

GRANT COUNTY AIRPORT TERMINAL RENOVATION FOR

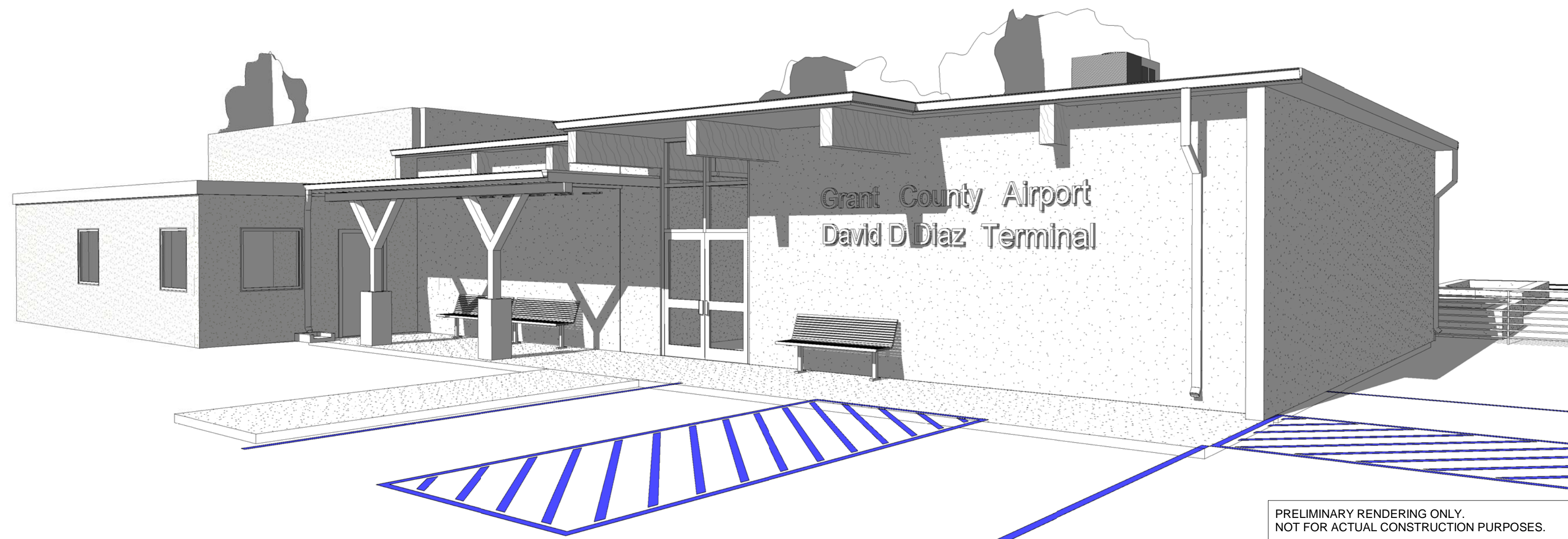
GRANT COUNTY,
158 AIRPORT ROAD
HURLEY, NEW MEXICO



CONSTRUCTION DOCUMENTS

ASA PROJECT NO. 19104L
GRANT COUNTY IFB BID NO. B-20-02
AIP PROJECT NO. 3-35-0039-021-2019

JULY 05, 2019



PRELIMINARY RENDERING ONLY.
NOT FOR ACTUAL CONSTRUCTION PURPOSES.

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NMDOT-AVIATION DIVISION GRANT NO.SVC-19-03

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p 575.388.2082

STUBBS STRUCTURAL
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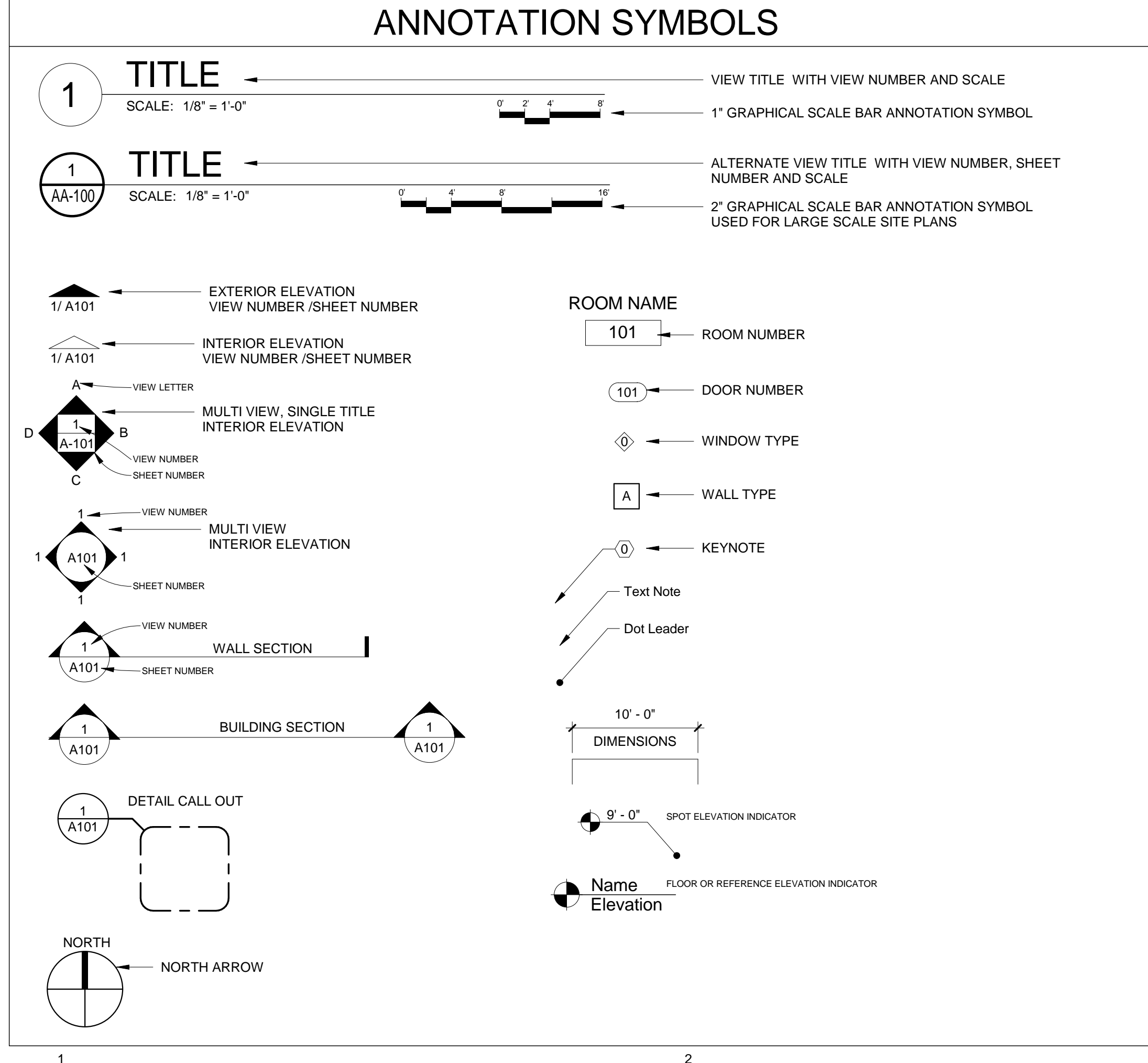
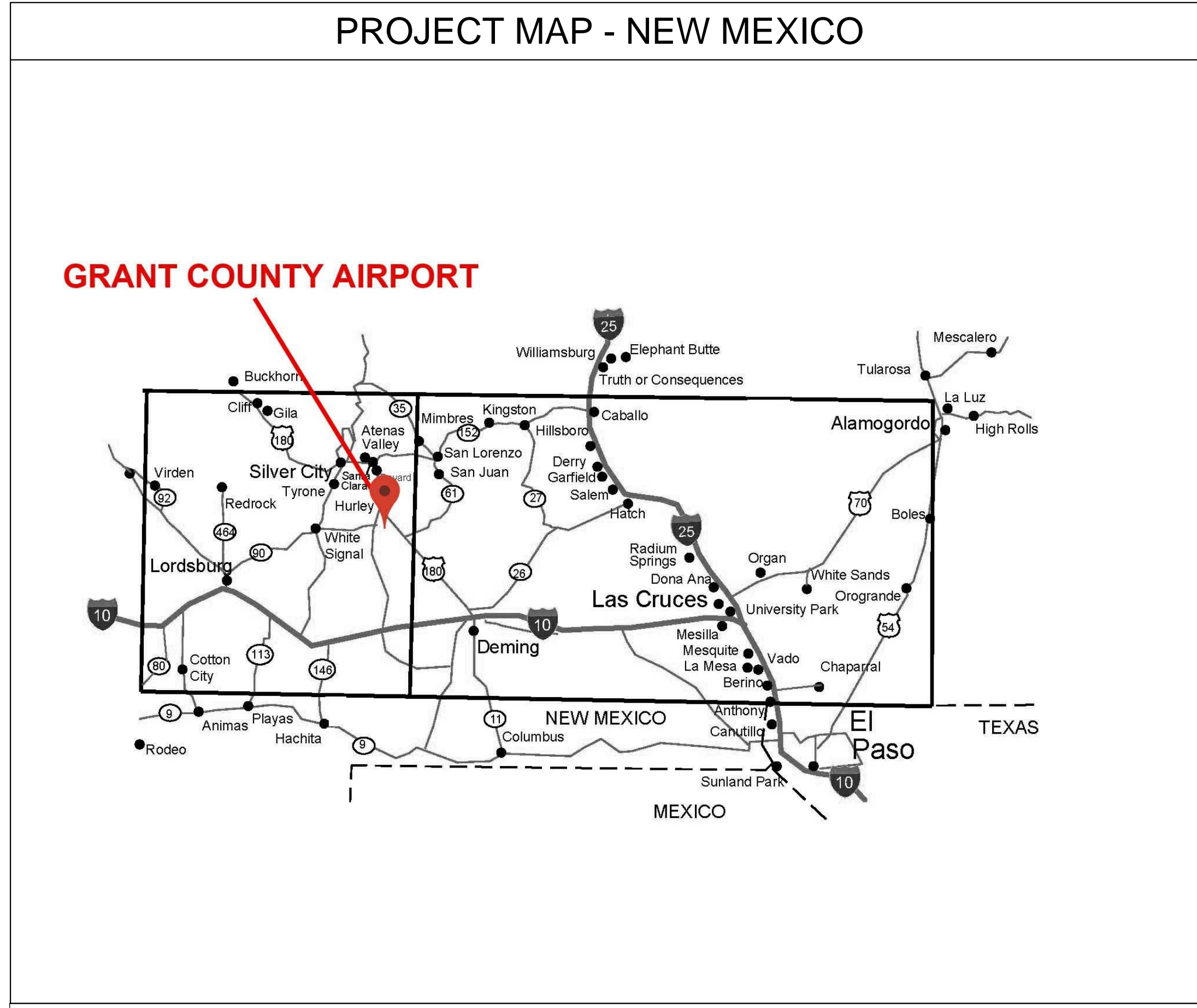
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BID LOT DESCRIPTIONS

BID LOT No. 1 (Base Bid) - Work included in Bid Lot No. 1 (Base Bid) shall include all work associated with the general site work improvements as shown in the drawings, including but not limited to, the following:

- Earthwork to redress grading and drainage
- Asphalt and concrete paving
- Parking lot striping and signage
- All work shown or required not specifically included in Bid Lots 2, 3, 4, 5, and 6.

BID LOT No. 2 - Work included in Bid Lot No. 2 shall include all work associated with the general upgrades to the HVAC and Electrical systems, including but not limited to, the following:

- Removal of existing HVAC system Electrical system components as shown in demolition drawings.
- Renovation and existing HVAC and Electrical systems as shown in drawings.
- Installation of new HVAC system components and equipment as shown in drawings, including gas service line extensions.
- Installation of new lighting system components including sensors, fixtures, Electrical work associated with the renovation of the HVAC system and the installation of new HVAC equipment.
- All work shown or required not specifically included in Bid Lots 1, 3, 4, 5 and 6.

BID LOT No. 3 - Work included in Bid Lot No. 3 shall include all work associated with the general roofing of the portions of the building as shown in the drawings, including but not limited to the following:

- Removal of the existing roofing system down to existing deck, to include haul-off
- Installation of new rigid roof insulation and a modified bitumen roofing system as specified and as shown in the contract drawings.
- Removal and relocation of existing gas and electrical service lines on the roof as required for roofing work.
- Installation of flashings, accessories, gutter reinstallation and replacement, painting, and the reinstallation of communication wiring.
- All work shown or required not specifically included in Bid Lots 1, 2, 4, 5, and 6.

BID LOT No. 4 - Work included in Bid Lot No. 4 shall include all work associated with the general construction of new restrooms as shown in the drawings, including but not limited to the following:

- Demolition and removal of existing plumbing fixtures, interior partitions, light fixtures and associated wiring, and hot water heater and associated piping.
- Installation of new plumbing fixtures including hot water heater and hot water distribution piping.
- New interior partitions and associated finish work.
- New floor and ceiling finishes.
- New toilet accessories including grab bars.
- Ventilation and lighting work specifically for the new restrooms.
- All work shown or required not specifically included in Bid Lots 1, 2, 3, 5, and 6.

BID LOT No. 5 - Work included in Bid Lot No. 5 shall include all work associated with the general renovation of the building exterior finishes and the new construction of an entrance canopy, including but not limited to the following:

- Demolition and removal of existing finishes.
- Repair of damaged wall surfaces prior to application of new finishes.
- Demolition and removal of existing aluminum storefronts and door assemblies.
- All work associated with installation of new exterior hollow metal door and window frame assemblies as shown in drawings.
- Bid Lot No. 5 includes Bid Alternate No. 1: All work associated with the installation of new exterior aluminum storefront door and window assemblies as shown in the drawings.
- All work associated with construction of new steel entrance canopy, including footing preparation, concrete work, steel erection, painting and electrical work (lighting and associated wiring).
- All work shown or required not specifically included in Bid Lots 1, 2, 3, 4 and 6.

BID LOT No. 6 - Work included in Bid Lot No. 6 shall include all work associated with the general renovation of the building interior consisting of finishes and replacement of doors, including but not limited to the following:

- Demolition and removal of existing finishes including surface preparation to receive new finishes.
- Installation of new floor, wall, and ceiling finishes.
- Demolition and removal of existing door including frame preparation to receive new doors.
- New doors and associated hardware as scheduled in the drawings.
- All work shown or required not specifically included in Bid Lots 1, 2, 3, 4 and 5.

PROJECT DATA

<p>A. PROJECT IDENTIFICATION</p> <p>GRANT COUNTY AIRPORT TERMINAL RENOVATION</p> <p>B. PROJECT ADDRESS</p> <p>158 AIRPORT ROAD, HURLEY, NM 88061</p> <p>C. DESIGN PROFESSIONALS</p> <p>ASA ARCHITECTS 201 N. ALAMEDA LAS CRUCES, NM 88005 575.526.3111</p> <p>WEBER ENGINEERING, P.C. P.O. BOX 5132 SILVER CITY NM 88062 575.388.2082</p> <p>STUBBS ENGINEERING, INC. 277 E. AMADOR AVE. LAS CRUCES, NM 88001 575.993.5223</p> <p>RBM ENGINEERING, INC. 1014 S. MAIN ST. SUITE # C LAS CRUCES, NM 88005 575.647.1554</p> <p>D. PRIME DESIGN PROFESSIONAL</p> <p>JOSE LUIS BEJARANO - INTERN ARCHITECT ASA ARCHITECTS 575.526.3111</p> <p>E. APPLICABLE CODES</p> <p>2015 International Existing Building Code 2015 New Mexico Existing Building Code 2009 New Mexico Building Code 2009 International Energy Conservation Code 2009 New Mexico Energy Conservation Code 2012 New Mexico Plumbing and Mechanical Code 2009 ANSI A117.1 Accessible and Usable Buildings and Facilities 2012 Uniform Mechanical Code (UPMC) 2012 Uniform Plumbing Code (UPC) 1998 ADA 2017 New Mexico Electrical Code 2017 National Electrical Code 2012 National Electrical Safety Code 2015 New Mexico Mechanical Code 2015 New Mexico Plumbing Code 2003 International Fire Code</p>	<p>F. DESIGN CRITERIA LIST: EXISTING BUILDING DATA</p> <ol style="list-style-type: none"> Existing Construction Type: III B (Unchanged) Renovation - Alteration - Level 2 (2,016 s.f.) Alteration - Level 2 (324 s.f.) Existing building area: 4,180 s.f. Renovation: 2,340 s.f. (Total) Existing Occupancy Type: Group B (Unchanged) Existing Occupant load: 86 people (Unchanged) Allowable area: 19,000 / Existing (Unchanged) Exit Requirements: 0.2 x 86 people = 18" required 108" Provided - (3) 38" doors. Plumbing Fixtures: Men: required/existing 1 / Provided: 2 Women: required/existing 1 / Provided: 2 Lavatories: Men: required/existing 1 / Provided: 2 Women: required/existing 1 / Provided: 2 Drinking Fountains: Required 1 / Provided 1 Service Sinks: 1 Service Sink (Total) Fire Sprinklers: None (Unchanged) Building Height: 1 Story (Unchanged) Land Use Zone: Existing (Unchanged) Location Of Property: 158 Airport Road, Hurley New Mexico 88061 (Unchanged) Seismic Location: Existing (Unchanged)
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STANDARD ABBREVIATIONS

ALL TERMS AND ABBREVIATIONS USED WITH IN THESE CONSTRUCTION DOCUMENTS ARE SET FORTH BY THE UNIFORM DRAWING SYSTEM, REFERENCE U.S. NATIONAL CAD STANDARD VERSION 3.1, MODULE 5 FOR COMPLETE LISTING. www.nationalcadstandard.org

<p>AB ANCHOR BOLT</p> <p>A/C AIR CONDITIONING</p> <p>ADDTL. ADDITIONAL</p> <p>ADJ. ADJUST(ABLE)</p> <p>A.F.F. ABOVE FINISH FLOOR</p> <p>ALUM. ALUMINUM</p> <p>ALT. ALTERNATE</p> <p>BD. BOARD</p> <p>BLDG. BUILDING</p> <p>BRG. BEARING</p> <p>BTM. BOTTOM</p> <p>C.F. CUBIC FEET</p> <p>C.J. CONTROL JOINT</p> <p>CLG. CEILING</p> <p>C.M.U. CONCRETE MASONRY UNIT</p> <p>C.O. CLEANOUT</p> <p>COL. COLUMN</p> <p>CONC. CONCRETE</p> <p>CONT. CONTINUE, CONTINUOUS</p> <p>CONTR. CONTRACT(OR)</p> <p>CPT. CARPET(ED)</p> <p>DBL. DOUBLE</p> <p>D.F. DRINKING FOUNTAIN</p> <p>DIA. DIAMETER</p> <p>DIM. DIMENSION</p> <p>DN. DOWN</p> <p>DTL. DETAIL</p> <p>DW. DISHWASHER</p> <p>DWG. DRAWING(S)</p> <p>E.A. EACH</p> <p>EIFS. EXTERIOR INSULATION FINISH SYSTEM</p> <p>ELEC. ELECTRIC(AL)</p> <p>ELEV. ELEVATION</p> <p>EPDM ETHYLENE PROPYLENE DIENE MONOMER</p> <p>EPI. EXTRUDED POLYSTYRENE INSULATION</p> <p>EQUIP. EQUIPMENT</p> <p>E.W.C. ELECTRIC WATER COOLER</p> <p>EXIST. EXISTING</p> <p>EXT. EXTERIOR</p> <p>F.D. FLOOR DRAIN</p> <p>F.E. FIRE EXTINGUISHER & BRACKET</p>	<p>F.E.C. FIRE EXTINGUISHER & CABINET</p> <p>FIN. FINISH</p> <p>FLR. FLOOR</p> <p>FNDR. FOUNDATION</p> <p>F.S. FLOOR SINK</p> <p>FTG. FOOTING</p> <p>GA. GAUGE</p> <p>G.C. GENERAL CONTRACTOR</p> <p>GYP. GYPSUM</p> <p>H.B. HOSE BIB</p> <p>H.C. HOLLOW CORE</p> <p>HDWR. HARDWARE</p> <p>HGT. HEIGHT</p> <p>H.M. HOLLOW METAL</p> <p>HVAC HEATING/ VENTILATING AIR CONDITIONING</p> <p>HYD. HYDRANT</p> <p>I.D. INSIDE DIAMETER</p> <p>IN. INCH</p> <p>INSUL. INSULATION</p> <p>INT. INTERIOR</p> <p>JST. JOIST</p> <p>LAV. LAVATORY</p> <p>LBS. POUNDS</p> <p>L.F. LINEAR FEET</p> <p>MAX. MAXIMUM</p> <p>M.B. MARKER BOARD</p> <p>MECH. MECHANICAL</p> <p>MFG. MANUFACTURER</p> <p>MIN. MINIMUM</p> <p>MISC. MISCELLANEOUS</p> <p>MTL. METAL</p> <p>NIC. NOT IN CONTRACT</p> <p>NO. NUMBER</p> <p>N.T.S. NOT TO SCALE</p> <p>ON C. ON CENTER</p> <p>O.D. OUTSIDE DIAMETER</p> <p>O.F. OVERFLOW</p> <p>O.H. OPPOSITE HAND</p> <p>OPNG. OPENING</p> <p>PART. PARTITION</p> <p>PLBG. PLUMBING</p> <p>PLYWD. PLYWOOD</p> <p>POLY. POLYETHYLENE</p>	<p>PROJ. PROJECT, PROJECTED</p> <p>PROP. PROPERTY</p> <p>P.S.F. POUNDS PER SQUARE FOOT</p> <p>P.S.I. POUNDS PER SQUARE INCH</p> <p>P.V.C. POLYVINYL CHLORIDE</p> <p>PVMT. PAVEMENT</p> <p>QT. QUANTITY</p> <p>QTY. QUANTITY</p> <p>RAD. RADIUS</p> <p>R.D. ROOF DRAIN</p> <p>REF. REFRIGERATOR</p> <p>REINF. REINFORCING/REINFORCEMENT</p> <p>REQD. REQUIRED</p> <p>RM. ROOM</p> <p>S.C. SOLID CORE</p> <p>S.F. SQUARE FOOT/FEET</p> <p>SHT. SHEET</p> <p>SIM. SIMILAR</p> <p>SPKR. SPEAKER</p> <p>SQ. SQUARE</p> <p>S.S. STAINLESS STEEL</p> <p>STD. STANDARD</p> <p>STL. STEEL</p> <p>STO. STUCCO</p> <p>SUSP. SUSPENDED</p> <p>S.Y. SQUARE YARD</p> <p>T. TREAD</p> <p>T.B. TACK BOARD</p> <p>TEL. TELEPHONE</p> <p>T.G. TONGUE & GROOVE</p> <p>THK. THICK(NESS)</p> <p>T.BK. TOP OF BEAM</p> <p>T.O.W. TOP OF WALL</p> <p>TYP. TYPICAL</p> <p>U.H. UNIT HEATER</p> <p>UNO. UNLESS NOTED OTHER WISE</p> <p>VAR. VARIES</p> <p>VCT. VINYL COMPOSITION TILE</p> <p>VERT. VERTICAL</p> <p>W/ WITH</p> <p>WD. WOOD</p> <p>W.P. WATER PROOF(ING)</p> <p>WSCOT. WAINSCOT</p> <p>W.W.F. WELDED WIRE FABRIC</p> <p>W.W.M. WELDED WIRE MESH</p>
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ASA ARCHITECTS

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CONSTRUCTION DOCUMENTS
07/03/19

GRANT COUNTY AIRPORT TERMINAL RENOVATION BID# B-20-02

GRANT COUNTY,
158 AIRPORT ROAD
HURLEY, NEW MEXICO

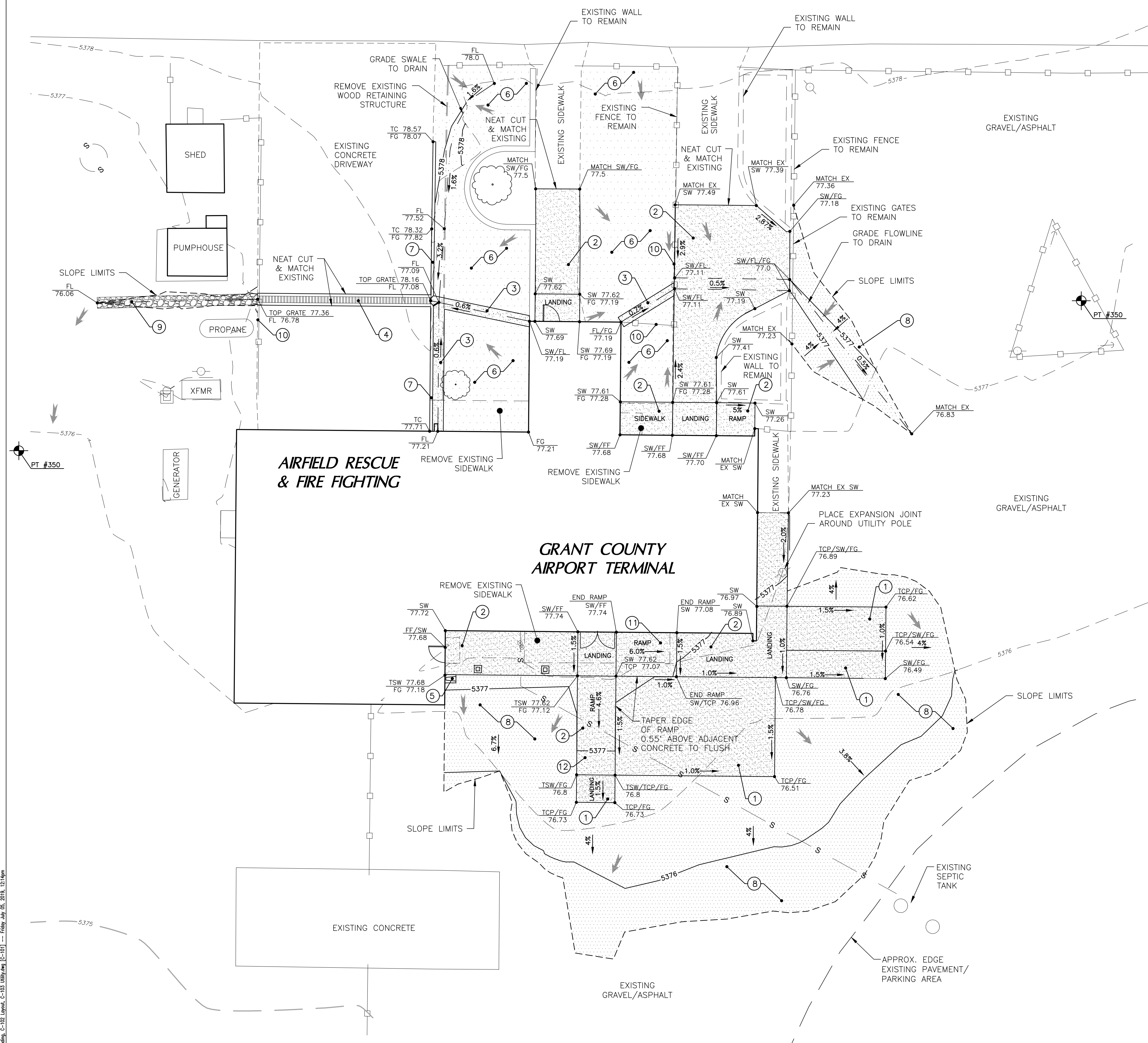
MARK	DATE	DESCRIPTION

ASA PROJECT NO./Project Number	19104L
PROJECT NO.:	19104L
DRAWN BY:	JLB
CHECKED BY:	ASA
SHEET TITLE:	

GENERAL INFORMATION

SHEET NO: **G-001**

AIRPORT RUNWAY



KEYED CONSTRUCTION NOTES (X)

- 1 BUILD CONCRETE PAVEMENT AT ADA PARKING. SEE DETAILS D2, D4/C-500
- 2 BUILD CONCRETE TURNDOWN SIDEWALK WITH LANDINGS AND RAMPS AS SHOWN, WIDTH SHOWN ON LAYOUT PLAN. SEE DETAILS B1, B2, C1/C-501
- 3 BUILD 2' WIDE CONCRETE DRAINAGE CHANNEL TO DIRECT DOWNSPOUT RUNOFF. SEE DETAIL A3/C-501
- 4 NEAT CUT EXISTING CONCRETE DRIVEWAY AND BUILD TRENCH DRAIN. SEE DETAIL A1/C-501
- 5 INSTALL SPLASH BLOCK AT NEW DOWNSPOUT.
- 6 REMOVE AND CLEAN EXISTING LANDSCAPE ROCK. REGRADE LANDSCAPE AREA TO DRAIN TO LOW POINT. PLACE 2" DEPTH LANDSCAPE ROCK OVER LANDSCAPE FABRIC. RE-USE EXISTING LANDSCAPE ROCK AND PROVIDE ADDITIONAL ROCK TO MATCH EXISTING IN ORDER TO REACH 2" DEPTH.
- 7 BUILD 18" STRAIGHT CURB ADJACENT TO EXISTING CONCRETE DRIVEWAY. SEE DETAIL C4/C-500
- 8 BUILD NEW GRAVEL SURFACING SECTION AT RESHAPED AREAS. SEE DETAIL C2/C-500
- 9 BUILD 2' WIDE RIPRAP FLOWLINE AT TRENCH DRAIN OUTLET. SEE DETAIL A2/C-501
- 10 REMOVE FENCE PANELS AS NECESSARY FOR CONSTRUCTION. REPLACE PANELS WHEN CONSTRUCTION IS COMPLETE.
- 11 BUILD RAMP AND LANDING AT ADA PARKING. SEE DETAIL D2/C-501
- 12 BUILD RAMP AND LANDING TO PARKING LOT. SEE DETAIL D4/C-501

SURVEY CONTROL COORDINATE TABLE

POINT #	NORTHING	EASTING	ELEV	DESCRIPTION
350	593318.0620	2623580.5040	5376.2040	CP-1
351	593353.9240	2624098.3040	5375.8130	FND NAIL-SUN MTN AMERICA INC 5418
352	593343.463	2623798.0450	5377.1520	CP-2 (WEST OF FUEL TANKS)
353	593180.8760	2624228.4430	5374.1470	CP-3 (SOUTH OF PRIVATE TERMINAL)

NOTE:
COORDINATE TABLE OR ELECTRONIC CAD FILES
AVAILABLE FROM ENGINEER UPON REQUEST

NOTE:
REFER TO G-001 FOR BID LOT DESCRIPTIONS

EARTHWORK CALCULATIONS

RAW VOLUMES (SOUTH SIDE)

EXCAVATION:	1.5 C.Y.
EMBANKMENT:	60 C.Y.

RAW VOLUMES (NORTH SIDE)

EXCAVATION:	12 C.Y.
EMBANKMENT:	5 C.Y.

NOTES:
1. EARTHWORK CALCULATIONS REPRESENT THE TOTAL VOLUMES FROM EXISTING SURFACE TO TOP OF FINISHED GRADE, INCLUDING CONCRETE REMOVAL AND NEW SURFACING QUANTITIES. ADDITIONAL EXCAVATION REQUIRED TO REACH SUBGRADE IN CUT CONDITIONS IS NOT INCLUDED.

LEGEND

--- PROPERTY LINE	☐ WATER METER	SW TOP OF SIDEWALK	⊙ LIGHT & POLE
➔ DRAINAGE FLOW ARROW	☐ GAS METER	TOA TOP OF ASPHALT	⊙ SEWER MANHOLE
--- FENCE LINE	➔ GUY WIRE	TW TOP OF WALL	⊙ FIRE HYDRANT
- - - EXISTING CONTOUR	⊗ WATER VALVE	BW BOTTOM OF WALL (TOP OF FOOTING)	⊗ TPED
~ FINAL CONTOUR	⊙ POWER POLE	FF FINISHED FLOOR	⊙ SEWER CLEANOUT
- - - GRADE BREAK	⊙ TREE	EG EXISTING GRADE	⊙ BOLLARD
- W - NEW WATER LINE	- EW - EXIST. WATER LINE	FG FIN. PAVEMENT GRADE	⊙ SURVEY CONTROL
- S - NEW SEWER LINE	- ES - EXIST. SEWER LINE	FL FLOW LINE	⊗ KEYED BUILD NOTE
- G - NEW GAS LINE	- EG - EXIST. GAS LINE	TCP TOP CONCRETE PAVEMENT	
- OHP - OVERHEAD POWER	- OHU - OVERHEAD UTILITY	TC TOP OF CURB	
- UGP - UNDERGROUND POWER			

ASA ARCHITECTS

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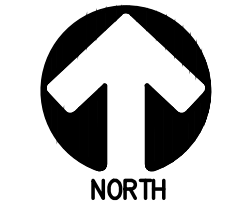
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GRANT COUNTY,
158 AIRPORT ROAD
HURLEY, NEW MEXICO

MARK	DATE	DESCRIPTION

ASA PROJECT NO.: 19104L
DRAWN BY: PDW
CHECKED BY: TW
SHEET TITLE:

SITE GRADING AND DRAINAGE PLAN

A1 SITE GRADING AND DRAINAGE PLAN
C-101 SCALE: 1" = 10'

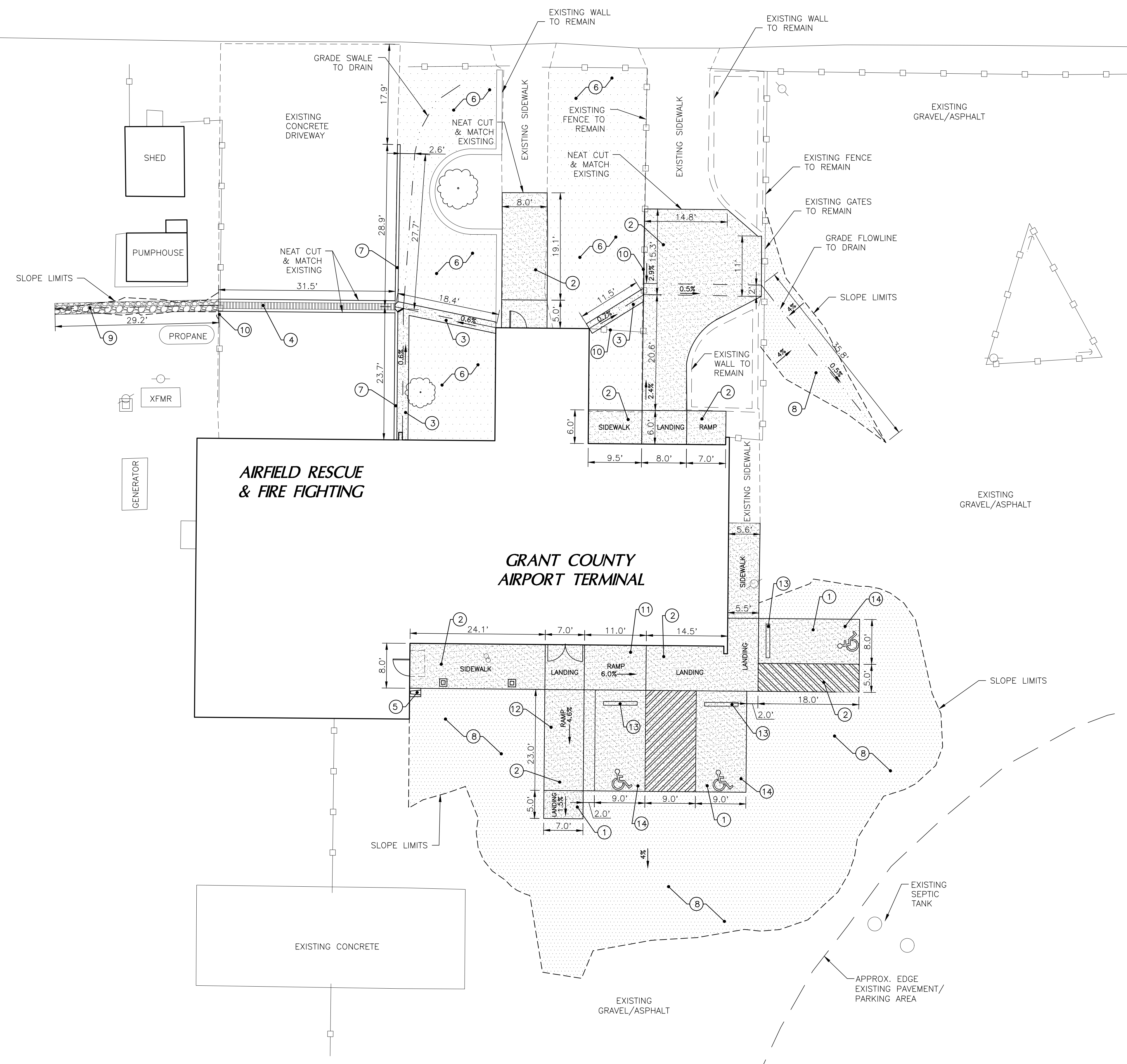


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SHEET NO:
C-101

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AIRPORT RUNWAY



KEYED CONSTRUCTION NOTES (X)

- 1 BUILD CONCRETE PAVEMENT AT ADA PARKING. SEE DETAILS D2, D4/C-500
- 2 BUILD CONCRETE TURNDOWN SIDEWALK WITH LANDINGS AND RAMPS AS SHOWN, WIDTH SHOWN ON LAYOUT PLAN. SEE DETAILS B1, B2, C1/C-501
- 3 BUILD 2' WIDE CONCRETE DRAINAGE CHANNEL TO DIRECT DOWNSPOUT RUNOFF. SEE DETAIL A3/C-501
- 4 NEAT CUT EXISTING CONCRETE DRIVEWAY AND BUILD TRENCH DRAIN. SEE DETAIL A1/C-501
- 5 INSTALL SPLASH BLOCK AT NEW DOWNSPOUT.
- 6 REMOVE AND CLEAN EXISTING LANDSCAPE ROCK. REGRADE LANDSCAPE AREA TO DRAIN TO LOW POINT. PLACE 2" DEPTH LANDSCAPE ROCK OVER LANDSCAPE FABRIC. RE-USE EXISTING LANDSCAPE ROCK AND PROVIDE ADDITIONAL ROCK TO MATCH EXISTING IN ORDER TO REACH 2" DEPTH.
- 7 BUILD 18" STRAIGHT CURB ADJACENT TO EXISTING CONCRETE DRIVEWAY. SEE DETAIL C4/C-500
- 8 BUILD NEW GRAVEL SURFACING SECTION AT RESHAPED AREAS. SEE DETAIL C2/C-500
- 9 BUILD 2' WIDE RIPRAP FLOWLINE AT TRENCH DRAIN OUTLET. SEE DETAIL A2/C-501
- 10 REMOVE FENCE PANELS AS NECESSARY FOR CONSTRUCTION. REPLACE PANELS WHEN CONSTRUCTION IS COMPLETE.
- 11 BUILD RAMP AND LANDING AT ADA PARKING. SEE DETAIL D2/C-501
- 12 BUILD RAMP AND LANDING TO PARKING LOT. SEE DETAIL D4/C-501
- 13 INSTALL PARKING BUMPER (TYP.) SEE DETAIL 2 A3, B3/C-500
- 14 STRIPE AND SIGN ADA PARKING. SEE DETAILS A1, A2/C-500

NOTE:
REFER TO G-001 FOR BID LOT DESCRIPTIONS

LEGEND

--- PROPERTY LINE	☐ WATER METER	SW TOP OF SIDEWALK	☉ LIGHT & POLE
➔ DRAINAGE FLOW ARROW	☐ GAS METER	TOA TOP OF ASPHALT	⊙ SEWER MANHOLE
--- FENCE LINE	➔ GUY WIRE	TW TOP OF WALL	⊙ FIRE HYDRANT
- - - EXISTING CONTOUR	⊗ WATER VALVE	BW BOTTOM OF WALL (TOP OF FOOTING)	⊠ TPED
~ FINAL CONTOUR	⊙ POWER POLE	FF FINISHED FLOOR	⊙ SEWER CLEANOUT
- - - GRADE BREAK	⊙ TREE	EG EXISTING GRADE	• BOLLARD
- W - NEW WATER LINE	- EW - EXIST. WATER LINE	FG FIN. PAVEMENT GRADE	⊙ SURVEY CONTROL
- S - NEW SEWER LINE	- ES - EXIST. SEWER LINE	FL FLOW LINE	⊙ KEYED BUILD NOTE
- G - NEW GAS LINE	- EG - EXIST. GAS LINE	TCP TOP CONCRETE PAVEMENT	
- OHP - OVERHEAD POWER	- OHU - OVERHEAD UTILITY	TC TOP OF CURB	
- UGP - UNDERGROUND POWER			

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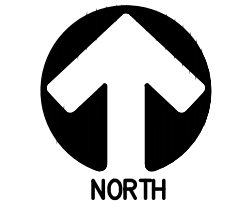
GRANT COUNTY AIRPORT TERMINAL RENOVATION
GRANT COUNTY,
158 AIRPORT ROAD
HURLEY, NEW MEXICO

MARK	DATE	DESCRIPTION
1	JULY 03, 2019	ISSUE

ASA PROJECT NO.: 19104L
DRAWN BY: PDW
CHECKED BY: TW

SITE LAYOUT PLAN

A1
C-102
SITE LAYOUT PLAN
SCALE: 1" = 10'



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SHEET NO:
C-102

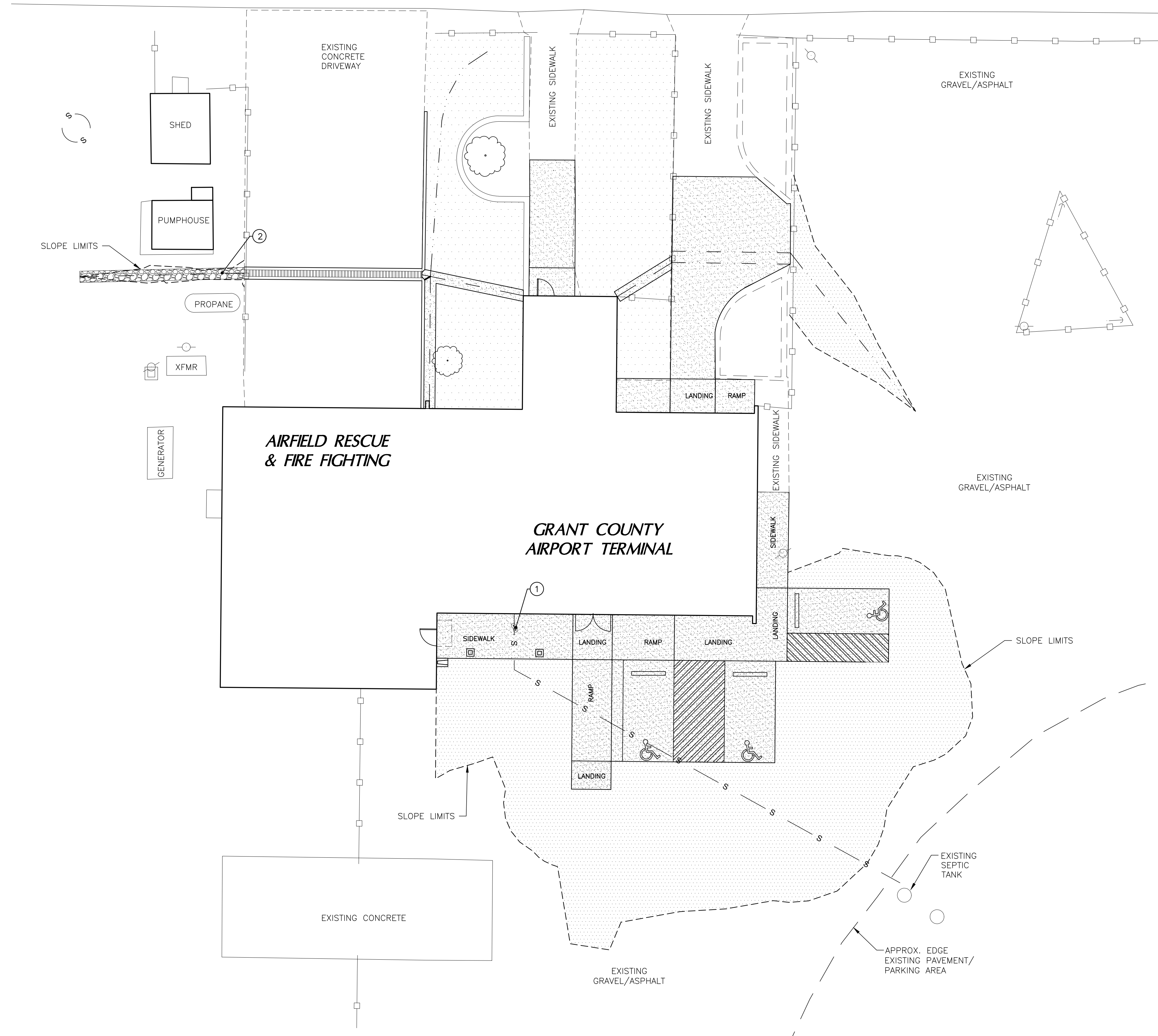
C:\PROJECTS\19104L\19104L.dwg [C-102] - Friday, July 03, 2019, 12:59pm

AIRPORT RUNWAY

KEYED UTILITY CONSTRUCTION NOTES (X)

- 1 ADJUST CLEANOUT TO GRADE IN NEW SIDEWALK. REPLACE PVC CAPS WITH NEW FLUSH BRONZE CLEANOUT PLUGS.
- 2 EXCAVATE AREA NEAR PUMPHOUSE BY HAND-DIG METHODS TO AVOID IMPACTS TO EXISTING POWER/WATER LINES.

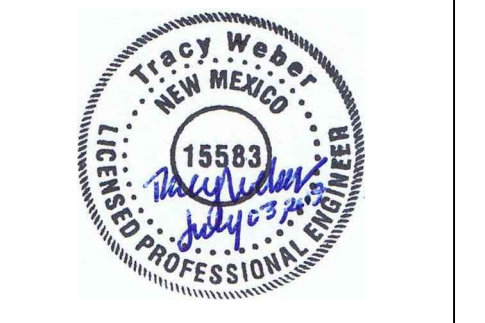
NOTE:
REFER TO G-001 FOR BID LOT DESCRIPTIONS



LEGEND

--- PROPERTY LINE	■ WATER METER	SW TOP OF SIDEWALK	⊙ LIGHT & POLE
→ DRAINAGE FLOW ARROW	⊠ GAS METER	TOA TOP OF ASPHALT	⊙ SEWER MANHOLE
○ FENCE LINE	→ GUY WIRE	TW TOP OF WALL	⊙ FIRE HYDRANT
- - - EXISTING CONTOUR	⊠ WATER VALVE	BW BOTTOM OF WALL (TOP OF FOOTING)	⊠ TPED
~ FINAL CONTOUR	○ POWER POLE	FF FINISHED FLOOR	⊙ SEWER CLEANOUT
- - - GRADE BREAK	○ TREE	EG EXISTING GRADE	• BOLLARD
- W - NEW WATER LINE	- EW - EXIST. WATER LINE	FG FIN. PAVEMENT GRADE	⊙ SURVEY CONTROL
- S - NEW SEWER LINE	- ES - EXIST. SEWER LINE	FL FLOW LINE	(X) KEYED BUILD NOTE
- G - NEW GAS LINE	- EG - EXIST. GAS LINE	TCP TOP CONCRETE PAVEMENT	
- OHP - OVERHEAD POWER	- OHU - OVERHEAD UTILITY	TC TOP OF CURB	
- UGP - UNDERGROUND POWER			

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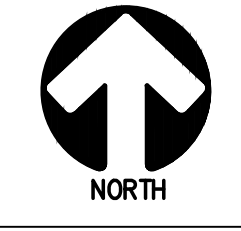
GRANT COUNTY AIRPORT TERMINAL RENOVATION
GRANT COUNTY,
158 AIRPORT ROAD
HURLEY, NEW MEXICO

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MARK: JULY 03, 2019

ASA PROJECT NO.: 19104L
DRAWN BY: PDW
CHECKED BY: TW
SHEET TITLE:

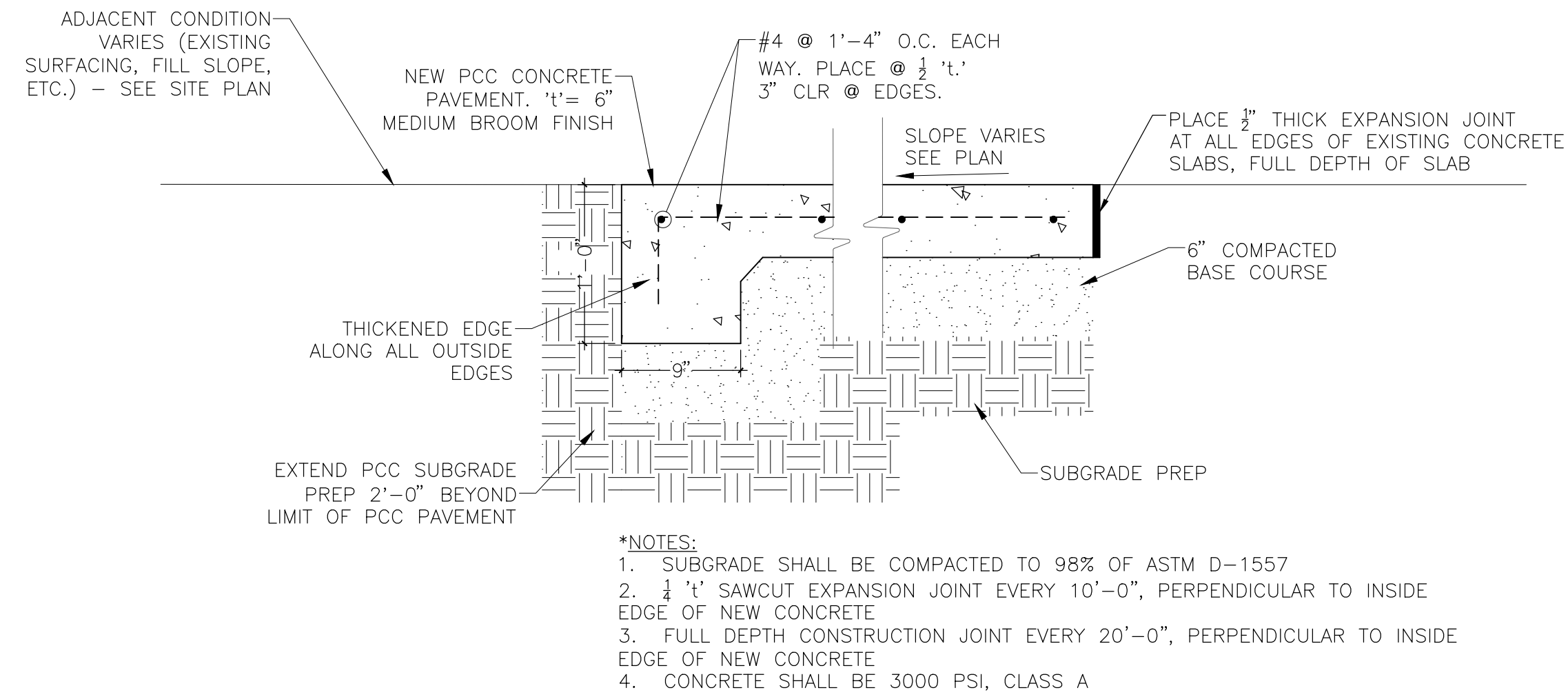
SITE UTILITY PLAN



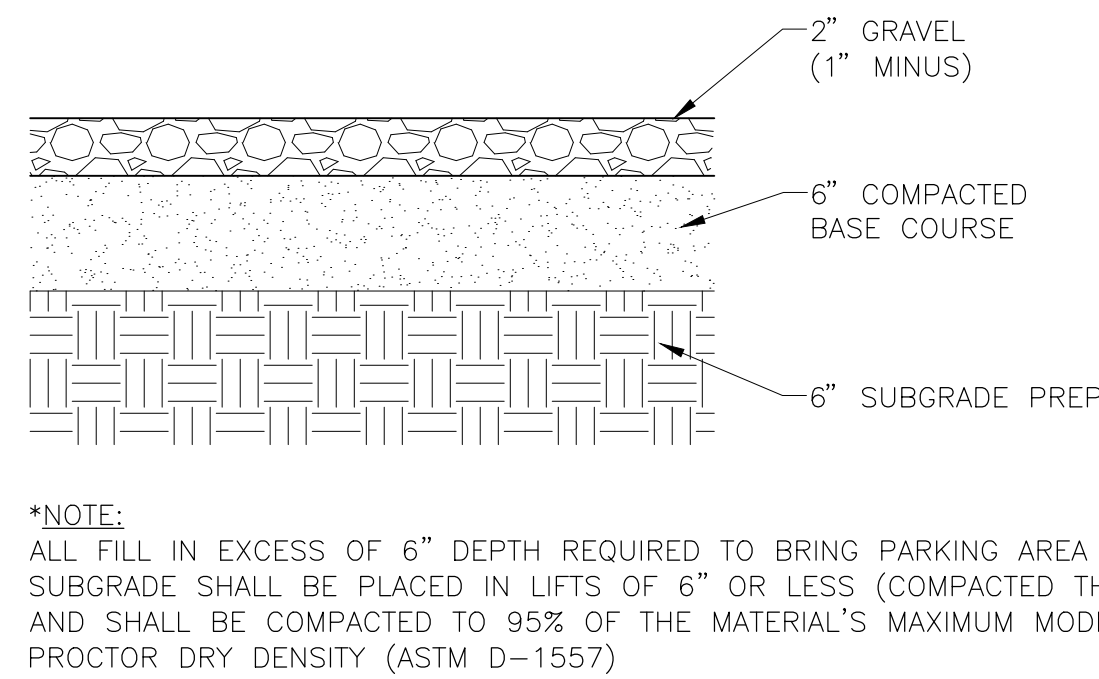
C:\PROJECTS\191040\191040.dwg [C-103] - Friday, July 03, 2019, 12:47pm

PROJECT AND GRADING NOTES

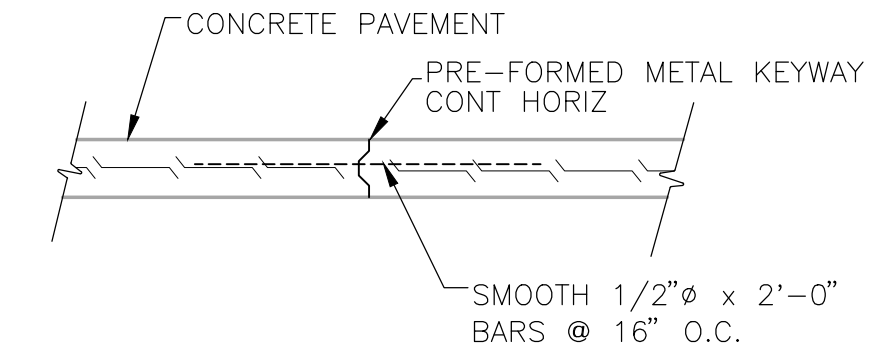
- REFER TO SITE UTILITY DRAWING (C-103) FOR ALL EXISTING UTILITY INFORMATION PROVIDED TO THE ENGINEER BY OTHERS. THE ENGINEER MAKES NO REPRESENTATION AS TO THE VALIDITY OR ACCURACY OF THE INFORMATION PROVIDED. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING LOCATIONS FROM UTILITY OWNERS AND MAKING SUCH FURTHER INVESTIGATIONS AS NECESSARY IN ORDER TO LOCATE SUCH PERMANENT AND TEMPORARY UTILITY APPURTENANCES PRIOR TO INITIATING EARTHWORK OPERATIONS. FOR "LOCATES" OF UNDERGROUND UTILITIES, CONTRACTOR SHALL CONTACT THE "NEW MEXICO ONE CALL SYSTEM, INC.", 1-800-321-2537 (OR 811).
- DISTURBANCE OF NATIVE VEGETATION SHALL BE KEPT TO A MINIMUM.
- CONTRACTOR SHALL VERIFY ALL STAKING WITH OWNER OR OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
- ROUGH GRADING: SHALL BE PERFORMED TO + OR - 0.25'. TO AREAS DESIGNATED WITHIN LIMITS OF WORK ON THE PLAN. FINE GRADING SHALL BE PERFORMED TO + OR - 0.05' TO ALL AREAS.
- EXISTING RUBBLE AND TRASH SHALL BE REMOVED AND DISPOSED OF PROPERLY.
- EXTRANEOUS MATERIALS AND LARGE DEBRIS SHALL BE REMOVED FROM CONSTRUCTION AREAS FOR 8" DEPTH.
- ALL EARTHWORK IS TO BE DONE SO THAT POSITIVE DRAINAGE OCCURS AWAY FROM ALL STRUCTURES.
- PERFORM GRADING AND EXCAVATION WORK IN COMPLIANCE WITH APPLICABLE SPECIFICATIONS, REQUIREMENTS, CODES AND ORDINANCES OF GRANT COUNTY, AND ALL OTHER GOVERNING BODIES HAVING JURISDICTION.
- ALL SPOT ELEVATIONS DENOTE FINISHED GRADE UNLESS SPECIFIED OTHERWISE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF OR OBTAINING EXCESS CUT OR FILL MATERIAL REQUIRED FOR FINAL GRADE.
- REFER TO STRUCTURAL DRAWINGS FOR ANY AREAS OF OVER-EXCAVATION AND MATERIALS TO BE PLACED UNDER BUILDING SLABS AND FOOTINGS. SITE GENERATED SOILS MAY BE USED FOR COMMON FILL FOR SITE WORK CONCRETE, PAVEMENT, AND UTILITY TRENCHES PROVIDING THEY ARE PROCESSED AND COMPACTED TO MEET THE REQUIREMENTS OF THE GEOTECHNICAL REPORT.
- LOCATE EXISTING UTILITIES BY HAND EXCAVATION AND PROVIDE PROTECTION FROM DAMAGE. COOPERATE WITH OWNER AND UTILITY COMPANIES FOR MAINTAINING SERVICES. DO NOT BREAK UTILITY CONNECTIONS WITHOUT FIRST COORDINATING WITH THE UTILITY PROVIDER.
- ALL EQUIPMENT & MATERIALS SPECIFIED SHALL BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING AND CLEANUP OF SPILLS ASSOCIATED WITH PROJECT CONSTRUCTION AND SHALL REPORT AND RESPOND TO SPILLS OF HAZARDOUS MATERIALS SUCH AS GASOLINE, DIESEL, MOTOR OILS, SOLVENTS, CHEMICALS, TOXIC AND CORROSIVE SUBSTANCES, ETC., WHICH MAY BE A THREAT TO PUBLIC HEALTH OR THE ENVIRONMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING DISCOVERIES OF PAST SPILLS AND OF CURRENT SPILLS NOT ASSOCIATED WITH CONSTRUCTION. REPORTS SHALL BE MADE IMMEDIATELY TO THE NM ENVIRONMENT DEPARTMENT EMERGENCY RESPONSE AT 505-827-4308 OR 505-470-3657. THE CONTRACTOR SHALL PROPERLY HANDLE AND DISPOSE OF ALL ASPHALT PAVEMENT MATERIAL REMOVED ON THE PROJECT BY HAULING TO AN APPROVED LANDFILL IN ACCORDANCE WITH THE REGULATIONS OF THE NEW MEXICO SOLID WASTE ACT.
- RE-SEED ALL DISTURBED SLOPES ON THE SITE WITH NATIVE PLANT MIX IN AREAS NOT COVERED BY LANDSCAPE PLANS.
- CONTACT ENGINEER FOR SITE LAYOUT COORDINATES.
- SIDEWALK CROSS-SLOPE IS 1.5% UNLESS OTHERWISE NOTED, MAX. CROSS-SLOPE IS 2%.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH ALL ENTITIES HAVING JURISDICTION.
- ALL EQUIPMENT & MATERIALS SPECIFIED IN THIS PLAN SET MAY ONLY BE SUBSTITUTED WITH APPROVAL FROM THE OWNER'S REPRESENTATIVE.



D2 CONCRETE PAVEMENT DETAIL
SCALE: N.T.S.

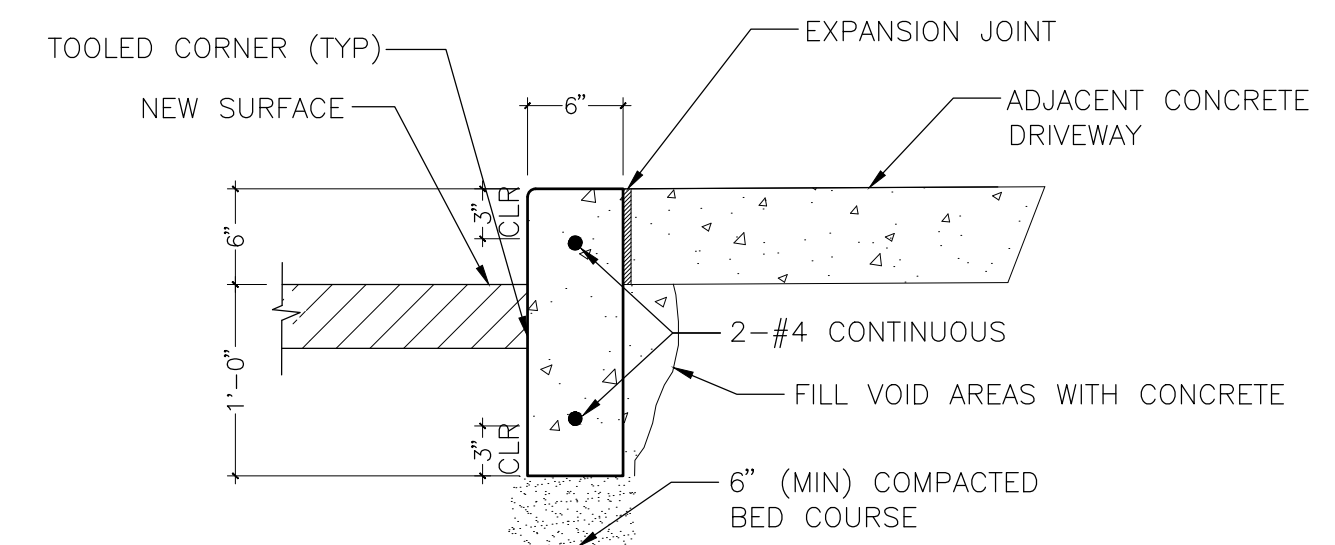


C2 GRAVEL SURFACING SECTION
SCALE: NTS

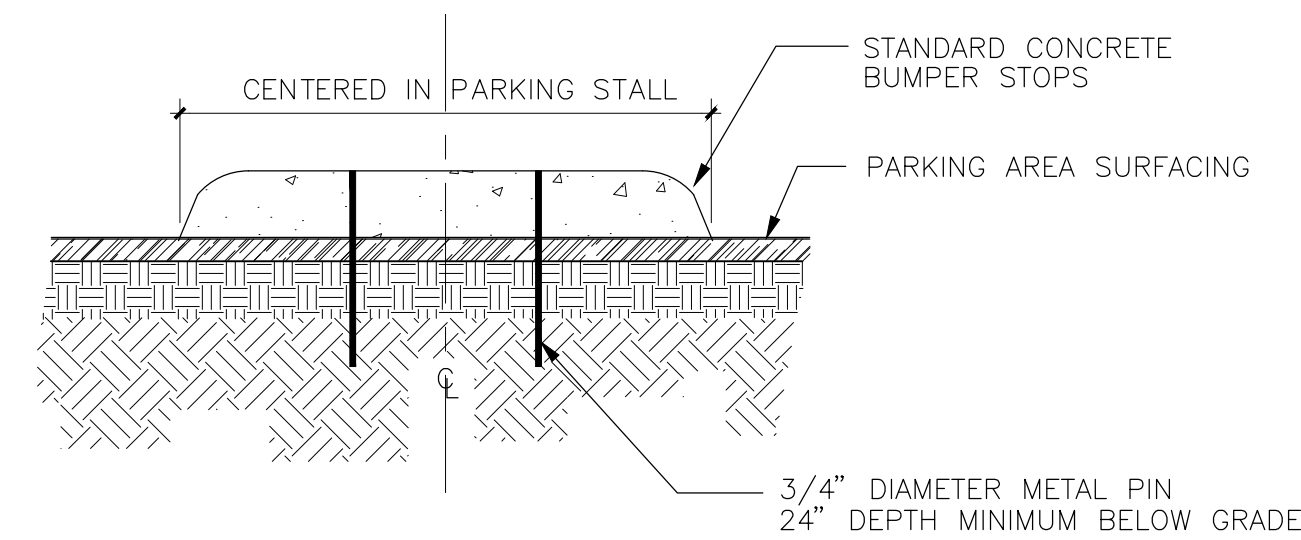


NOTE:
POUR CONCRETE IN STRIPS
PARALLEL TO C.J.

D4 CONCRETE PAVEMENT CONST. JOINT
SCALE: N.T.S.



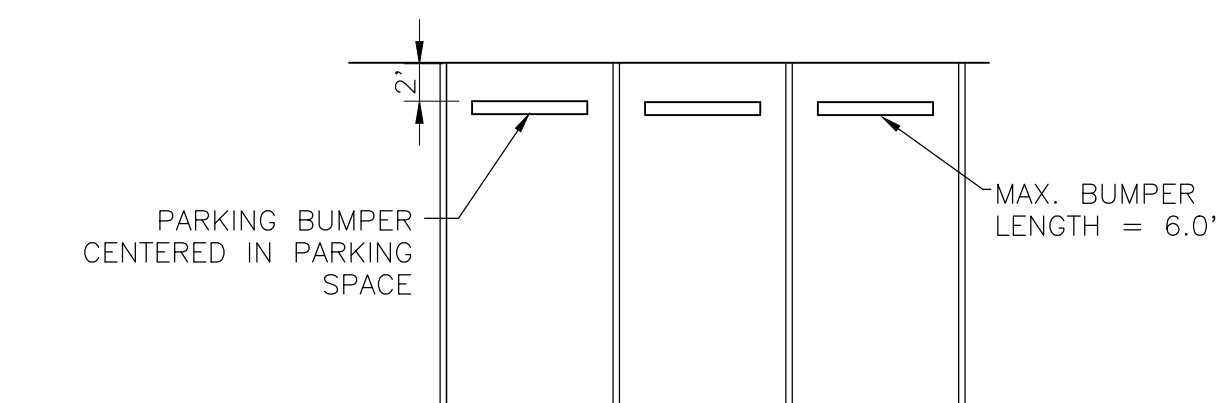
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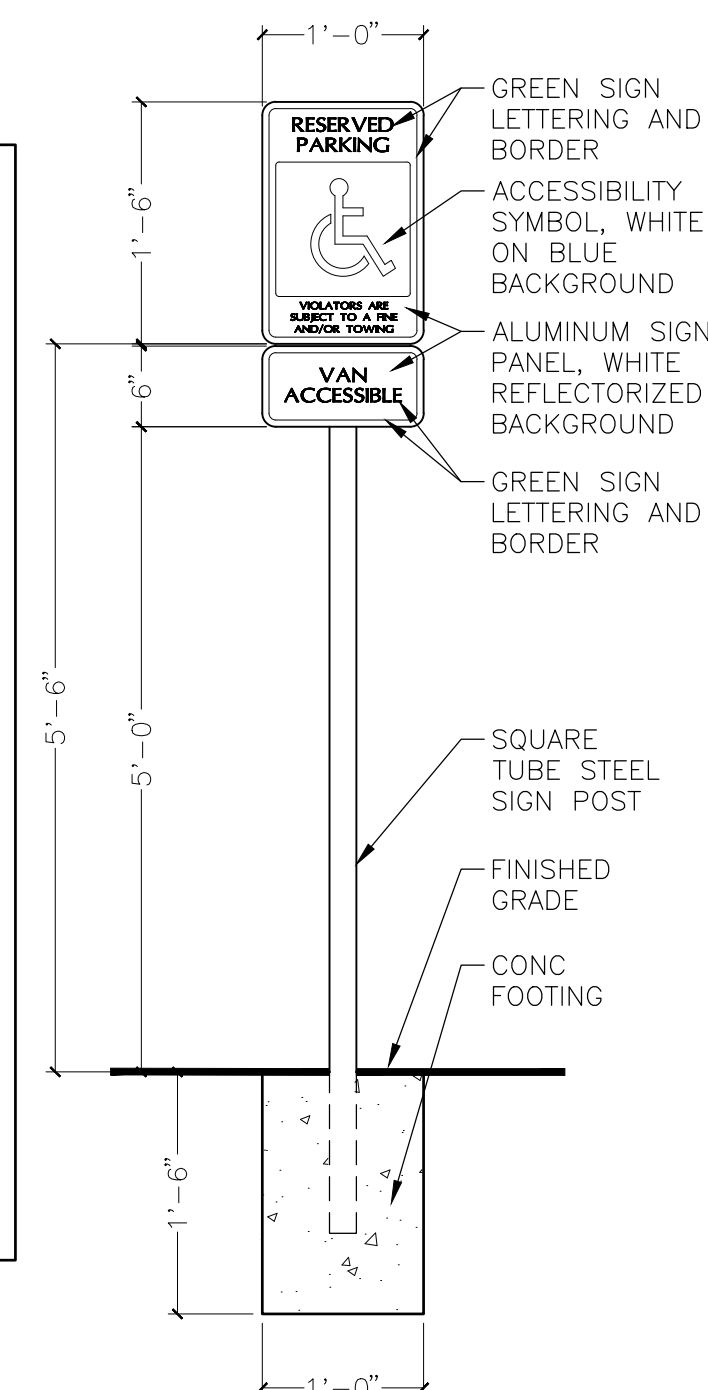
B3 PARKING BUMPER
SCALE: NTS

CURB AND SIDEWALK NOTES:

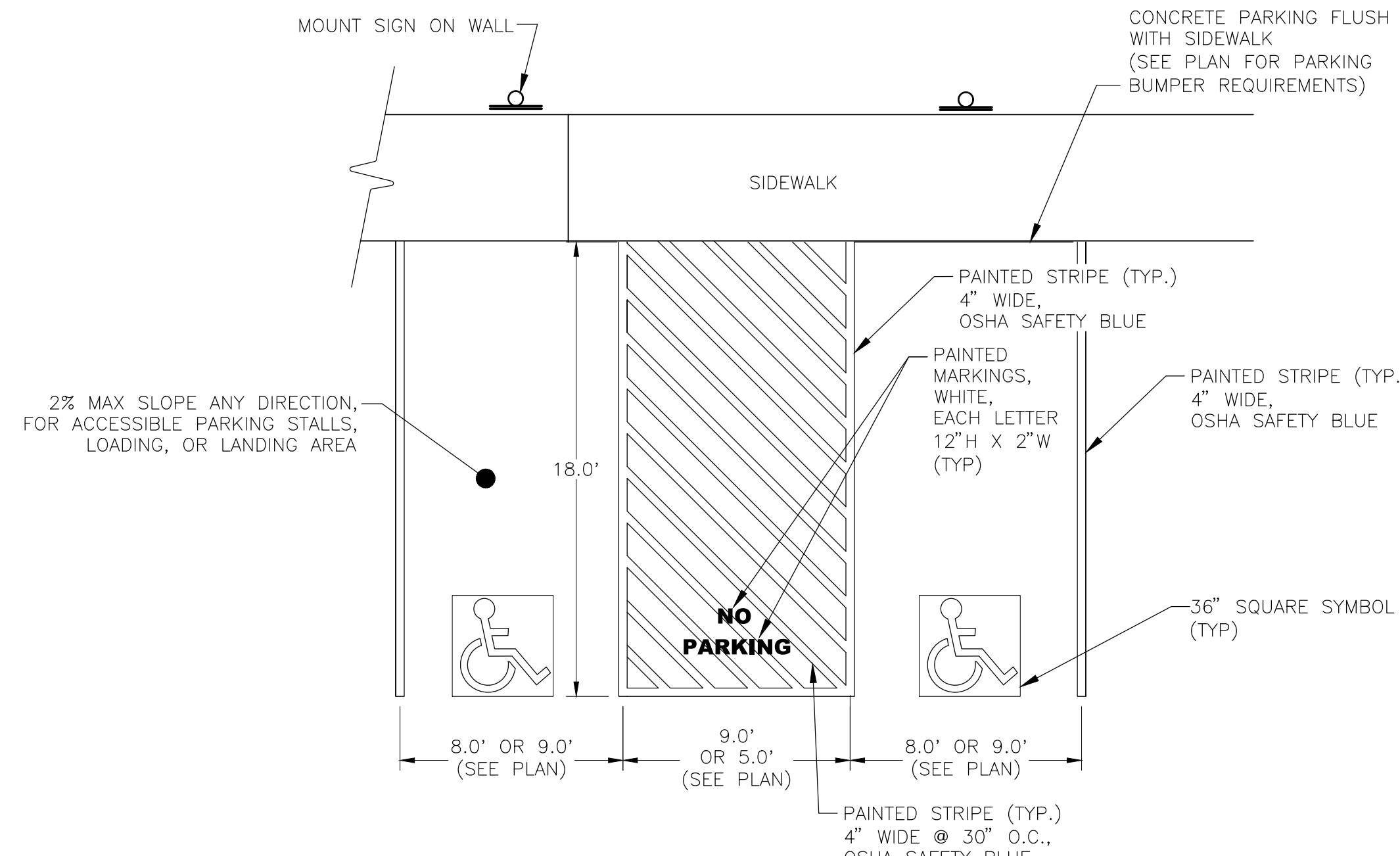
- ALL CONCRETE CURBS, TRANSITIONS AND SIDEWALKS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
- MAXIMUM SPACING OF SCORED CONTRACTION JOINTS SHALL BE 5'.
- ONE HALF INCH THICK EXPANSION JOINTS SHALL BE LOCATED AT TANGENT POINTS IN CURB RETURNS, TRANSITIONS, AND AT A MAXIMUM OF 30-FOOT INTERVALS. EXPANSION MATERIAL SHALL ALSO BE PLACED BETWEEN CURBS AND ADJACENT STRUCTURES, SIDEWALKS, DRIVEWAYS AND HANDICAP RAMPS. 1/2" THICK EXPANSION MATERIAL SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
- CONCRETE CURB SHALL BE FINISHED WITH A STEEL TROWEL FOLLOWED BY BRUSHING WITH A FINE BRUSH ALONG THE LENGTH OF THE CURB. SIDEWALK SHALL BE FINISHED WITH A FLOAT FOLLOWED BY A BROOMED FINISH TRANSVERSE TO THE LENGTH OF THE SIDEWALK, UNLESS OTHERWISE SPECIFIED.
- SINGLE CURB MAY BE CONSTRUCTED BY THE USE OF FORMS OR MAY BE SLIP FORMED.
- BED COURSE MATERIAL SHALL BE PLACED UNDER CURBS AND SIDEWALKS TO DEPTH AS SPECIFIED. BED COURSE MATERIAL SHALL CONSIST OF CINDERS, SAND, GRAVEL, CRUSHED STONE, OR OTHER GRANULAR AGGREGATE WITH 100% PASSING THE 1/2" SIEVE AND NOT MORE THAN 12% PASSING THE NO. 200 SIEVE. BASE COURSE MAY BE SUBSTITUTED. COMPACT BED COURSE TO 95% MODIFIED PROCTOR.



A3 PARKING BUMPER PLACEMENT
SCALE: NTS



A1 ACCESSIBLE SIGN DETAIL
SCALE: NTS



A2 ACCESSIBLE PARKING DETAIL
SCALE: NTS



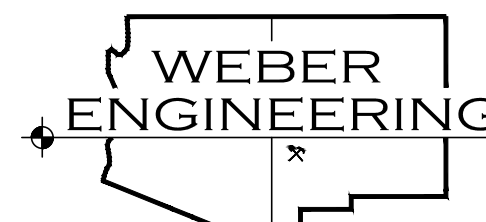
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SITE DETAILS PROJECT NOTES

SHEET NO.:

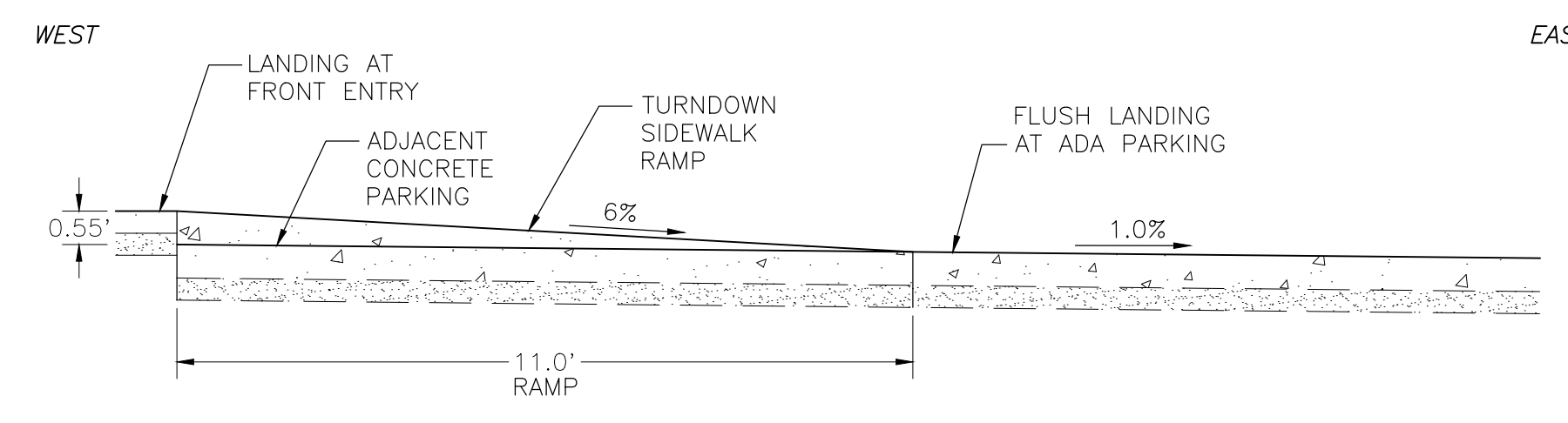
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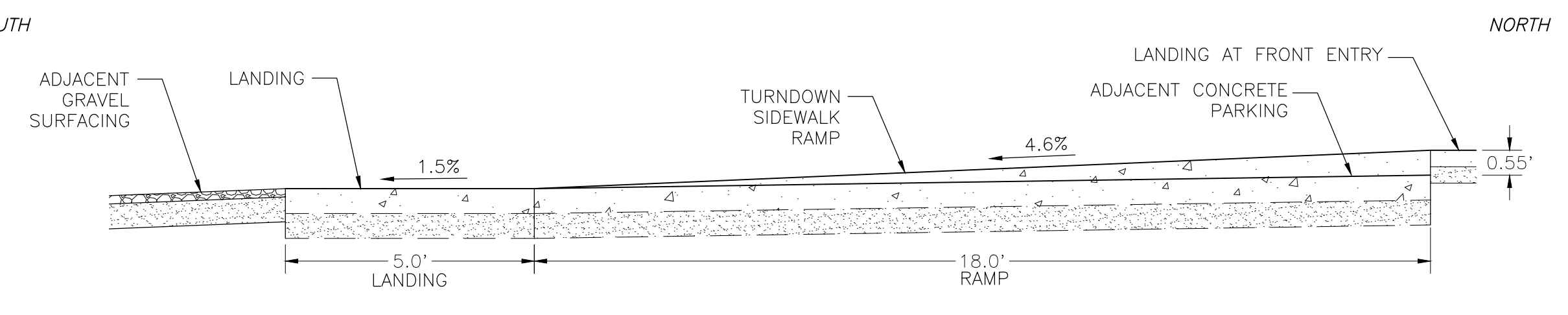
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(575) 388-2082
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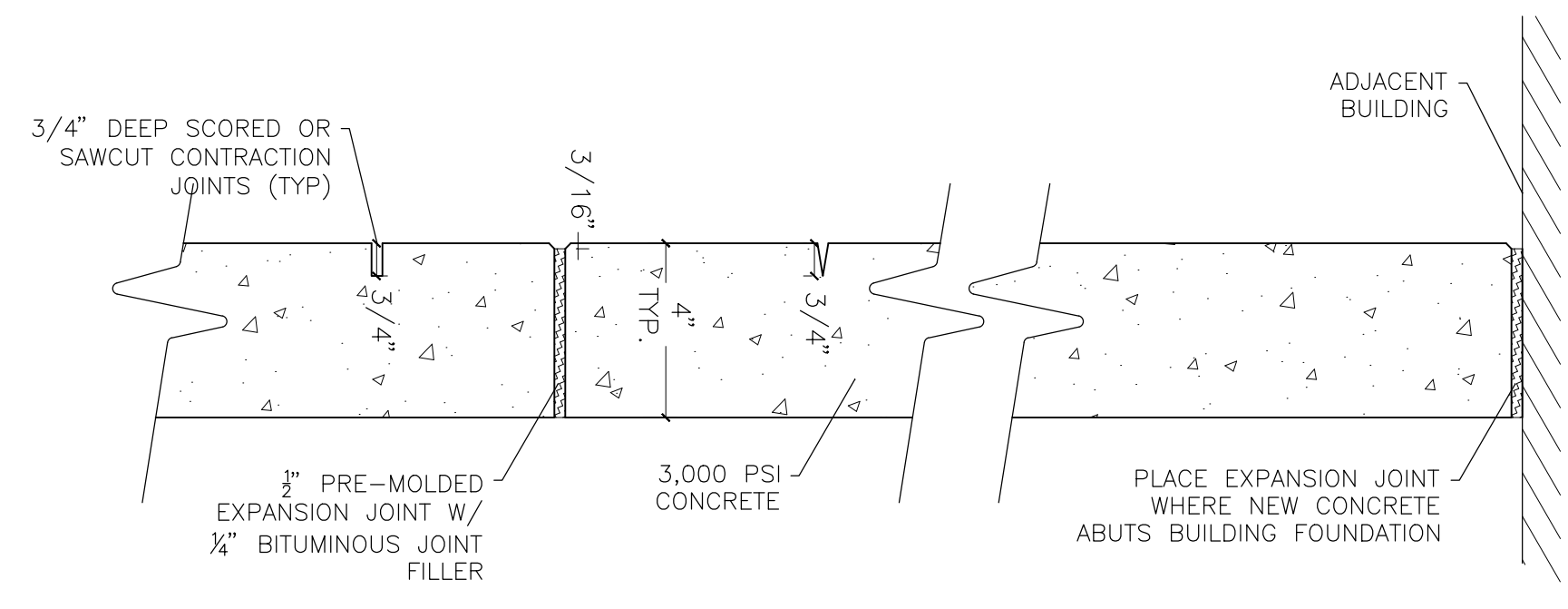
**GRANT COUNTY AIRPORT TERMINAL
 RENOVATION**
 GRANT COUNTY,
 158 AIRPORT ROAD
 HURLEY, NEW MEXICO



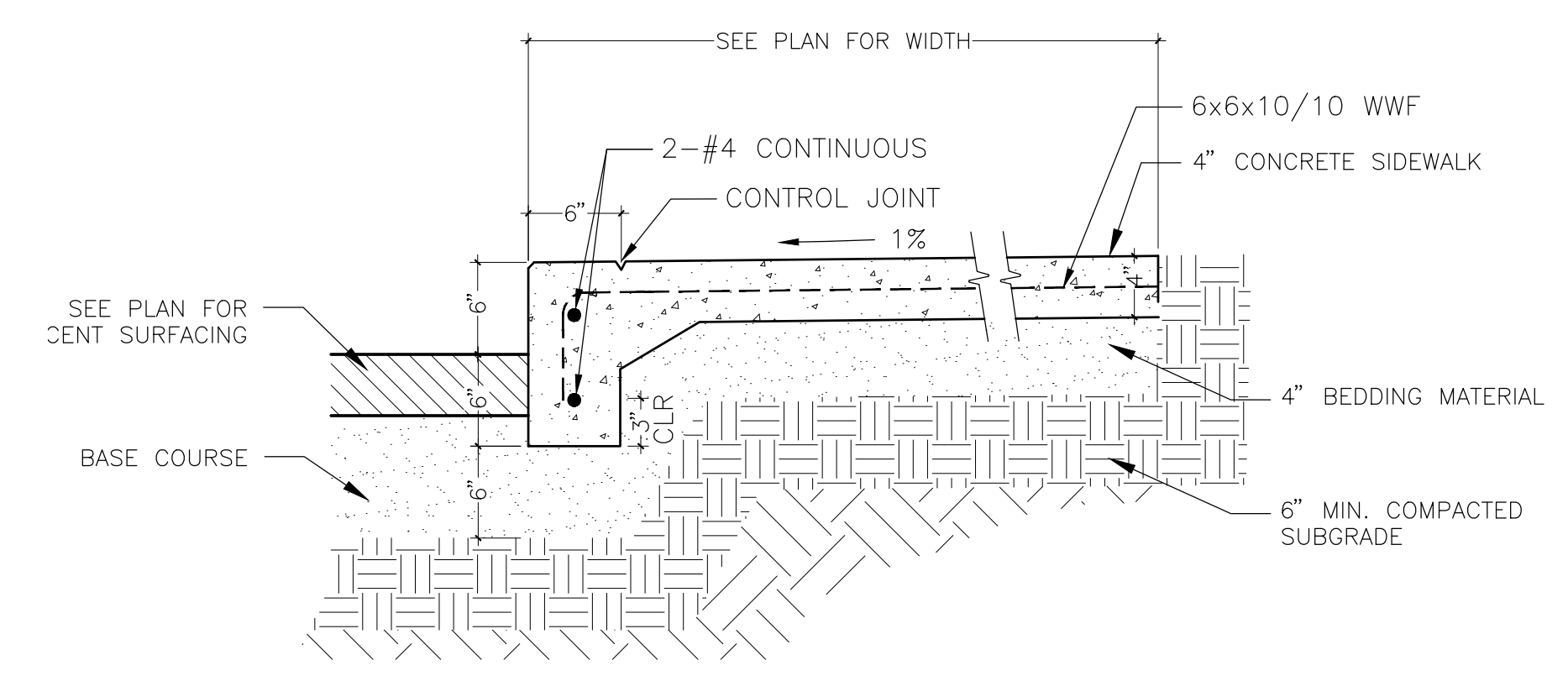
D2 RAMP TO ADA PARKING - ELEVATION
 SCALE: NTS



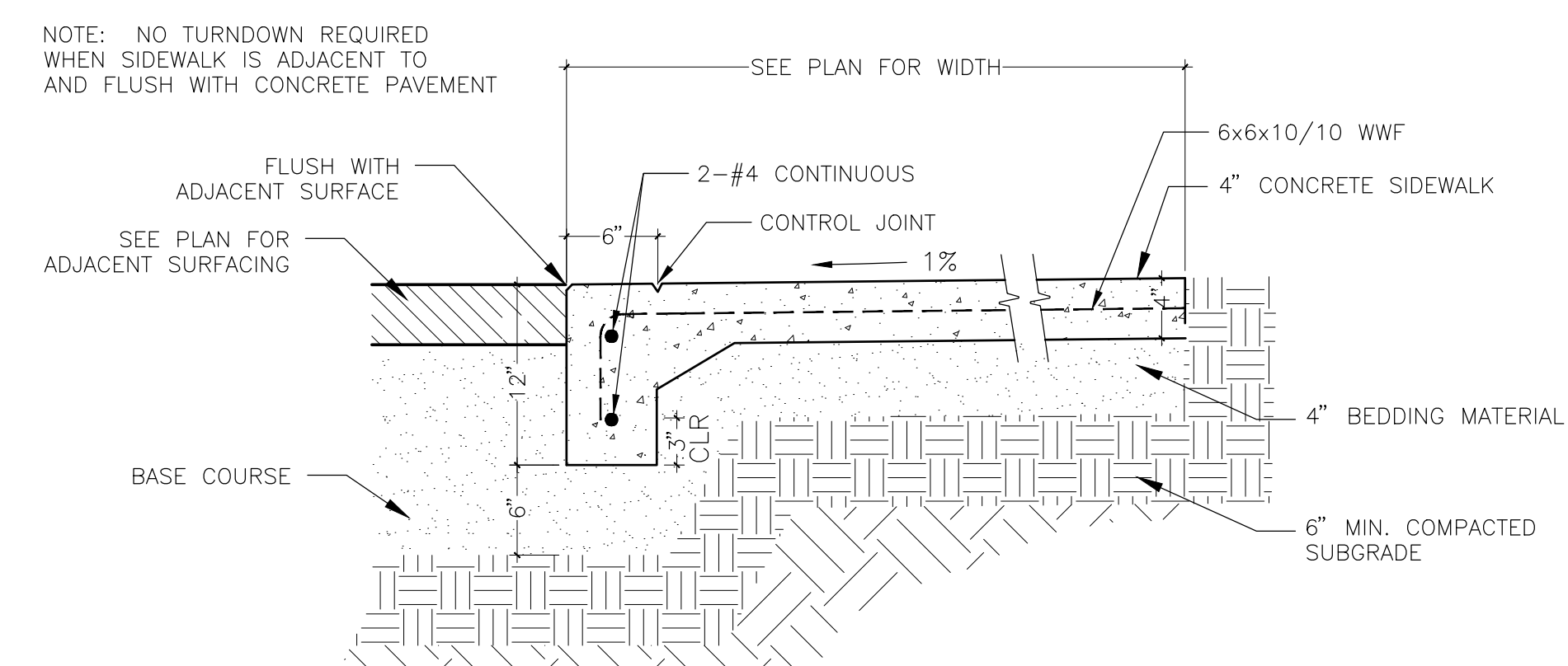
D4 RAMP TO PARKING LOT - ELEVATION
 SCALE: NTS



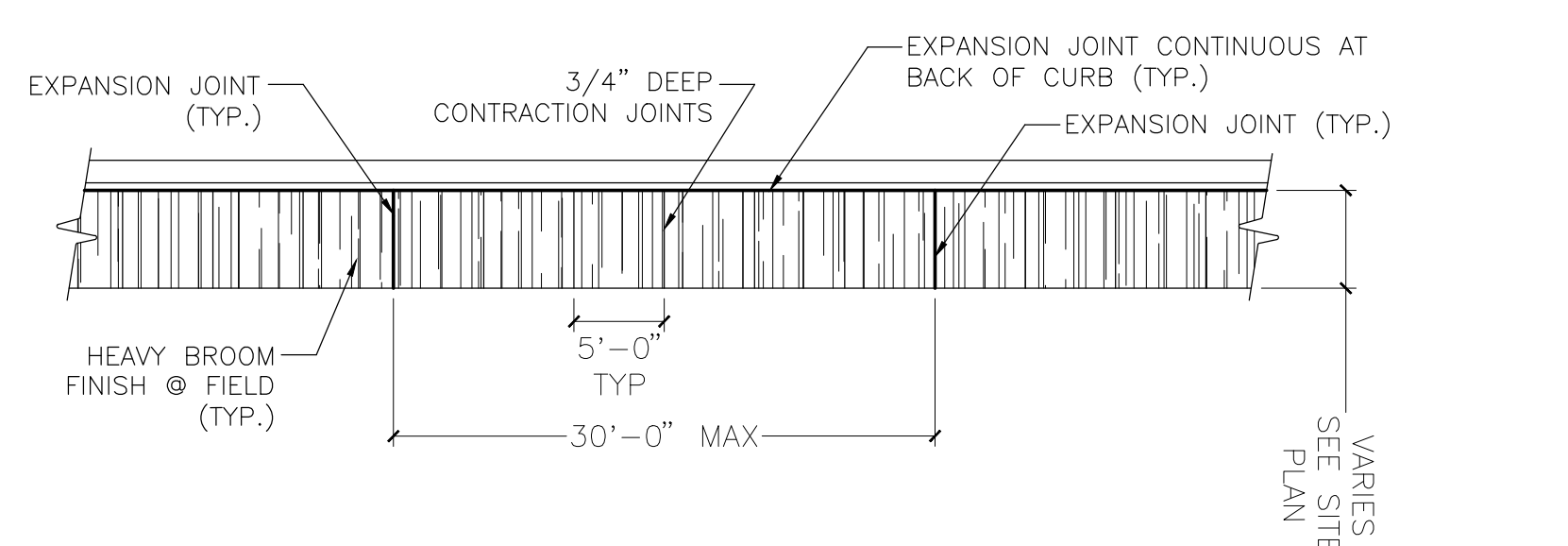
C1 SIDEWALK AND JOINT DETAIL
 SCALE: NTS



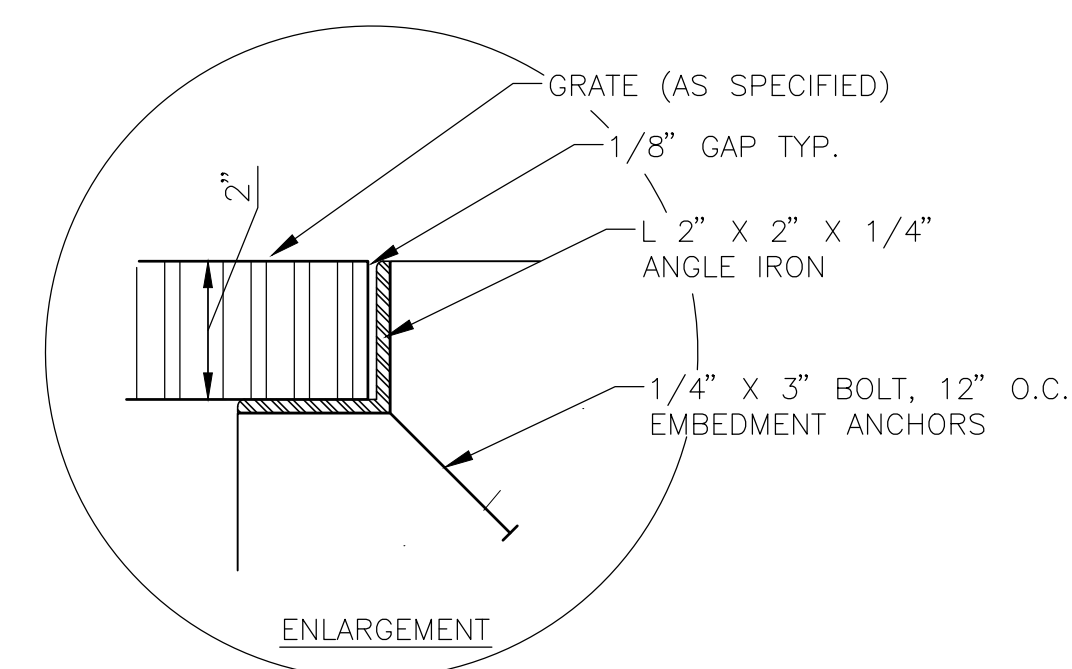
B2 TURNDOWN SIDEWALK ABOVE ADJACENT GRADE



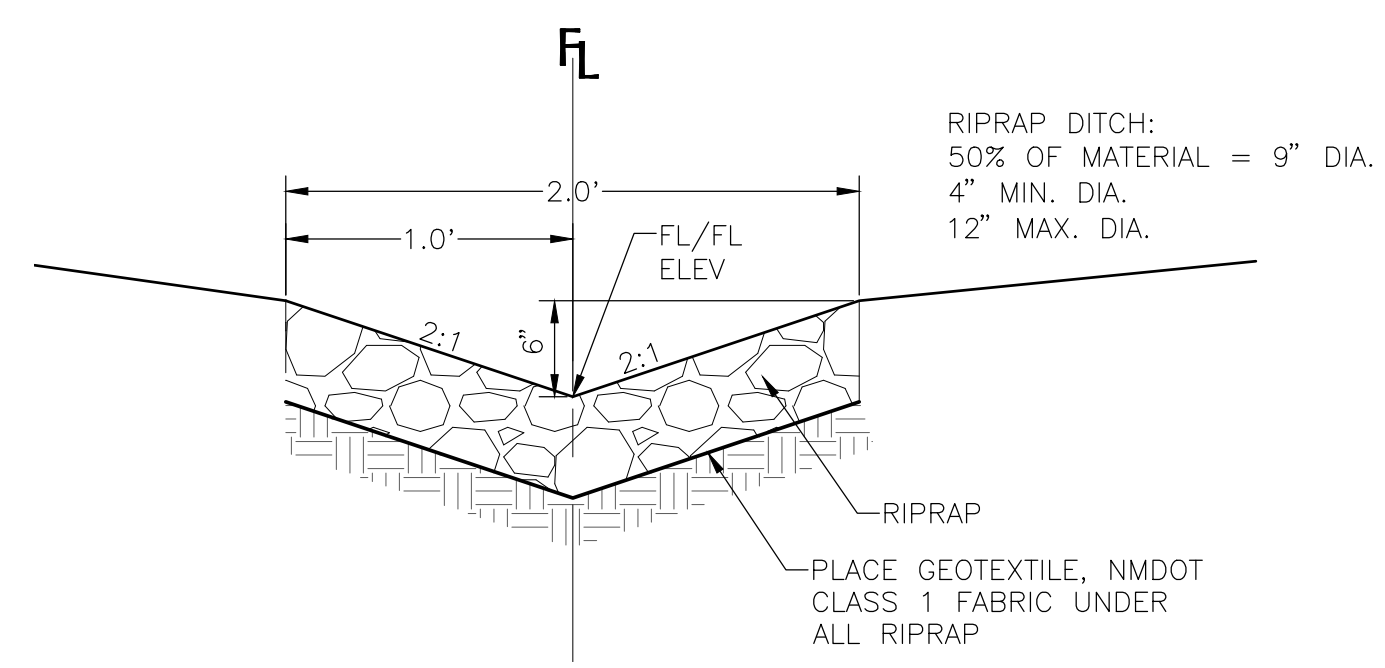
B2 TURNDOWN SIDEWALK
 SCALE: NTS



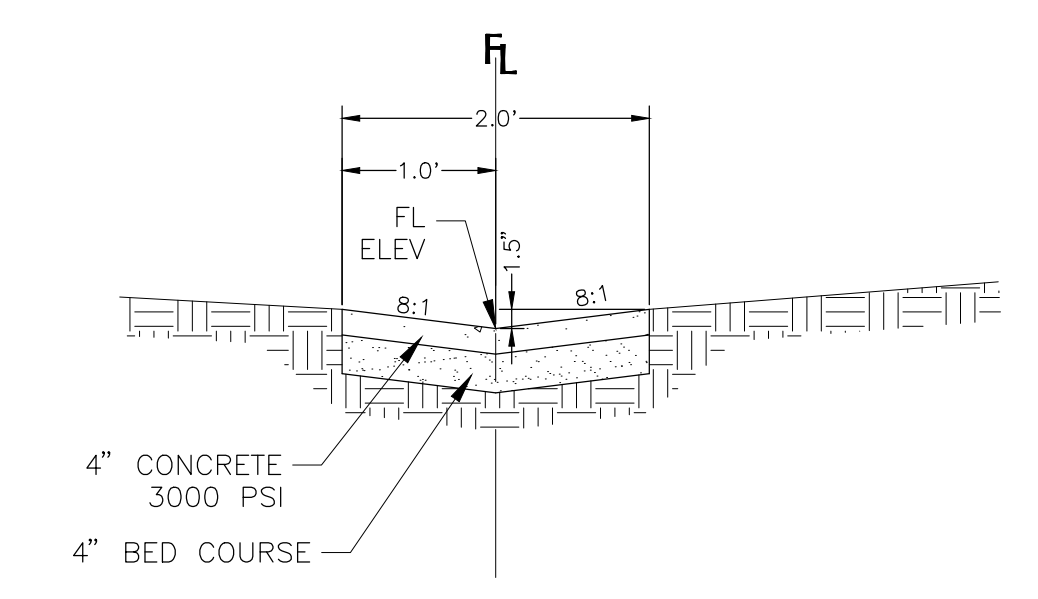
B1 SIDEWALK PLAN VIEW
 SCALE: NTS



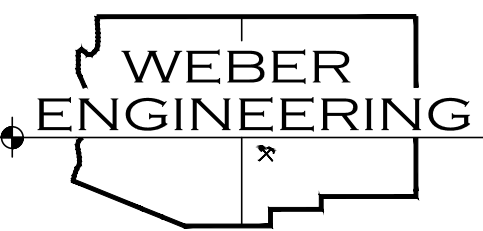
A1 TRENCH DRAIN DETAIL
 SCALE: NTS



A2 2' WIDE RIPRAP DITCH
 SCALE: N.T.S.



A3 CONCRETE DRAINAGE CHANNEL
 SCALE: N.T.S.



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ASA PROJECT NO.: 19104L
 DRAWN BY: PDW
 CHECKED BY: TW
 SHEET TITLE:

SITE DETAILS
 SHEET NO.:
C-501

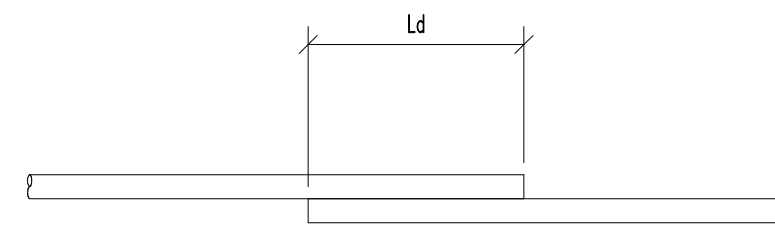
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CONCRETE REINFORCING SPLICE SCHEDULE											
F'C (PSI)	SPLICE TYPE	BAR SIZE									
		#3	#4	#5	#6	#7	#8	#9	#10		
3,000	TOP BARS	28	37	47	56	81	93	105	118		
	OTHER BARS	22	29	36	43	63	72	81	91		
4,000	TOP BARS	24	32	40	48	70	80	91	102		
	OTHER BARS	19	25	31	37	54	62	70	79		
5,000	TOP BARS	22	29	36	43	63	72	81	91		
	OTHER BARS	17	22	28	33	49	55	63	70		
6,000	TOP BARS	20	26	33	40	58	66	74	83		
	OTHER BARS	15	20	25	31	44	51	57	64		

- NOTES:
- ALL REBAR SPLICE LENGTHS (Ld) PROVIDED ARE IN INCHES.
 - TOP BARS ARE DEFINED AS HORIZONTAL REINFORCEMENT PLACED SO THAT MORE THAN 12 INCHES OF CONCRETE IS CAST IN THE MEMBER BELOW THE BAR.
 - THE SPLICE LENGTHS GIVEN SHALL BE USED FOR BEAMS, JOISTS, COLUMNS, WALLS, SLABS AND FOOTINGS.
 - WHEN THE CLEAR SPACING BETWEEN BARS IS LESS THAN 2 BAR DIAMETERS AND/OR THE CLEAR COVER IS LESS THAN 1 BAR DIAMETER, MULTIPLY THE SPLICE LENGTH IN THE TABLE BY 1.50.
 - WHEN SPLICING BARS OF DIFFERENT SIZE, USE THE SPLICE LENGTH OF THE LARGER BAR.

CONCRETE REINFORCING SPLICE SCHEDULE

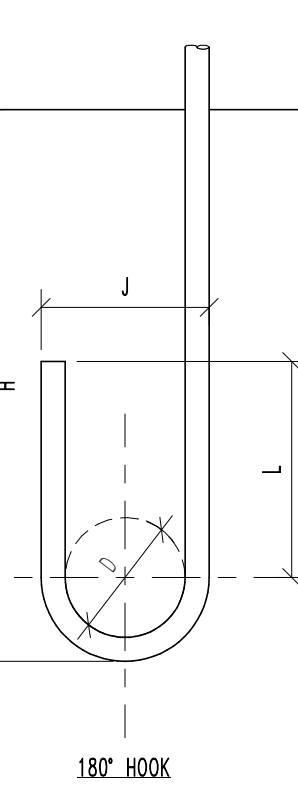
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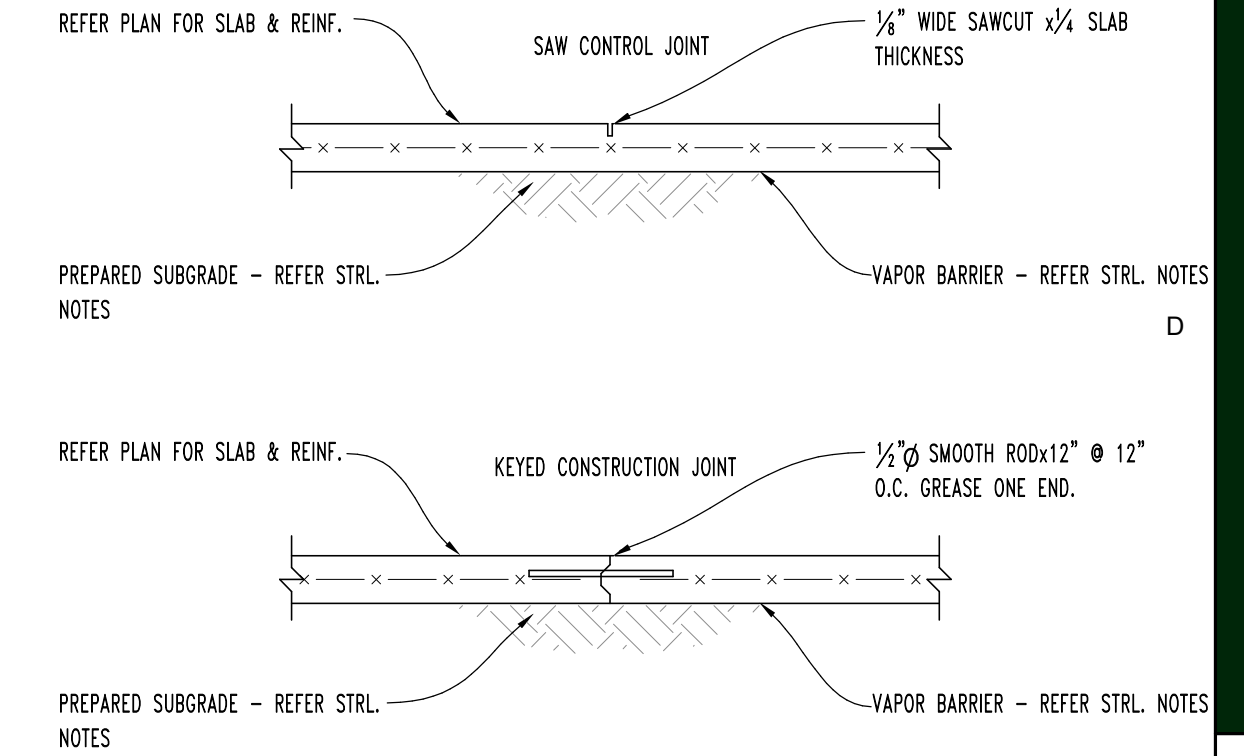
REBAR STANDARD HOOKS							
REBAR SIZE	D (IN.)	90° HOOK			180° HOOK		
		J (IN.)	L (IN.)	H (IN.)	J (IN.)	L (IN.)	H (IN.)
#3	2 1/4	6	4 1/2	Fc' = 3000PSI 9 Fc' = 4000PSI 7	3	1 1/2	Fc' = 3000PSI 6 Fc' = 4000PSI 6
#4	3	8	6	Fc' = 3000PSI 11 Fc' = 4000PSI 10	4	2	Fc' = 3000PSI 7 Fc' = 4000PSI 7
#5	3 3/4	10	7 1/2	Fc' = 3000PSI 14 Fc' = 4000PSI 12	5	2 1/2	Fc' = 3000PSI 7 Fc' = 4000PSI 7
#6	4 1/2	12	9	Fc' = 3000PSI 17 Fc' = 4000PSI 15	6	3	Fc' = 3000PSI 8 Fc' = 4000PSI 8
#7	5 1/4	14	10 1/2	Fc' = 3000PSI 19 Fc' = 4000PSI 17	7	3 1/2	Fc' = 3000PSI 9 Fc' = 4000PSI 9
#8	6	16	12	Fc' = 3000PSI 22 Fc' = 4000PSI 19	8	4	Fc' = 3000PSI 10 Fc' = 4000PSI 10
#9	9 1/2	19	13 1/2	Fc' = 3000PSI 25 Fc' = 4000PSI 22	11 1/4	4 1/2	Fc' = 3000PSI 12 Fc' = 4000PSI 12
#10	10 3/4	22	15 1/4	Fc' = 3000PSI 28 Fc' = 4000PSI 24	13 1/4	5 1/4	Fc' = 3000PSI 14 Fc' = 4000PSI 14

- NOTES:
- THE HOOK DIMENSIONS GIVEN SHALL BE USED FOR BEAMS, JOISTS, COLUMNS, WALLS, SLABS AND FOOTINGS.
 - HOOKS SHALL BE ROTATED TO FIT IN SPACE AND MAINTAIN ADEQUATE COVER. NO NOT CUT HOOK WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.

REBAR STANDARD HOOKS

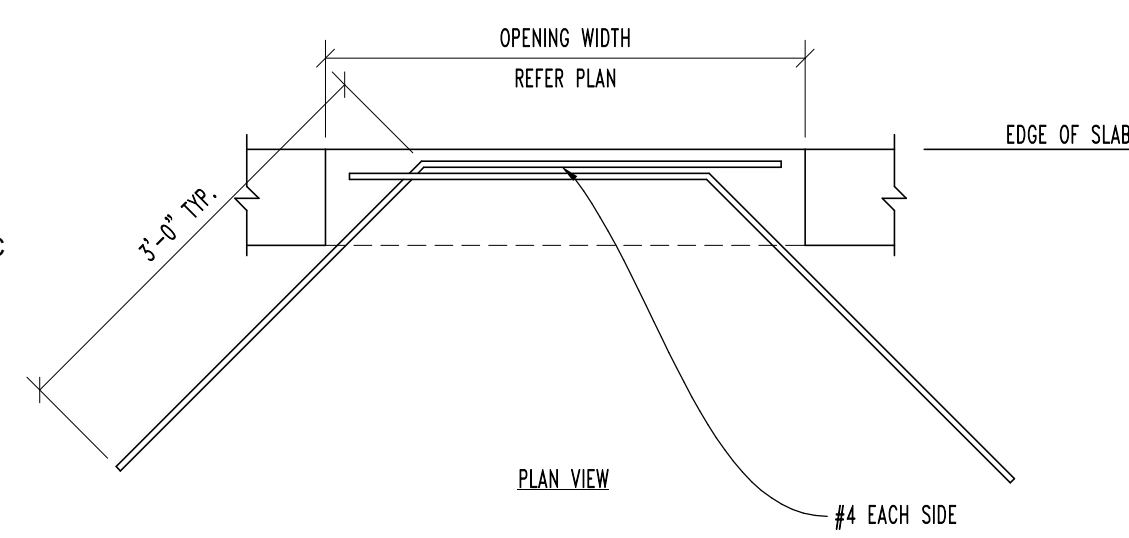


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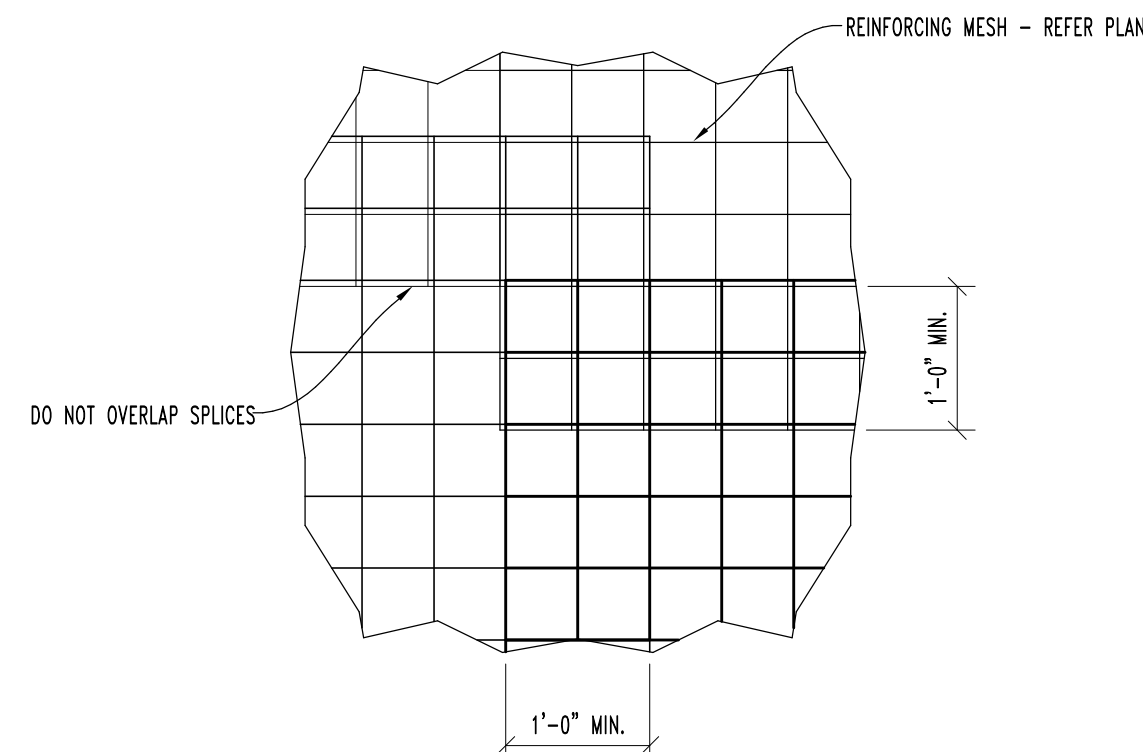
TYPICAL SLAB CONTROL JOINT

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



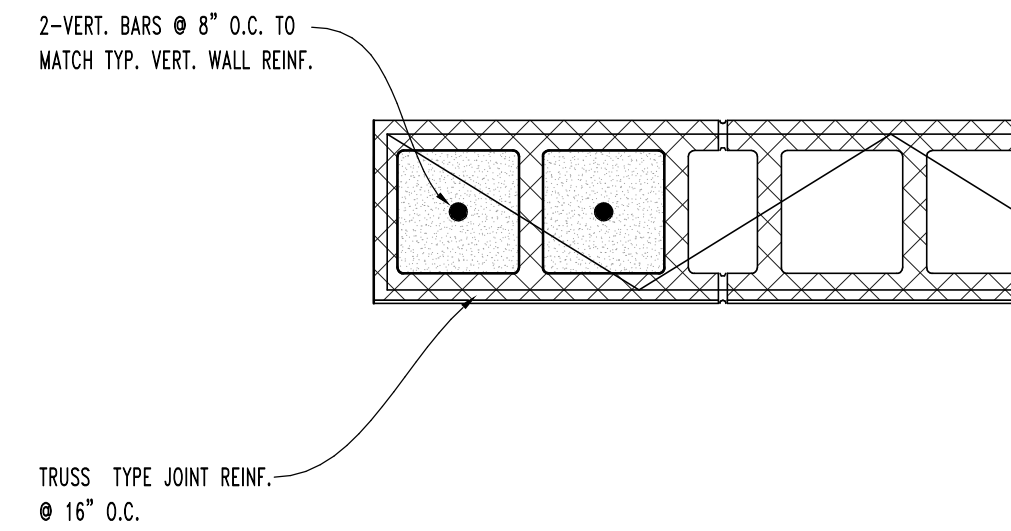
TYPICAL SLAB REINFORCEMENT @ OPENING

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



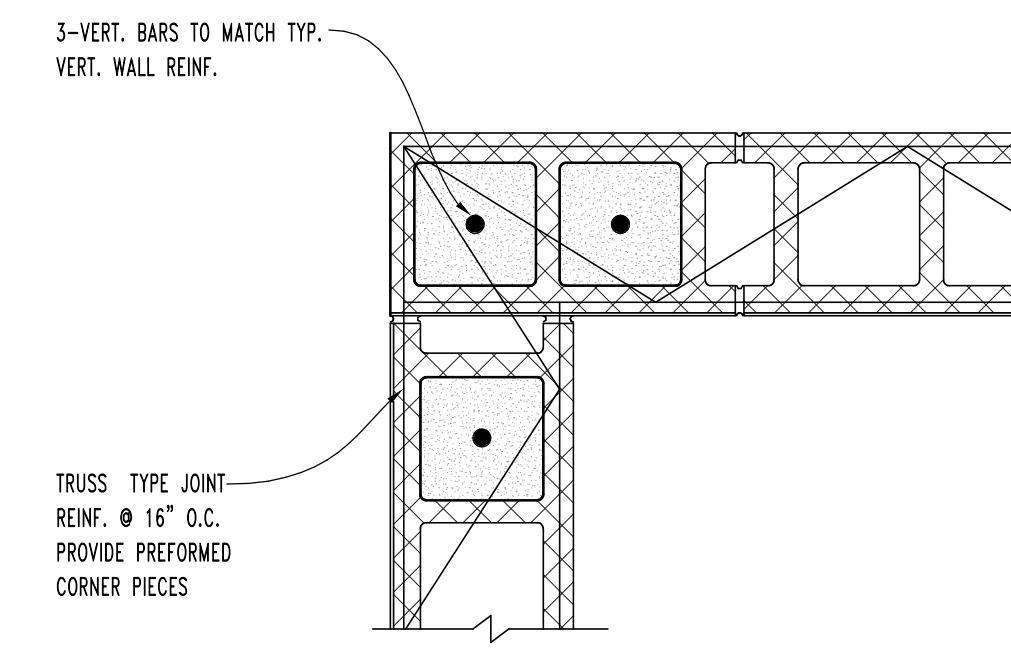
TYPICAL REINFORCING MESH SPLICE

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



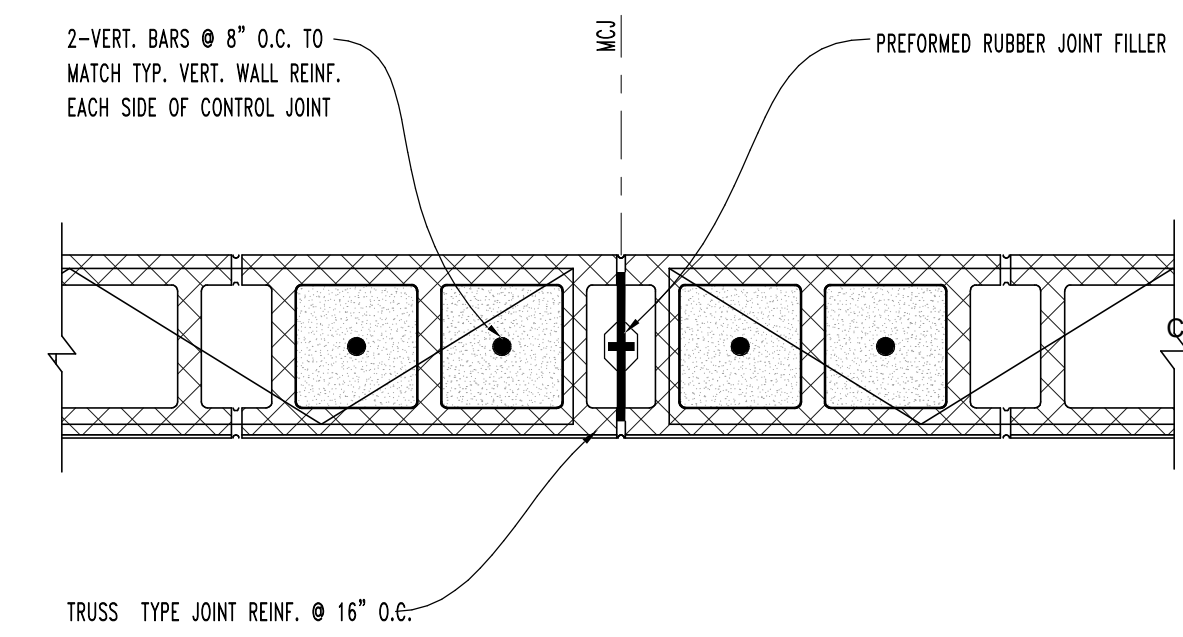
TYPICAL WALL JAMB

SCALE: 1 1/2" = 1'-0"



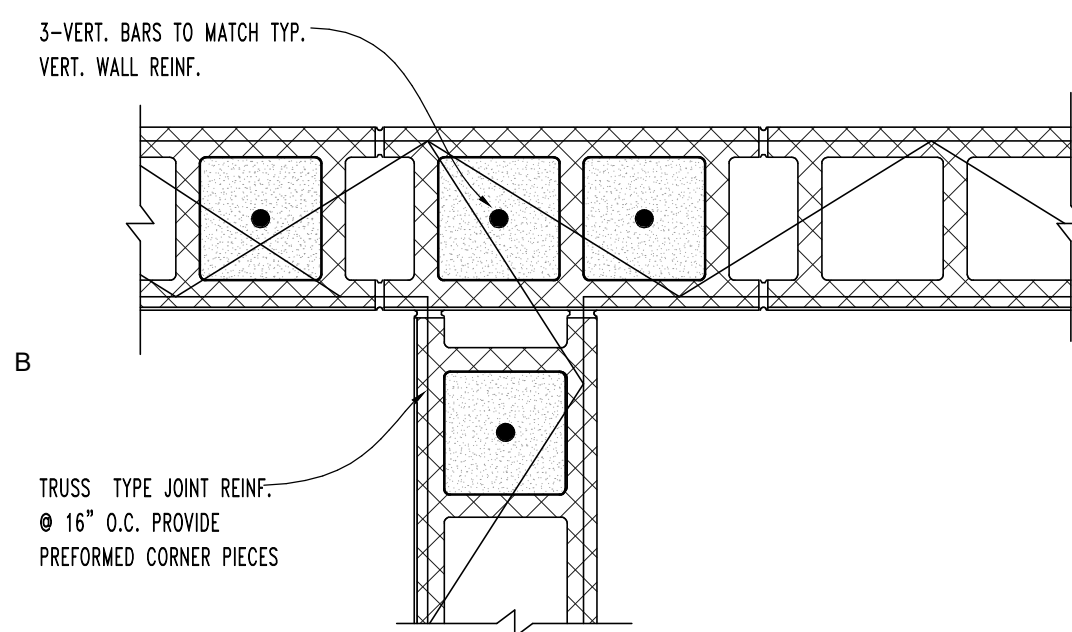
TYPICAL WALL CORNER

SCALE: 1 1/2" = 1'-0"



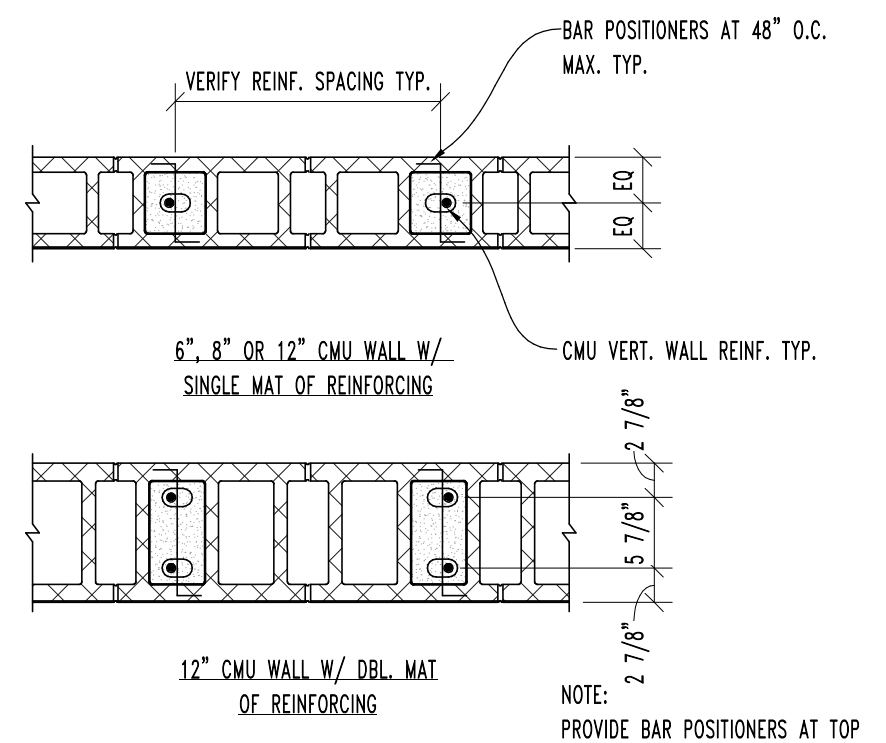
TYPICAL MASONRY CONTROL JOINT

SCALE: 1 1/2" = 1'-0"



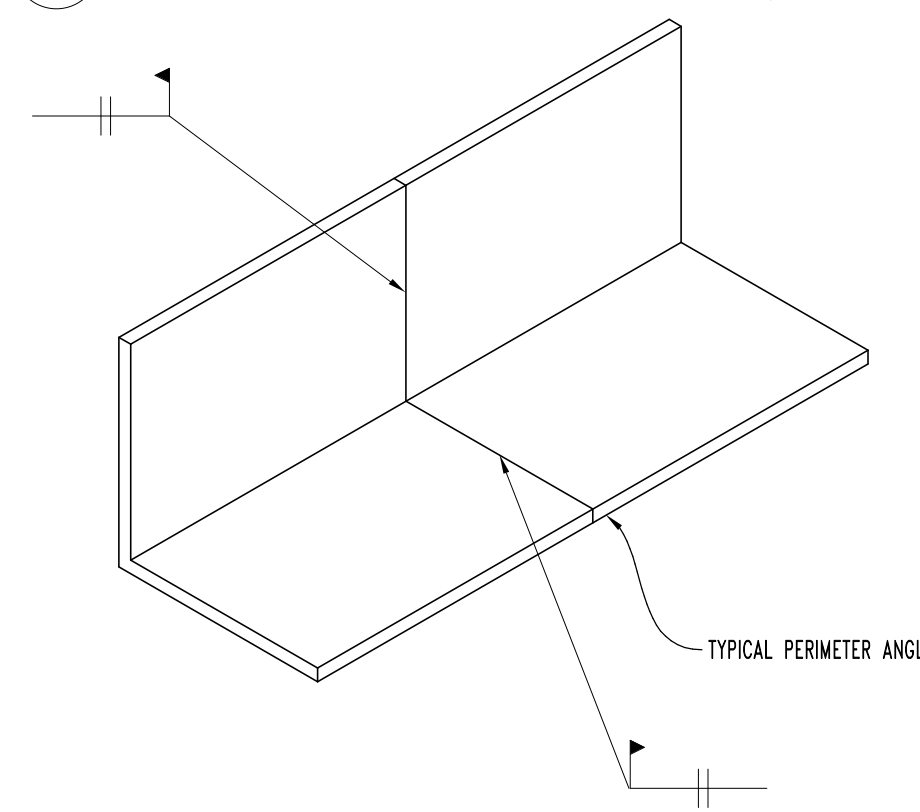
TYPICAL WALL INTERSECTION

SCALE: 1 1/2" = 1'-0"



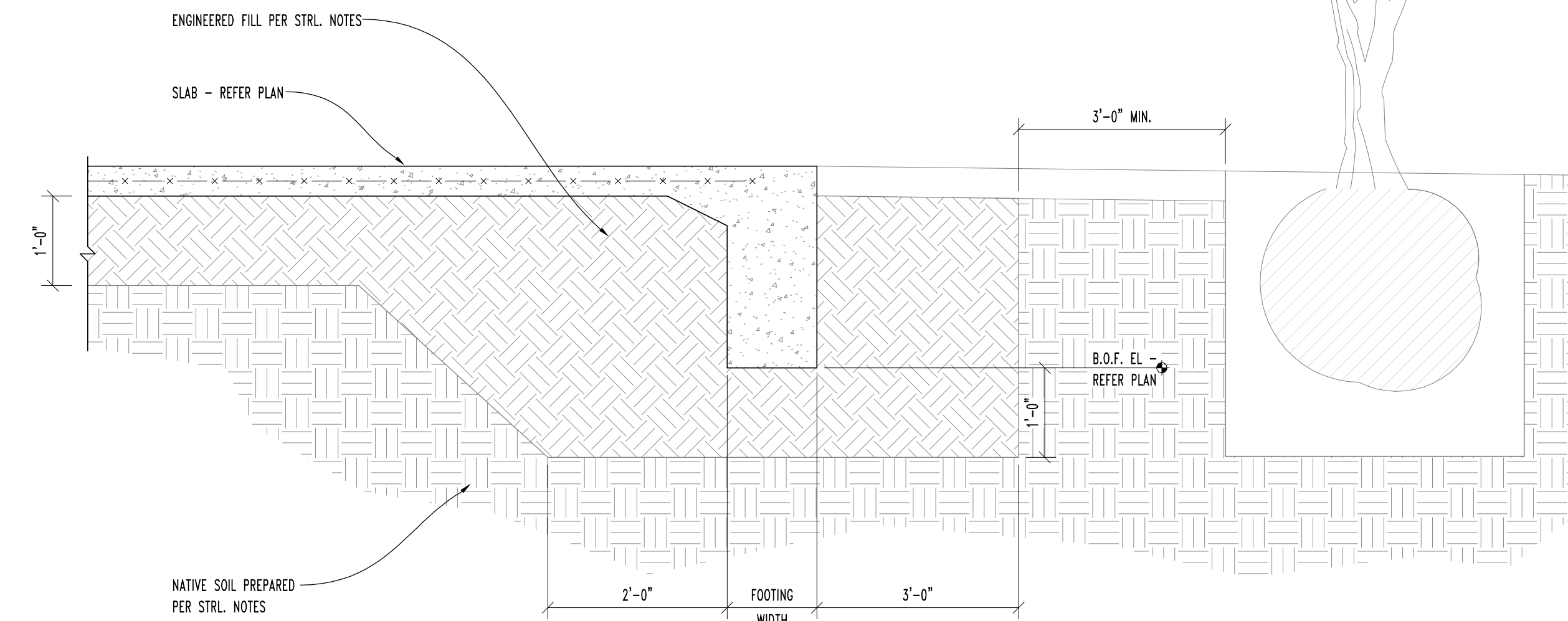
TYPICAL CMU BAR PLACEMENT DETAIL

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



TYPICAL PERIMETER DECK ANGLE SPLICE

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



OVER EXCAVATION EXTENTS

SCALE: N.T.S.

ASA ARCHITECTS
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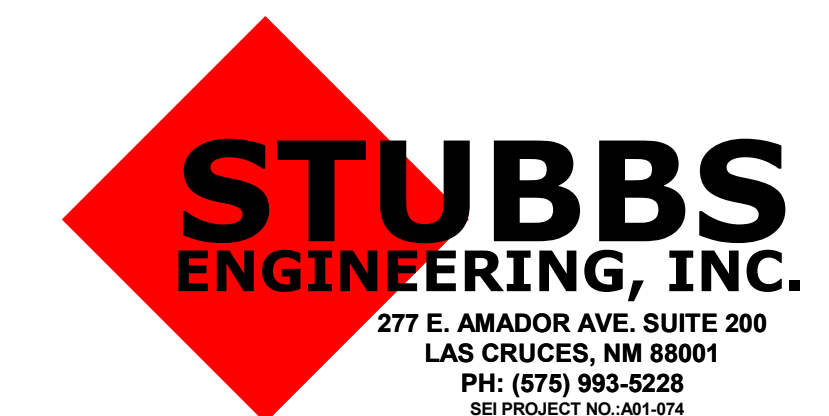


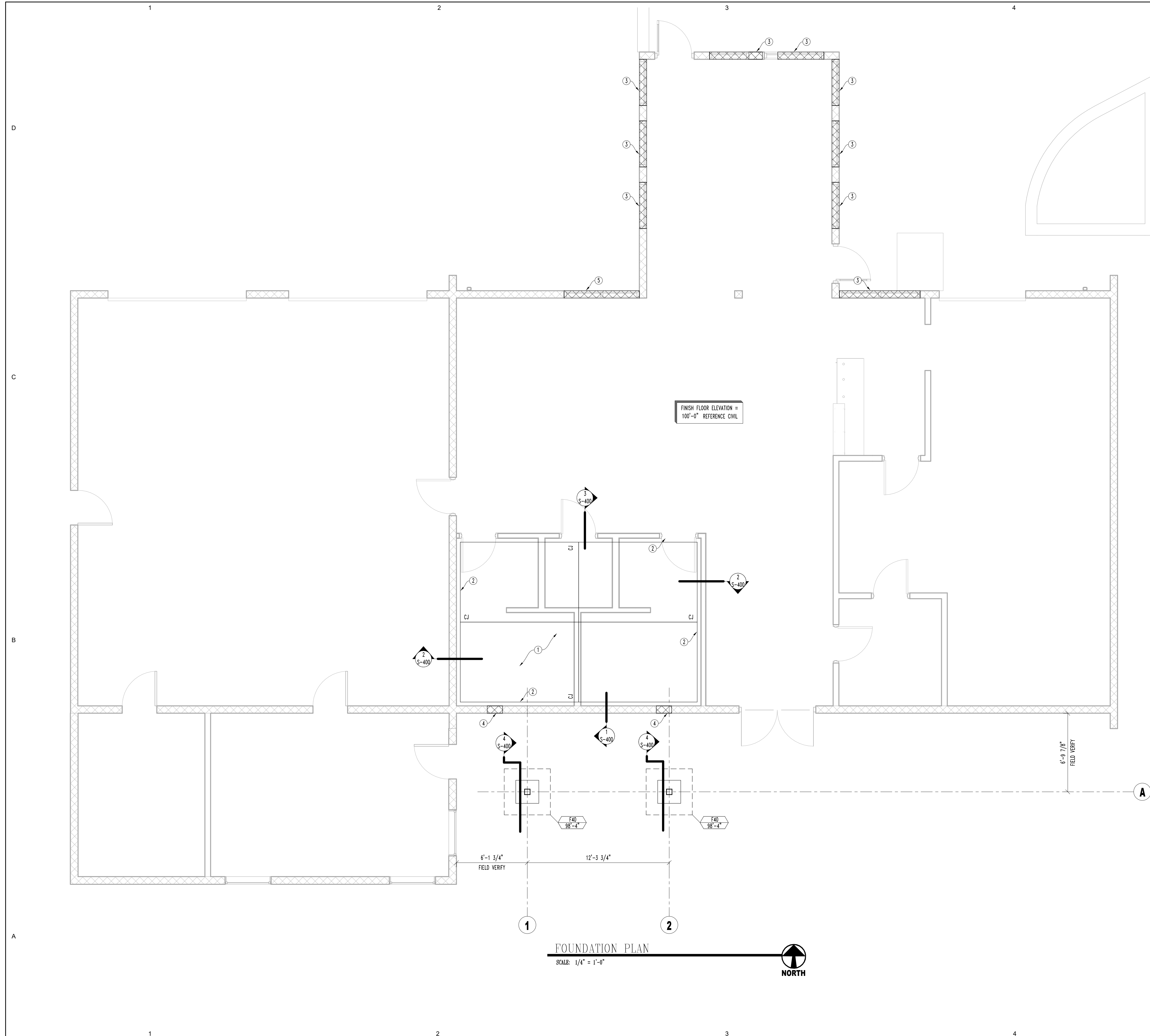
GRANT COUNTY AIRPORT RENOVATION
 GRANT COUNTY,
 158 AIRPORT ROAD
 HURLEY, NEW MEXICO

MARK	DATE	DESCRIPTION

ASA PROJECT NO.: A01-074
 PROJECT NO.: 19104L
 DRAWN BY: SEI STAFF
 CHECKED BY: M.A.S.
 SHEET TITLE:

STRUCTURAL DIAGRAMS
 SHEET NO:
S-101





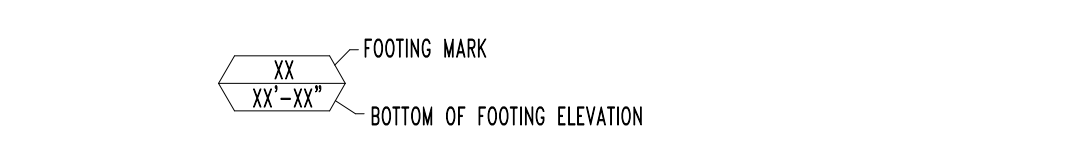
PLAN NOTES

CJ INDICATES A SLAB CONSTRUCTION JOINT. REFERENCE DETAIL 3 / S-101
 EXISTING CONSTRUCTION SHOWN IS PER AVAILABLE INFORMATION.
 CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES.

KEY NOTES

- EXISTING SLAB TO BE REMOVED AND REPLACED WITH 4" CONCRETE SLAB WITH WWF6x6-W1.4xW1.4 MESH IN CENTER OF SLAB OVER 10 MIL VAPOR BARRIER, AND PREPARED SUBGRADE. REFERENCE STRUCTURAL NOTES.
- SAW CUT IN FLOOR.
- INFILL EXISTING OPENING WITH CMU KNEE WALL. REFERENCE DETAILS 1/S-500.
- INFILL EXISTING OPENING WITH CMU WALL. REFERENCE DETAILS 2/S-500.
- INFILL EXISTING OPENING WITH CMU WALL. REFERENCE DETAILS 8/S-500.

FOOTING SCHEDULE



FOOTING MARK	LONGITUDINAL WIDTH	TRANSVERSE WIDTH	DEPTH	LONGITUDINAL REINFORCEMENT	TRANSVERSE REINFORCEMENT
F40	4'-0"	4'-0"	1'-0"	4-#4	4-#4

FINISH FLOOR ELEVATION = 100'-0" REFERENCE CIVIL

FOUNDATION PLAN
 SCALE: 1/4" = 1'-0"
 NORTH

ASA ARCHITECTS

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**GRANT COUNTY AIRPORT
 RENOVATION**
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ASA PROJECT NO.: A01-074
 PROJECT NO.: 19104L
 DRAWN BY: SEI STAFF
 CHECKED BY: M.A.S.
 SHEET TITLE:

FOUNDATION PLAN

SHEET NO:
S-200

**STUBBS
 ENGINEERING, INC.**
 277 E. AMADOR AVE. SUITE 200
 LAS CRUCES, NM 88001
 PH: (575) 993-5228
 SEI PROJECT NO.: A01-074

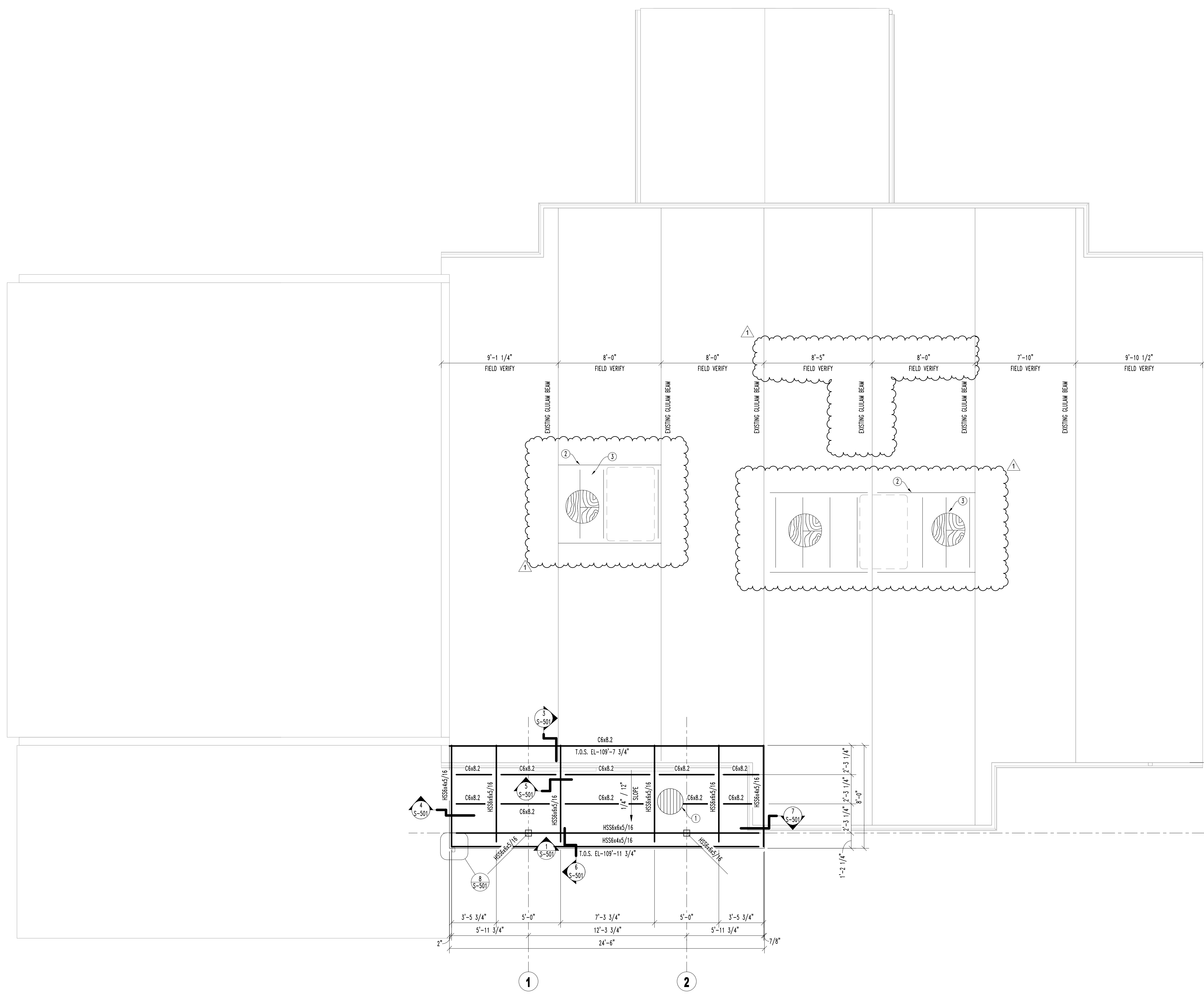
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PLAN NOTES

ALL DIMENSIONS ARE TO FACE OF CONCRETE UNLESS NOTED OTHERWISE.
EXISTING CONSTRUCTION SHOWN IS PER AVAILABLE INFORMATION.
CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES.

KEY NOTES

- 1 . 1-1/2" 22ga B DECK - REFERENCE STRUCTURAL NOTES
- 2 . ROOF TOP UNIT FRAME - REFERENCE DETAILS 5 & 6/S-500.
- 3 . 13/32" ROOF WOOD SHEATHING - REFER STRUCTURAL NOTES.



ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"
NORTH

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**GRANT COUNTY AIRPORT
RENOVATION**
GRANT COUNTY,
158 AIRPORT ROAD
HURLEY, NEW MEXICO

MARK	DATE	DESCRIPTION
1	07-09-19	REVISION 1

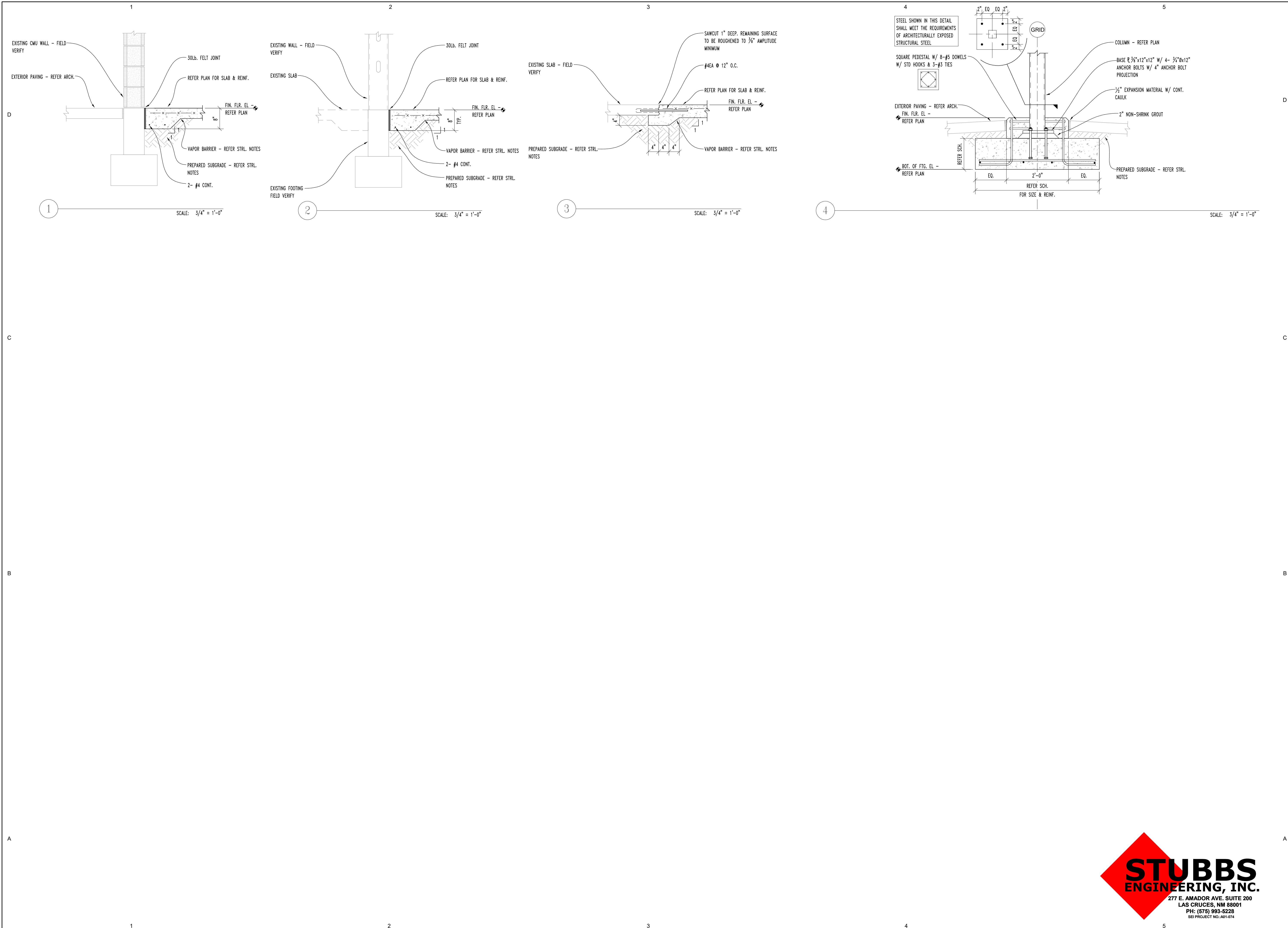
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PROJECT NO.: 19104L
DRAWN BY: SEI STAFF
CHECKED BY: M.A.S.
SHEET TITLE:

FRAMING PLAN

SHEET NO.: S-300

**STUBBS
ENGINEERING, INC.**
277 E. AMADOR AVE. SUITE 200
LAS CRUCES, NM 88001
PH: (575) 993-5228
SEI PROJECT NO. A01-074

7/3/2019 6:02:23 PM



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**GRANT COUNTY AIRPORT
RENOVATION**

**GRANT COUNTY,
158 AIRPORT ROAD
HURLEY, NEW MEXICO**

MARK	DATE	DESCRIPTION

ASA PROJECT NO.: A01-074

PROJECT NO.: 19104L

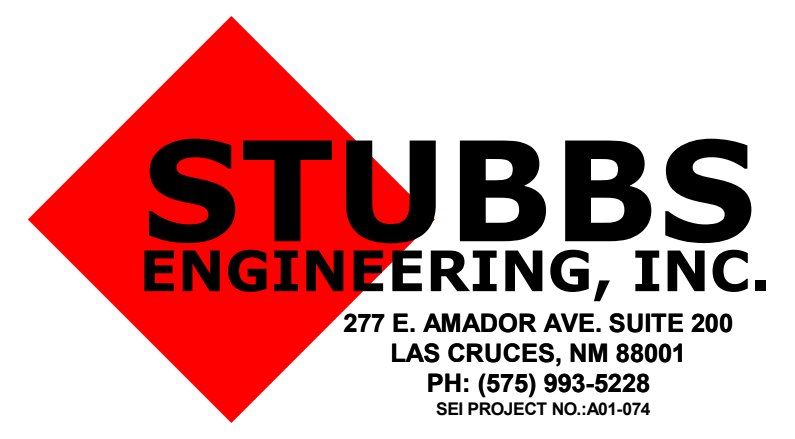
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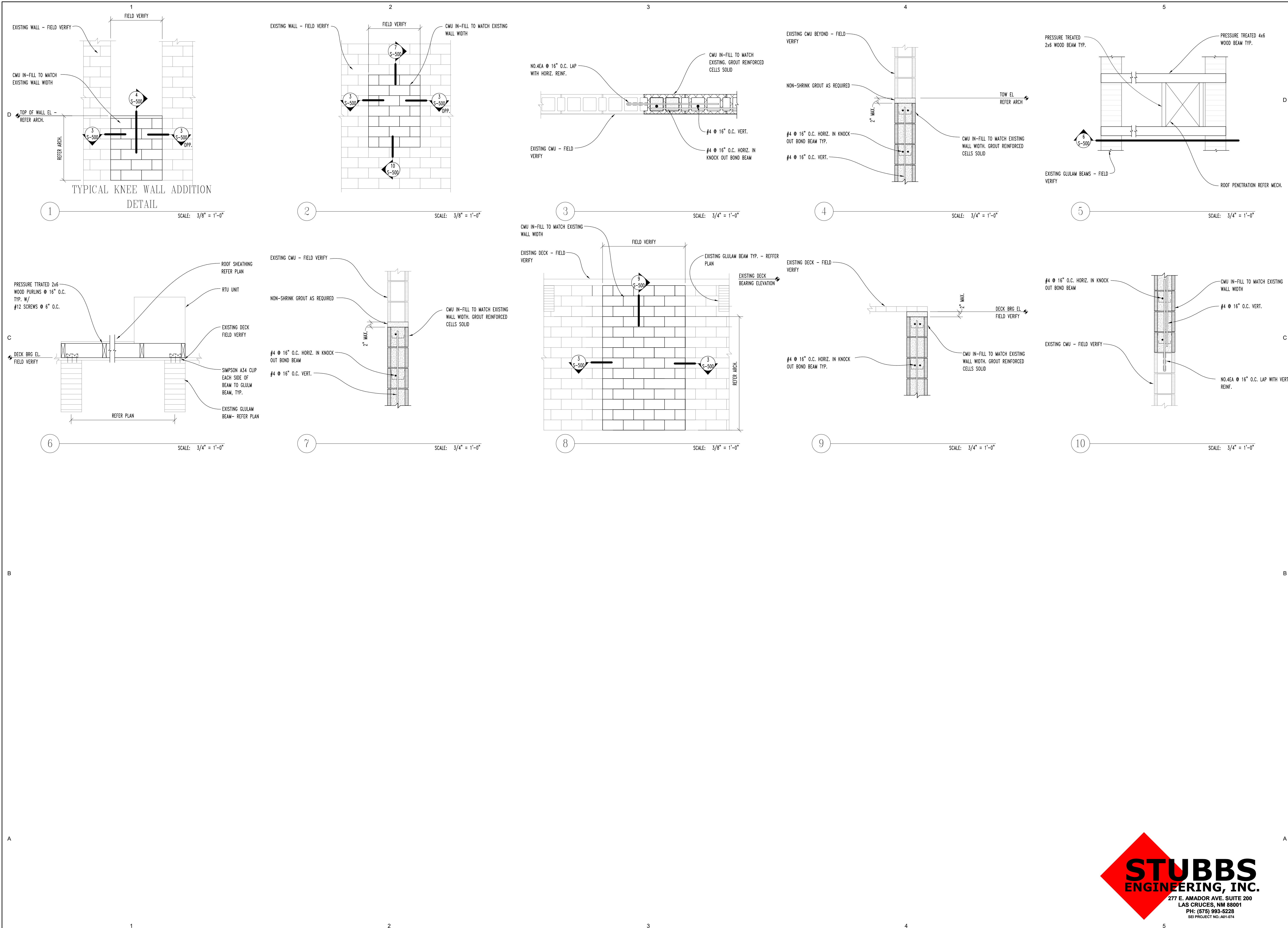
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**FOUNDATION
DETAILS**

SHEET NO:
S-400



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**GRANT COUNTY AIRPORT
RENOVATION**

GRANT COUNTY,
158 AIRPORT ROAD
HURLEY, NEW MEXICO

MARK	DATE	DESCRIPTION

ASA PROJECT NO.: A01-074

PROJECT NO.: 19104L

DRAWN BY: SEI STAFF

CHECKED BY: M.A.S.

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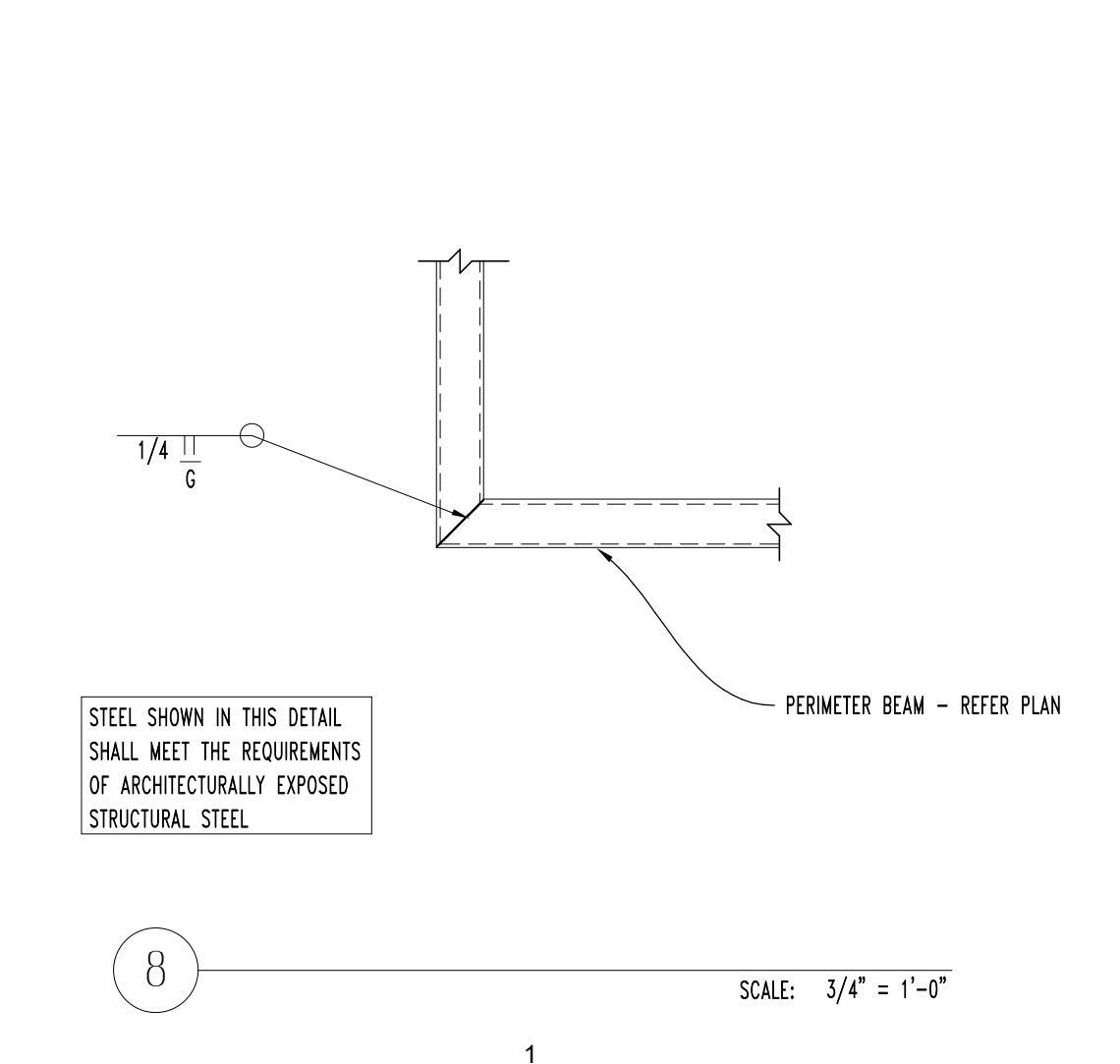
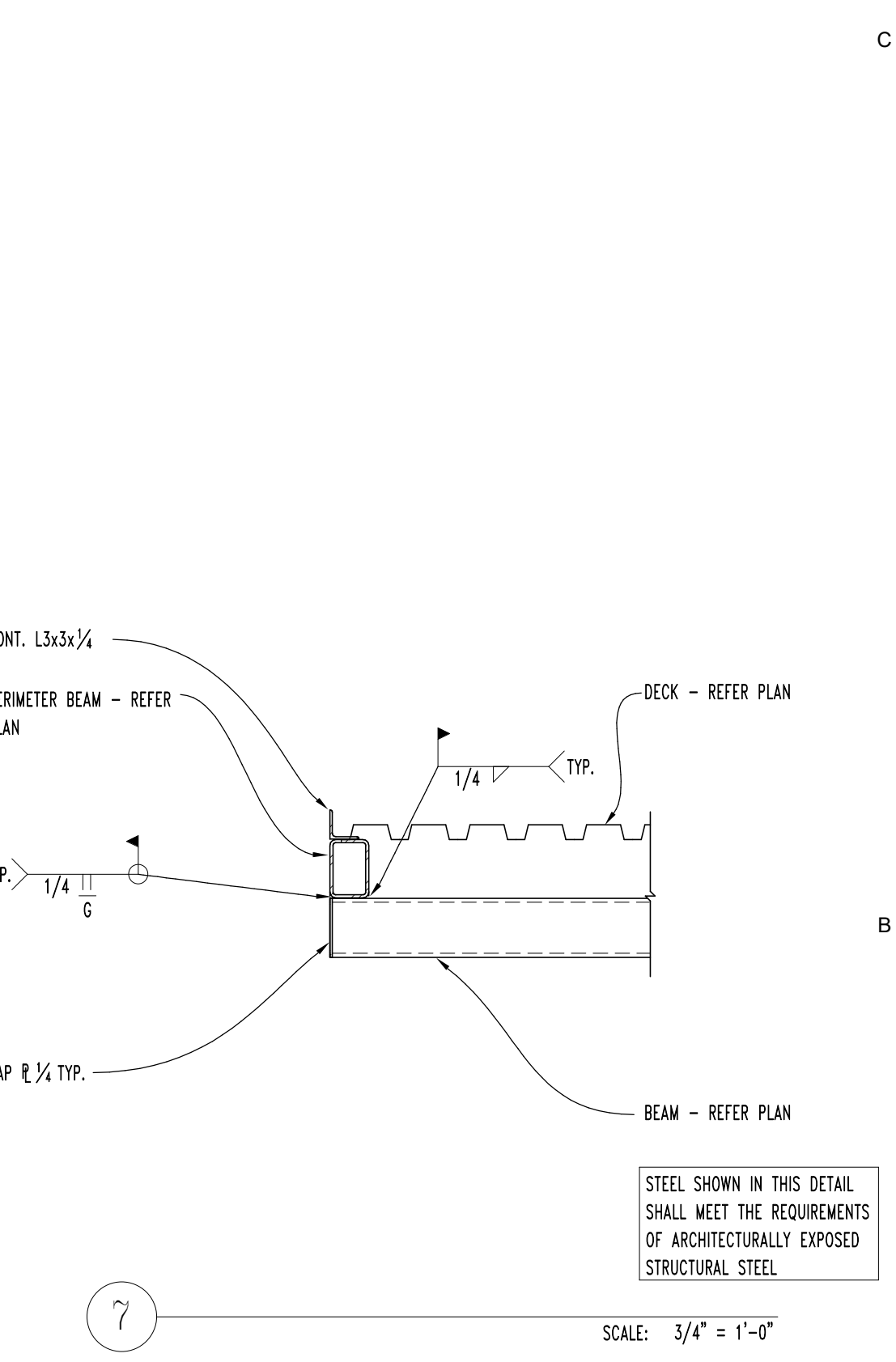
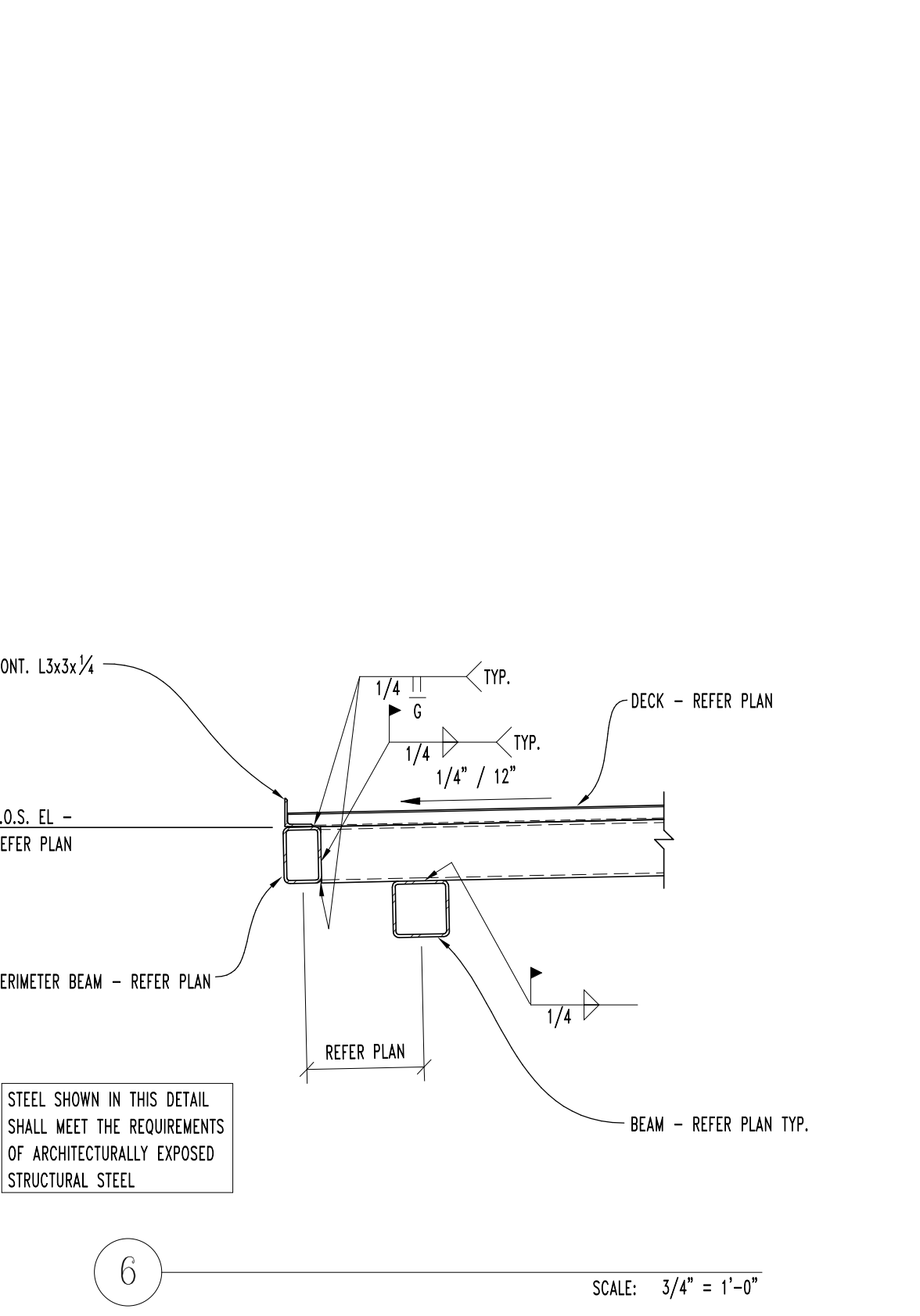
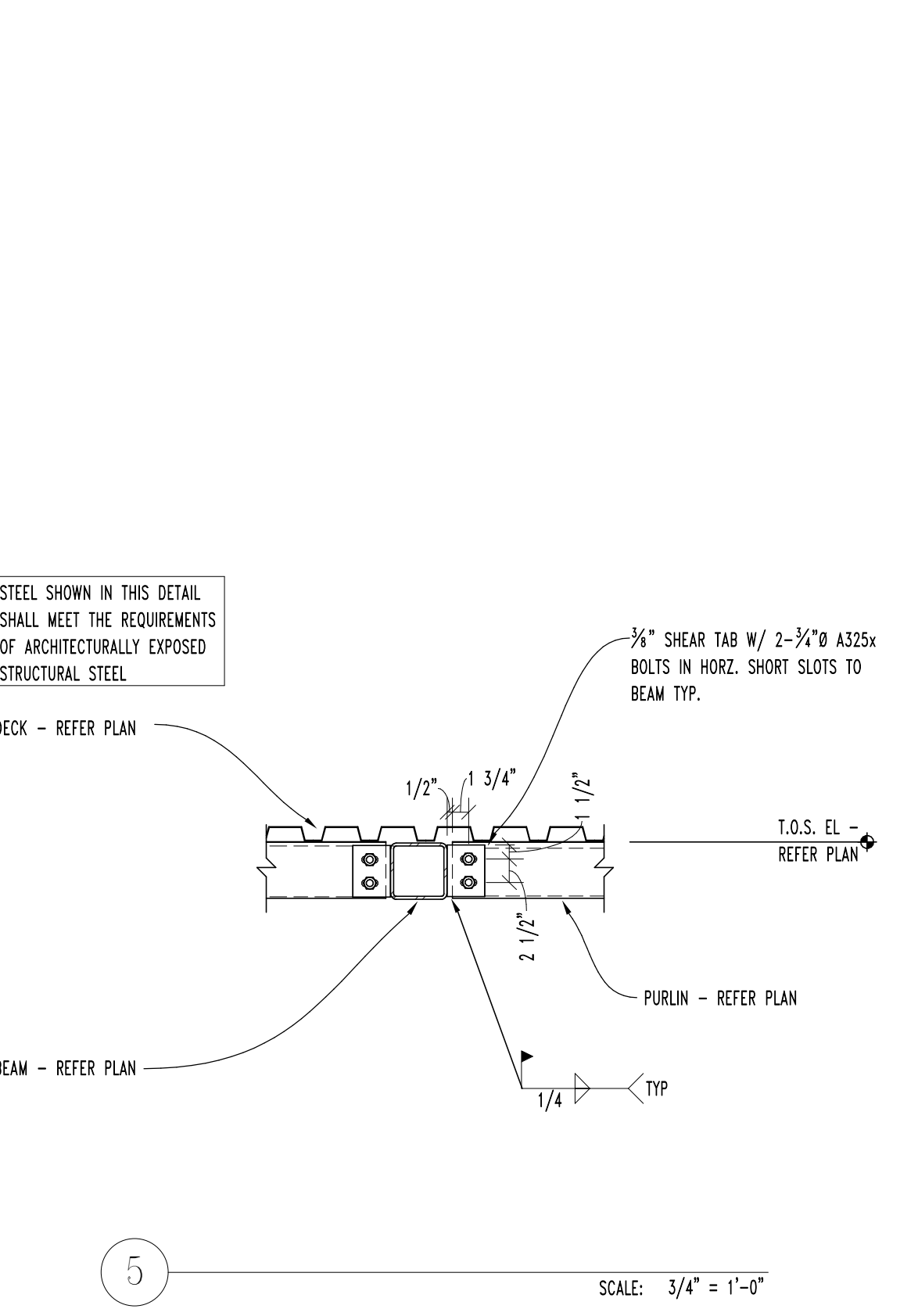
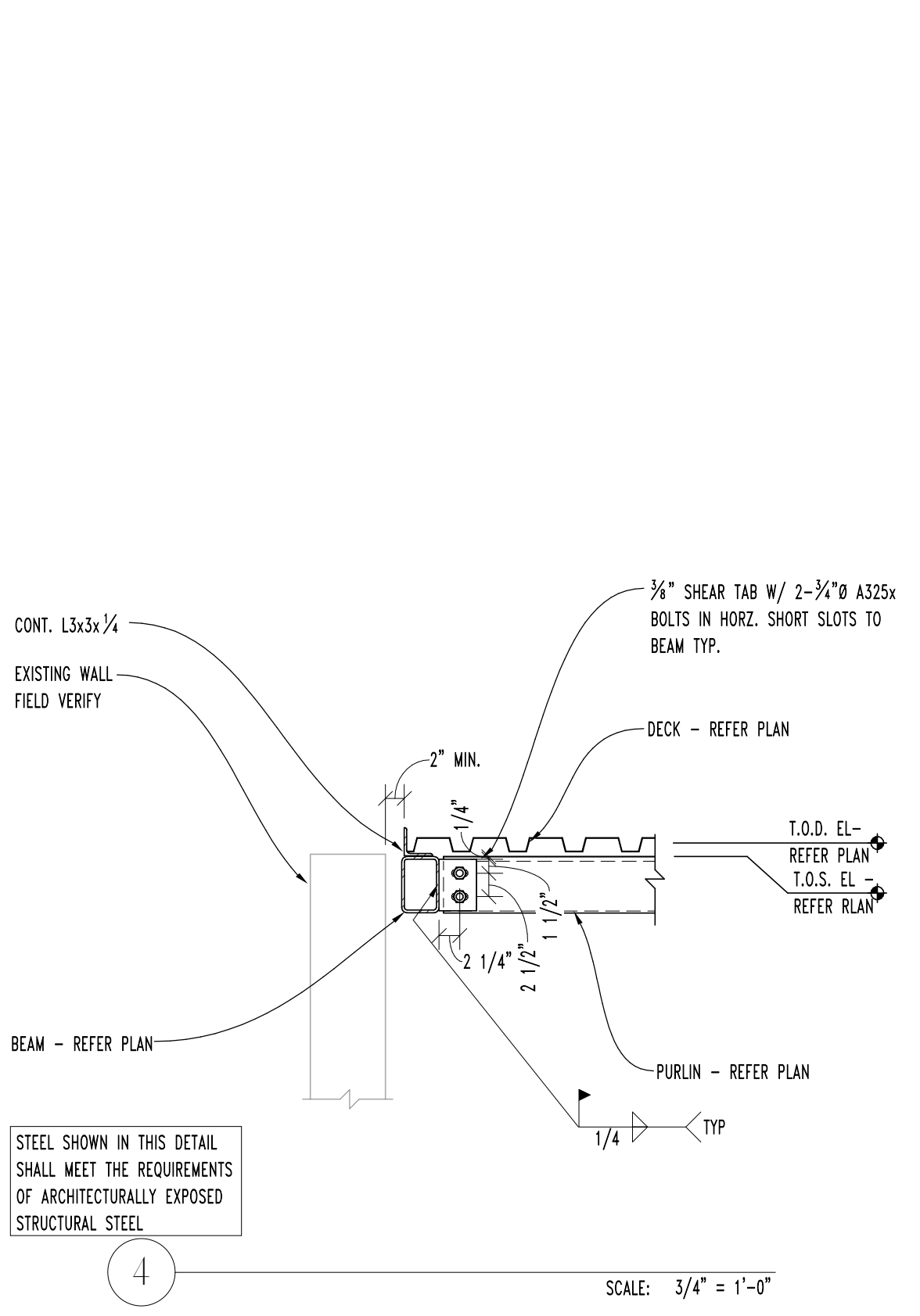
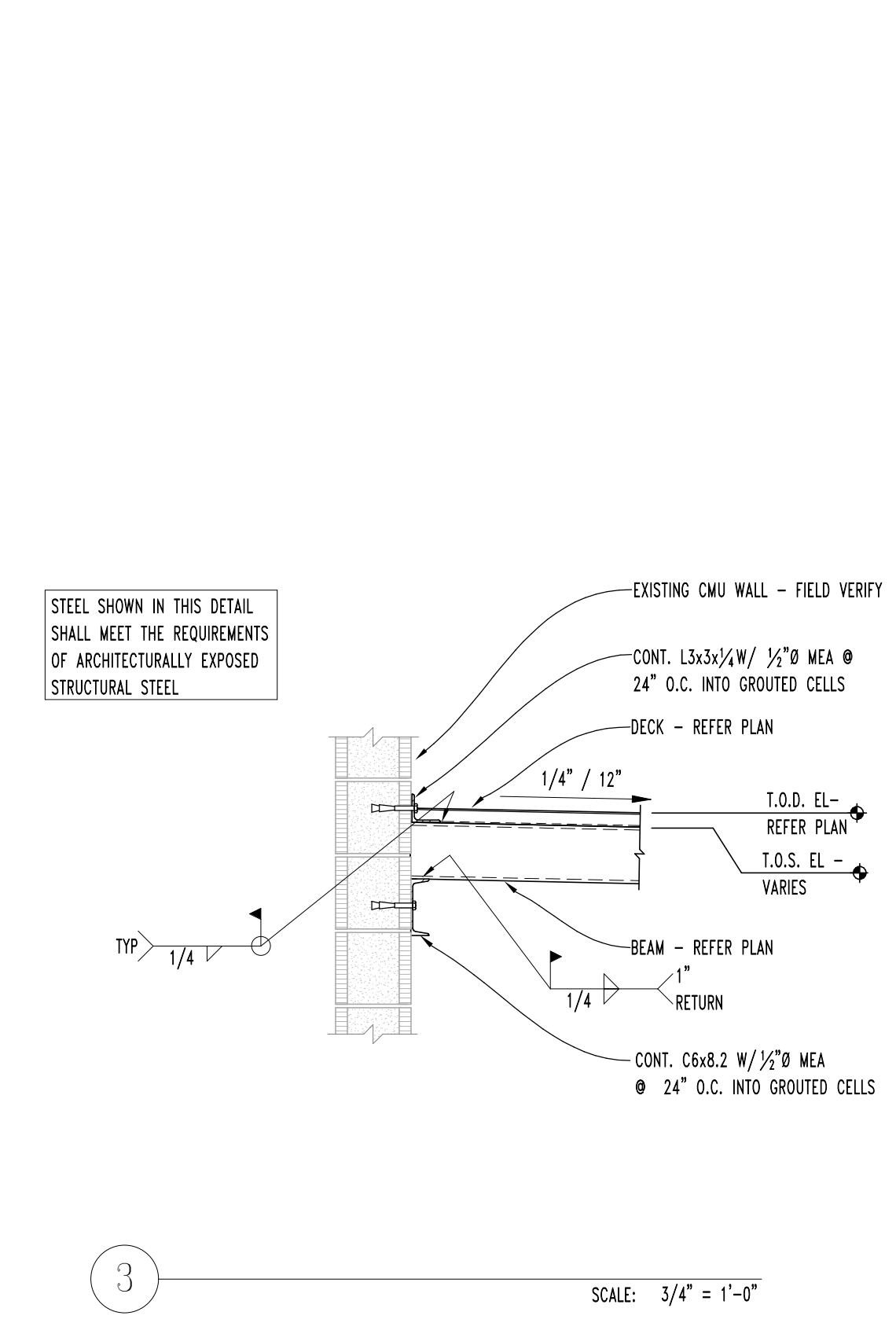
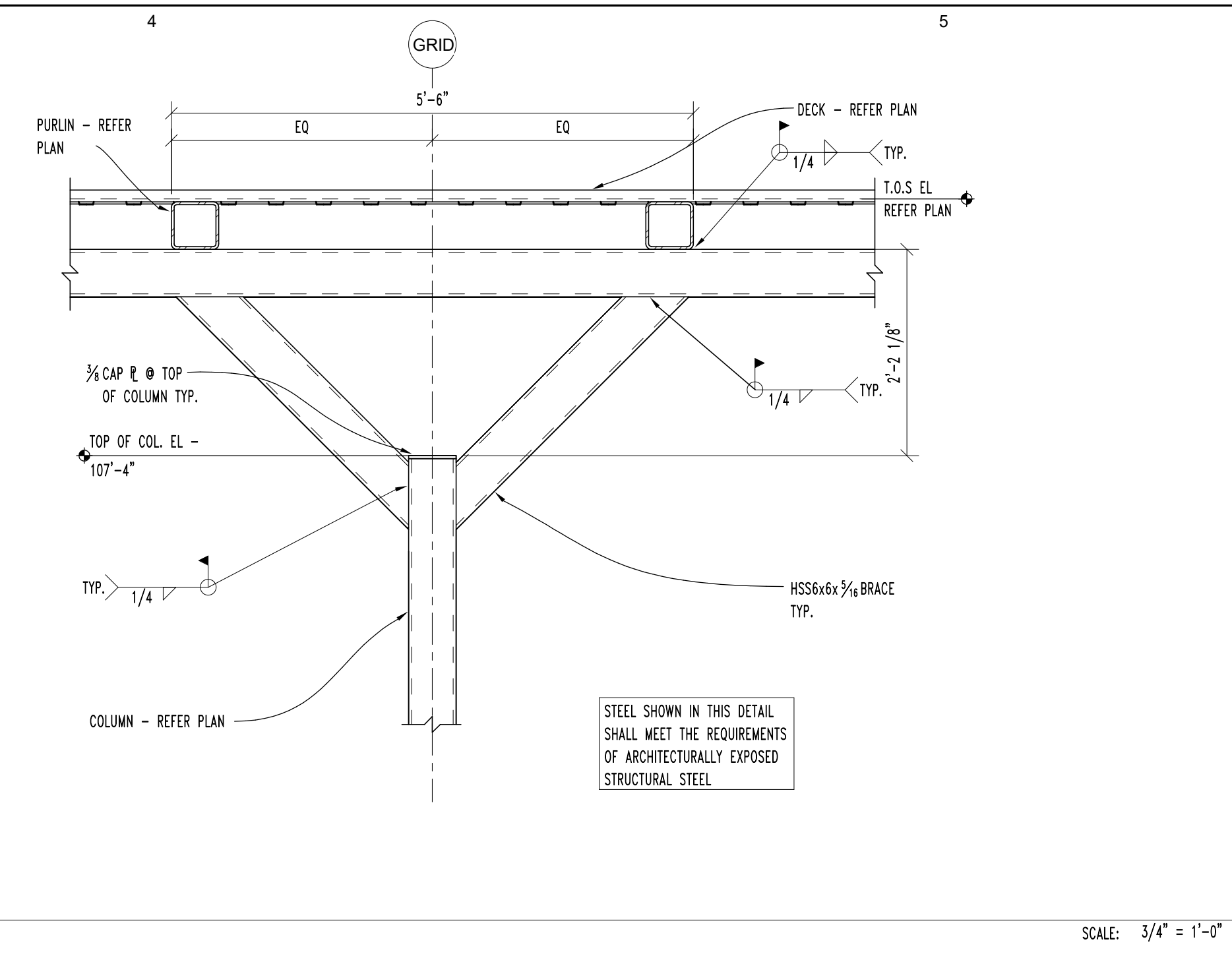
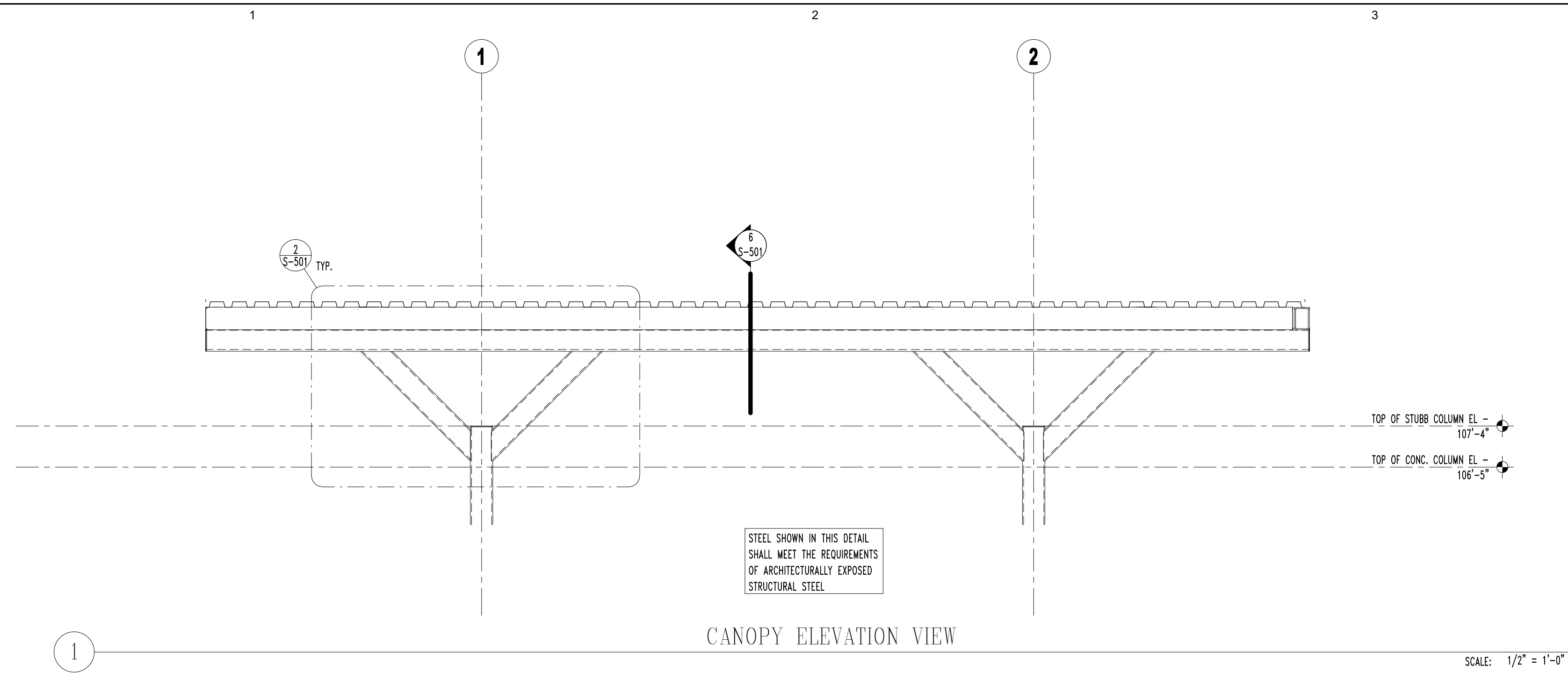
**TYPICAL FRAMING
DETAILS**

SHEET NO:
S-500

**STUBBS
ENGINEERING, INC.**

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SEI PROJECT NO.: A01-074

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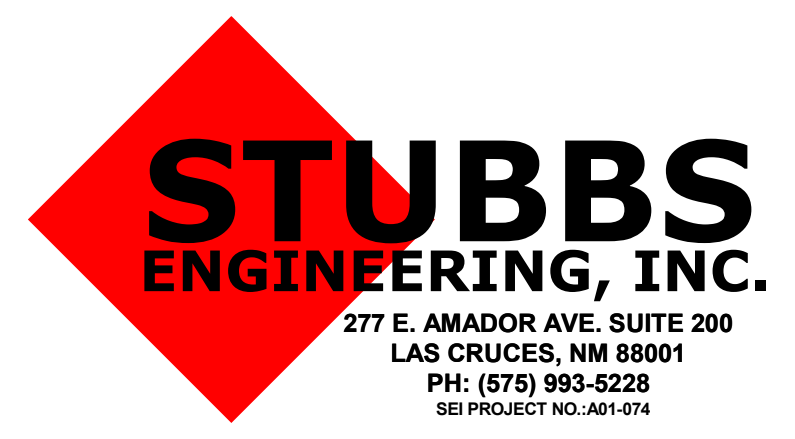
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GRANT COUNTY AIRPORT RENOVATION
GRANT COUNTY,
158 AIRPORT ROAD
HURLEY, NEW MEXICO

MARK	DATE	DESCRIPTION

ASA PROJECT NO.: A01-074
PROJECT NO.: 19104L
DRAWN BY: SEI STAFF
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SHEET TITLE:



ROOF FRAMING DETAILS

SHEET NO: S-501



1 OVERALL SITE PLAN

SCALE: 1" = 40'-0"



GENERAL SITE NOTES

- A. REFERENCE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR REQUIRED OR AS CALLED OUT SITE UTILITIES.
- B. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UNDERGROUND UTILITIES LOCATED IN NEW BUILDING AREA AND CAP-OFF, REMOVE, OR RELOCATE AS REQUIRED. COORDINATE KNOWN UTILITY LOCATIONS WITH OWNERS REP.
- C. CONTRACTOR SHALL COORDINATE SITE ACCESS AND STAGING AREA WITH OWNER AND ARCHITECT.
- D. CONTRACTOR IS RESPONSIBLE FOR DAMAGES DONE TO EXISTING STRUCTURES, SIDEWALKS, PAVING AREAS, FENCING, ETC. NOT SCHEDULED FOR DEMOLITION. ALL REQUIRED REPAIRS WILL BE MADE AT CONTRACTORS EXPENSE.
- E. ALL TRASH AND DAMAGED MATERIAL ARE TO BE REMOVED FROM JOB SITE DAILY AND DISPOSE OF PROPERLY.
- F. THE SITE PLAN REFERENCES GENERAL PROPOSED WORK. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL ENGINEERING DISCIPLINES FOR EXACT SCOPE OF WORK.
- G. 72 HOURS PRIOR TO DIGGING ON SITE, CONTRACTOR SHALL CONTACT NEW MEXICO ONE CALL 1.800.321.ALERT FOR KNOWN UTILITY LOCATES.
- H. CONTRACTOR SHALL PROVIDE STORM WATER POLLUTION PREVENTION PLAN SEDIMENT CONTROL FENCE OR EARTH IN BERM/ DIVERSIONS OF EARTH WORK EROSION CONTROL) UNLESS A 30" MIN. HIGH ROCK WALL EXIST. CONTRACTOR MUST COMPLETE & FILE ALL FORMS FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY REQUIRED BY THE STATE OF NEW MEXICO AND GRANT COUNTY.
- I. CONTRACTOR SHALL PROVIDE A CONSTRUCTION DRIVEWAY 50 FEET LENGTH MINIMUM X 19 FEET WIDTH MINIMUM, CONSISTING OF 4" TO 8" SIZE COURSE AGGREGATE OPEN GRADED OVER 6" FOUNDATION COURSE (FLEXIBLE BASE BITUMINOUS CONCRETE OR PORTLAND CEMENT CONCRETE) THE APPROACH TRANSITION SHOULD BE NO STEEPER THAN 6:1 THE CONSTRUCTION DRIVEWAY SHALL BE GRADED TO ALLOW DRAINAGE TO A SEDIMENT TRAPPING DEVICE. FINAL LOCATION OF CONSTRUCTION DRIVEWAY CAN BE AT THE DISCRETION OF THE CONTRACTOR W/ COORDINATION AND APPROVAL OF OWNER AND ARCHITECT.
- J. DISTURBED AREA = .04 ACRES.

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CONSTRUCTION DOCUMENTS
 07/03/19

GRANT COUNTY AIRPORT TERMINAL RENOVATION
BID# B-20-02
 GRANT COUNTY,
 158 AIRPORT ROAD
 HURLEY, NEW MEXICO

MARK	DATE	DESCRIPTION

ASA PROJECT NO.: Project Number
 PROJECT NO.: 19104L
 DRAWN BY: Author
 CHECKED BY: Checker
 SHEET TITLE:

SITE PLAN

SHEET NO:
AS-100

DEMO KEY NOTES	
1	REMOVE EXISTING DOOR FRAME, DOORS AND ALL ASSOCIATED COMPONENTS IN ITS ENTIRETY. CLEAN AND PREPARE AREA TO RECEIVE WORK.
2	REMOVE EXISTING STORE FRONT AND ALL ASSOCIATED COMPONENTS IN ITS ENTIRETY CLEAN AND PREPARE AREA TO RECEIVE NEW WORK
3	REMOVE EXISTING OVERHEAD DOOR IN IT'S ENTIRETY CLEAN AND PREPARE AREA TO RECEIVE NEW WORK
4	REMOVE EXISTING WALLS AND ALL ASSOCIATED COMPONENTS IN THEIR ENTIRETY CLEAN AND PREPARE AREA TO RECEIVE NEW WORK
5	REMOVE EXISTING PLUMBING FIXTURES AND ALL ASSOCIATED PIPING IN THEIR ENTIRETY CLEAN AND PREPARE AREA TO RECEIVE NEW WORK SEE PLUMBING
6	REMOVE EXISTING HEATERS, CLEAN AND PREPARE AREA TO RECEIVE NEW WORK. SEE MECHANICAL FOR ADDITIONAL INFORMATION.
7	EXISTING CONCRETE FLOOR WITH PREVIOUSLY ABATED FLOOR FINISH BY OWNERS SUBCONTRACTOR. PREPARE AREA TO RECIEVE NEW FLOOR FINISH.
8	REMOVE PORTION OF EXISTING WALL AND PREPARE AREA TO RECEIVE NEW DOOR FRAME AND DOOR.
9	REMOVE EXISTING MILLWORK AND ALL ASSOCIATED EQUIPMENT IN IT'S ENTIRETY. CLEAN AND PREPARE AREA TO RECEIVE NEW WORK
10	REMOVE EXISTING ELECTRICAL PANEL. CLEAN AND PREPARE AREA TO RECEIVE NEW WORK. SEE ELECTRICAL FOR ADDITIONAL INFORMATION.
11	REMOVE EXISTING FURNACE CLEAN AND PREPARE AREA TO RECEIVE NEW WORK. SEE MECHANICAL FOR ADDITIONAL INFORMATION.
12	REMOVE EXISTING WINDOW AND ALL ASSOCIATED COMPONENTS IN ITS ENTIRETY AND INFILL OPENING TO MATCH EXISTING WALL.

DEMO GENERAL NOTES	
A.	DISCONNECT UTILITIES PRIOR TO ANY DEMOLITION OR EXCAVATION. COORDINATE WITH REGULATING AUTHORITIES AND APPROPRIATE UTILITY COMPANIES ONLY IF REQUIRED.
B.	ANY DEMOLITION AND REMOVAL OF EXISTING CONSTRUCTION AND EQUIPMENT SHOULD BE COORDINATED WITH NEW WORK.
C.	ALL ITEMS SHOWN OR SCHEDULED TO BE DEMOLISHED AND REMOVED ARE PROPERTY OF THE CONTRACTOR. UNLESS OTHERWISE NOTED.
D.	COORDINATE DEMOLITION OF EXISTING CONSTRUCTION WITH MECHANICAL / PLUMBING / ELECTRICAL DEMOLITION PLANS.
E.	CONTRACTOR SHALL FIELD VERIFY EXTENT OF DEMOLITION AND PROPOSED CONSTRUCTION.
F.	PROVIDE AND MAINTAIN TEMPORARY PROTECTION OF EXISTING STRUCTURE AS REQUIRED. PERFORM DEMOLITION REQUIRED WITH CARE AND SAFETY OF PERSONNEL, PUBLIC, AND PROPERTY. PROVIDE ADEQUATE SHORING BRACING AND SUPPORT OF EXISTING AND NEW CONSTRUCTION AT ALL TIMES.
G.	CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL PRECAUTIONS, SUCH AS EXPLORATIONS OR PROBES NECESSARY BEFORE DEMOLITION.
H.	KEEP CONSTRUCTION SITE FREE OF ACCUMULATION OF DEBRIS AND RUBBISH. THERE WILL BE NO STOCK PILING OF MATERIALS.
J.	NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY FOR CLARIFICATION BEFORE CONTINUING WORK.
K.	INTENT OF DEMOLITION IS TO PREPARE EXISTING BUILDING FOR NEW IMPROVEMENTS. CONTRACTOR SHOULD EXECUTE ALL DEMOLITION WITH CARE. ANY AREAS DAMAGED AND NOT SCHEDULED TO BE DEMOLISHED WILL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
L.	CONTRACTOR SHALL TAKE PRECAUTIONS AS NECESSARY TO PROTECT FROM DAMAGE UNDEGROUND WORK, UTILITY LINES, WALKS, LANDSCAPING, ETC. WHICH REMAIN AS PART OF THE FINAL SYSTEMS. WHERE DAMAGED, CONTRACTOR SHALL REPAIR AND / OR RESTORE THESE ITEMS AS REQUIRED TO PRE-CONSTRUCTION CONDITION.
M.	CONTRACTOR SHALL COMPLY WITH ALL CODES, ORDINANCES AND REGULATIONS APPLICABLE TO THE PROJECT LOCATION. CONTRACTOR SHALL FILE AND SECURE ALL NECESSARY PERMITS, APPROVALS, ETC. FOR ALL TRADES.
N.	ALL ITEMS INDICATED TO BE REMOVED SHALL BE REMOVED FROM SITE ON A DAILY BASIS AND LEGALLY DISPOSED OF.
P.	THE CONTRACTOR SHALL OVERSEE CLEANING AND ENSURE THAT THE PREMISES ARE MAINTAINED FREE OF RUBBISH DURING DEMOLITION WORK. CONTRACTOR CLEAN UP IS THE RESPONSIBILITY OF THE CONTRACTOR.

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CONSTRUCTION DOCUMENTS
 07/03/19

GRANT COUNTY AIRPORT TERMINAL RENOVATION
BID# B-20-02
 GRANT COUNTY,
 158 AIRPORT ROAD
 HURLEY, NEW MEXICO

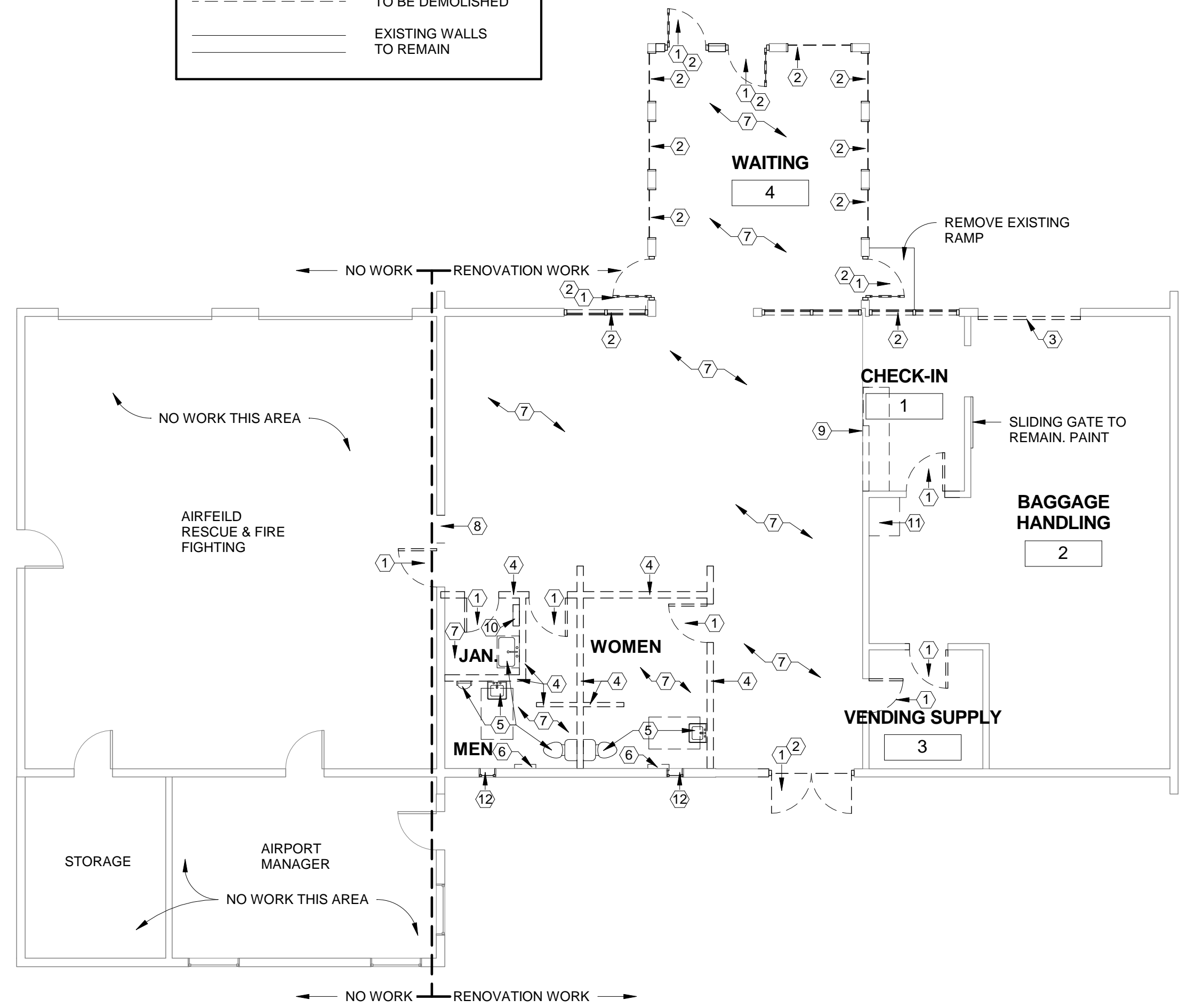
MARK	DATE	DESCRIPTION

ASA PROJECT NO. Project Number
 PROJECT NO: 19104L
 DRAWN BY: Author
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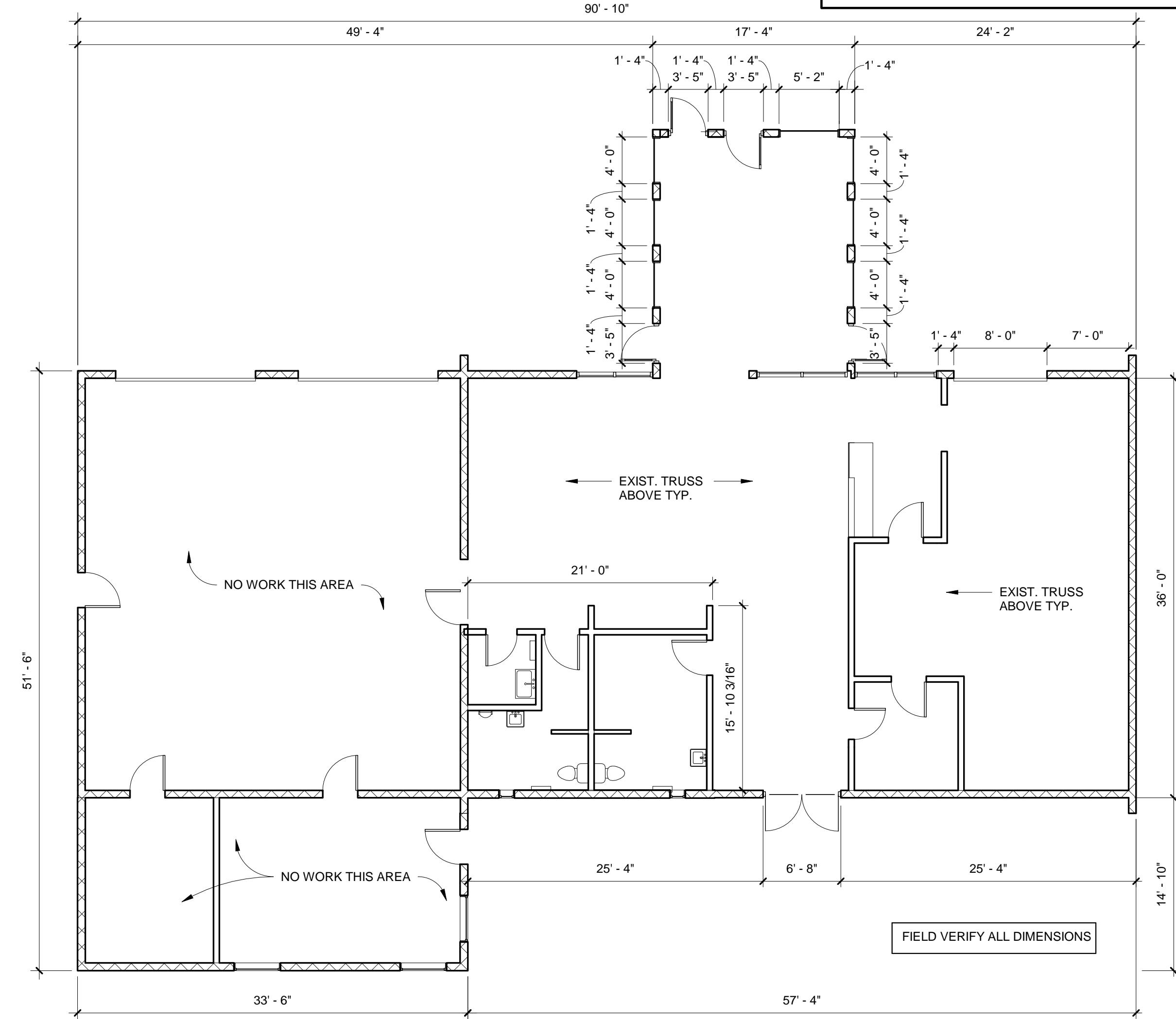
EXISTING / DEMO PLAN

SHEET NO:
AD-100

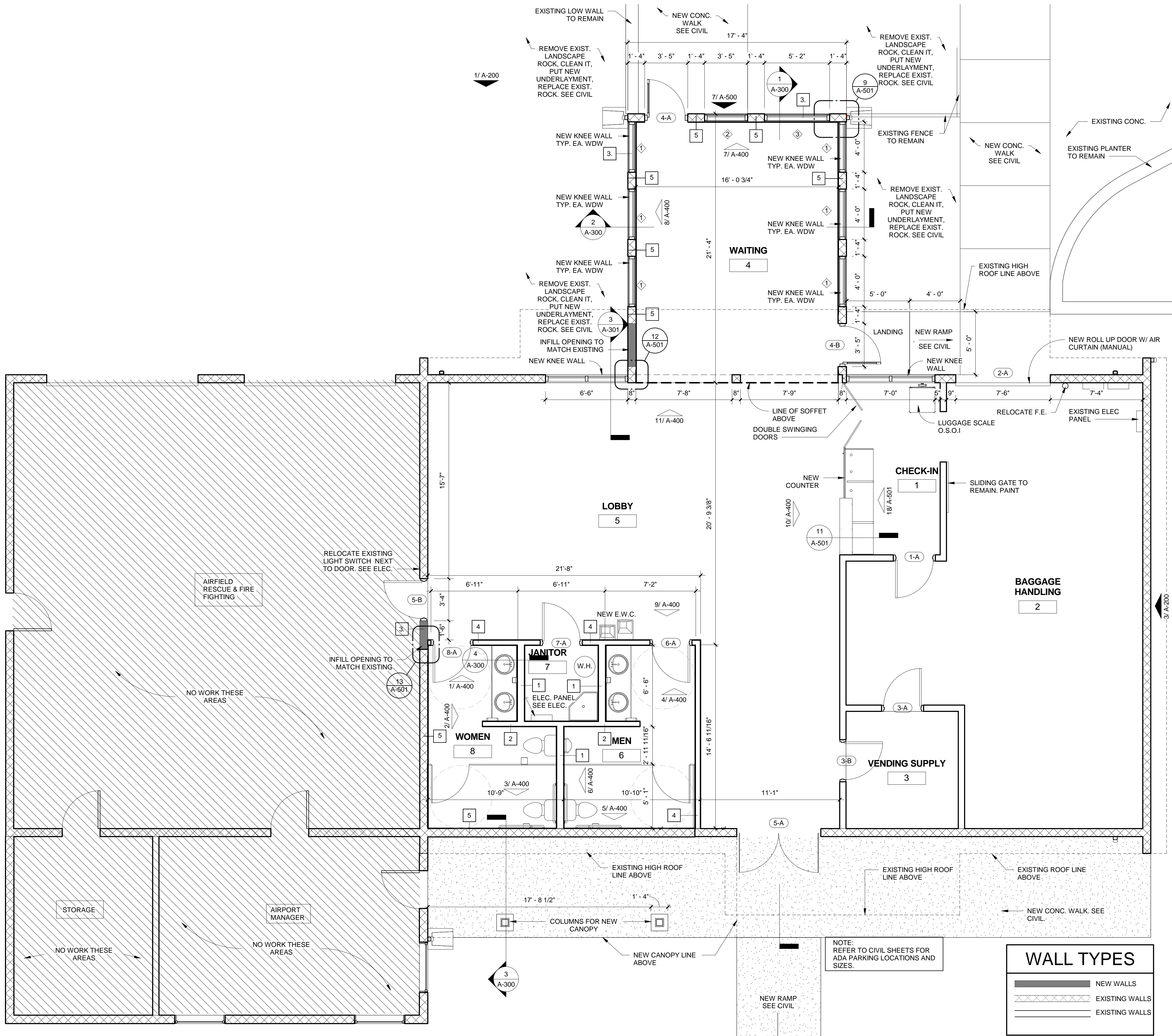
WALL TYPES	
	EXISTING WALLS TO BE DEMOLISHED
	EXISTING WALLS TO REMAIN



1 FLOOR PLAN - DEMO
 SCALE: 1/8" = 1'-0"



2 FLOOR PLAN - EXISTING
 SCALE: 1/8" = 1'-0"

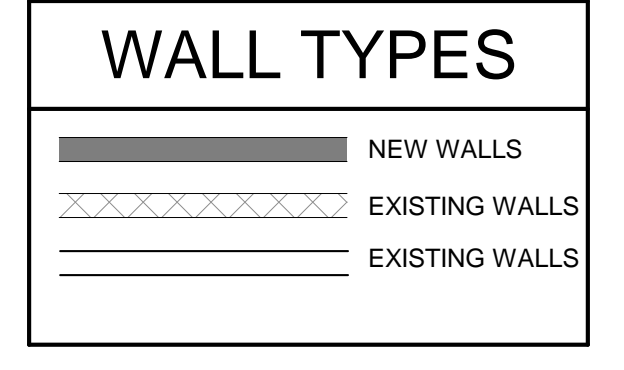
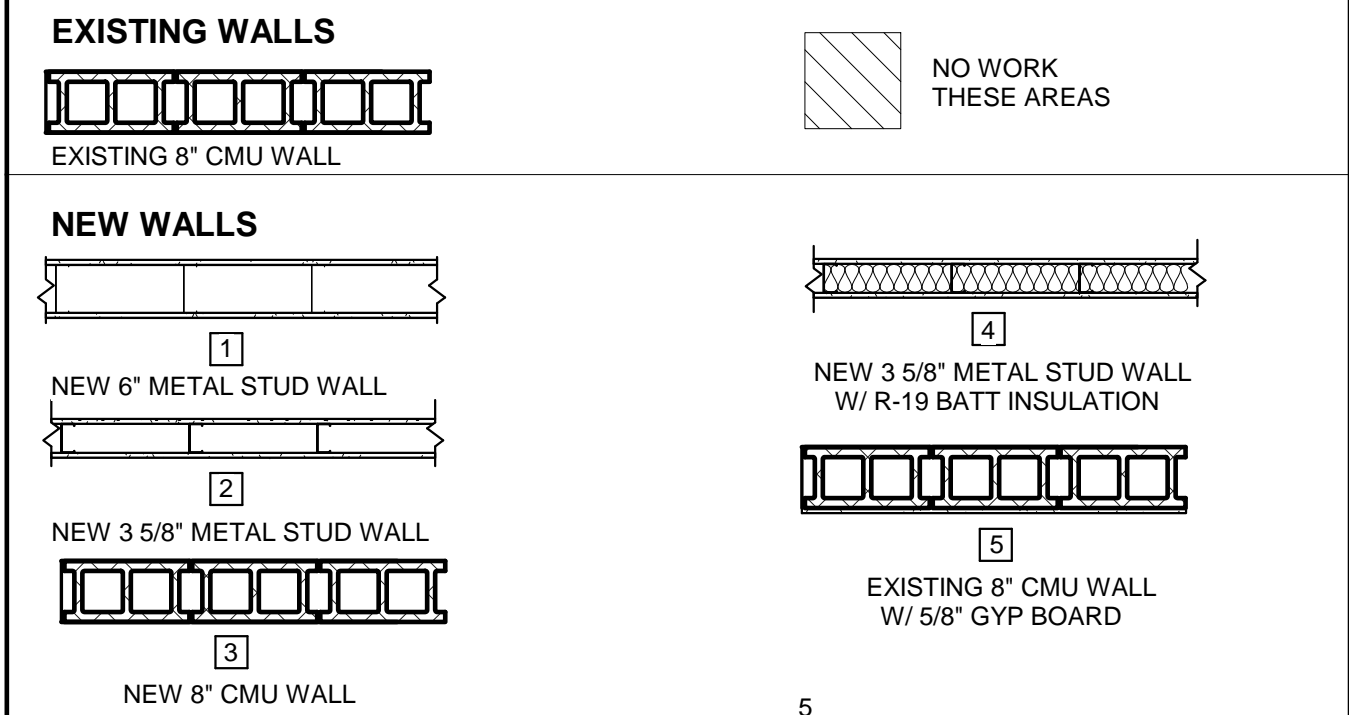


1 FLOOR PLAN
SCALE: 1/4" = 1'-0"

PROJECT GENERAL NOTES

- PROJECT GENERAL NOTES PROVIDE INFORMATION CONCERNING THE WORK OF THE ENTIRE PROJECT AND ARE NOT LIMITED TO ANY INDIVIDUAL DRAWING OR SHEET.
- CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL CODES, ORDINANCES AND REGULATIONS APPLICABLE AT PROJECT LOCATION. CONTRACTOR IS RESPONSIBLE FOR FILING AND SECURING ALL NECESSARY PERMITS, APPROVALS, ETC. FOR ALL TRADES.
 - KEYED NOTES ARE GENERAL IN NATURE AND MAY NOT REPRESENT ALL CONDITIONS WHICH MAY EXIST.
 - UNLESS OTHERWISE NOTED, ALL STEEL FRAMING SHALL BE SCREWED, NOT WELDED.
 - FIELD VERIFY EXISTING DIMENSIONS PRIOR TO ORDERING OR CUTTING MATERIALS.
 - ALL WORK IS TO CONFORM TO DRAWINGS AND SPECIFICATIONS. DRAWINGS ARE NOT TO BE SCALED FOR INFORMATION.
 - THIS FACILITY SHALL BE FINISHED COMPLETELY THROUGHOUT. SHOULD THERE BE ANY QUESTIONS REGARDING BOUNDARIES OF EACH ROOM DESIGNATION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ASK QUESTIONS PRIOR TO BIDDING. SHOULD TIME CONSTRAINTS NOT ALLOW CLARIFICATION FOR PRICING PURPOSES, THE FINISH OF THE NEXT ADJACENT ROOM (WHICH EVER IS HIGHER MONETARY VALUE) SHALL BE INCLUDED INTO THE BID. NO SEPARATE PAYMENT WILL BE MADE UNDER A REQUEST OF CLARIFICATION AFTER BIDDING.
 - ALL EXPOSED PIPING (INCLUDES WALLS AND ROOF) SHALL BE PRIMED AND PAINTED AS SPECIFIED IN SECTION 099000 - UNLESS NOTED OTHERWISE. COLOR AS SELECTED BY ARCHITECT. PAINTING CONTRACTOR IS RESPONSIBLE FOR THE REVIEW OF ALL DRAWINGS AND SPECIFICATIONS INDICATING EXPOSED PIPING. ALL REQUIRED PAINTING OF EXPOSED PIPING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE.
 - CONTRACTOR SHALL PROVIDE ACCESS DOORS (MIN 18"x18") FOR ALL CONTROLS, MAINTENANCE ITEMS, AND VALVES BEHIND RIGID WALLS AND CEILINGS.
 - CONFLICTS WITHIN SPECIFICATIONS AND/OR DRAWINGS:
 - WHERE CONFLICTS BETWEEN SPECIFICATIONS AND DRAWINGS MAY ARISE, THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY OF THE SUPPLY AND INSTALLATION OF ITEMS WHICH MAY NOT APPEAR IN SHEETS NOT TYPICALLY ASSOCIATED WITH THAT PARTICULAR TRADE. EXAMPLE: A LIGHT IS SHOWN ON THE ARCHITECTURAL REFLECTED CEILING PLAN, BUT IS NOT SHOWN ON THE ELECTRICAL LIGHTING PLAN. IN THIS CASE, THE CONTRACTOR SHALL PROVIDE AND INSTALL THE FIXTURE AND PROVIDE POWER TO THE FIXTURE. WHEN IN DOUBT, THE CONTRACTOR SHALL REQUEST CLARIFICATION PRIOR TO THE BID.
 - DRAWINGS WITHIN A SET ARE COMPLEMENTARY IN NATURE. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY OF THE SUPPLY AND INSTALLATION OF ITEMS WHICH MAY NOT APPEAR IN SHEETS NOT TYPICALLY ASSOCIATED WITH THAT PARTICULAR TRADE. EXAMPLE: A LIGHT IS SHOWN ON THE ARCHITECTURAL REFLECTED CEILING PLAN, BUT IS NOT SHOWN ON THE ELECTRICAL LIGHTING PLAN. IN THIS CASE, THE CONTRACTOR SHALL PROVIDE AND INSTALL THE FIXTURE AND PROVIDE POWER TO THE FIXTURE. WHEN IN DOUBT, THE CONTRACTOR SHALL REQUEST CLARIFICATION PRIOR TO THE BID.
 - NOTATIONS ON DRAWINGS (I.E., "KEYED NOTES") APPLY TO MOST TYPICAL OCCURRENCES, AND MAY NOT POINT TO EVERY SINGLE INSTANCE WHERE THAT CONDITION EXISTS. EXAMPLE: A KEYED NOTE POINTS TO A PIPE BOLLARD ON THE SIDE OF A DRIVE-THRU, AND IDENTIFIES AS SUCH, ANOTHER PIPE BOLLARD IS SHOWN ON THE OTHER SIDE, BUT IT IS NOT IDENTIFIED BY THE SAME KEYED NOTE. IN THIS CASE, THE CONTRACTOR SHALL FURNISH AND INSTALL BOTH PIPE BOLLARDS. WHEN IN DOUBT, THE CONTRACTOR SHALL REQUEST CLARIFICATION PRIOR TO THE BID.
 - PROPER SEALING OF THE BUILDING ENVELOPE - OPENINGS AND PENETRATIONS IN THE BUILDING ENVELOPE SHALL BE SEALED WITH CAULKING MATERIALS OR CLOSED WITH GASKETING SYSTEMS COMPATIBLE WITH THE CONSTRUCTION MATERIALS AND LOCATION. JOINTS AND SEAMS SHALL BE SEALED IN THE SAME MANNER OR TAPED OR COVERED WITH MOISTURE VAPOR-PERMEABLE WRAPPING AS SPECIFIED. SEALING MATERIALS SPANNING JOINTS BETWEEN CONSTRUCTION MATERIALS SHALL ALLOW FOR EXPANSION AND CONTRACTION OF THE CONSTRUCTION MATERIALS.
 - DISPOSAL OF ALL DEMOLISHED ITEMS SHALL BE DONE BY THE CONTRACTOR IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS AND ORDINANCES. DISPOSAL ITEMS SHALL BE DISPOSED OF IN A "PERMITTED SOLID WASTE FACILITY" OR OTHER PRIVATE LOCATION. PRIVATE DISPOSAL LOCATIONS SHALL NOT BE USED UNTIL A WRITTEN CONSENT FROM THE PROPERTY OWNER IS PROVIDED TO THE OWNER. ALL COST INCURRED IN OBTAINING A DISPOSAL SITE AND HAULING ALL REMOVED AND DEMOLISHED ITEMS TO THE SITE SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE.
 - CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCY BETWEEN DRAWINGS, SPECIFICATIONS AND/OR EXISTING CONDITIONS. CONTRACTOR SHALL AWAIT RESOLUTION OF DISCREPANCY BEFORE ORDERING MATERIALS OR MOVING FORWARD WITH WORK INVOLVING DISCREPANCY.
 - CONTRACTOR SHALL REPAIR OR REPLACE ANY ITEM OR SURFACE THAT MAY HAVE BEEN DAMAGED DURING CONSTRUCTION.
 - MAKE THE NECESSARY ARRANGEMENTS WITH THE OWNER TO VISIT THE SITE PRIOR TO SUBMITTING A PROPOSAL. EXAMINE THE EXISTING SITE, FACILITIES, AND FIELD VERIFY ALL CONDITIONS. SUBMISSION OF A PROPOSAL SHALL BE TAKEN AS EVIDENCE THAT THE CONTRACTOR HAS PHYSICALLY INSPECTED THE SITE AND MADE HIM OR HERSELF FAMILIAR WITH AND UNDERSTANDS THE REQUIRED SCOPE OF WORK.
 - ACTUAL FIELD CONDITIONS FOUND TO BE AT VARIANCE WITH THE INTENT OF THE CONSTRUCTION DOCUMENTS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR HIS CONSIDERATION BEFORE PROCEEDING WITH THE WORK.
 - LOCATE EXISTING UTILITIES PRIOR TO CONSTRUCTION AND COORDINATE ALL WORK WITH RESPECTIVE UTILITY OWNERS.
 - GENERAL DATA SHOWN ON ONE PART OF THE DRAWINGS SHALL APPLY TO ALL SIMILAR CONDITIONS.
 - THE CONSTRUCTION DOCUMENTS DO NOT CONTAIN THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. CARE OF ADJACENT PROPERTIES DURING CONSTRUCTION MUST COMPLY WITH ALL GOVERNING REGULATIONS CONCERNING SAFETY AND IS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - ALL TEMPORARY UTILITIES SHALL BE PAID BY THE CONTRACTOR.

WALL LEGEND



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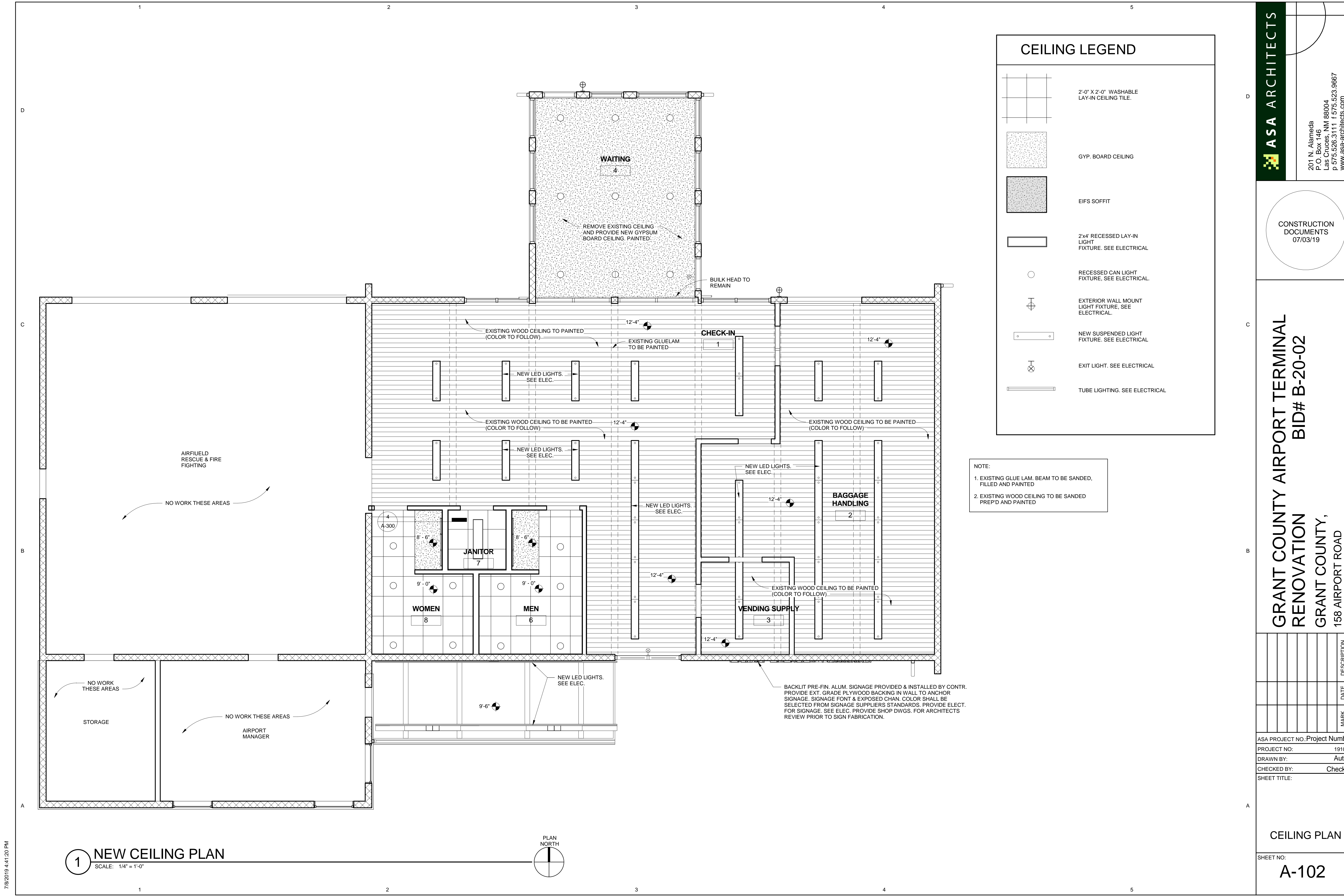
GRANT COUNTY,
158 AIRPORT ROAD
HURLEY, NEW MEXICO

MARK	DATE	DESCRIPTION

ASA PROJECT NO. Project Number
PROJECT NO: 19104L
DRAWN BY: Author
CHECKED BY: Checker
SHEET TITLE:

NEWFLOOR PLAN

SHEET NO:
A-101



CEILING LEGEND

	2'-0" X 2'-0" WASHABLE LAY-IN CEILING TILE.
	GYP. BOARD CEILING
	EIFS SOFFIT
	2x4" RECESSED LAY-IN LIGHT FIXTURE. SEE ELECTRICAL
	RECESSED CAN LIGHT FIXTURE. SEE ELECTRICAL
	EXTERIOR WALL MOUNT LIGHT FIXTURE. SEE ELECTRICAL
	NEW SUSPENDED LIGHT FIXTURE. SEE ELECTRICAL
	EXIT LIGHT. SEE ELECTRICAL
	TUBE LIGHTING. SEE ELECTRICAL

NOTE:
 1. EXISTING GLUE LAM. BEAM TO BE SANDED, FILLED AND PAINTED
 2. EXISTING WOOD CEILING TO BE SANDED PREP'D AND PAINTED

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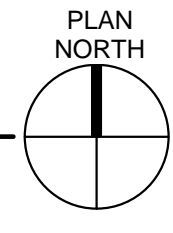
MARK	DATE	DESCRIPTION

ASA PROJECT NO.: Project Number
 PROJECT NO.: 19104L
 DRAWN BY: Author
 CHECKED BY: Checker
 SHEET TITLE:

CEILING PLAN

SHEET NO:
A-102

1 NEW CEILING PLAN
 SCALE: 1/4" = 1'-0"



7/8/2019 4:41:20 PM

ROOF GENERAL NOTES

- A. REFERENCE ROOFING DETAILS. IT IS THE RESPONSIBILITY OF THE ROOFING CONTRACTOR TO PROVIDE AND INSTALL APPROVED ROOFING DETAILS PER MANUFACTURER'S WARRANTY REQUIREMENTS.
- B. ALL PLUMBING VENT STACKS WITHIN 10 LINEAR FEET OF A SUPPLY AIR UNIT SHALL BE EXTENDED TO A MINIMUM OF 5 VERTICAL FEET ABOVE THE HIGHEST POINT OF THE ADJACENT AHU. STACKS SHALL BE BRACED WITH GUIDE WIRES. THESE SUCH WIRES SHALL BE PROPERLY TIED TO THE METAL DECK WITH EYE BOLTS, AND MUST BE PROPERLY FLASHED.
- C. UNLESS OTHERWISE NOTED, ALL EXPOSED PIPING ABOVE THE ROOF PLANE SHALL BE PRIMED AND PAINTED TO MATCH THE ROOF SURFACE, ALL EXTERIOR GAS PIPING SHALL BE PRIMED AND PAINTED O.S.H.A. YELLOW ON ROOF AND PAINTED COLOR AS SELECTED BY ARCHITECT WHERE VISIBLE FROM GROUND. LABEL NO LESS THAN 20'-0" INCREMENTS ON CENTER WITH CLEAR BLOCK LETTERING "NATURAL GAS" OR "PROPANE" AS IS APPROPRIATE FOR THE FUEL TYPE FOR ENTIRE LENGTH OF GAS PIPING ABOVE GRADE. PAINTING CONTRACTOR IS RESPONSIBLE FOR THE REVIEW OF ALL DRAWINGS & SPECIFICATIONS INDICATING EXPOSED PIPING. ALL REQUIRED PAINTING OF EXPOSED PIPING SHALL BE CONSIDERED INCLUDED IN THE CONTRACT.
- D. PARAPET CAP/EDGE SECUREMENT SHALL MEET ALL REQUIREMENTS AS OUTLINED IN IBC 2015, SECTION 1504.5 EDGE SECUREMENT FOR LOW SLOPE ROOFS. ALL DESIGNS AND INSTALLATIONS SHALL BE TESTED FOR RESISTANCE IN ACCORDANCE WITH ANSI / SPRI ES-1
- E. ALL DOWNSPOUTS WHICH TERMINATE ON A ROOF ARE TO HAVE A 20 GA. GALVANIZED METAL SPLASH GUARD. DOWNSPOUT SPLASH GUARD TO BE SET IN A FULL BED OF MASTIC.
- F. ALL GUTTERS AND DOWNSPOUTS TO BE PRE-FORMED, PRE-FINISHED METAL.

- NOTES:**
- REFER TO MPE DRAWINGS FOR REMOVAL OF EXISTING EQUIPMENT AND COMPONENTS ON ROOF
 - PROVIDE 12" x 36" PRE. FAB. CONC. SPLASHBLOCK AT EA. DOWNSPOUT
 - CONTRACTOR SHALL REPLACE ANY DAMAGED PORTION OF SUB-ROOF PRIOR TO INSTALLATION OF NEW ROOF SYSTEM.
 - CONTRACTOR SHALL INCLUDE THE ABATEMENT OF THE EXISTING ROOF.

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CONSTRUCTION DOCUMENTS
 07/03/19

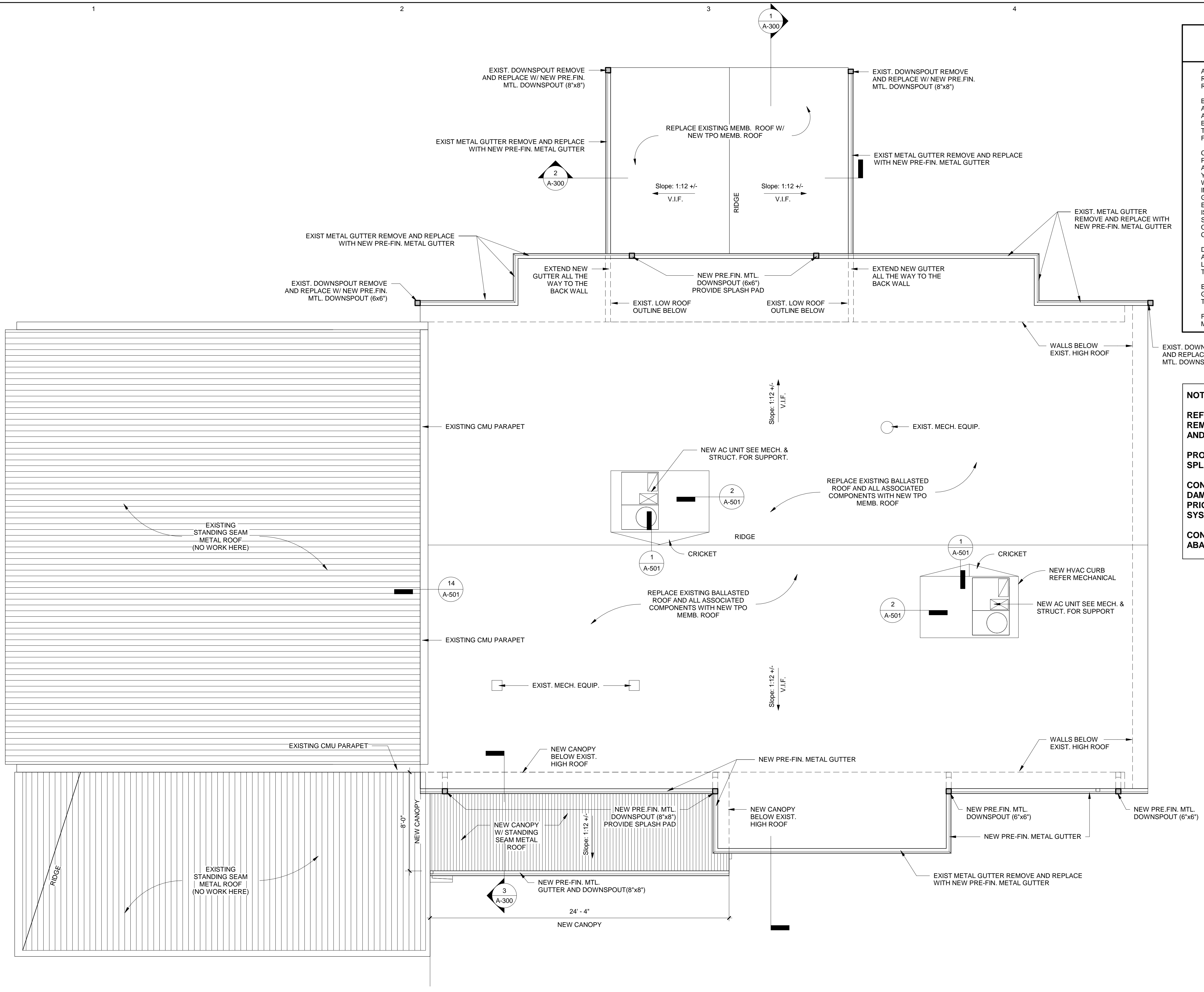
GRANT COUNTY AIRPORT TERMINAL RENOVATION BID# B-20-02
 GRANT COUNTY,
 158 AIRPORT ROAD
 HURLEY, NEW MEXICO

MARK	DATE	DESCRIPTION

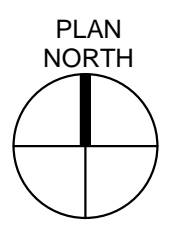
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 PROJECT NO.: 19104L
 DRAWN BY: Author
 CHECKED BY: Checker
 SHEET TITLE:

ROOF PLAN

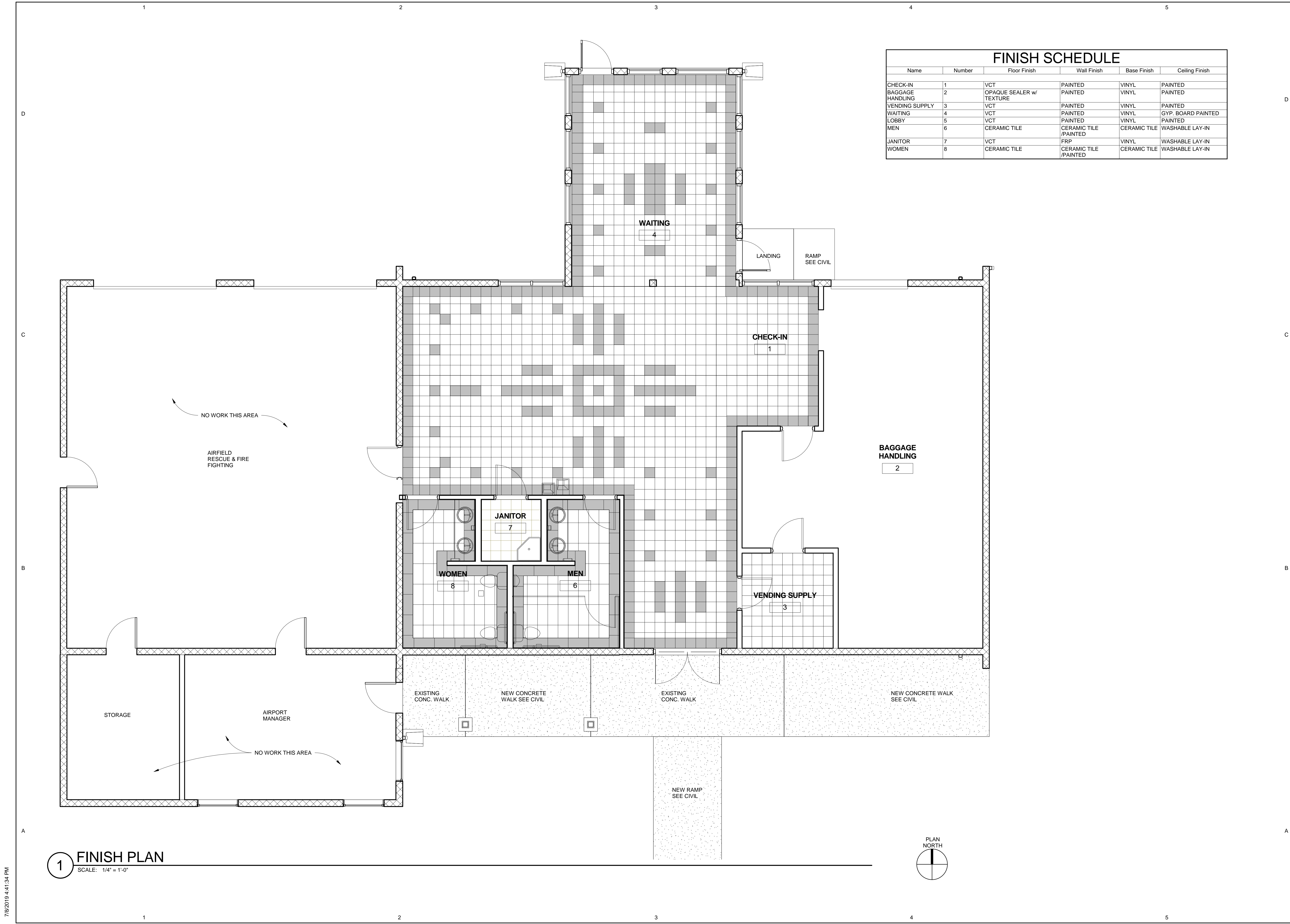
SHEET NO:
A-103



1 NEW ROOF PLAN
 SCALE: 1/4" = 1'-0"



7/8/2019 4:41:28 PM



FINISH SCHEDULE

Name	Number	Floor Finish	Wall Finish	Base Finish	Ceiling Finish
CHECK-IN	1	VCT	PAINTED	VINYL	PAINTED
BAGGAGE HANDLING	2	OPAQUE SEALER w/ TEXTURE	PAINTED	VINYL	PAINTED
VENDING SUPPLY	3	VCT	PAINTED	VINYL	PAINTED
WAITING	4	VCT	PAINTED	VINYL	GYP. BOARD PAINTED
LOBBY	5	VCT	PAINTED	VINYL	PAINTED
MEN	6	CERAMIC TILE	CERAMIC TILE /PAINTED	CERAMIC TILE	WASHABLE LAY-IN
JANITOR	7	VCT	FRP	VINYL	WASHABLE LAY-IN
WOMEN	8	CERAMIC TILE	CERAMIC TILE /PAINTED	CERAMIC TILE	WASHABLE LAY-IN

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**GRANT COUNTY AIRPORT TERMINAL
RENOVATION
BID# B-20-02**

GRANT COUNTY,
158 AIRPORT ROAD
HURLEY, NEW MEXICO

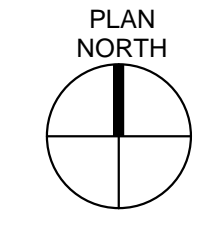
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CHECKED BY: Checker
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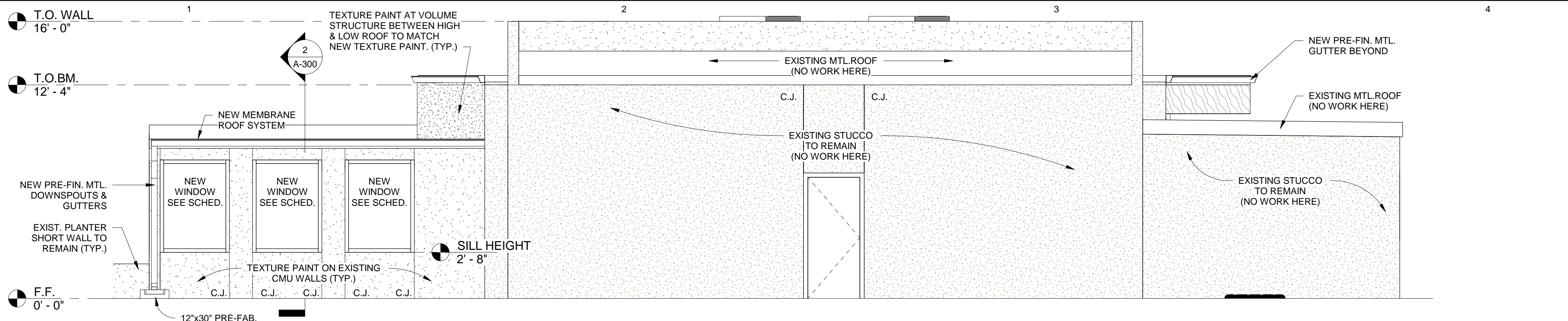
**FINISH PLAN &
FINISH SCHEDULE**

SHEET NO:
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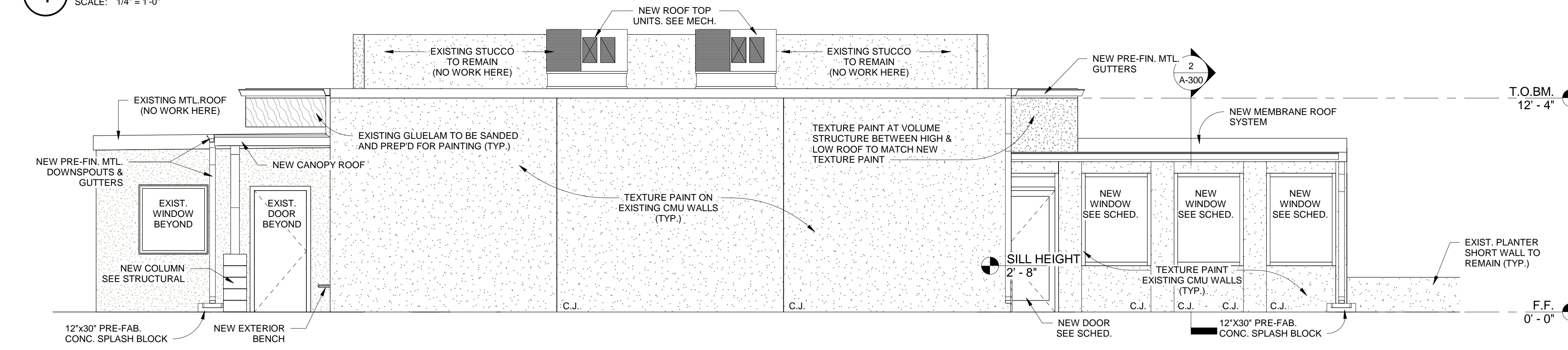
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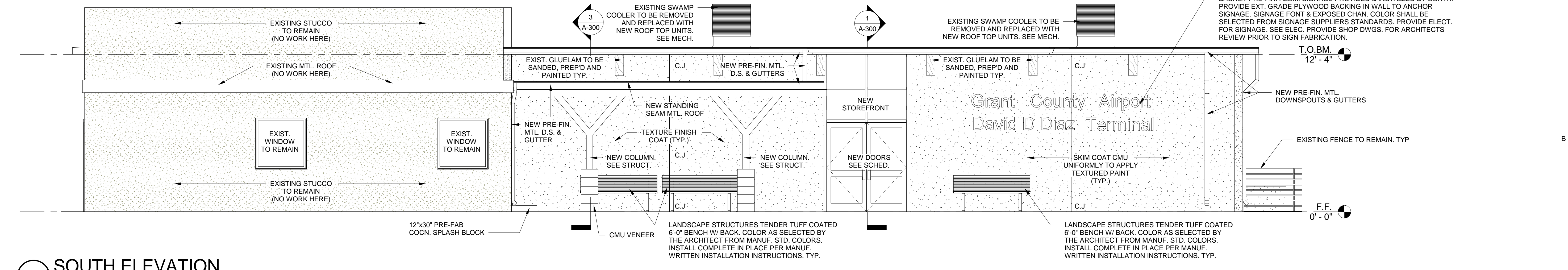
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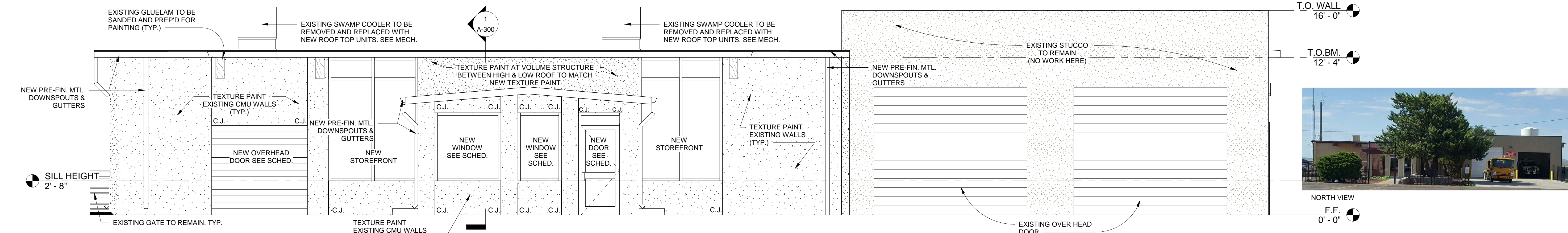
4 WEST ELEVATION
SCALE: 1/4" = 1'-0"



3 EAST ELEVATION
SCALE: 1/4" = 1'-0"



2 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



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



BACKLIT PRE-FIN. ALUM. SIGNAGE PROVIDED & INSTALLED BY CONTR. PROVIDE EXT. GRADE PLYWOOD BACKING IN WALL TO ANCHOR SIGNAGE. SIGNAGE FONT & EXPOSED CHAN. COLOR SHALL BE SELECTED FROM SIGNAGE SUPPLIERS STANDARDS. PROVIDE ELECT. FOR SIGNAGE. SEE ELEC. PROVIDE SHOP DWGS. FOR ARCHITECTS REVIEW PRIOR TO SIGN FABRICATION.



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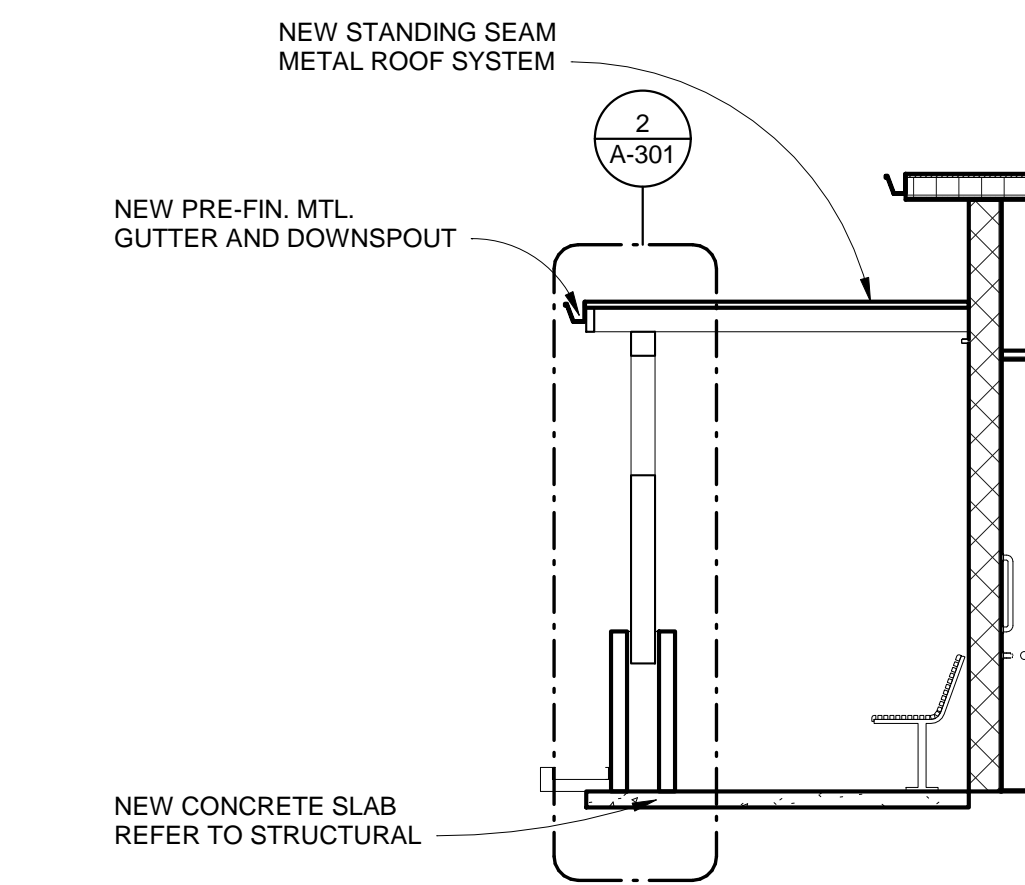
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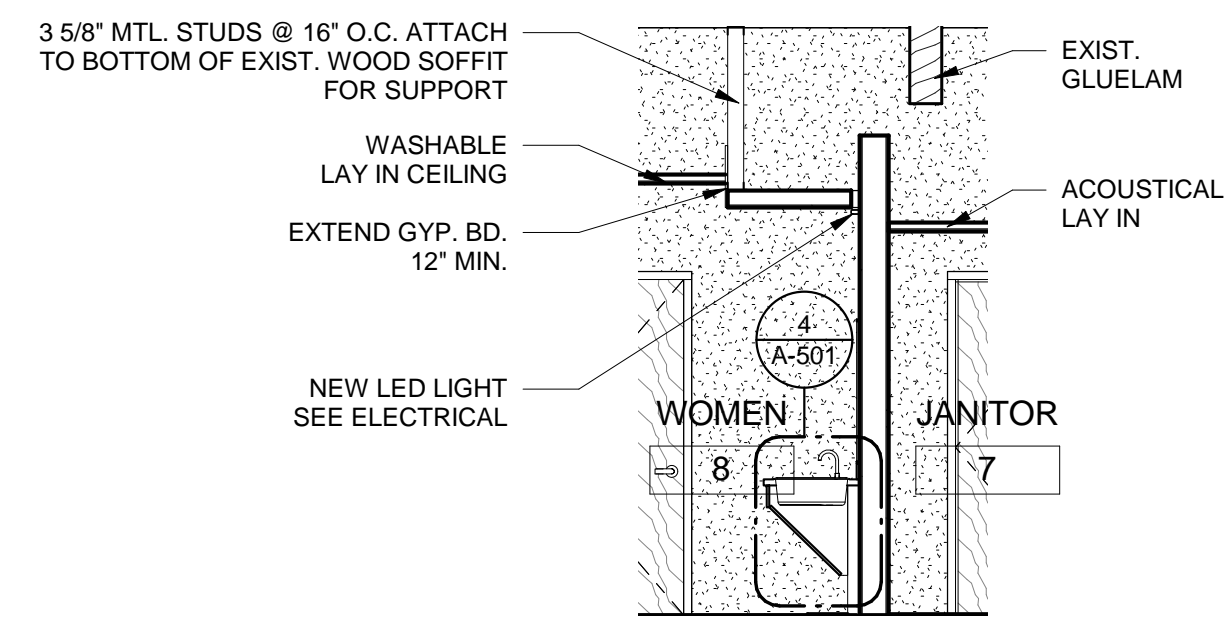
EXTERIOR ELEVATIONS

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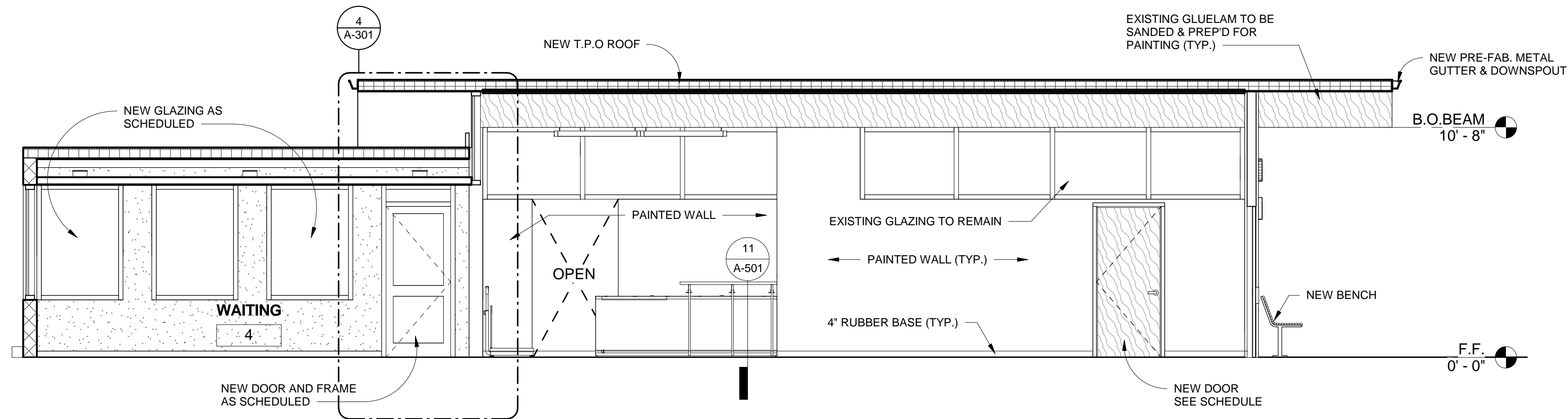
GRANT COUNTY AIRPORT TERMINAL RENOVATION
BID# B-20-02
GRANT COUNTY,
158 AIRPORT ROAD
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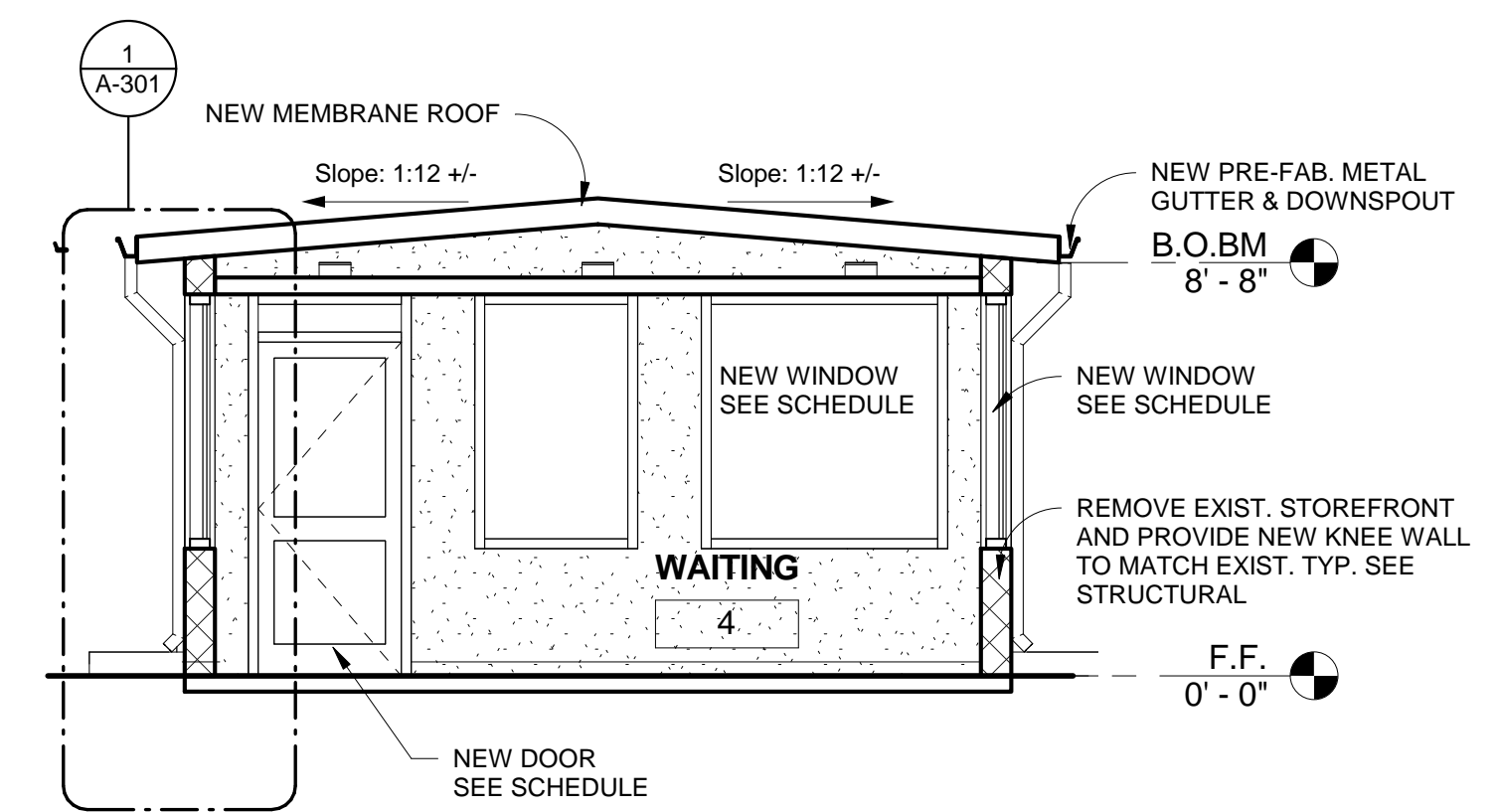
3 PARTIAL BUILDING SECTION
SCALE: 1/4" = 1'-0"



4 SECTION @ RESTROOM
SCALE: 1/4" = 1'-0"



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



2 BUILDING SECTION
SCALE: 1/4" = 1'-0"

MARK	DATE	DESCRIPTION

ASA PROJECT NO.	Project Number
PROJECT NO:	19104L
DRAWN BY:	Author
CHECKED BY:	Checker
SHEET TITLE:	

BUILDING SECTIONS

SHEET NO:
A-300

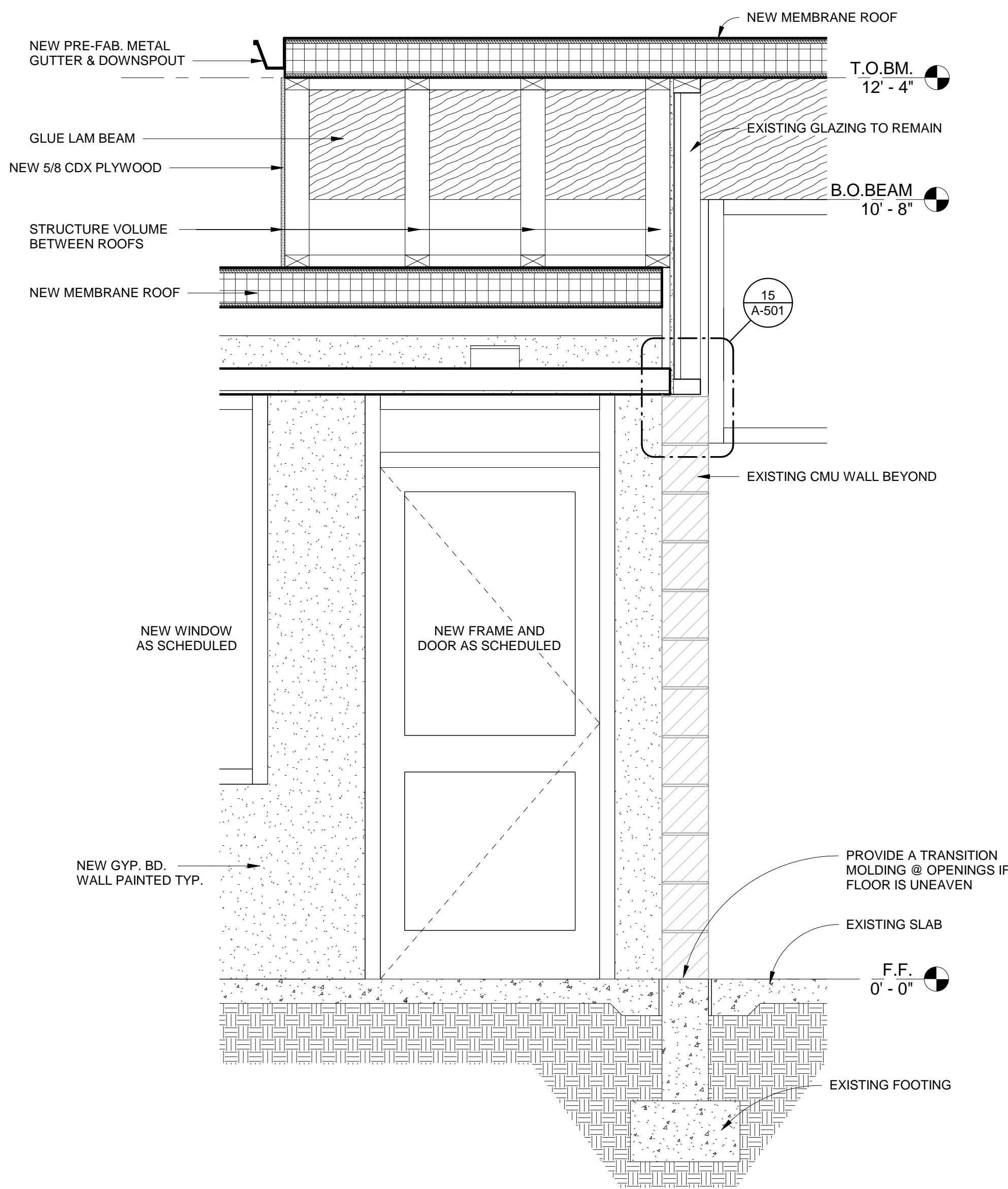
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MARK	DATE	DESCRIPTION

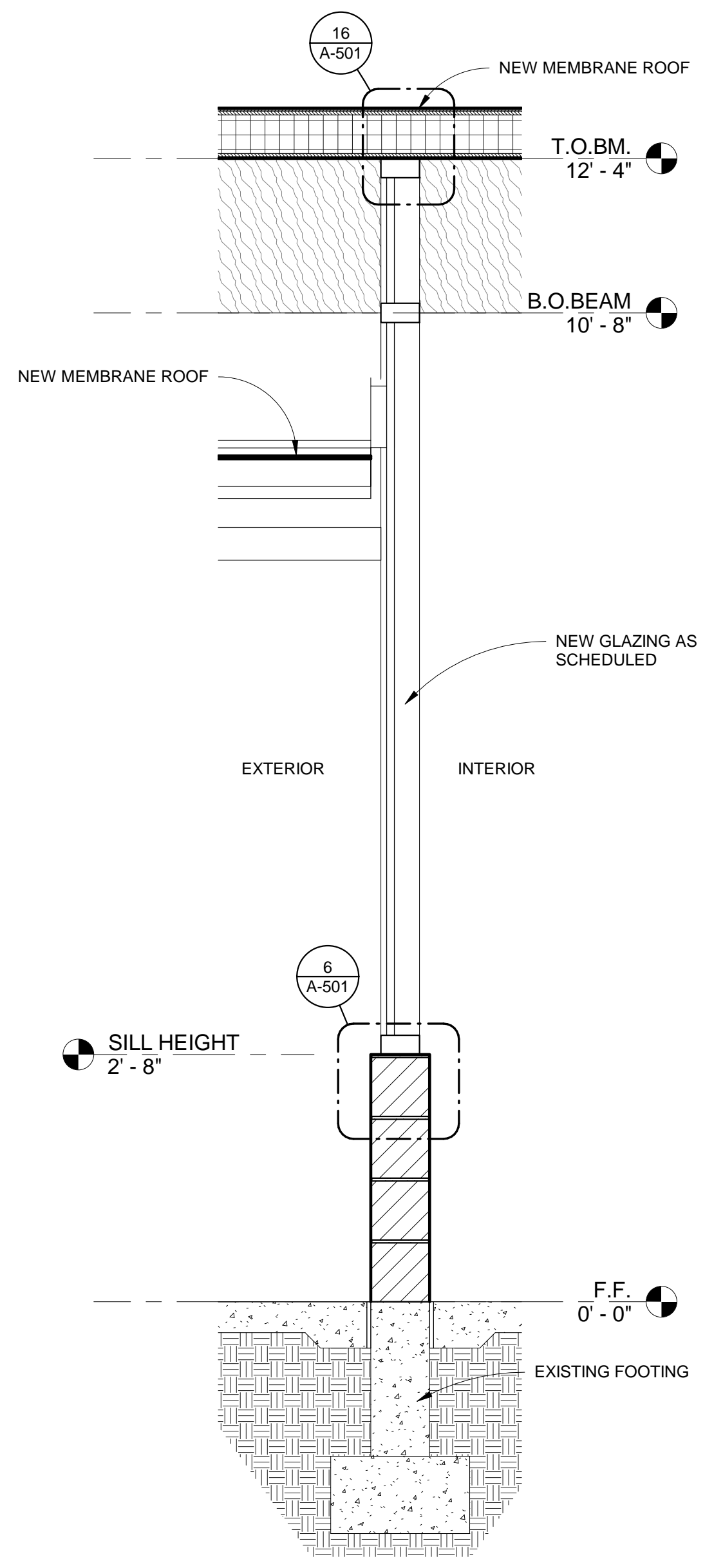
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WALL SECTIONS

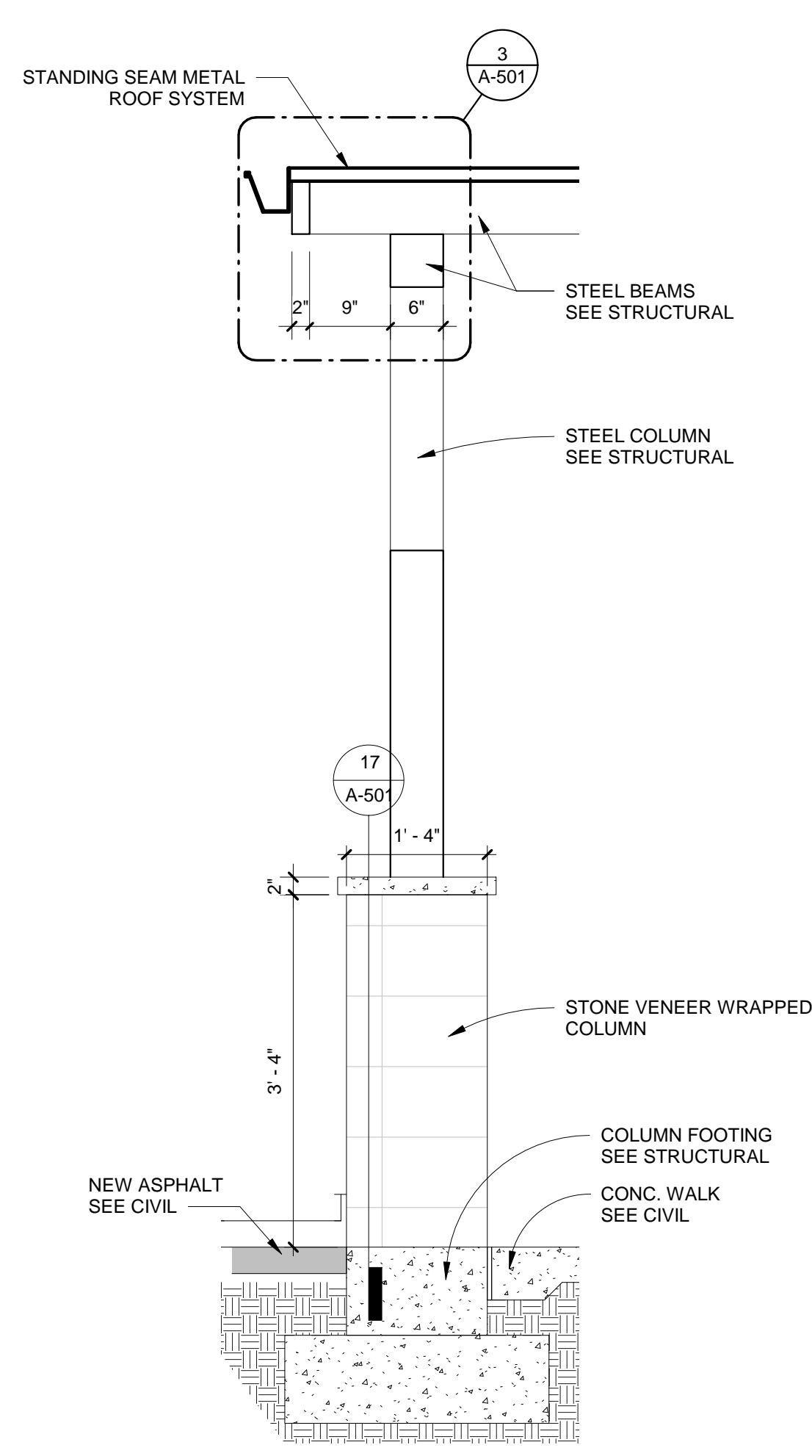
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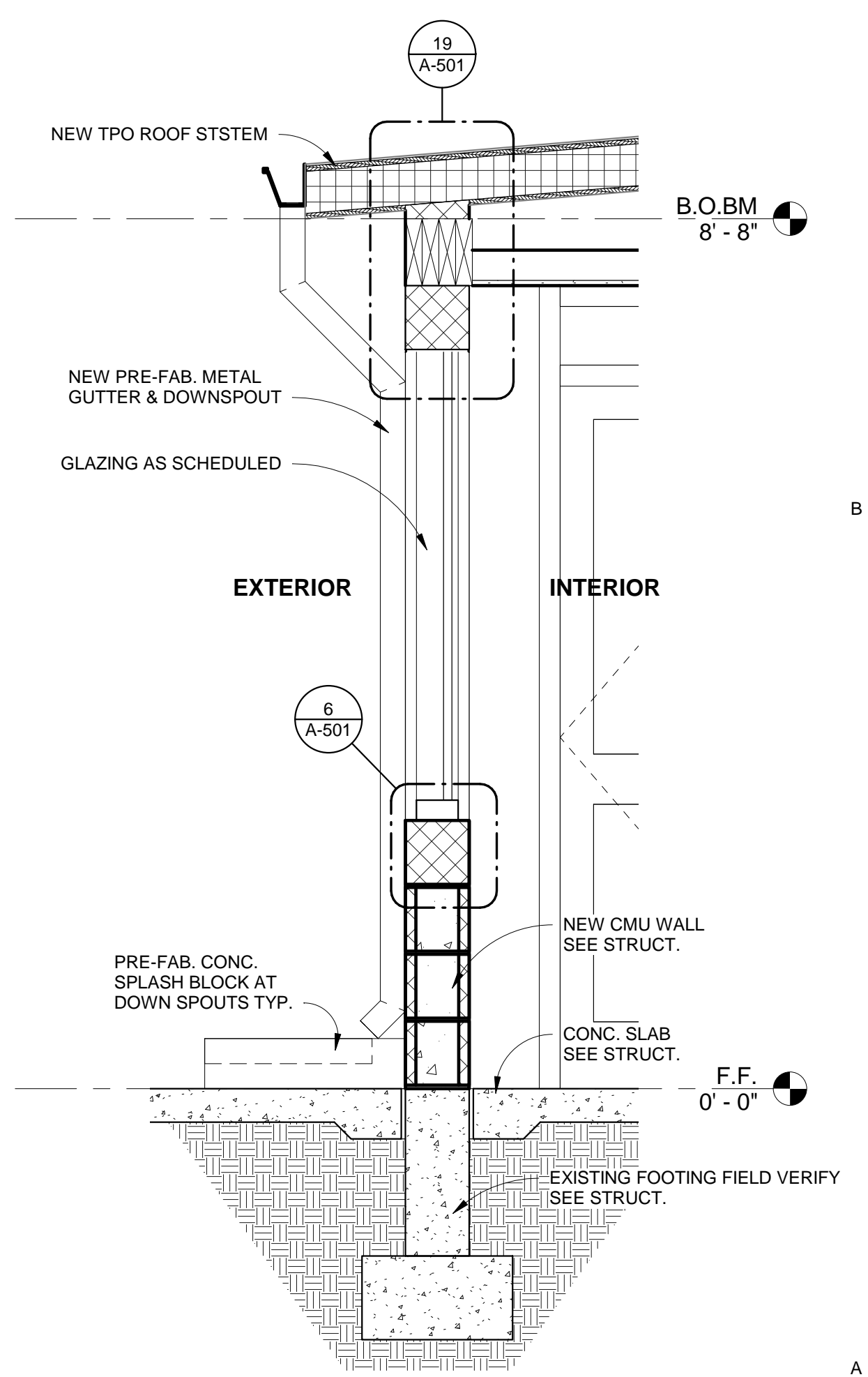
4 WALL SECTION @ OPENING
 SCALE: 3/4" = 1'-0"



3 WALL SEC. W/ WINDOW CONDITION
 SCALE: 3/4" = 1'-0"



2 COLUMN SECTION
 SCALE: 3/4" = 1'-0"



1 WALL SECTION
 SCALE: 3/4" = 1'-0"

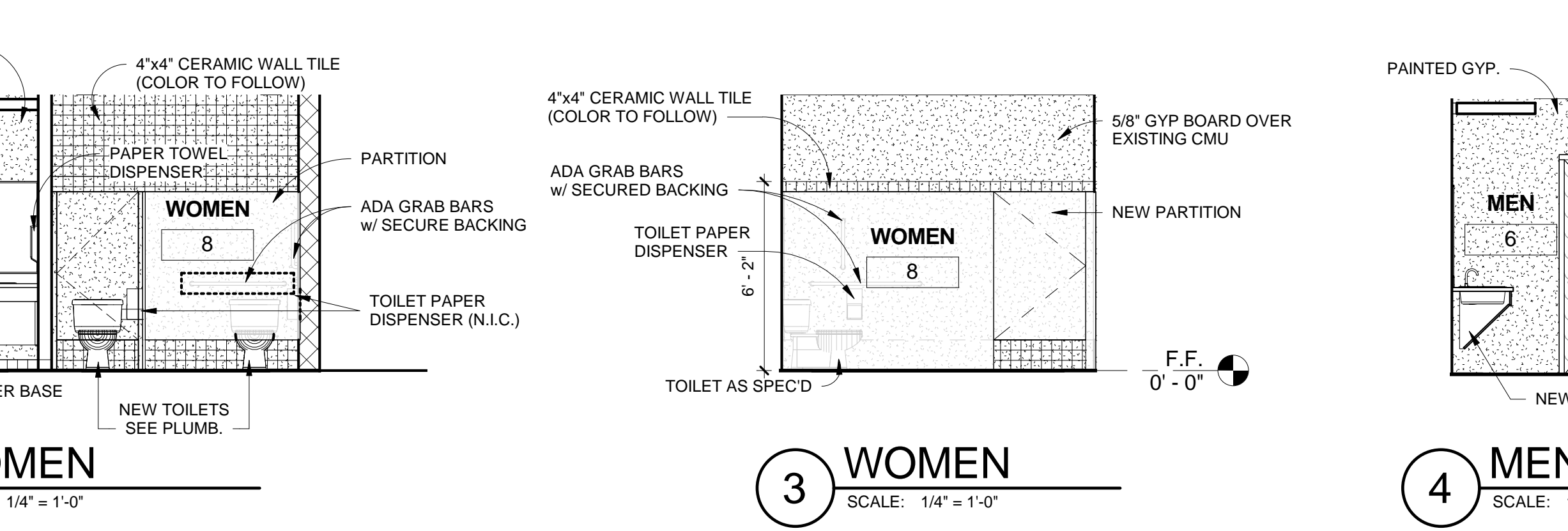
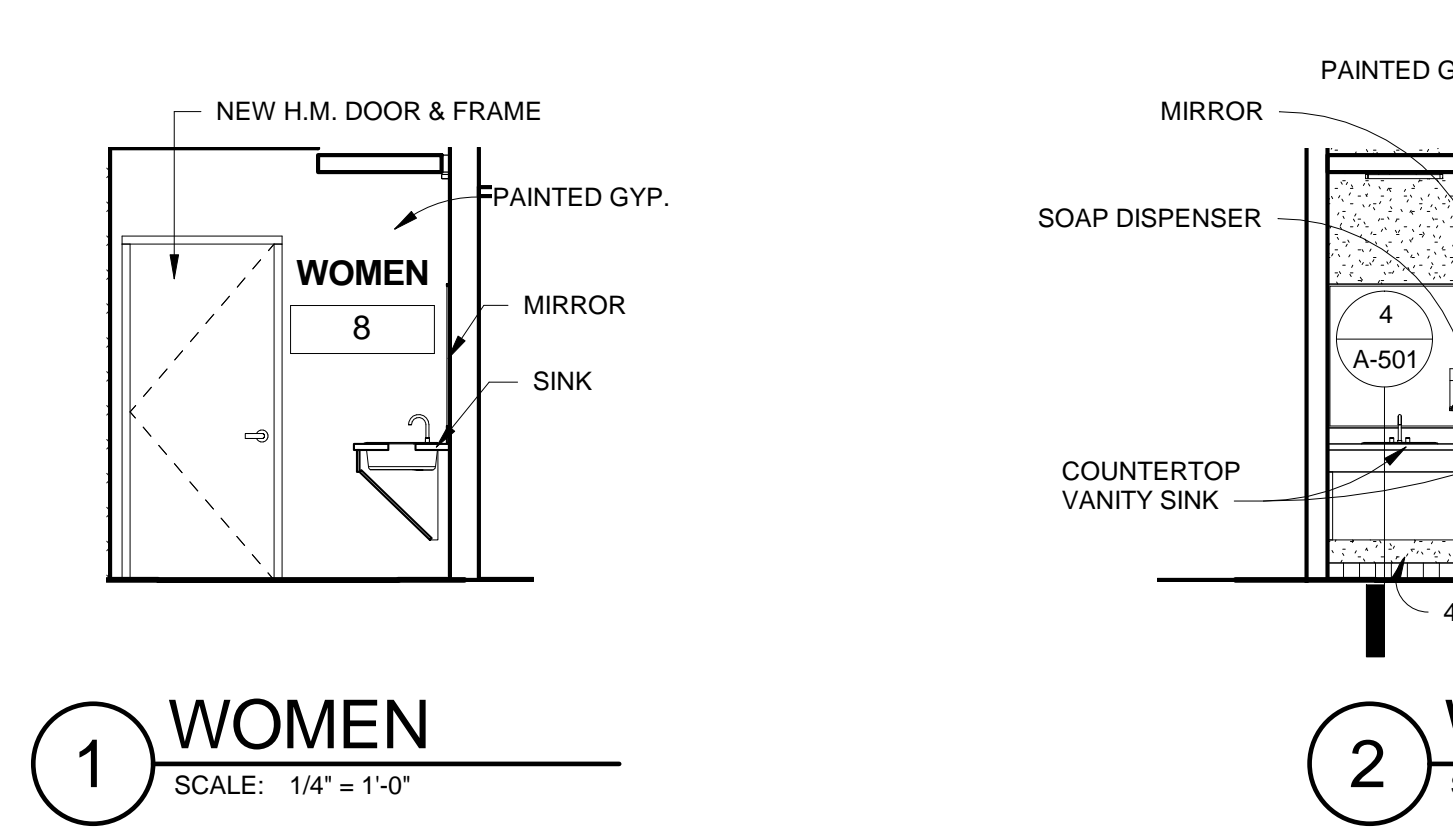
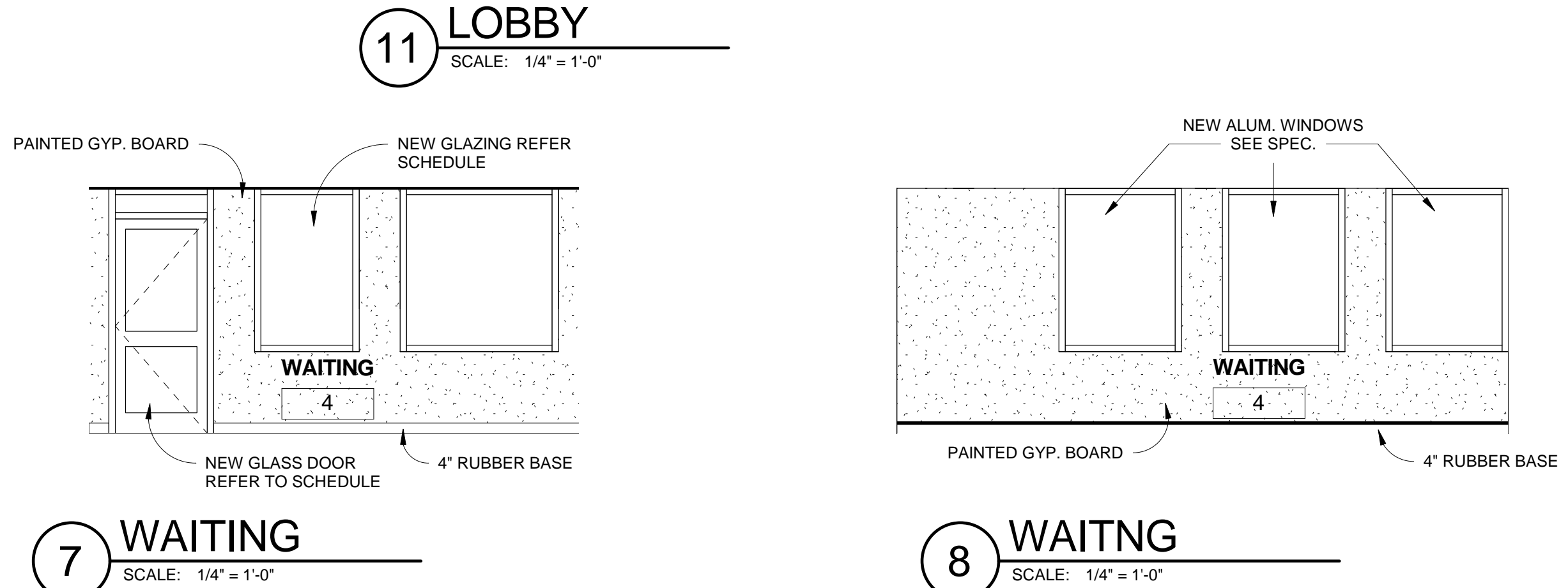
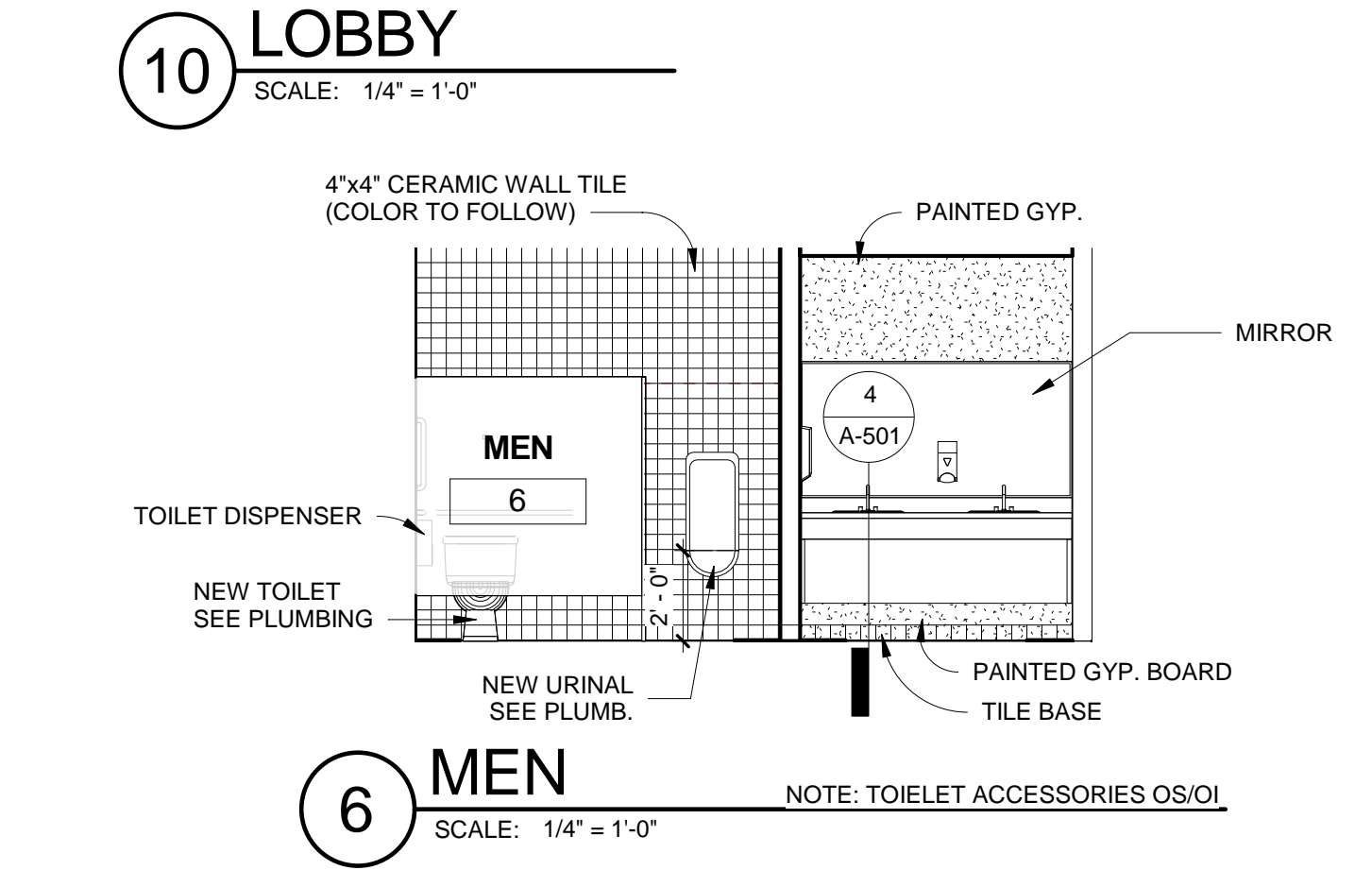
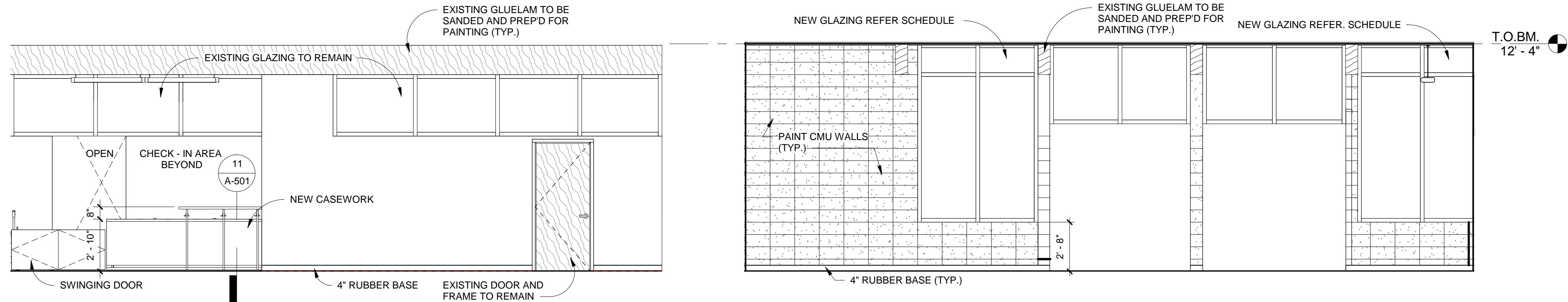
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MARK	DATE	DESCRIPTION

ASA PROJECT NO.	Project Number
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SHEET TITLE:	

INTERIOR ELEVATIONS

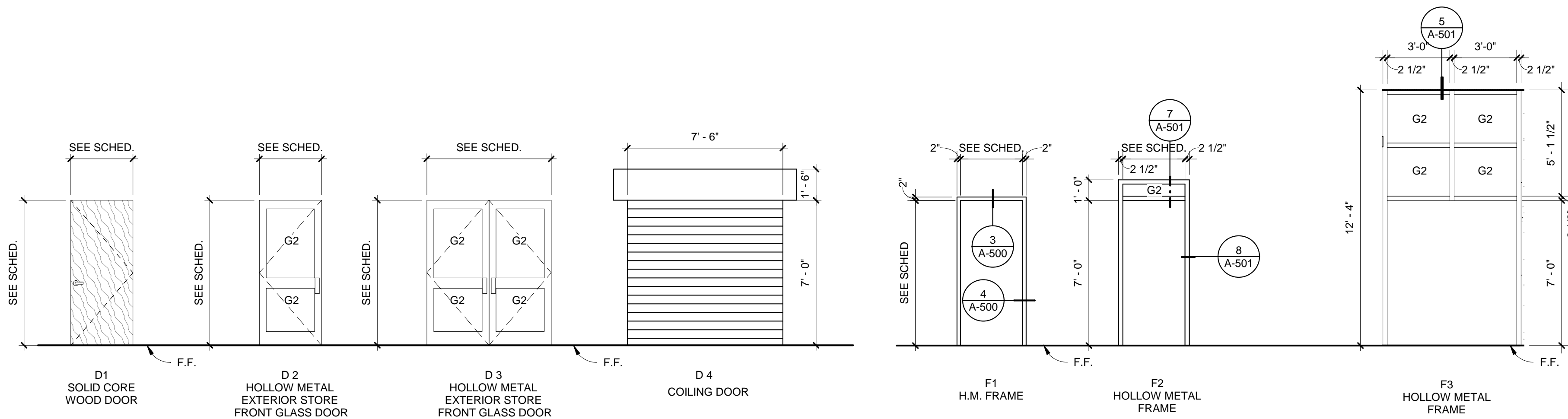
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GLAZING DESIGNATIONS:

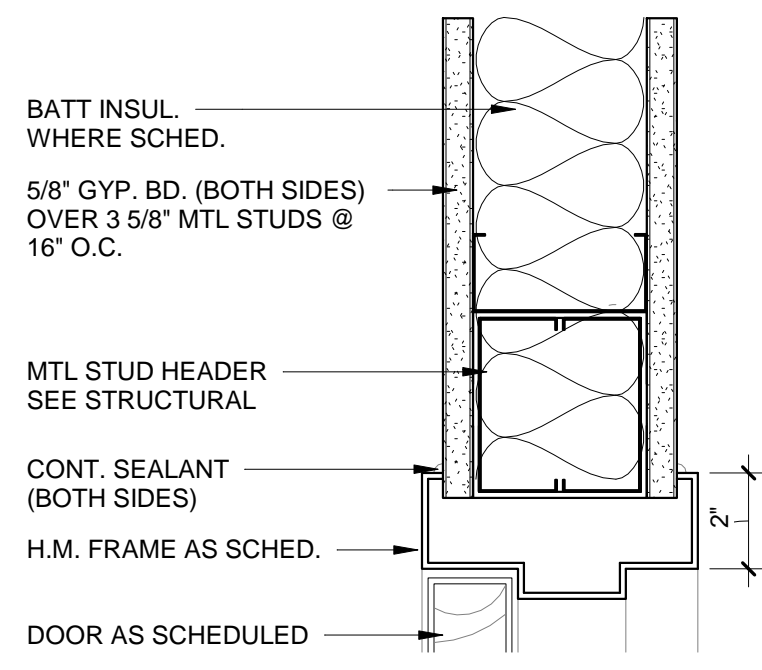
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G2	1"	TINTED INSUL. TEMP. GLASS
G3	1/4"	CLEAR GLASS
G4	1/4"	CLEAR TEMP. GLASS

DOOR SCHEDULE														
DOOR NO.	ROOM NAME	DOOR SIZE			DOOR		FRAME			DETAILS		FIRE RATED	FIRE LABEL	REMARKS
		WIDTH	HEIGHT	THK	TYPE	HDWR	TYPE	HEAD	JAMB	THRESHOLD				
1-A	CHECK-IN	3'-0"	7'-0"	0'-1 3/4"	D1		F1	3/A-500	4/A-500					
2-A	BAGGAGE HANDLING	7'-6"	7'-0"	0'-3"	D4									COILING DOOR
3-A	VENDING SUPPLY	3'-0"	7'-0"	0'-1 3/4"	D1		F1	3/A-500	4/A-500					
3-B	VENDING SUPPLY	3'-0"	7'-0"	0'-1 3/4"	D1		F1	3/A-500	4/A-500					
4-A	WAITING	3'-0"	7'-0"				F2							
4-B	WAITING	3'-0"	7'-0"											
5-A	AIRFIELD RESCUE & FIRE FIGHTING	6'-3"	7'-0"	0'-1 3/4"	D3		F3							
5-B	AIRFIELD RESCUE & FIRE FIGHTING	3'-0"	7'-0"	0'-1 3/4"										
6-A	MEN	3'-0"	7'-0"	0'-1 3/4"	D1		F1	3/A-500	4/A-500					
7-A	JANITOR	3'-0"	7'-0"	0'-1 3/4"	D1		F1	3/A-500	4/A-500					
8-A	WOMEN	3'-0"	7'-0"	0'-1 3/4"	D1		F1	3/A-500	4/A-500					

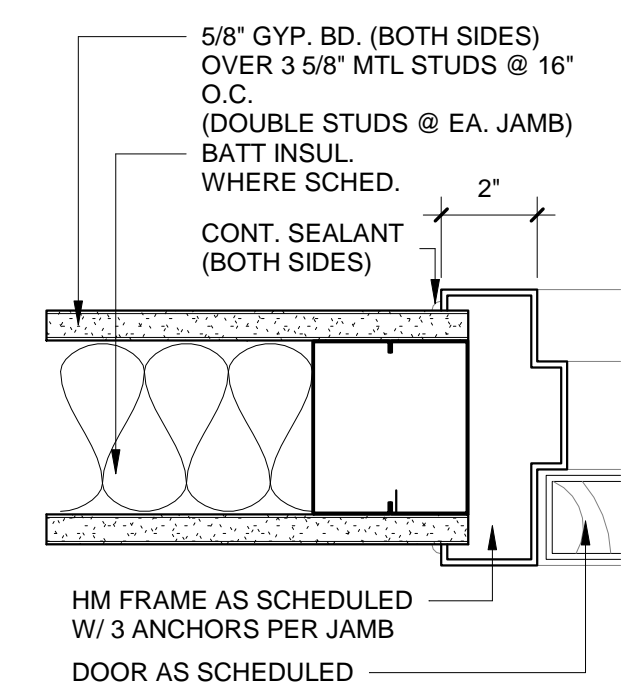


DOOR TYPES

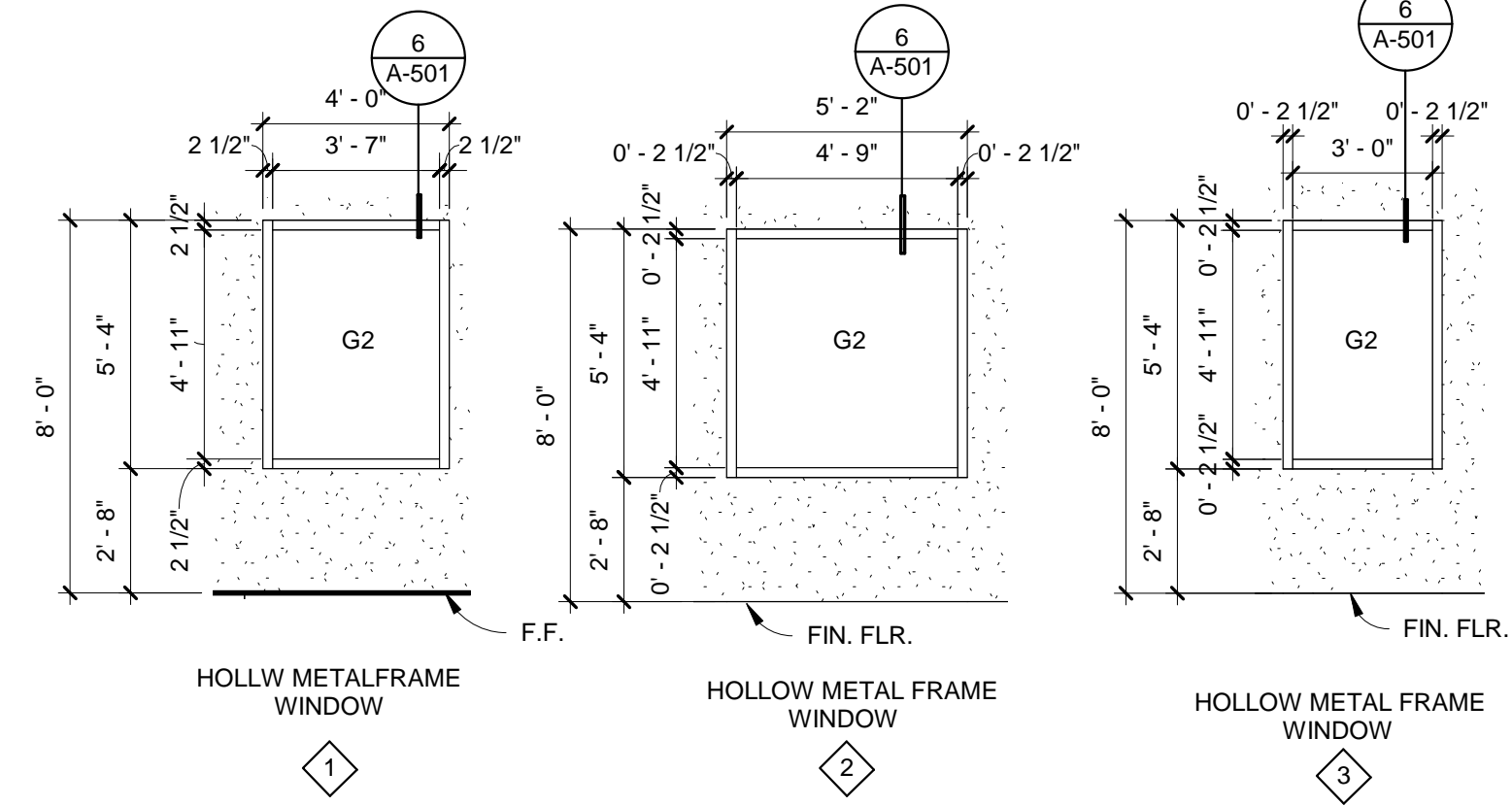
FRAME TYPES



3 HEAD DETAIL
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4 JAMB DETAIL
SCALE: 3" = 1'-0"



WINDOW TYPES

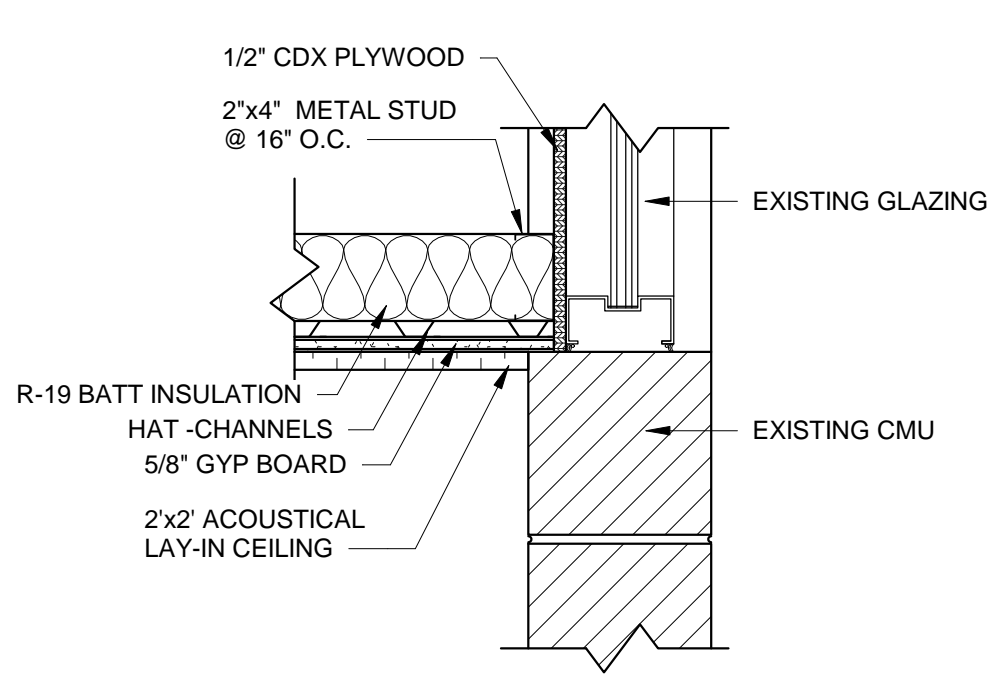
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PROJECT NO.	19104L
DRAWN BY:	Author
CHECKED BY:	Checker
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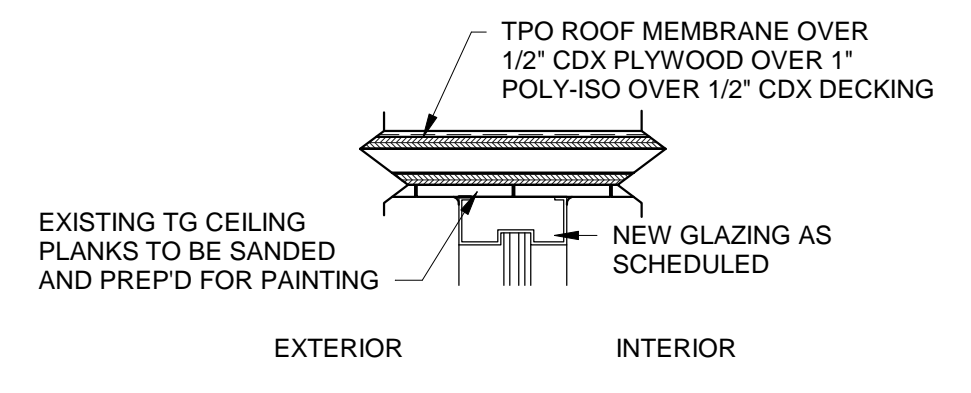
DOOR SCHEDULE & DETAILS

SHEET NO:
A-500

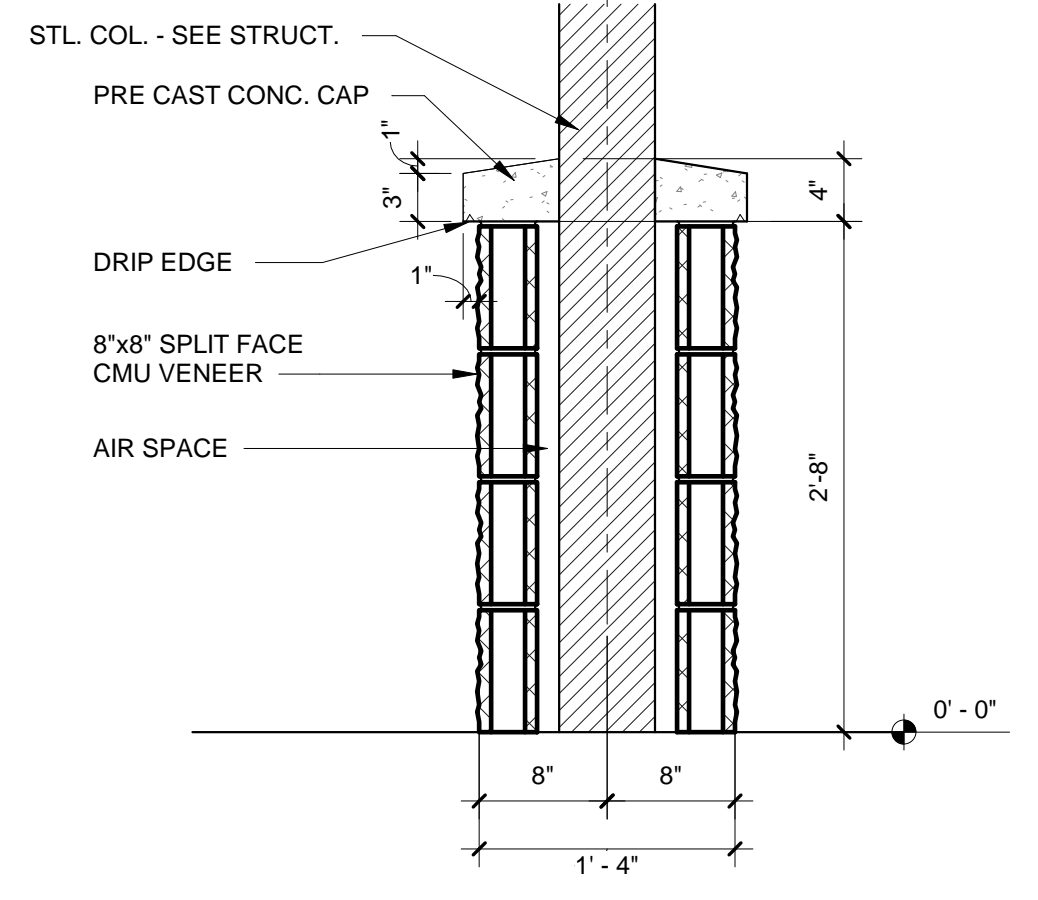
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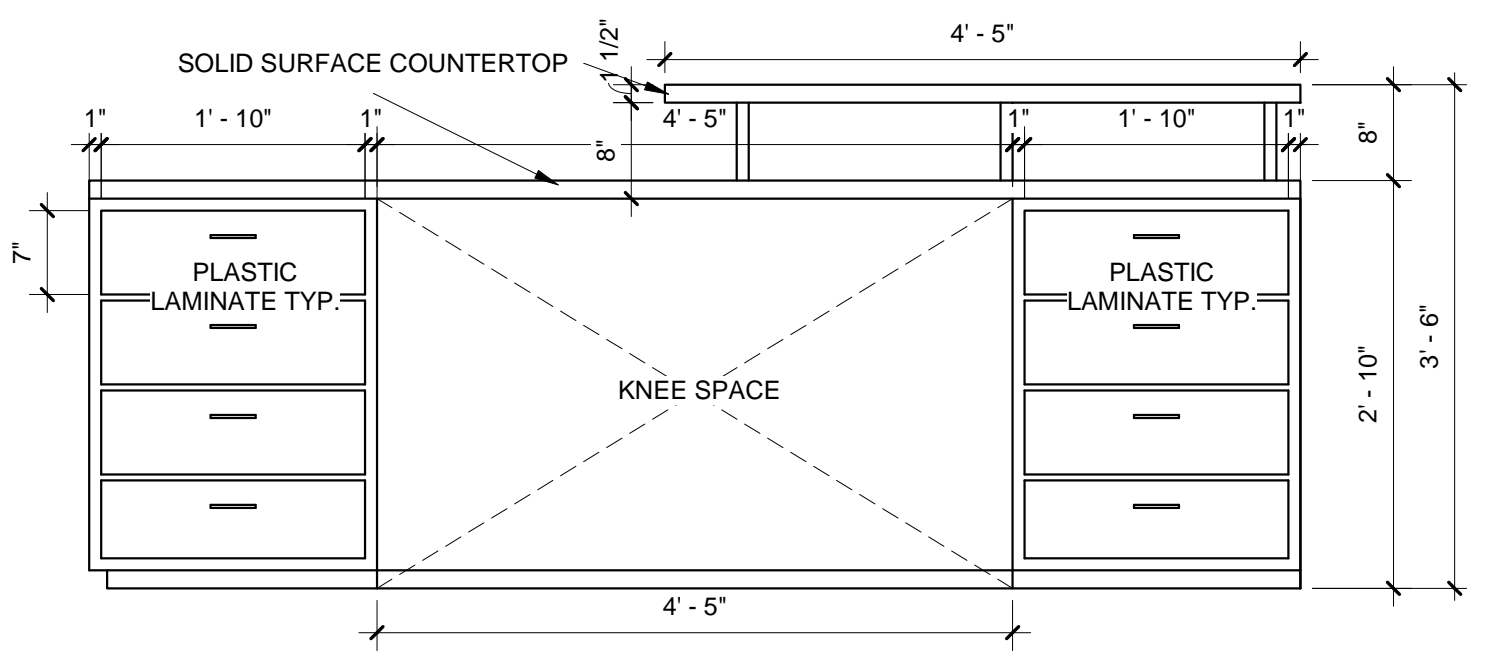
15 CEILING DETAIL
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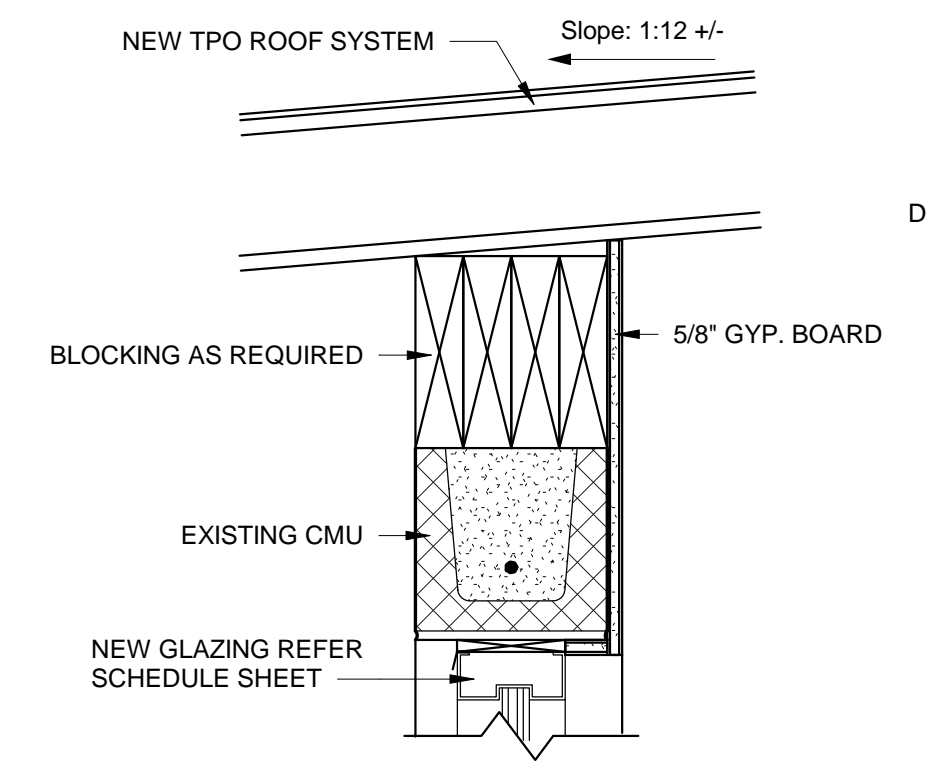
16 Glazing to Roof
SCALE: 1 1/2" = 1'-0"



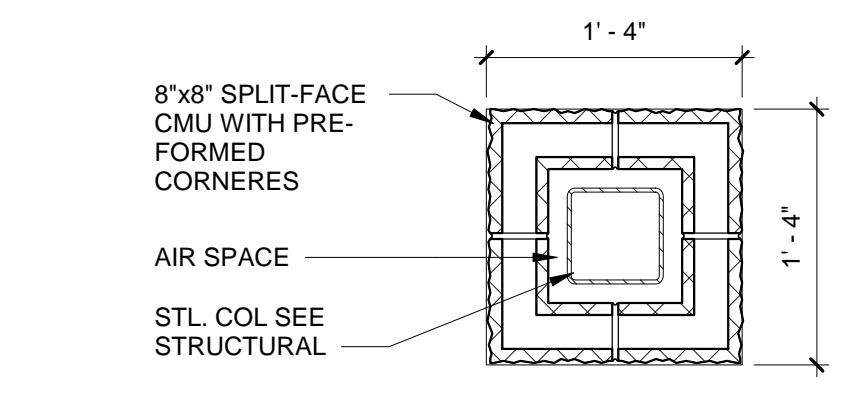
17 COLUMN DETAIL - SECTION
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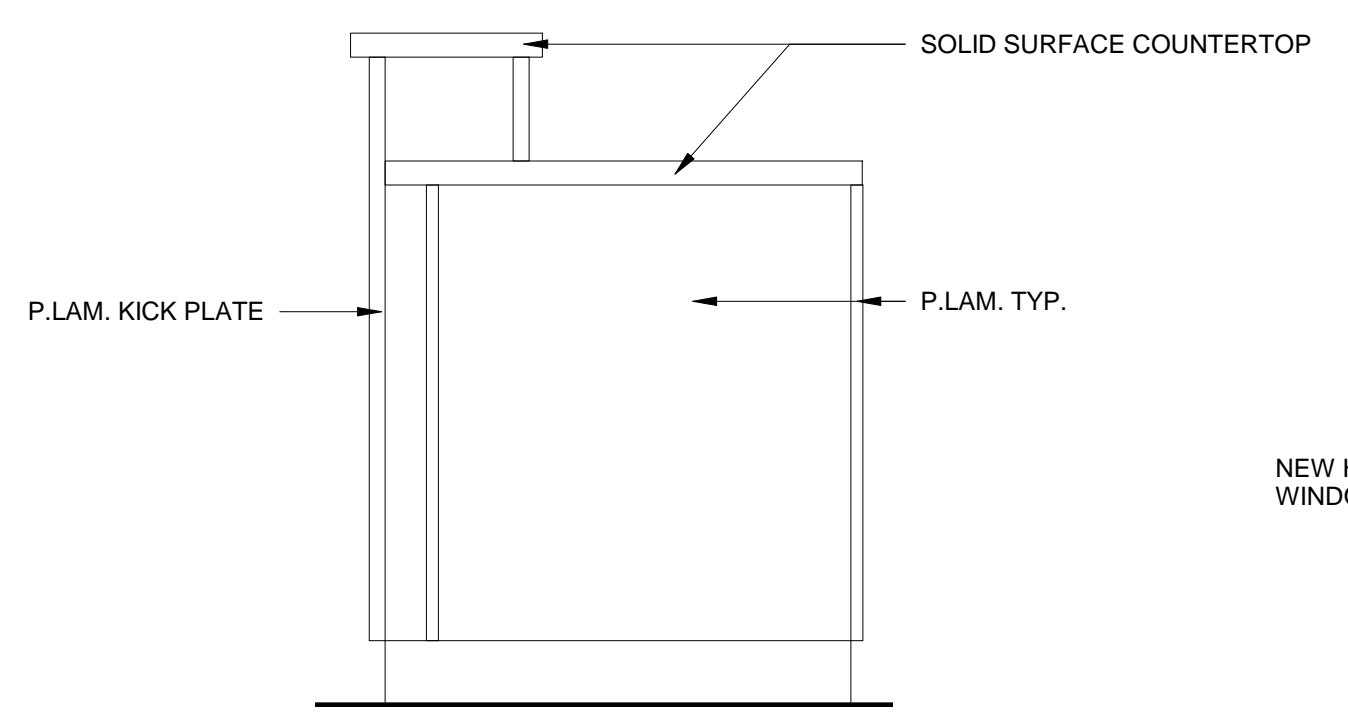
18 CASEWORK DETAIL
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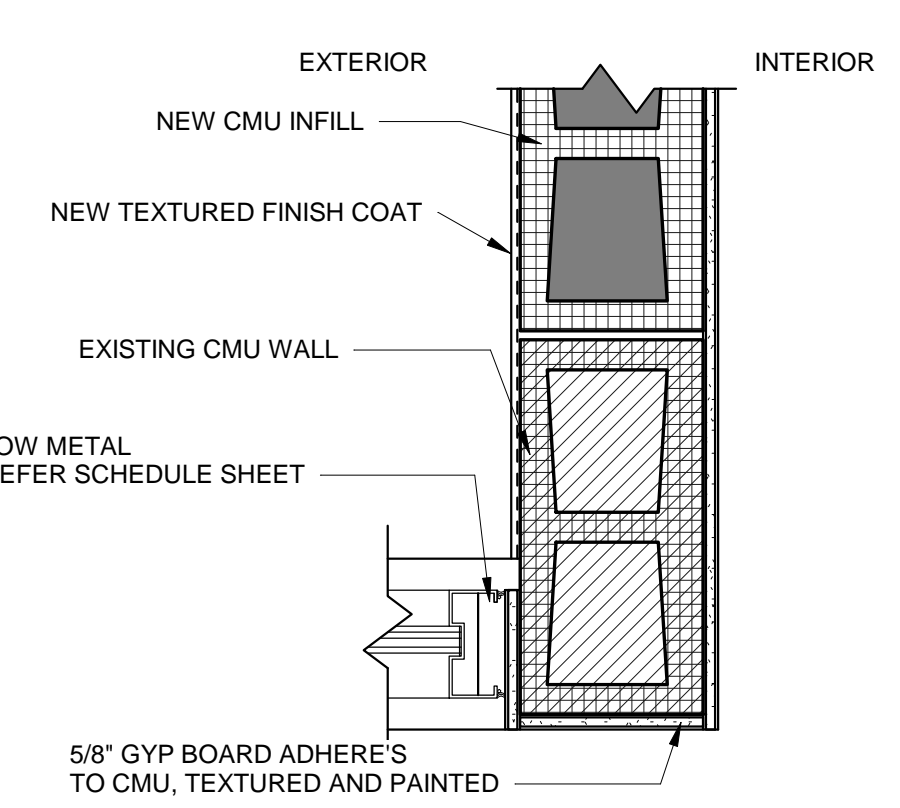
19 GLAZING DETAIL
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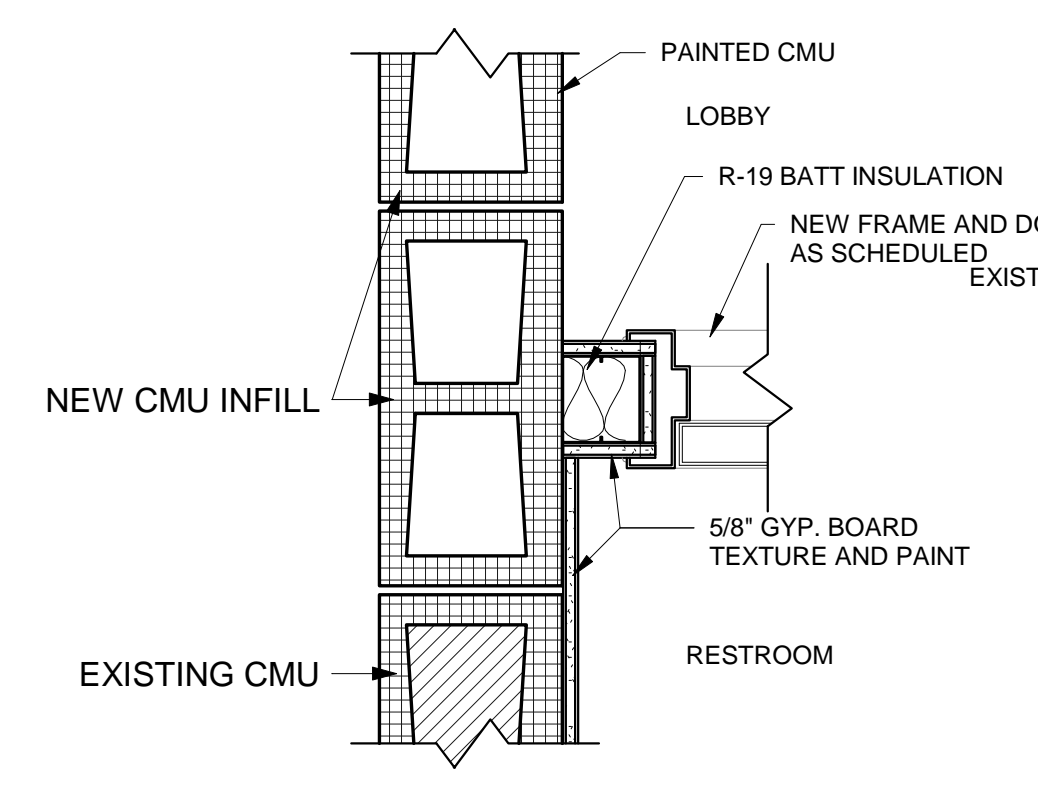
10 COLUMN DETAIL - PLAN
SCALE: 1" = 1'-0"



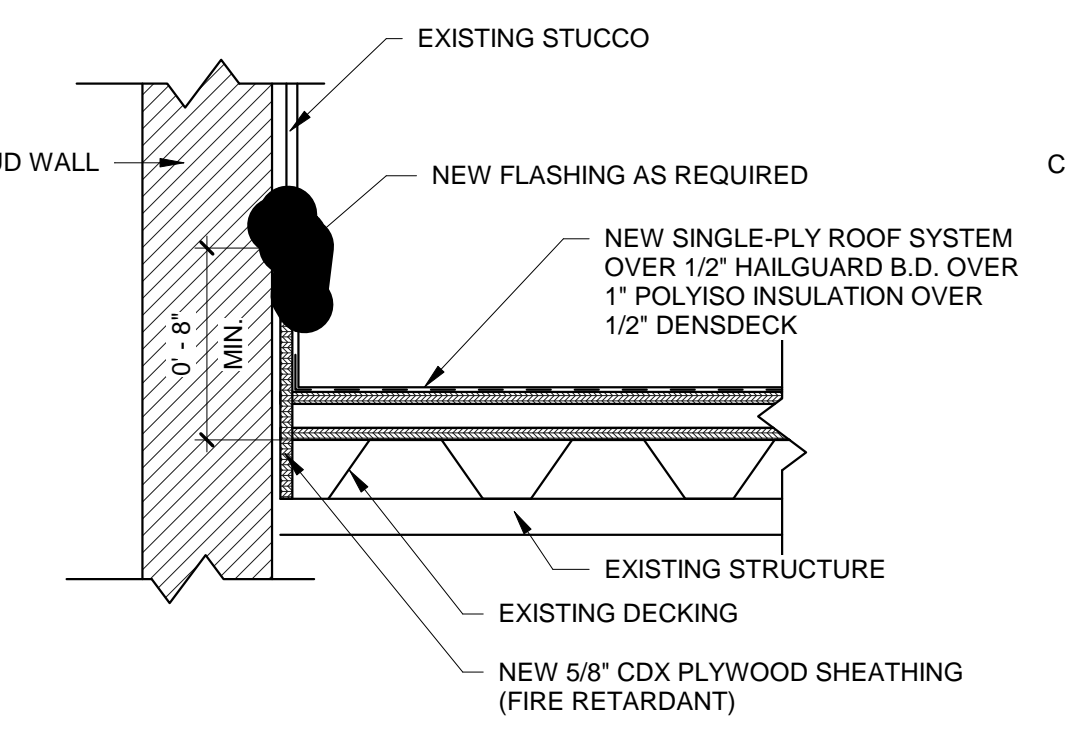
11 COUNTER DETAIL-SECTION
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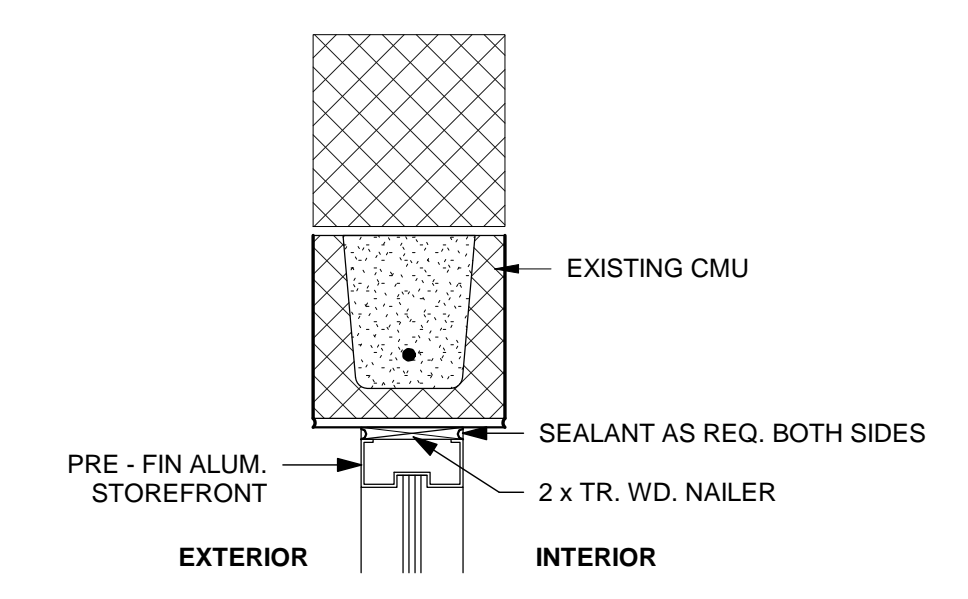
12 DETAIL
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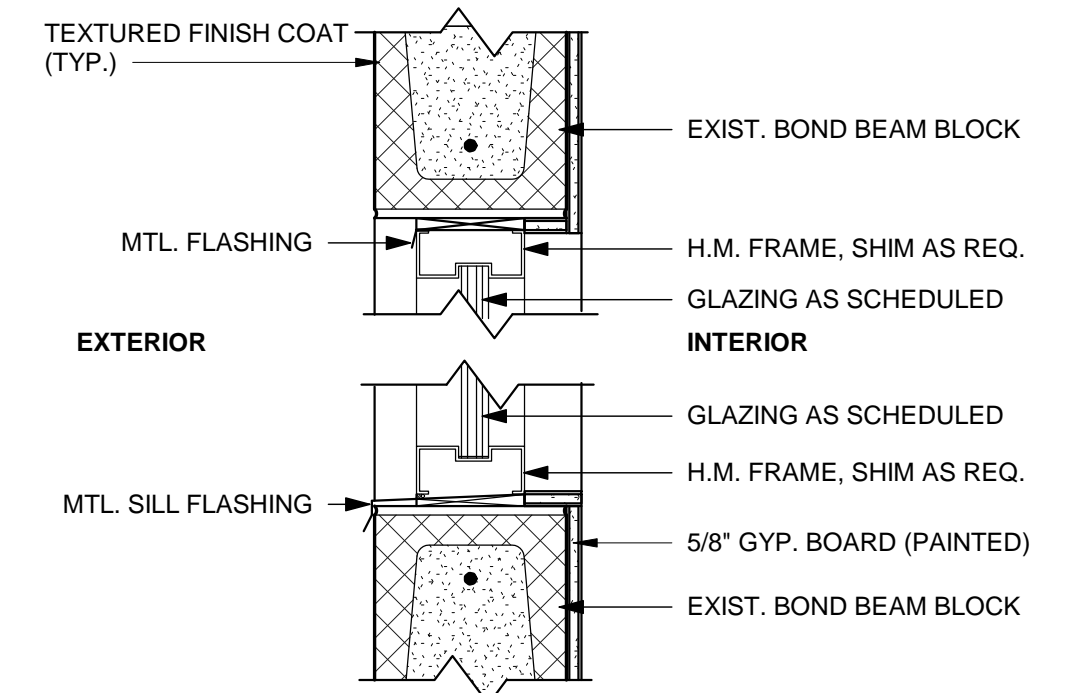
13 NEW WALL TO INFILL
SCALE: 1 1/2" = 1'-0"



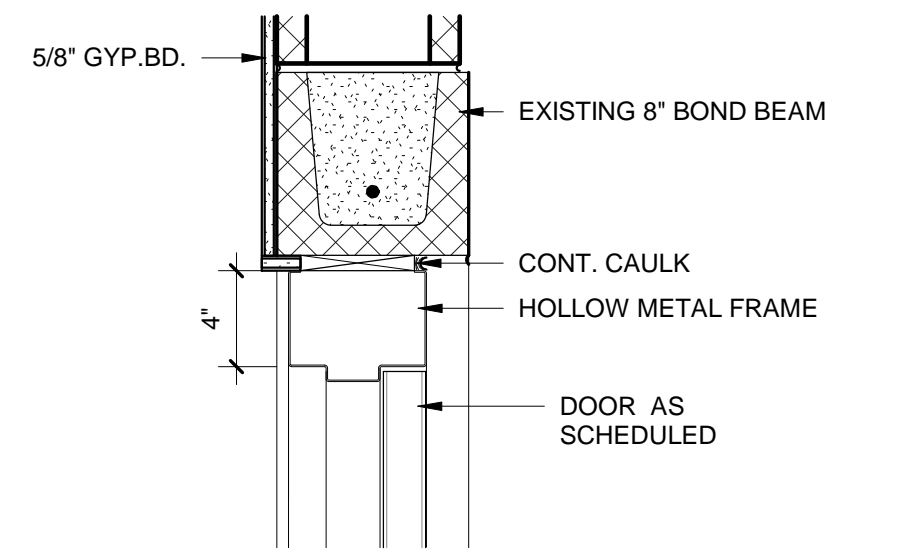
14 FLASHING DETAIL
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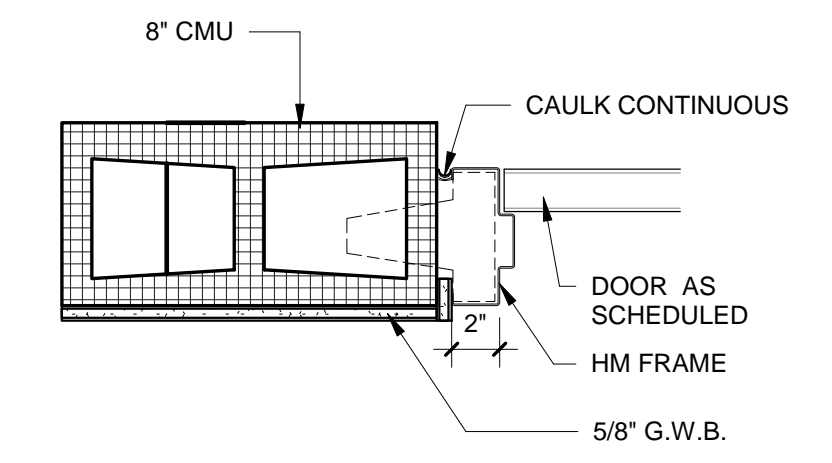
5 STOREFRONT HEAD DTL.
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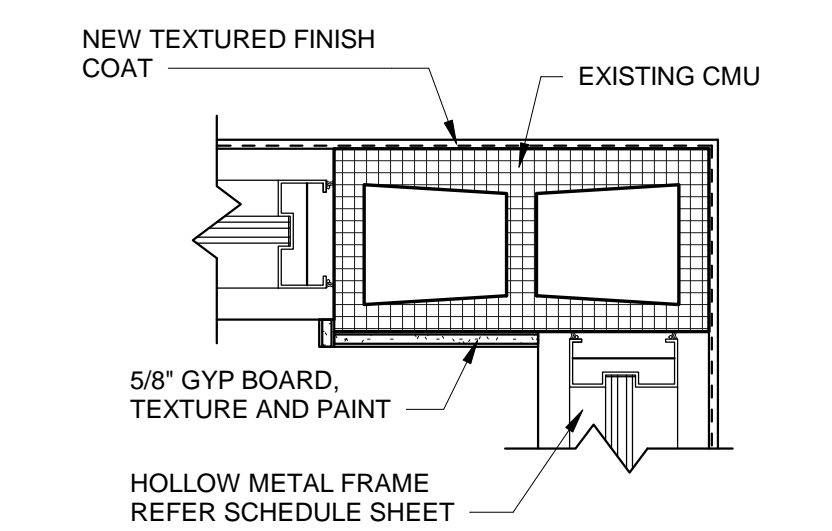
6 WINDOW HEAD & SILL DTL
SCALE: 1 1/2" = 1'-0"



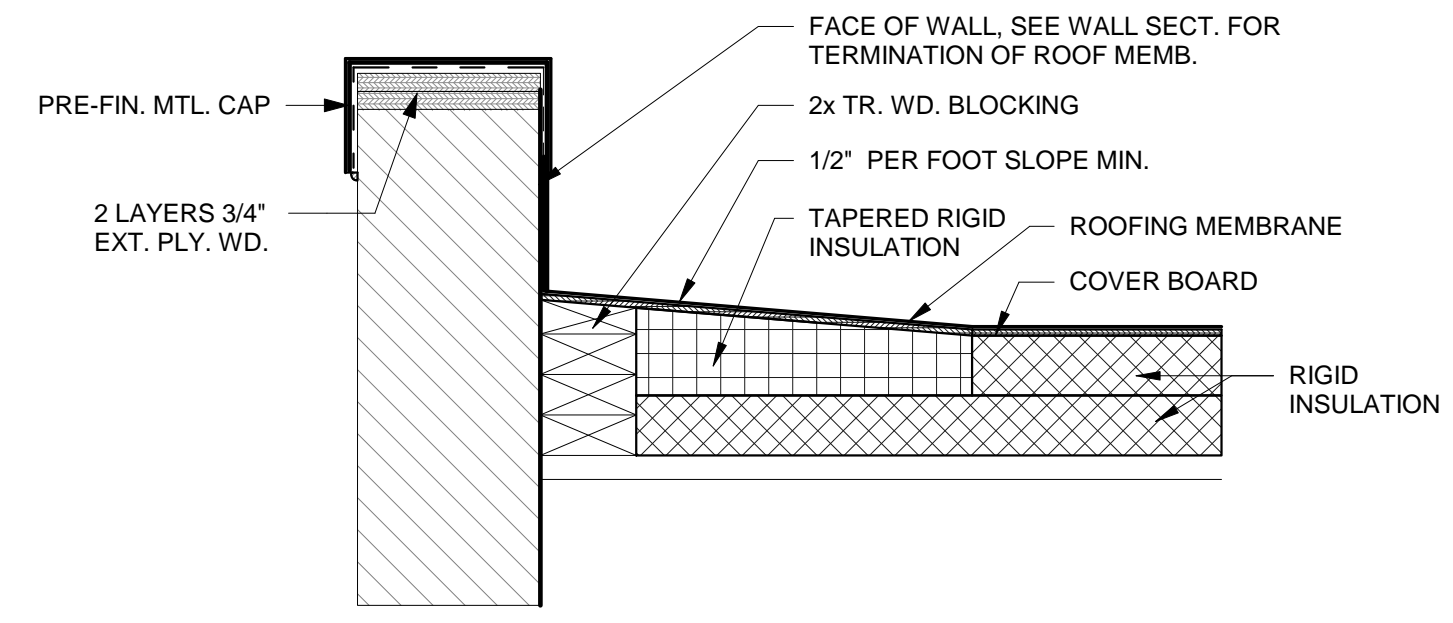
7 DOOR DETAIL - SECTION
SCALE: 1 1/2" = 1'-0"



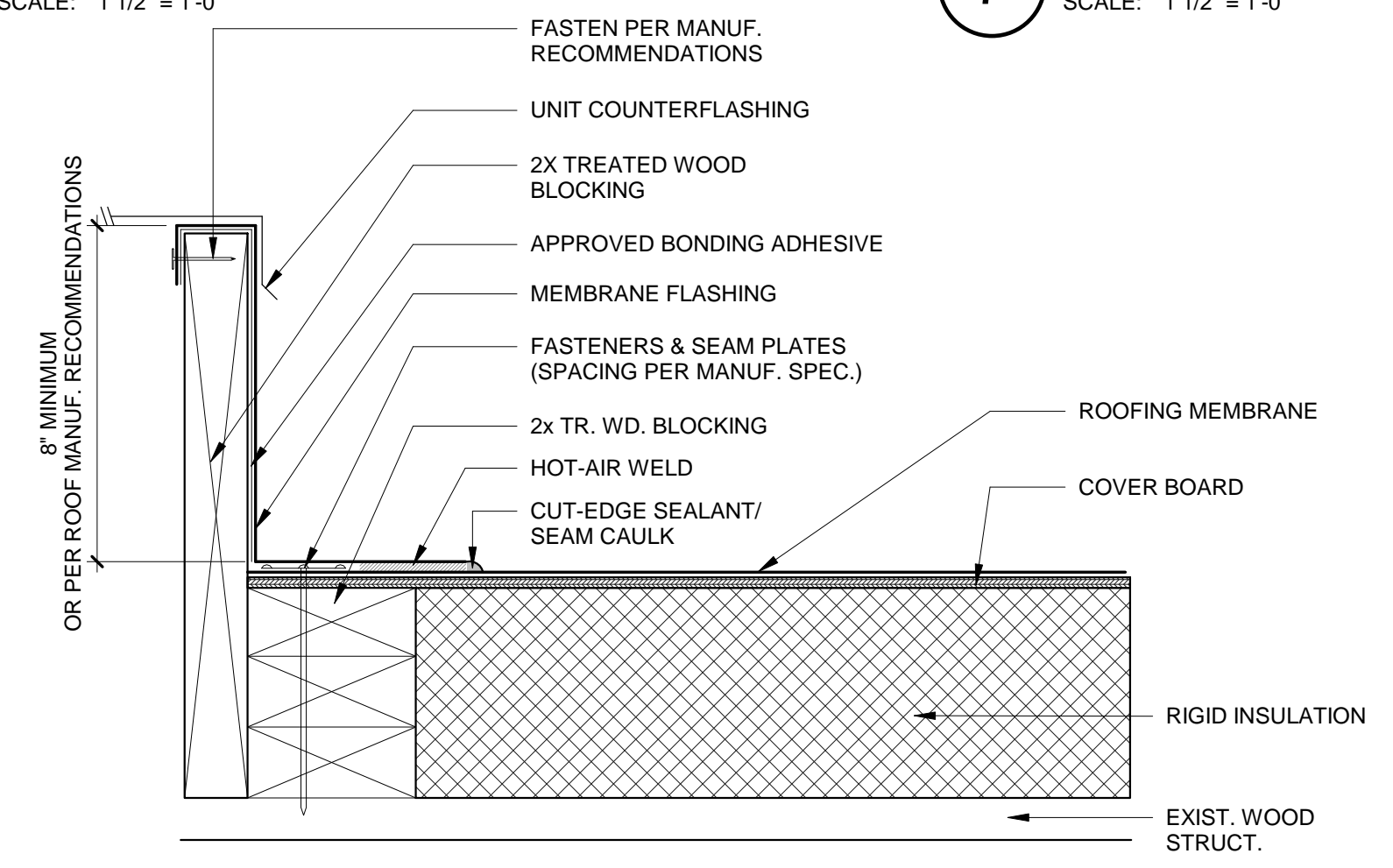
8 DOOR DETAIL - PLAN
SCALE: 1 1/2" = 1'-0"



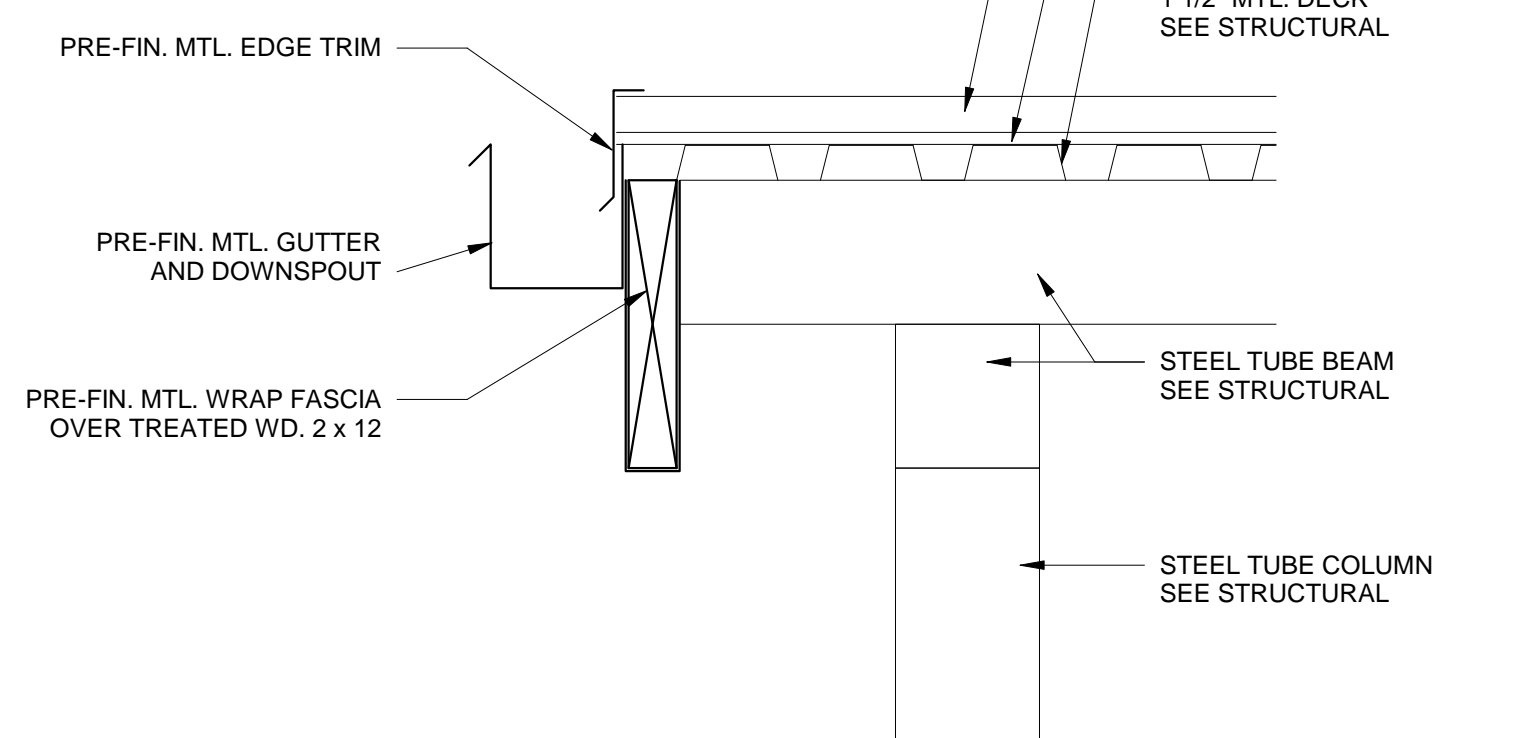
9 WALL EXISTING DETAIL
SCALE: 1 1/2" = 1'-0"



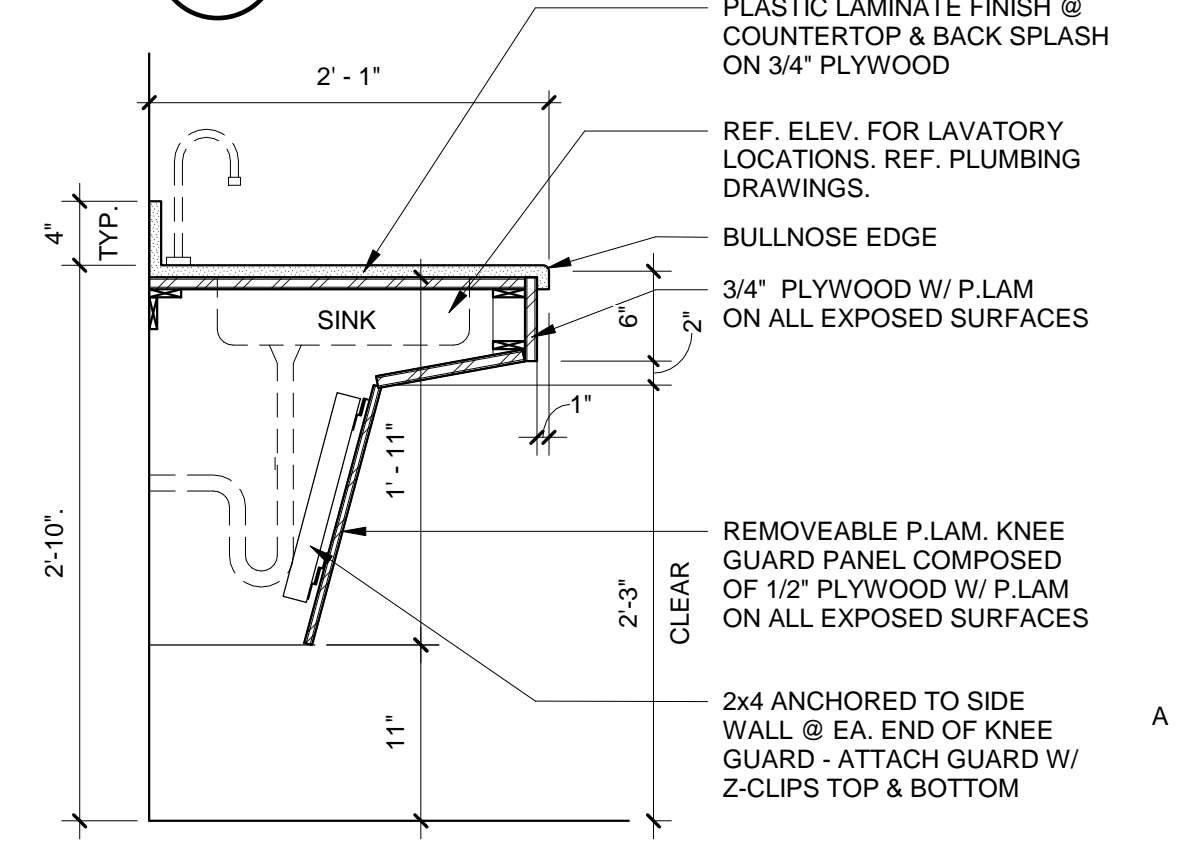
1 CRICKET DETAIL
SCALE: 1 1/2" = 1'-0"



2 CURB DTL FLASHING
SCALE: 3" = 1'-0"



3 GUTTER DETAIL @ CANOPY
SCALE: 1 1/2" = 1'-0"



4 SECTION @ SINK
SCALE: 1" = 1'-0"

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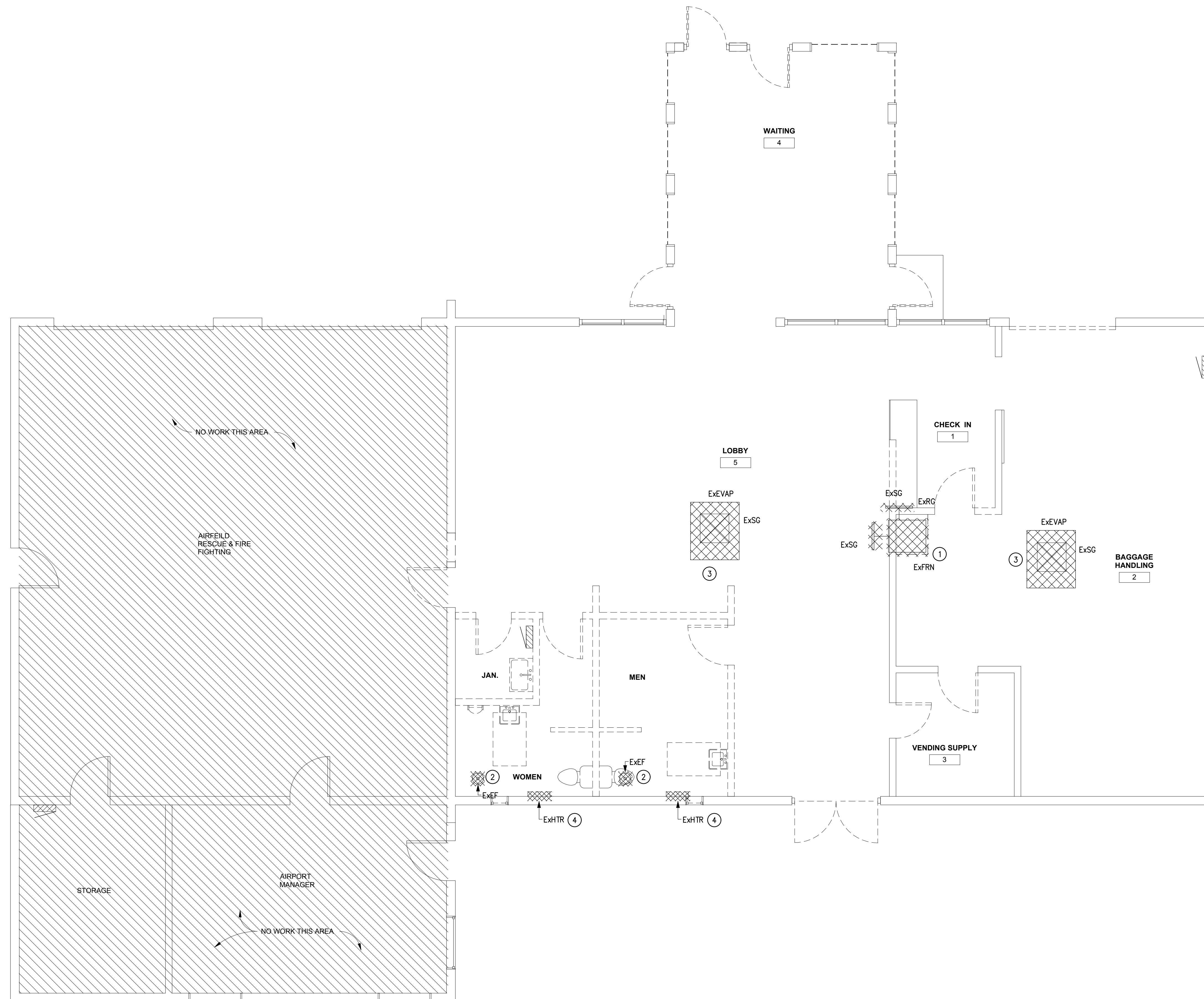
MARK	DATE	DESCRIPTION

ASA PROJECT NO. Project Number
PROJECT NO: 19104L
DRAWN BY: Author
CHECKED BY: Checker
SHEET TITLE:

DETAILS

SHEET NO:
A-501

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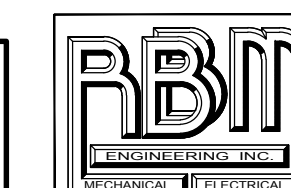


KEYED NOTES

- ① REMOVE EXISTING FURNACE IN ITS ENTIRETY, INCLUDING ALL DUCTWORK AND GRILLES, THERMOSTAT, FLUES, ETC.. FIELD COORDINATE EXACT LOCATION. REPAIR WALLS, CEILING, ETC. AS REQUIRED TO MATCH. (BID LOT #2)
- ② REMOVE EXISTING EXHAUST FAN IN ITS ENTIRETY. EXISTING THRU-ROOF PENETRATION TO BE REUSED FOR NEW UNIT. FIELD COORDINATE EXACT LOCATION. UNUSED THRU-ROOF PENETRATIONS TO BE REPAIRED TO MATCH. (BID LOT #4)
- ③ REMOVE EXISTING EVAPORATIVE COOLER IN ITS ENTIRETY, INCLUDING ALL DUCTWORK AND GRILLES, STAND, ETC. EXISTING THRU-ROOF PENETRATION TO BE REUSED FOR NEW AC. FIELD COORDINATE EXACT LOCATION. (BID LOT #2)
- ④ REMOVE EXISTING WALL MOUNTED ELECTRIC HEATER IN ITS ENTIRETY. REPAIR WALL AS REQUIRED TO MATCH. (BID LOT #4)

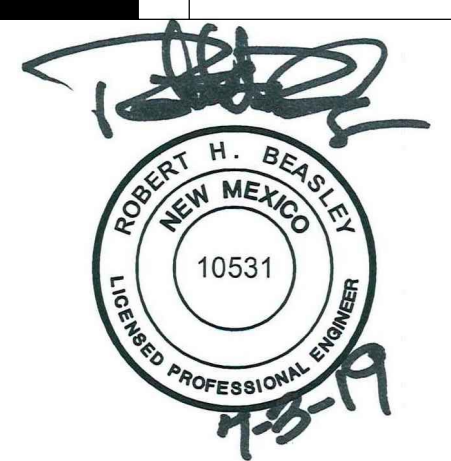
1
MD-101
SCALE: 1/4"=1'-0"
EXISTING-DEMOLITION HVAC PLAN

REFER TO SHEET G-001
FOR BID LOT DESCRIPTIONS



RBM ENGINEERING INC.
1065 S. MAIN ST. BLDG D STE. A
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**GRANT COUNTY AIRPORT TERMINAL
RENOVATION**
GRANT COUNTY,
158 AIRPORT ROAD
HURLEY, NEW MEXICO

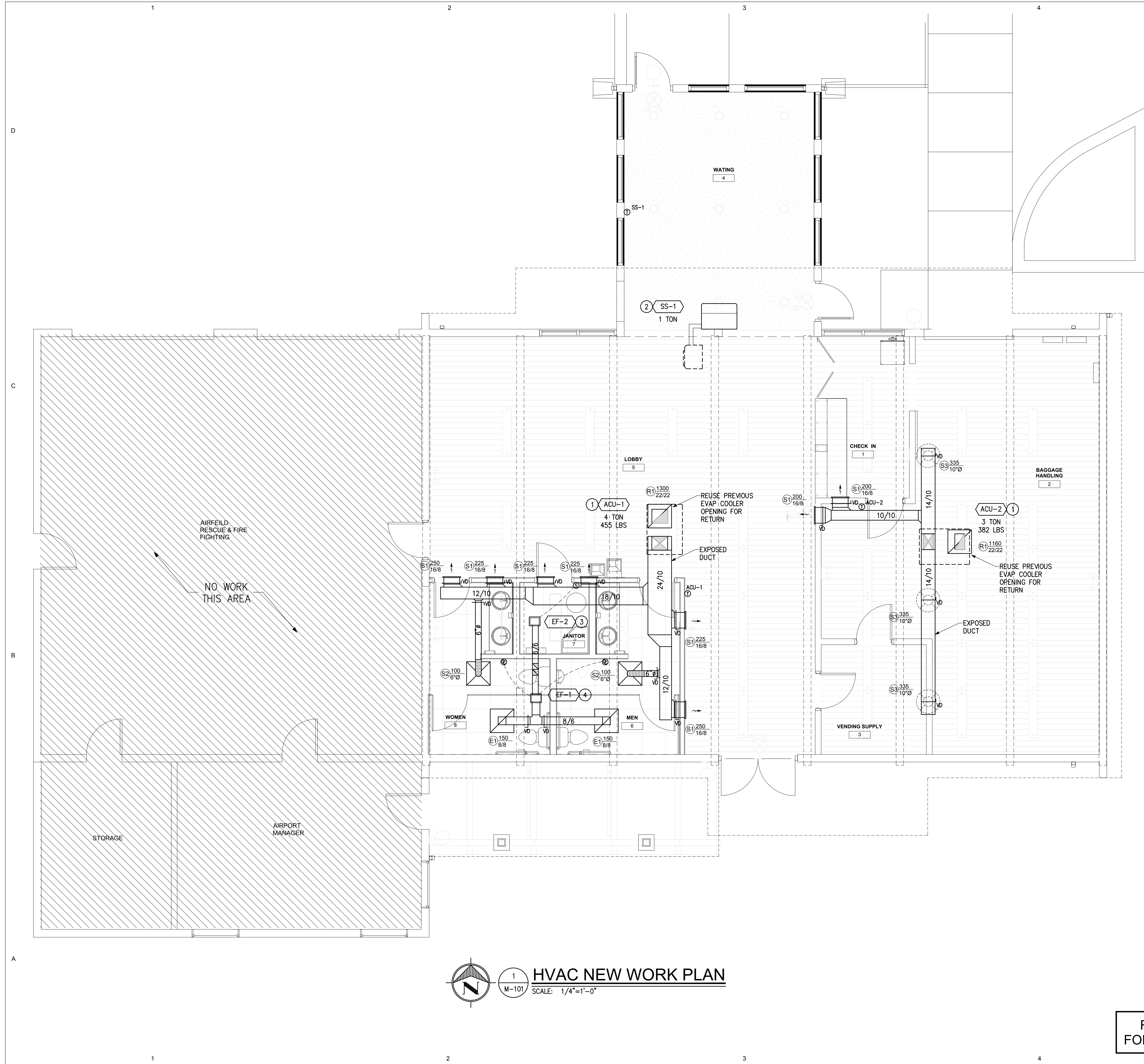
MARK	DATE	DESCRIPTION
ISSUE:	JULY 3, 2019	

ASA PROJECT NO.:
PROJECT NO.: 19104L
DRAWN BY: RBM
CHECKED BY: RBM
SHEET TITLE:

EXIST.-DEMO.
HVAC PLAN

SHEET NO:
MD-101

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KEYED NOTES

- 1 INSTALL NEW PACKAGED ROOFTOP AC OVER PREVIOUS EVAP COOLER OPENING. ENLARGE ROOF OPENING AS REQUIRED TO FIT NEW SUPPLY & RETURN DUCT DROPS. EXTEND NEW SUPPLY DUCT EXPOSED WITHIN SPACE. REPAIR ROOF OPENING AS REQUIRED TO SEAL WATERTIGHT. (BID LOT #2)
- 2 INSTALL NEW DUCTLESS SPLIT SYSTEM. MOUNT INDOOR BELOW CEILING UNIT HIGH ON WALL AND OUTDOOR UNIT ON ROOF ON FIELD FABRICATED ROOF CURB. FOLLOW MINI-SPLIT MANUFACTURER INSTALLATION INSTRUCTIONS AND SECURE OUTDOOR UNIT/CURB TO ROOF. (BID LOT #2)
- 3 INSTALL NEW CEILING EXHAUST FAN. EXTEND DISCHARGE DUCT UP THRU EXISTING ROOF PENETRATION AND TERMINATE ABOVE ROOF WITH GOOSENECK & BIRDSCREEN. (BID LOT #4)
- 4 INSTALL NEW ABOVE CEILING EXHAUST FAN. EXTEND INTAKE DUCT OVER TO NEW CEILING GRILLES. EXTEND DISCHARGE DUCT UP THRU EXISTING ROOF PENETRATION AND TERMINATE ABOVE ROOF WITH GOOSENECK & BIRDSCREEN. ENLARGE ROOF OPENING AS REQUIRED TO FIT EF-2 EXHAUST DUCT. (BID LOT #4)

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HURLEY, NEW MEXICO

MARK	DATE	DESCRIPTION
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ASA PROJECT NO.: -
PROJECT NO.: 19104L
DRAWN BY: RBM
CHECKED BY: RBM
SHEET TITLE:

HVAC NEW WORK PLAN
SCALE: 1/4"=1'-0"

REFER TO SHEET G-001 FOR BID LOT DESCRIPTIONS

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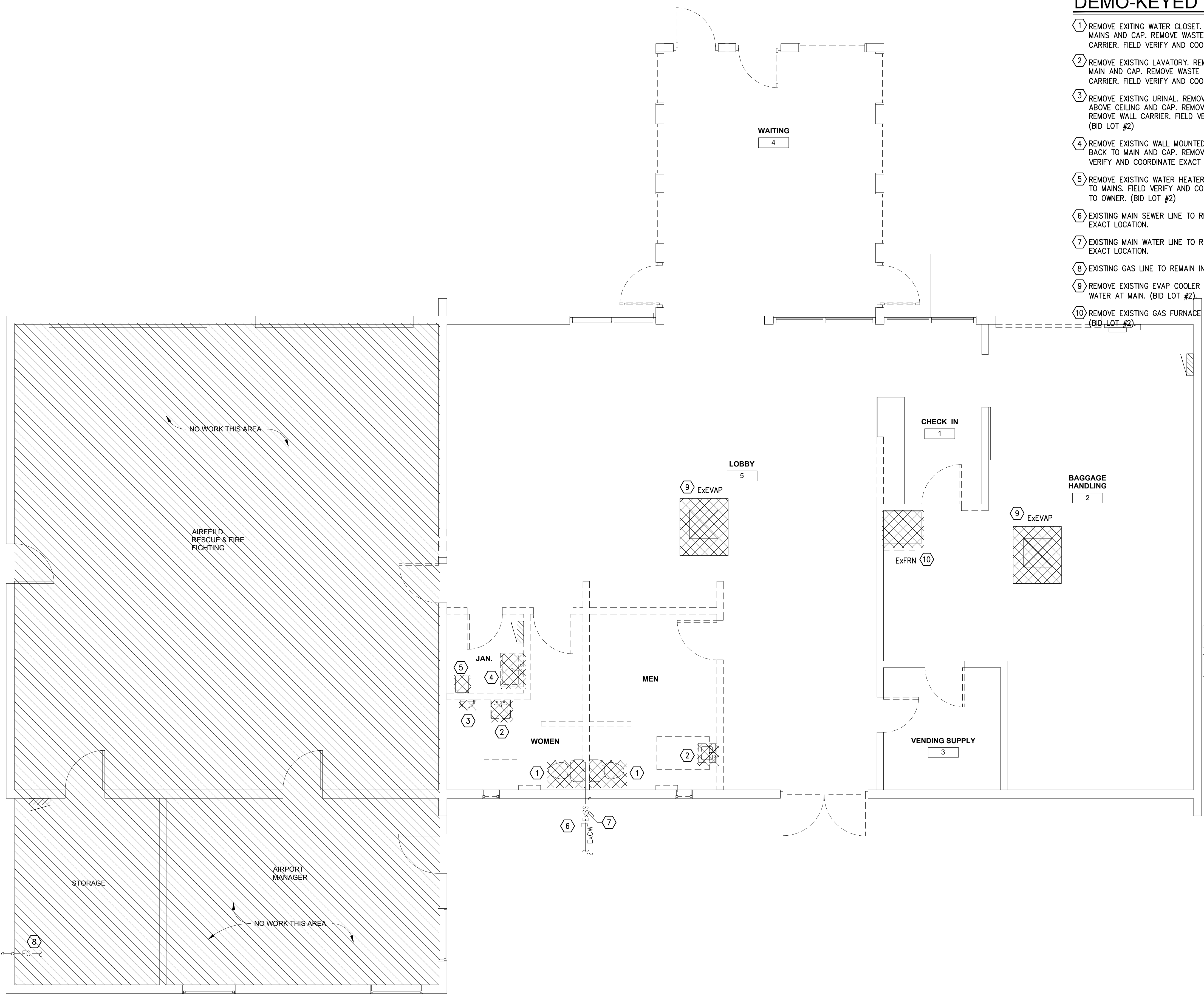
HVAC NEW WORK PLAN
SHEET NO:
M-101

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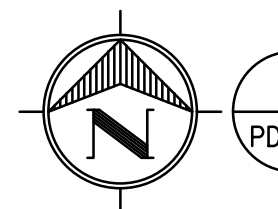
D
C
B
A

EXISTING
PROPANE TANK



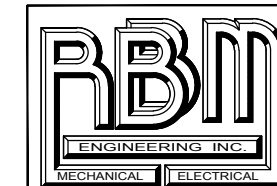
DEMO-KEYED NOTES

- 1 REMOVE EXISTING WATER CLOSET. REMOVE WATER CONNECTION BACK TO MAINS AND CAP. REMOVE WASTE AND VENT BACK TO MAINS. REMOVE WALL CARRIER. FIELD VERIFY AND COORDINATE EXACT LOCATION. (BID LOT #2)
- 2 REMOVE EXISTING LAVATORY. REMOVE COLD WATER CONNECTIONS BACK TO MAIN AND CAP. REMOVE WASTE AND DRAIN BACK TO MAIN. REMOVE WALL CARRIER. FIELD VERIFY AND COORDINATE EXACT LOCATION. (BID LOT #2)
- 3 REMOVE EXISTING URINAL. REMOVE WATER CONNECTIONS BACK TO MAINS ABOVE CEILING AND CAP. REMOVE WASTE AND VENT BACK TO MAINS. REMOVE WALL CARRIER. FIELD VERIFY AND COORDINATE EXACT LOCATION. (BID LOT #2)
- 4 REMOVE EXISTING WALL MOUNTED SERVICE SINK. REMOVE WATER CONNECTION BACK TO MAIN AND CAP. REMOVE WASTE AND VENT BACK TO MAIN. FIELD VERIFY AND COORDINATE EXACT LOCATION. (BID LOT #2)
- 5 REMOVE EXISTING WATER HEATER. REMOVE WATER LINES CONNECTION BACK TO MAINS. FIELD VERIFY AND COORDINATE EXACT LOCATION. SALVAGE BACK TO OWNER. (BID LOT #2)
- 6 EXISTING MAIN SEWER LINE TO REMAIN. FIELD VERIFY AND COORDINATE EXACT LOCATION.
- 7 EXISTING MAIN WATER LINE TO REMAIN. FIELD VERIFY AND COORDINATE EXACT LOCATION.
- 8 EXISTING GAS LINE TO REMAIN IN PLACE.
- 9 REMOVE EXISTING EVAP COOLER AND ALL WATER & DRAIN PIPING. CAP WATER AT MAIN. (BID LOT #2)
- 10 REMOVE EXISTING GAS FURNACE AND ALL GAS PIPING. CAP GAS AT MAIN. (BID LOT #2)



1
PD-101
SCALE: 1/4"=1'-0"
EXISTING-DEMOLITION PLUMBING PLAN

REFER TO SHEET G-001
FOR BID LOT DESCRIPTIONS



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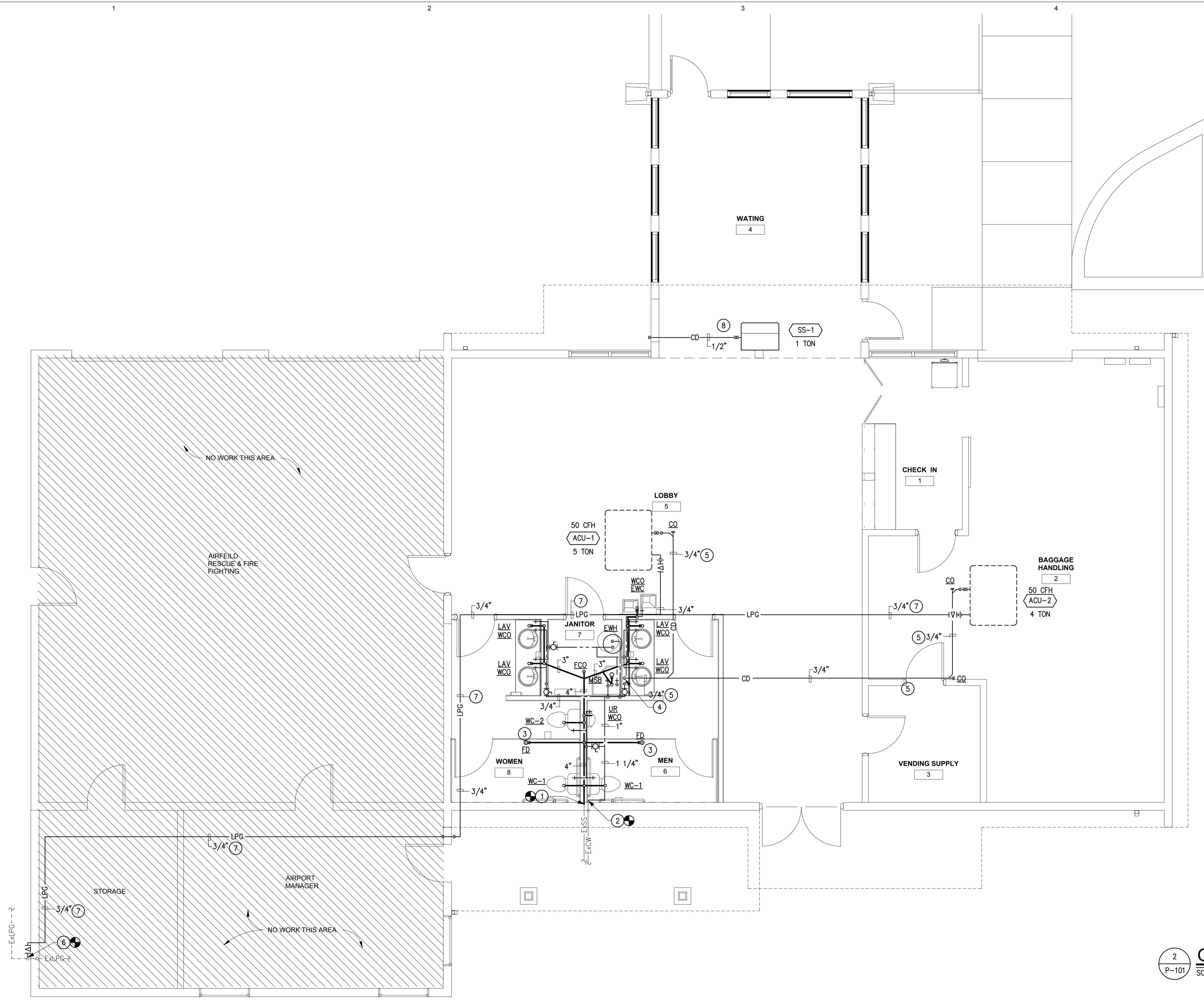
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ISSUE:	JULY 3, 2019	

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SHEET TITLE:	

EXIST.-DEMO.
PLUMBING PLAN

SHEET NO:
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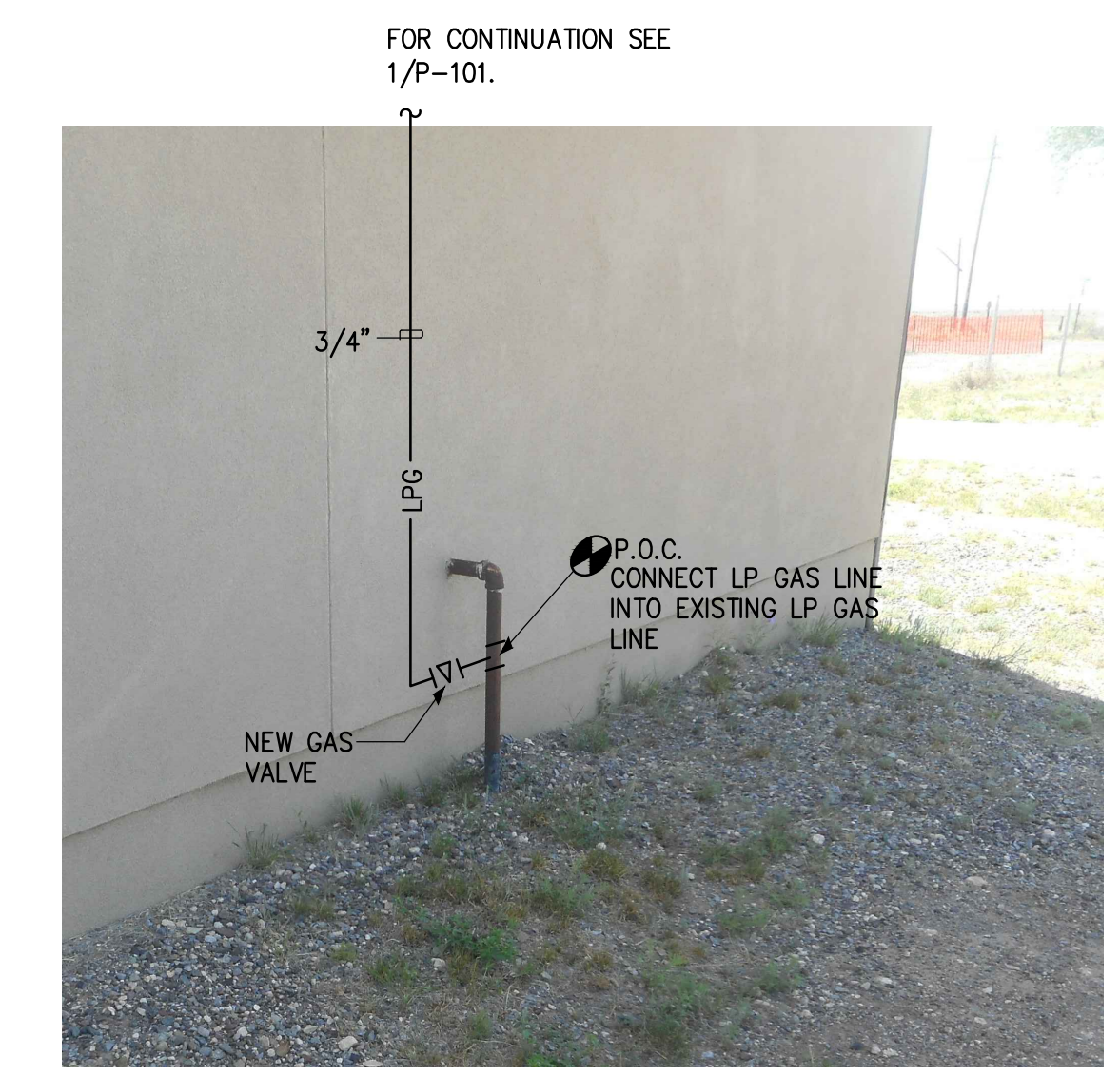
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1 NEW WORK PLUMBING PLAN
 SCALE: 1/4"=1'-0"

KEYED NOTES

- ① CONNECT NEW SEWER LINE TO EXISTING SEWER LINE. FIELD VERIFY AND COORDINATE EXACT LOCATION. CONTRACTOR TO VERIFY THAT FALL OF THE SEWER LINE MEET INVERT AT POINT OF CONNECTION BEFORE INSTALLING PIPING. (BID LOT #4)
- ② CONNECT NEW COLD WATER LINE TO EXISTING COLD WATER LINE. FIELD VERIFY AND COORDINATE EXACT LOCATION. (BID LOT #4)
- ③ CONTRACTOR TO PROVIDE AND INSTALL A TRAP GUARD SEAL AT EACH FLOOR DRAIN. (BID LOT #4)
- ④ RUN CONDENSATE DRAIN LINE DOWN INSIDE WALL AND PENETRATE ABOVE SERVICE SINK WITH A 2" AIR GAP. FIELD COORDINATE. (BID LOT #2)
- ⑤ CONTRACTOR TO RUN CONDENSATE DRAIN LINE ON ROOF. (BID LOT #2)
- ⑥ CONNECT NEW LP GAS LINE TO EXISTING LP GAS LINE. FIELD VERIFY AND COORDINATE EXACT LOCATION. (BID LOT #2)
- ⑦ RUN LP GAS LINE ON ROOF. PROVIDE WITH MANUFACTURED "MIRO" PIPE SUPPORTS. (BID LOT #2)
- ⑧ EXTEND CONDENSATE DRAIN FROM INDOOR COIL/PUMP UP THRU CEILING AND RUN ABOVE ROOF. TERMINATE CD DRAIN LOW AT GRADE TO LANDSCAPE. (BID LOT #2)



2 GAS LINE INSTALLATION SCHEMATIC
 SCALE: NONE

REFER TO SHEET G-001 FOR BID LOT DESCRIPTIONS

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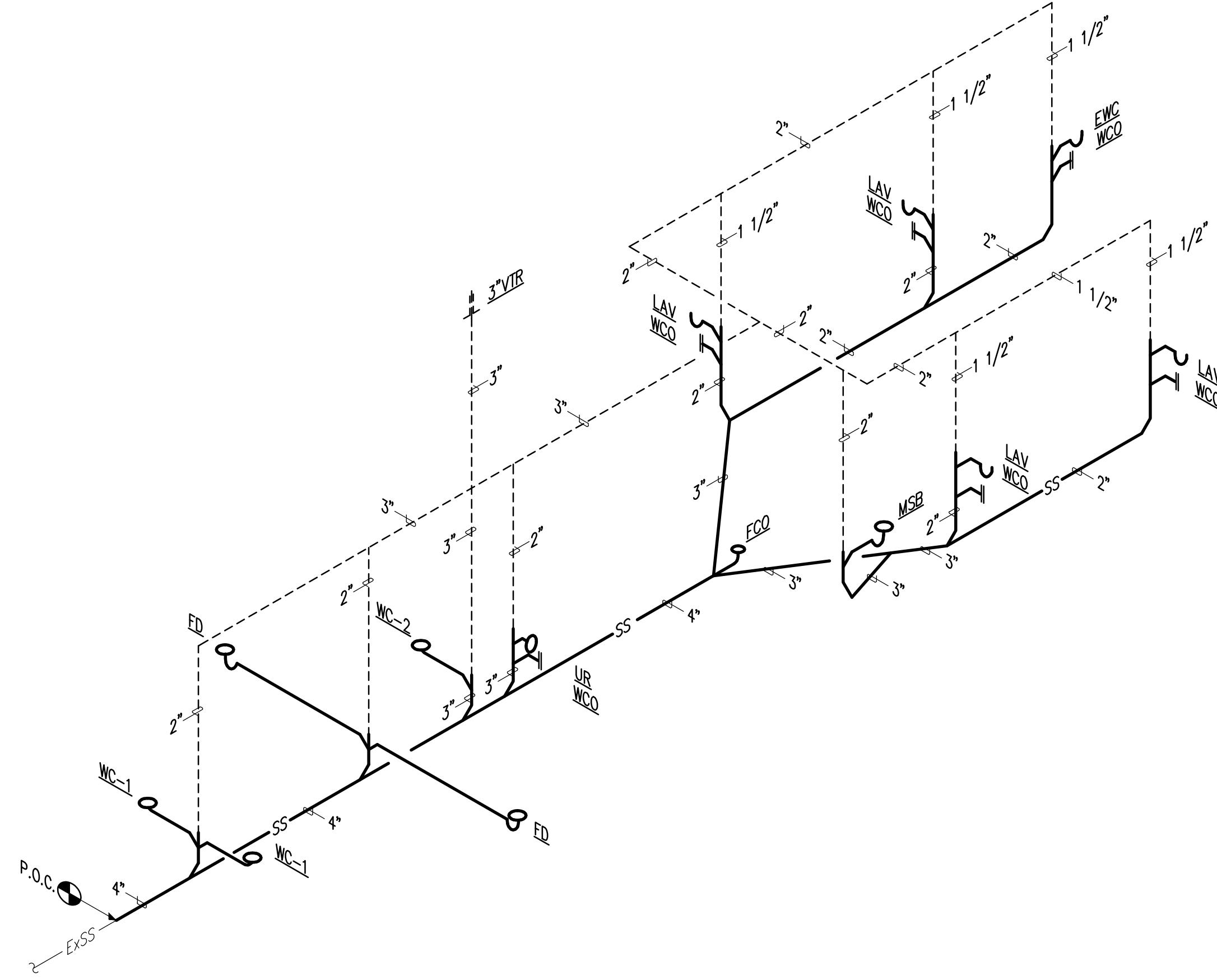
GRANT COUNTY AIRPORT TERMINAL RENOVATION
 GRANT COUNTY,
 158 AIRPORT ROAD
 HURLEY, NEW MEXICO

MARK	DATE	DESCRIPTION
ISSUE:	JULY 3, 2019	

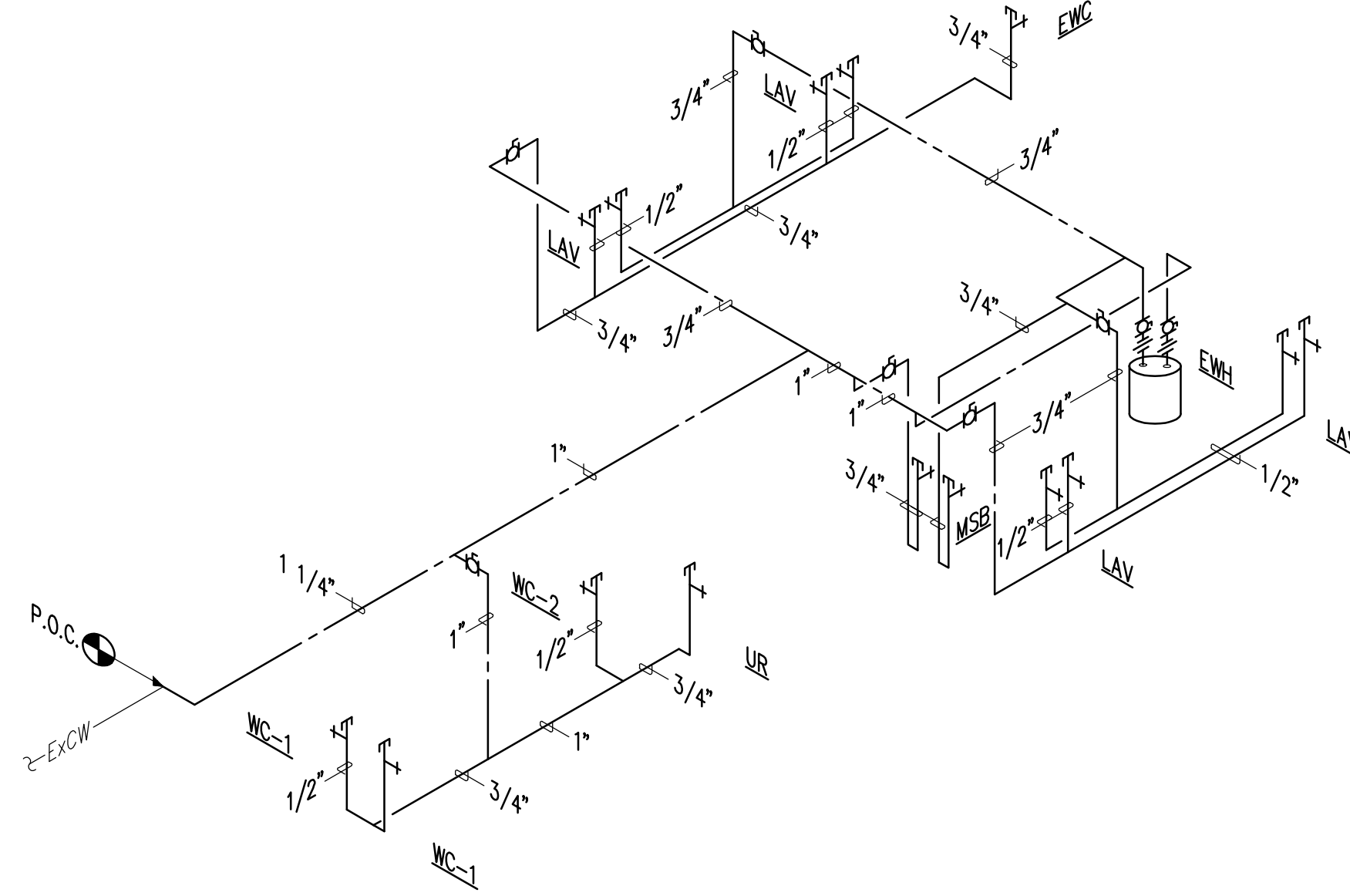
ASA PROJECT NO.:
 PROJECT NO.: 19104L
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 CHECKED BY: RBM
 SHEET TITLE:

NEW WORK PLUMBING PLAN

SHEET NO.:
P-101

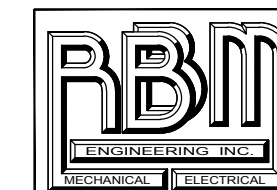


1 WASTE AND VENT RISER DIAGRAM
 P-201 SCALE: NONE



2 HOT AND COLD WATER RISER DIAGRAM
 P-201 SCALE: NONE

REFER TO SHEET G-001
 FOR BID LOT DESCRIPTIONS



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PLUMBING
 RISER
 DIAGRAMS

SHEET NO:
P-201

MARK	DATE	DESCRIPTION
	JULY 3, 2019	

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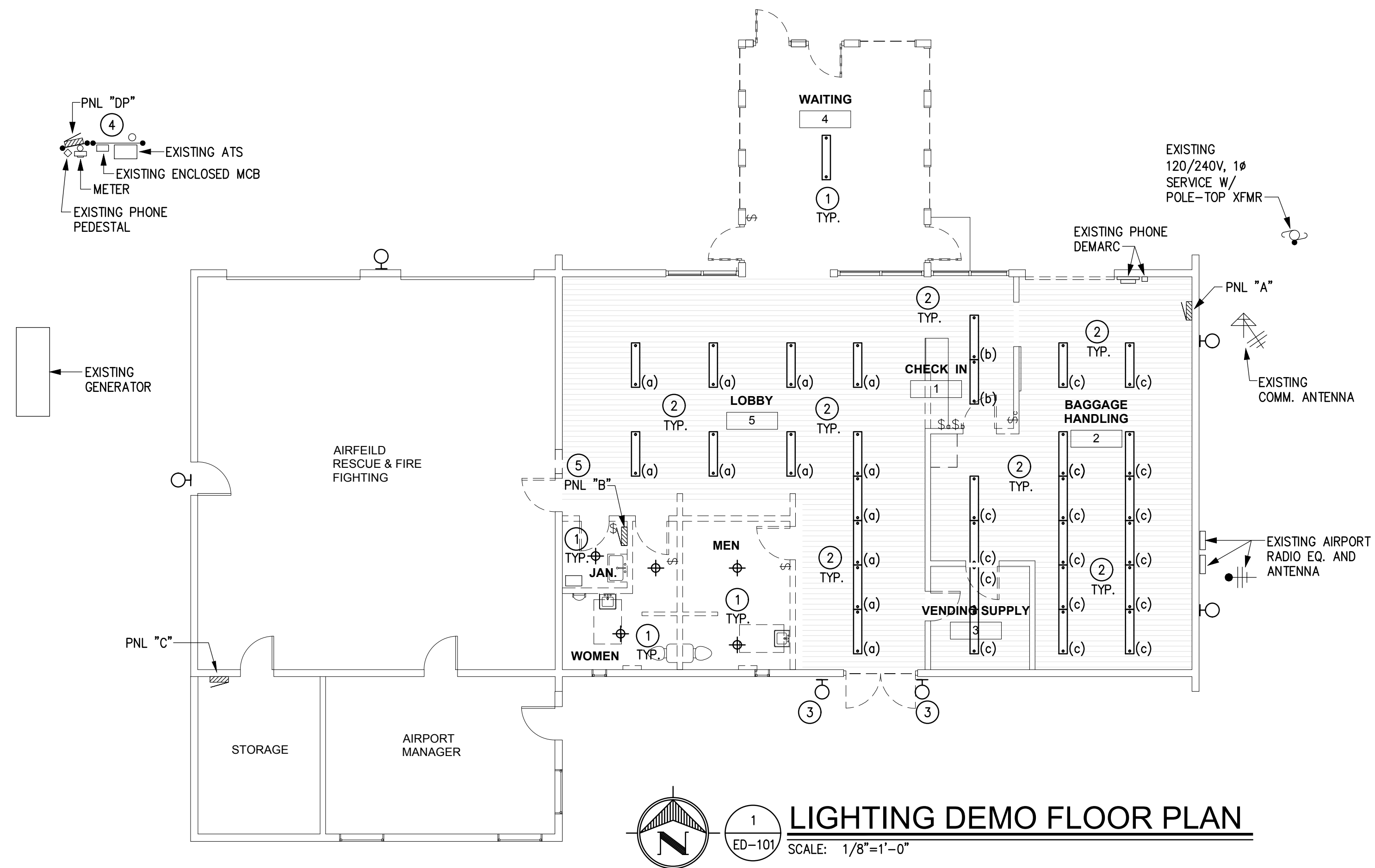
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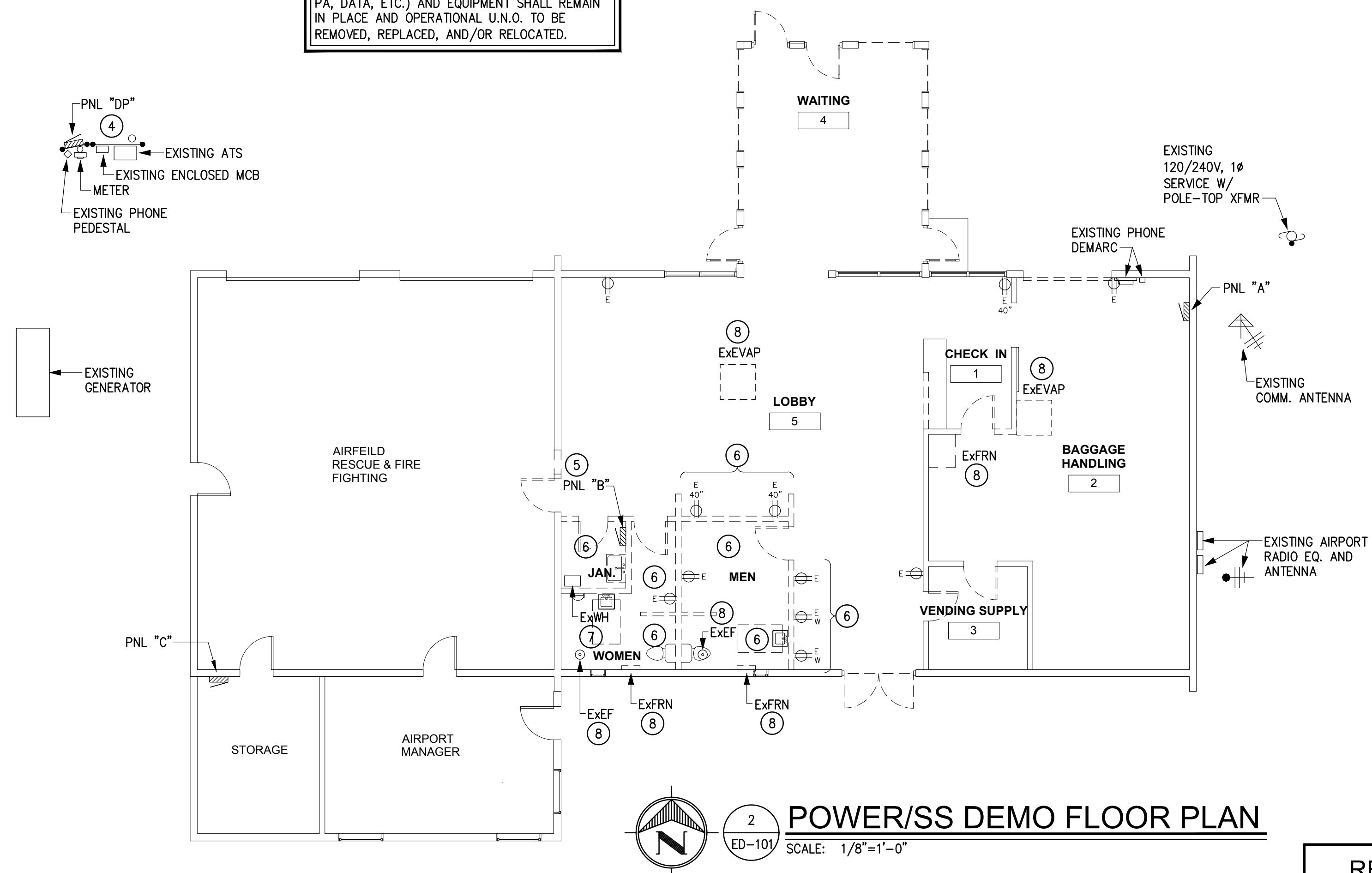
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H:\2019 Projects\19046\Drawings\Site-Elec\19046 ED-101 Electrical Lighting & Power Demo Floor Plans 7/3/2019 5:19 PM cwillson



LIGHTING DEMO FLOOR PLAN
SCALE: 1/8"=1'-0"

ALL EXISTING LIGHTING, POWER, HVAC ELECTRICAL CONNECTIONS, AND SPECIAL SYSTEM DEVICES (FA, PA, DATA, ETC.) AND EQUIPMENT SHALL REMAIN IN PLACE AND OPERATIONAL U.N.O. TO BE REMOVED, REPLACED, AND/OR RELOCATED.



POWER/SS DEMO FLOOR PLAN
SCALE: 1/8"=1'-0"

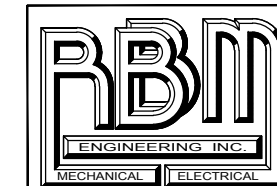
GENERAL DEMO NOTES

- A. CONTRACTOR SHALL TEMPORARILY DISCONNECT, PROTECT, AND RECONNECT ALL CEILING MOUNTED DEVICES AFFECTED BY DEMOLITION WORK AND INSTALLMENT OF NEW HVAC AND LIGHTING. ANY UN-USED WIRING AND/OR CONDUIT SHALL BE REMOVED BACK TO THE POINT OF SOURCE OR WHERE EXISTING EQUIPMENT WILL REMAIN. SALVAGE ALL REMOVED EQUIPMENT TO THE OWNER U.N.O.
- B. ANY EQUIPMENT TAGGED TO BE REMOVED THAT IS CONNECTED TO EQUIPMENT, LIGHTING, AND/OR OUTLETS TO REMAIN, SHALL BE PROVIDED WITH SPLICE BOXES ABOVE AN ACCESSIBLE CEILING TO MAINTAIN CIRCUITRY AND FUNCTIONALITY OF THOSE ITEMS MENTIONED.
- C. DEMOLITION OF WIRING, DISCONNECTS, AND/OR EQUIPMENT THAT IS SUBJECT TO REMAIN OR BE RE-LOCATED, CONTRACTOR IS RESPONSIBLE FOR RE-CONNECTION OF THAT EQUIPMENT IMMEDIATELY AND MAKE OPERATIONAL.
- D. ALL UN-USED LOW VOLTAGE CONDUIT AND CABLING SHALL BE REMOVED IN ITS ENTIRETY U.N.O. ANY EXISTING LOW VOLTAGE CONDUIT AND CABLING TAGGED TO REMAIN SHALL BE PROPERLY SUPPORTED FROM THE STRUCTURE WITH J-HOOKS AND STRAPS. COORDINATE WITH GISD PRIOR TO ANY WORK.
- E. CONTRACTOR SHALL RE-USE EXISTING CONDUIT PENETRATIONS AND/OR CONDUIT SYSTEMS WHERE APPLICABLE. IF NOT RE-USED, PATCH, PAINT, AND REPAIR AS REQUIRED. IN ALL CASES, CUT, PATCH, PAINT, AND REPAIR TO MATCH EXISTING CONDITIONS AND/OR AS SHOWN IN THE ARCHITECTURAL PLANS.
- F. CONTRACTOR SHALL SALVAGE ALL EXISTING LINEAR SUSPENDED LED LIGHT FIXTURES SCHEDULED TO BE REMOVED BACK TO THE OWNER. COORDINATE WITH OWNER FOR PLACEMENT.

KEYED NOTES

- 1 CONTRACTOR SHALL REMOVE ALL LIGHTING AND SWITCHING IN THIS ROOM/AREA IN ITS ENTIRETY. REMOVE ALL ASSOCIATED BOXES, CONDUIT AND WIRING BACK TO THE POINT OF SOURCE.
- 2 CONTRACTOR SHALL REMOVE AND REPLACE ALL EXISTING SUSPENDED LED LIGHT FIXTURES AND ASSOCIATED LIGHT SWITCHES IN THIS ROOM/AREA WITH NEW. MAINTAIN EXISTING LIGHTING BRANCH CIRCUITING FOR RECONNECTION TO NEW FIXTURES AND SWITCHING SCHEDULED. REFER TO THE NEW WORK LIGHTING PLAN AND FIXTURE SCHEDULE FOR MORE INFORMATION AND DIRECTION.
- 3 CONTRACTOR SHALL REMOVE EXISTING EXTERIOR FIXTURE AT THIS LOCATION. MAINTAIN EXISTING LIGHTING BRANCH CIRCUIT AND CONTROL FOR EXISTING FIXTURE(S) TO REMAIN IN PLACE AND OPERATIONAL.
- 4 CONTRACTOR SHALL REFER TO POWER RISER DIAGRAMS FOR MODIFICATIONS REQUIRED TO THE ELECTRICAL SERVICE FOR THE BLDG.
- 5 CONTRACTOR SHALL REMOVE EXISTING PANEL SHOWN. MAINTAIN EXISTING BRANCH CIRCUITS AS REQUIRED FOR CIRCUITS TAGGED TO REMAIN IN PLACE AND OPERATIONAL. REFER TO THE POWER RISER DIAGRAMS FOR MORE DIRECTION.
- 6 CONTRACTOR SHALL REMOVE ALL POWER OUTLETS ON THIS WALL/AREA IN THEIR ENTIRETY. REMOVE ALL ASSOCIATED BOXES, CONDUIT AND WIRING BACK TO THE POINT OF SOURCE.
- 7 EXISTING WATER HEATER IS SCHEDULED TO BE REMOVED AND REPLACED WITH NEW. CONTRACTOR SHALL DISCONNECT ELECTRICAL CONNECTIONS FROM WATER HEATER TO PERMIT REPLACEMENT. RECONNECT IN SAME FASHION WHEN COMPLETED.
- 8 EXISTING HVAC EQUIPMENT IS SCHEDULED TO BE REMOVED IN ITS ENTIRETY. CONTRACTOR SHALL DISCONNECT ELECTRICAL CONNECTIONS TO AND FROM EQUIPMENT IN THEIR ENTIRETY. REMOVE ALL ASSOCIATED BOXES, CONDUIT AND WIRING BACK TO THE POINT OF SOURCE.

REFER TO SHEET G-001 FOR BID LOT DESCRIPTIONS



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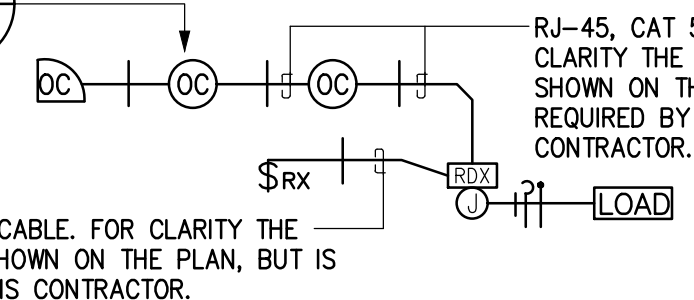
ELECTRICAL LIGHTING AND POWER DEMOLITION FLOOR PLANS

SHEET NO:
ED-101

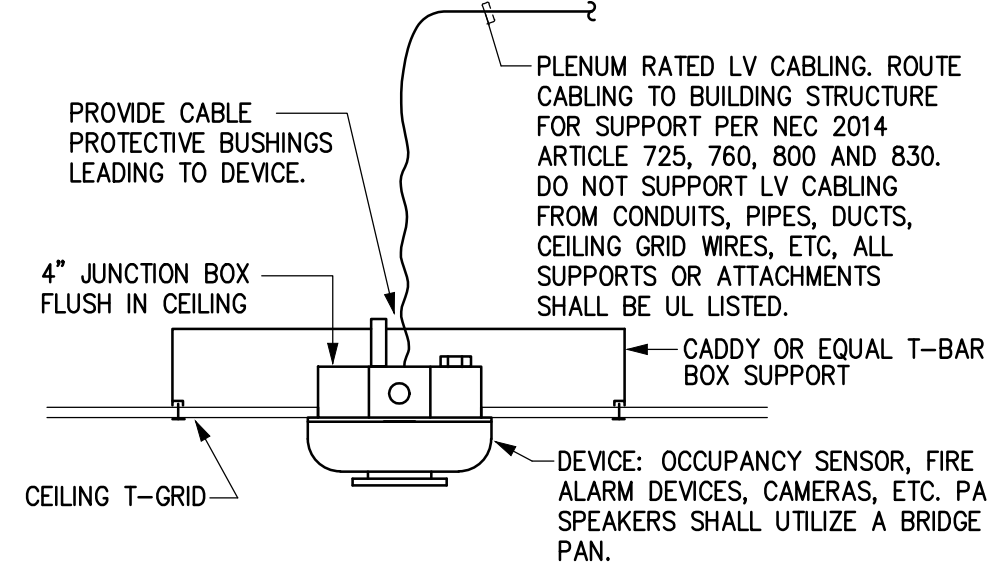
PANEL	DESCRIPTION	240/120V, 1PH, 3W, 125 AMP MAIN CIRCUIT BREAKER, 10,000 AIC, SURFACE MOUNTED, NEUTRAL BAR, GROUND BAR								
CCT NO.	LOAD DESCRIPTION	BKR SIZE	LOAD (VA)	PHASE A	PHASE B	LOAD (VA)	BKR SIZE	LOAD DESCRIPTION	CCT NO.	
1	RM. 4 LIGHTING	20/1	1000	1360		360	20/1	RM. 5 AND 6 OUTLETS	2	
3	RM. 6 THRU 8 LIGHTING	20/1	1500		1860	360	20/1	RM. 5 AND 8 OUTLETS	4	
5	RM. 1 AND 5 LIGHTING (EXISTING)	20/1	900	2400		1500	20/1	WATER HEATER	6	
7	RM. 2 AND 3 LIGHTING (EXISTING)	20/1	900		1260	360	20/1	RM. 5 OUTLETS	8	
9	LIT SIGN	20/1	1500	2220		720	20/1	RM. 4 OUTLETS	10	
11	SPARE	20/1			720	20/1	20/1	RM. 5 OUTLETS (EXISTING)	12	
13	SPARE	20/1		0		20/1	20/1	SPARE	14	
15	SPARE	20/1		0		20/1	20/1	SPARE	16	
17	SPARE	20/1		0		20/1	20/1	SPARE	18	
19	SPARE	20/1		0		20/1	20/1	SPARE	20	
21	SPARE	20/1		0		20/1	20/1	SPARE	22	
23	SPARE	20/1		0		20/1	20/1	SPARE	24	
25	SS-1	25/2	1680	4800		3120	40/2	ACU-2	26	
27	***	***	1680		4800	3120	***	***	28	
Total KVA			19.4	240V	81		Amps			

WATTSTOPPER OR APPROVED EQUAL DIGITAL LIGHTING MANAGEMENT SYSTEM. SYSTEM IS BASED ON CAT 5e CABLING PLUG-N-LEARN TECHNOLOGY. CONTRACTOR IS RESPONSIBLE FOR PROVIDING CABLING SHOWN ON DETAIL FOR ALL ROOMS WHERE TECHNOLOGY IS BEING UTILIZED. PROVIDE INTERCONNECTIONS FROM DEVICE TO DEVICE.

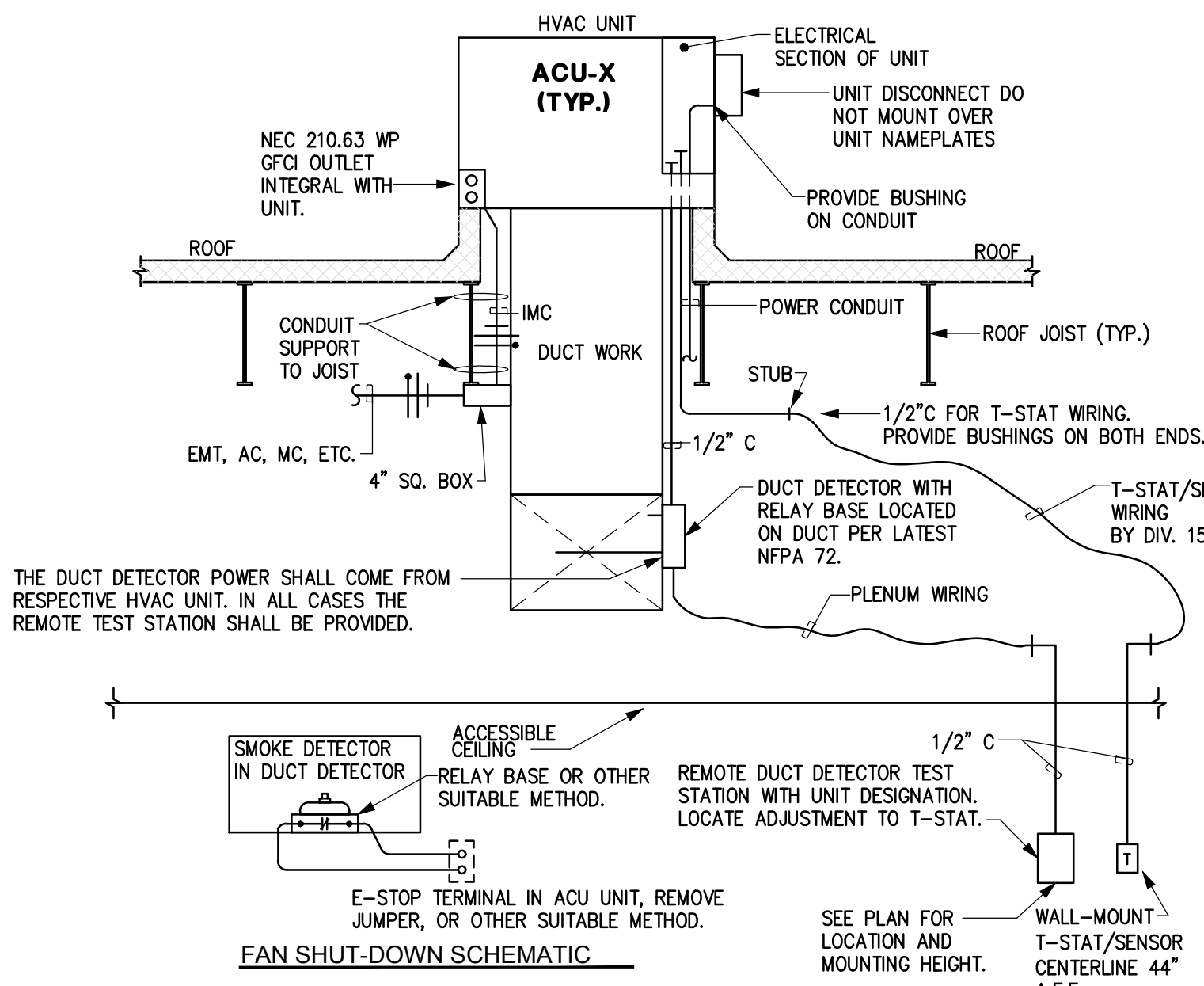
ALL OCCUPANCY SENSORS AND WALL SWITCH DEVICES SHALL BE FULLY PROGRAMMED AND TESTED PRIOR TO COMPLETION OF CONSTRUCTION.



4 DLM WIRING DIAGRAM DETAIL
SCALE: NONE



5 DEVICE CEILING SUPPORT DETAIL
SCALE: NONE

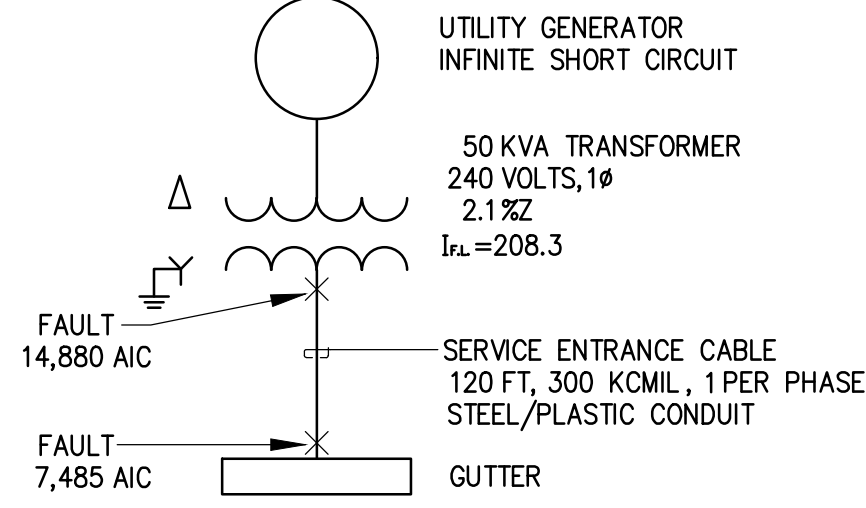


6 TYPICAL ACU POWER CONNECTION
SCALE: NONE

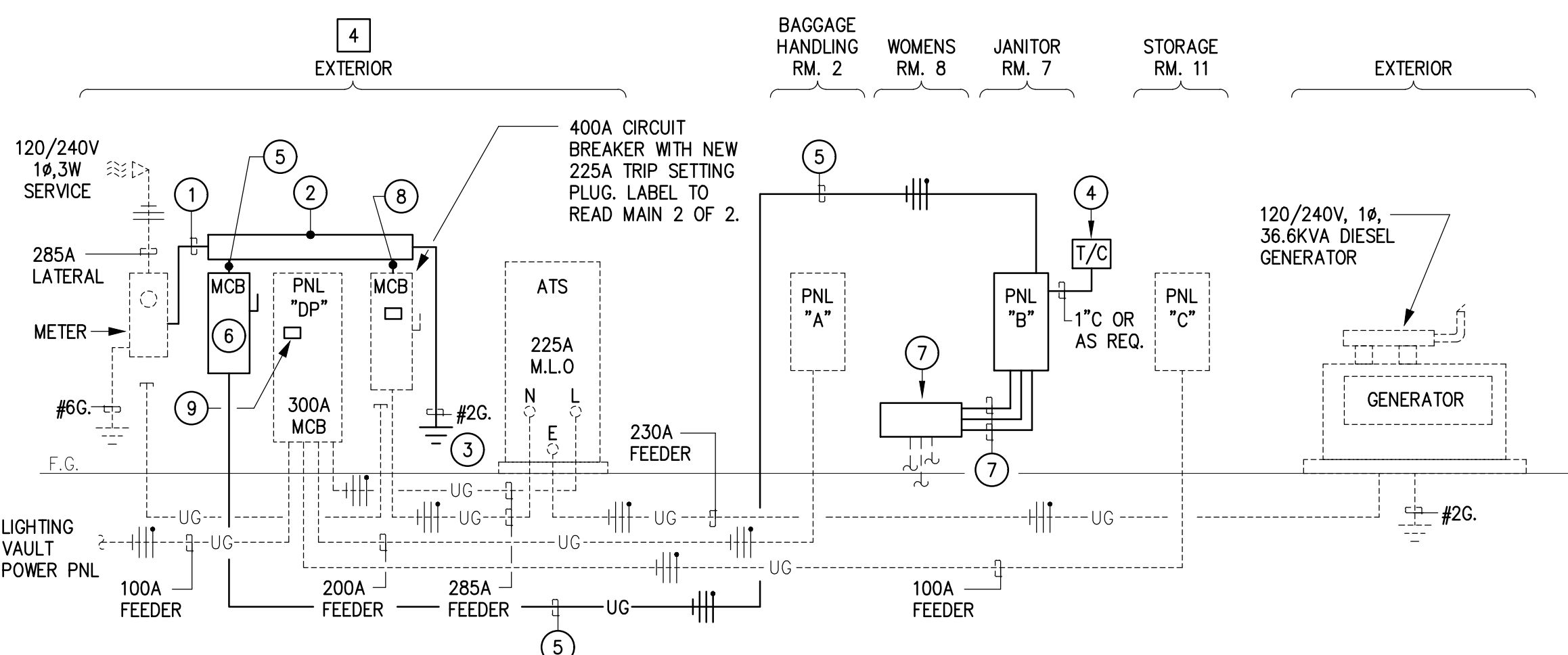
LOAD SUMMARY CALC.

EXISTING/NEW LOAD ON NEW SERVICE GUTTER (120/240V, 1Ø, 4W, 285A WIRE)	
EXISTING:	
12 MONTH PEAK DEMAND LOAD BY PNM:	20.7 KW
DIVIDE BY .85 PF:	24.3 KVA
MULTIPLY BY 125%:	30.4 KVA
TOTAL IN AMPS:	126.8 AMPS
REMOVED:	
EXISTING PNL "B" LOAD (BY PREVIOUS DESIGN):	-33.0 AMPS
NEW:	
NEW ACU-1 LOAD (BY THIS DESIGN):	34.4 AMPS
NEW LOAD ON PNL "B" (BY THIS DESIGN):	+ 81.0 AMPS
TOTAL:	209.2 AMPS
TOTAL IN KVA:	50.2 KVA
(240V, 1Ø):	

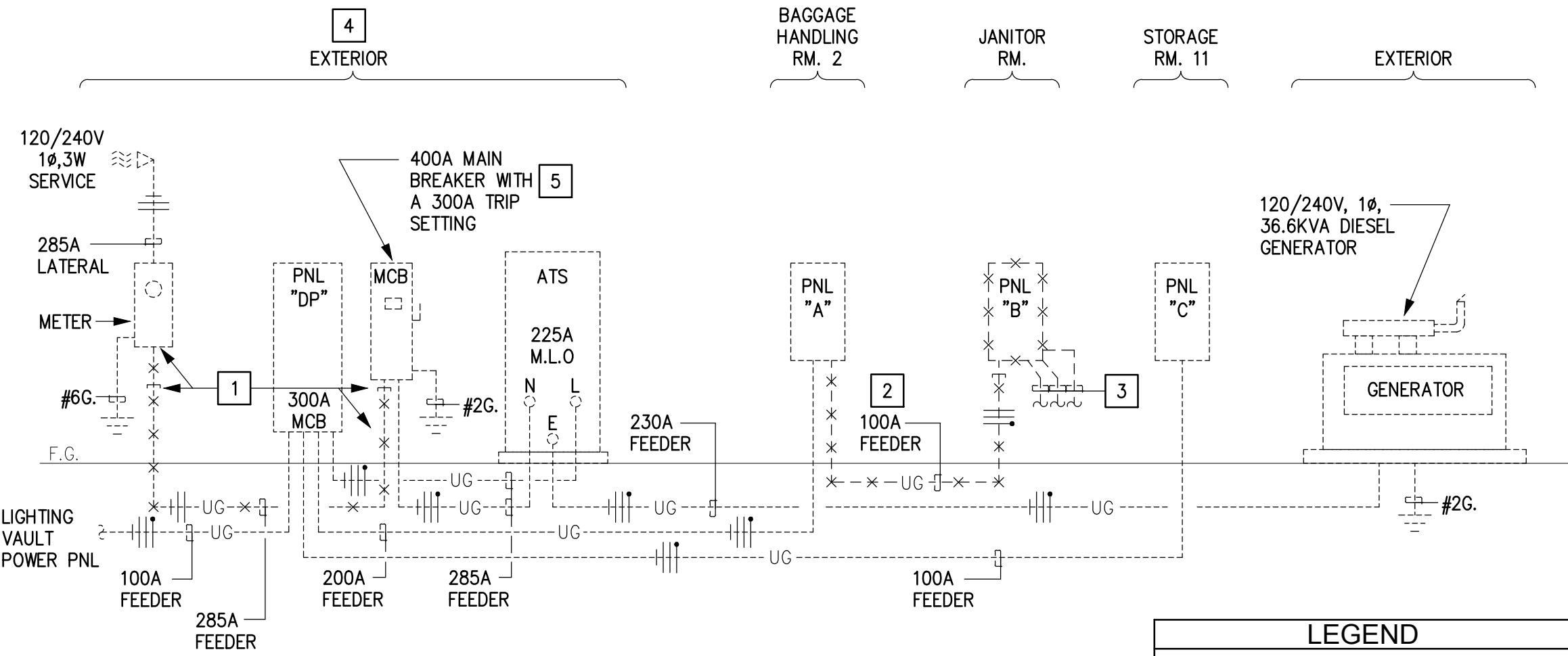
THEREFORE, THE EXISTING METERING AND EXISTING/NEW LATERAL TO THE NEW SERVICE GUTTER IS OF ADEQUATE CAPACITY TO ACCOMMODATE THE EXISTING AND NEW LOADS FOR THE BLDG.



3 SHORT CIRCUIT CALC.
SCALE: NONE



2 NEW WORK POWER RISER DIAGRAM
SCALE: NONE



1 EXISTING POWER RISER DIAGRAM
SCALE: NONE

LEGEND
 - - - - - NEW
 - - - - - EXISTING TO REMAIN
 - x - x - x - EXISTING TO BE REMOVED OR ABANDONED.

DEMO KEYED NOTES

- CONTRACTOR SHALL REMOVE SERVICE CONDUCTORS FROM METER TO MCB SHOWN. DISCONNECT CONDUIT CONNECTIONS AT BOTH ENDS AND CAP AND ABANDON IN PLACE. REFER TO THE NEW WORK POWER RISER DIAGRAM FOR MORE INFORMATION AND DIRECTION.
- CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING FEEDER SHOWN FEEDING PANEL "B". REMOVE WIRE AND ABANDON UG CONDUIT IN PLACE. LABEL BREAKER IN PANEL "A" AS SPARE. UPDATE DIRECTORY WHEN COMPLETED.
- CONTRACTOR SHALL REMOVE EXISTING PANEL "B" SHOWN IN ITS ENTIRETY. REMOVE ALL ASSOCIATED BOXES, CONDUIT AND WIRING BACK TO THE POINT OF SOURCE. ANY EXISTING BRANCH CIRCUITS SCHEDULED TO REMAIN SHALL BE MAINTAINED DURING DEMOLITION AND REROUTED TO CONNECT TO NEW PANEL "B". REFER TO THE NEW WORK RISER DIAGRAM FOR MORE INFORMATION.
- CONTRACTOR IS REQUIRED TO MODIFY THE EXISTING SERVICE SHOWN AT THIS LOCATION. ALL DEMO AND NEW WORK SHOWN AND NOTED FOR THE EXISTING SERVICE SHALL BE IMPLEMENTED IN SUCH A FASHION THAT THE EXISTING SERVICE REMAINS ENERGIZED THROUGHOUT CONSTRUCTION. IF OUTAGES ARE REQUIRED FOR SERVICE TRANSFER, CONTRACTOR SHALL UTILIZE THE EXISTING GENERATOR DURING OUTAGE CONSTRUCTION. PROVIDE DIESEL FUEL REQUIRED FOR THE GENERATOR TO RUN FOR THE DURATION OF THE OUTAGE. ONCE COMPLETED, CONTRACTOR SHALL TOP OFF GENERATOR FUEL AFTER USE. COORDINATE WORK NOTED ABOVE WITH THE OWNER PRIOR TO START OF WORK.
- CONTRACTOR SHALL REMOVE AND REPLACE EXISTING MAIN BREAKER 300A TRIP SETTING PLUG WITH NEW 225A TRIP SETTING PLUG. PLUG SHALL BE COMPATIBLE WITH EXISTING EATON MAIN BREAKER. IF COMPATIBLE PLUG IS NOT AVAILABLE FOR EXISTING MAIN BREAKER, CONTRACTOR SHALL REPLACE ENTIRE BREAKER WITH NEW 400A BREAKER WITH A 225A TRIP PLUG.

NEW WORK KEYED NOTES

- CONTRACTOR SHALL PROVIDE A 3" C WITH (3)-300KCMIL CU. WIRE AND (1)-#2G.
- CONTRACTOR SHALL PROVIDE A 8"X8" LENGTH REQUIRED R.T. GUTTER AS SHOWN WITH WIRE SIZE NOTED IN KEYED NOTE 1.
- CONTRACTOR SHALL PROVIDE A MODIFIED UFER. PROVIDE AT LEAST 20 FEET OF CU. WIRE SIZE NOTED, IN DIRECT CONTACT WITH THE EARTH AT A DEPTH BELOW THE EARTH'S SURFACE OF NOT LESS THAN 30 INCHES INSTALLED IN A CONTINUOUS TRENCH THAT IS AT LEAST 20 FEET IN LENGTH, AUGMENTED WITH A MINIMUM OF 2, 8 FOOT GROUND RODS SPACED A MINIMUM OF 20 FEET APART. ALL CONNECTIONS SHALL BE LISTED FOR GROUNDING.
- CONTRACTOR SHALL PROVIDE A 4-POLE, 120V COIL, 4-ZONE ASTRONOMICAL TIMECLOCK WITH BACK-UP CAPACITORS TO CONTROL NEW EXTERIOR LIT SIGNAGE NOTED ON THE ELECTRICAL PLANS. COORDINATE SCHEDULING WITH THE OWNER PRIOR TO COMPLETION OF THE PROJECT.
- CONTRACTOR SHALL PROVIDE A 1 1/2" C WITH (3)-#1 CU. WIRE AND (1)-#6G.
- CONTRACTOR SHALL PROVIDE A N3R, 250V, 200A, 3P+SN, FUSED DISCONNECT WITH (3)-125A FUSES. LABEL TO READ, "MAIN 1 OF 2".
- CONTRACTOR SHALL PROVIDE A 8"X8" LENGTH REQUIRED SPLICE BOX AT LOCATION OF REMOVED PANEL "B". SPLICE BOX SHALL BE LOCATED UNDERNEATH SINK AS NOTED ON THE ELECTRICAL PLANS. BOX SHALL BE UTILIZED TO INTERCEPT AND EXTEND EXISTING MAINTAINED UG BRANCH CIRCUITS PREVIOUSLY CONNECTED TO PANEL "B". INTERCEPT AND EXTEND BRANCH CIRCUITS TO NEW PANEL NOTED WITH SAME SIZE CONDUIT AND WIRE. CONNECT IN SAME FASHION AS PER PRIOR TO BEING DISCONNECTED.
- CONTRACTOR SHALL PROVIDE A 2 1/2" C WITH (3)-4/0 CU. WIRE AND (1)-#2G.
- CONTRACTOR SHALL PROVIDE A NEW 50A/2P CB INSIDE EXISTING SIEMENS PANEL SHOWN TO POWER NEW ACU-1. CB SHALL BE COMPATIBLE WITH EXISTING SIEMENS PANEL AND HAVE AN AIC RATING AS NOTED IN THE SHORT CIRCUIT CALCULATION. UPDATE DIRECTORY WHEN COMPLETED. REFER TO THE ELECTRICAL PLANS FOR MORE CIRCUIT INFORMATION AND DIRECTION.

REFER TO SHEET G-001 FOR BID LOT DESCRIPTIONS



PROJECT NO: 19104L
 DRAWN BY: RBM
 CHECKED BY: RBM
 SHEET TITLE: ELECTRICAL RISER, NOTES, SCHEDULE AND DETAILS
 SHEET NO: E-002

GRANT COUNTY AIRPORT TERMINAL RENOVATION
 GRANT COUNTY,
 158 AIRPORT ROAD
 HURLEY, NEW MEXICO

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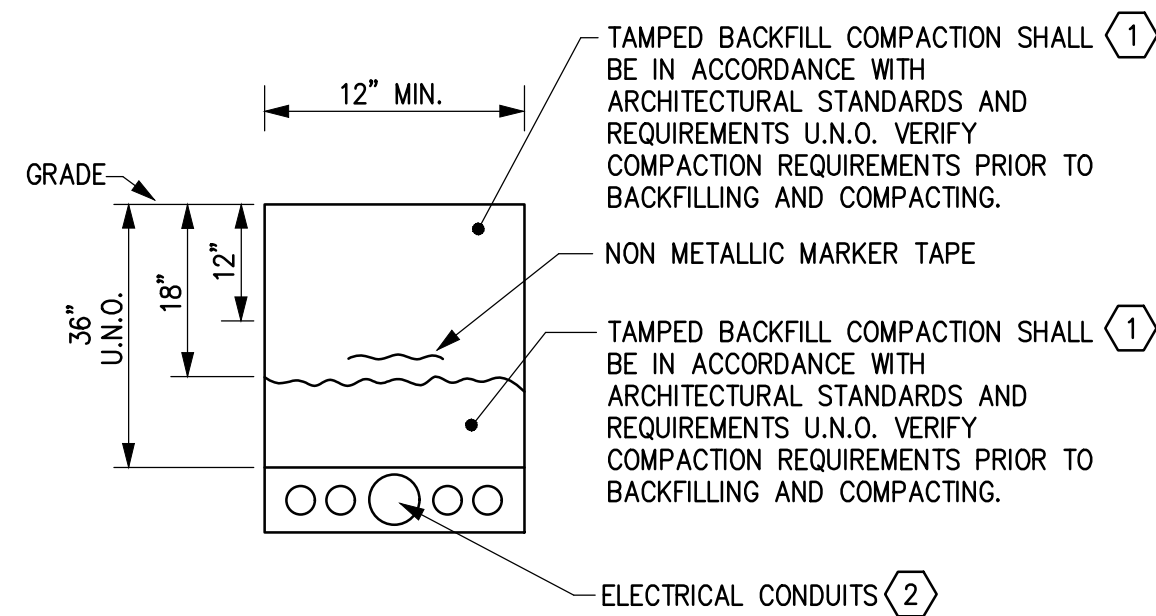


GENERAL NOTES

- A. REFER TO THE ARCHITECTURAL ELEVATIONS AND CEILING PLAN FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL INTERIOR AND EXTERIOR BUILDING LIGHTING SHOWN ON THIS SHEET. COORDINATION WITH G.C. IS MANDATORY FOR ALL LIGHTING LOCATIONS SHOWN PRIOR TO ANY WORK.
- B. ALL EMERGENCY FIXTURES SHOWN AND SCHEDULED ARE TO BE PROVIDED WITH AN INTEGRAL BATTERY PACK FOR EMERGENCY POWER. CONTRACTOR SHALL PROVIDE A CONTINUOUS HOT FOR PROPER FIXTURE OPERATION.
- C. CONTRACTOR SHALL COORDINATE ALL POWER OUTLET LOCATIONS AND MOUNTING HEIGHTS WITH FINAL FURNITURE, EQUIPMENT LAYOUT, AND ARCHITECTURAL PLANS.
- D. CONTRACTOR SHALL PROVIDE ROUGH-IN BOXES AND 1/2" C STUBBED TO AN ACCESSIBLE CEILING FOR ALL T-STAT AND REMOTE TEST STATION LOCATIONS SHOWN. IF EXPOSED TO STRUCTURE, CONTRACTOR SHALL ROUTE CONDUIT TO AN ACCESSIBLE CEILING AND/OR WALL, WHICHEVER COMES FIRST. CONDUITS SHALL NOT BE EXPOSED WHERE THEY CAN BE CONCEALED. REFER TO MECHANICAL PLANS FOR LOCATIONS PRIOR TO ANY ROUGH-IN.
- E. CONTRACTOR SHALL ROUTE ALL POWER AND CONTROL CONDUITS FROM UNITS SHOWN CONCEALED IN UNIT AS SHOWN IN THE TYPICAL ACU POWER CONNECTION DETAIL. NO EXPOSED CONDUIT ON THE ROOF WILL BE PERMITTED.

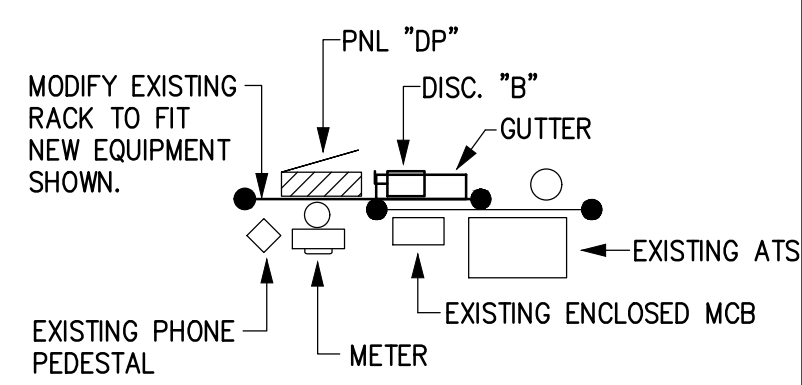
TRENCH KEYED NOTES

- 1 CONTRACTOR IS RESPONSIBLE FOR ALL TRENCHING, TESTING, AND BACKFILLING FOR ALL ELECTRICAL UG CONDUIT SYSTEMS SHOWN ON THIS PROJECT. IF TAMPED BACKFILL FAILS ARCHITECTURAL REQUIREMENTS, ADDITIONAL TAMPING WILL BE REQUIRED UNTIL MET. ADDITIONAL COST TO THE PROJECT WILL NOT BE ACCOUNTABLE FOR RE-COMPACTION FOR FAILED TESTING.
- 2 CONTRACTOR SHALL UTILIZE A SINGLE TRENCH FOR MULTIPLE CONDUIT IN CLOSE PROXIMITY.



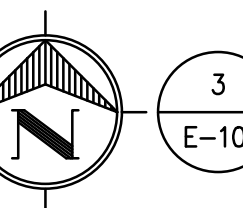
4 TRENCH DETAIL

E-101 SCALE: NONE

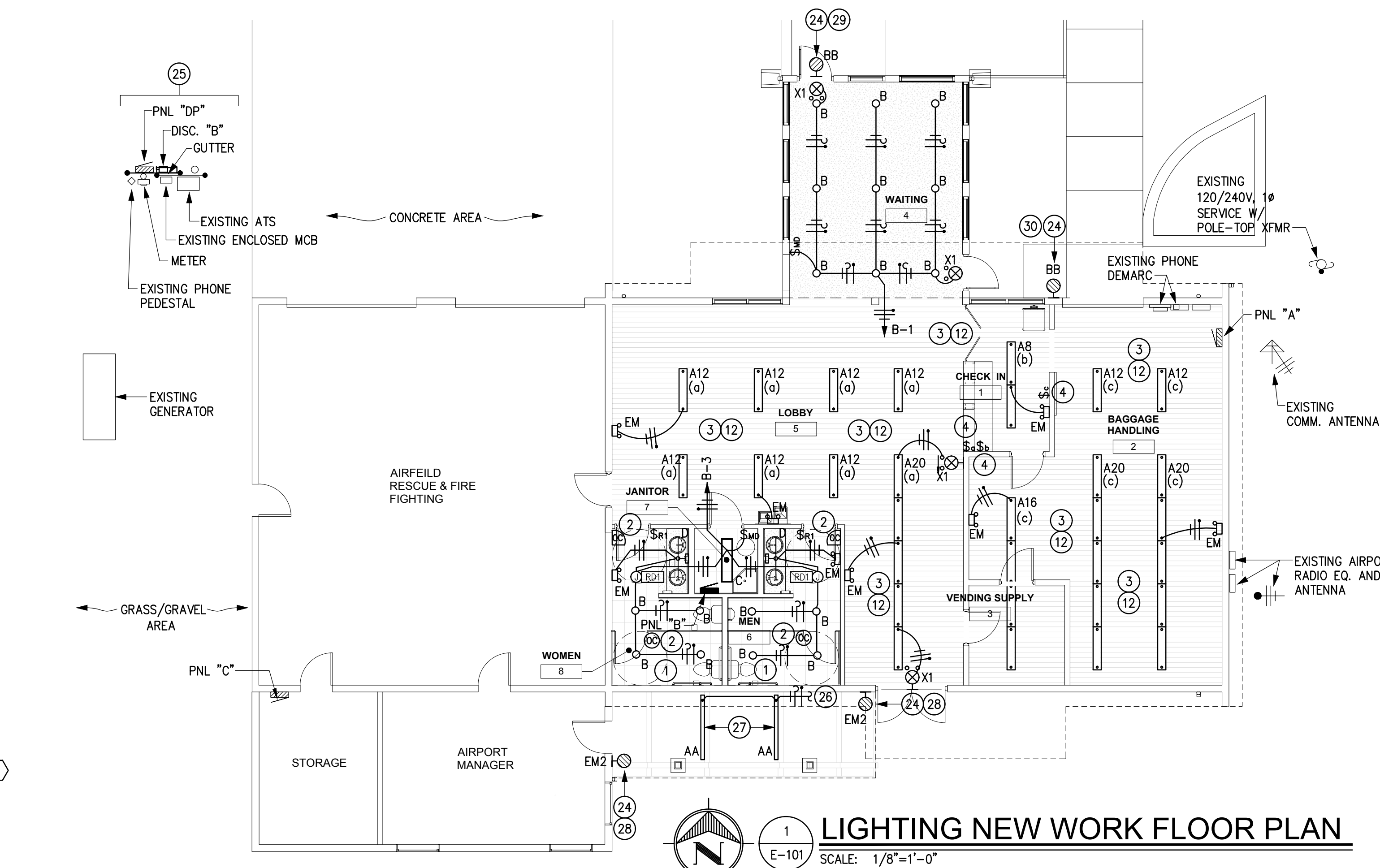


3 ENLARGED ELEC. PLAN

E-101 SCALE: 1/4"=1'-0" ELECTRICAL SERVICE

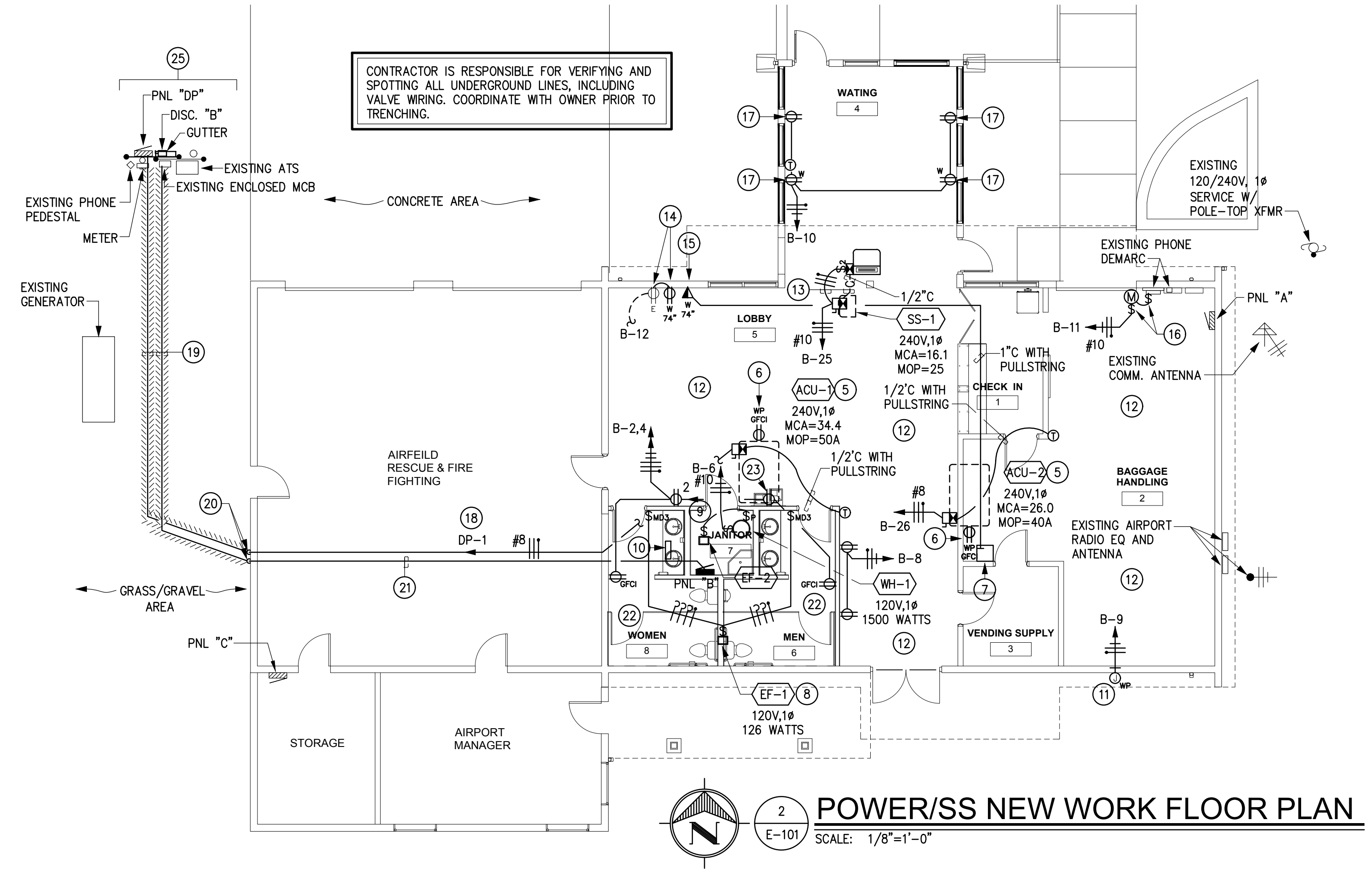


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1 LIGHTING NEW WORK FLOOR PLAN

E-101 SCALE: 1/8"=1'-0"



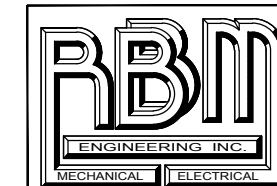
2 POWER/SS NEW WORK FLOOR PLAN

E-101 SCALE: 1/8"=1'-0"

KEYED NOTES

- 1 FOR THIS ROOM, CONTRACTOR SHALL PROVIDE, INSTALL, AND CONNECT OCCUPANCY SENSOR DEVICES AND CONTROLLERS AS SHOWN AND EXPLAINED IN DETAILS 4/E-002 AND 5/E-002. PROVIDE ALL LOW VOLTAGE WIRING REQUIRED FOR CONNECTIONS TO LIGHTING AS NEEDED. REFER TO SYMBOL LEGEND FOR TYPE OF WALL SWITCH, SENSORS, AND CONTROL REQUIRED FOR ROOM LAYOUT.
- 2 CONTRACTOR SHALL COORDINATE SENSOR DEVICE LOCATION WITH MANUFACTURER'S RECOMMENDATION. VERIFY LOCATION PRIOR TO ANY ROUGH-IN.
- 3 CONTRACTOR SHALL INSTALL NEW FIXTURES SHOWN AT LOCATION OF REMOVED FIXTURES. CONNECT TO EXISTING LIGHTING BRANCH CIRCUIT MAINTAINED DURING DEMOLITION FOR THIS ROOM/AREA. EXTEND CIRCUITRY AS NEEDED WITH SAME SIZE CONDUIT AND WIRE.
- 4 CONTRACTOR SHALL PROVIDE NEW SWITCH SHOWN AT LOCATION OF REMOVED SWITCH TO CONTROL LIGHTING AS NOTED. CONNECT IN SAME FASHION AS PER PRIOR TO REPLACING.
- 5 NEW ACU SCHEDULED WITH AN INTEGRAL DISCONNECT. CONTRACTOR SHALL PROVIDE ALL CONNECTIONS TO AND FROM UNIT AS REQUIRED PER THE MANUFACTURER'S RECOMMENDATION. CONNECT HOMERUN TO INTEGRAL DISCONNECT AND PANEL NOTED. REFER TO TYPICAL ACU POWER CONNECTION DETAIL FOR MORE INFORMATION.
- 6 NEW ACU SCHEDULED WITH AN INTEGRAL, NON-POWERED, CONVENIENCE OUTLET. CONTRACTOR SHALL PROVIDE A 120V CONNECTION REQUIRED TO THE INTEGRAL CONVENIENCE OUTLET FOR PROPER OPERATION PER ARTICLE 210.63 OF THE NEC. CONNECT OUTLET TO THE CLOSEST, NON-SWITCHED, CONVENIENCE OUTLET INSIDE THE BUILDING. REFER TO TYPICAL ACU POWER CONNECTION DETAIL FOR MORE INFORMATION.
- 7 LOCATION OF EXISTING IT RACK. STUB ALL NEW DATA CONDUITS TO BE PROVIDED TO THIS LOCATION. VERIFY STUB-UP LOCATION PRIOR TO ROUGH-IN.
- 8 CONTRACTOR SHALL POWER NEW EF SHOWN TO LIGHTING BRANCH CIRCUIT IN THE AREA. CONNECT EF TO A LINE VOLTAGE, 3-WAY OCC. SENSOR SWITCHES IN EACH OF THE ROOMS FOR CONTROL AS SHOWN.
- 9 CONTRACTOR SHALL POWER NEW EF SHOWN TO LIGHTING BRANCH CIRCUIT IN THE AREA. PROVIDE AND CONNECT TO PILOT SWITCH IN ROOM FOR CONTROL.
- 10 CONTRACTOR SHALL CONCEAL SPLICE BOX UNDERNEATH SINK COMPARTMENT. COORDINATE INSTALLATION PRIOR TO ANY WORK. REFER TO THE NEW WORK POWER RISER DIAGRAM AND ARCHITECTURAL PLANS FOR INSTALLATION.
- 11 CONTRACTOR SHALL INSTALL J-BOX AND CIRCUIT SHOWN AT THIS LOCATION FOR NEW LIT SIGNAGE. VERIFY MOUNTING HEIGHT AND LOCATION WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN. ROUTE CIRCUIT THRU NEW TIMECLOCK FOR CONTROL.
- 12 ALL NEW CONDUIT SYSTEMS SHOWN AND NOTED TO BE PROVIDED AND ROUTED THRU THIS ROOM/AREA SHALL BE CONCEALED IN CEILING SPACE ABOVE. NO EXPOSED CONDUIT SYSTEMS ON ROOF OR BELOW CEILING WILL BE PERMITTED. CONTRACTOR SHALL COORDINATE WITH G.C. TO REMOVE WOOD CEILING PANELS IN ORDER TO ROUTE NEW CONDUIT SYSTEMS ABOVE. REFER TO ARCHITECTURAL PLANS FOR MORE INFORMATION.
- 13 CONTRACTOR SHALL ROUTE BRANCH CIRCUIT AND CONTROL CONDUIT SHOWN FROM THE OUTDOOR UNIT TO THE INDOOR UNIT PARALLEL TO THE REFRIGERANT LINES FOR THE RESPECTIVE HVAC UNIT. PATCH ROOF AS REQUIRED. CONCEAL CONDUITS AS MUCH AS POSSIBLE.
- 14 CONTRACTOR SHALL INSTALL A SURFACE MOUNT OUTLET AT THIS LOCATION FOR TV MONITOR. CONNECT TO EXISTING OUTLET BELOW FOR POWER. UTILIZE WIREMOLD WHEN ROUTED ON WALLS AND TRANSITION TO CONDUIT WHEN ABOVE CEILING SPACE. NO EXPOSED CONDUIT WILL BE PERMITTED. PAINT OUTLET BOX AND WIREMOLD TO MATCH SURFACES.
- 15 CONTRACTOR SHALL INSTALL A SURFACE MOUNT DATA OUTLET WITH (2)-CAT6 CABLES AT THIS LOCATION FOR TV MONITOR. ROUTE CONDUIT AND CABLES AS SHOWN TO EXISTING IT RACK IN BAGGAGE HANDLING AREA. VERIFY IT RACK LOCATION WITH OWNER PRIOR TO ROUTING. UTILIZE WIREMOLD WHEN ROUTED ON WALLS AND TRANSITION TO CONDUIT WHEN ABOVE CEILING SPACE. NO EXPOSED CONDUIT WILL BE PERMITTED. PAINT OUTLET BOX AND WIREMOLD TO MATCH SURFACES. FACEPLATE AND FINAL CONNECTIONS AT OUTLET AND RACK BY THIS CONTRACTOR.
- 16 CONTRACTOR SHALL PROVIDE CIRCUIT AND ELECTRICAL CONNECTIONS AS REQUIRED FOR MOTORIZED OH DOOR AND INTEGRAL UP/DOWN SWITCH. VERIFY LOCATION WITH THE OWNER PRIOR TO ROUGH-IN.
- 17 CONTRACTOR SHALL INSTALL A SURFACE MOUNT OUTLET AT THIS LOCATION. CONNECT AS SHOWN FOR POWER. UTILIZE WIREMOLD WHEN ROUTED ON WALLS AND TRANSITION TO CONDUIT WHEN ABOVE CEILING SPACE. NO EXPOSED CONDUIT WILL BE PERMITTED. PAINT OUTLET BOX AND WIREMOLD TO MATCH SURFACES.
- 18 CONTRACTOR SHALL PROVIDE AND INSTALL A 50A/2P CB IN EXISTING PANEL NOTED ON HOMERUN TO POWER NEW HVAC UNIT. CB SHALL BE COMPATIBLE WITH EXISTING SIEMENS PANEL AND HAVE AN AIC RATING AS NOTED ON THE SHORT CIRCUIT CALCULATION. UPDATE DIRECTORY WHEN COMPLETED.
- 19 CONTRACTOR SHALL ROUTE NEW UG FEEDERS AS SHOWN THRU EXISTING GRASS/GRAVEL LANDSCAPE AREA. CUT, PATCH, AND REPAIR TO PRE-CONSTRUCTION CONDITIONS WHEN COMPLETED. REFER TO TRENCHING DETAIL ON THIS SHEET FOR MORE INFORMATION.
- 20 TRANSITION POINT FROM UG, TO EXPOSED ON EXTERIOR WALL, TO INSIDE THE BLDG. SPACE. CONTRACTOR SHALL ROUTE NEW UG FEEDERS SHOWN UP HIGH TO AVOID ANY OBSTRUCTIONS INSIDE THE BLDG. SPACE. PAINT EXPOSED CONDUITS TO MATCH SURFACES.
- 21 OPEN TO STRUCTURE IN THIS AREA. CONDUIT SYSTEM(S) ROUTED THRU THIS AREA SHALL BE INSTALLED UP HIGH AND MOUNTED FROM THE STRUCTURE. PAINT CONDUIT SYSTEMS TO MATCH SURFACES THEY ARE MOUNTED TO.
- 22 LAY-IN CEILING IN THIS ROOM/AREA. CONDUIT SYSTEM(S) ROUTED THRU THIS AREA SHALL BE LOCATED ABOVE THE CEILING SPACE. NO EXPOSED CONDUITS WILL BE PERMITTED IN THIS AREA.
- 23 CONTRACTOR SHALL CONNECT OUTLET SHOWN TO CLOSEST GFCI OUTLET FOR GFCI PROTECTION AS REQUIRED PER THE NEC.
- 24 CONTRACTOR SHALL PROVIDE NEW FIXTURE SHOWN AND CONNECT TO EXISTING EXTERIOR BRANCH CIRCUIT IN THE AREA FOR POWER AND CONTROL. PROVIDE A CONTINUOUS HOT AS REQUIRED FOR EM OPERATION WHEN APPLICABLE.
- 25 REFER TO ENLARGED PLAN FOR PROPOSED ELECTRICAL SERVICE EQUIPMENT LOCATIONS.
- 26 CONTRACTOR SHALL CONNECT NEW FIXTURES SHOWN TO EXISTING EXTERIOR LIGHTING CIRCUIT FOR POWER AND CONTROL. INTERCEPT EXISTING EXTERIOR CIRCUIT IN THE AREA AND EXTEND TO NEW FIXTURES NOTED. UTILIZE SAME SIZE CONDUIT AND WIRE.
- 27 CONTRACTOR SHALL INSTALL FIXTURE(S) SHOWN UNDERNEATH STEEL CANOPY, ADJACENT TO BEAMS SHOWN. COORDINATE WITH ARCHITECTURAL/STRUCTURAL PLANS FOR MORE INFORMATION AND DIRECTION PRIOR TO ROUGH-IN.
- 28 CONTRACTOR SHALL INSTALL FIXTURE BELOW CANOPY, 12" AWAY FROM SIDE OF DOOR FRAME.
- 29 CONTRACTOR SHALL INSTALL FIXTURE 6" ABOVE CENTER OF DOOR FRAME. 6" IS FROM BOTTOM OF FIXTURE TO TOP OF DOOR FRAME.
- 30 CONTRACTOR SHALL INSTALL FIXTURE 10' A.F.F.

REFER TO SHEET G-001 FOR BID LOT DESCRIPTIONS



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ASA PROJECT NO.:
 PROJECT NO: 19104L
 DRAWN BY: RBM
 CHECKED BY: RBM
 SHEET TITLE:
 ELECTRICAL LIGHTING AND POWER NEW WORK FLOOR PLANS
 SHEET NO:
 E-101



GRANT COUNTY AIRPORT TERMINAL RENOVATION
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MARK	DATE	DESCRIPTION
ISSUE:	JULY 3, 2019	

ASA PROJECT NO.:
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