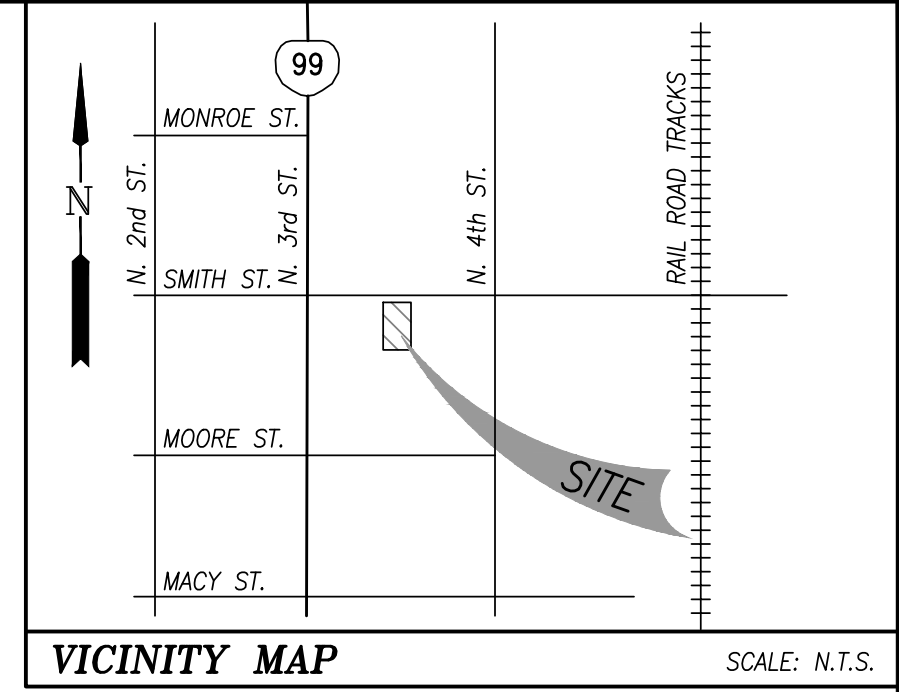
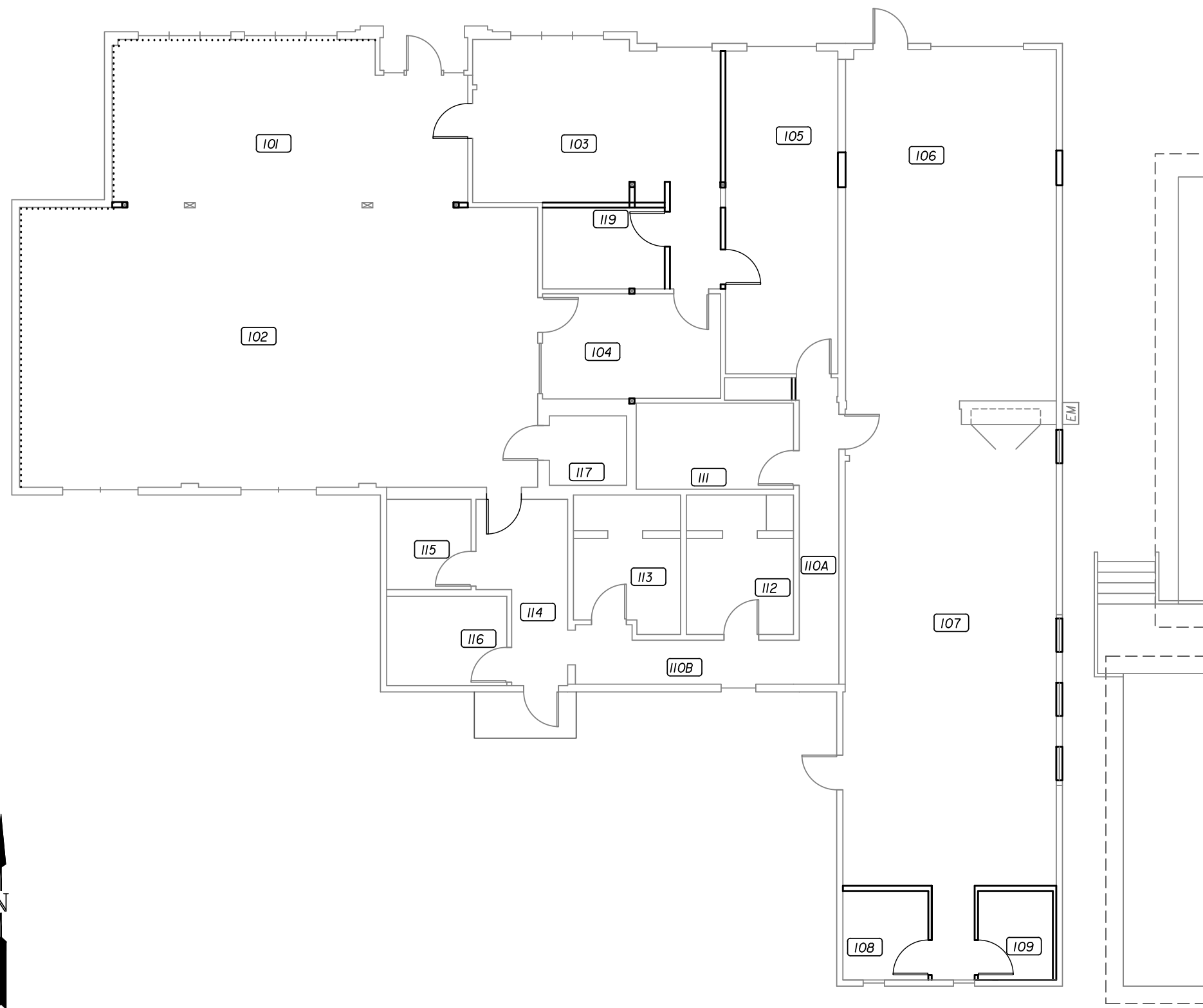


NEW ADDITION / REMODEL AT EXISTING JUSTICE CENTER HARRISBURG, OREGON



BUILDING CODE COMPLIANCE

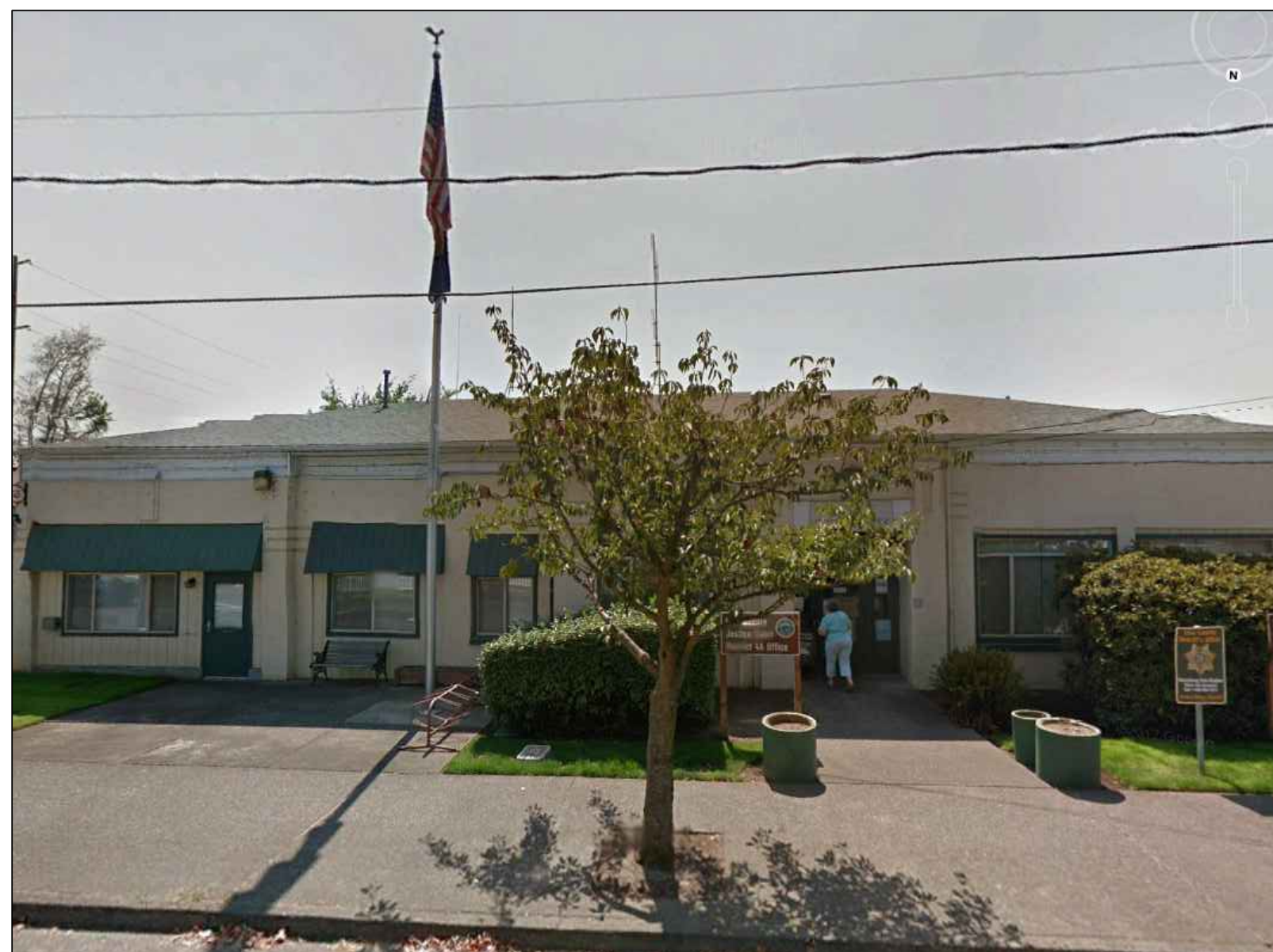
APPLICABLE CODE:	2014 OREGON STRUCTURAL SPECIALTY CODE
BUILDING AUTHORITY:	CITY OF HARRISBURG
OCCUPANCY CLASSIFICATION:	A-3
CONSTRUCTION TYPE:	TYPE V-B NON-SPRINKLERED
FRONTAGE INCREASE:	F=235', P=346', $l_f=0.43$, W=30'
BASIC ALLOWABLE AREA =	6,000 FT ²
ADJUSTED ALLOWABLE AREA =	8,575 FT ²
TOTAL AREA OF EXISTING BUILDING =	4,973 FT ²
BASIC ALLOWABLE NUMBER OF STORIES:	1
PROPOSED NUMBER OF STORIES:	1
BASIC ALLOWABLE BUILDING HEIGHT:	40 FT
EXISTING BUILDING HEIGHT:	±18.4 FT

DEFERRED SUBMITTALS

ELECTRICAL, PLUMBING & MECHANICAL DESIGNS

SHEET INDEX

G001	COVER SHEET
A100	DEMOLITION PLAN
A101	FLOOR PLAN
A102	REFLECTED CEILING PLAN
A103	ROOF PLAN
A104	EGRESS PLAN
A200	DEMOLITION ELEVATIONS
A201	PROPOSED ELEVATIONS
A301	SECTIONS
A401	RESTROOM INTERIOR ELEVATIONS & NOTES
A501	ARCHITECTURAL DETAILS
A601	DOOR, HARDWARE, & WINDOW SCHEDULES
A602	FINISH SCHEDULE & KITCHEN ELEVATIONS
S001	STRUCTURAL NOTES
S002	STRUCTURAL NOTES
S101	FOUNDATION & ROOF FRAMING PLAN
S501	STRUCTURAL FOUNDATION DETAILS

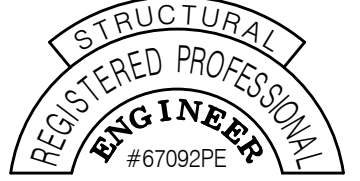


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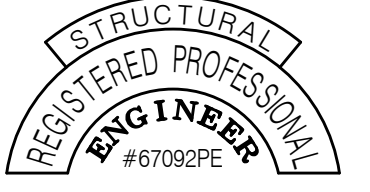
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revisions:

date: JAN. 28, 2019
drawn by: MD
designer: RH
project no: 18-009b

**COVER SHEET
& CODE
COMPLIANCE**

sheet:
G001



project title:

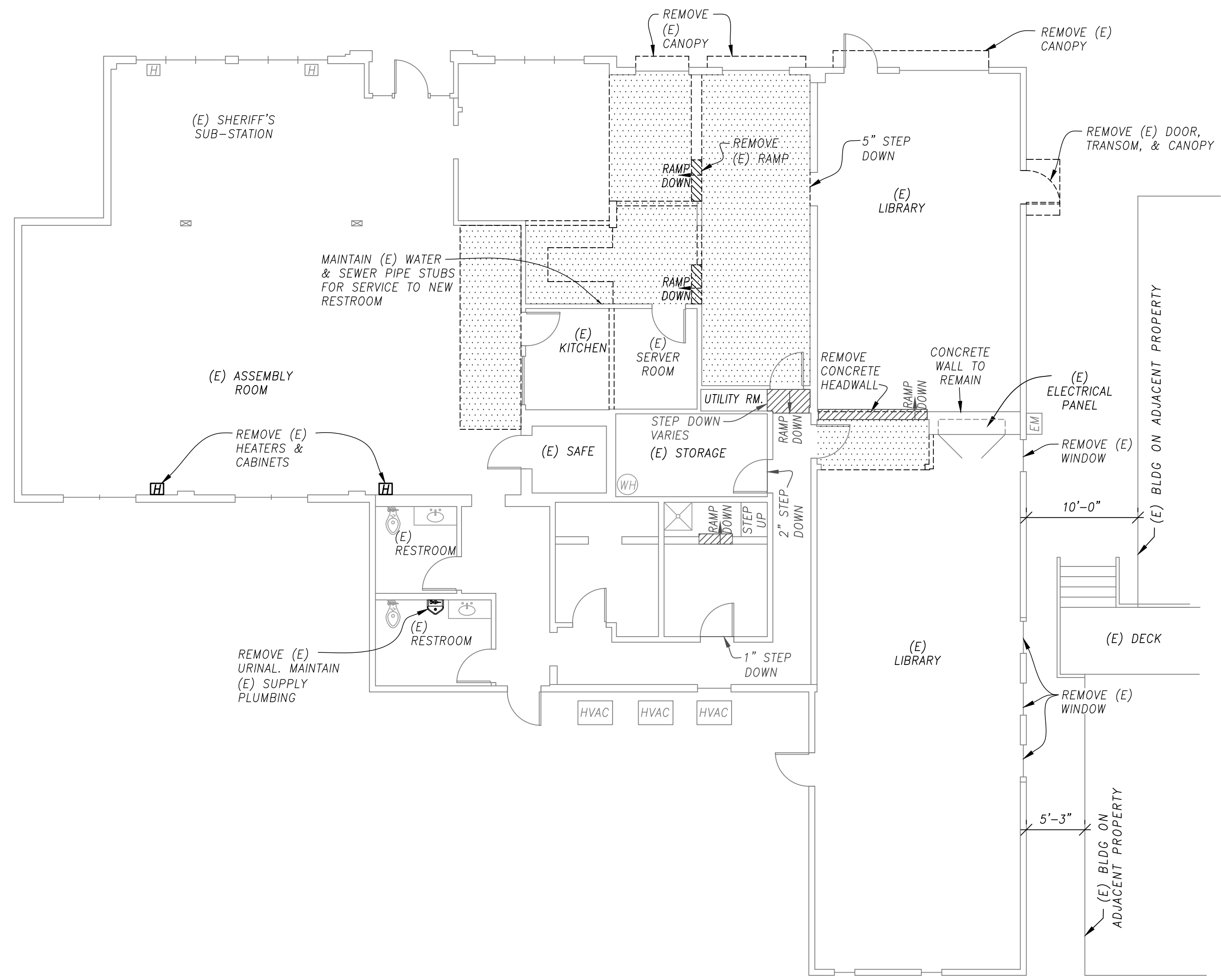
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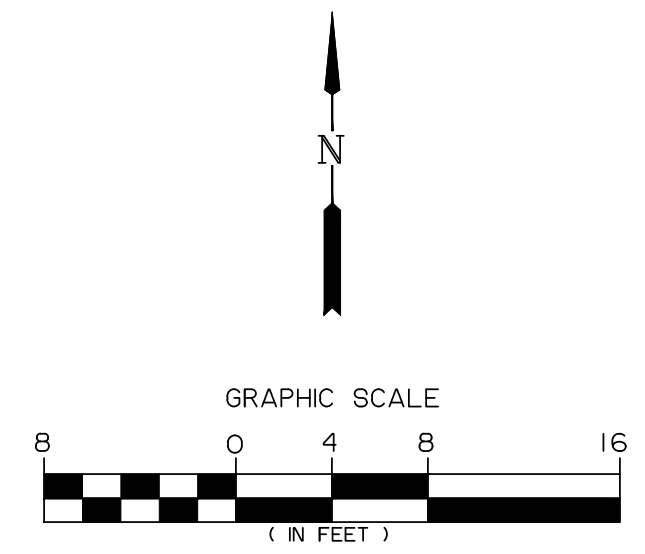
DEMOLITION PLAN

sheet: **A100**

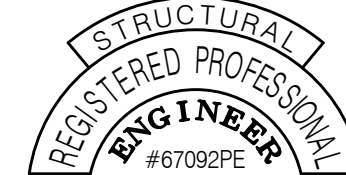


LEGEND

- EXISTING**
- WALL
 - WALL TO BE DEMOLISHED
 - DOOR
 - REMOVE (E) CEILING
 - EXISTING



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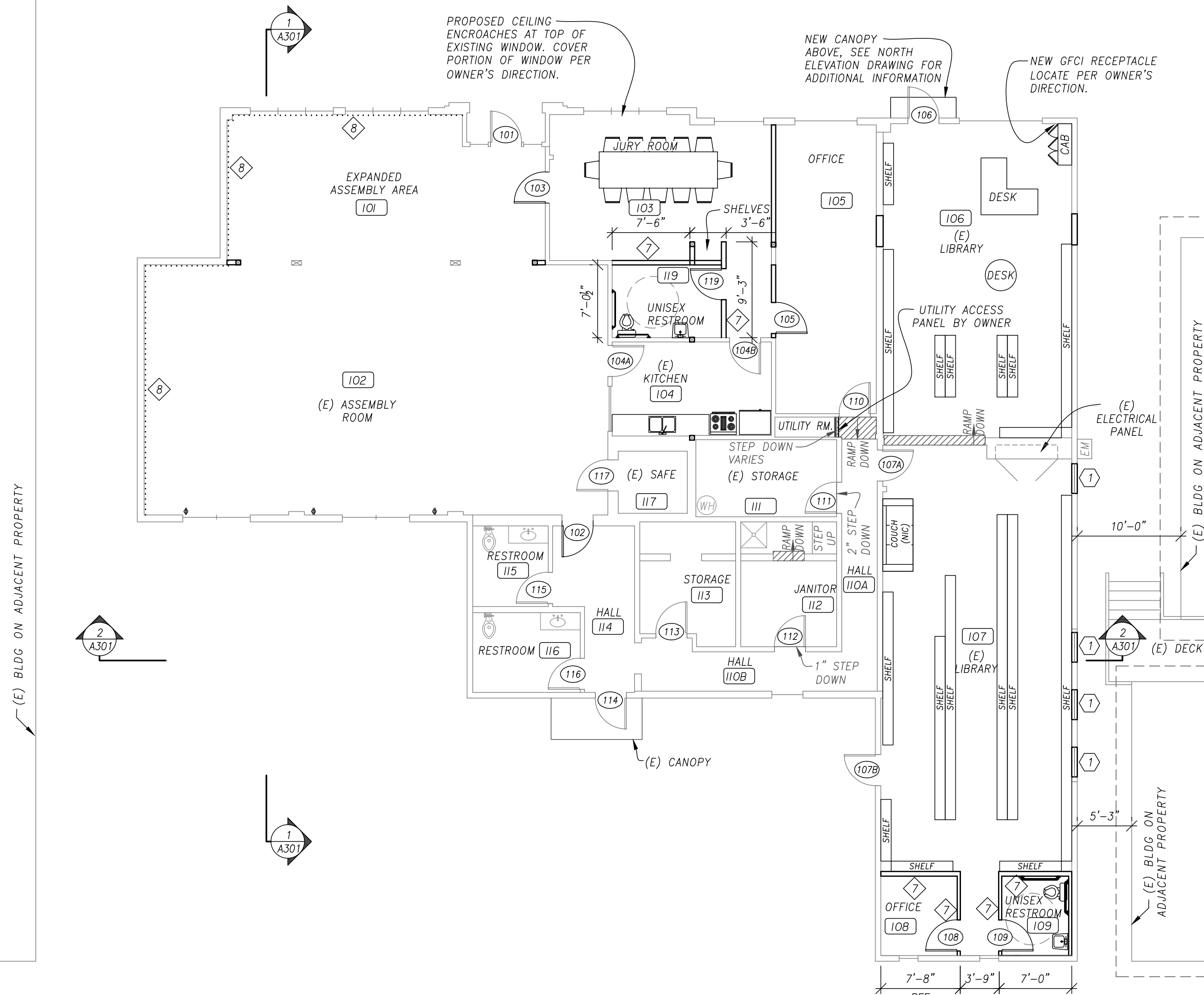
designer: RH

project no: 18-009b

FLOOR PLAN

sheet:

A101

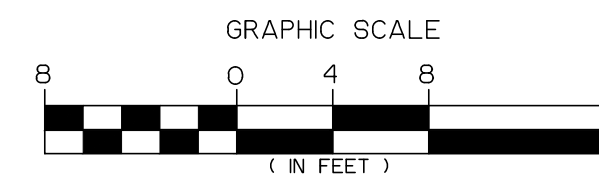
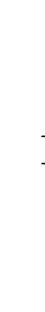


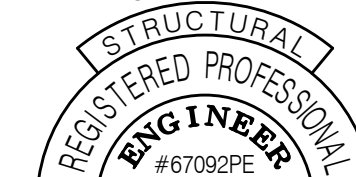
LEGEND

EXISTING		PROPOSED			
	WALL		WALL		WALL ASSEMBLY PER SHEET A501
	WALL FURRING		WALL FURRING		ROOM NUMBER
	DOOR		DOOR		DOOR NUMBER
	FLOOR SLOPE		WINDOW (w/ INFILL FRAMING WHERE OCCURRING AT EXISTING OPENING)		RECEPTACLE
					WINDOW NUMBER

SHEET NOTES:

1. PROPOSED EXTERIOR WALLS PER 4/A501, U.N.O.
2. PROPOSED INTERIOR WALLS PER 5/A501, U.N.O.
3. INSTALL SIGN IN KITCHEN STATING "NO DEEP-FAT FRYING PERMITTED".





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project title:

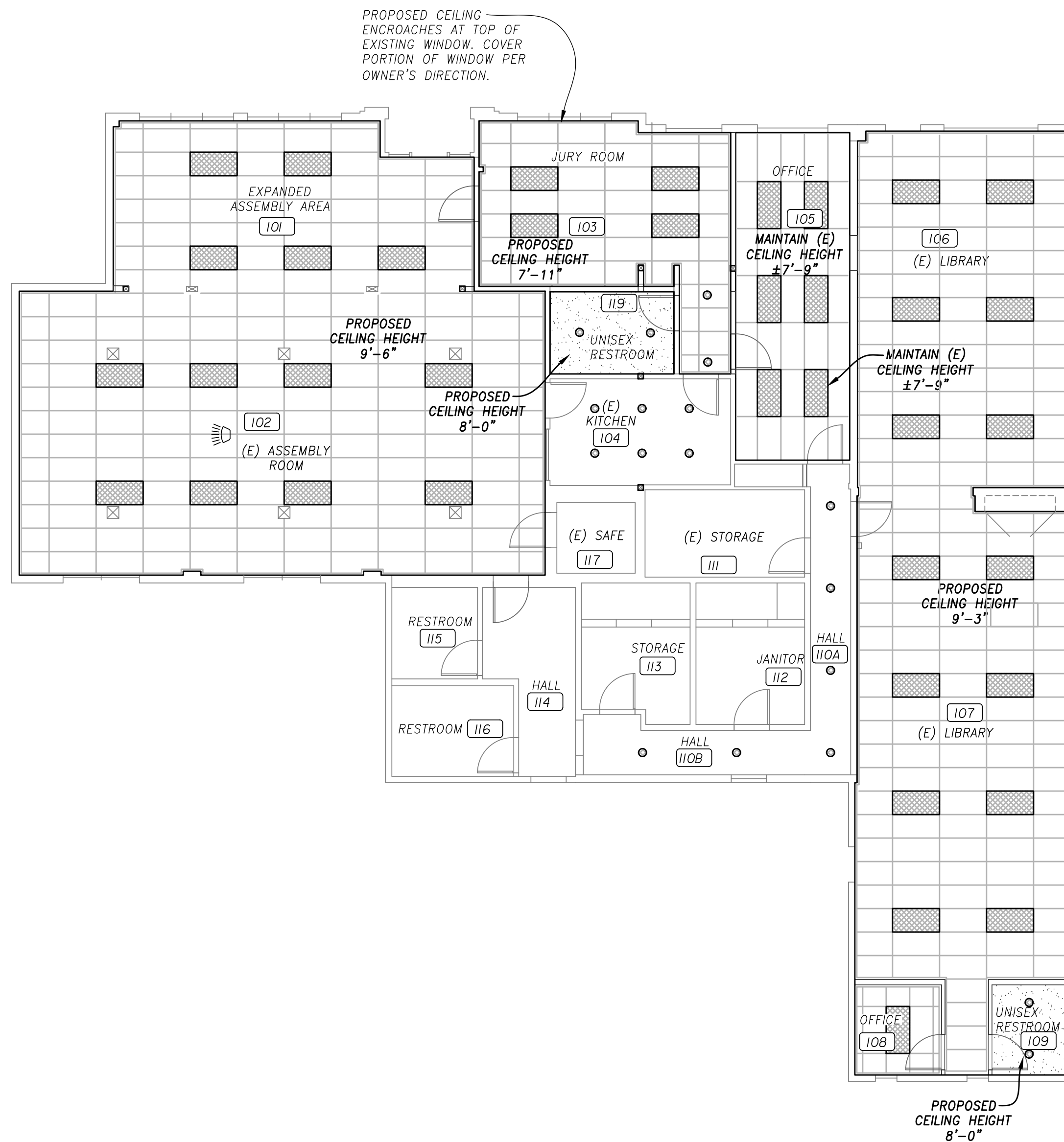
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date: JAN. 28, 2019
drawn by: MD
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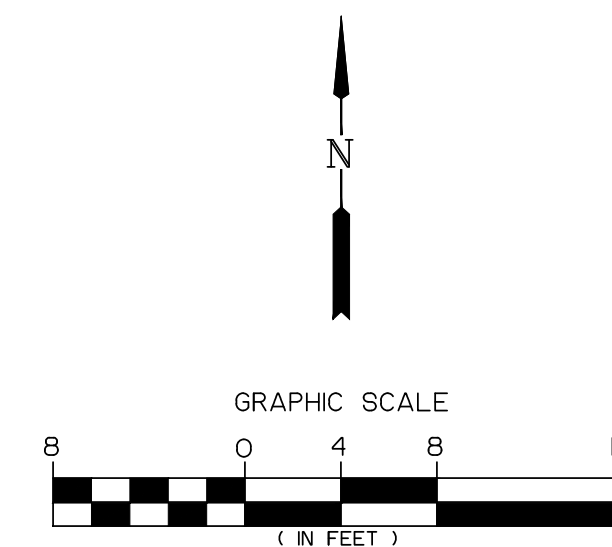
**REFLECTED
CEILING PLAN**

sheet:
A102

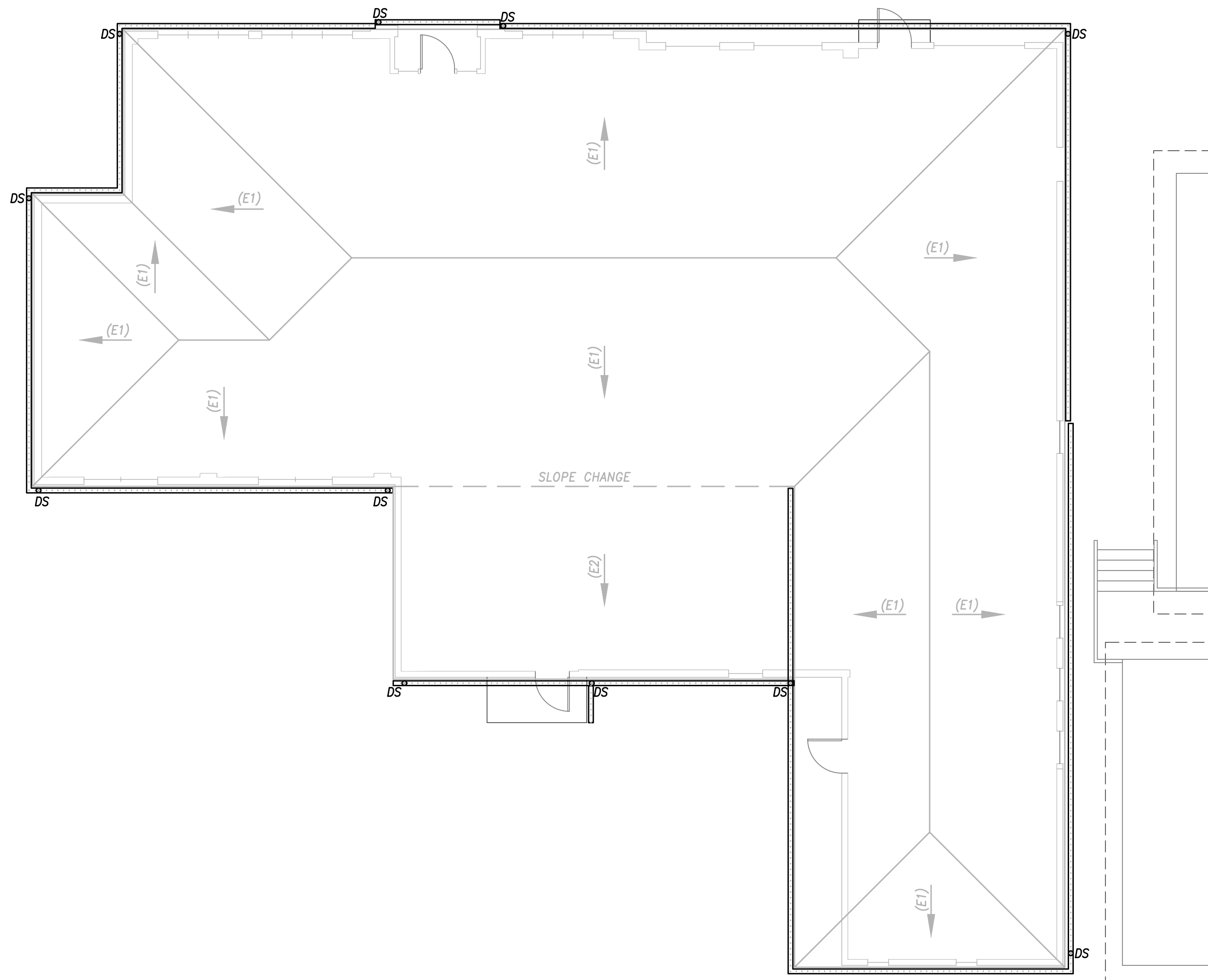


LEGEND

EXISTING	WALL	PROPOSED	WALL
☒	AIR DUCTS		ACOUSTIC CEILING TILE
			GYP BD CEILING PER 3/A501
			4x2 LED LAY-IN LIGHT FIXTURE
			OVERHEAD PROJECTOR, OFCI.
			RECESSED LIGHT FIXTURE PER OWNER'S DIRECTIONS



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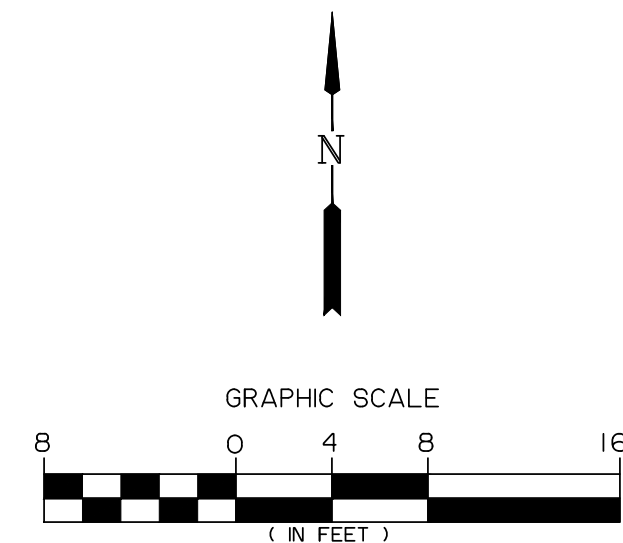


LEGEND:

EXISTING	PROPOSED	
DS ● (REMOVE)	DS ○	DOWNSPOUT
..... (REMOVE)	—	GUTTER
(E#)		ROOF SLOPE

SHEET NOTES:

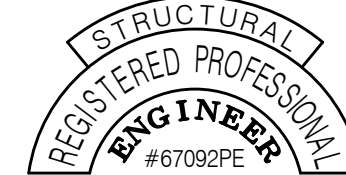
1. CONTRACTOR SHALL FIELD VERIFY (E) ROOF SLOPE, AS NEEDED.
2. EXISTING GUTTER & DOWNSPOUTS SHOWN ARE TO BE REMOVED & REPLACED.



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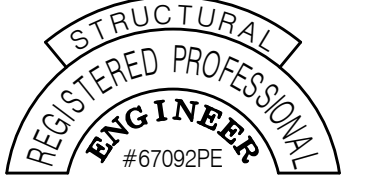
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ROOF PLAN

sheet:

A103



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DEC. 30, 2011
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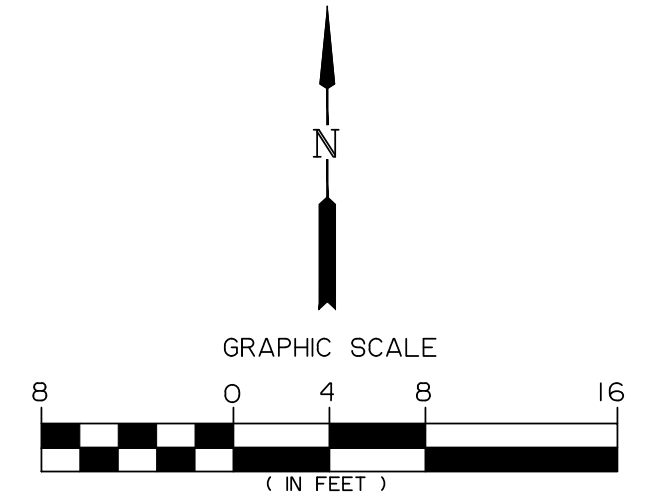
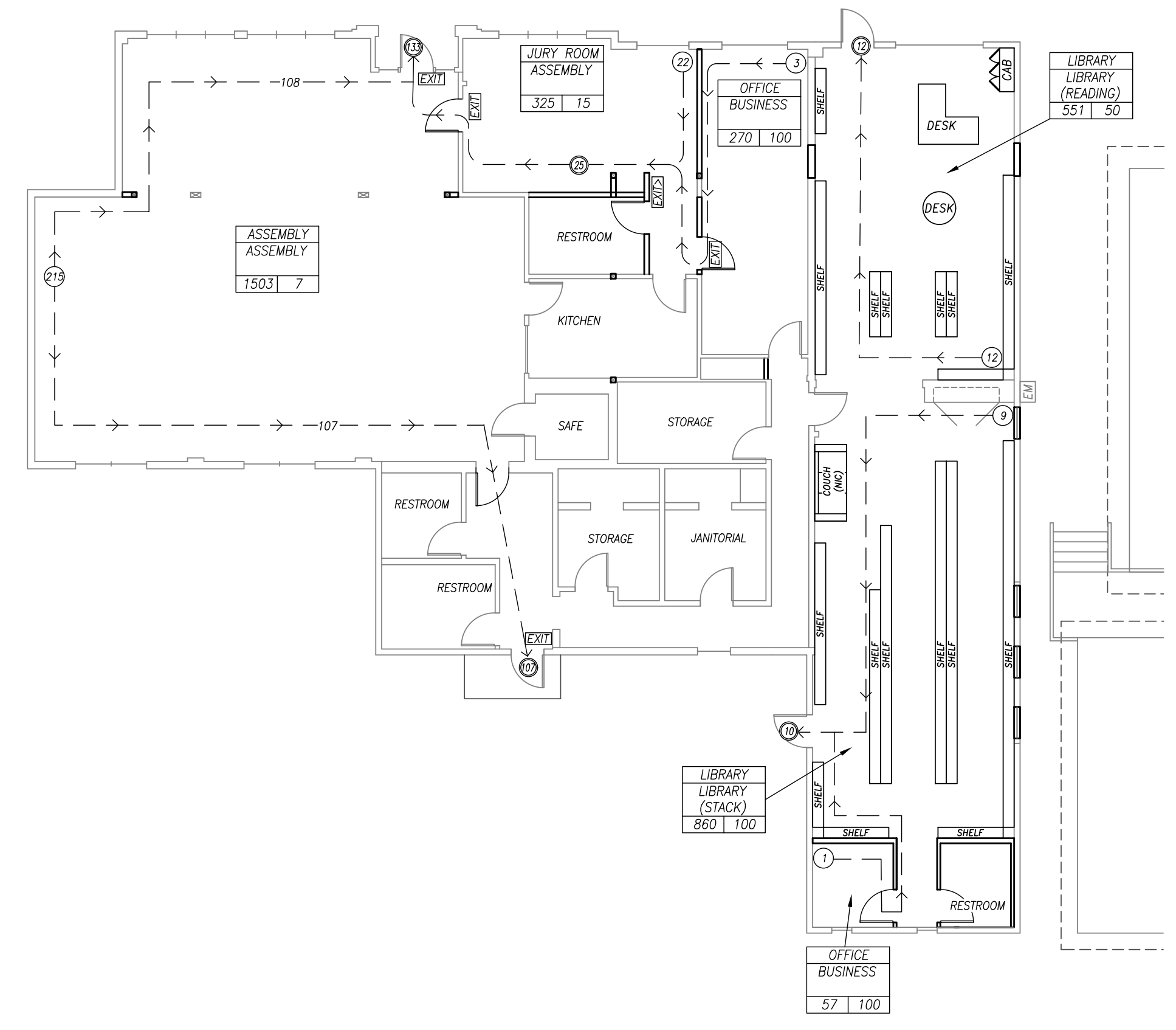
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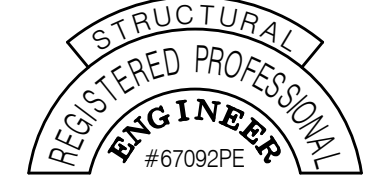
EGRESS PLAN

sheet:
A104



EGRESS LEGEND

- | | | |
|--|--|--|
| | | OCCUPANT LOAD FOR ROOM |
| | | CUMULATIVE OCCUPANT LOAD |
| | | SCHEMATIC EXIT PATH WITH DIRECTION OF TRAVEL & SPLIT OCCUPANT LOAD WHERE OCCURRING |
| | | INTERNALLY ILLUMINATED EXIT SIGN OVER DOORWAY |
| | | INTERNALLY ILLUMINATED DIRECTIONAL EXIT SIGN OVER DOORWAY |



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project title:

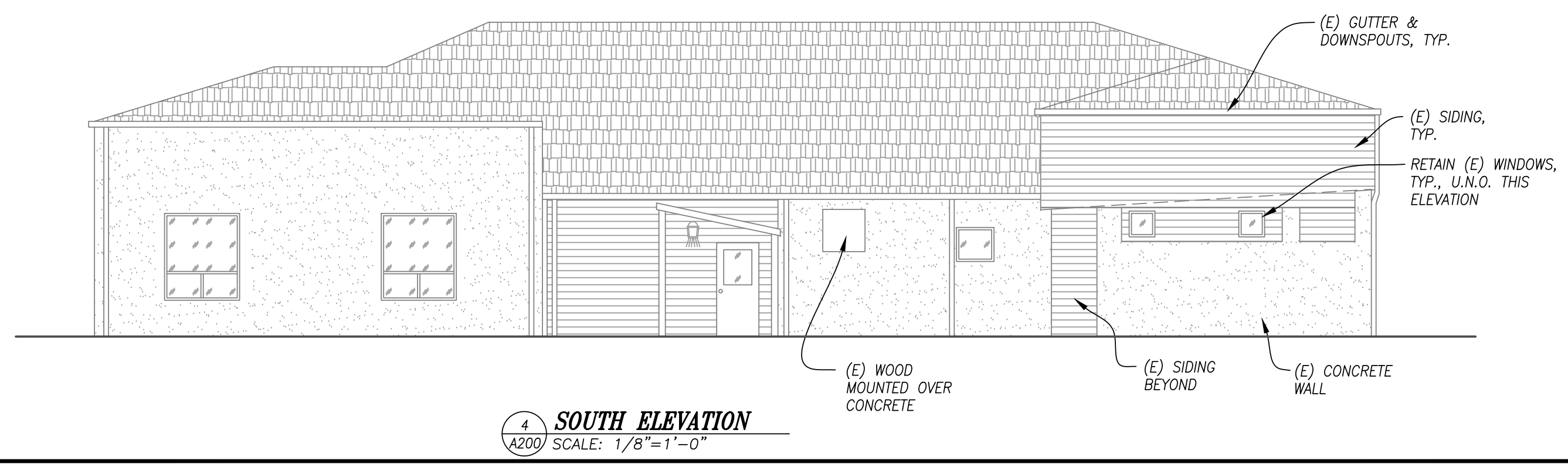
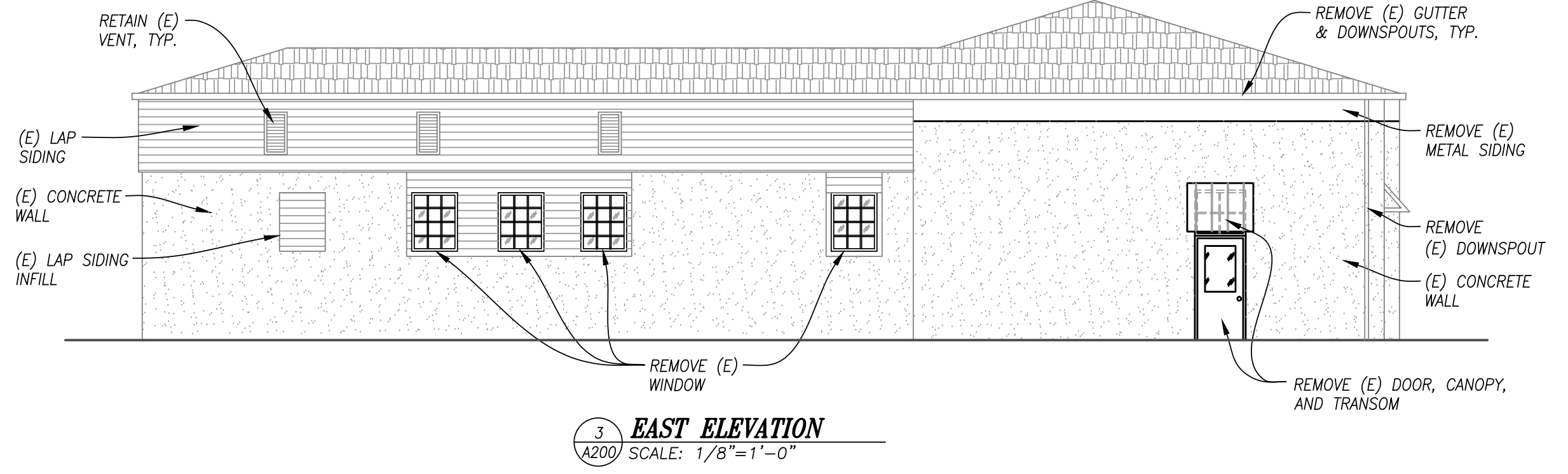
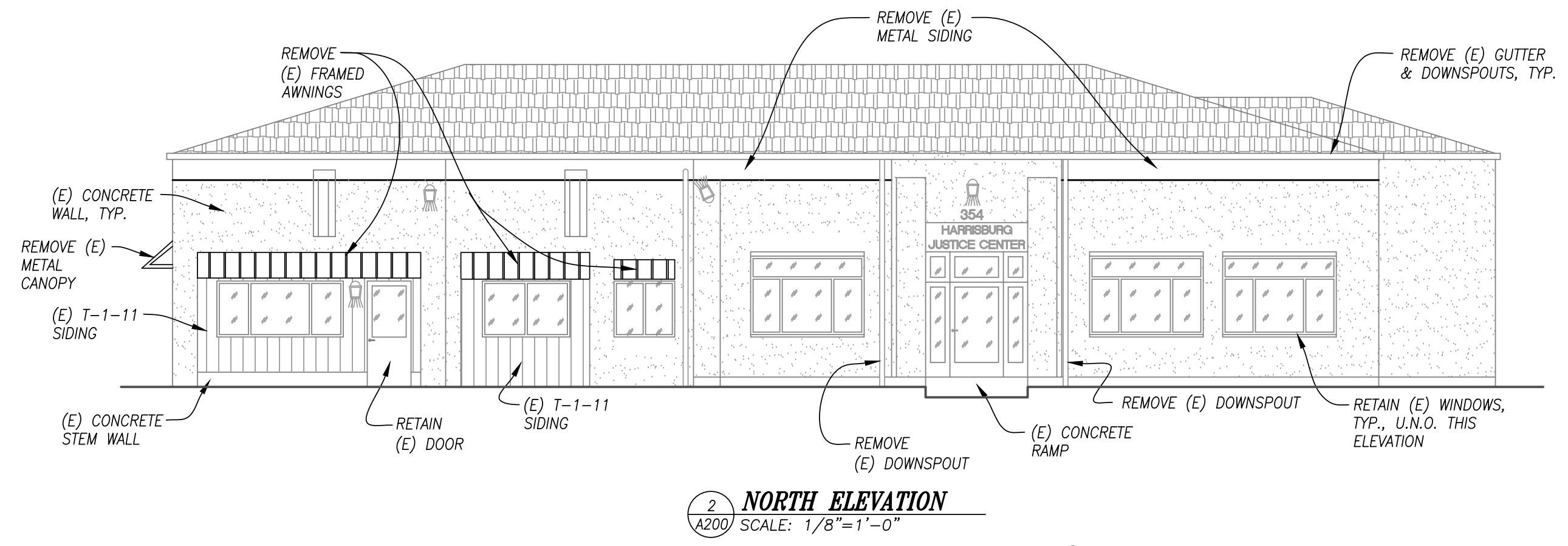
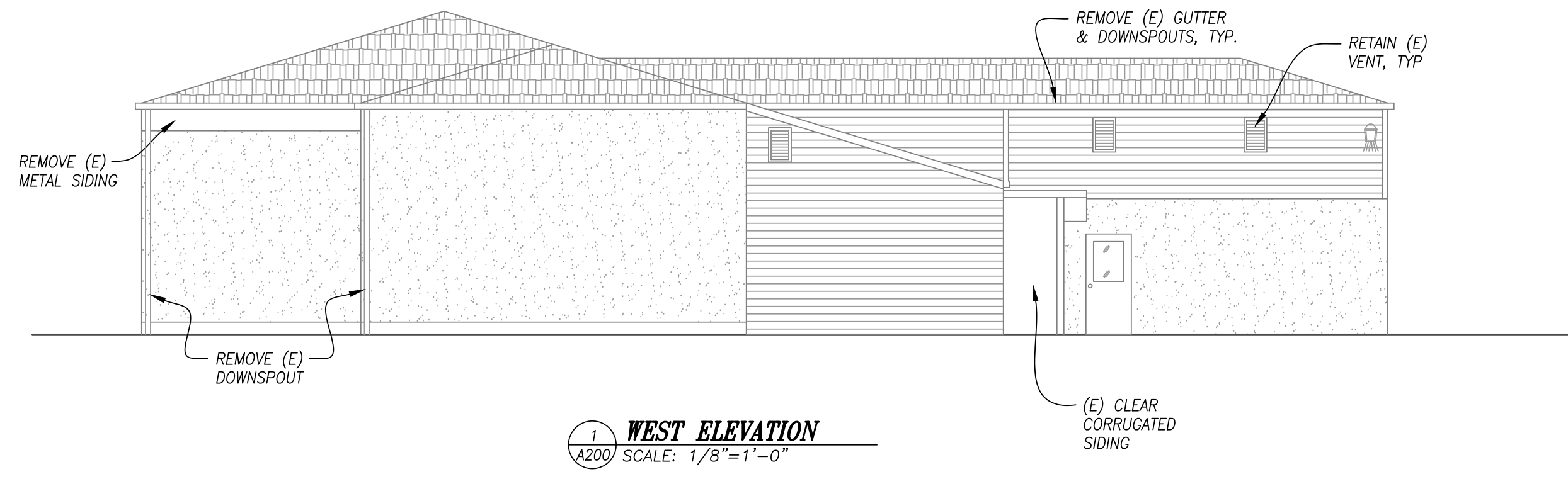
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designer: RH
project no: 18-009b

**DEMOLITION
ELEVATIONS**

sheet:
A200



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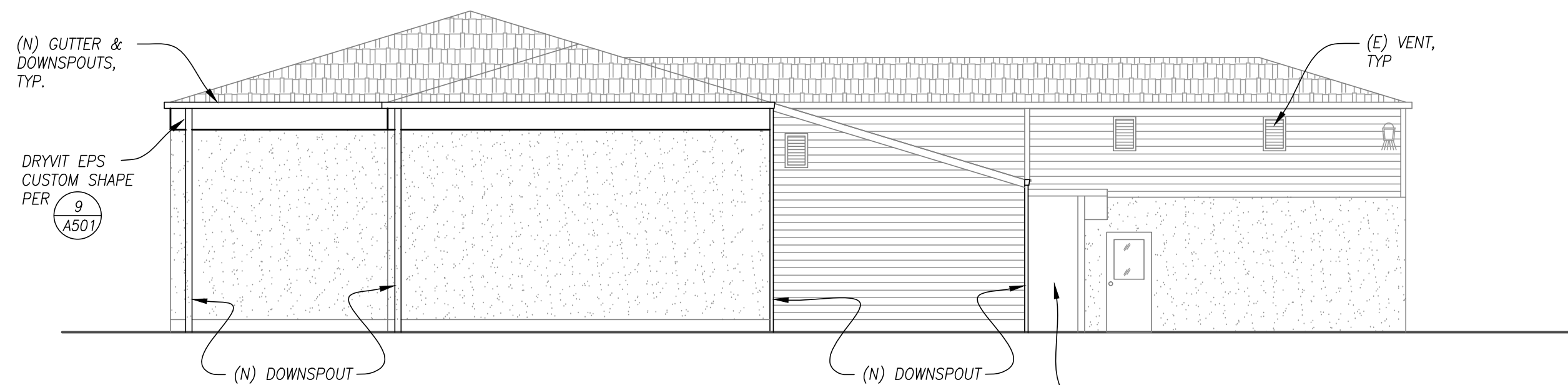
designer: RH

project no: 18-009b

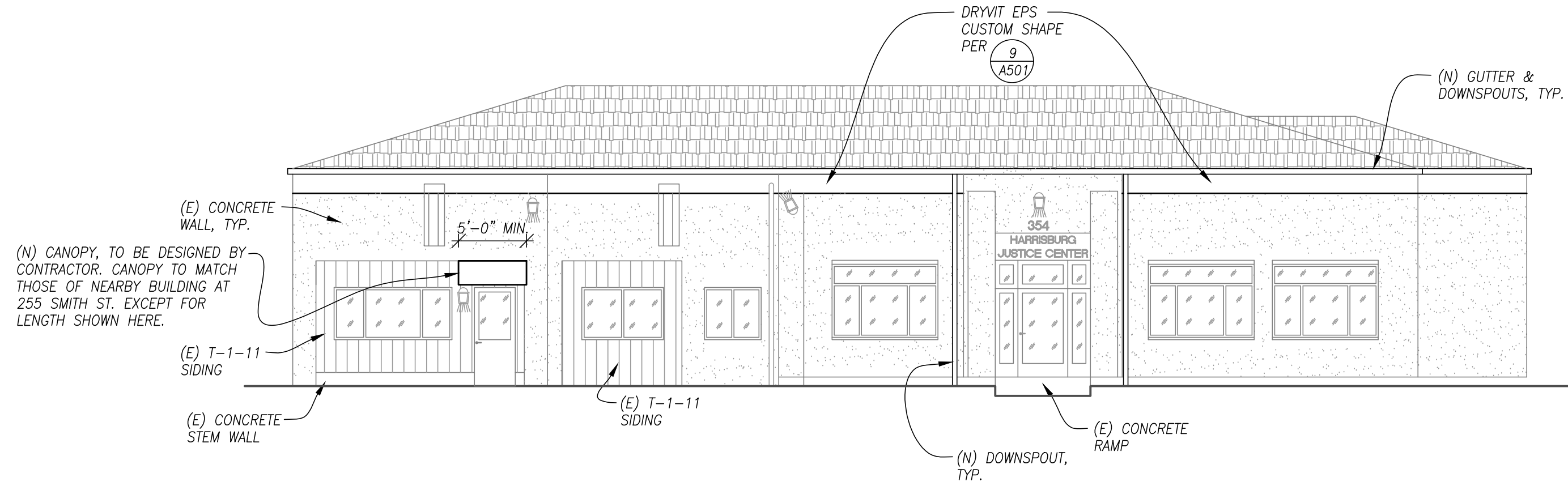
**PROPOSED
ELEVATIONS**

sheet:

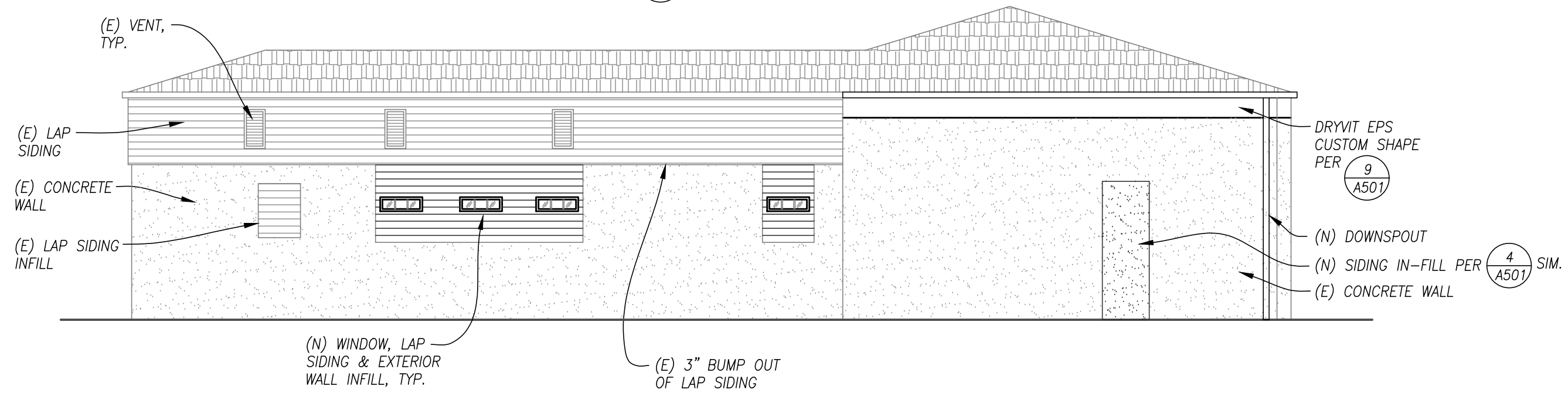
A201



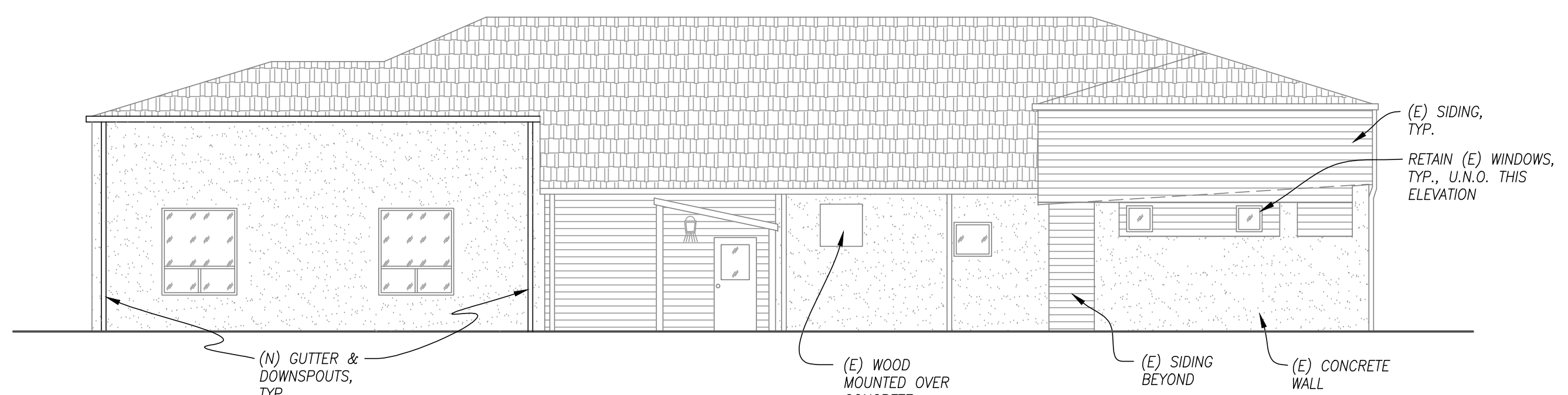
1 WEST ELEVATION
SCALE: 1/8"=1'-0"



2 NORTH ELEVATION
SCALE: 1/8"=1'-0"



3 EAST ELEVATION
SCALE: 1/8"=1'-0"

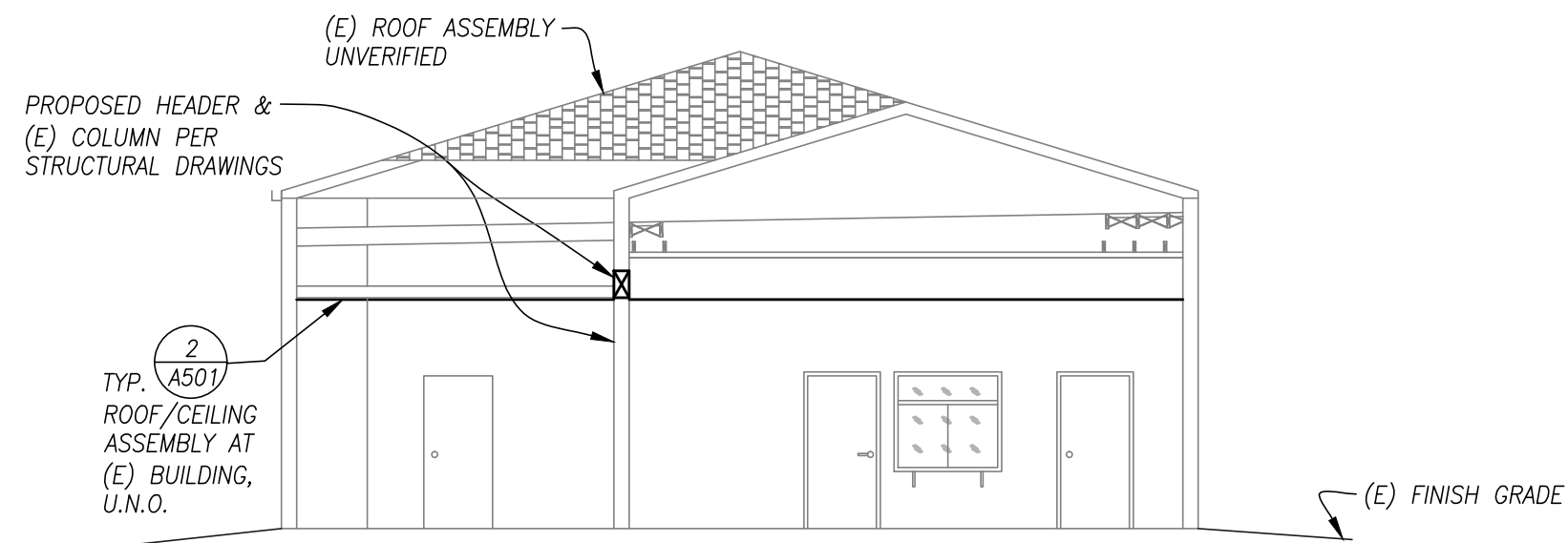


4 SOUTH ELEVATION
SCALE: 1/8"=1'-0"

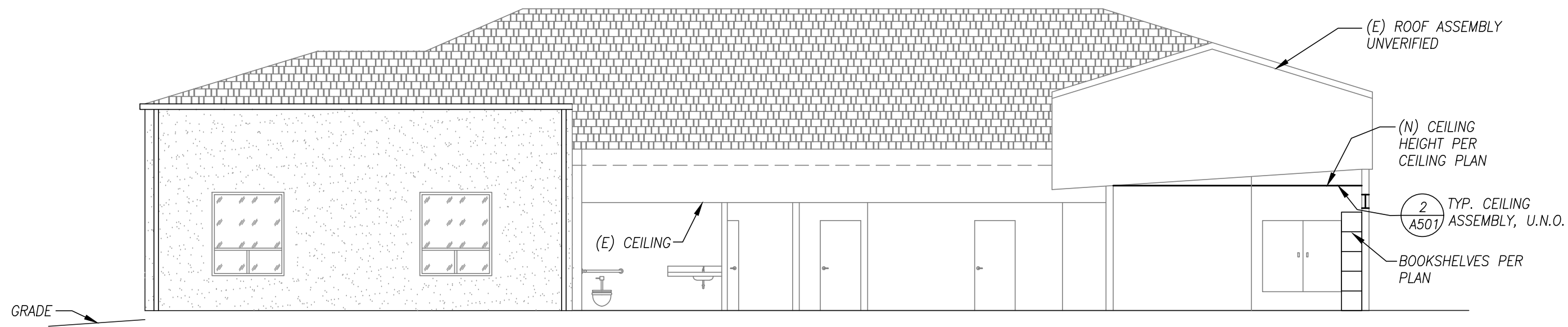
SHEET NOTE

1. PAINT ALL EXTERIOR WALLS, TRIMS, PAINT-GRADE DOORS, GUTTERS, DOWNSPOUTS, & OTHER APPLICABLE EXTERIOR EXPOSED SURFACES.
2. ALL EXTERIOR PAINT COLORS & SHEEN SHALL BE AS DIRECTED BY OWNER.

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1 SECTION
A301 SCALE: 1/8"=1'-0"



2 SECTION
A301 SCALE: 1/8"=1'-0"



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designer: RH
project no: 18-009b

SECTIONS

sheet:
A301

project title:

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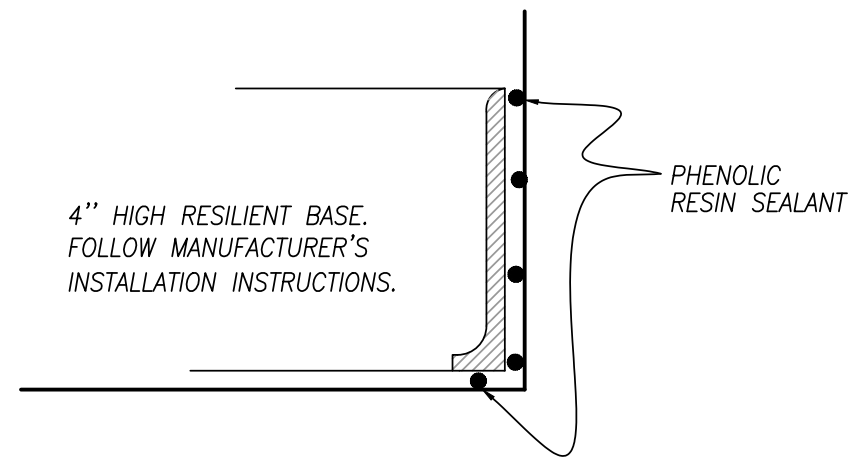
**NEW RESTROOM
INTERIOR
ELEVATIONS &
NOTES**

sheet:
A401

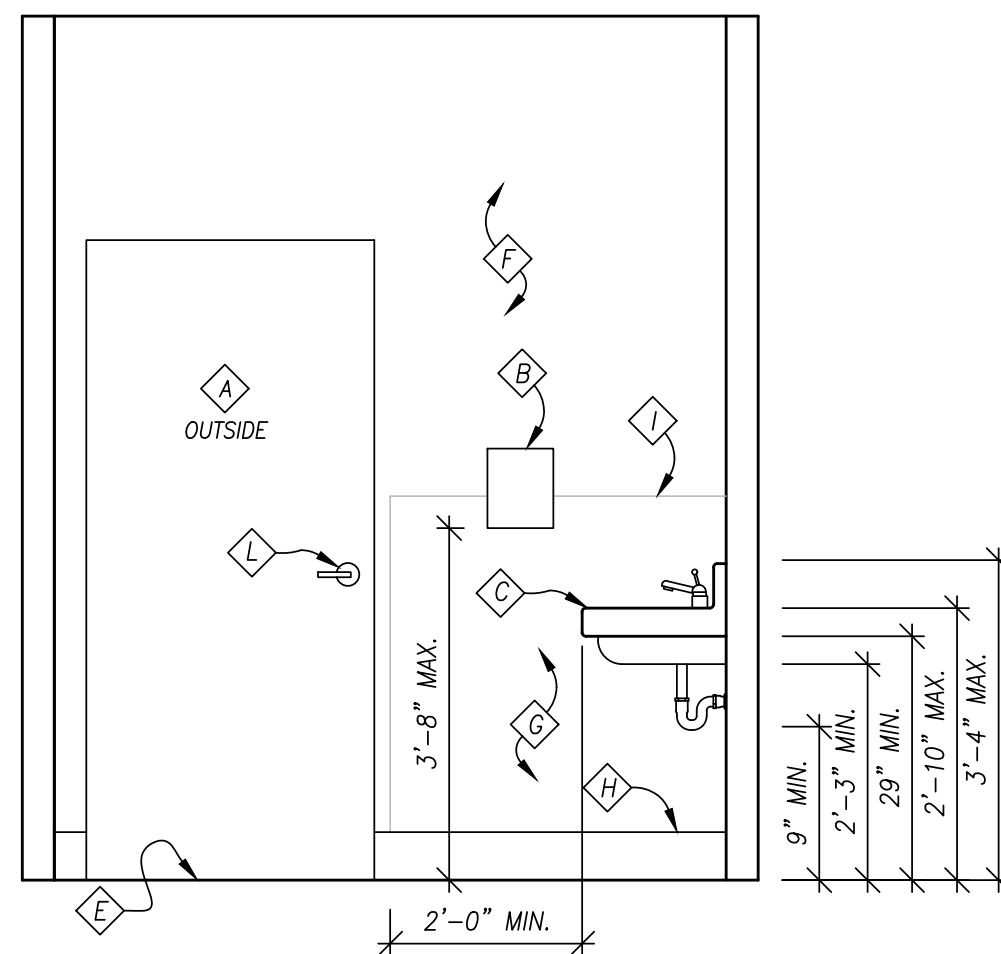
NOTES

- A** UNISEX SIGN
- B** PAPER TOWEL DISPENSER
- C** WALL-HUNG PORCELAIN LAVATORY SINK
R-3 INSULATION ON EXPOSED PIPING
- D** **ROOM 109:**
AMERICAN-STANDARD "KADET" ADA
COMPLIANT WATER CLOSET
ROOM 119:
LIBERTY PUMPS ASCENT II MACERATING ADA
COMPLIANT TOILET SYSTEM
- E** SHEET-VINYL FINISH FLOOR
- F** GYPSUM WALLBOARD LEVEL 5 FINISH
SMOOTH TEXTURE WITH (2)-COAT PAINT
SYSTEM
- G** SHEET VINYL WAINSCOT 48" HIGH AND WITHIN 48" OF
WATER CLOSET.
- H** 4" RESILIENT BASE, COMPLY WITH MANUFACTURER'S
SANITARY BASE INSTALLATION INSTRUCTIONS
- I** METAL EDGING FOR WAINSCOT
- J** TOILET PAPER DISPENSER "BRADLEY"
MODEL 5084 OR APPROVED ALTERNATE
- K** GRAB BAR "BRADLEY" 059 OR APPROVED ALTERNATE
- L** ACCESSIBLE DOOR HANDLE
- M** 24"x36" MIRROR
- N** SOAP DISPENSER

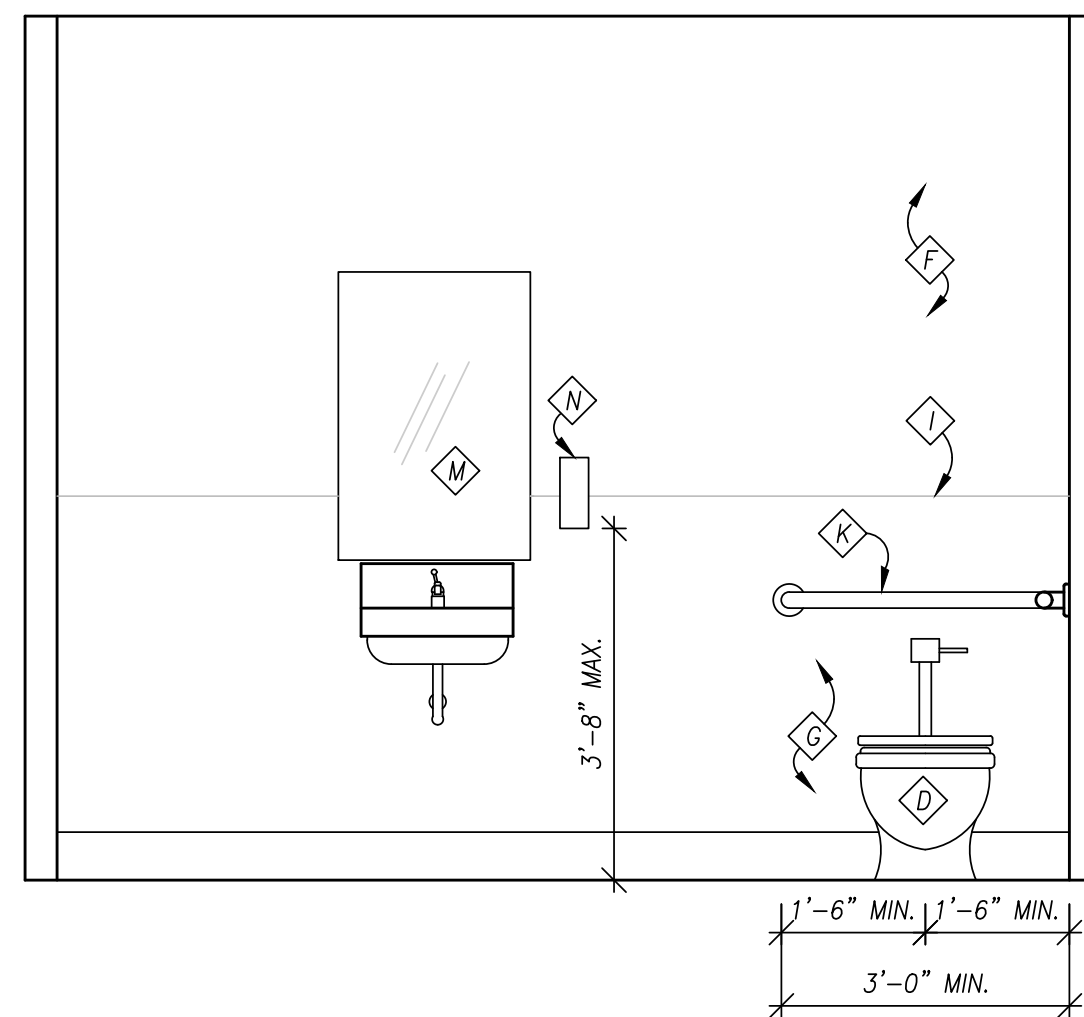
ALL RESTROOM ACCESSORIES TO BE AS PER OWNER'S SELECTION IF NOT OTHERWISE INDICATED.
ELEVATIONS SHOWN BELOW ARE FOR ROOM 119. USE SAME REQUIREMENTS FOR ROOM 109, U.N.O.



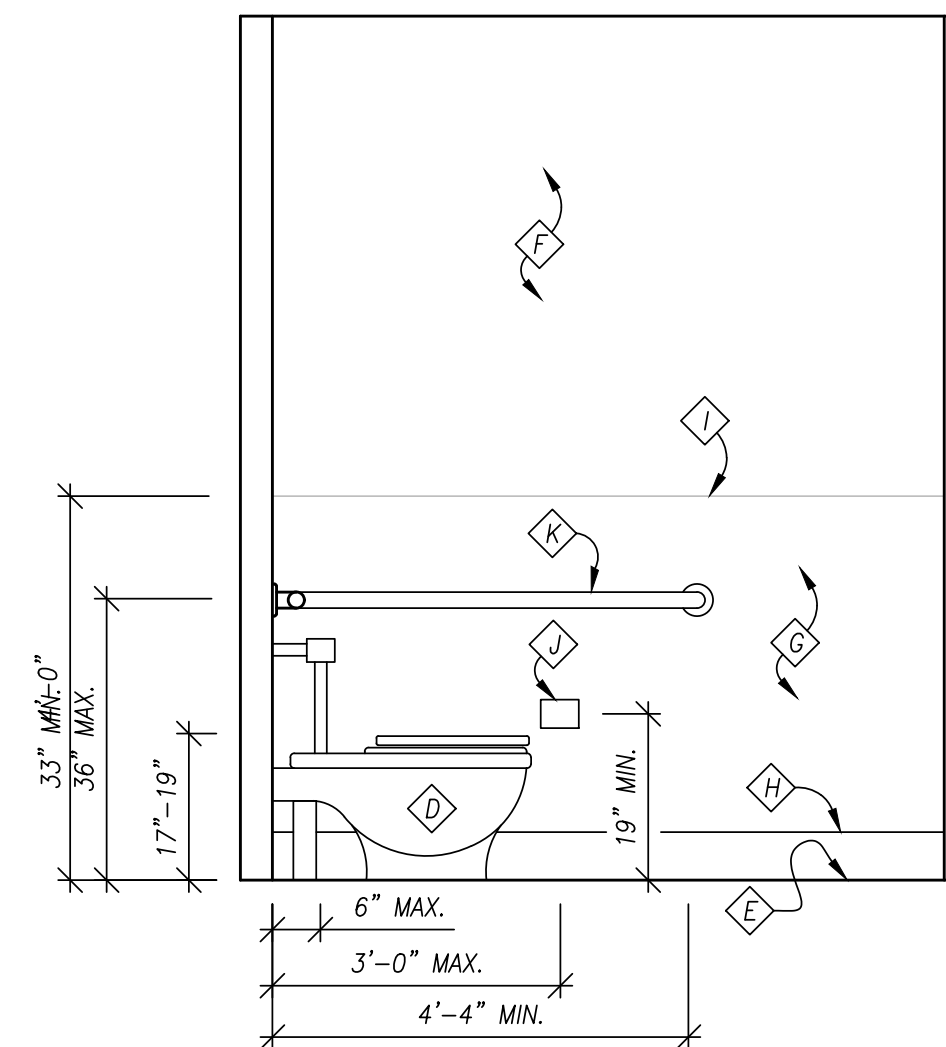
FLOOR TO WALL FINISH AT WATER CLOSET AREAS



EAST ELEVATION



SOUTH ELEVATION



WEST ELEVATION

project title:

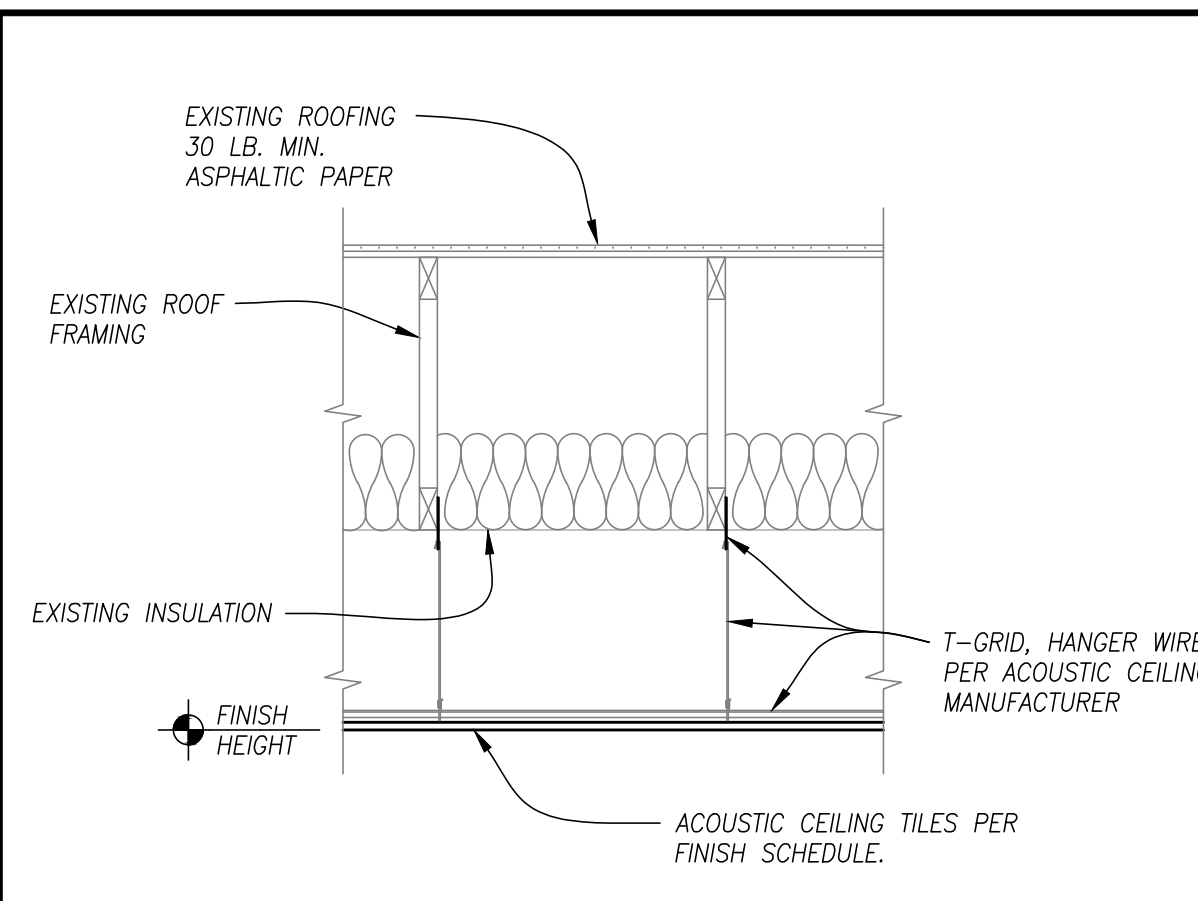
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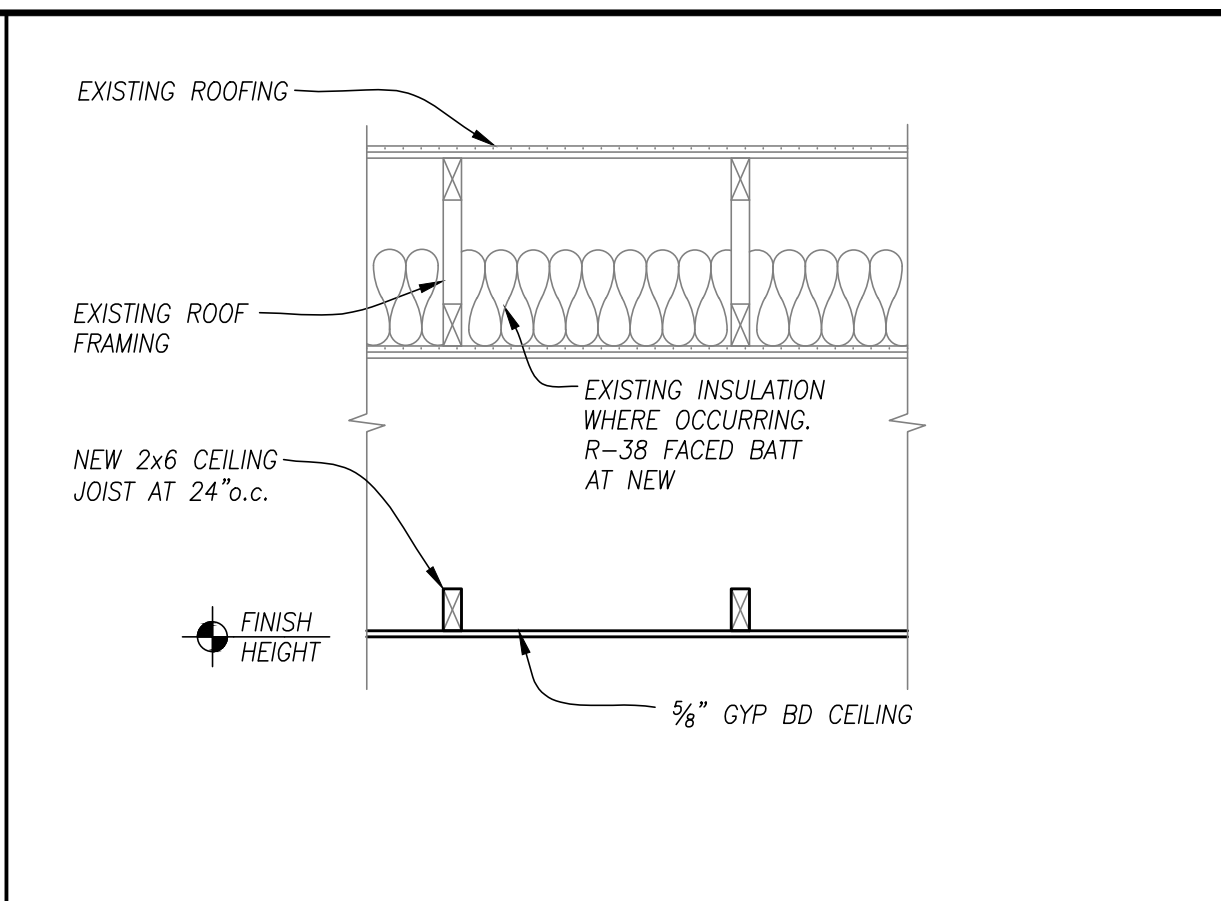
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designer: RH
project no: 18-009b

ARCHITECTURAL DETAILS

sheet: **A501**

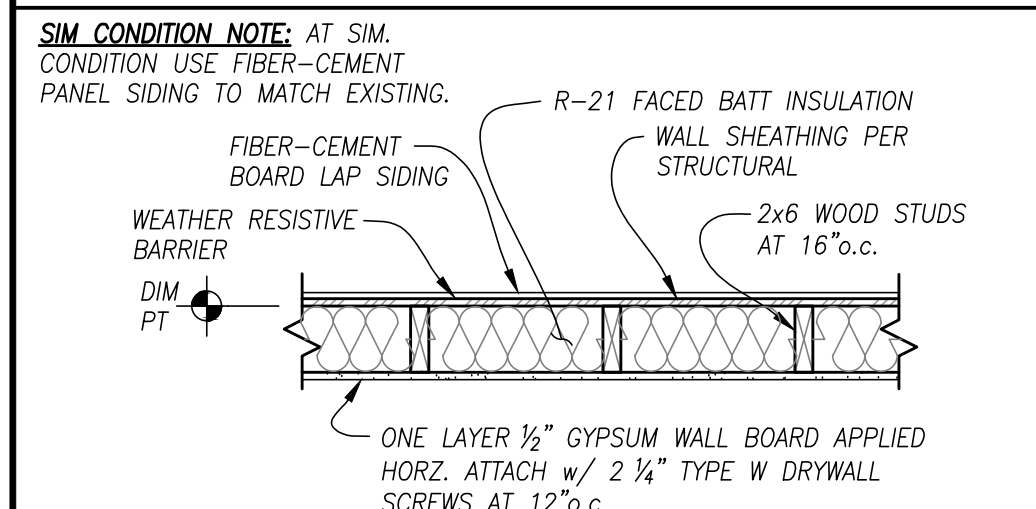


2 ROOF/CEILING ASSEMBLY AT EXISTING
SCALE: N.T.S.

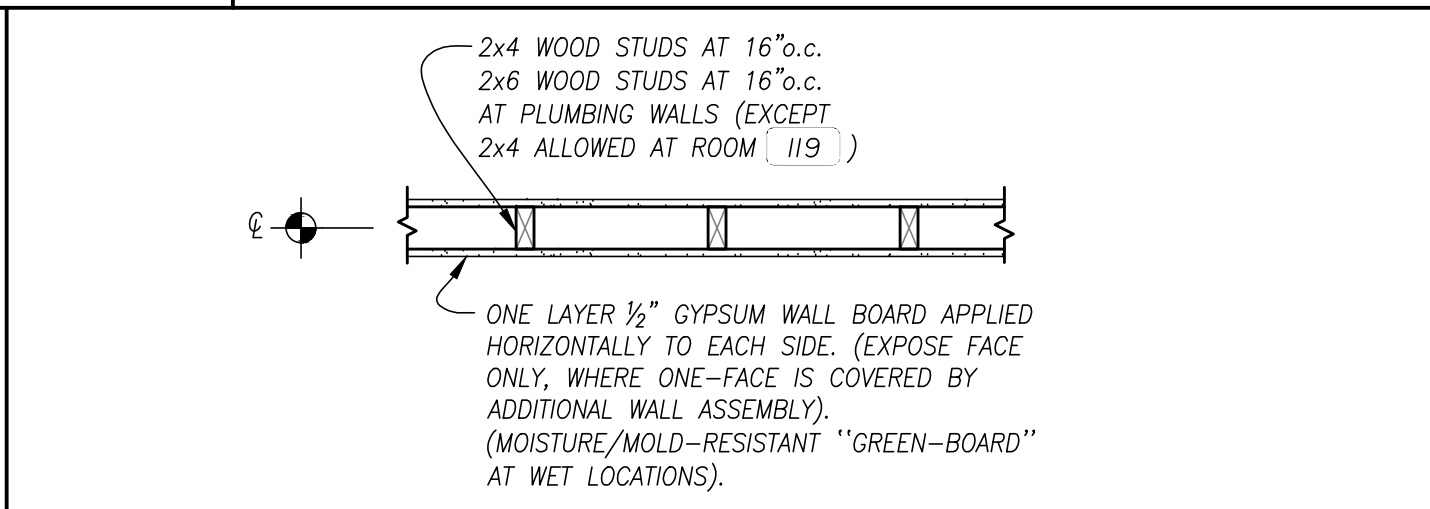


3 ROOF/CEILING ASSEMBLY AT RESTROOMS
SCALE: N.T.S.

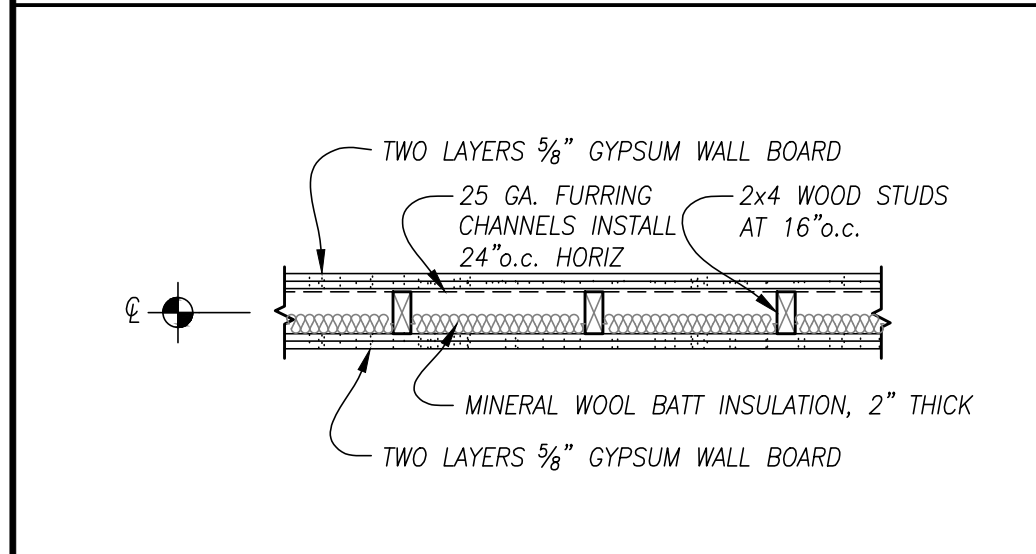
1 NOT USED
SCALE: N.T.S.



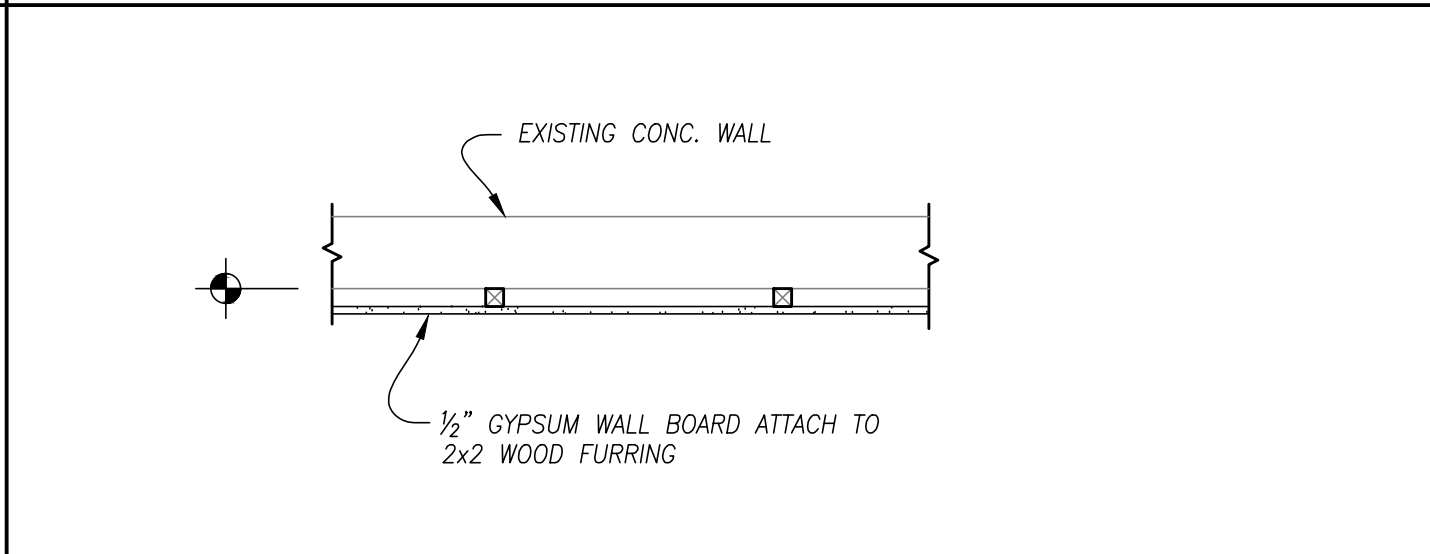
4 EXTERIOR WALL ASSEMBLY AT ADDITION
SCALE: N.T.S.



5 TYPICAL INTERIOR WALL ASSEMBLY
SCALE: N.T.S.



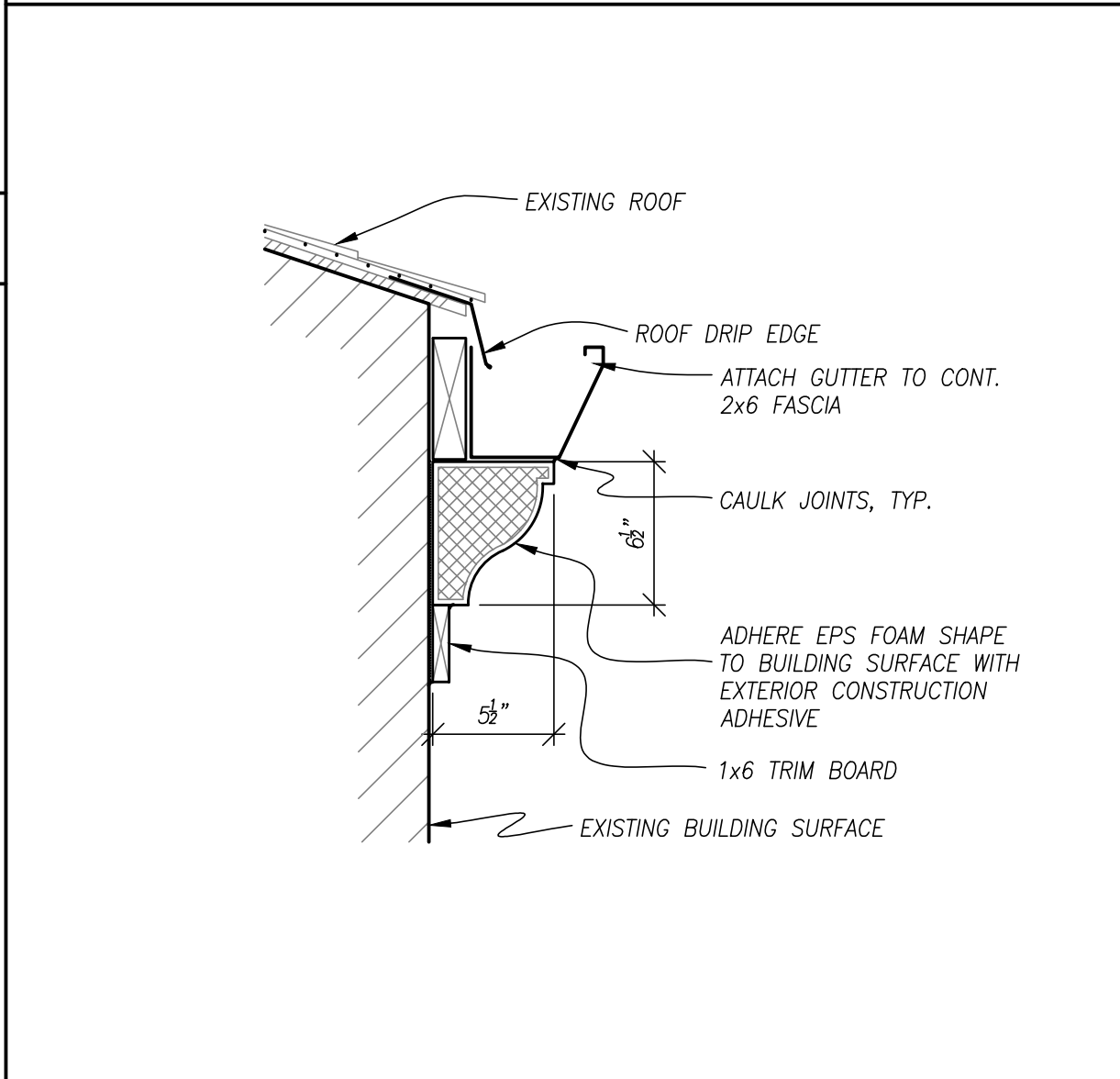
7 ACOUSTIC WALL ASSEMBLY - STC 58
SCALE: N.T.S.



8 FINISH AT EXISTING CONC WALL
SCALE: N.T.S.

NOTE: ANY FLASHING & WATERPROOFING DETAILS SHOWN ARE INTENDED TO BE SCHEMATIC DEPICTIONS ONLY. DESIGN OF BUILDING FLASHING & WATERPROOFING SYSTEMS AND DETAILS ARE THE RESPONSIBILITY OF THE CONTRACTOR.

6 NOT USED
SCALE: N.T.S.



9 CORNICE
SCALE: N.T.S.

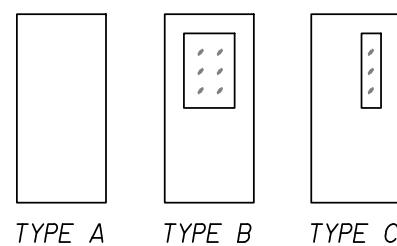
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BUILDING ENVELOPE ENERGY COMPLIANCE

- 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 A MOISTURE VAPOR-PERMEABLE WRAPPING MATERIAL. SEALING MATERIALS SPANNING JOINTS BETWEEN CONSTRUCTION MATERIALS ALLOW FOR EXPANSION AND CONTRACTION OF THE CONSTRUCTION MATERIALS.
- WINDOW AND DOOR ASSEMBLIES. THE AIR LEAKAGE OF WINDOW AND SWINGING DOOR ASSEMBLIES THAT ARE PART OF THE BUILDING ENVELOPE SHALL BE DETERMINED IN ACCORDANCE WITH AAMA/WDMA/CSA 101/1.S.2/A440, OR NFRC 400 BY AS ACCREDITED INDEPENDENT LABORATORY, AND LABELED AND CERTIFIED BY THE MANUFACTURER.
- BUILDING THERMAL ENVELOPE INSULATION. AN R-VALUE IDENTIFICATION MARK SHALL BE APPLIED (BY MANUFACTURER) TO EACH PIECE OF INSULATION 12" OR GREATER IN WIDTH. ALTERNATELY, THE INSULATION INSTALLERS SHALL PROVIDE A SIGNED, DATED AND POSTED CERTIFICATION LISTING THE TYPE, MANUFACTURER AND R-VALUE OF INSULATION INSTALLED. REFER TO CODE SECTION FOR BLOWN OR SPRAYED INSULATION INSTALLATION/SETTING DEPTHS AND MARKER REQUIREMENTS.
- INSULATION MARK INSTALLATION. INSULATION MATERIALS SHALL BE INSTALLED SUCH THAT THE MANUFACTURER'S R-VALUE MARK IS READILY OBSERVABLE UPON INSPECTION.
- INSULATION PRODUCT RATING. THE THERMAL RESISTANCE (R-VALUE) IF INSULATION SHALL BE DETERMINED IN ACCORDANCE WITH THE U.S. FTC R-VALUE RULE.
- INSTALLATION. ALL MATERIAL, SYSTEMS AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND THE INTERNATIONAL BUILDING CODE.

WINDOW SCHEDULE											
WINDOW NUMBER	WIDTH	HEIGHT	BRAND	GLAZING	U FACTOR	SHADING COEF.	FINISH	ELEVATION	OPERABLE	SCREENS	BLINDS
①	3'-0"	1'-0"	MILGARD OR CERTAINTED	DOUBLE GLAZED, THERMA-FLECT (LO E)	0.35 MAX.	0.60 MAX.	VINYL	EAST	NO	NO	NO

DOOR SCHEDULE							
DOOR #	SIZE	SWING	FRAME	DOOR	TYPE	HARDWARE GROUP	REMARKS
101	-	-	-	-	-	-	EXISTING
102	3'x7'	LHR	METAL	METAL	A	6	
103	3'x7'	RHR	METAL	METAL	A	4	
104A	-	-	-	-	-	-	EXISTING
104B	-	-	-	-	-	-	EXISTING
105	3'x7'	RH	METAL	METAL	A	4	
106	-	-	-	-	-	-	EXISTING
107A	-	-	-	-	-	-	EXISTING
107B	-	-	-	-	-	-	EXISTING
108	3'x7'	LH	METAL	METAL	B	4	
109	3'x7'	RH	METAL	METAL	A	2	
110	-	-	-	-	-	-	EXISTING
111	-	-	-	-	-	-	EXISTING
112	-	-	-	-	-	-	EXISTING
113	-	-	-	-	-	-	EXISTING
114	-	-	-	-	-	-	EXISTING
115	-	-	-	-	-	-	EXISTING
116	-	-	-	-	-	-	EXISTING
117	-	-	-	-	-	-	EXISTING
118	-	-	-	-	-	-	NOT USED
119	3'x7'	RH	METAL	METAL	A	2	



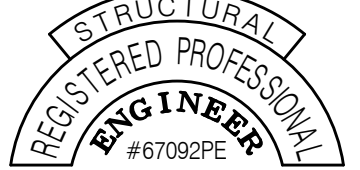
HARDWARE GROUPS					
	DESCRIPTION	PART #	QTY.	FINISH	VENDOR OR ALTERNATE
GROUP 2:	HINGES	TA2714 4 1/2 x 4 1/2 NRP	3	-	McKINNEY
RESTROOM	PRIVACY FUNCTION LOCKSET	C3FN	1	646	VIZILOK
	CLOSER W/STOP	4211 CUSH SRI X TORX	1	-	LCN
	KICK PLATE	8400 12" X 2" LDW X TORX	1	630	IVES
	DOOR SWEEP	200SSS	1	630	NGP
GROUP 4:	HINGES	TA2714 4 1/2 x 4 1/2 NRP	3	-	McKINNEY
OFFICE	OFFICE FUNCTION LOCKSET	ND50PDRHO	1	626	SCHLAGE
	DOOR STOP	70-619	1	626	SCHLAGE
GROUP 6:	HINGES	TA2714 4 1/2 x 4 1/2 NRP	3	-	McKINNEY
	PANIC BAR w/ CYLINDER DOGGING	2WHH9	1	ALUM.	STANLEY
	PULL PLATE	2WHH6	1	ALUM.	STANLEY
	FINAL CORE	FURNISHED BY OWNER			
	CLOSER W/STOP	4211 CUSH SRI X TORX	1	-	LCN
	KICK PLATE	8400 12" X 2" LDW X TORX	1	630	IVES



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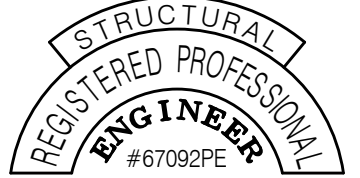
**HARRISBURG
JUSTICE CENTER**
354 SMITH STREET
HARRISBURG, OREGON

revisions:

date: JAN. 28, 2019
drawn by: JLB
designer: RH
project no: 18-009b

**DOOR,
HARDWARE &
WINDOW
SCHEDULE**

sheet:
A601



Renews: JUNE 30, 2019

project title:

**HARRISBURG
JUSTICE CENTER**
354 SMITH STREET
HARRISBURG, OREGON

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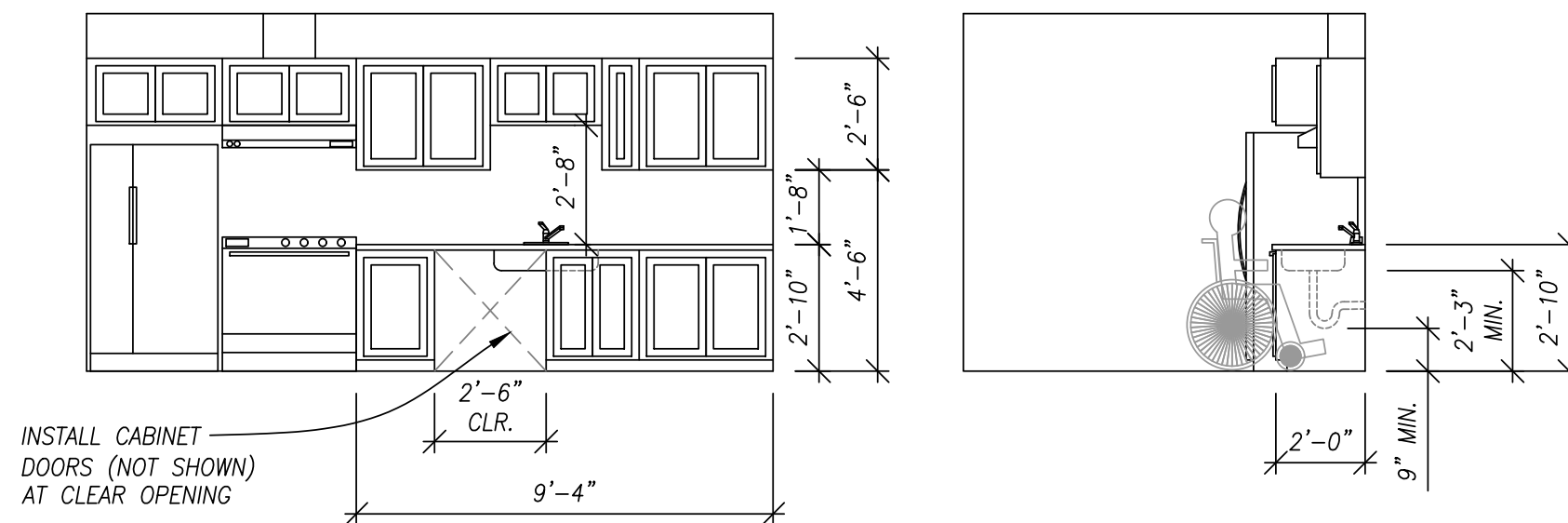
date: JAN. 28, 2019
drawn by: JLB
designer: RH
project no: 18-009b

**FINISH
SCHEDULE &
KITCHEN
ELEVATIONS**

sheet:
A602

FINISH SCHEDULE

ROOM	NAME	FLOOR FINISH	BASE	NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		REMARKS
				MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	
101	EXPANDED ASSEMBLY AREA	CPT	X	EXIST	PNT	EXIST	PNT	-	-	EXIST	PNT	ACT	-	
102	EXISTING ASSEMBLY AREA	CPT	X	-	-	EXIST	PNT	EXIST	PNT	EXIST	PNT	ACT	-	
103	JURY ROOM	CPT	X	EXIST	PNT	GYP	PNT	GYP	PNT	EXIST	PNT	ACT	-	
104	EXISTING KITCHEN	VINYL	X	EXIST	PNT	EXIST	PNT	EXIST	PNT	EXIST	PNT	EXIST	PNT	
105	OFFICE	CPT	X	EXIST	PNT	EXIST	PNT	EXIST	PNT	EXIST/GYP	PNT	ACT	-	
106	EXISTING LIBRARY-NORTH	CPT	X	EXIST	PNT	EXIST	PNT	EXIST	PNT	EXIST	PNT	ACT	-	
107	EXISTING LIBRARY-SOUTH	CPT	X	EXIST	PNT	EXIST	PNT	GYP	PNT	EXIST	PNT	ACT	-	
108	OFFICE	CPT	X	GYP	PNT	GYP	PNT	EXIST	PNT	EXIST	PNT	ACT	-	
109	UNISEX RESTROOM	VINYL	X	GYP	PNT	GYP	PNT	EXIST	PNT	GYP	PNT	GYP	PNT	CEILING PER 3/A501
110A	HALL	CPT	X	EXIST	PNT	EXIST	PNT	EXIST	PNT	EXIST	PNT	EXIST	PNT	
110B	HALL	CPT	X	EXIST	PNT	EXIST	PNT	EXIST	PNT	EXIST	PNT	EXIST	PNT	
111	EXISTING STORAGE			EXIST	-	EXIST	-	EXIST	-	EXIST	-	EXIST	-	
112	JANITOR			EXIST	-	EXIST	-	EXIST	-	EXIST	-	EXIST	-	
113	STORAGE			EXIST	-	EXIST	-	EXIST	-	EXIST	-	EXIST	-	
114	HALL	VINYL	X	EXIST	PNT	EXIST	PNT	EXIST	PNT	EXIST	PNT	EXIST	PNT	
115	WOMEN'S RESTROOM	VINYL	X	EXIST	PNT	EXIST	PNT	EXIST	PNT	EXIST	PNT	EXIST	PNT	
116	MEN'S RESTROOM	VINYL	X	EXIST	PNT	EXIST	PNT	EXIST	PNT	EXIST	PNT	EXIST	PNT	
117	EXISTING SAFE			EXIST	-	EXIST	-	EXIST	-	EXIST	-	EXIST	-	
119	RESTROOM	VINYL	X	GYP	PNT	GYP	PNT	GYP	PNT	GYP	PNT	GYP	PNT	CEILING PER 3/A501



1 **KITCHEN ELEVATIONS**
A602 SCALE: N.T.S.

INSTALL CABINET
DOORS (NOT SHOWN)
AT CLEAR OPENING

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GENERAL NOTES:

1. CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
2. CONDITIONS NOT SPECIFICALLY DETAILED SHALL BE IN GENERAL CONFORMANCE WITH CONSTRUCTION DETAILS OF A SIMILAR NATURE ELSEWHERE ON THE PROJECT.
3. INSTALL ALL PRODUCTS PER MANUFACTURER'S WRITTEN INSTRUCTIONS INCLUDING STORAGE, HANDLING, CUTTING, NOTCHING, DRILLING, ETC.

SPECIAL INSPECTION

1. NONE

CONCRETE:

1. CEMENT: ASTM C150 TYPE I OR II.
2. WATER: IN CONFORMANCE WITH ASTM C94.
3. WATER-REDUCING ADMIXTURE: ASTM C494 TYPE A, OR TYPE F MID-RANGE TYPE.
4. STRUCTURAL CONCRETE SHALL BE $f'_c = 4500$ PSI AT 28 DAYS. SLUMP SHALL BE 4" +/- 1". SLUMPS MAY BE INCREASED TO 8" MAXIMUM w/ APPROVED ADMIXTURE. DESIGN CALCULATIONS BASED ON $f'_c = 2500$ PSI.
5. USE 5% AIR ENTRAINMENT +/-1.5%, WHERE STRUCTURAL CONCRETE WILL BE EXPOSED TO FREEZING-AND-THAWING CYCLES AND MOISTURE.
6. MAXIMUM W/C RATIO SHALL BE 0.47
7. CONCRETE MATERIALS AND QUALITY SHALL BE IN ACCORDANCE WITH CHAPTERS 3 AND 5 RESPECTIVELY OF CURRENT ADOPTED VERSION OF ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE".
8. TRANSPORTATION OF READY-MIX CONCRETE SHALL BE IN ACCORDANCE WITH ASTM C94 "SPECIFICATION FOR READY-MIX CONCRETE" AND CONCRETE PLACEMENT, CONSOLIDATION, AND CURING SHALL BE IN ACCORDANCE WITH SECTION 5 OF ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE".
9. HOT-WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 305R "GUIDE TO HOT-WEATHER CONCRETING" AND 305.1 "STANDARD SPECIFICATION FOR HOT-WEATHER CONCRETING". COLD-WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 306R "GUIDE TO COLD-WEATHER CONCRETING" AND 306.1 "STANDARD SPECIFICATION FOR COLD-WEATHER CONCRETING".
10. CURING OF SLAB CONCRETE SHALL BE WET TYPE IN ACCORDANCE WITH SECTION 5.3.6.4 B OF ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE" & ACI 308R-01.

REINFORCING STEEL:

1. REINFORCING STEEL SHALL BE DETAILED, FABRICATED, AND INSTALLED ACCORDING TO THE "MANUAL OF STANDARD PRACTICE OF REINFORCED CONCRETE CONSTRUCTION" BY THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI).
2. REINFORCING STEEL SHALL BE DEFORMED, CLEAN, FREE OF RUST, GREASE OR ANY OTHER MATERIAL LIKELY TO IMPAIR CONCRETE BOND.
3. CONTRACTOR SHALL TAKE NECESSARY STEPS (STANDARD TIES, ANCHORAGE DEVICES, ETC.) TO SECURE ALL REINFORCING STEEL IN THEIR TRUE POSITION AND PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT.
4. HEATING OF REINFORCING STEEL TO AID IN BENDING AND SHAPING OF BARS IS NOT PERMITTED. ALL BENDS IN REINFORCING STEEL ARE TO BE MADE COLD. ALL BEND RADII SHALL CONFORM TO CRSI MANUAL OF STANDARD PRACTICE.
5. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60.
6. REINFORCING STEEL REQUIRING WELDING OR PLACED WITHIN A SPECIFIED BOUNDARY ELEMENT OR MOMENT FRAME ELEMENT SHALL CONFORM TO WELDABLE ASTM A706.
7. ALL LAP SPLICES OF REINFORCEMENT SHALL CONFORM TO CLASS B LAPS AS SHOWN ON THE LAP SPLICE SCHEDULE, UNLESS NOTED OTHERWISE.
8. UNLESS NOTED OTHERWISE, CAST-IN-PLACE CONCRETE REINFORCING STEEL (NON-PRESTRESSED) SHALL HAVE THE MINIMUM CONCRETE COVER OR PROTECTION FOR THE FOLLOWING USES AS NOTED BELOW (PER CURRENT VERSION OF ACI 318 7.7.1):

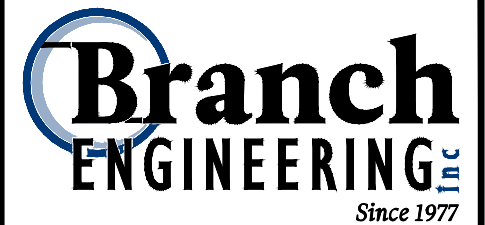
CONCRETE CONDITION	CONCRETE CLEAR COVER	BAR SIZE	EXAMPLE
CAST AGAINST & PERMANENT EXPOSURE TO EARTH	3"	ALL	FOOTING BOTTOM BARS
EXPOSED TO EARTH OR WEATHER (CAST AGAINST FORM)	1/2"	#5 & SMALLER	FOOTING TOP OR SIDE BARS
EXPOSED TO EARTH OR WEATHER (CAST AGAINST FORM)	2"	#6 - #18	WALL DOWEL BARS
NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND	3/4"	#11 & SMALLER	INTERIOR SPANNING SLAB

CLASS B LAP SPLICE SCHEDULE		$f'_c = 2500$ PSI
REBAR SIZE	LAP LENGTH	CLEAR SPACING OF BARS BEING SPLICED SHALL NOT BE LESS THAN TWO BAR DIAMETERS & CLEAR COVER NOT LESS THAN ONE BAR DIAMETER
#3	24"	
#4	32"	
#5	39"	

ADDITIONAL CONCRETE ITEMS:

1. MINIMUM EMBEDMENT FOR POST-INSTALLED ANCHORS IS SPECIFIED FOR EACH APPLICATION, LOCATION, OR INSTANCE.
2. EMBEDMENT GIVEN IS THE NOMINAL EMBEDMENT DEPTH OF THE ANCHOR. MINIMUM HOLE DEPTH CORRESPONDING TO THE REQUIRED EMBEDMENT IS PER THE APPLICABLE ICC-ESR REPORT.
3. WEDGE ANCHORS OR EXPANSION BOLTS SHALL BE SIMPSON STRONG BOLT 2 (HILTI KWIK BOLT-TZ WHERE SPECIFIED) OR AN APPROVED ALTERNATE SUBMITTED WITH ICC-ESR REPORTS TO THE ENGINEER FOR REVIEW.
4. EPOXY ANCHORS OR DOWELS SHALL BE INSTALLED WITH SIMPSON SET-3G EPOXY ADHESIVE. ON APPROVED ALTERNATE IN CRACKED OR UNCRACKED CONCRETE WITH ICC-ESR REPORT MAY BE SUBMITTED TO THE ENGINEER FOR APPROVAL. SIMPSON AT-XP SHALL BE SUBSTITUTED WHERE BASE MATERIAL IS NOT ABOVE 50 DEGREES AT THE TIME OF INSTALLATION.
5. HEADED SHEAR STUDS AND DEFORMED BAR ANCHORS SHALL BE AN APPROVED NELSON PRODUCT OR APPROVED ALTERNATE.
6. UNLESS NOTED OTHERWISE, PERMANENTLY EXPOSED EMBEDDED PLATE AND ANGLE ASSEMBLIES SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION. WELDS OR LOADS SHALL NOT BE PLACED ON THE EMBEDDED ASSEMBLIES FOR A MINIMUM OF (7) DAYS AFTER CASTING IN CONCRETE.
7. LAP LENGTHS ARE IN INCHES AND ARE BASED ON GRADE 60 REINFORCING STEEL AND NORMAL WEIGHT CONCRETE.
8. STAGGER ALL LAP SPLICES AT ADJACENT BARS BY AT LEAST A FULL LAP LENGTH.
9. WHERE CLASS A LAP SPLICES ARE NOTED IN THE PLANS OR DETAILS, DIVIDE THE TABULATED VALUES BY 1.3
10. FOR LIGHTWEIGHT AGGREGATE CONCRETE, MULTIPLY THE TABULATED VALUES BY 1.3.

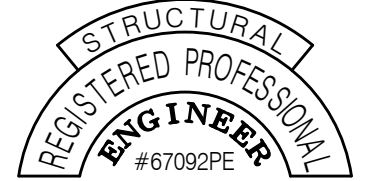
DESIGN LOADS		
LIVE LOAD DESIGN CRITERIA		
FLOOR LIVE LOAD (psf)	100	
SNOW LOAD DESIGN CRITERIA		
GROUND SNOW LOAD (psf)	15	
ROOF SNOW LOAD (psf)	20 + DRIFTS	
DEAD LOAD DESIGN CRITERIA		
ROOF DEAD LOAD (psf)	17	
EXTERIOR WALL DEAD LOAD (psf)	11	
INTERIOR WALL DEAD LOAD (psf)	8	



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project title:

HARRISBURG JUSTICE CENTER
354 SMITH STREET
HARRISBURG, OREGON

revisions:

date: JAN. 28, 2019
drawn by: JLB
designer: JJA
project no: 18-009b

STRUCTURAL NOTES

sheet: **S001**

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FASTENERS:

1. NAILS:
 - A. SHALL BE "COMMON" NAILS UNLESS NOTED OTHERWISE.
 - B. SHALL NOT BE DRIVEN CLOSER THAN 1/2 THEIR LENGTH NOR CLOSER THAN 1/4 OF THEIR LENGTH TO THE EDGE OR END OF A MEMBER, RESPECTIVELY, EXCEPT FOR SHEATHING.
 - C. SHALL BE INSTALLED IN PRE-DRILLED LEAD HOLES IF NECESSARY TO AVOID SPLITTING.
 - D. SHALL BE HOT-DIPPED ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE, OR COPPER WHEN IN CONTACT WITH PRESERVATIVE-TREATED WOOD.
 - i. WHEN USED IN EXTERIOR APPLICATIONS, NAILS SHALL HAVE COATING TYPES AND WEIGHTS IN ACCORDANCE WITH THE TREATED WOOD OR BOLT MANUFACTURER'S RECOMMENDATIONS. A MIN. OF ASTM A653, TYPE G185 ZINC-COATED GALVANIZED STEEL (OR EQUIV.) SHALL BE USED.
 - ii. WHEN USED IN AN INTERIOR, DRY ENVIRONMENT IN SBX/DOT OR ZINC BORATE PRESERVATIVE-TREATED WOOD, PLAIN CARBON NAILS SHALL BE PERMITTED.
 - E. SHALL CONFORM TO 2014 OSSC TABLE 2304.9.1.
 - F. SHALL HAVE MINIMUM PENETRATION INTO THE MAIN MEMBER PER SCHEDULE BELOW, U.N.O.:

NAIL TYPE	SHANK DIAMETER	MINIMUM PENETRATION
6d	0.113	1.13
8d	0.131	1.31
10d	0.148	1.48
16d	0.162	1.62

2. ANCHOR BOLTS:
 - A. SHALL BE INSTALLED AT ALL EXTERIOR WALLS AND ALL INTERIOR SHEAR AND/OR BEARING WALLS.
 - B. SHALL BE 5/8" DIAMETER WITH STEEL PLATE WASHERS PER SHEAR WALL NOTES, AT SHEAR WALLS.
 - C. SHALL BE 5/8" DIAMETER WITH 2X2X3/16" STEEL PLATE WASHERS, AT NON-SHEAR WALLS.
 - D. SHALL HAVE 7" MINIMUM EMBEDMENT. (CONTRACTOR TO COORDINATE LENGTH OF BOLTS WITH SILL-PLATE THICKNESS)
 - E. SHALL CONFORM TO ASTM A307
 - F. SHALL BE HOT-DIPPED ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE, OR COPPER WHEN IN CONTACT WITH PRESERVATIVE-TREATED WOOD.
 - i. WHEN USED IN EXTERIOR APPLICATIONS, BOLTS SHALL HAVE COATING TYPES AND WEIGHTS IN ACCORDANCE WITH THE TREATED WOOD OR BOLT MANUFACTURER'S RECOMMENDATIONS. A MINIMUM OF ASTM A653, TYPE G185 ZINC-COATED GALVANIZED STEEL (OR EQUIVALENT) SHALL BE USED.
 - ii. WHEN USED IN AN INTERIOR, DRY ENVIRONMENT IN SBX/DOT OR ZINC BORATE PRESERVATIVE-TREATED WOOD, PLAIN CARBON BOLTS, INCLUDING NUTS AND WASHERS, SHALL BE PERMITTED.
 - G. SHALL NOT BE SPACED GREATER THAN 72" O.C. REFER TO FOUNDATION SHEET NOTES & SHEAR WALL BASE CONNECTION SCHEDULE FOR SPECIFIC ANCHOR BOLT SPACING REQUIREMENTS.
 - H. SHALL BE PLACED A MAXIMUM OF 12" FROM WALL CORNERS, WALL ENDS, AND SILL PLATE SPLICES (BUT NOT LESS THAN 5"), AND A MINIMUM OF TWO BOLTS PER PIECE OF SILL-PLATE IS REQUIRED.
 - I. SHALL BE SECURED IN PLACE PRIOR TO FOUNDATION INSPECTION.

SAWN LUMBER:

1. ALL SAWN LUMBER SHALL CONFORM TO THE WESTERN WOOD PRODUCTS ASSOCIATION OR THE WEST COAST LUMBER INSPECTION BUREAU GRADING RULES. LUMBER SHALL BE OF THE SPECIES AND GRADE SHOWN BELOW:

SIZE	MEMBER	SPECIES	GRADE
2X & 4X	FRAMING	DOUGLAS FIR-LARCH	NO. 2
5X & GREATER	BEAMS	DOUGLAS FIR-LARCH	NO. 1
ANY	POSTS/COLUMNS	DOUGLAS FIR-LARCH	NO. 2
2X & GREATER	T&G DECKING	DOUGLAS FIR-COMMERCIAL	DEX
ANY	PRESSURE TREATED	HEM-FIR	NO. 2
2. ALL LUMBER IN CONTACT WITH THE GROUND, CONCRETE, OR CMU SHALL BE PRESSURE TREATED. CONTRACTOR MAY SUBMIT FOR APPROVAL OF A MOISTURE BARRIER IN-LIEU OF THE PRESSURE TREATED WOOD.
3. ALL METAL HARDWARE AND FRAMING ACCESSORIES SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY OR AN APPROVED ALTERNATE. SUBSTITUTION OF AN APPROVED ALTERNATE SHALL NOT BE MADE WITHOUT THE APPROVAL OF THE ENGINEER. THE SUBMITTAL SHALL INCLUDE DOCUMENTATION SHOWING THE ALLOWABLE LOADS OF THE SPECIFIED SIMPSON ITEM ALONG WITH TABULATED ALLOWABLE LOADS FOR THE SUBSTITUTED ITEMS. ALL ITEMS SHALL BE INSTALLED PER THE MANUFACTURERS INSTALLATION REQUIREMENTS. ALL NAIL HOLES SHALL BE FILLED WITH THE RECOMMENDED FASTENER UNLESS NOTED OTHERWISE ON THE DRAWINGS.
4. WHERE FRAMING HANGERS ARE REQUIRED BUT ARE NOT SPECIFICALLY SIZED, THE FOLLOWING SIZES SHALL BE USED. SLOPE, SKEW, TURN IN FLANGES AND PROVIDE TOP FLANGE HANGERS AS REQUIRED FOR THE SPECIFIC CONDITIONS AT THE END OF THE MEMBER.

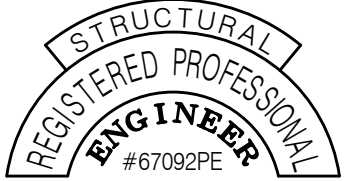
MEMBER	HANGER
2X & 3X MEMBERS	U TYPE HANGERS
4X MEMBERS	HU TYPE HANGERS
6X MEMBERS	HUTF TYPE HANGERS
I-JOIST MEMBERS	MIT HANGERS
GLU-LAM MEMBERS	LEG HANGERS
5. ALL WALLS SHALL HAVE DOUBLE TOP PLATES AND SHALL BE SPLICED PER CODE REQUIREMENTS, UNLESS NOTED OTHERWISE. TOP PLATES AT WALL INTERSECTIONS SHALL BE LAPPED AND NAILED WITH (3) 16d NAILS. ALL SPLICES SHALL OCCUR OVER A STUD.
6. HOLES FOR BOLTS SHALL BE DRILLED WITH A BIT OF THE SAME NOMINAL DIAMETER AS THE BOLT + 1/16".
7. ALL BOLTS, CARRIAGE BOLTS, LAG SCREWS, EXPANSION BOLTS AND EPOXY BOLTS SHALL BE INSTALLED WITH STANDARD CUT WASHERS UNDER THE BOLT HEADS AND NUTS THAT BEAR DIRECTLY ON THE WOOD. ALL NUTS SHALL BE TIGHTENED AT THE TIME OF INSTALLATION AND RE-TIGHTENED IF NECESSARY, DUE TO WOOD SHRINKAGE, PRIOR TO CLOSE-IN OR AT THE COMPLETION OF THE PROJECT. BOLTS AND LAG SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1-2012.



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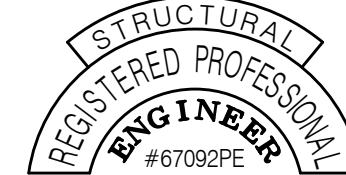
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354 SMITH STREET
HARRISBURG, OREGON

revisions:

date: JAN. 28, 2019
drawn by: JLB
designer: JJA
project no: 18-009b

**STRUCTURAL
NOTES**

sheet: **S002**



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project title:

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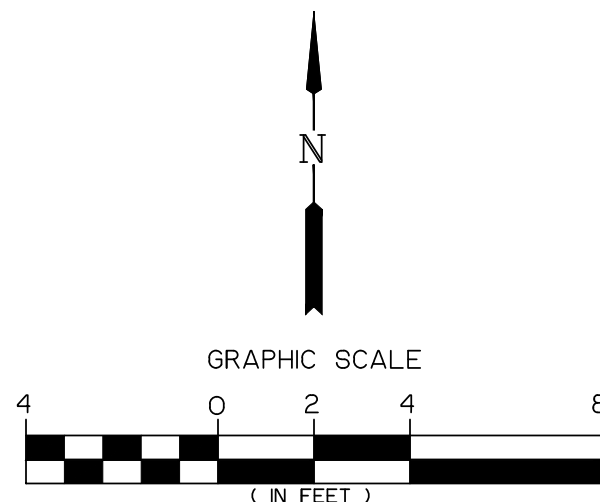
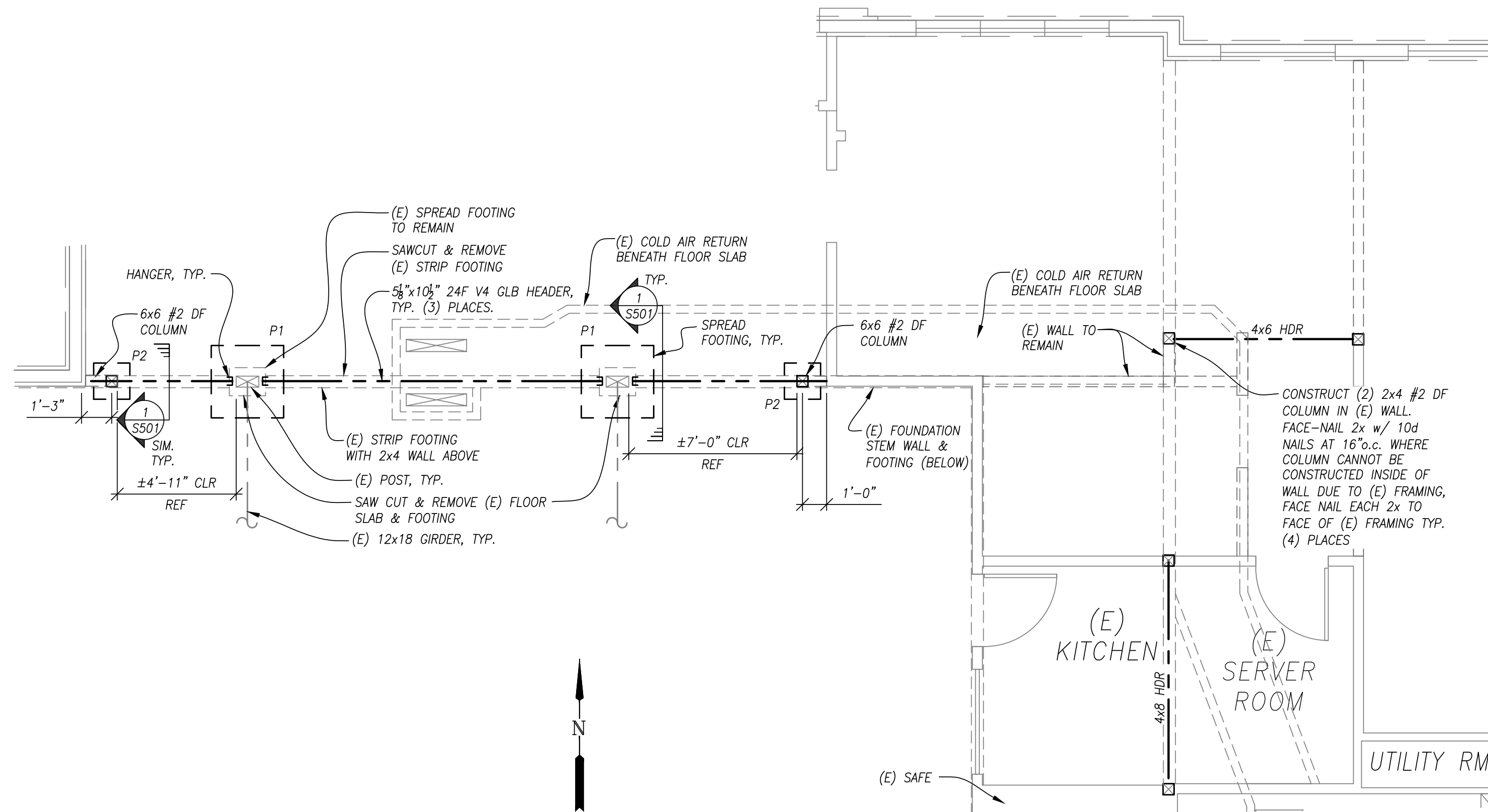
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date: JAN. 28, 2019
drawn by: JLB
designer: JJA
project no: 18-009b

**FOUNDATION &
ROOF FRAMING
PLAN**

sheet:

S101



FOUNDATION & PARTIAL FRAMING PLAN
SCALE: 1/4" = 1'-0"

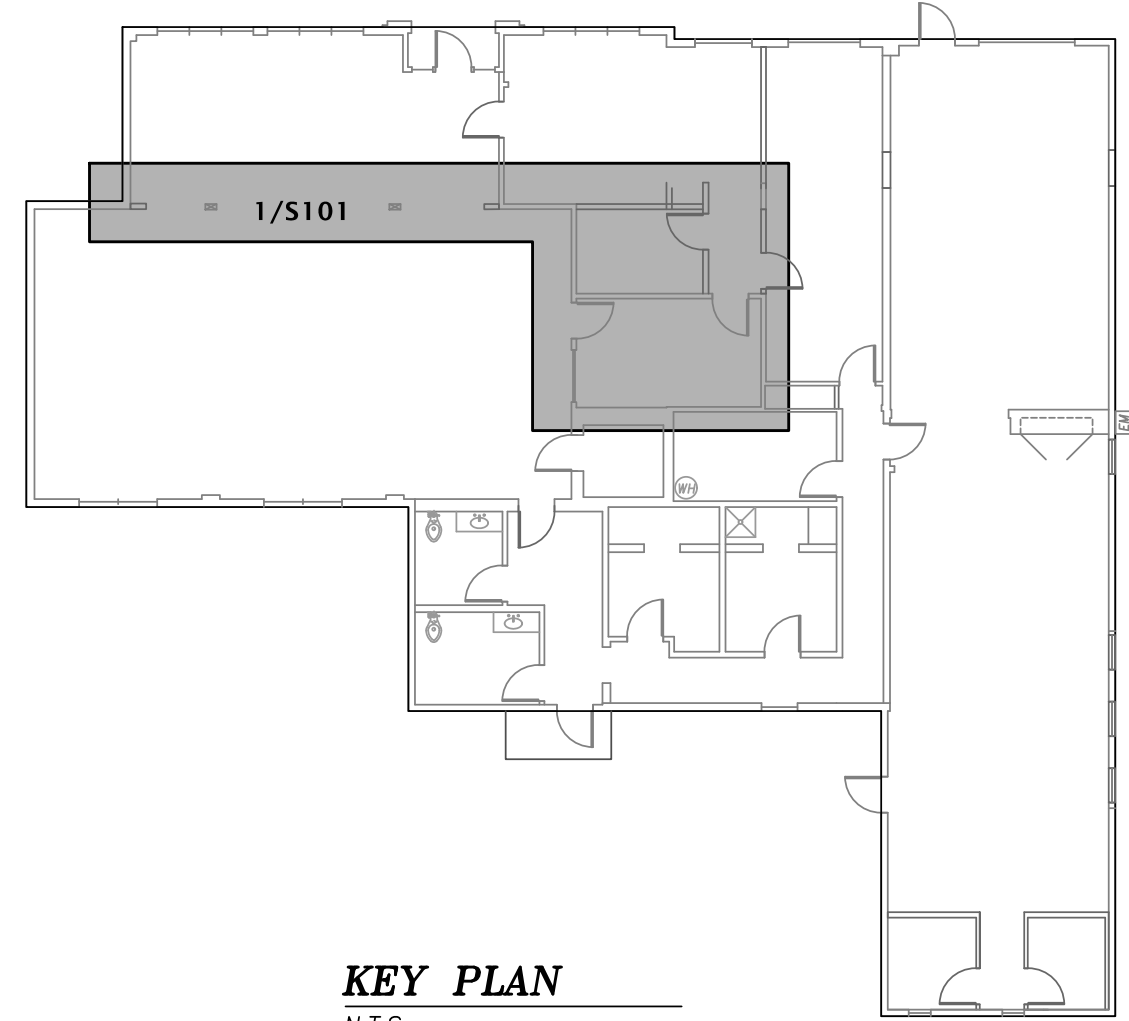
SHEET NOTES:

- ALL BASE ROCK BELOW FOOTINGS & SLABS SHALL BE 6" MIN. 3/4"-0 CRUSHED ROCK COMPACTED TO 95% RELATIVE COMPACTION, MODIFIED PROCTOR METHOD.
- DESIGN OF SHORING FOR EXISTING FRAMING IS BY OTHERS.

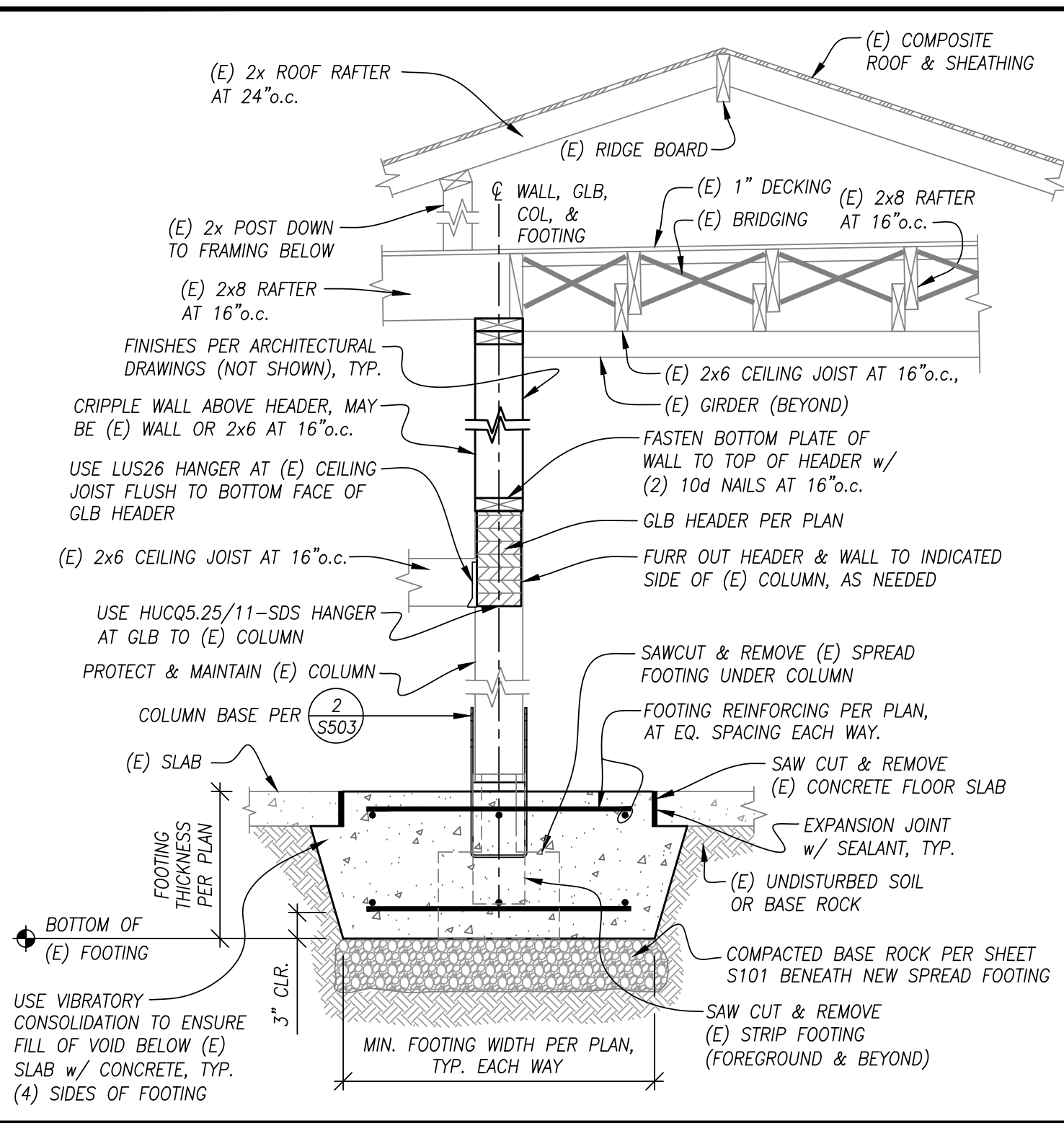
FOOTING SCHEDULE

MARK	SIZE	REINFORCING ¹
P1	3'-0" SQ. x 12" MIN. THICK.	(3) #5 BARS EACH WAY AT BOTTOM TOP & BOTTOM
P2	1'-8" SQ. x 12" MIN. THICK.	(2) #5 BARS EACH WAY AT BOTTOM TOP & BOTTOM

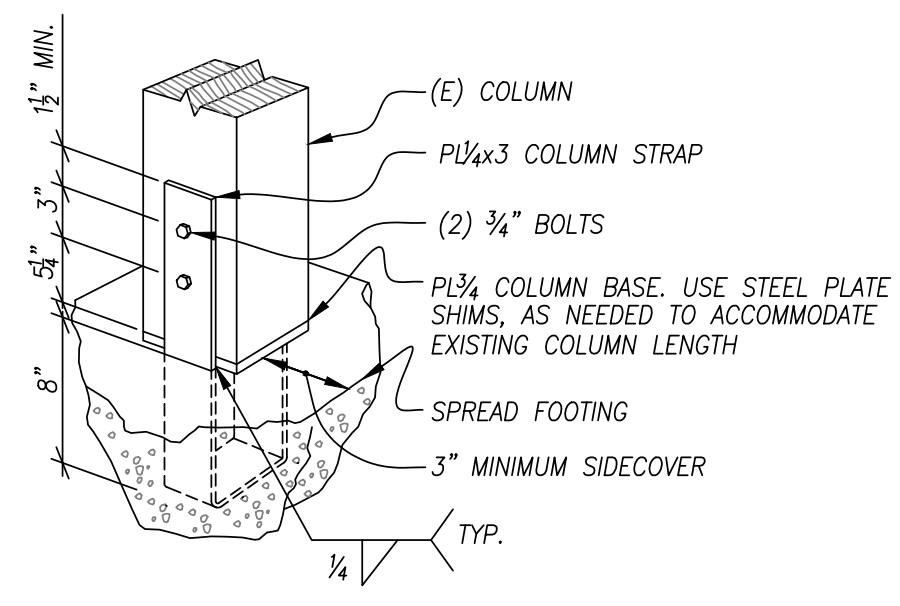
1. WHERE ACTUAL FOOTING DEPTH DOES NOT EXCEED 12" THICKNESS TO TOP OF SLAB, MAY REDUCE SPECIFIED REINFORCING TO BOTTOM MAT ONLY.



KEY PLAN
N.T.S.



1 **HEADER & FOOTING**
 S501 SCALE: N.T.S.



2 **COLUMN BASE CONNECTION**
 S501 SCALE: N.T.S.

project title:

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 354 SMITH STREET
 HARRISBURG, OREGON

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FRAMING DETAILS

sheet: **S501**