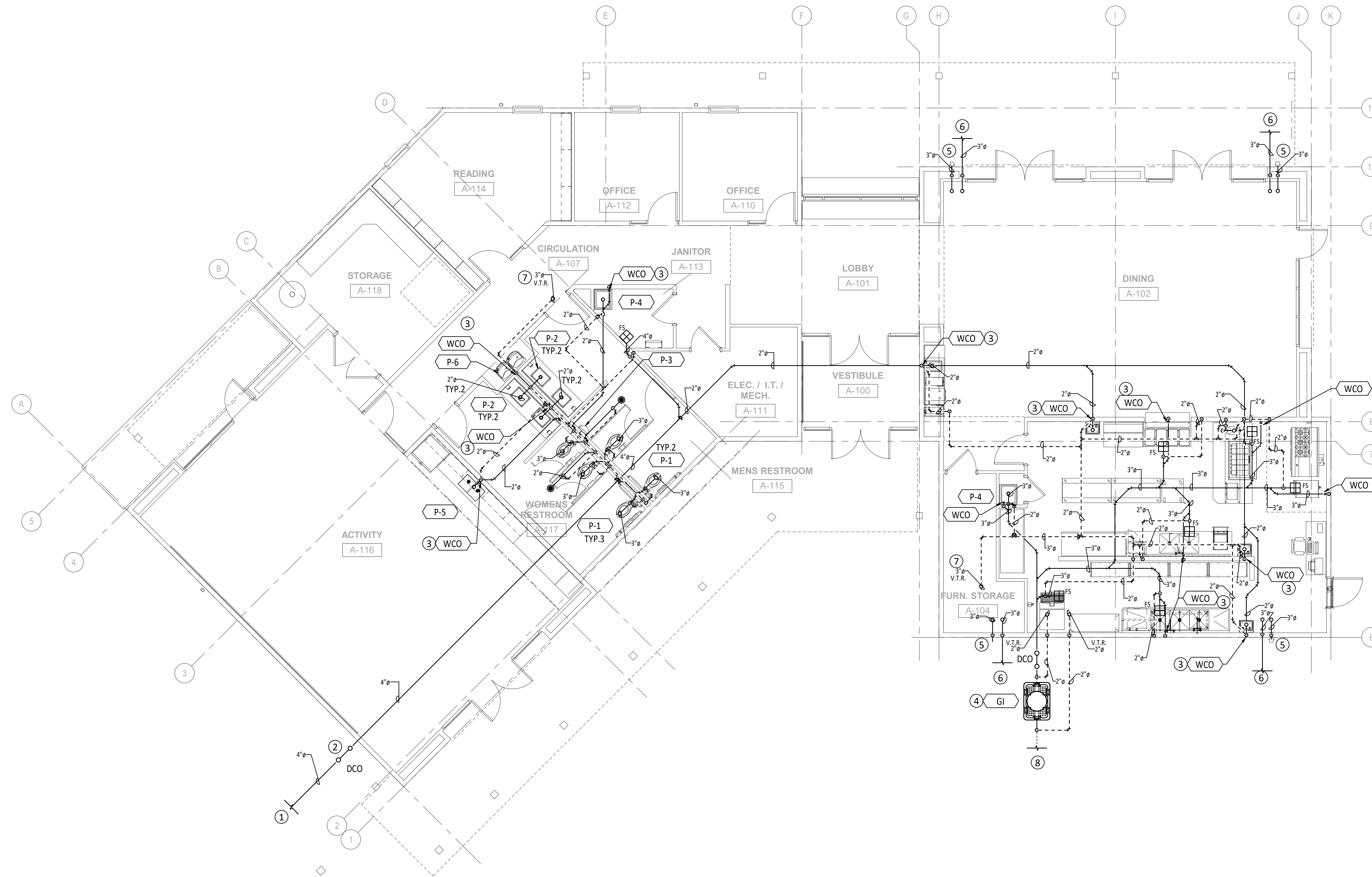


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ALBUQUERQUE, NM

Key Plan

NTS



PLUMBING WASTE AND VENT FLOOR PLAN
3/16" = 1'-0"

| No | Date | Description |
|-------------------|------|-------------|
| Revision Schedule | | |

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PROJECT NUMBER: SEE ARCH.

FILE:

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DATE: 09/08/23

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PLUMBING WASTE AND VENT FLOOR PLAN

P110

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| NATURAL GAS SYSTEM CALCULATIONS | | | | |
|---------------------------------|-------|----------|-----------|-------------|
| UNIT TYPE | UNITS | MBH/UNIT | TOTAL MBH | BRANCH SIZE |
| WATER HEATER | 1 | 200 | 200 | 1.25" |
| RTU1 | 1 | 130 | 130 | 1" |
| RTU2 | 1 | 90 | 90 | 1" |
| RTU3 | 1 | 90 | 90 | 1" |
| RTU4 | 1 | 130 | 130 | 1" |
| RTU5 | 1 | 130 | 130 | 1" |
| MAU1 | 1 | 175 | 175 | 1.25" |
| RANGE | 1 | 268 | 268 | 1.25" |
| TOTAL = | | | 1213 | |

PRESSURE = 7" W.C.
 PRESSURE DROP = 0.5 PSI
 MAX PIPE LENGTH = 150 FT.

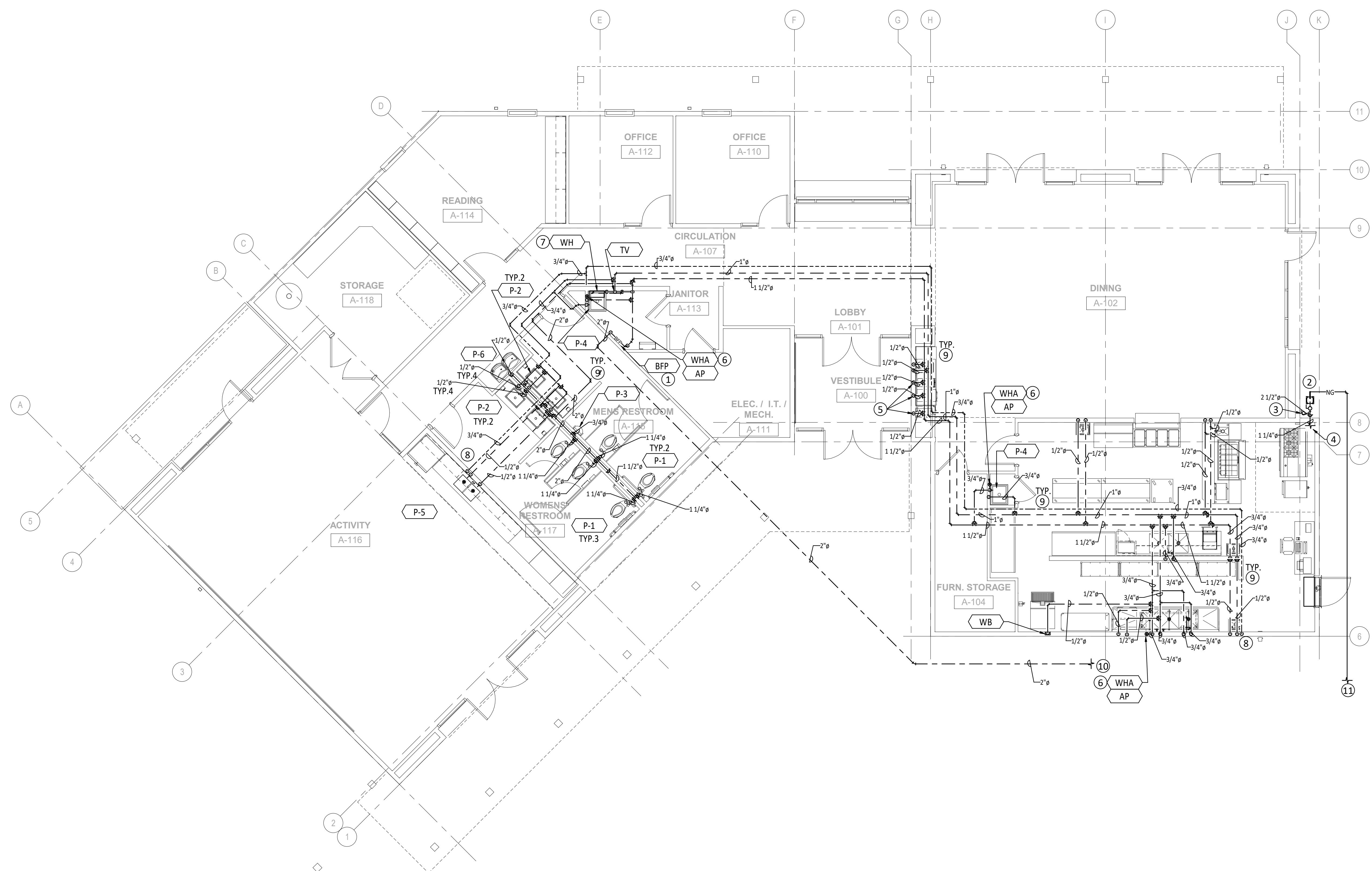
MAIN PIPE SIZE = 2-1/2"
 TOTAL CFHMBH = 1213
 MAX CFHMBH = 1480

GENERAL SHEET NOTES:

- A. ALL PIPE ROUTES ARE DIAGRAMMATIC. FIELD COORDINATE ALL PIPE ROUTES PRIOR TO START OF WORK.
- B. ALL KITCHEN EQUIPMENT AND FIXTURES BY OTHERS.

KEY NOTES :

1. INSTALL UPC APPROVED REDUCED PRESSURE BACKFLOW PREVENTION DEVICE IN JAN. CLOSET. ROUTE 4IN. DISCHARGE PIPE TO FLOOR SINK BELOW.
2. INSTALL NEW 1213 CFH GAS METER AND REGULATOR @ 7IN W.C. IN LOCATION SHOWN. INSTALL SHUT OFF VALVE ON MAIN LINE BEFORE RISE UP TO ROOF. COORDINATE WITH NEW MEXICO GAS COMPANY FOR FURTHER REQUIREMENTS.
3. ROUTE GAS PIPE UP WALL TO ROOF ABOVE.
4. ROUTE AND CONNECT GAS TO EQUIPMENT. SEE "GAS CONNECTION EQUIPMENT DETAIL" FOR FURTHER INFORMATION.
5. ROUTE DOMESTIC WATER PIPE DOWN TO STUB OUT TO COFFEE, TEA AND JUICE MACHINES BELOW.
6. INSTALL WATER HAMMER ARRESTOR AND ACCESS PANEL IN LOCATION SHOWN. COORDINATE WITH ARCH FOR FINAL LOCATION.
7. INSTALL WATER HEATER IN JAN. CLOSET. INSTALL REDUCED PRESSURE VALVE AND EXPANSION TANK UPSTREAM OF DOMESTIC COLD WATER CONNECTION TO WATER HEATER. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER ROUGH-IN LOCATION PRIOR TO INSTALL. INSTALL WATER HEATER PER MANUFACTURERS RECOMMENDATIONS.
8. ROUTE RECIRCULATION PIPE DOWN AND CONNECT WITHIN 2 FEET OF DOMESTIC HOT WATER STUBOUT.
9. ROUTE DOMESTIC WATER IN CEILING SPACE ABOVE AND ROUTE PIPE DOWN TO FIXTURE BELOW
10. SEE CIVIL DRAWINGS FOR CONTINUATION OF DOMESTIC WATER PIPE.
11. SEE SU101 FOR CONTINUATION OF NATURAL GAS PIPE.



PLUMBING DOMESTIC WATER AND NATURAL GAS FLOOR PLAN
 3/16" = 1'-0"



| No | Date | Description |
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| Revision Schedule | | |

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| NATURAL GAS SYSTEM CALCULATIONS | | | | |
|---------------------------------|----------|----------|-------------|-------------|
| UNIT TYPE | UNITS | MBH/UNIT | TOTAL MBH | BRANCH SIZE |
| WATER HEATER | 1 | 200 | 200 | 1.25" |
| RTU1 | 1 | 130 | 130 | 1" |
| RTU2 | 1 | 90 | 90 | 1" |
| RTU3 | 1 | 90 | 90 | 1" |
| RTU4 | 1 | 130 | 130 | 1" |
| RTU5 | 1 | 130 | 130 | 1" |
| MAU1 | 1 | 175 | 175 | 1.25" |
| RANGE | 1 | 268 | 268 | 1.25" |
| TOTAL | 8 | | 1213 | |

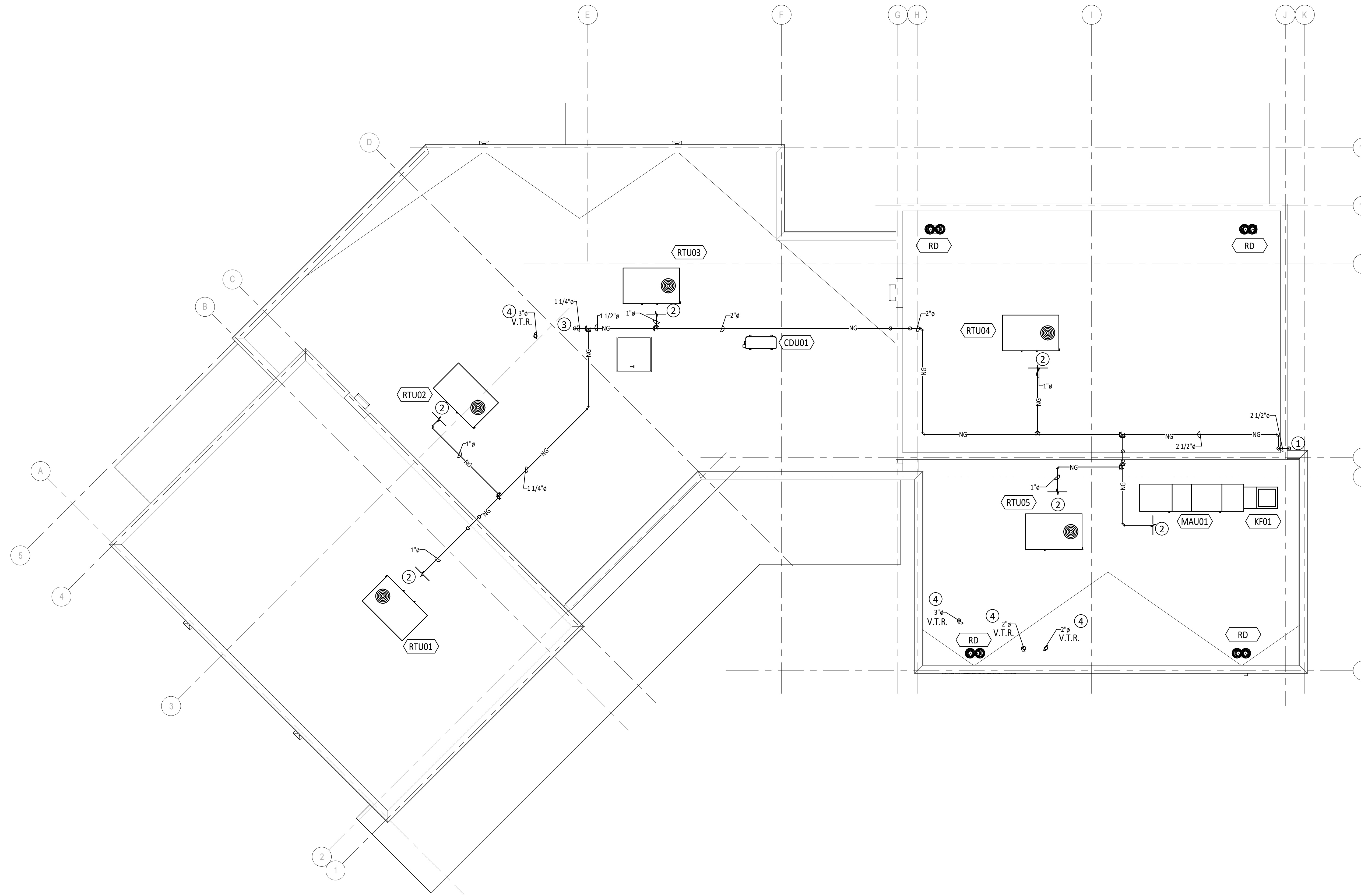
PRESSURE = 7" W.C.
 PRESSURE DROP = 0.5 PSI
 MAX PIPE LENGTH = 150 FT.
 MAIN PIPE SIZE = 2-1/2"
 TOTAL CFHMBH = 1213
 MAX CFHMBH = 1480

GENERAL SHEET NOTES:

- A. ALL PIPE ROUTES ARE DIAGRAMMATIC. FIELD COORDINATE ALL PIPE ROUTES PRIOR TO START OF WORK.

KEY NOTES :

1. ROTUE GAS PIPE UP WALL TO ROOF.
2. CONNECT GAS PIPE TO EQUIPMENT. SEE " GAS EQUIPMENT CONNECTION DETAIL" FOR FURTHER INFORMATION.
3. ROUTE GAS PIPE DOWN TO WATER HEATER BELOW.
4. ROUTE VENT THRU ROOF IN LOCATION SHOWN. MAINTAIN 10FT. CLEARANCE FROM ANY AIR INTAKE DUCTWORK.



PLUMBING ROOF PLAN
 3/16" = 1'-0"



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Key Plan
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SHEET TITLE
 PLUMBING ROOF PLAN

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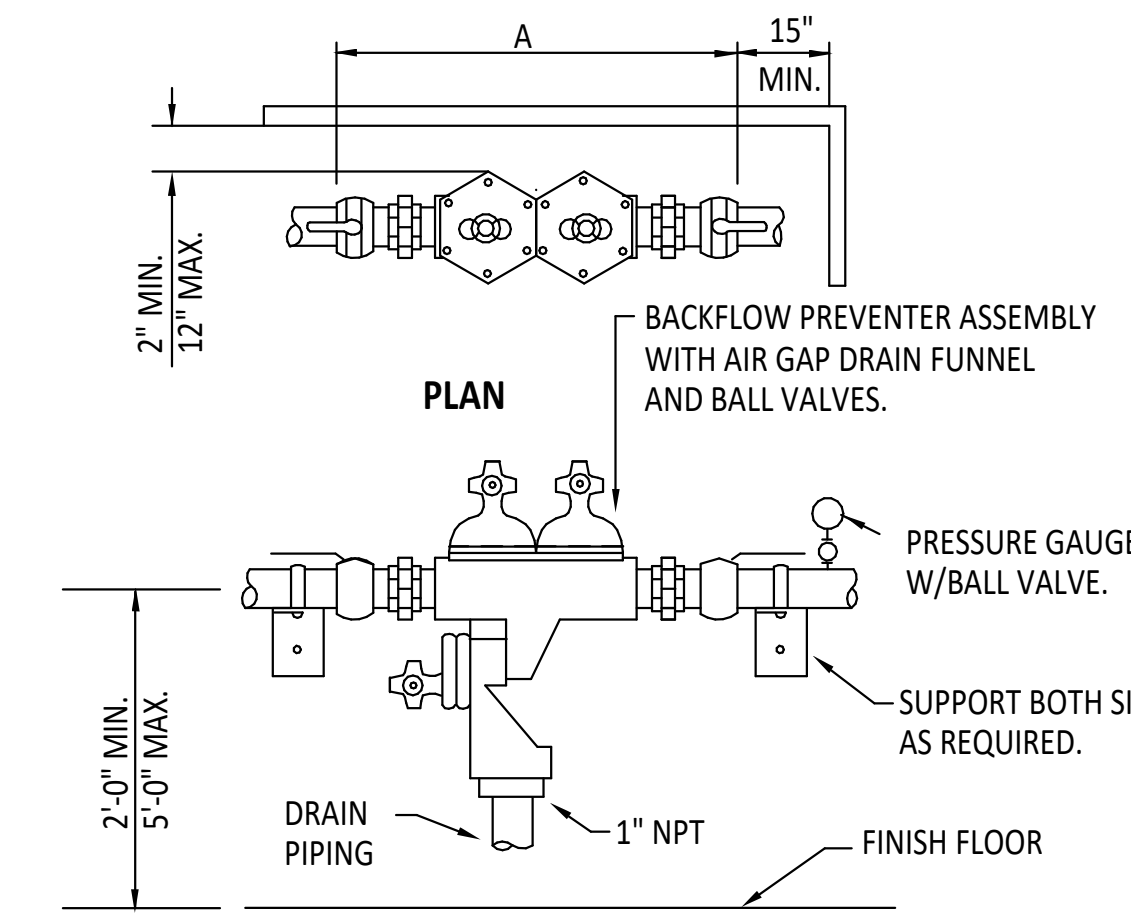
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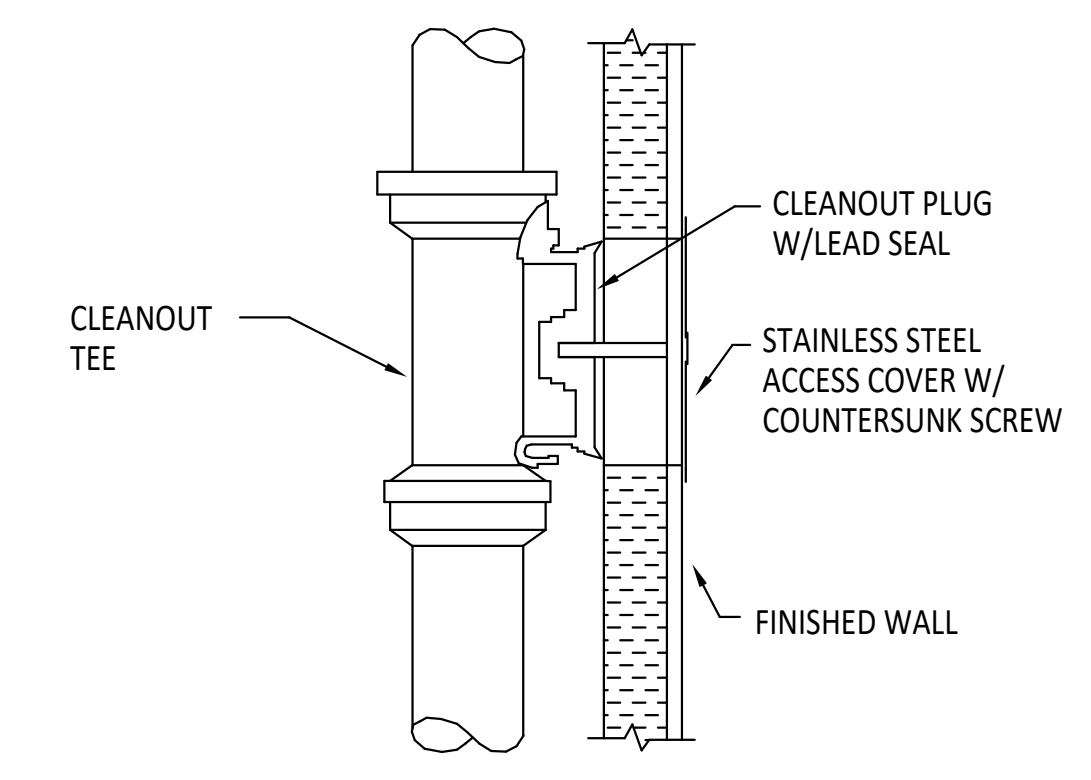
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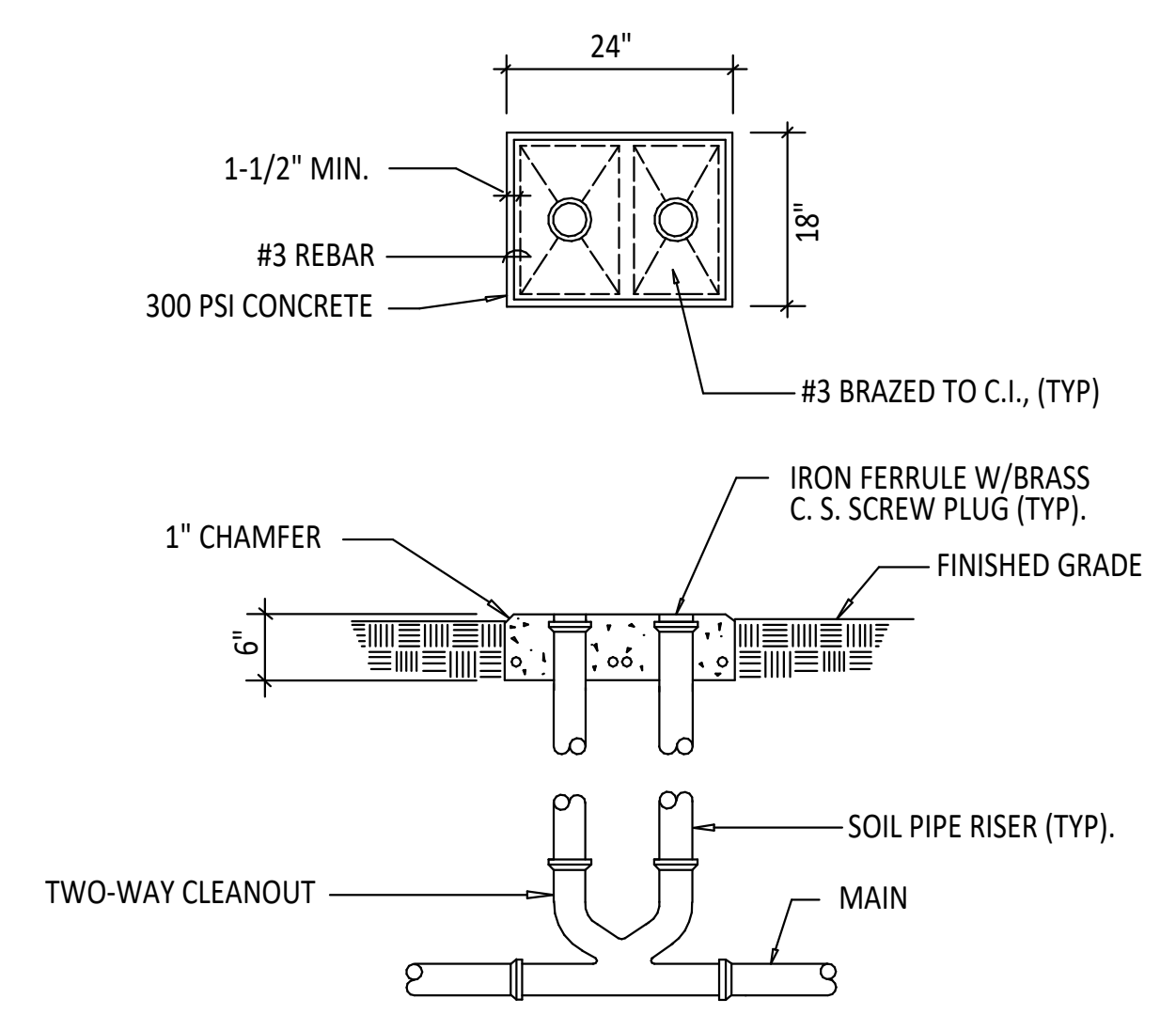
| DIMENSIONS AND WEIGHTS | | |
|------------------------|-----|----------|
| UNIT SIZE | A | UNIT WT. |
| 1" | 19" | 22 LBS. |

- GENERAL NOTES:
1. ROUTE BACKFLOW PREVENTER DRAIN PIPING TO NEAREST FLOOR DRAIN.
 2. DRAIN PIPING SIZE FOR ONE BFP SHALL BE A MINIMUM OF 1 1/2 TIMES THE BFP PORT SIZE. FOR 2 OR MORE BFP'S (ON THE SAME DRAIN PIPING) THE COLLECTING DRAIN PIPING AREA SHALL BE A MINIMUM OF THE SUM OF THE INDIVIDUAL BFP DRAIN PIPING AREAS.

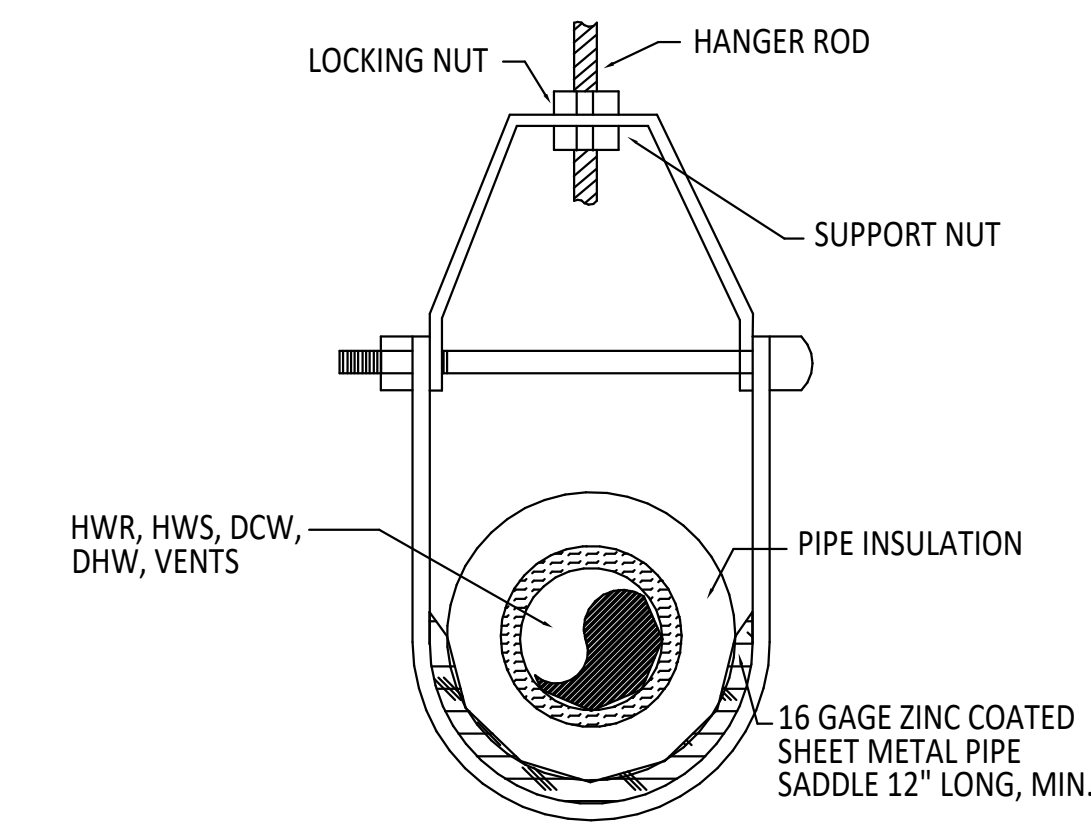
REDUCED PRESSURE BACKFLOW PREVENTION DEVICE DETAIL
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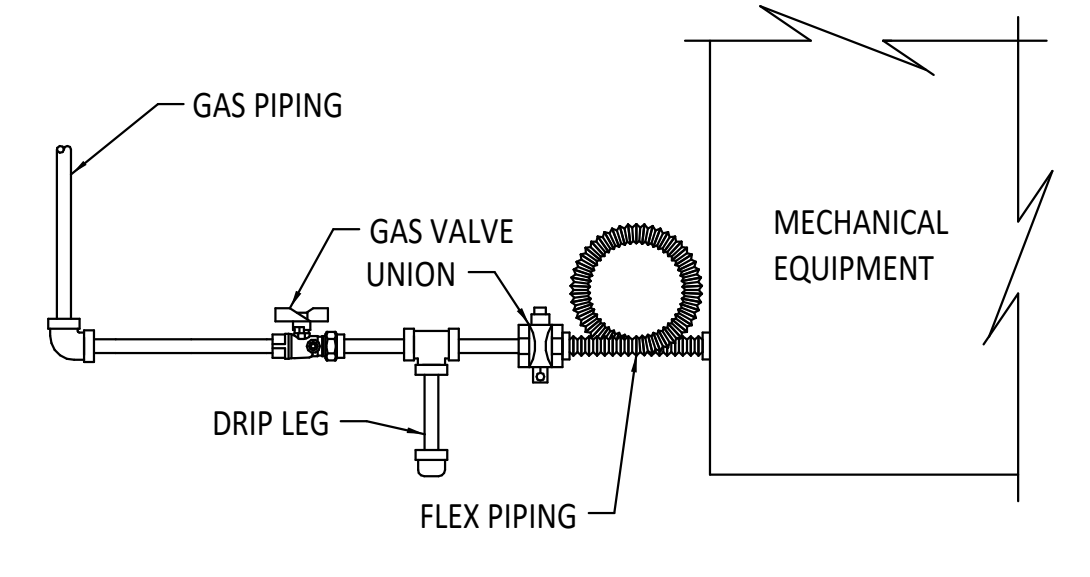
WALL CLEANOUT DETAIL
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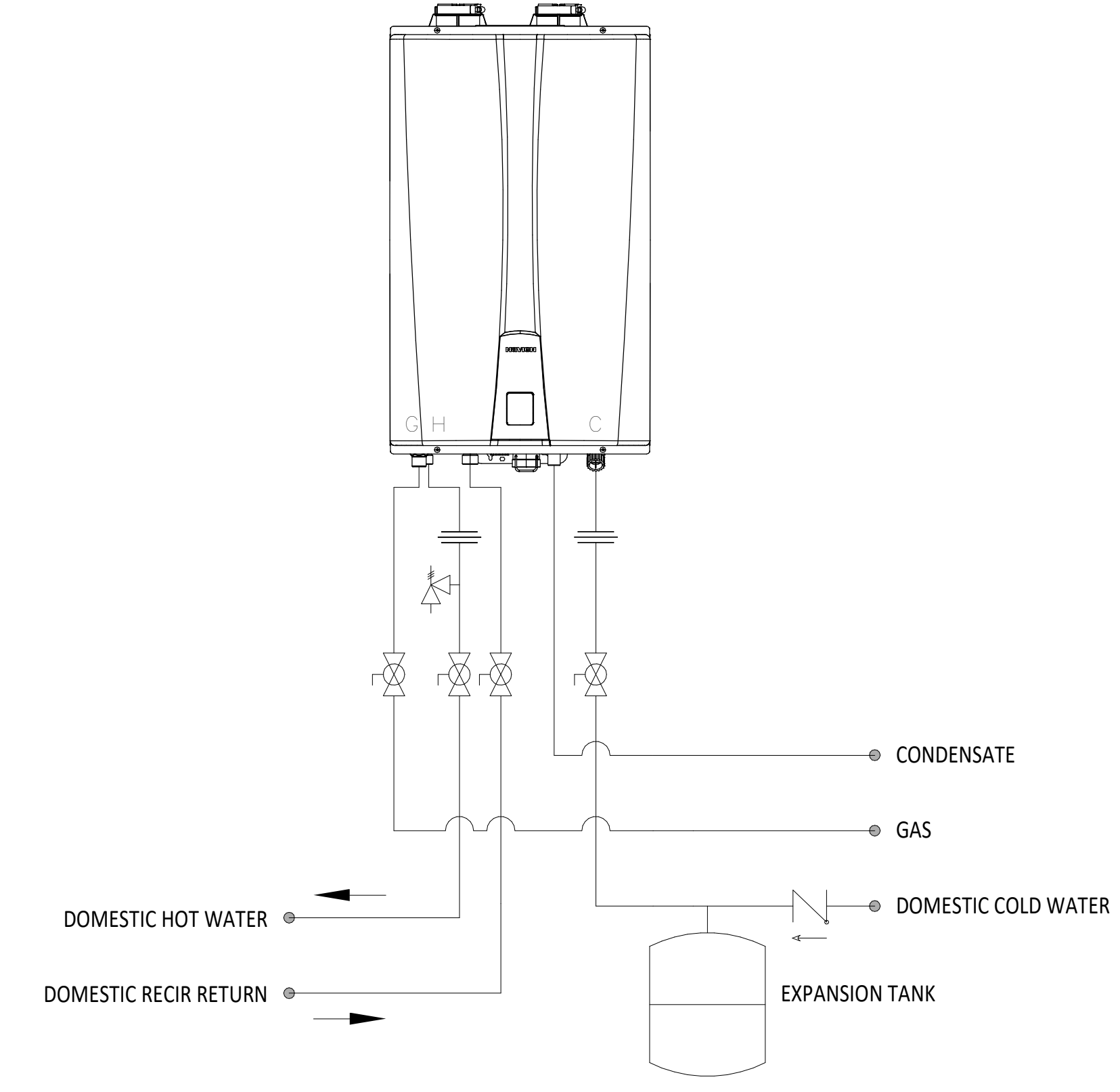
EXTERIOR DOUBLE CLEANOUT DETAIL
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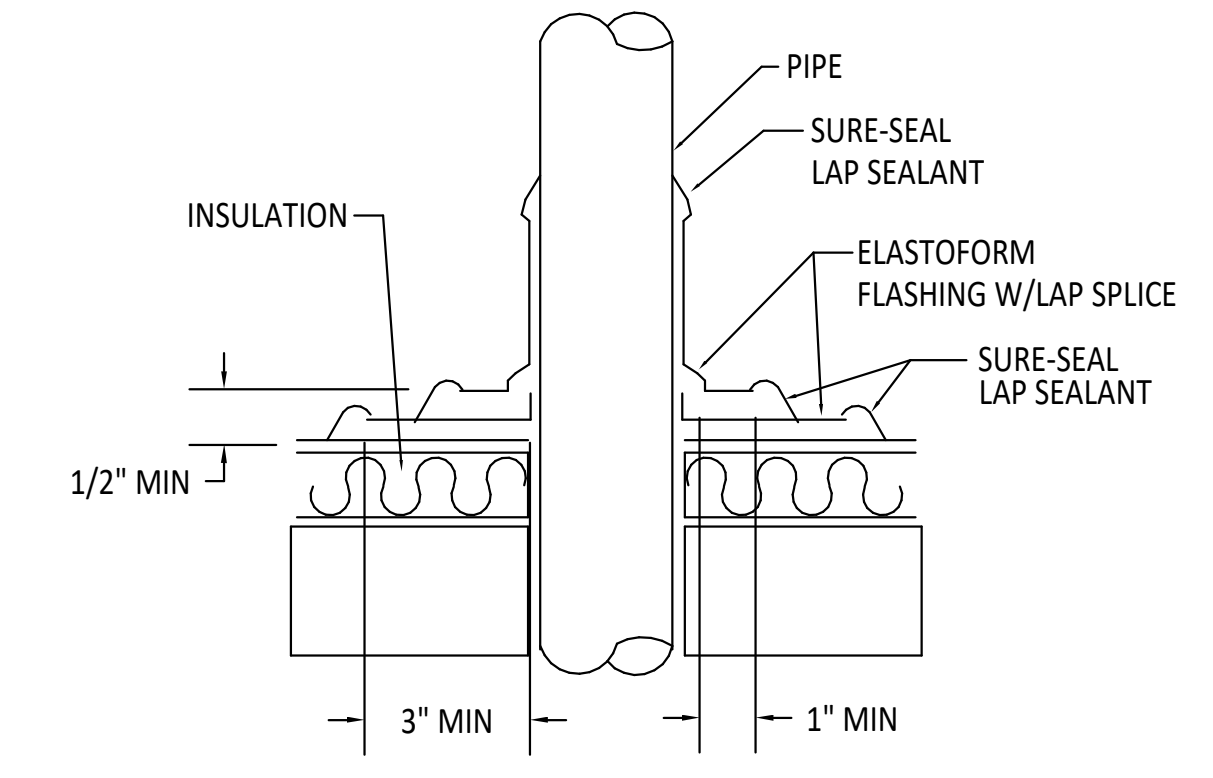
PIPE HANGER DETAIL
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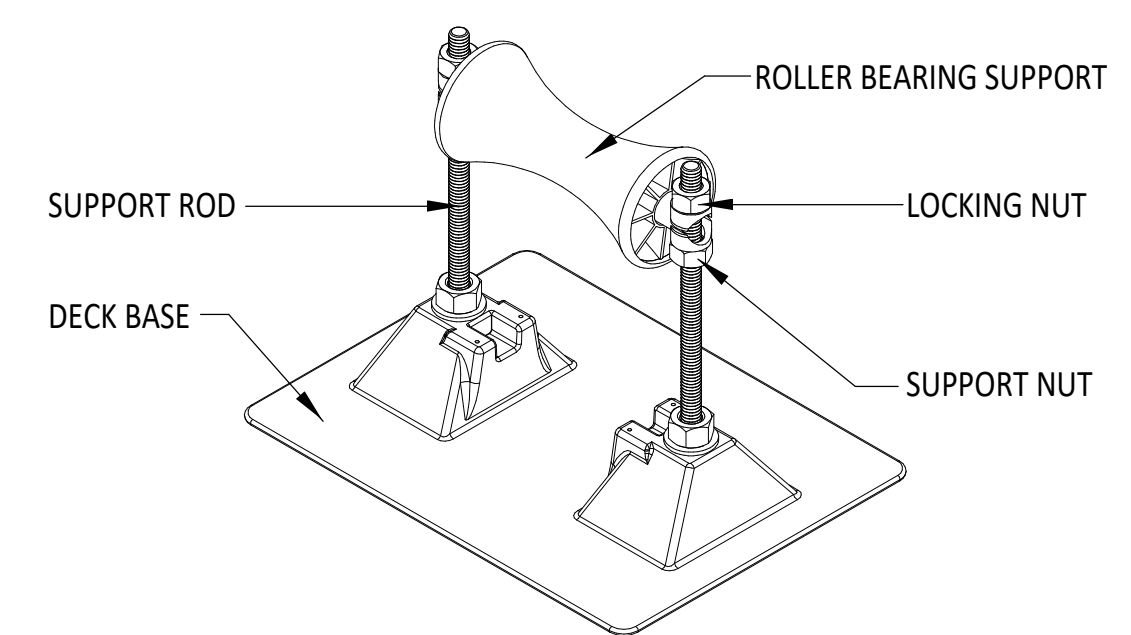
GAS EQUIPMENT CONNECTION DETAIL
NOT TO SCALE



TANKLESS WATER HEATER DETAIL
NOT TO SCALE



PIPE PENETRATION THRU ROOF DETAIL
NOT TO SCALE



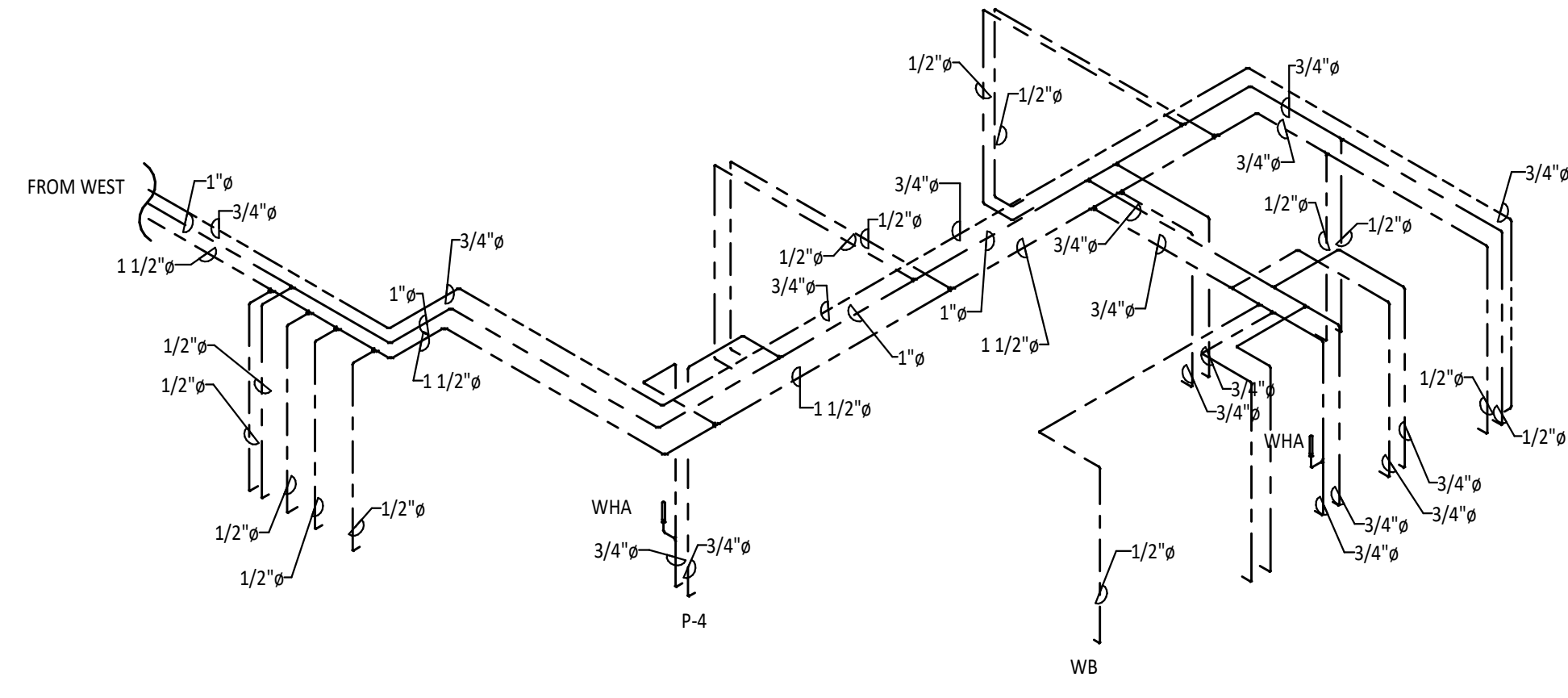
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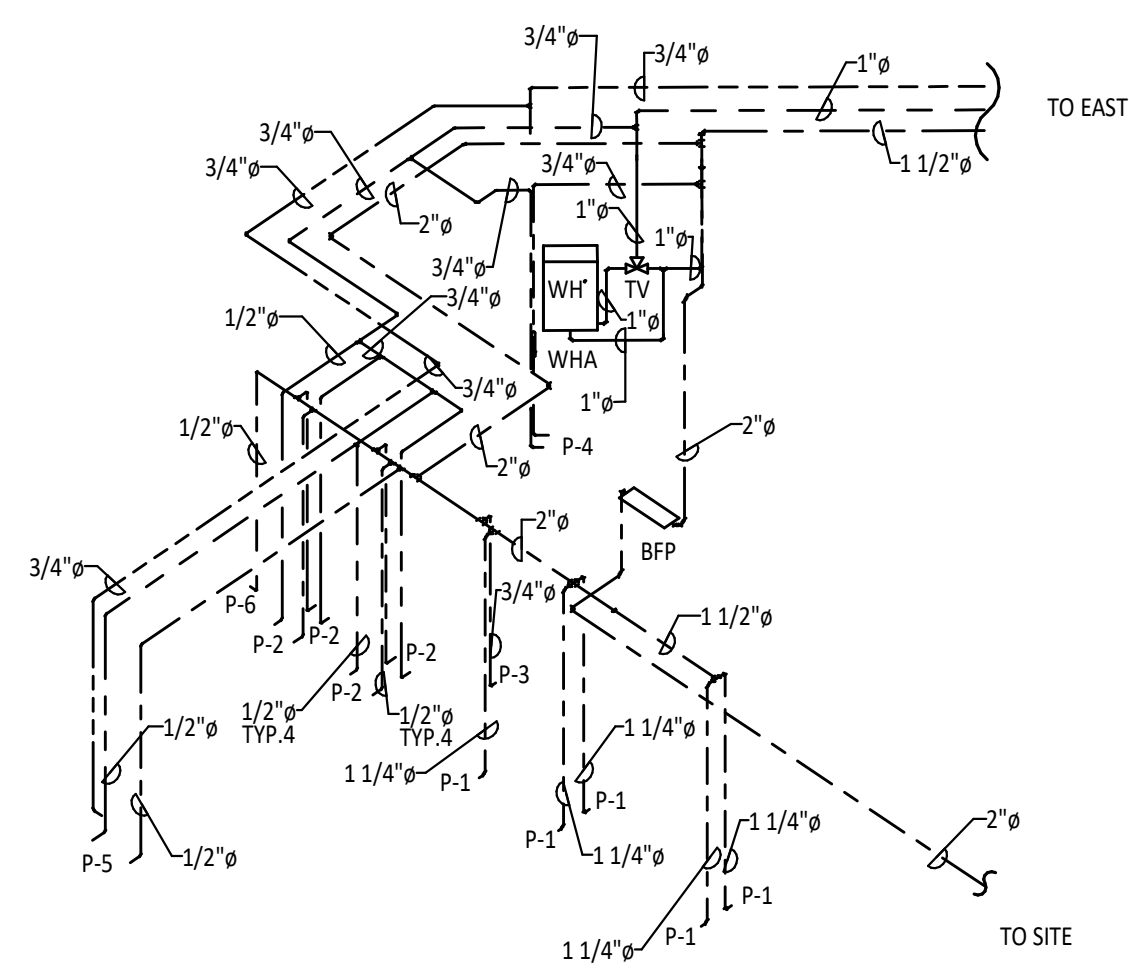
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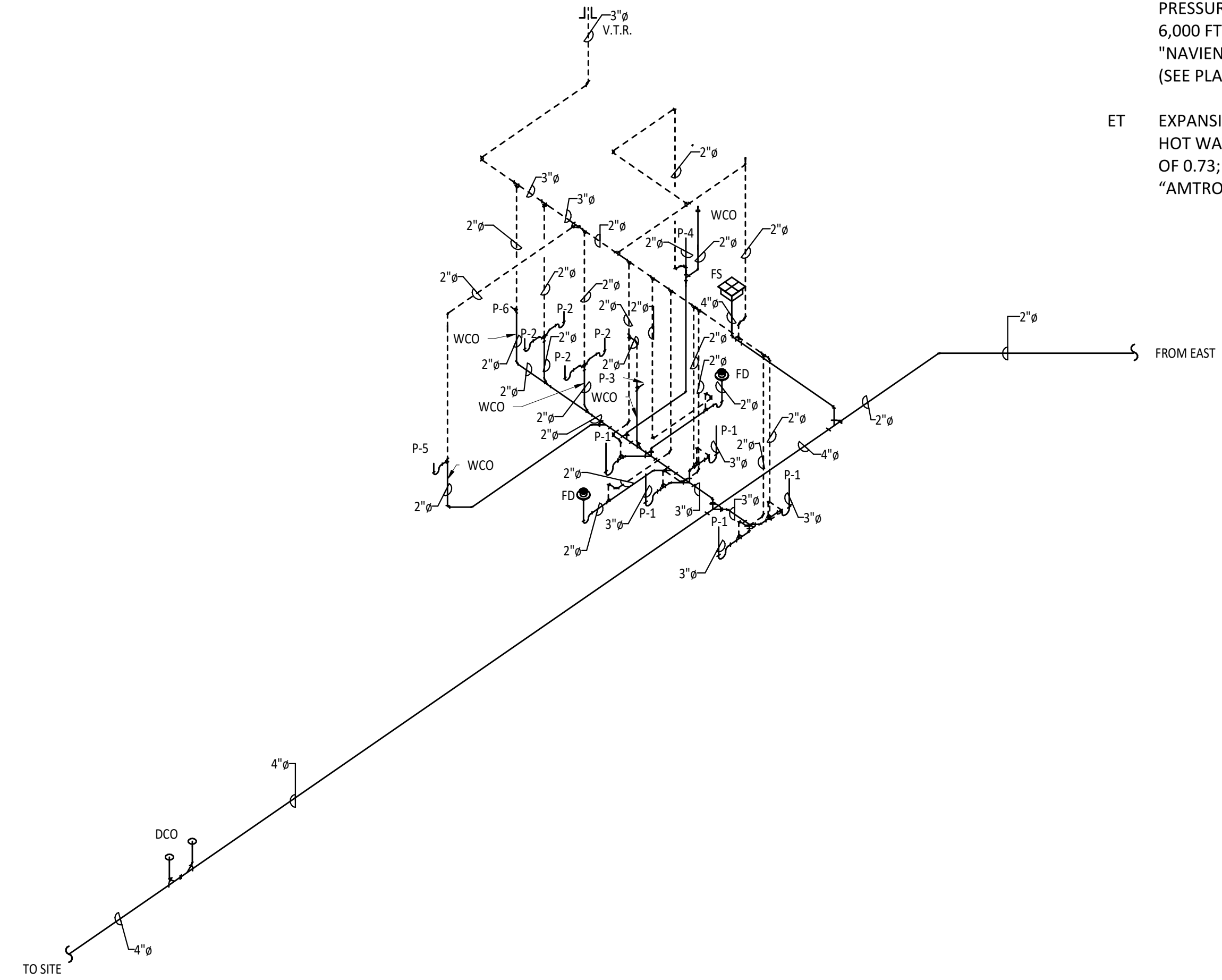
PLUMBING DOMESTIC WATER RISER DIAGRAM - EAST

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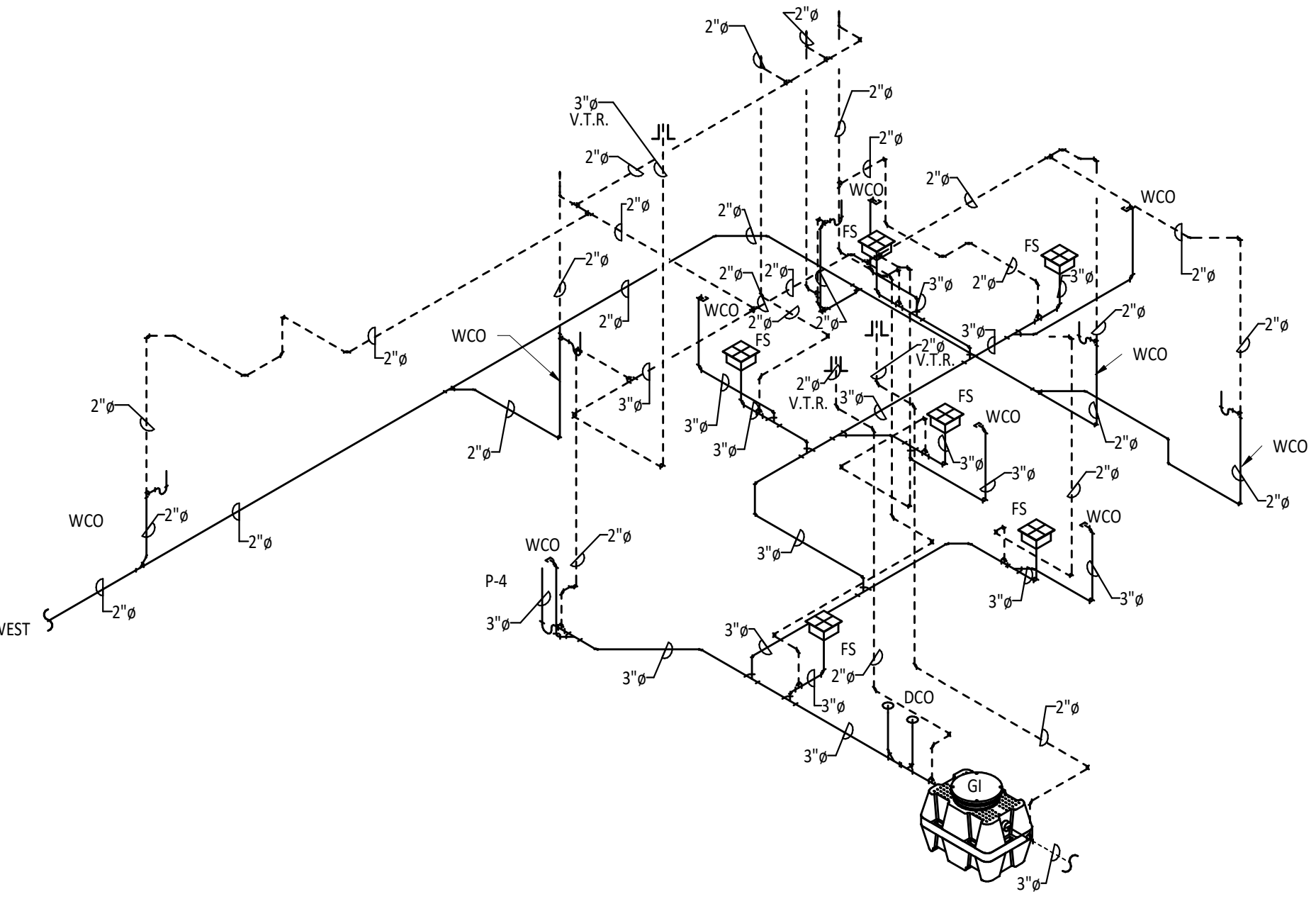
PLUMBING DOMESTIC WATER RISER DIAGRAM - WEST

NOT TO SCALE



PLUMBING WASTE AND VENT RISER DIAGRAM - WEST

NOT TO SCALE



PLUMBING WASTE AND VENT RISER DIAGRAM - EAST

NOT TO SCALE

PLUMBING EQUIPMENT SCHEDULE:

- P-1 WATER CLOSET, FLOOR-MOUNT, ACCESSIBLE, FLUSH VALVE: WATER SAVING, 1.6 GPF, VITREOUS CHINA WATER CLOSET, WITH TOP SPUD, ELONGATED BOWL, SIPHON-JET FLUSHING ACTION, AND OPEN FRONT PLASTIC SEAT. COMPLETE WITH EXPOSED FLUSH VALVE "ZURN" NO. ZEMS6000AV-2-IS-W51 HARDWIRED TO POWER CONVERTER PROVIDED WITH LAVATORY "P-2". INCLUDE VACUUM BREAKER, MOTORIZED ACTUATOR, SENSOR BOX, REMOTE SENSOR WITH OVERRIDE BUTTON, SPUD COUPLING AND FLANGE FOR TOP SPUD CONNECTION. "AMERICAN STANDARD" MADERA NO. 3043.001 WASTE = 3 IN., VENT = 2 IN., CW = 1-1/2 IN.
- P-2 LAVATORY, COUNTERTOP, ACCESSIBLE: SELF-RIMMING, VITREOUS CHINA SQUARE COUNTERTOP LAVATORY WITH SINGLE FAUCET HOLE, WALL STOPS, AND INSULATED P-TRAP AND HOT WATER LINE. WALL STOPS SHALL HAVE THREADED INLET AND COMPRESSION OUTLET CONNECTIONS. FAUCET AND FITTINGS: FAUCET AND FITTINGS: "ZURN" NO. Z.6950-XL-S-CWB SENSOR OPERATED WITH MIXING VALVE, MINI JUNCTION BOX -ML, AND P6000-HW6 POWER CONVERTER, COVER PLATE, POLISHED CHROME GRID DRAIN, 3/8" O.D. COPPER SUPPLY TUBES, AND 0.5 GPM VANDAL-RESISTANT FLOW DEVICE. PROVIDE OFFSET LAVATORY GRID DRAIN "PROFLOW" NO. PFGD101. PROVIDE "PROFLO" NO. PF200 INSULATION FOR P-TRAP, OFFSET TAILPIECE AND HOT & COLD SUPPLIES. INSTALL PER ADA REQUIREMENTS. "AMERICAN STANDARD" STUDIO CARRE NO. 0642.001 WASTE = 2 IN., VENT = 1-1/2 IN., CW & HW = 1/2 IN.
- P-3 URINAL, WALL-MOUNT: WATER SAVING, 0.125 GPF, VITREOUS CHINA URINAL WITH WASHOUT FLUSH ACTION, 3/4 IN. TOP SPUD INLET, 2 IN. OUTLET, WITH REMOVABLE STAINLESS STEEL BEEHIVE STRAINER. PROVIDE WITH BATTERY OPERATED FLUSH VALVE WITH VACUUM BREAKER BY "ZURN" NO. ZEMS6195AV-ULF-HW6. COMPLETE WITH WALL SUPPORT SYSTEM BY "ZURN" NO. Z-1222 WITH TOP AND BOTTOM BEARING PLATES. INSTALL PER ADA REQUIREMENTS. "AMERICAN STANDARD" WASHBROOK FLOWISE NO. 6590.525 WASTE = 2 IN., VENT = 1-1/2 IN., CW = 3/4 IN.
- P-4 MOP SERVICE BASIN: 24 IN. X 24 IN. X 12 IN. DEEP, ONE PIECE PRE-CAST TERRAZZO WITH STAINLESS STEEL CAPS ON ALL CURBS, 2 IN. THICK MINIMUM SHOULDERS, 3 IN. DRAIN CONNECTION, "CHICAGO FAUCET" NO. 835-CP SERVICE SINK FITTING WITH EXPOSED VALVES, RIGID SPOUT, VACUUM BREAKER, WALL BRACE, PAIL HOOK, AND 3/4 IN. HOSE THREAD. PROVIDE MOP HANGER NO. PF245. "FIAT" NO. TSB-100 WASTE = 3 IN., VENT = 1-1/2 IN., CW & HW = 3/4 IN.
- P-5 RESIDENTIAL KITCHEN SINK, HANDICAPPED: STAINLESS STEEL TWO COMPARTMENT, SELF-RIMMING SINK, CONSTRUCTED OF 18 GAUGE TYPE 302 STAINLESS STEEL WITH HEAVY DUTY "SOUND GUARD" UNDERCOATING, FOUR FAUCET HOLES ON 4 IN. CENTERS, INSULATED P-TRAP AND HOT WATER LINE, AND WALL STOPS. WALL STOPS SHALL HAVE THREADED INLET AND COMPRESSION OUTLET CONNECTIONS. DIMENSIONS: 33 IN. LONG X 22 IN. WIDE X 6-1/2 IN. DEEP WITH 1-3/4 IN. RADIUS COVED CORNERS AND 3-1/2 IN. OFF-CENTERED DRAIN OPENING. FAUCET AND FITTINGS: "ELKAY" NO. LK-4101 SINGLE-LEVER, DECK-MOUNT FAUCET WITH 8 IN. SWING SPOUT, 3/8" O.D. COPPER SUPPLY TUBES, RETRACTABLE SPRAY AND HOSE, AND 2.5 GPM FLOW DEVICE. PROVIDE WITH NO. LK-99 STAINLESS STEEL BASKET STRAINER WITH 1-1/2 IN. O.D. TAILPIECE, AND ALL ACCESSORIES FOR A COMPLETE INSTALLATION. INSTALL PER ADA REQUIREMENTS. [VERIFY MIN. 27 IN. KNEE CLEARANCE UNDERNEATH SINK] "ELKAY" NO. LRAD-3322 WASTE = 2 IN., VENT = 1-1/2 IN., CW & HW = 1/2 IN.
- P-6 DRINKING FOUNTAIN, HANDICAPPED: BARRIER-FREE, WALL-MOUNTED, BI-LEVEL ONE PIECE STAINLESS STEEL FOUNTAIN WITH SATIN FINISH. COMPLETE WITH WALL STOPS, FRONT PUSH BAR OPERATION, AND ALL ITEMS NECESSARY FOR COMPLETE OPERATION. WALL STOPS SHALL HAVE THREADED INLET AND COMPRESSION OUTLET CONNECTIONS. PROVIDE WALL SUPPORT SYSTEM BY ZURN, NO. Z-1225-BL WITH TOP AND BOTTOM PLATES. INSTALL PER ADA REQUIREMENTS. "HALSEY-TAYLOR" NO. HTSEBP WASTE = 2 IN., VENT = 1-1/2 IN., CW = 1/2 IN.
- GI GREASE INTERCEPTOR: SEAMLESS MOLDED POLYETHYLENE TANK WITH BUILT-IN FLOW CONTROL, INLET AND OUTLET DIFFUSERS REMOVABLE FOR INSPECTION AND CLEANING, INTEGRAL AIR RELIEF / ANTI-SIPHON / VISUAL INSPECTION. PROVIDE RISERS AS REQUIRED. TRAFFIC RATED. FLOW RATE = 75GPM, GREASE CAPACITY = 695 LBS. "SCHIER" GB-75 TRAFFIC
- WH WATER HEATER: TANKLESS NATURAL GAS FIRED DOMESTIC HOT WATER HEATER WITH A WORKING PRESSURE RATING OF 150 PSI, DIRECT VENT, FACTORY-INSTALLED TEMPERATURE AND PRESSURE RELIEF VALVE, AND DRAIN VALVE. INPUT: 199 MBH, ORIFICED FOR OPERATION AT 6,000 FT. A.S.L. "NAVIEN" NO. NPE-240A (SEE PLAN FOR LINE SIZES)
- ET EXPANSION TANK: PRE-PRESSURIZED, DIAPHRAGM TYPE EXPANSION TANK FOR POTABLE, OPEN, HOT WATER SYSTEMS. TOTAL TANK VOLUME OF 4.4 GALLONS; MAXIMUM ACCEPTANCE FACTOR OF 0.73; OPERATING TEMPERATURE OF 200 DEG. F., HEIGHT 15" DIAMETER 11" "AMTROL" THERM-X-TROL NO. ST-12
- FD FLOOR DRAIN: CAST IRON, SUMP FLOOR DRAIN WITH FLANGE, INTEGRAL CLAMPING COLLAR, AND LOOSE SET DUCTILE IRON TRACTOR GRATE, "SURE SEAL" MODEL NO. SS2009V, AND SEDIMENT BUCKET. NO TRAP. SEE PLANS FOR SIZES. 5" X 5" SQUARE HEEL PROOF LEVELING STRAINER. STRAINER FINISH BY ARCHITECT. "ZURN" NO. Z-4155Z WASTE = (SEE PLANS)
- FS FLOOR SINK: CAST IRON BODY WITH POLISHED NICKEL BRONZE LIGHT-DUTY TOP FLOOR SINK WITH FULL 12 IN. X 12 IN. SLOTTED MEDIUM DUTY GRATE, 8 IN. DEEP SUMP, WHITE ACID RESISTING PORCELAIN ENAMEL INTERIOR AND TOP, ALUMINUM ANTI-SPLASH INTERIOR BOTTOM ALUMINUM DOME STRAINER, AND "SURE SEAL" MODEL NO. SS2009V. PROVIDE ALL NECESSARY ITEMS FOR COMPLETE INSTALLATION AND OPERATION. SEE PLANS FOR SIZES. "ZURN" NO. Z-1901-NH-Z-P WASTE = (SEE PLANS); VENT = 1-1/2 IN.
- FCO FINISH FLOOR CLEANOUT: CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, SV HUB OUTLET, FLANGED FERRULE WITH PLUG ROUND SCORIATED CAST IRON, SATIN BRONZE TRACTOR TOP. SEE PLANS FOR SIZES. "ZURN" NO. Z-1400-ZN-VP WASTE = (SEE PLANS)
- WCO WALL CLEANOUT: BRASS PLUG WITH ROUND STAINLESS STEEL SECURED ACCESS COVER AND VANDAL PROOF SCREW. "ZURN" NO. Z-1468-2S-VP WASTE = (SEE PLANS)
- BFP BACKFLOW PREVENTER: REDUCED PRESSURE TYPE SET AT 80 PSI WITH FUSION EPOXY COATED MAINCASE, STAINLESS STEEL AND BRONZE CORROSION RESISTANT INTERNAL PARTS, REPLACEABLE SEATS, 175 PSI MAX. WORKING PRESSURE, WITH STRAINER, ONE OS&Y GATE VALVE, AND ALL EQUIPMENT FOR A COMPLETE OPERATION. "WILKINS" NO. 950-XLT2; SIZE: 1-1/2 IN.
- PRV PRESSURE REDUCING VALVE: A.S.S.E. NO. 1003 AND CSA B356 COMPLIANCE. BRONZE BODY CONSTRUCTION WITH RENEWABLE STAINLESS-STEEL SEAT, STAINLESS STEEL INTEGRAL STRAINER SCREEN, REINFORCED DIAPHRAGM AND BUNA 'N' VALVE DISC. "WATTS" NO. 223. SIZE: 1-1/2"
- WHA WATER HAMMER ARRESTOR: WATER HAMMER ARRESTOR WITH NESTING TYPE BELLOWS CONTAINED WITHIN CASING HAVING SUFFICIENT DISPLACEMENT VOLUME TO DISSIPATE THE CALCULATED KINETIC ENERGY GENERATED IN THE PIPING SYSTEM. BOTH CASING AND BELLOWS ARE CONSTRUCTED OF 18-8 STAINLESS STEEL. SIZE AND LOCATE IN ACCESSIBLE LOCATION PER MANUFACTURER'S GUIDELINES. "ZURN" NO. Z-1700, SIZE: BY CONTRACTOR, PER FIXTURE UNIT COUNT
- AP ACCESS PANEL: PROVIDE AND INSTALL CEILING OR WALL MOUNTED ACCESS PANEL, FOR WALL OR CEILING TYPE SPECIFIED, WHERE REQUIRED FOR ACCESS TO VALVES AND WATER HAMMER ARRESTORS IN PLUMBING WALLS OR ABOVE HARD CEILINGS. PROVIDE WITH KEY OPERATED CAM LATCH. SIZE: 12 IN. X 12 IN. PROVIDE TWO (2) SETS OF KEYS TO OWNER. "ACUDOR" NO. ED-2002
- WB WALL BOX: FLUSH MOUNT, ABS PACKAGED OUTLET BOX WITH 1/4 TURN BRASS BALL VALVE, WATER HAMMER ARRESTOR, AND 2 SUPPORT BRACKETS. "SIOUX CHIEF" OX BOX NO. 696-G1010MF
- RD ROOF DRAIN: MAIN ROOF DRAIN WITH INTEGRAL OVERFLOW, CONSTRUCTED OF CAST IRON BODY WITH EXTENSION, ROOF SUMP RECEIVER AND UNDERDECK CLAMP. ROOF DRAIN SHALL HAVE COMBINATION MEMBRANE FLASHING CLAMP/GRAVEL GUARD AND LOW SILHOUETTE METAL DOME. PROVIDE AND INSTALL MINIMUM 30 IN. SQUARE LEAD FLASHING WITH EACH DRAIN. "JAY R. SMITH" NO. 1830
- TV TEMPERING VALVE: VALVE AND PIPING ASSEMBLY WITH THERMOSTATIC CONTROLLER WITH SWIVEL ACTION CHECK STOPS, REMOVABLE CARTRIDGE WITH STRAINER, STAINLESS STEEL PISTON, LIQUID FILL THERMAL MOTOR WITH BELLOWS ELEMENT MOUNTED OUT OF WATER, VOLUME CONTROL SHUT OFF VALVE, BIMETAL DIAL 3 IN. FACE THERMOMETER (20-240 DEG. F RANGE), BRASS PIPE, FITTINGS, AND UNIONS. PROVIDE WITH POLISHED CHROME FINISH, WALL MOUNTING BRACKET, AND SPARE CARTRIDGE. "SYMMONS" NO. 7-400A-W CW = HW = 3/4 IN.; TEMPERED WATER = 1 IN.



| No | Date | Description |
|-------------------|-----------|-------------|
| Revision Schedule | | |
| ISSUE: | 100% CD | |
| PROJECT NUMBER: | SEE ARCH. | |
| FILE: | | |
| DRAWN BY: | SC | |
| CHECKED BY: | KT | |
| DATE: | 09/08/23 | |

KITCHEN SCHEDULE OF EQUIPMENT

| ITEM | QUANTITY | PURCHASE | FABRICATE | MILLWORK | EXISTING | NIKEC | DESCRIPTION | MAKE | MODEL | REMARKS | ELECTRICAL | | | PLUMBING | | |
|------|----------|----------|-----------|----------|----------|-------|-------------------------------|--------------------|----------------------|--|------------|-------------------------|------------------------------|----------|-----------------------------|------------------|
| | | | | | | | | | | | TAG | ROUGH-IN | LOAD & CONNECTION | TAG | ROUGH-IN | CONNECTION |
| 1 | 1 | X | | | | | AIR CURTAIN | BERNER | SLC07-1036A-SS | W/ MICRO SWITCH | E1 | 208V 1PH JB + 102" | 1.7 AMPS | | | |
| 2 | 3 | X | | | | | HAND SINK | ADVANCE TABCO | 7-PS-60 | FAUCET & DRAIN, WALL BACKING PROVIDED BY G.C. PAPER TOWEL DISP & SOAP DISP BY OWNER | | | | P2 | 1/2" H.W. & C.W. + 18" | 1/2" H.W. & C.W. |
| 3 | 1 | | X | | | | 3 COMPARTMENT SINK | STAINLESS STEEL | CUSTOM | | | | | W2 | 1-1/2" WASTE + 20" | 1-1/2" WASTE |
| | 1 | X | | | | | FAUCET | FISHER | 13242 | | | | | W3 | FLOOR SINK | (3) 2" I.W. |
| | 3 | X | | | | | LEVERDRAINS | FISHER | 22306 | | | | | P3 | 1/2" H.W. & C.W. + 18" | 1/2" H.W. & C.W. |
| 4 | 1 | X | | | | | PRE-RINSE FAUCET | FISHER | 2210-WB | | | | | P4 | 1/2" H.W. & C.W. + 18" | 1/2" H.W. & C.W. |
| 5 | 1 | | X | | | | SHELVING, WALL MOUNTED | STAINLESS STEEL | CUSTOM | WALL BACKING PROVIDED BY G.C. | | | | | | |
| 6 | 1 | | X | | | | POT RACK, WALL MOUNTED | STAINLESS STEEL | CUSTOM | WALL BACKING PROVIDED BY G.C. | | | | | | |
| 7 | 1 | X | | | | | UNDER COUNTER DISHWASHER | CHAMPION | UH130B | WITH BUILT-IN BOOSTER HEATER | E7 | 208V 1PH JB + 12" | 32.0 AMPS | P7 | 1/2" H.W. & C.W. + 18" | 1/2" H.W. & C.W. |
| 8 | 1 | X | | | | | DISH STORAGE RACKS | METRO-SUPER ERECTA | EZPR2460NK3-4 | W/ (4) 74" POSTS & (4) SHELVES | | | | W7 | FLOOR SINK | 1-1/2" I.W. |
| 9 | | | | | | | ~SPARE NUMBER~ | | | | | | | | | |
| 10 | | | | | | | ~SPARE NUMBER~ | | | | | | | | | |
| 11 | 4 | X | | | | | DRY STORAGE SHELVING | METRO-SUPER ERECTA | SIZE VARIES PER PLAN | W/ (4) 74" POSTS & (5) SHELVES | | | | | | |
| 12 | 1 | X | | | | | ICE MAKER W/ BIN | MANITOWOC | YT0900A/D-570 | WATER FILTER, BACK-FLOW PREVENTER | E12 | 208V 1PH JB + 66" | 9.5 AMPS | P12 | 3/8" C.W. FROM WATER FILTER | 3/8" C.W. |
| 12.1 | 1 | X | | | | | WATER FILTER | 3M PURIFICATION | ICE125-S | CONNECT TO ITEM#12 ICE MAKER | | | | W12 | FLOOR TROUGH | 3/4" I.W. |
| 13 | 1 | | X | | | | FLOOR TROUGH | STAINLESS STEEL | CUSTOM | CHEMGRATE | | | | P12.1 | 3/4" C.W. + 66" | 3/4" C.W. |
| 14 | 1 | | | | X | | OFFICE DESK-NIKEC | BY OWNER | VERIFY | WITH DRAWER LOCKS | | | | W13 | 4" WASTE + -6 | 4" DW. |
| 15 | 1 | | | | X | | OFFICE COMPUTER-NIKEC | BY OWNER | VERIFY | DEDICATED CIRCUIT/PROVIDE DATA OUTLET | E15 | 120V 1PH DR + 48" | 20.0 AMPS-CONVENIENCE OUTLET | | | |
| 16 | | | | | | | ~SPARE NUMBER~ | | | | | | | | | |
| 17 | | | | | | | ~SPARE NUMBER~ | | | | | | | | | |
| 18 | 1 | | X | | | | 2 COMPARTMENT PREP SINK | STAINLESS STEEL | CUSTOM | | E18 | 120V 1PH DR + 48" | 20.0 AMPS-CONVENIENCE OUTLET | W18 | FLOOR SINK | (2) 2" I.W. |
| | 1 | X | | | | | FAUCET | FISHER | 13242 | | | | | P18 | 1/2" H.W. & C.W. + 18" | 1/2" H.W. & C.W. |
| | 2 | X | | | | | LEVERDRAINS | FISHER | 22306 | | | | | | | |
| 19 | 2 | | X | | | | SHELVING, WALL MOUNTED | STAINLESS STEEL | CUSTOM | WALL BACKING PROVIDED BY G.C. | | | | | | |
| 20 | 1 | X | | | | | MICROWAVE OVEN | PANASONIC | NE-1064F | | E20 | 120V 1PH DR + 66" | 13.4 AMPS | | | |
| 21 | 1 | | X | | | | MICROWAVE SHELF | STAINLESS STEEL | CUSTOM | WALL BACKING PROVIDED BY G.C. | | | | | | |
| 22 | 1 | X | | | | | REACH-IN REFRIGERATOR, 3 DOOR | TRUE | T-72-HC | W/ CASTERS | E22 | 120V 1PH DR + 12" | 6.9 AMPS | | | |
| 23 | 1 | X | | | | | REACH-IN FREEZER, 3 DOOR | TRUE | T-72F-HC | W/ CASTERS | E23 | 120V 1PH DR + 12" | 14.0 AMPS | | | |
| 24 | 1 | X | | | | | EXHAUST HOOD, TYPE 1 | GREENHECK | VERIFY | REFER TO MECH. ENGINEERS PLANS FOR MORE DETAILS | E24 | 120V 1PH JB + 108" | | | | |
| | | | | | | | ELECTRICAL CONTROLS | GREENHECK | VERIFY | REFER TO MECH. ENGINEERS PLANS FOR MORE DETAILS | | 120V 1PH JB + 108" | | | | |
| 25 | 1 | X | | | | | FIRE SUPPRESSION SYSTEM | GREENHECK | VERIFY | REFER TO MECH. ENGINEERS PLANS FOR MORE DETAILS | E25 | 120V 1PH JB + 108" | | | | |
| 26 | 1 | X | | | | | STEAMER W/ STAND | ACCUTEMP | E32081E060 | | E26 | 208V 1PH JB + 18" | 29.0 AMPS - 6KW | | | |
| 27 | LOT | | X | | | | WALL FLASHING | STAINLESS STEEL | CUSTOM | | | | | | | |
| 28 | 1 | X | | | | | 6 BURNER RANGE W/ GRIDDLE | VULCAN | 60SC-6B-24GB-N | W/ OVEN, CASTERS, GAS DISCONNECT & RESTRAINT | E28 | 120V 1PH DR + 18" | 4.0 AMPS | G28 | 1" GAS +30" | 1" 268,000 BTU'S |
| 29 | 1 | | X | | | | CHEF COUNTER W/ SINK | STAINLESS STEEL | CUSTOM | W/ UTILITY CHASE | E29 | 120V 1PH DR + STUB-UP | 20.0 AMPS-CONVENIENCE OUTLET | P29 | 1/2" H.W. & C.W. + STUB-UP | 1/2" H.W. & C.W. |
| | | | | | | | | | | | | | | W29 | FLOOR SINK | 2" I.W. |
| 30 | 1 | X | | | | | FOOD PREP TABLE | TRUE | TFP-48-18M | W/ CUTTING BOARD, CATERS | E30 | 120V 1PH DR + STUB-UP | 2.9 AMPS | | | |
| 31 | 1 | X | | | | | MICROWAVE OVEN | PANASONIC | NE-1064F | | E31 | 120V 1PH DR + STUB-UP | 13.4 AMPS | | | |
| 32 | 1 | | X | | | | PLATE COUNTER | STAINLESS STEEL | CUSTOM | W/ MIDSHELF | | | | | | |
| 33 | 1 | | X | | | | DOUBLE OVERSHELF | STAINLESS STEEL | CUSTOM | | | | | | | |
| 34 | 1 | X | | | | | HEAT LAMP | HATCO | GRAH-36 | W/ CONTROL SWITCH | E34 | 120V 1PH JB + STUB-UP | 6.7 AMPS | | | |
| 35 | 1 | X | | | | | HEATED CABINET | FWE | ETC-1826-14PH | | E35 | 120V 1PH DR + DROP-CORD | 15.8 AMPS | | | |
| 36 | 2 | | X | | | | MOBILE WORK TABLE | STAINLESS STEEL | CUSTOM | W/ CASTERS, UNDERSHELF | | | | | | |
| 37 | 2 | | X | | | | TABLE MOUNTED OVERSHELF | STAINLESS STEEL | CUSTOM | | | | | | | |
| 38 | | | | | | | ~SPARE NUMBER~ | | | | | | | | | |
| 39 | | | | | | | ~SPARE NUMBER~ | | | | | | | | | |
| 40 | 1 | X | | | | | HOT FOOD TABLE | DUKE | E304 | W/ CUTTING BOARD, ADJUSTABLE FEET | E40 | 120V 1PH DR + 18" | 16.7 AMPS | | | |
| 41 | 1 | | | X | | | PASS-THRU COUNTER | MILLWORK | CUSTOM | | | | | | | |
| 42 | 1 | | X | | | | WORK TABLE | STAINLESS STEEL | CUSTOM | W/ UNDERSHELF | E42 | 120V 1PH DR + 48" | 20.0 AMPS-CONVENIENCE OUTLET | | | |
| 43 | 2 | | X | | | | SHELVING, WALL MOUNTED | STAINLESS STEEL | CUSTOM | WALL BACKING PROVIDED BY G.C. | | | | | | |
| 44 | 1 | | | | X | | MOP SINK | BY G.C. | VERIFY | W/ SERVICE FAUCET | | | | W44 | 4" WASTE + -6 | 4" DW. |
| | | | | | | | | | | | | | | P44 | 1/2" H.W. & C.W. + 18" | 1/2" H.W. & C.W. |
| 45 | | | | | | | ~SPARE NUMBER~ | | | | | | | | | |
| 46 | | | | | | | ~SPARE NUMBER~ | | | | | | | | | |
| 47 | 1 | | | X | | | BEVERAGE COUNTER | MILLWORK | CUSTOM | | | | | | | |
| 48 | 1 | X | | | | | DROP-IN SINK | ADVANCE TABCO | DI-1-10 | FAUCET & DRAIN, | | | | P48 | 1/2" H.W. & C.W. + 18" | 1/2" H.W. & C.W. |
| | | | | | | | | | | | | | | W48 | 1-1/2" WASTE + 20" | 1-1/2" WASTE |
| 49 | 1 | | | | X | | COFFEE BREWER | BY VENDOR | VERIFY | VERIFY WITH BEVERAGE VENDOR | E49 | 120V 1PH DR + 48" | 20.0 AMPS | P49 | 3/8" C.W. + 42" | 3/8" C.W. |
| 50 | 1 | | | | X | | TEA BREWER | BY VENDOR | VERIFY | VERIFY WITH BEVERAGE VENDOR | E50 | 120V 1PH DR + 48" | 15.0 AMPS | P50 | 3/8" C.W. + 42" | 3/8" C.W. |
| 51 | 1 | | | | X | | JUICE MACHINE | BY VENDOR | VERIFY | VERIFY WITH BEVERAGE VENDOR | E51 | 120V 1PH DR + 48" | 10.0 AMPS | P51 | 3/8" C.W. + 42" | 3/8" C.W. |
| 52 | 1 | | X | | | | SHELVING, WALL MOUNTED | MILLWORK | CUSTOM | WALL BACKING PROVIDED BY G.C. | | | | | | |

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Architect Engineer

Abedon Lopez Senior Center
Albuquerque, NM

Key Plan
INTS

| No | Date | Description |
|-------------------|------|-------------|
| Revision Schedule | | |

ISSUE: 100% CD
PROJECT NUMBER:
FILE: FOOD SERVICE PLANS
DRAWN BY: M. BAKER
CHECKED BY:
SCALE: 1/4" = 1'-0"
DATE: 09/08/2023
SHEET TITLE

KITCHEN EQUIPMENT SCHEDULE

FS 2.0

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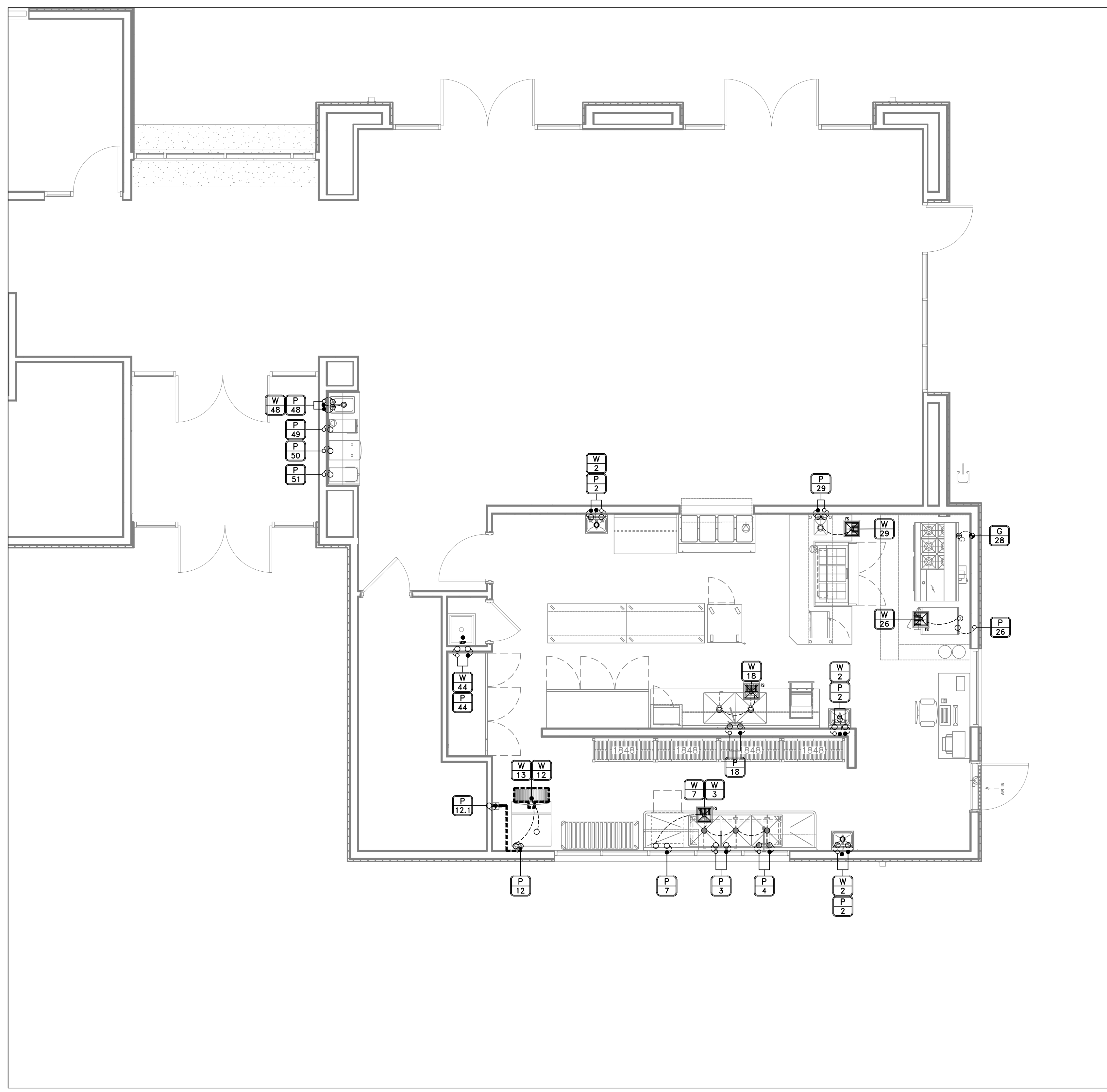
SHEET TITLE

KITCHEN PLUMBING ROUGH-IN PLAN

FS 3.0

PLUMBING NOTES:

- THIS PLUMBING PLAN IS INTENDED TO INDICATE ROUGH-IN LOCATIONS FOR KITCHEN EQUIPMENT ONLY. REFER TO ARCHITECTURAL CONSTRUCTION DOCUMENTS FOR ADDITIONAL PLUMBING REQUIREMENTS.
- ALL ROUGH-IN LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR FOR PROPER LOCATION.
- THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL ROUGH-IN AND FINAL CONNECTIONS OF FOOD SERVICE EQUIPMENT UNLESS OTHERWISE NOTED.
- IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO INSTALL ALL FAUCETS, LEVER WASTES, DRAINS, AND SIMILAR ITEMS FURNISHED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR.
- FLOOR SINKS SHALL BE INSTALLED FLUSH WITH THE FINISHED FLOOR, UNLESS LOCAL CODES REQUIRE FLOOR SINK AT A DIFFERENT ELEVATION.
- TOPS OF ALL ROUGH-INS STUBBED OUT FROM FLOOR ARE NOT TO EXCEED 5" ABOVE FINISHED FLOOR, UNLESS NOTED OTHERWISE ON THIS DRAWING.
- PLUMBING CONTRACTOR TO PROVIDE GREASE TRAP FOR THREE COMPARTMENT SINK.
- GAS PRESSURE REGULATOR(S) ON ALL FRONT MANIFOLD COOKING EQUIPMENT TO BE FURNISHED AND INSTALLED BY PLUMBING CONTRACTOR.
- PLUMBER TO FURNISH AND INSTALL PRESSURE REDUCING VALVE TO OPERATE DISHWASHER AT 20 P.S.I. +/- 5 (flow pressure).
- PLUMBING CONTRACTOR IS RESPONSIBLE FOR SUPPLYING AND INSTALLING ALL BACKFLOW PREVENTION DEVICES & DOUBLE CHECK VALVES TO BEVERAGE AND ICE MAKING EQUIPMENT, AS WELL AS, ANY OTHER FITTINGS OR DEVICES NOT SUPPLIED WITH THE EQUIPMENT WHICH WILL MAKE THE INSTALLATION COMPLETE, OPERATIONAL, AND IN COMPLIANCE WITH ALL APPLICABLE CODES.
- PLUMBING CONTRACTOR TO INSTALL A MECHANICAL GAS SHUT-OFF VALVE FOR THE EXHAUST HOOD FIRE SUPPRESSION SYSTEM IN AN EASILY ACCESSIBLE AREA OF THE GAS LINE UPSTREAM OF THE COOKING EQUIPMENT.
- PLUMBING CONTRACTOR IS RESPONSIBLE FOR SUPPLYING AND INSTALLING A DOUBLE CHECK VALVE ANTI-SIPHON DEVICE OR SIMILAR DEVICE (APPROVED BY LOCAL CODE) BETWEEN LINES AND CONNECTION TO ALL ICE MAKERS AND BEVERAGE MAKING EQUIPMENT.
- ANY CONFLICTS WITH BUILDING CONDITIONS WHICH PREVENTS PLUMBING ROUGH-INS FROM BEING LOCATED AS SHOWN ON THIS DRAWING MUST BE BROUGHT TO THE ATTENTION OF THE KITCHEN EQUIPMENT CONTRACTOR. A RESOLUTION TO THE CONFLICT, IN WRITING, MUST BE MADE PRIOR TO ROUGHING IN SERVICES.
- ALL DIMENSIONS SHOWN ARE FROM FINISHED WALL SURFACE TO ROUGH-IN CENTER-LINE, AND FROM CENTER-LINE TO CENTER-LINE.
- ALL HEIGHTS GIVEN FOR ROUGH-INS ARE FROM FINISHED FLOOR SURFACE TO CENTER-LINE OF ROUGH-IN.
- THE ROUGH-IN PLUMBING REQUIREMENTS SHOWN ON THIS DRAWING ARE FOR NEW AND RELOCATED EQUIPMENT ONLY. LOCATIONS OF ROUGH-INS ARE CONSIDERED TO BE IDEAL. HOWEVER, EXISTING PLUMBING SERVICES IN IMMEDIATE AREA ARE TO BE UTILIZED WHENEVER POSSIBLE. PLUMBING CONTRACTOR TO DETERMINE IF EXISTING SERVICES ARE ADEQUATE TO OPERATE EQUIPMENT SHOWN.

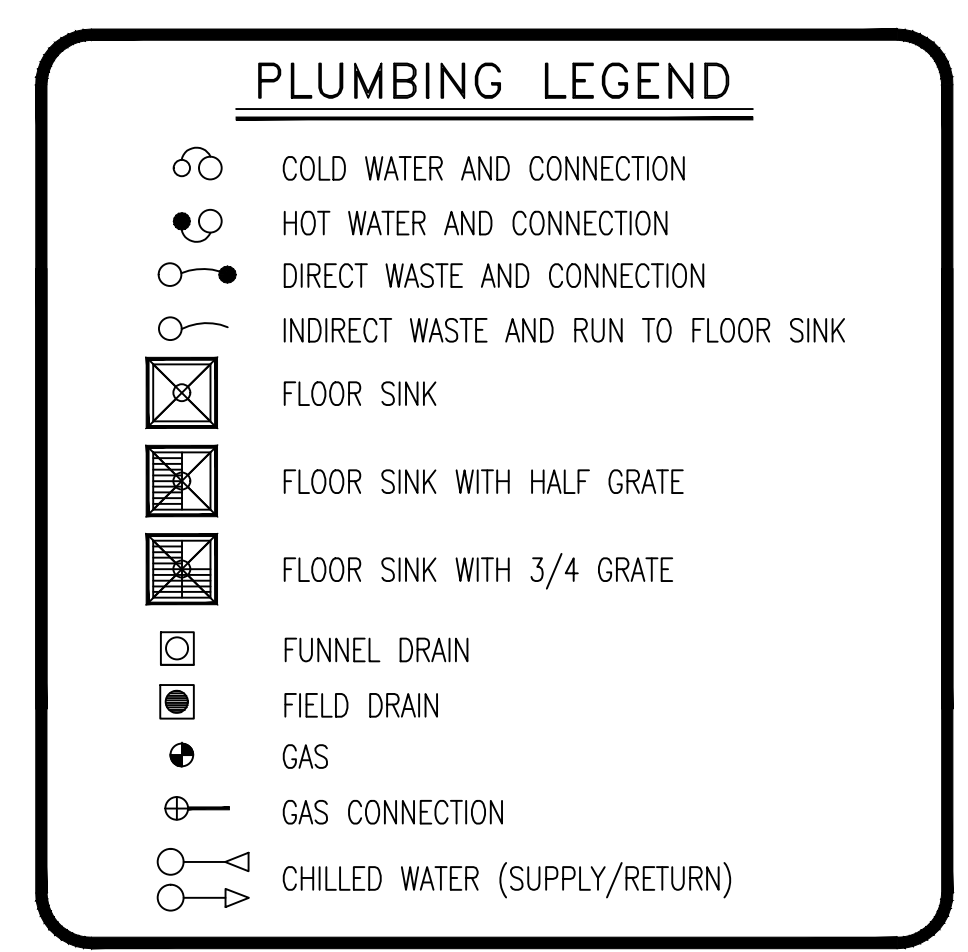


KITCHEN PLUMBING ROUGH-IN PLAN

SCALE: 1/4" = 1'-0"

KITCHEN - PLUMBING SCHEDULE

| ITEM | TAG | QTY | DESCRIPTION | COLD WATER | HOT WATER | ROUGH-IN HEIGHT | TAG | DIRECT WASTE | ROUGH-IN HEIGHT | INDIRECT WASTE | ROUGH-IN HEIGHT | TAG | GAS CONNECTION | MBTUH | ROUGH-IN HEIGHT | REMARKS |
|------|-------|-----|---------------------------|------------|-----------|-----------------|-----|--------------|-----------------|----------------|-----------------|-----|----------------|-------|-----------------|--|
| 2 | P2 | 3 | HAND SINK | 1/2" | 1/2" | +18" | W2 | 1 1/2" | +18" | | | | | | | |
| 3 | P3 | 1 | 3-COMPARTMENT SINK | 1/2" | 1/2" | +18" | W3 | | | 3/2" | F.S. | | | | | MANIFOLD DRAINS |
| 4 | P4 | 1 | PRE-RINSE FAUCET | 1/2" | 1/2" | +18" | | | | | | | | | | |
| 7 | P7 | 1 | UNDER COUNTER DISHWASHER | 1/2" | 1/2" | +18" | W7 | | | 1 1/2" | F.S. | | | | | |
| 12 | P12 | 1 | ICE MAKER W/ BIN | 3/8" | | FILTER | W12 | | | 3/4" | F.T. | | | | | P.C. TO CONNECT THRU ITEM #12.1 WATER FILTER |
| 12.1 | P12.1 | 1 | WATER FILTER | 3/4" | | +66" | | | | 1/2" | F.T. | | | | | P.C. TO CONNECT TO ITEM #12 ICE MAKER |
| 13 | | 1 | FLOOR TROUGH | | | | W13 | 4" | -6" | | | | | | | FIBERGRATE |
| 18 | P18 | 1 | 2-COMPARTMENT SINK | 1/2" | 1/2" | +18" | W18 | | | 2 1/2" | F.S. | | | | | MANIFOLD DRAINS |
| 28 | | 1 | 6 BURNER RANGE W/ GRIDDLE | | | | | | | | | G28 | 1" | 268.0 | 30" | |
| 29 | P29 | 1 | CHEF COUNTER W/ SINK | 1/2" | 1/2" | +18" | W29 | | | 1-1/2" | F.S. | | | | | |
| 48 | P48 | 1 | DROP-IN SINK | 1/2" | 1/2" | +18" | W48 | 1-1/2" | +18" | | | | | | | |
| 49 | P49 | 1 | COFFEE BREWER | 3/8" | | +48" | | | | | | | | | | |
| 50 | P50 | 1 | TEA BREWER | 3/8" | | +48" | | | | | | | | | | |
| 51 | P51 | 1 | JUICE MACHINE | 3/8" | | +48" | | | | | | | | | | |



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Albuquerque, NM

Key Plan
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| No | Date | Description |
|-------------------|------|-------------|
| Revision Schedule | | |

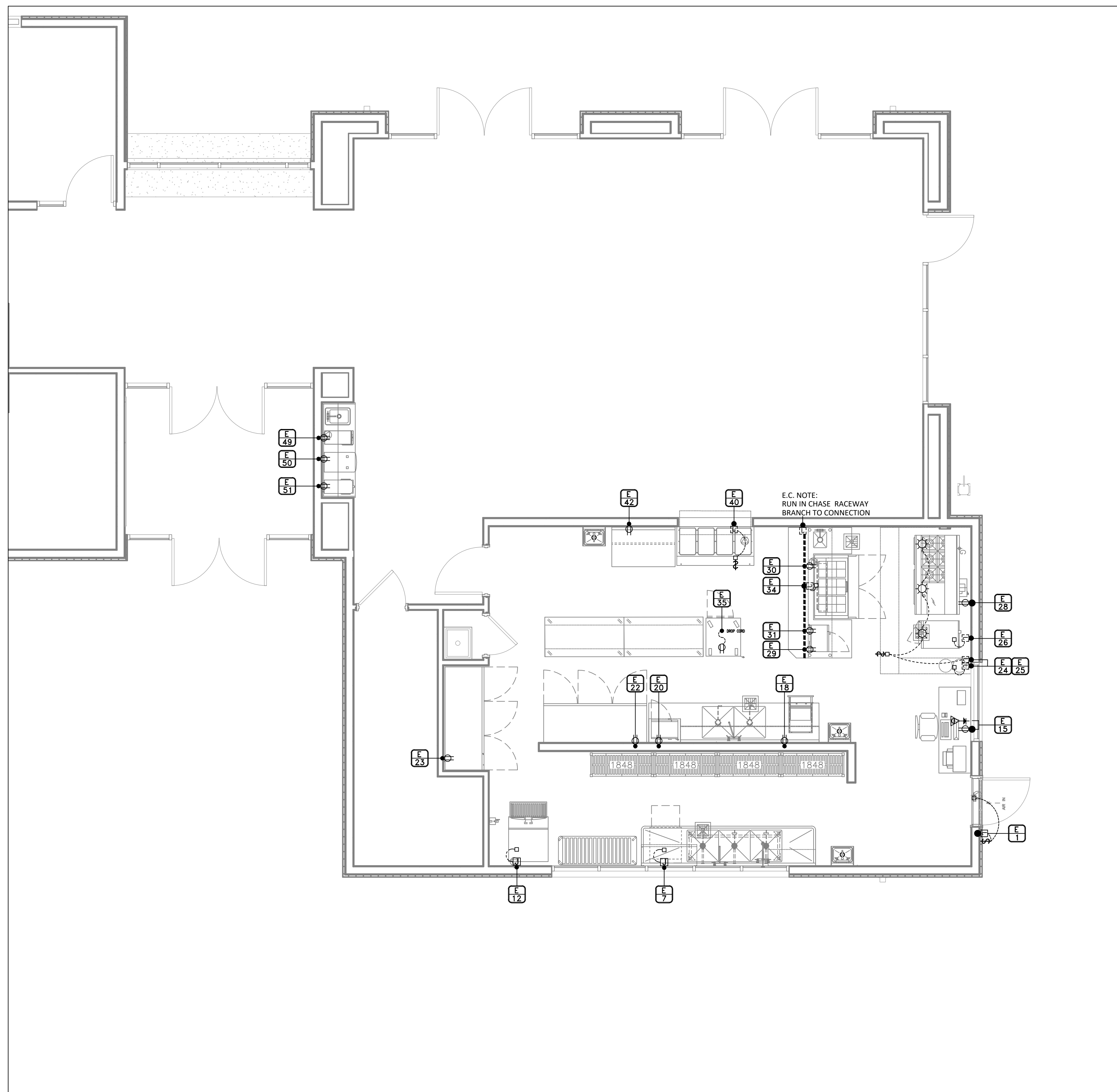
ISSUE: 100% CD

PROJECT NUMBER:
FILE: FOOD SERVICE PLANS
DRAWN BY: M. BAKER
CHECKED BY:
SCALE: 1/4" = 1'-0"
DATE: 09/08/2023

SHEET TITLE

**KITCHEN
ELECTRICAL
ROUGH-IN PLAN**

FS 4.0



KITCHEN ELECTRICAL ROUGH-IN PLAN

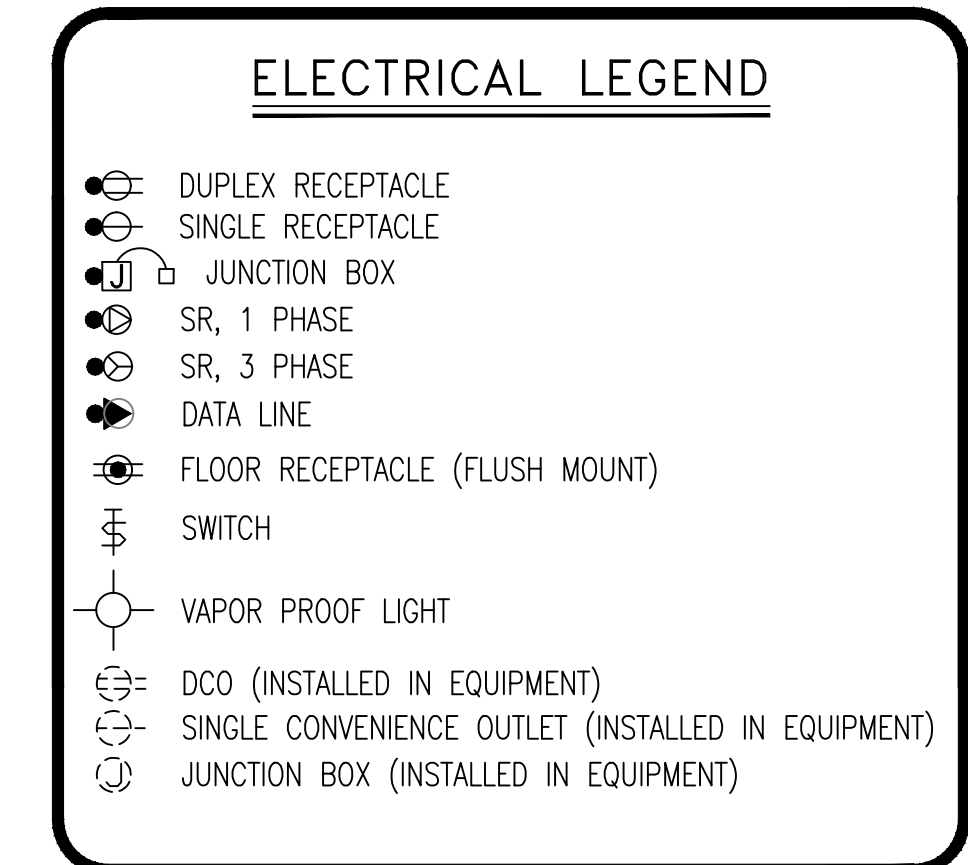
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ELECTRICAL NOTES:

- THIS ELECTRICAL PLAN IS INTENDED TO INDICATE ROUGH-IN LOCATIONS FOR KITCHEN EQUIPMENT ONLY. REFER TO ARCHITECTURAL CONSTRUCTION DOCUMENTS FOR ADDITIONAL ELECTRICAL REQUIREMENTS.
- ALL ROUGH-IN LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR FOR PROPER LOCATION.
- ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL ROUGH-IN AND FINAL CONNECTIONS OF FOOD SERVICE EQUIPMENT UNLESS OTHERWISE NOTED.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ROOF MOUNTED JUNCTION BOXES AND OUTLETS AS SHOWN ON ELECTRICAL PLAN. ACTUAL LOCATIONS SHALL BE DETERMINED BY ELECTRICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR TO PROVIDE ALL ROUGH-IN AND FINAL CONNECTIONS TO LIGHTS, BLOWER FANS, COIL DEFROST, AND REMOTE COMPRESSORS TO WALK-IN UNITS, INCLUDING ALL CONTROL WIRING.
- ELECTRICAL CONTRACTOR TO PROVIDE ALL ROUGH-IN AND FINAL CONNECTIONS TO LIGHT, EXHAUST BLOWERS, AND MAKE-UP AIR SYSTEMS TO EXHAUST HOOD. EXHAUST AND MAKE-UP AIR SYSTEMS TO BE INTERCONNECTED AND CONTROLLED BY A SINGLE SWITCH.
- TOPS OF ALL ROUGH-INS STUBBED OUT FROM FLOOR ARE NOT TO EXCEED 5" ABOVE FINISHED FLOOR, UNLESS NOTED OTHERWISE ON THIS DRAWING.
- ALL CORD AND PLUG REQUIREMENTS WHERE NEEDED, AND IF NOT SUPPLIED BY THE MANUFACTURER, SHALL BE FURNISHED BY THE ELECTRICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR TO PROVIDE FUSED DISCONNECT SWITCH AT ALL REMOTE CONDENSING UNITS AND MOUNT INSIDE WALK-IN BOX FOR BLOWER COIL UNITS.
- ELECTRICAL CONTRACTOR TO PROVIDE FUSED DISCONNECT SWITCHES AT ALL EXHAUST BLOWER AND M.U.A. UNITS.
- REMOTE CONDENSING UNITS ON BUILDING ROOF ARE TO BE LOCATED ON ARCHITECT'S AND MECHANICAL ENGINEER'S DRAWINGS, HOWEVER: THE RUN OF REFRIGERANT LINES FROM REMOTE CONDENSING UNITS TO CONNECTION POINTS ON EQUIPMENT SHOULD BE HELD TO A MINIMUM TO AVOID INCREASING THE SIZE OF THE CONDENSING UNITS.
- ANY CONFLICTS THAT PREVENT ELECTRICAL ROUGH-INS FROM BEING LOCATED AS SHOWN ON THIS DRAWING MUST BE BROUGHT TO THE ATTENTION OF THE KITCHEN EQUIPMENT CONTRACTOR. A RESOLUTION TO THE CONFLICT, IN WRITING, MUST BE MADE PRIOR TO ROUGHING IN SERVICES.
- ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR SUPPLYING, AND INSTALLING ANY SWITCHES, DISCONNECTS, STARTERS, SHUNT TRIP BREAKERS, AS WELL AS, ANY OTHER COMPONENTS OR DEVICES NOT SUPPLIED WITH THE EQUIPMENT WHICH WILL MAKE THE INSTALLATION COMPLETE, OPERATIONAL, AND IN COMPLIANCE WITH ALL APPLICABLE CODES.
- ALL DIMENSIONS SHOWN ARE FROM FINISHED WALL SURFACE TO ROUGH-IN CENTER-LINE, AND FROM CENTER-LINE TO CENTER-LINE.
- ALL HEIGHTS GIVEN FOR ROUGH-INS ARE FROM FINISHED FLOOR SURFACE TO CENTER-LINE OF ROUGH-IN.
- THE ROUGH-IN ELECTRICAL REQUIREMENTS SHOWN ON THIS DRAWING ARE FOR NEW AND RELOCATED EQUIPMENT ONLY. LOCATIONS OF ROUGH-INS ARE CONSIDERED TO BE IDEAL. HOWEVER, EXISTING ELECTRICAL SERVICES IN IMMEDIATE AREA ARE TO BE UTILIZED WHENEVER POSSIBLE. ELECTRICAL CONTRACTOR TO DETERMINE IF EXISTING SERVICES ARE ADEQUATE TO OPERATE EQUIPMENT SHOWN.
- IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO COVER IN THEIR SCOPE OF WORK ALL INFORMATION PROVIDED IN THE SPECIFICATION MANUALS.

KITCHEN - ELECTRICAL SCHEDULE

| ITEM | TAG | QTY | DESCRIPTION | VOLTAGE | HORSEPOWER | KILOWATTS | AMPS | CONNECTION | ROUGH-IN HEIGHT | REMARKS |
|------|-----|-----|-------------------------------|---------|------------|-----------|------|------------|-----------------|---------------------------------------|
| 1 | E1 | 1 | AIR CURTAIN | 208 1PH | | | 1.7 | JB | +102" | W/ MICRO SWITCH |
| 7 | E7 | 1 | UNDER COUNTER DISHWASHER | 208 1PH | | | 32.0 | JB | +12" | WITH BUILT-IN BOOSTER HEATER |
| 12 | E12 | 1 | ICE MAKER W/ BIN | 208 1PH | | | 9.5 | JB | +66" | |
| 15 | E15 | 1 | OFFICE COMPUTER | 120 1PH | | | 20.0 | DR | +48" | DEDICATED CIRCUIT/PROVIDE DATA OUTLET |
| 18 | E18 | 1 | 2 COMPARTMENT PREP SINK | 120 1PH | | | 20.0 | DR | +48" | CONVENIENCE OUTLET |
| 20 | E20 | 1 | MICROWAVE OVEN | 120 1PH | | | 13.4 | DR | +66" | |
| 22 | E22 | 1 | REACH-IN REFRIGERATOR, 3 DOOR | 120 1PH | | | 6.9 | DR | +12" | |
| 23 | E23 | 1 | REACH-IN FREEZER, 3 DOOR | 120 1PH | | | 14.0 | DR | +12" | |
| 24 | E24 | 1 | EXHAUST HOOD, TYPE 1 | 120 1PH | | | 5.0 | JB | +108" | |
| 25 | E25 | 1 | FIRE SUPPRESSION SYSTEM | 120 1PH | | | 3.0 | JB | +108" | |
| 26 | E26 | 1 | STEAMER W/ STAND | 208 1PH | | | 29.0 | JB | +18" | |
| 28 | E28 | 1 | 6 BURNER RANGE W/ GRIDDLE | 120 1PH | | | 4.0 | DR | +18" | |
| 29 | E29 | 1 | CHEF COUNTER W/ SINK | 120 1PH | | | 20.0 | DR | STUB-UP | CONVENIENCE OUTLET |
| 30 | E30 | 1 | FOOD PREP TABLE | 120 1PH | | | 2.9 | DR | STUB-UP | |
| 31 | E31 | 1 | MICROWAVE OVEN | 120 1PH | | | 13.4 | DR | STUB-UP | |
| 34 | E34 | 1 | HEAT LAMP | 120 1PH | | | 6.7 | JB | STUB-UP | |
| 35 | E35 | 1 | HEATED CABINET, MOBILE | 120 1PH | | | 15.8 | DR | DROP-DOWN | |
| 40 | E40 | 1 | HOT FOOD TABLE | 120 1PH | | | 16.7 | DR | +18" | |
| 42 | E42 | 1 | WORK TABLE | 120 1PH | | | 20.0 | DR | +48" | CONVENIENCE OUTLET |
| 49 | E49 | 1 | COFFEE BREWER | 120 1PH | | | 20.0 | JB | +48" | VERIFY WITH BEVERAGE VENDOR |
| 50 | E50 | 1 | TEA BREWER | 120 1PH | | | 15.0 | DR | +48" | VERIFY WITH BEVERAGE VENDOR |
| 51 | E51 | 1 | JUICE MACHINE | 120 1PH | | | 10.0 | DR | +48" | VERIFY WITH BEVERAGE VENDOR |



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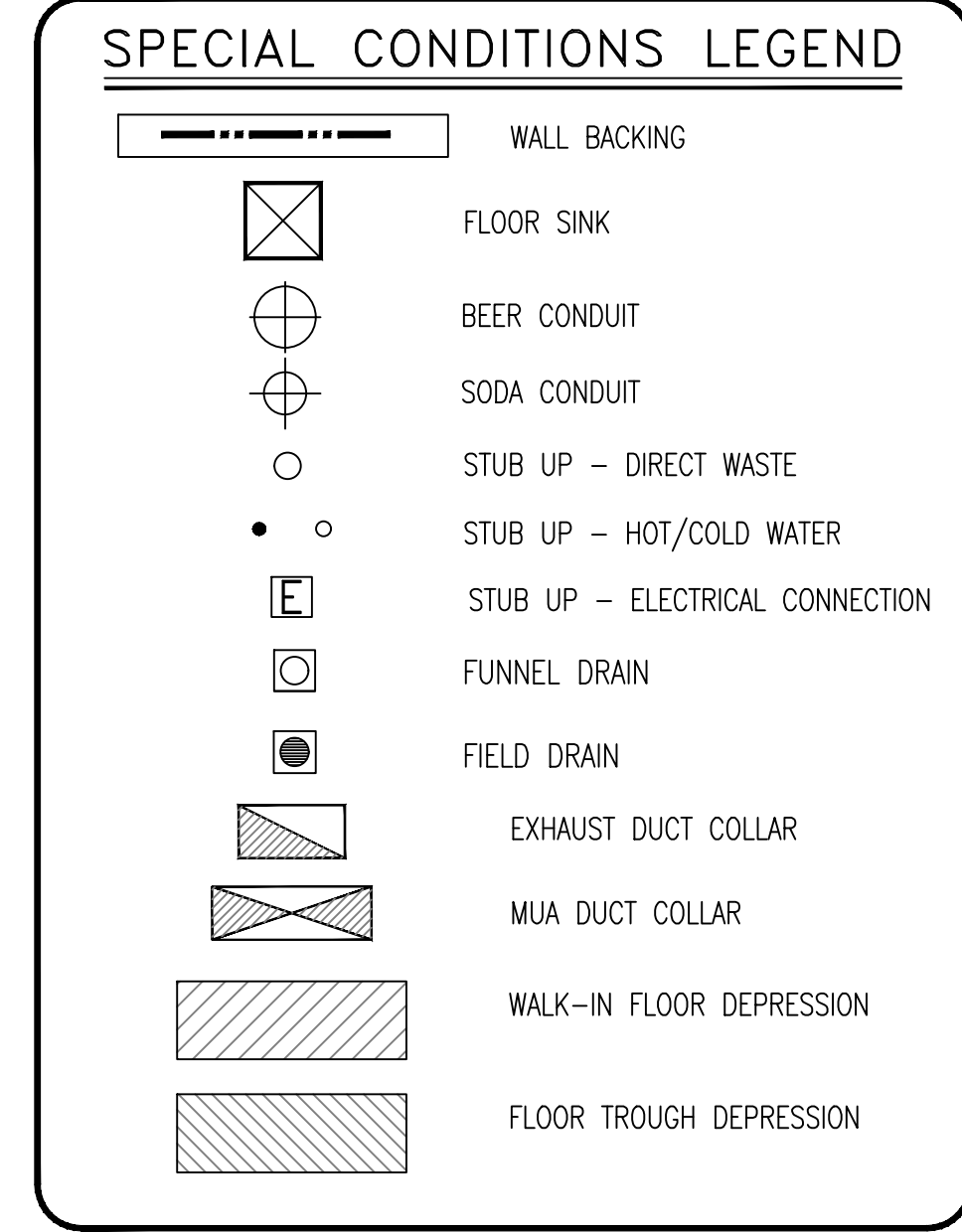
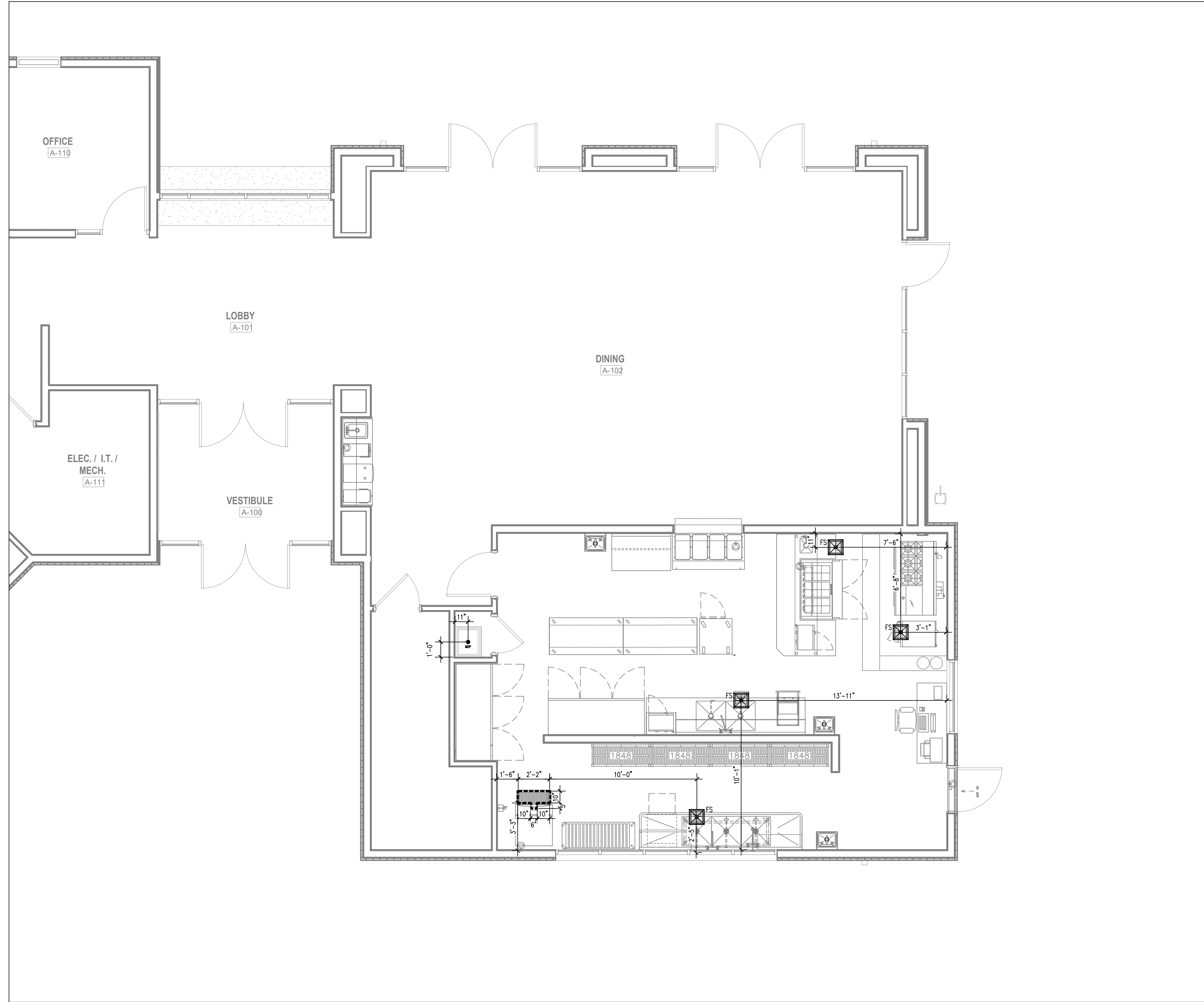
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SPECIAL CONDITIONS
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FS 5.0



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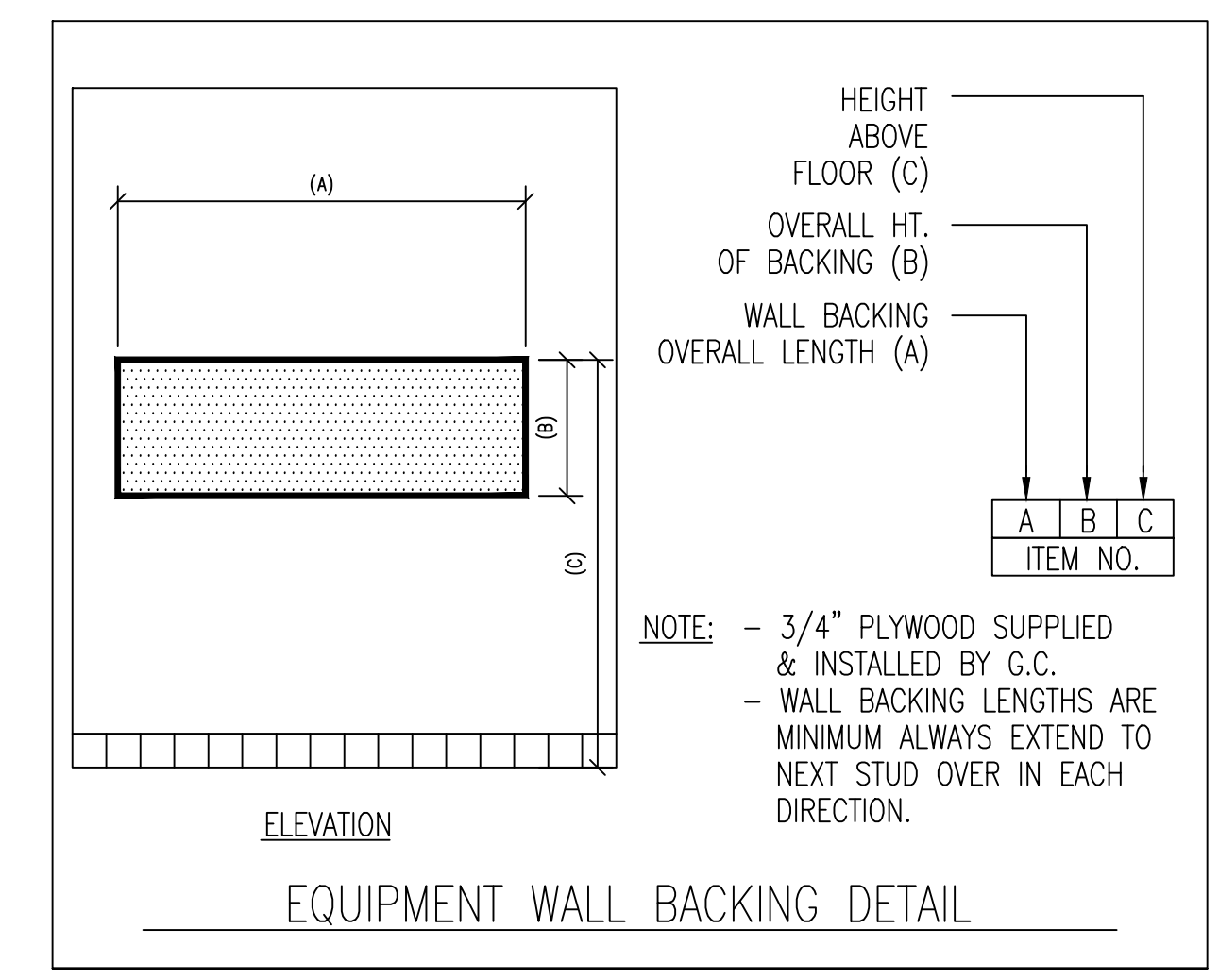
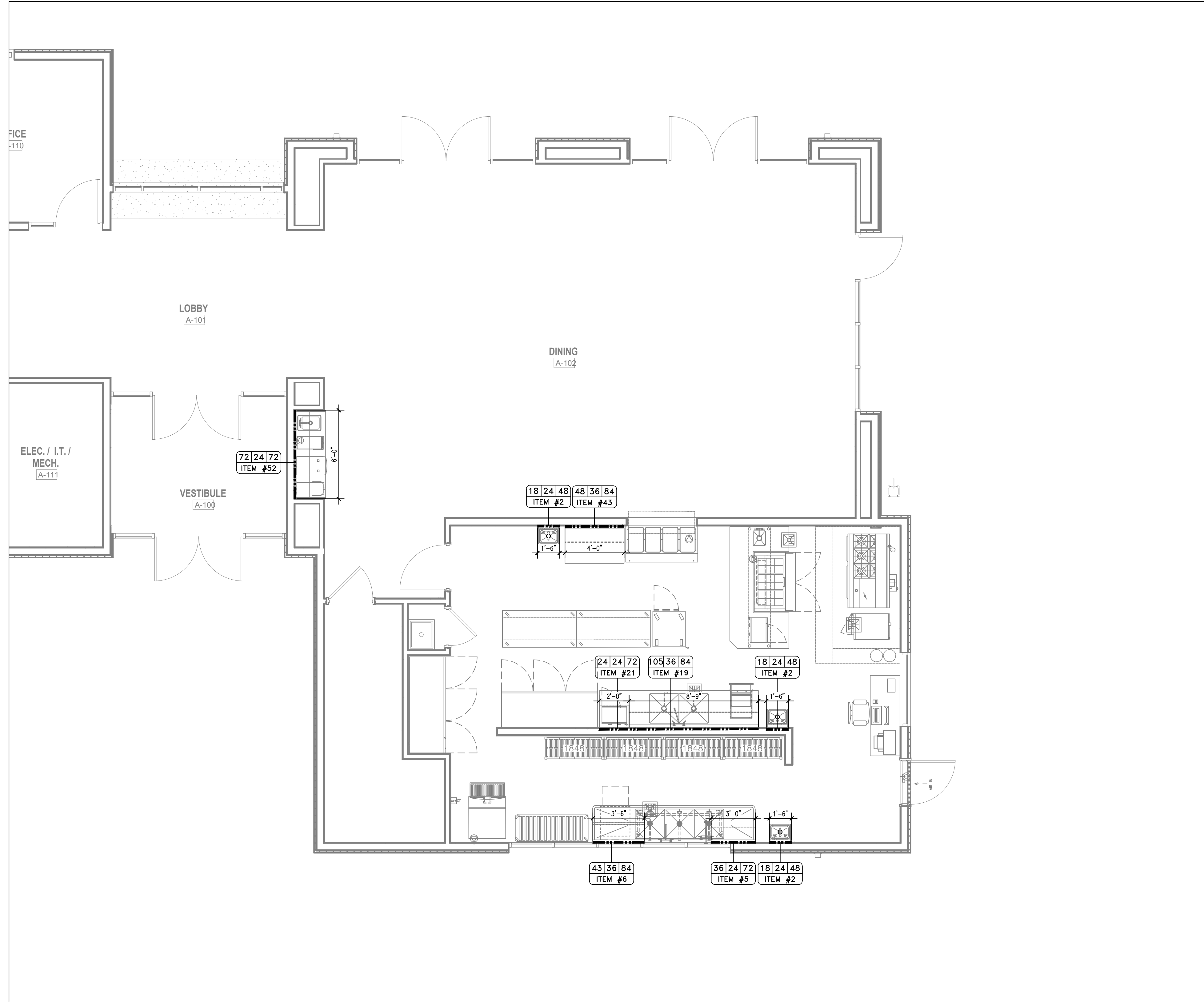
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KITCHEN
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FS 5.1



WALL BACKING PLAN
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