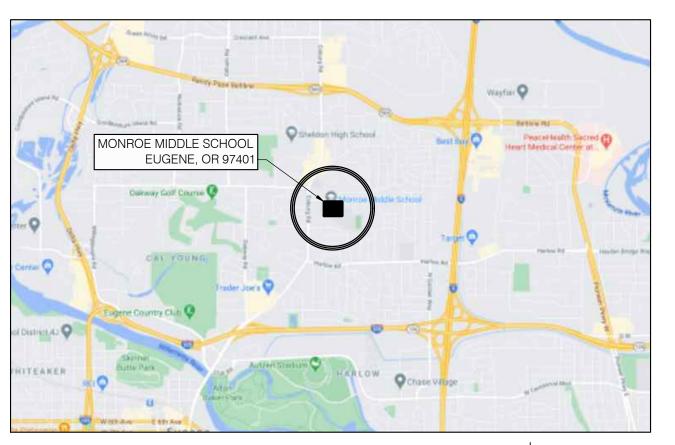
EUGENE SCHOOL DISTRICT 4J MONROE MIDDLE SCHOOL ROOF REPLACEMENT PROJECT

SITE MAPS





ICINITY MAP







GENERAL INFORMATION SYSTEM ASSEMBLIES

DEMOLITION PLAN

ROOF PLAN

DETAILS - BASE BID DETAILS - BASE BID

DETAILS - ALTERNATE NO. 1

GENERAL STRUCTURAL NOTES AND FALL PROTECTION

DRAWING SCHEDULE

STRUCTURAL NOTES

ROOF PLAN WIND LOAD DIAGRAM

STRUCTURAL DETAILS

GENERAL NOTES

- AND CONDITIONS OF THE PROJECT, INCLUDING VERIFICATION
- MATERIALS, PRODUCTS, AND CONSTRUCTION UNLESS
- ALL PERMITTING, INCLUDING ROAD CLOSURES, PARKING STALLS, SIDEWALK CLOSURES, SCAFFOLD ERECTION, ETC. SHALL BE COORDINATED, OBTAINED, AND PAID FOR BY CONTRACTOR.
- CONTRACTOR STAGING AND STORAGE AREAS SHALL BE AS DIRECTED BY THE OWNER'S REPRESENTATIVE AT THE PRE-CONSTRUCTION MEETING. CONTRACTOR SHALL ASSUME A REASONABLE AMOUNT OF STORAGE, AND STAGING SPACE WILL BE MADE AVAILABLE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT BUILDING OCCUPANTS AND PASSERS-BY FROM FALLING DEBRIS OR EQUIPMENT AT ALL TIMES DURING THE COURSE OF CONSTRUCTION. DO NOT THROW MATERIALS FROM THE ROOF
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING BUILDING SURFACES, FINISHES, AND SYSTEMS FROM DAMAGE, DISCOLORATION, ETC. DURING THE COURSE OF ALL CONSTRUCTION ACTIVITIES.
- PERSONAL FALL PROTECTION DEVICES ARE NOT, NOR WILL BE, PROVIDED BY THE OWNER ON ANY ROOF AREA DESIGNATED TO RECEIVE WORK. PERSONAL FALL PROTECTION IS THE RESPONSIBILITY OF THE CONTRACTOR
- ALL CONSTRUCTION SHALL CONFORM TO THE 2019 OREGON STRUCTURAL SPECIALTY CODE (2019 OSSC), AND ALL LOCAL GOVERNING BUILDING CODES AND ORDINANCES.

- 10. ROOF ACCESS BY MEANS OF EXTERNAL LIFT OF OTHER DEVICE UNLESS SPECIFICALLY APPROVED BY THE OWNER.
- 11. ALL ITEMS TRANSPORTED TO ROOF SHALL BE TRANSPORTED USING APPROVED AND SAFE METHODS OF LOADING.
- 12. SCOPE OF WORK CONSISTS OF THIS DRAWINGS SET AND THE ASSOCIATED PROJECT MANUAL.
- 13. EXISTING ROOF SYSTEMS HAVE BEEN TESTED FOR ASBESTOS CONTAINING MATERIALS (ACM). NO ASBESTOS WAS IDENTIFIED WITHIN ROOFING SAMPLES TAKEN FROM ROOF AREAS TO BE REPLACED AS PART OF THIS SCOPE OF WORK.
- 14. WHILE NOT TESTED FOR ASBESTOS CONTAINING MATERIALS (ACM). ALL REPAIR MASTICS/SEALANTS ARE ASSUMED TO BE ACM. ADDITIONAL TESTING MAY BE REQUIRED BY THE CONTRACTOR TO ENSURE ALL MATERIALS TO BE DEMOLISHED ARE HANDLED APPROPRIATELY WITH REGARD TO OROSHA, DEQ AND THE OWNER.

15. THIS PROJECT INCLUDES A BASE BID AND AN ALTERNATE. BID WORK DOES NOT INCLUDE ANY INCREASE IN AREA O

AREAS B, D, E, F & H DOWN TO THE SEISMIC SHEATHING OVERLAY ASSOCIATED FLASHING ASSEMBLIES, CURBED EDGE METAL AND ROOF DRAINS UNLESS OTHERWISE NOTED. INSTALLATION OF DECK INFILL AT REMOVED ROOF DRAINS. INSTALLATION OF BUILT-UP ROOF MEMBRANE ASSEMBLY, FLASHINGS, WALL PANELS, GUTTERS AND COPING. REFERENCE SHEET GI-2 FOR ADDITIONAL INFORMATION REGARDING THE BASE BID MEMBRANE ASSEMBLY REPAIRS AT ROOF AREAS C & G CONSISTING OF PATCHING AND COATING WHERE INDICATED.

ALTERNATE NO. 1: DUPLICATES THE BASE BID ARTICLE ABOVE WITH ROOF MEMBRANE ASSEMBLY TO BE FULLY ADHERED 80-MIL PVC IN LIEU OF BUILT-UP ROOFING. REFERENCE SHEET GI-2 AND SHEET R202 FOR ADDITIONAL INFORMATION REGARDING THE ALTERNATE ROOF MEMBRANE ASSEMBLY.

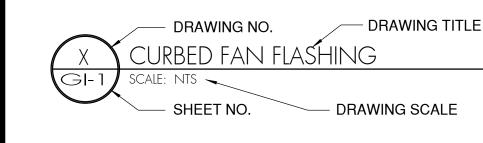
BUILDING DATA

MAXIMUM TOP OF ROOF DECK HEIGHT

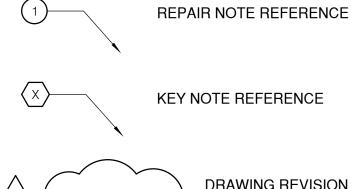
EXPOSURE:

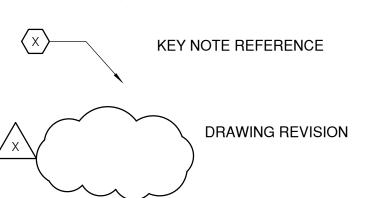
RISK CATEGORY BASIC WIND SPEED 105 MPH

DRAWING SYMBOLS



DETAIL REFERENCE ON PLAN DRAWINGS - SIM. INDICATES SIMILAR CONSTRUCTION AS SHOWN ON DETAIL NOTED.





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SHEET TITLE:

GENERAL INFORMATION

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P-INCHES LONG, THIS DRAWING IS NOT TO THE SCALE INDICATI

PROJECT TEAM

OWNER

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fax: (541) 790-7711

Contact: Kirk Gebb, Capital Improvement Program

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STRUCTURAL CONSULTANT

TM Rippey Consulting Engineers 7650 SW Beveland St. Suite 100 Tigard, Oregon 97223 tel: (503) 443-3900

fax: (503) 443-3700

Contact: Ralph Turnbaugh, P.E.

EXISTING ROOF SYSTEMS EXISTING 4-PLY AND A CAP BUILT-UP ROOF (HOT ASPHALT) - DEMOLISH - EXISTING NAILED BASE SHEET (MECHANICALLY ATTACHED) EXISTING 7/16" OSB - FOR SEISMIC (MECHANICALLY ATTACHED) - TO REMAIN - EXISTING 2x6 T&G DECK - TO REMAIN EXISTING ROOF ASSEMBLY SCALE: 3" = 1'-0" EXISTING 3-PLY AND A CAP BUILT-UP ROOF (HOT ASPHALT) - DEMOLISH EXISTING NAILED BASE SHEET (MECHANICALLY ATTACHED) - DEMOLISH - EXISTING 7/16" OSB - FOR SEISMIC (MECHANICALLY ATTACHED) - TO REMAIN - EXISTING 2x6 T&G DECK - TO REMAIN AREAS D & H EXISTING ROOF ASSEMBLY - EXISTING 4-PLY AND A CAP BUILT-UP ROOF (HOT ASPHALT) - DEMOLISH - EXISTING 1" PERLITE (HOT ASPHALT) - DEMOLISH - EXISTING 1-PLY VAPOR RETARDER (HOT ASPHALT) EXISTING NAILED BASE SHEET (MECHANICALLY ATTACHED) - DEMOLISH — EXISTING 7/16" OSB - FOR SEISMIC (MECHANICALLY ATTACHED) - TO REMAIN EXISTING 2x6 T&G DECK - TO REMAIN EXISTING ROOF ASSEMBLY EXISTING 4-PLY AND A CAP BUILT-UP ROOF (HOT ASPHALT) - DEMOLISH EXISTING 7/16" OSB - FOR SEISMIC (MECHANICALLY ATTACHED) - TO REMAIN - EXISTING 2x6 T&G DECK - TO REMAIN

NEW ROOF SYSTEMS

AREAS B, D, F & H ROOF ASSEMBLY 1

ROOF ASSEMBLY 2

AREAS B, D, F & H

ROOF ASSEMBLY 3 - ALTERNATE NO. 1

ROOF ASSEMBLY 4 - ALTERNATE NO. 1

4-PLY AND A CAP BUILT-UP ROOF

TAPERED RIGID INSULATION - TYPE 1

FLAT STOCK RIGID INSULATION

(HOT ASPHALT)

(HOT ASPHALT)

(HOT ASPHALT)

(HOT ASPHALT)

(HOT ASPHALT)

2-PLY VAPOR RETARDER

(MECHANICALLY ATTACHED)

EXISTING 7/16" OSB - FOR SEISMIC

4-PLY AND A CAP BUILT-UP ROOF

TAPERED RIGID INSULATION - TYPE 2

- FLAT STOCK RIGID INSULATION

2-PLY VAPOR RETARDER

(MECHANICALLY ATTACHED)

EXISTING 7/16" OSB - FOR SEISMIC

(HOT ASPHALT)

COVER BOARD

(HOT ASPHALT)

(HOT ASPHALT)

(HOT ASPHALT)

(HOT ASPHALT)

NAILED BASE SHEET

SHEATHING PAPER (LOOSE LAID)

EXISTING 2x6 T&G DECK

∠ PVC MEMBRANE

(ADHERED)

COVER BOARD

(ADHESIVE RIBBONS)

(ADHESIVE RIBBONS)

- VAPOR RETARDER (SELF-ADHERED)

- EXISTING 2x6 T&G DECK

PVC MEMBRANE

- COVER BOARD (ADHESIVE RIBBONS)

(ADHESIVE RIBBONS)

- VAPOR RETARDER (SELF-ADHERED)

- EXISTING 2x6 T&G DECK

(ADHERED)

TAPERED RIGID INSULATION - TYPE 1

FLAT STOCK RIGID INSULATION

- EXISTING 7/16" OSB - FOR SEISMIC

- TAPERED RIGID INSULATION - TYPE 2

FLAT STOCK RIGID INSULATION (MECHANICALLY ATTACHED)

- EXISTING 7/16" OSB - FOR SEISMIC

(MECHANICALLY ATTACHED)

NAILED BASE SHEET

SHEATHING PAPER (LOOSE LAID)

EXISTING 2x6 T&G DECK



JGENE SCHOOL DISTRICT 4 ONROE MIDDLE SCHOOL

SHEET TITLE:

SYSTEM ASSEMBLIES

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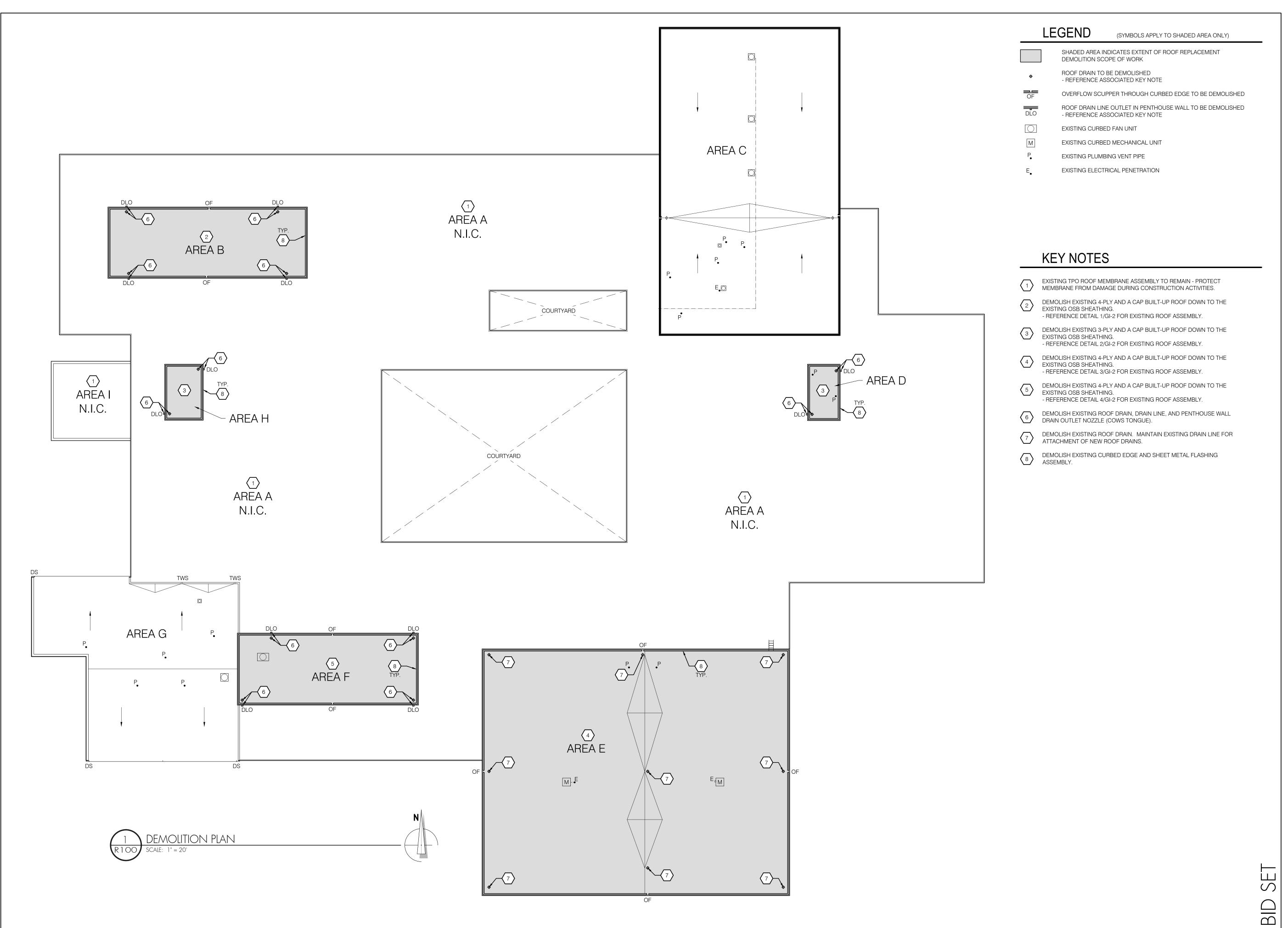
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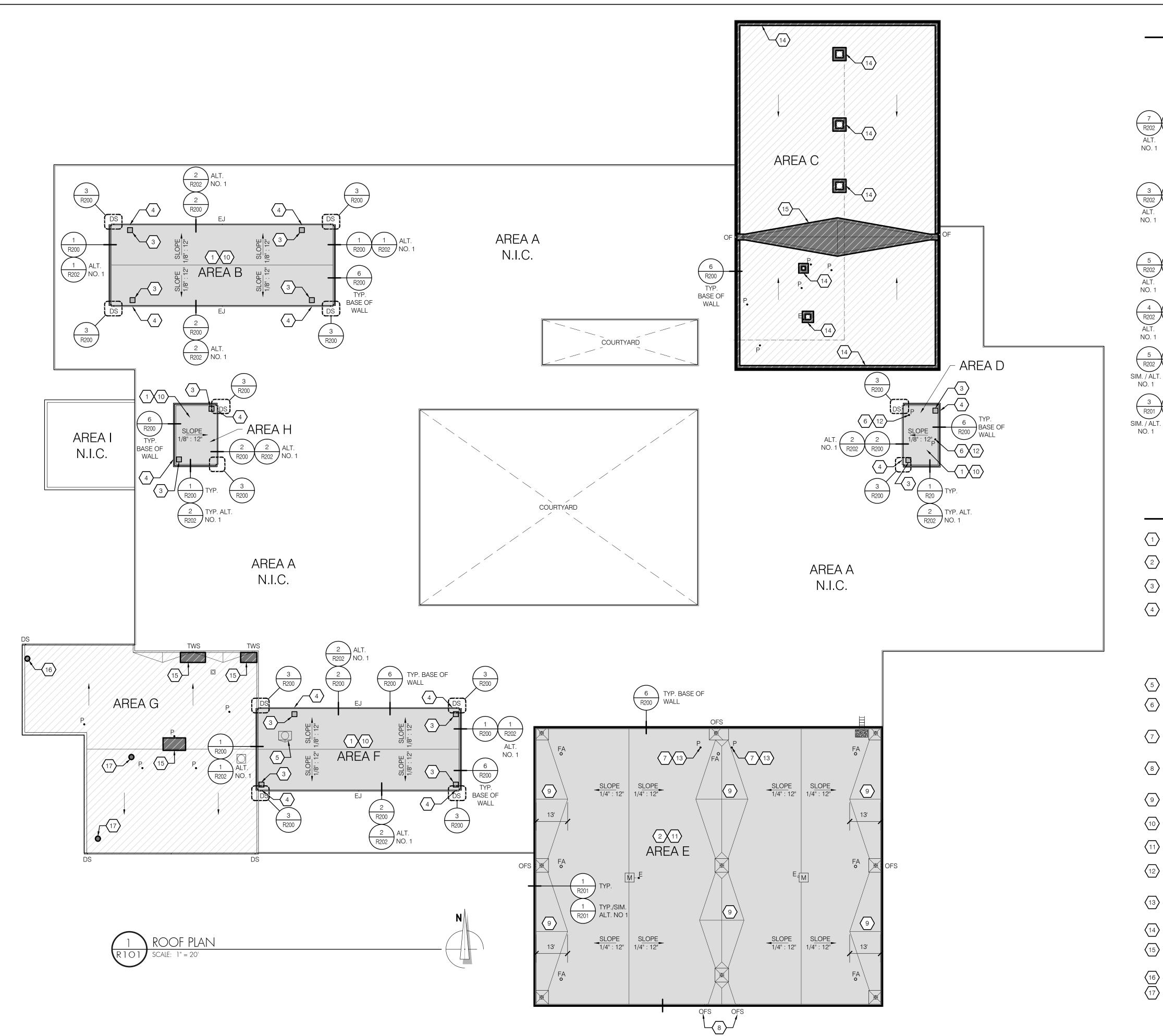
DEMOLITION PLAN

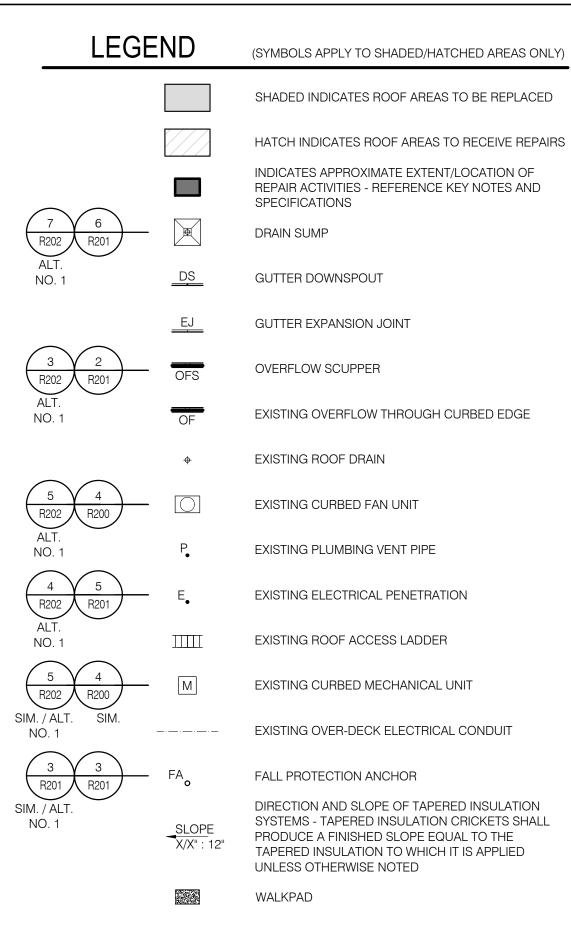
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KEY NOTES

- INSTALL NEW 4-PLY AND A CAP BUILT UP ROOF ASSEMBLY.
- REFERENCE DETAIL 5/GI-2.
- 2 INSTALL NEW 4-PLY AND A CAP BUILT UP ROOF ASSEMBLY.
 REFERENCE DETAIL 6/GI-2.
- INSTALL NEW DECK INFILL PRIOR TO ROOF MEMBRANE ASSEMBLY.
 REFERENCE STRUCTURAL DRAWINGS
- INSTALL WALL PANEL COVER PLATE OVER VOID IN EXISTING METAL WALL PANELS WHERE DRAIN OUTLET WAS REMOVED. WALL PANEL COVER PLATE IS TO MATCH THE PROFILE OF THE EXISTING METAL WALL PANEL AND EXTEND A MINIMUM OF 6" ABOVE AND BELOW THE HOLE IN THE EXISTING METAL WALL PANEL. CLEAN THE SURFACE OF THE EXISTING METAL WALL PANEL AROUND THE HOLE AND WET SET THE WALL PANEL COVER PLATE INTO A BED OF BUTYL SEALANT. FASTEN THE PERIMETER OF THE WALL PANEL COVER PLATE WITH RUBBER WASHERED FASTENERS AT 3" ON CENTER.
- 5 PROVIDE CRICKET ON UP-SLOPE SIDE OF CURB.
- RAISE AND INTEGRATE PLUMBING VENT PIPE INTO ROOF MEMBRANE ASSEMBLY.
 REFERENCE DETAIL 5/R200.
- RAISE AND INTEGRATE PLUMBING VENT PIPE INTO ROOF MEMBRANE ASSEMBLY.
 REFERENCE DETAIL 4/R201.
- OVERFLOW SCUPPERS TO BE NO MORE THAN 2" ABOVE THE SURFACE OF THE ROOF MEMBRANE.
 REFERENCE DETAIL 2/R201 FOR SIMILAR.
- 9 INSTALL INSULATION CRICKET WITH 1/2" PANEL SLOPE UTILIZING A 3:1 LENGTH/WIDTH RATIO EXCEPT WHERE NOTED OTHERWISE.
- ALTERNATE NO. 1: INSTALL NEW PVC ROOF ASSEMBLY.
- REFERENCE DETAIL 7/GI-2.
- ALTERNATE NO. 1: INSTALL NEW PVC ROOF ASSEMBLY.
 REFERENCE DETAIL 8/GI-2.
- ALTERNATE NO. 1: RAISE AND INTEGRATE PLUMBING VENT PIPE INTO ROOF MEMBRANE ASSEMBLY.
 REFERENCE DETAIL 6/R202.
- ALTERNATE NO. 1: RAISE AND INTEGRATE PLUMBING VENT PIPE INTO ROOF MEMBRANE ASSEMBLY.
 REFERENCE DETAIL 6/R202 SIM.
- 8 BUR MEMBRANE REPAIR ALUMINUM COATING APPLICATION
- BUR MEMBRANE REPAIR REINFORCED FLUID-APPLIED MEMBRANE APPLICATION EXTEND THROUGH SCUPPER LINERS AND TERMINATE AT EXTERIOR LEADING EDGE
- 8 BUR MEMBRANE REPAIR OPEN/DRY LAP PATCH
- BUR MEMBRANE REPAIR MEMBRANE PATCH



ONROE MIDDLE SCHOOL

SHEET TITLE:

ROOF PLAN

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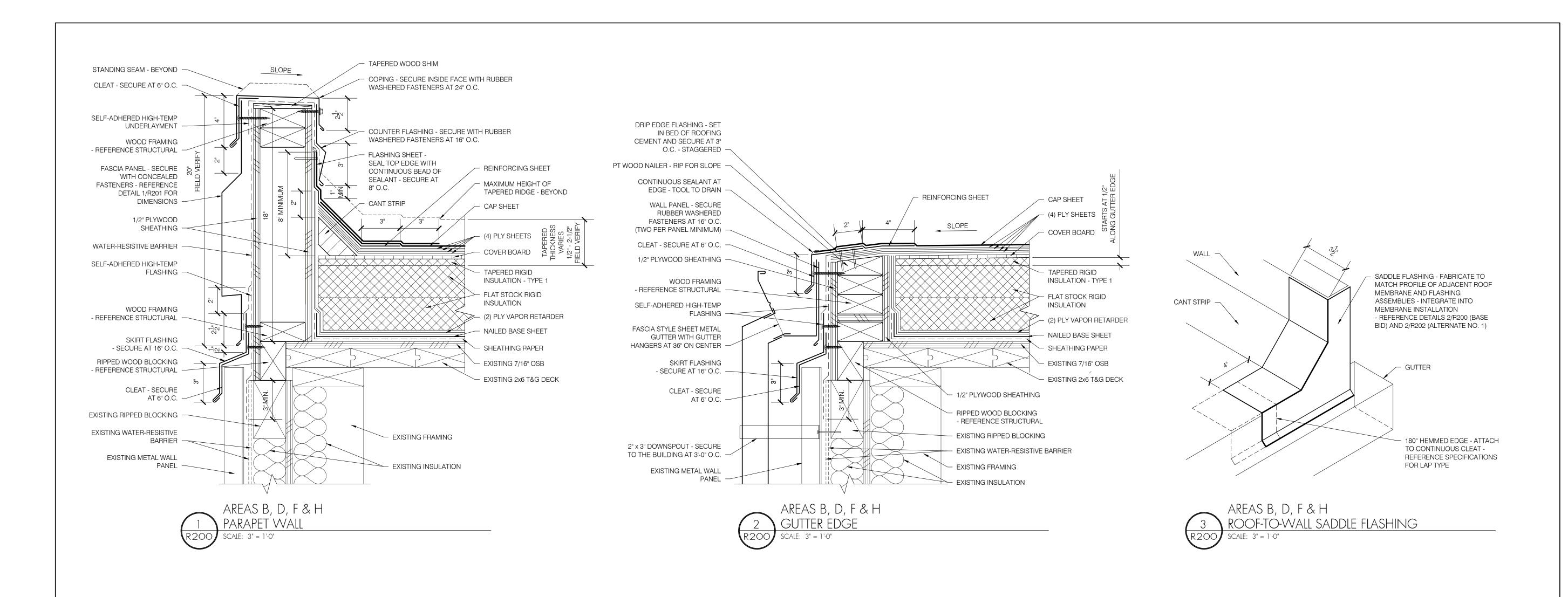
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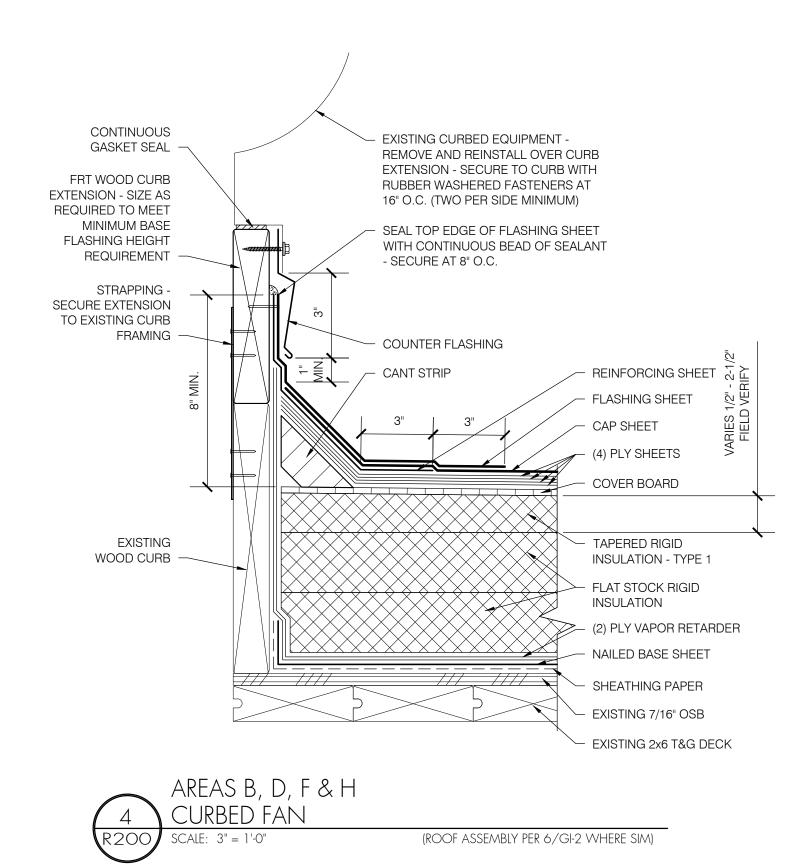
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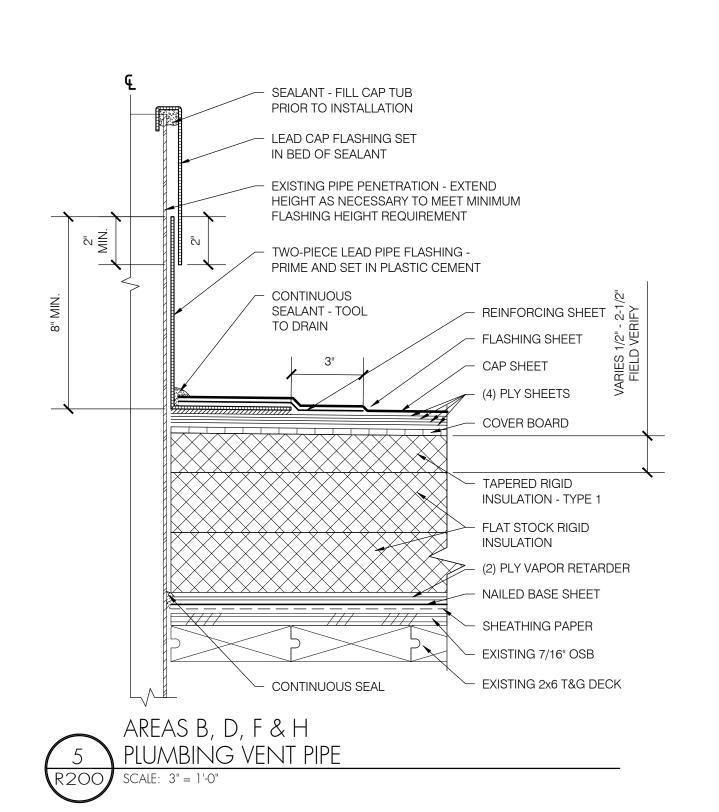
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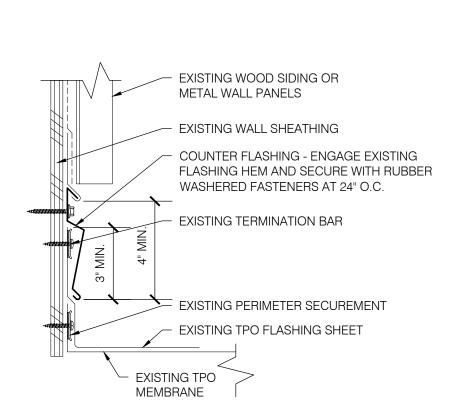
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BASE OF PENTHOUSE WALLS AT AREA A INTERFACE



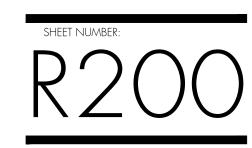
 DETAILS - BASE BID

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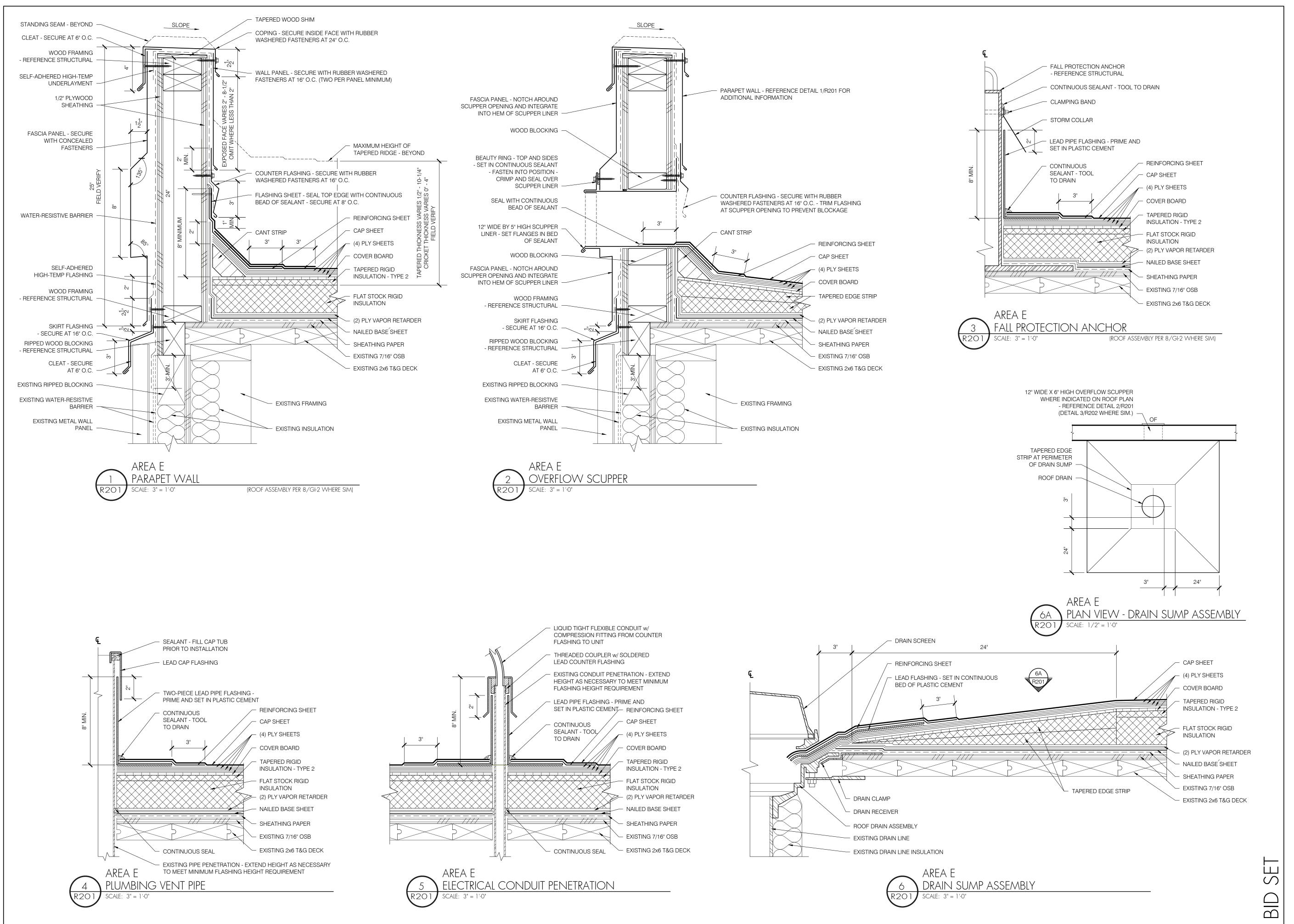
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PROFESSIONAL ROOF

CONSULTANTS

1108 SE GRAND AVENUE, SUITE 300
PORTIAND, OREGON 97214

PORTION D, OREGON 97214 PH. 503 280 8759 FAX: 503 280 8866

MONROE MIDDLE SCHOOL ROOF REPLACEMEN

SHEET TITLE:

DETAILS - BASE BID

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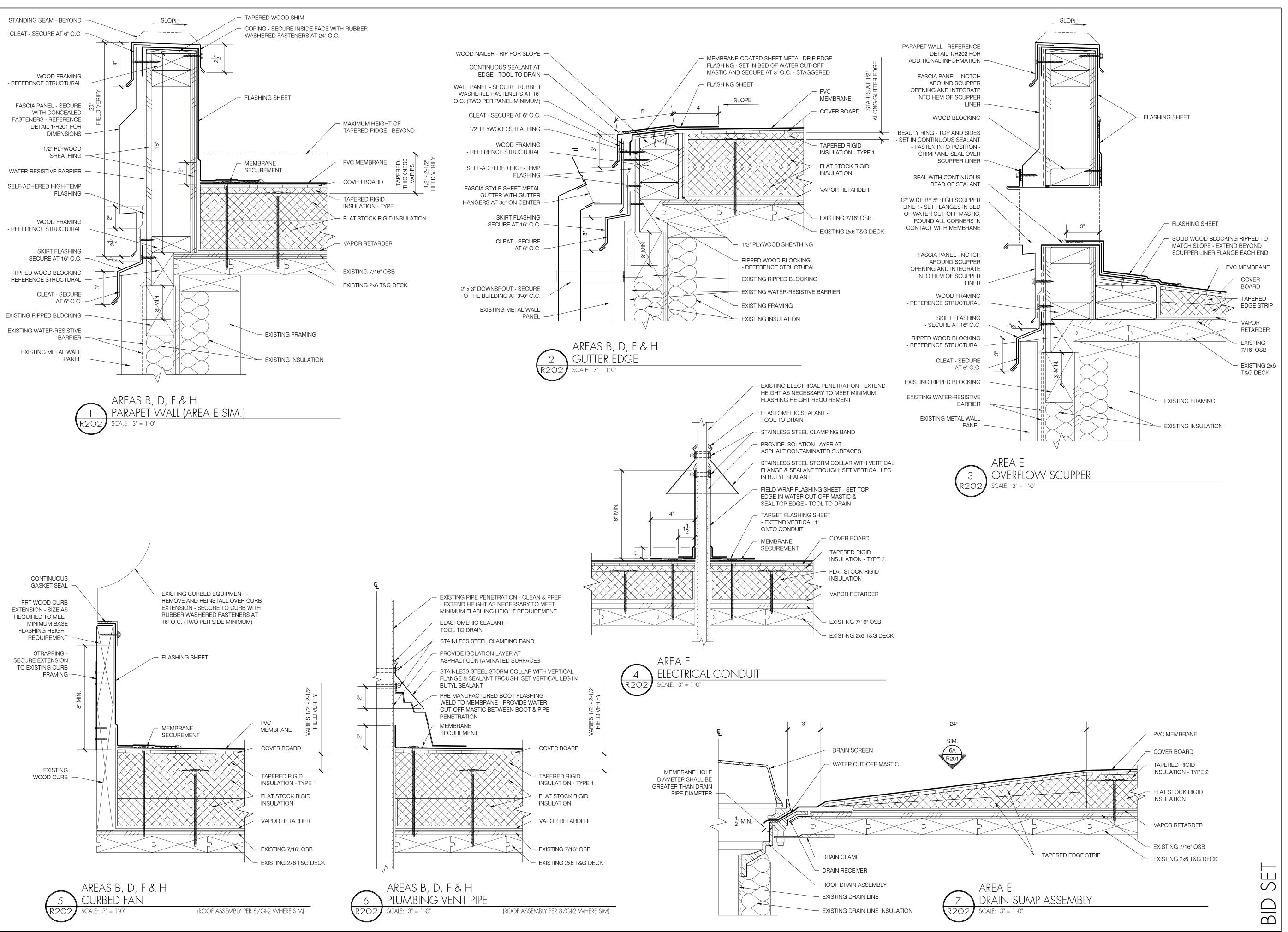
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File: R200-Details

R3282 07





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100F

MONROE MIDDLE SCHOOR

SHEET TITLE:

DETAILS - ALTERNATE NO. 1

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GENERAL STRUCTURAL NOTES:

CONFORM TO THE 2018 INTERNATIONAL BUILDING CODE AS AMENDED BY THE 2019 OSSC, REFERENCED

DESIGN CRITERIA DESIGN WAS BASED ON THE STRENGTH AND DEFLECTION CRITERIA OF THE IBC. IN ADDITION TO THE DEAD LOADS, THE FOLLOWING LOADS WERE USED FOR DESIGN:

GROUND SNOW LOAD Pg: 25 PSF FLAT-ROOF SNOW LOAD Pf: 25 PSF SNOW EXPOSURE FACTOR Ce: 1.0

SNOW IMPORTANCE FACTOR Ic: 1.10 THERMAL FACTOR Ct: 1.0

BASIC WIND SPEED (3-SEC GUST, ULTIMATE): 105 MPH

BUILDING CATEGORY: III WIND EXPOSURE: B

THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES FROM CONDITIONS SHOWN ON THE DRAWINGS PRIOR TO THE START OF THE WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE NEW AND EXISTING STRUCTURES AND WALLS DURING CONSTRUCTION. THE STRUCTURE SHOWN ON THE DRAWINGS HAS BEEN DESIGNED FOR STABILITY UNDER THE FINAL CONFIGURATION ONLY.

SAWN LUMBER DESIGN IS BASED ON THE NATIONAL DESIGN SPECIFICATION, LATEST EDITION. SAWN LUMBER SHALL CONFORM TO WEST COAST LUMBER INSPECTION BUREAU OR WESTERN WOOD PRODUCTS ASSOCIATION GRADING RULES. UNLESS NOTED OTHERWISE ALL LUMBER SHALL BE 19% AT TIME OF FABRICATION AND DRIED TO A MAXIMUM OF 15% BEFORE INSTALLATION OF GYP. BOARD AND OF BRICK VENEER AND VERIFIED BY THE GENERAL CONTRACTOR. ALL WOOD IN PERMANENT CONTACT WITH CONCRETE OR CMU SHALL BE PRESSURE TREATED UNLESS AN APPROVED BARRIER IS PROVIDED. GRADES SHALL BE D.F. #2 UNLESS NOTED OTHERWISE ON THE PLANS.

FRAMING ACCESSORIES AND STRUCTURAL FASTENERS SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY (OR ENGINEER APPROVED EQUAL) AND OF THE SIZE AND TYPE SHOWN ON THE DRAWINGS AND ATTACHED PER MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS UNLESS NOTED OTHERWISE. HANGERS NOT SHOWN SHALL BE SIMPSON HU OF SIZE RECOMMENDED FOR MEMBER. ALL FRAMING NAILS SHALL BE COMMON NAILS. NO BOX NAILS ALLOWED. FASTENERS AND ACCESSORIES IN CONTACT WITH PRESERVATIVE TREATED WOOD MUST BE HOT DIPPED GALVANIZED OR HAVE ZMAX COATING. ALL FASTENERS IN CONTACT WITH FIRE RETARDANT LUMBER MUST BE HOT-DIPPED GALVANIZED. DO NOT INSTALL 0.148" x 1 1/2" NAILS IN HANGERS UNLESS SPECIFICALLY NOTED ON THE PLANS & DETAILS. NAIL CALLOUTS SHALL BE INTERPRETED AS FOLLOWS:

NAIL CALLOUT	DIAMETER	LENGTH
8d COMMON	0.131"	2 1/2"
10d COMMON	0.148"	3"
16d COMMON	0.162"	3 1/2"
16d SINKER	0.148"	3 1/4"

ROOF SHEATHING NAILS 0.131" 2 1/2" (RING SHANK AT DECK ROOF)

SHEATHING PANELS SHALL CONFORM TO THE REQUIREMENTS OF VOLUNTARY PRODUCT STANDARD PS 1 OR PS 2, OR APA PRP-108 PERFORMANCE STANDARDS. UNLESS NOTED, PANELS SHALL BE APA RATED SHEATHING, EXPOSURE 1, OF THE THICKNESS AND SPAN RATING SHOWN ON THE DRAWINGS. INSTALLATION SHALL BE IN CONFORMANCE WITH APA RECOMMENDATIONS. ALLOW 1/8" SPACING AT PANEL ENDS AND EDGES, UNLESS OTHERWISE RECOMMENDED BY THE PANEL MANUFACTURER.

ALL ROOF SHEATHING SHALL BE INSTALLED WITH FACE GRAIN PERPENDICULAR TO SUPPORTS, EXCEPT AS INDICATED ON THE DRAWINGS. ROOF SHEATHING SHALL EITHER BE BLOCKED, TONGUE-AND-GROOVE, OR HAVE EDGES SUPPORTED BY PLYCLIPS. NAILING NOT SPECIFICALLY IDENTIFIED ON THE DRAWINGS SHALL CONFORM TO IBC TABLE 2304.9.1.

ALL MISCELLANEOUS STEEL: ASTM A36 (Fy=36,000 PSI), OR AS NOTED ASTM A572 (Fy=50 KSI).

ALL BOLTS: ASTM A307 UNLESS NOTED OTHERWISE. ALL STEEL TO HAVE SHOP COAT.

ALL STEEL EXPOSED TO WEATHER SHALL BE HOT DIP GALVANIZED PER ASTM 123 FOR STRUCTURAL STEEL AND ASTM 153 FOR BOLTS AND HARDWARE. FABRICATION OF STEEL THAT IS TO BE HOT DIP GALVANIZED SHALL ALSO MEET ASTM A385. REPAIR OF DAMAGED GALVANIZED COATING SHALL BE MADE WITH PRODUCTS MEETING ASTM A780 AND AS A MINIMUM SHALL BE 50% GREATER IN THICKNESS THAN THE SURROUNDING GALVANIZING.

THE CONTRACTOR SHALL COORDINATE SEISMIC RESTRAINTS OF ELECTRICAL EQUIPMENT, MECHANICAL, PLUMBING, FIRE SPRINKLER, MACHINERY, AND ASSOCIATED PIPING WITH THE STRUCTURE. ANY CONNECTIONS TO STRUCTURE NOT CONFORMING TO SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (SMACNA), OR SPECIFICALLY DETAILED ON THE MECHANICAL ENGINEER'S DRAWINGS, SHALL BE DESIGNED IN ACCORDANCE OF THESE GENERAL NOTES, BY AN ENGINEER REGISTERED IN THE STATE OF WASHINGTON, AND SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO FABRICATION.

FLASHING AND WATERPROOFING:

ALL FLASHING AND WATERPROOFING SHALL BE PER PROFESSIONAL ROOF CONSULTANTS UNLESS NOTED

FALL PROTECTION GENERAL STRUCTURAL NOTES:

- 1. CONFORM TO THE 2018 INTERNATIONAL BUILDING CODE AS AMENDED BY THE 2019 OREGON STRUCTURAL SPECIALTY CODE, REFERENCED HEREAFTER AS IBC.
- 2. CONFORM TO OREGON OSHA STANDARDS FOR THE CONSTRUCTION INDUSTRY SUBPART M (FALL PROTECTION) AND ALL APPLICABLE STATE ADMINISTRATIVE CODE SAFETY STANDARDS.
- 3. CONFORM TO ANSI/ASSE Z359 AMERICAN NATIONAL
- STANDARD, CURRENT EDITION.

SYSTEM REQUIREMENTS:

- 1. INDIVIDUAL ANCHORS SHALL BE USED FOR A MAXIMUM OF
- ONE PERSON IN FALL ARREST OR FALL RESTRAINT. 2. PERSONAL FALL ARREST SYSTEMS (PFAS) SHALL BE LIMITED TO FULL BODY HARNESSES THAT LIMIT THE MAXIMUM FALL ARREST LOAD TO 900 LBS.
- 3. ANCHORS ARE TO BE USED ONLY BY PERSONS TRAINED IN THEIR USE. LANYARDS, SAFETY HARNESSES, ATTACHMENTS, AND ALL OTHER PERSONAL SAFETY DEVICES ATTACHED TO THE ANCHOR ARE THE SOLE RESPONSIBILITY OF THE USER AND NOT TM RIPPEY CONSULTING ENGINEERS.
- 4. ANCHORS ARE TO BE VISUALLY INSPECTED BY THE USER PRIOR TO EACH USE.
- 5. ANCHORS ARE TO BE INSPECTED ANNUALLY BY A 'QUALIFIED
- 6. ANCHORS SHALL BE RE-CERTIFIED BY A 'COMPETENT PERSON' WHEN RE-ROOFING OR RENOVATION OR AT PERIODS NOT TO EXCEED 10 YEARS.
- 7. THE SYSTEM USER IS TO MAINTAIN A LOG BOOK OF USE AND INSPECTION.
- 8. FALL PROTECTION SYSTEMS SERVING ROOF EDGES WITH INSUFFICIENT HEIGHT FOR FALL ARREST CLEARANCE SHALL BE CLEARLY IDENTIFIED AS 'FALL RESTRAINT' ONLY.

ULTIMATE ANCHOR LOAD: 5000 LB ALLOWABLE LOAD: 310 LB (PER PERSON, COMBINED BODY WEIGHT

1. SINGLE POINT FALL ARREST ANCHORS - 'GUARDIAN CB18', OR EQUIVALENT APPROVED BY THE ENGINEER.

BY THE OWNER.

- 1. INSTALL IN ACCORDANCE WITH APPROVED DRAWINGS AND MANUFACTURER'S INSTRUCTIONS.
- 2. PROVIDE SPECIAL INSPECTION OF INSTALLATION BY A CERTIFIED INDEPENDENT TESTING LABORATORY EMPLOYED

EXP: 6/30/22



СПЕЕТ	т

GENERAL STRUCTURAL NOTES AND FALL PROTECTION

STRUCTURAL NOTES

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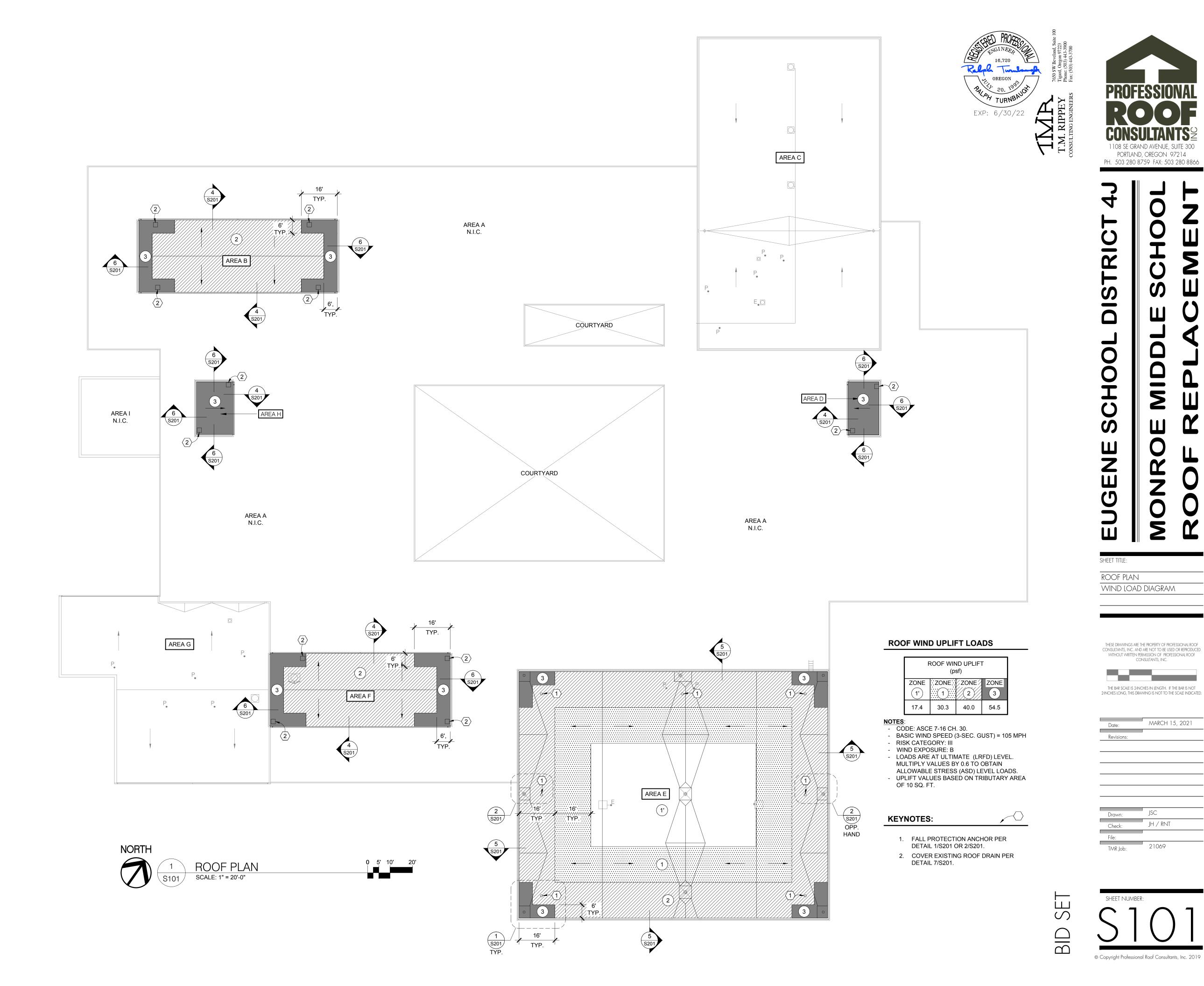


THE BAR SCALE IS 2-INCHES IN LENGTH. IF THE BAR IS NOT 2-INCHES LONG, THIS DRAWING IS NOT TO THE SCALE INDICATED.

Drawn:	JSC
Check:	JH / RNT
File:	

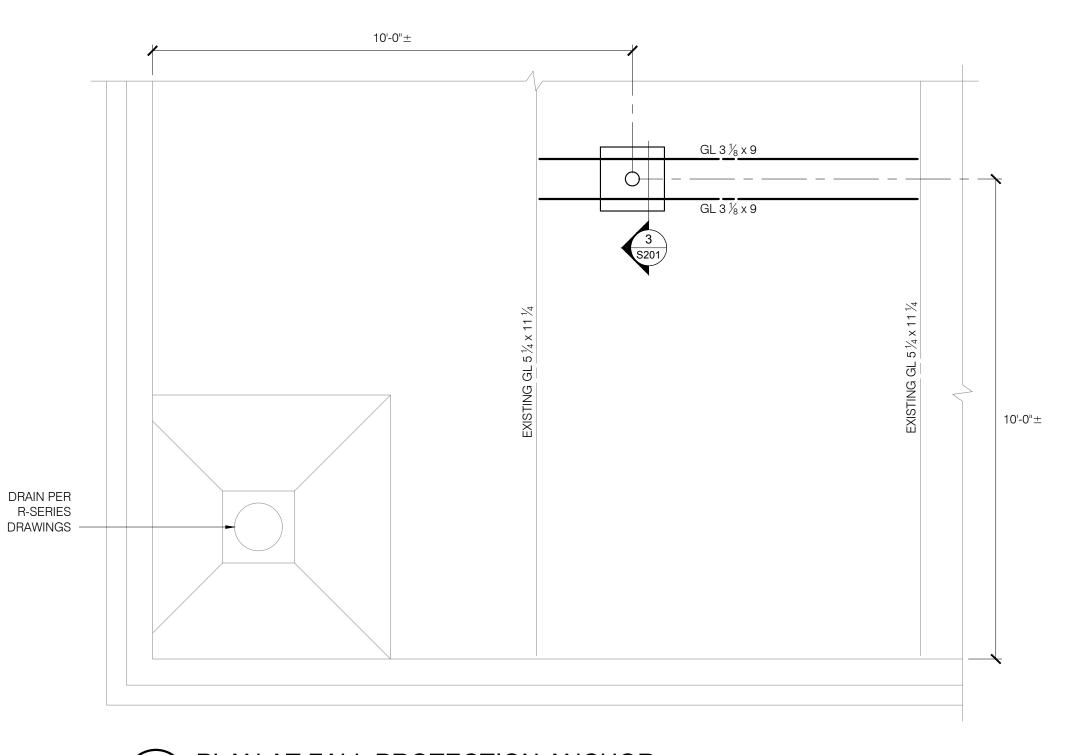
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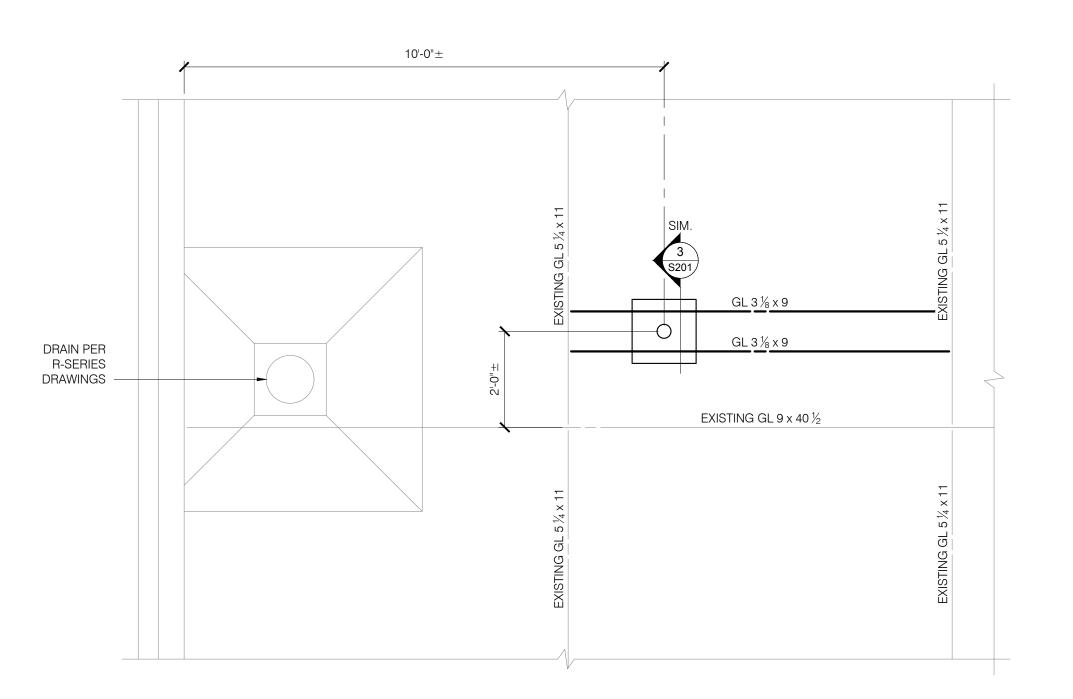
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MARCH 15, 2021

21069





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

- DOUBLE 2x8

TOP PLATE

15/32" PLYWOOD

SHEATHING EACH

SIDE FASTENED W/

8d NAILS @ 6" O/C

AT ALL SUPPORTS

- 2x8 STUDS @ 2'-0" O/C.

TOENAILS TO PLATES

TOP AND BOTTOM W/

(2) 10d NAILS

EXISTING T&G

EXISTING 2x12

SCALE: 1" = 1'-0"

DECKING

EXISTING GL BEAM

AREA 'E' PARAPET SECTION

CL OF HOLDOWN -

SIMPSON 'DTT2Z

HOLDOWN @ 4'-0" O/C

MAX. W/ ½"Ø x LENGTH

4" PENETRATION INTO

TOP OF GL BEAM

EXISTING 7/16" OSB

S201

(SEE R-SERIES

DRAWINGS)

REQ'D. LAG SCREW FOR

PLAN AT FALL PROTECTION ANCHOR

ROOFING / INSULATION PER R-SERIES DRAWINGS

½" PLYWOOD

SHEATHING, TYP.

— EXISTING ⁷/₁₆" OSB

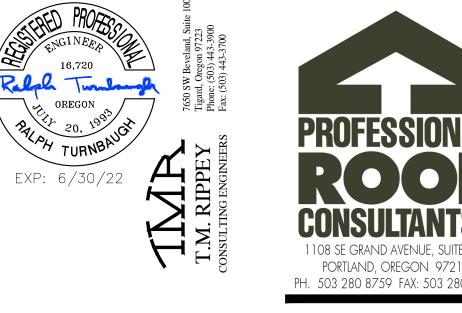
- EXISTING 2x6 T&G DECK

- RIPPED WOOD BLOCKING

EXISTING FRAMING

EXISTING RIPPED BLOCKING

SCALE: 3" = 1'-0"





STRUCTURAL DETAILS

THE BAR SCALE IS 2-INCHES IN LENGTH. IF THE BAR IS NOT 2-INCHES LONG, THIS DRAWING IS NOT TO THE SCALE INDICATED.

JSC

JH / RNT Check:

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21069 TMR Job:

CUT BACK EXISTING OSB SHEATHING 6" FROM DRAIN AT ALL SIDES AND COVER DRAIN W/ 7/16" OSB TYP. SHEATHING -- 8d NAILS @ 6" O/C EXISTING 7/16 ALL SIDES, TYP. OSB SHEATHING - EXISTING 2x EXISTING ROOF T&G DECKING DRAIN TO BE ABANDONED

AREA: B, D, F, & H GUTTER EDGE

2x4 PLATES LAMINATED TOGETHER W/ 10d

NAILS @ 1'-4" O/C,

PLYWOOD FILLER

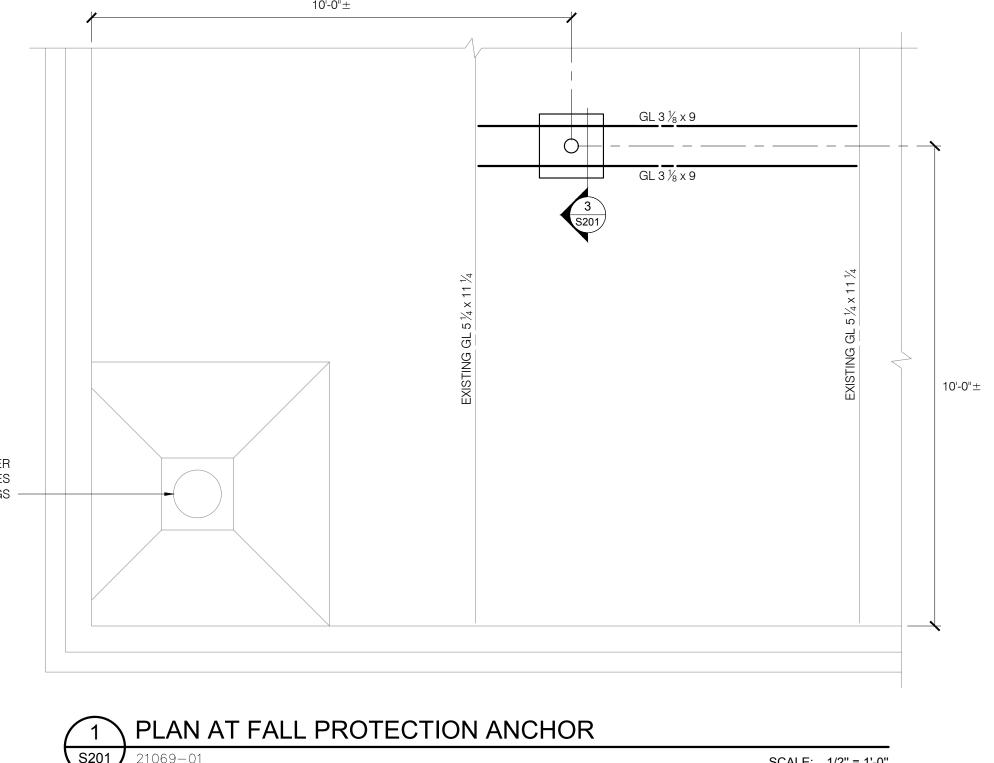
SIMPSON 'SDS25312'

SCREWS @ 2'-8" O/C

AND 8" FROM ENDS

S201

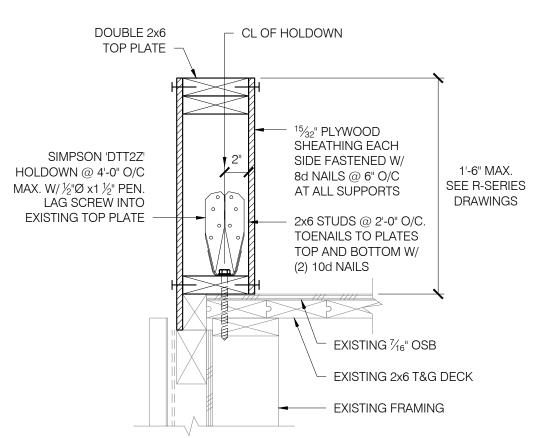
STAGGERED





CL. ANCHOR 2'-0"± AT SIM. CONDITION GUARDIAN 'CB-18' (PART #00656) -(4) ½"Ø THRU BOLT OR ASTM A36 THREADED ROD EXISTING $\frac{7}{16}$ " OSB SHEATHING W/ DOUBLE LOCKING NUT GL 3 1/8 x9 HUNG W/ SIMPSON 'HGUS3.25/10' HANGER, TYP. 3x3x¹/₄" PLATE EXISTING 2x WASHER, TYP. T&G DECKING -- EXISTING GL 5 ½ x 11 ½ PURLIN **EXISTING** GL 9x40 ½ AT SIM. CONDITION —

FALL ANCHOR SECTION S201 SCALE: 1" = 1'-0"



AREA 'B', 'D', 'F', & 'H' PARAPET SECTION SCALE: 1 1/2" = 1'-0"

SECTION AT ABANDONED ROOF DRAIN S201 SCALE: 1 1/2" = 1'-0"