

# Downtown Knoxville Design Overlay District Certificate of Appropriateness

Name of Applicant: JOSH BIDEN

Owner  Contractor  Architect  Engineer  Other

Date Filed: 2/6/15 Application accepted by: Michael Reynolds

Fee Amount: \$50 Review Date: 2/10/15 File Number: 2-F-15-DT

<b>PRE-APPLICATION CONFERENCE</b>		Date Completed: _____
<b>PROPERTY INFORMATION</b> Building or Project Name: <u>PBA PROMENADE</u> <u>RE-ROOF</u> Street Address: <u>401 STATE STREET</u> Parcel Identification Number(s): _____		<b>PROJECT ARCHITECT/ENGINEER</b> PLEASE PRINT Name: <u>JOHNSON ARCHITECTURE INC.</u> Company: <u>JOSH BIDEN/ERIC BOWEN</u> Address: <u>2240 SUTHERLAND AVE. SUITE 105</u> City: <u>KNOXVILLE</u> State: <u>TN</u> Zip: <u>37919</u> Telephone: <u>865-671-9060</u> Fax: _____ E-mail: <u>jbiden@jainc.com</u>
<b>PROPERTY OWNER</b> PLEASE PRINT Name: <u>PUBLIC BUILDING AUTHORITY</u> Company: <u>KNOXVILLE &amp; KNOX CO.</u> Address: <u>KNOXVILLE CITY COUNTY BLDG.</u> City: <u>KNOXVILLE</u> State: <u>TN</u> Zip: <u>37902</u> Telephone: <u>865-215-2121</u> Fax: _____ E-mail: <u>jgalyon@ktnpba.org</u>		<b>PROJECT CONTRACTOR</b> PLEASE PRINT Name: <u>JOHNSON &amp; GALYON</u> Company: <u>ELLEN FOWLER</u> Address: <u>1130 ATLANTIC AVE</u> City: <u>KNOXVILLE</u> State: <u>TN</u> Zip: <u>37917</u> Telephone: <u>865-688-1111</u> Fax: _____ E-mail: <u>efowler@johnsongalyon.com</u>
<b>ACCOMPANYING MATERIALS</b> Please see the reverse side of this form for a list of information required as part of this application.		
<b>FOR OFFICE USE ONLY</b>		
<b>PROJECT INFORMATION</b> LEVEL 1: \$50 <input checked="" type="checkbox"/> Minor Alteration of an Existing Building/Structure <input type="checkbox"/> Sign LEVEL 2: \$100 <input type="checkbox"/> Major Alteration of an Existing Building/Structure <input type="checkbox"/> Addition to an Existing Building/Structure LEVEL 3: \$250 <input type="checkbox"/> Construction of New Building/Structure		<b>PROJECT CONTACT</b> All application-related correspondence should be directed to: PLEASE PRINT Name: <u>JOSH BIDEN</u> Company: <u>JOHNSON ARCH.</u> Address: <u>2240 SUTHERLAND AVE.</u> City: <u>KNOXVILLE</u> State: <u>TN</u> Zip: <u>37919</u> Telephone: <u>865-671-9060</u> Fax: <u>865-671-9061</u> E-mail: <u>jbiden@jainc.com</u>

NOTE: Payment is due at time of application. Please make check payable to Knoxville Knox County Metropolitan Planning Commission.

LOCATION



CONTEXT PHOTO



CODE REQUIREMENTS

PROJECT: Roof Renovation : Public Building Authority Promenade Garage

ARCHITECT: Johnson Architecture, Inc. 865-671-9060 fax 865-671-9061

CONTACT: Eric Bowen - 865-671-9060

Applicable Codes:

- 2012 International Building Code w/ adopting ordinance
- 2012 International Mechanical Code w/ adopting ordinance
- 2012 International Plumbing Code w/ adopting ordinance
- 2012 International Fuel Gas Code w/ adopting ordinance
- 2012 International Fire Code w/ adopting ordinance
- 2008 National Electric Code w/ adopting ordinance
- 2012 NFPA 101, Life Safety Code w/ adopting ordinance
- 2012 International Council Performance Code w/ adopt. ord.
- 2012 International Energy Conservation Code w/adopt. ord.
- 2012 International Green Construction Code w/ adopt. ord.

Roof Renovation Area: 6,075 SF

DRAWING INDEX

- ARCHITECTURAL
- 1.0 GENERAL NOTES
  - 2.0 ROOF LEVEL DEMOLITION PLAN & ROOF PLAN
  - 2.1 ENLARGED ROOF PLANS
  - 2.2 ROOF DETAILS

SCOPE OF WORK

THE PROJECT INCLUDES THE DEMOLITION AND REMOVAL OF EXISTING ROOF SYSTEMS AND ROOF STRUCTURES ABOVE THE EXISTING OPEN AIR PROMENADE CONNECTED TO THE PROMENADE PARKING STRUCTURE LOCATED AT 401 STATE STREET IN DOWNTOWN KNOXVILLE, TENNESSEE. A NEW EPDM ROOF MEMBRANE AND SUBSTRATE WILL BE INSTALLED. THE EXISTING PROMENADE ROOF DECK IS APPROXIMATELY 22'-0" WIDE BY 360'-0" IN LENGTH. ALL PRIVATELY OWNED STRUCTURES AND ACCESSORIES ON CITY PROPERTY WILL BE REMOVED OR RELOCATED BY BUILDING TENANT PRIOR TO DEMOLITION & NEW CONSTRUCTION.

GENERAL NOTES

- DO NOT SCALE DRAWINGS, WRITTEN DIMENSIONS PREVAIL. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE PRIOR TO THE START OF ANY WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTING CONDITIONS PRIOR TO BIDDING AND SHALL BE FAMILIAR WITH ALL ASPECTS OF THE JOB, INCLUDING SITE UTILITIES.
- ALL DIMENSIONS ARE TO FACE OF STUD, CENTERLINE OF COLUMN, FACE OF MASONRY OR CONCRETE, EDGE OF WALK OR FACE OF CURB UNLESS NOTED OTHERWISE. FOR FURTHER DIMENSIONS, SEE LARGE SCALE PLANS, SECTIONS, EXTERIOR ELEVATIONS, INTERIOR ELEVATIONS, AND DETAILS.
- IN CASE OF DIMENSIONAL DISCREPANCIES BETWEEN ARCHITECTURAL AND ENGINEERING DRAWINGS, CONTACT ARCHITECT FOR CLARIFICATION.
- ITEMS NOT INCLUDED IN GENERAL CONTRACTOR'S CONTRACT ARE MARKED 'N.I.C.' (NOT IN CONTRACT) AND SHALL BE PERFORMED BY OWNER'S OWN FORCES.
- PROVIDE WOOD BLOCKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT OR ACCESSORIES. NAILERS, BLOCKING, AND OTHER ROUGH CARPENTRY ITEMS IN RATED ASSEMBLIES SHALL BE TREATED FOR FIRE RESISTANCE.
- CAULK AT JUNCTURE OF INTERIOR FACES OF DOOR FRAMES, VIEW WINDOW FRAMES, EXTERIOR WINDOW FRAMES, CABINET WORK, RECESSED TOILET ACCESSORIES, SURFACE MOUNTED TOILET ACCESSORIES, ETC. WITH ADJACENT MATERIAL, EVEN THOUGH JOINT MAY NOT BE VISIBLE.

SYMBOLS

	EARTH		SURFACE ELEVATION (PLAN)
	CRUSHED STONE		LEVEL LINE (ELEVATION / SECTION)
	CONC. MASONRY UNITS		COLUMN LINE
	BRICK		BUILDING / WALL SECTION
	STONE		DETAIL SHEET REFERENCE
	FERROUS MATERIALS		EXTERIOR ELEVATIONS
	CONCRETE - PRECAST		INTERIOR ELEVATIONS
	CONCRETE - CAST-IN-PLACE		DOOR NUMBER
	PLYWOOD		ROOM NUMBER + LETTER
	WOOD - ROUGH		WINDOW TYPE
	WOOD - FINISH		ACCESSORY TYPE
	INSULATION - BATT		REVISION NUMBER AND DATE
	INSULATION - RIGID		ENLARGED DETAIL
	GYPSUM BOARD		SLOPE OR DIRECTION INDICATOR
	ACOUSTICAL TILE		
	CERAMIC TILE		
	PLASTER		
	MARBLE		
	LIMESTONE		
	GRANITE		
	CARPET		

ABBREVIATIONS

<b>A</b> AND	<b>D</b> DETAIL	<b>G</b> GALV GALVANIZED	<b>M</b> MAR MARBLE	<b>R</b> R RADIUS, RISER
<b>B</b> BOARD	<b>DI</b> DIA DIAMETER	<b>GL</b> GLASS GLASS	<b>MAX</b> MAXIMUM	<b>RE</b> REFERENCE
<b>BD</b> BLDG BUILDING	<b>DR</b> DRUM DRUM	<b>GFRC</b> GLASS FIBER REINF. CONC.	<b>MB</b> MARKER BOARD	<b>RD</b> ROOF DRAIN
<b>BLK</b> BLOCK	<b>DM</b> DIM DIMENSION	<b>GL BLK</b> GLASS BLOCK	<b>MH</b> MANHOLE	<b>REFL</b> REFLECTED
<b>BLKG</b> BLOCKING	<b>DN</b> DOWN	<b>GR</b> GRADE	<b>MFR</b> MANUFACTURER	<b>REINF</b> REINFORCED
<b>BM</b> BENCH MARK	<b>DR</b> DOOR	<b>GYP BD</b> GYPSUM BOARD	<b>MESH</b> MECHANICAL	<b>REQ'D</b> REQUIRED
<b>BM</b> BEAM	<b>DS</b> DOWN SPOUT	<b>GCMU</b> GLAZED CONCRETE MASONRY UNIT	<b>MIN</b> MINIMUM	<b>RES. FLR.</b> RESINOUS FLOORING
<b>BRG</b> BEARING	<b>DRW</b> DRAWING		<b>MTL</b> METAL	<b>RM</b> ROOM
<b>BRG PL</b> BEARING PLATE			<b>MO</b> MASONRY OPENING	<b>RQ</b> ROUGH OPENING
			<b>MISC</b> MISCELLANEOUS	<b>R/WL</b> RAIN WATER LEADER
<b>CB</b> CATCH BASIN	<b>E</b> EACH			
<b>CMU</b> CONCRETE MASONRY UNIT	<b>EJ</b> EXPANSION JOINT			
<b>CI</b> CURB INLET	<b>EL</b> ELEVATION			
<b>CP</b> CAST-IN-PLACE CONCRETE	<b>ELEC</b> ELECTRICAL			
<b>CLG</b> CEILING	<b>ELEV</b> ELEVATION			
<b>CLO</b> CLOSET	<b>EMER</b> EMERGENCY			
<b>CLR</b> CLEAR CLEARANCE	<b>EOS</b> EDGE OF SLAB			
<b>COL</b> COLUMN	<b>EQUIP</b> EQUIPMENT			
<b>CONC</b> CONCRETE	<b>ENC</b> ELECTRIC WATER COOLER			
<b>CONF</b> CONFERENCE ROOM	<b>EXIST</b> EXISTING			
<b>CONT</b> CONTINUOUS	<b>EXT</b> EXTERIOR			
<b>CONTR</b> CONTRACTOR				
<b>CORR</b> CORRIDOR	<b>FA</b> FIRE ALARM			
<b>CPT</b> CARPET	<b>FD</b> FLOOR DRAIN			
<b>CTR</b> CENTER	<b>FE</b> FIRE EXTINGUISHER			
<b>CT</b> CERAMIC TILE	<b>FEC</b> FIRE EXTINGUISHER CABINET			
	<b>FHG</b> FIRE HOSE CABINET			
	<b>FS</b> FIRE STANDPIPE			
	<b>FFE</b> FINISH FLOOR ELEVATION			
	<b>FFL</b> FINISH FLOOR LINE			
	<b>FIN</b> FINISH			
	<b>FIN FL</b> FINISH FLOOR			
	<b>FLUOR</b> FLUORESCENT			
	<b>FOF</b> FACE OF FINISH			
	<b>FOS</b> FACE OF STUD			
	<b>FURR</b> FURK (ED) (ING)			
		<b>H</b> HANDICAPPED		
		<b>H/C</b> HOLLOW CORE		
		<b>HD</b> HAND HEAD		
		<b>HDWE</b> HARDWARE		
		<b>HM</b> HOLLOW METAL		
		<b>HORIZ</b> HORIZONTAL		
		<b>HGT</b> HEIGHT		
		<b>HP</b> HIGH POINT		
		<b>HR</b> HOUR		
		<b>HSTWY</b> HOISTWAY		
			<b>NC</b> NONCOMBUSTIBLE	
			<b>NG</b> NOT IN CONTRACT	
			<b>NO</b> NUMBER	
			<b>N/A</b> NOT APPLICABLE	
			<b>NTS</b> NOT TO SCALE	
				<b>S</b> SHEET
				<b>SHT</b> SHEET
				<b>SIM</b> SIMILAR
				<b>SPEC</b> SPECIFICATIONS
				<b>SS</b> STAINLESS STEEL
				<b>STL</b> STEEL
				<b>STOR</b> STORAGE
				<b>STRUCT</b> STRUCTURE (STRUCTURAL)
				<b>T</b> TREAD
				<b>T.B.</b> TACK BOARD
				<b>TEL</b> TELEPHONE
				<b>T.O.S.</b> TOP OF STEEL
				<b>T.O.W.</b> TOP OF WALL
				<b>TYP</b> TYPICAL
				<b>U</b> UNLESS NOTED OTHERWISE
				<b>V</b> VINYL COMPOSITION TILE
				<b>VERT</b> VERTICAL
				<b>VP</b> VERIFY IN FIELD
				<b>W</b> WIDTH
				<b>WC</b> WATER CLOSET
				<b>WH</b> WATER HEATER
				<b>W</b> WITH
				<b>WWF</b> WELDED WIRE FABRIC



A Roof Replacement at the Promenade Garage for:  
THE PUBLIC BUILDING AUTHORITY OF KNOX COUNTY AND KNOXVILLE  
401 State Street  
Knoxville, Tennessee 37902

GENERAL NOTES

REVISIONS:

DATE: 1/26/15  
FILE NAME:  
PROJECT NO: 143031

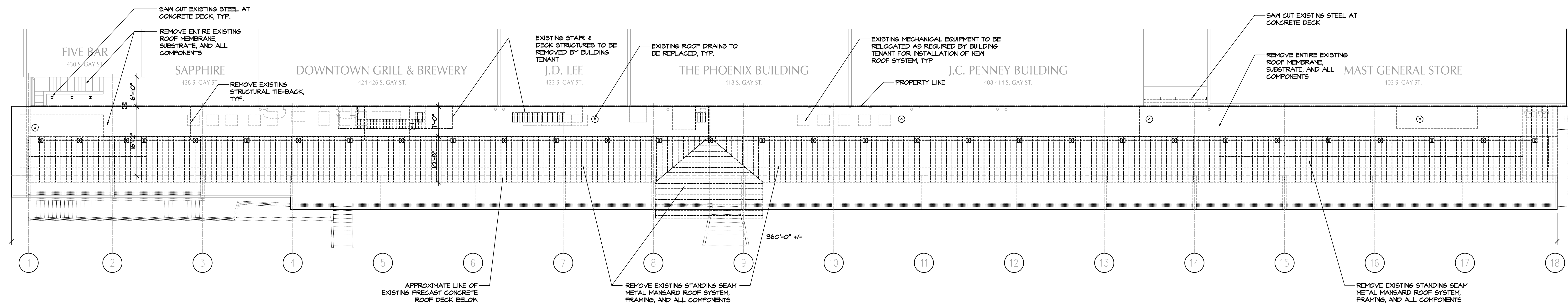
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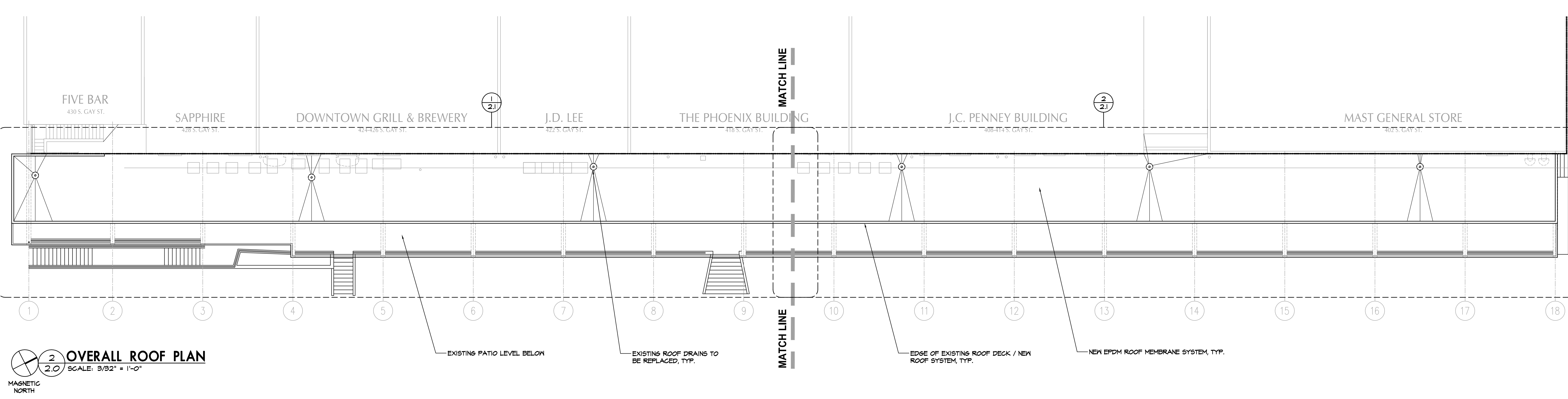
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**1** **ROOF DECK LEVEL DEMOLITION PLAN**  
SCALE: 3/32" = 1'-0"  
MAGNETIC NORTH

- | GENERAL DEMOLITION NOTES |   |
|--------------------------|---|
| 1.                       | REPRESENTATIONS OF EXISTING SITE AND BUILDING CONDITIONS ARE PROVIDED FOR THE CONTRACTOR'S REFERENCE ONLY, INTERPOLATED FROM DOCUMENTS PROVIDED BY THE OWNER. THE OWNER AND ARCHITECT ASSUME NO RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS OF SUCH DATA. SUCH REPRESENTATIONS ARE NOT INTENDED TO SUPPLANT THE CONTRACTOR'S FIRST HAND ON SITE OBSERVATIONS. INTEGRATION OF NEW WORK WITH EXISTING WORK IS SUBJECT TO MINOR ADJUSTMENT IN THE FIELD; NOTIFY THE ARCHITECT IN THE EVENT THAT THE EXISTING CONDITIONS VARY SIGNIFICANTLY FROM THOSE INDICATED ON THE DRAWINGS PRIOR TO EXECUTING AFFECTED WORK. |
| 2.                       | THE DRAWINGS DO NOT PURPORT TO INDICATE ALL MATERIALS TO BE REMOVED, RELOCATED OR REPAIRED. THE CONTRACTOR SHALL NOT RECEIVE EXTRA PAYMENT FOR DEMOLITION/PATCHING REQUIREMENTS WHICH CAN BE REASONABLY INFERRED FROM EXAMINATION OF SITE CONDITIONS AND THE CONTRACT DOCUMENTS. VERIFY WITH OWNER/ARCHITECT WHICH ITEMS INDICATED TO BE REMOVED ARE TO BE REUSED IN THE PROJECT OR TURNED OVER TO THE OWNER. ITEMS NOT SO DESIGNATED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF-SITE.  |
| 3.                       | DASHED LINES REPRESENT ITEMS TO BE REMOVED OR DEMOLISHED.   |
| 4.                       | DIMENSIONS INDICATED AS +/- ARE SUBJECT TO MINOR ADJUSTMENT IN THE FIELD; OTHER DIMENSIONS ARE FIXED UNLESS DIRECTED OTHERWISE. NOTIFY THE ARCHITECT IN THE EVENT THAT ACTUAL DIMENSIONS VARY MORE THAN 2" FROM MARKED ON THE DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF FIELD DIMENSIONS, PARTICULARLY WHERE NEW WORK IS TO BE FITTED WITHIN EXISTING FIELD OPENINGS.  |
| 5.                       | IN THE EVENT THAT A CONDITION ON THE DRAWINGS IS DISCOVERED TO BE IN CONFLICT WITH THOSE IN THE SPECIFICATIONS, CONSULT THE ARCHITECT FOR RESOLUTION PRIOR TO EXECUTING AFFECTED WORK.  |
| 6.                       | IN THE EVENT OF A CONFLICT BETWEEN CONDITIONS REPRESENTED ON SMALL-SCALE AND LARGE-SCALE DRAWINGS, THE LARGE SCALE DRAWINGS SHALL GOVERN.   |
| 7.                       | DO NOT SCALE THE DRAWINGS. DIMENSIONS TAKE PRECEDENCE.  |
| 8.                       | ANY EXISTING STRUCTURE, WALLS, CEILINGS, ETC. TO REMAIN WHERE STRUCTURAL STABILITY MAY BE LESSENED BY REMOVAL AS NOTED ON THIS PLAN, WILL BE BRACED AND LEFT IN A STABLE CONDITION UNTIL NEW CONSTRUCTION COMMENCES.  |
| 9.                       | ALL EXISTING UTILITIES LINES NOT IN USE ARE TO BE GAPPED. ALL UTILITIES TO BE GAPPED IN AREAS AFFECTED AS REQUIRED AND REROUTED AT OWNER'S DIRECTION DEPENDING ON FINAL LAYOUT.   |
| 10.                      | PATCH AND REPAIR ANY NEW OPENINGS 4" OR SURFACES EXPOSED DUE TO DEMOLITION TO MATCH ADJACENT EXISTING ROOF SYSTEM FINISH OR BE COMPATIBLE THEREWITH.  |
| 11.                      | PROVIDE POSITIVE DRAINAGE TO EXISTING ROOF DRAINS FOR ALL AREAS OF DEMOLITION WORK. AVOID LOCATIONS WHERE PONDING MAY OCCUR.  |
| 12.                      | PROVIDE TEMPORARY BARRICADES AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT THE GENERAL PUBLIC FROM INJURY DUE TO DEMOLITION WORK AND ACCESS TO AREAS OF DEMOLITION WORK. ALL DEMOLITION WORK TO BE COORDINATED WITH BUILDING TENANTS PRIOR TO COMMENCEMENT OF WORK.  |
| 13.                      | PROVIDE PROTECTIVE MEASURES AS REQUIRED TO PROVIDE FREE AND SAFE PASSAGE OF PERSONNEL AND GENERAL PUBLIC TO AND FROM OCCUPIED PORTIONS OF BUILDING. ERECT TEMPORARY COVERED PASSAGEWAYS AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.   |
| 14.                      | CONTRACTOR TO PREVENT DAMAGE TO EXISTING SIDEWALK AND PARKING AREA DURING CONSTRUCTION OR INSTALLATION OF SERVICES.   |
| 15.                      | DO NOT INTERRUPT EXISTING UTILITIES USED FOR OCCUPIED FACILITIES UNLESS AUTHORIZED IN WRITING BY OWNER AND/OR AUTHORITIES HAVING JURISDICTION.  |
| 16.                      | IF INTERRUPTION OF EXISTING UTILITIES IS REQUIRED, LOCATE, IDENTIFY, SHUT OFF, CAP AND DISCONNECT UTILITIES AT PROPERTY LINE OR VALVE. PROVIDE BY-PASS CONNECTIONS AS REQUIRED TO MAINTAIN SERVICES TO ADJACENT PROPERTIES AND FACILITIES. PROVIDE A MINIMUM OF 72 HOURS ADVANCE NOTICE TO PROPERTY OWNERS IF SHUT-DOWN OF SERVICES IS REQUIRED DURING THE CHANGE-OVER.   |
| 17.                      | CONTRACTOR TO COORDINATE WITH OWNERS REPRESENTATIVE ON THE REMOVAL, REPLACEMENT AND/OR REUSE OF ANY EXISTING EQUIPMENT AND FIXTURES BEFORE DEMOLITION.  |
| 18.                      | CONTRACTOR TO COORDINATE WORK SCHEDULE WITH OWNER'S REPRESENTATIVE TO ACCOMMODATE LEVEL OF NOISE PRODUCED WITH BUILDING OCCUPANTS DURING DEMOLITION PHASE.  |



**2** **OVERALL ROOF PLAN**  
SCALE: 3/32" = 1'-0"  
MAGNETIC NORTH

A Roof Replacement at the Promenade Garage for:  
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401 State Street  
Knoxville, Tennessee 37902

ROOF LEVEL  
DEMOLITION PLAN  
& ROOF PLAN

REVISIONS:

DATE: 1/26/15  
FILE NAME:  
PROJECT NO: 143031

2.0

PLOT SCALE:



Johnson  
Architecture

2240 Sutherland Ave., Suite 105  
Knoxville, TN 37919  
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ENLARGED ROOF PLANS

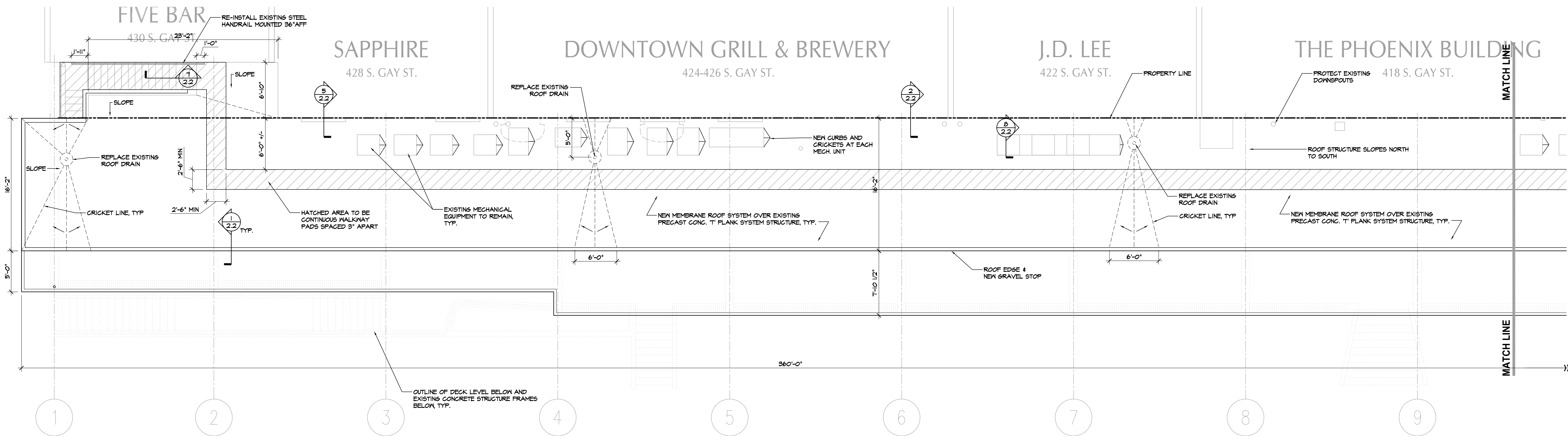
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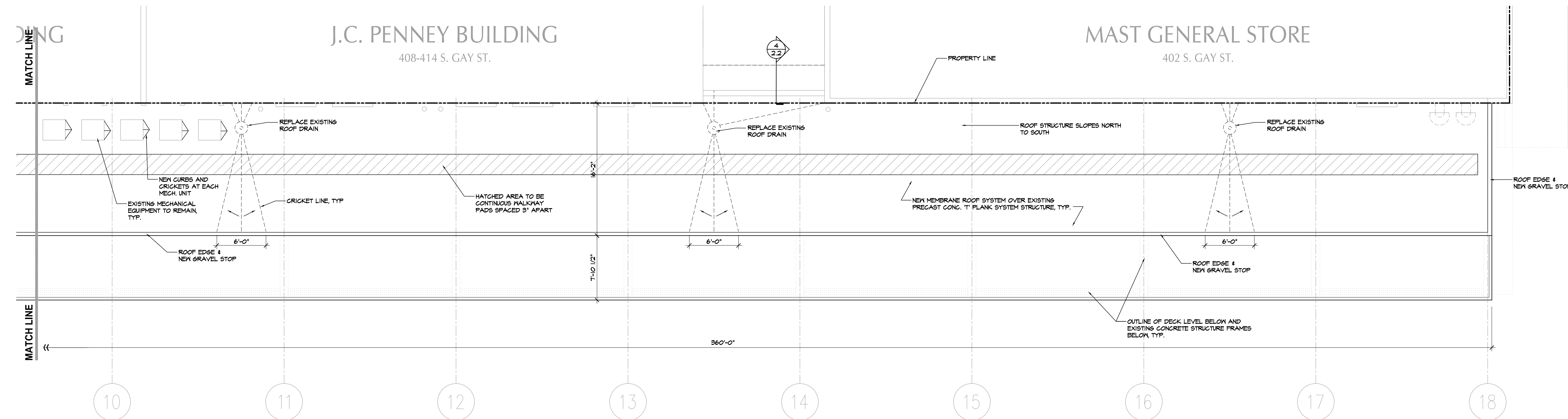
FILE NAME:

PROJECT NO: 143031

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**PARTIAL ROOF PLAN**  
SCALE: 3/16" = 1'-0"  
MAGNETIC NORTH

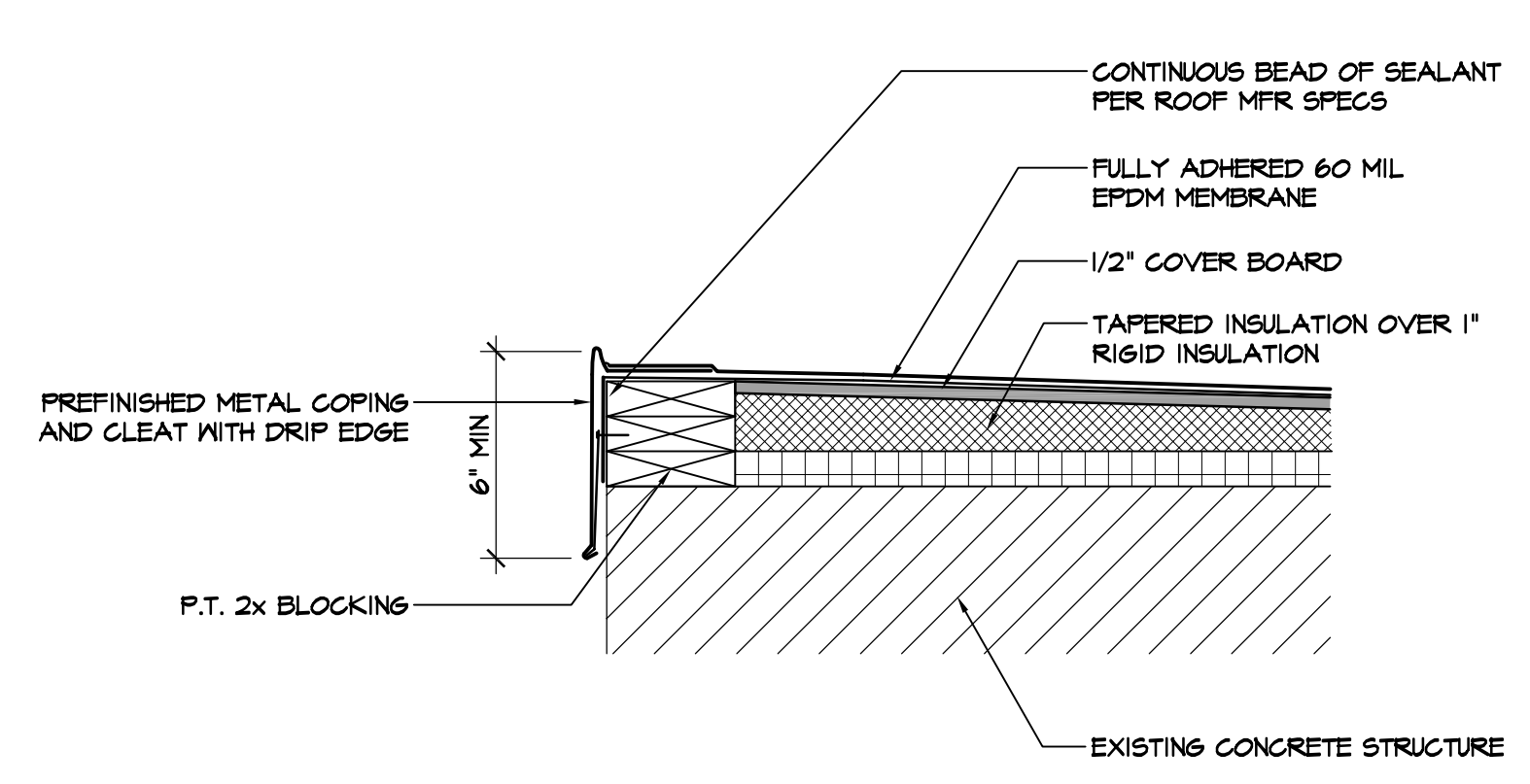


**PARTIAL ROOF PLAN**  
SCALE: 3/16" = 1'-0"  
MAGNETIC NORTH

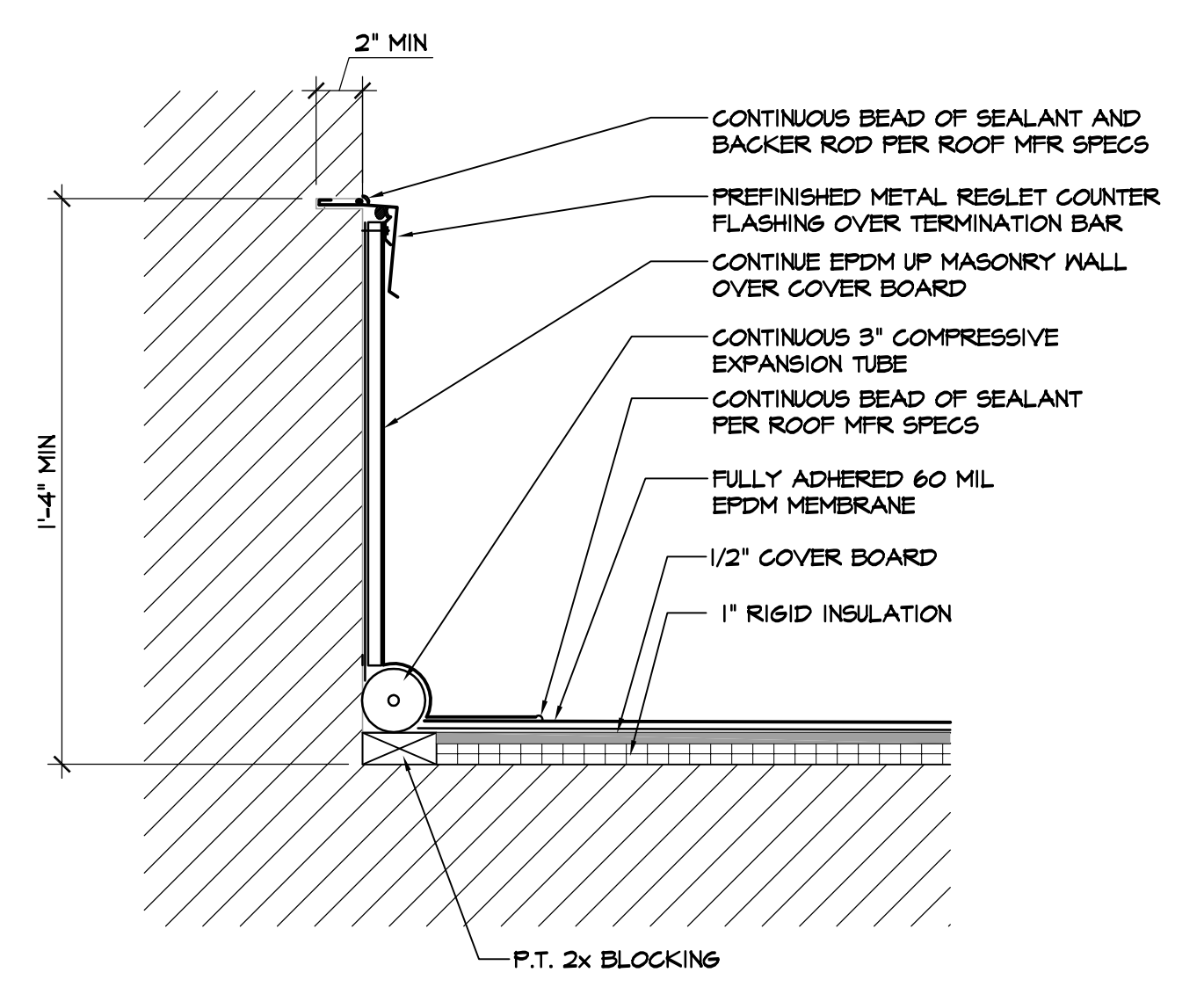
**ROOF NOTES:**

1. NEW ROOF SYSTEM TO BE EPDM MEMBRANE AS DETAILED. NEW ROOF IS NOT DESIGNED TO ADDRESS ANY EXISTING OR NEW KITCHEN HOOD EXHAUST DISCHARGE. ALL KITCHEN HOOD VENTS TO BE RELOCATED TO AVOID DISCHARGE ONTO NEW ROOF SYSTEM.
2. ALL EXISTING ROOF DRAIN LINES TO BE CLEANED AND FLOW TESTED.
3. SCOPE OF WORK FOR THIS PROJECT TO INCLUDE REPLACEMENT & REPAIR OF ROOF DRAINS RELATED TO PROMENADE ROOF ONLY. NO MODIFICATIONS TO BE MADE TO EXISTING TENANT ROOF DRAINAGE SYSTEM. ALSO, NO CALCULATIONS OR DESIGN RELATED TO EXISTING ROOF DRAINAGE SYSTEMS HAS BEEN INCLUDED IN THE SCOPE OF WORK OF THIS PROJECT. FUTURE MODIFICATIONS TO ROOF DRAINAGE SYSTEMS TO BE EXECUTED BY OTHERS AS DIRECTED BY PBA.

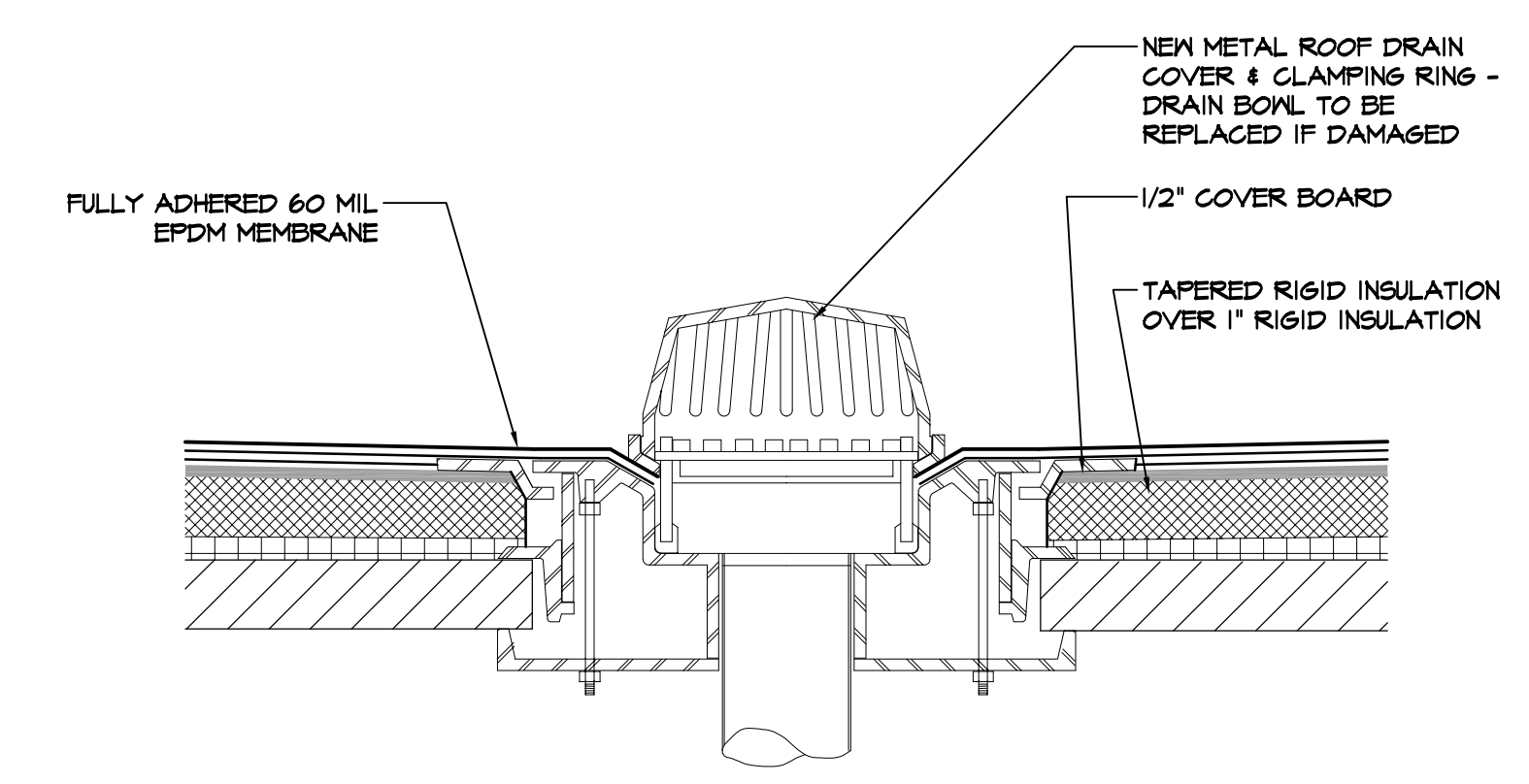
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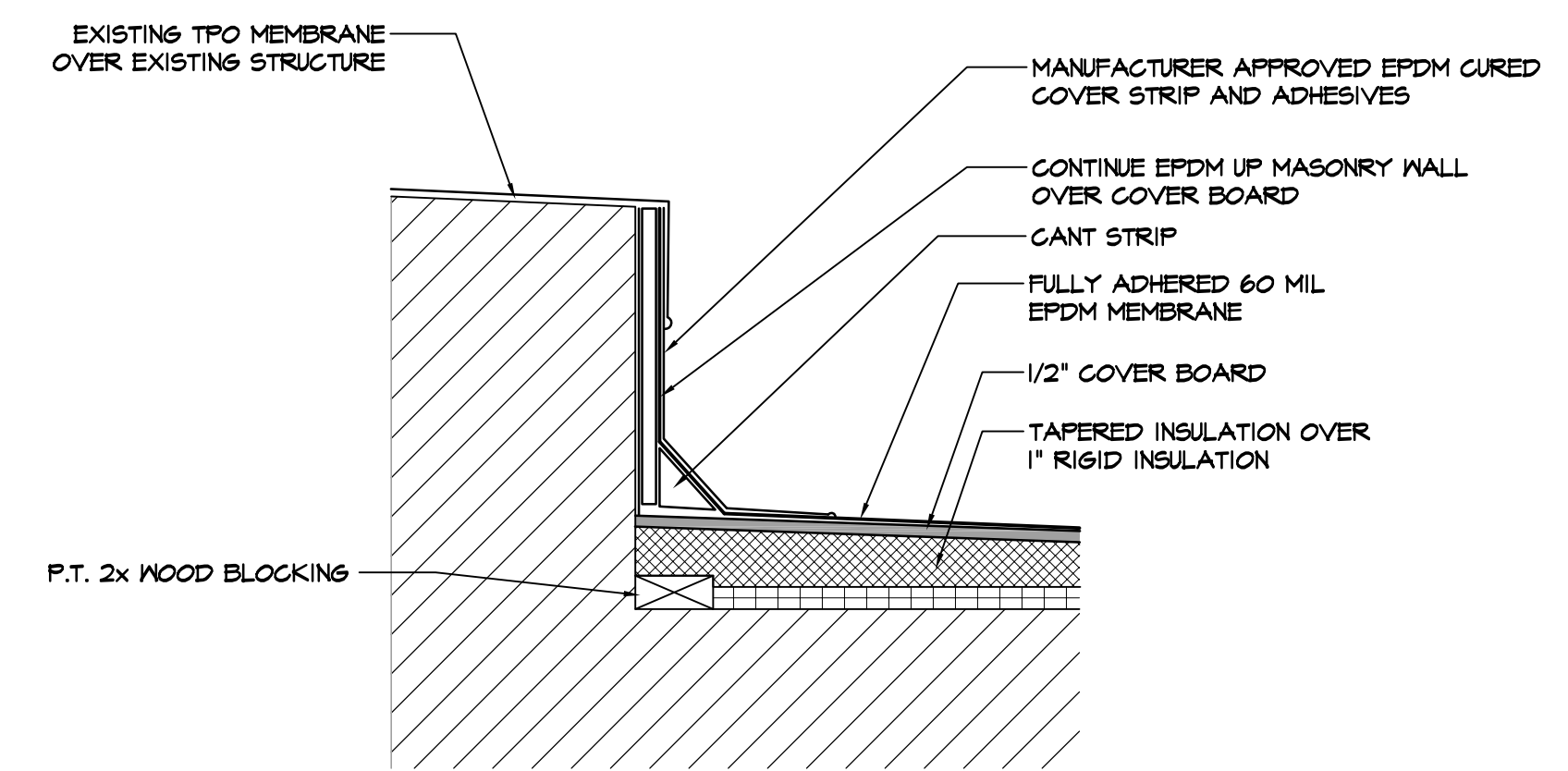
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**2.2** ROOF DETAIL - EDGE  
 SCALE: 1/2" = 1'-0"



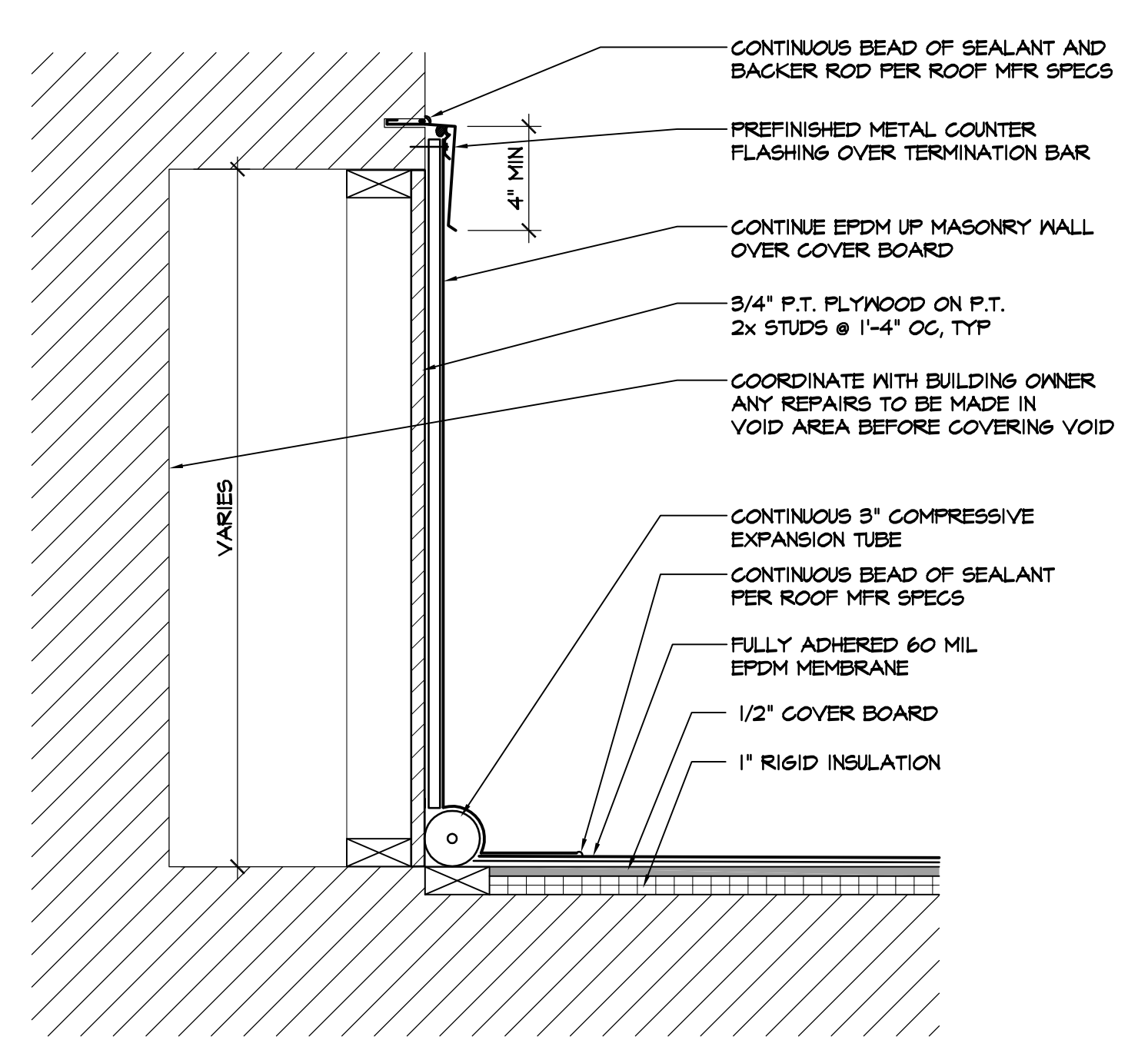
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**2.2** ROOF DETAIL - WALL  
 SCALE: 1/2" = 1'-0"



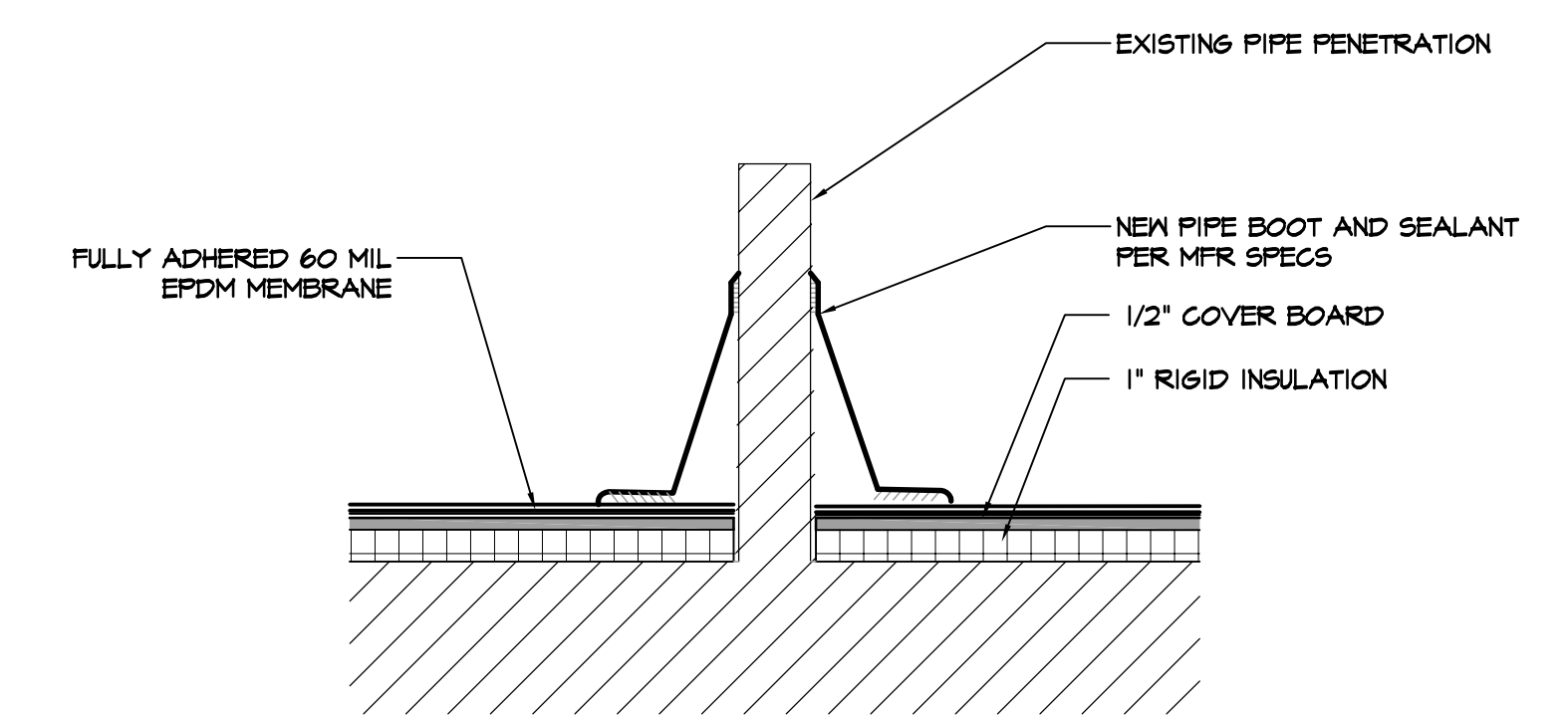
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**2.2** ROOF DETAIL - DRAIN  
 SCALE: 1/2" = 1'-0"



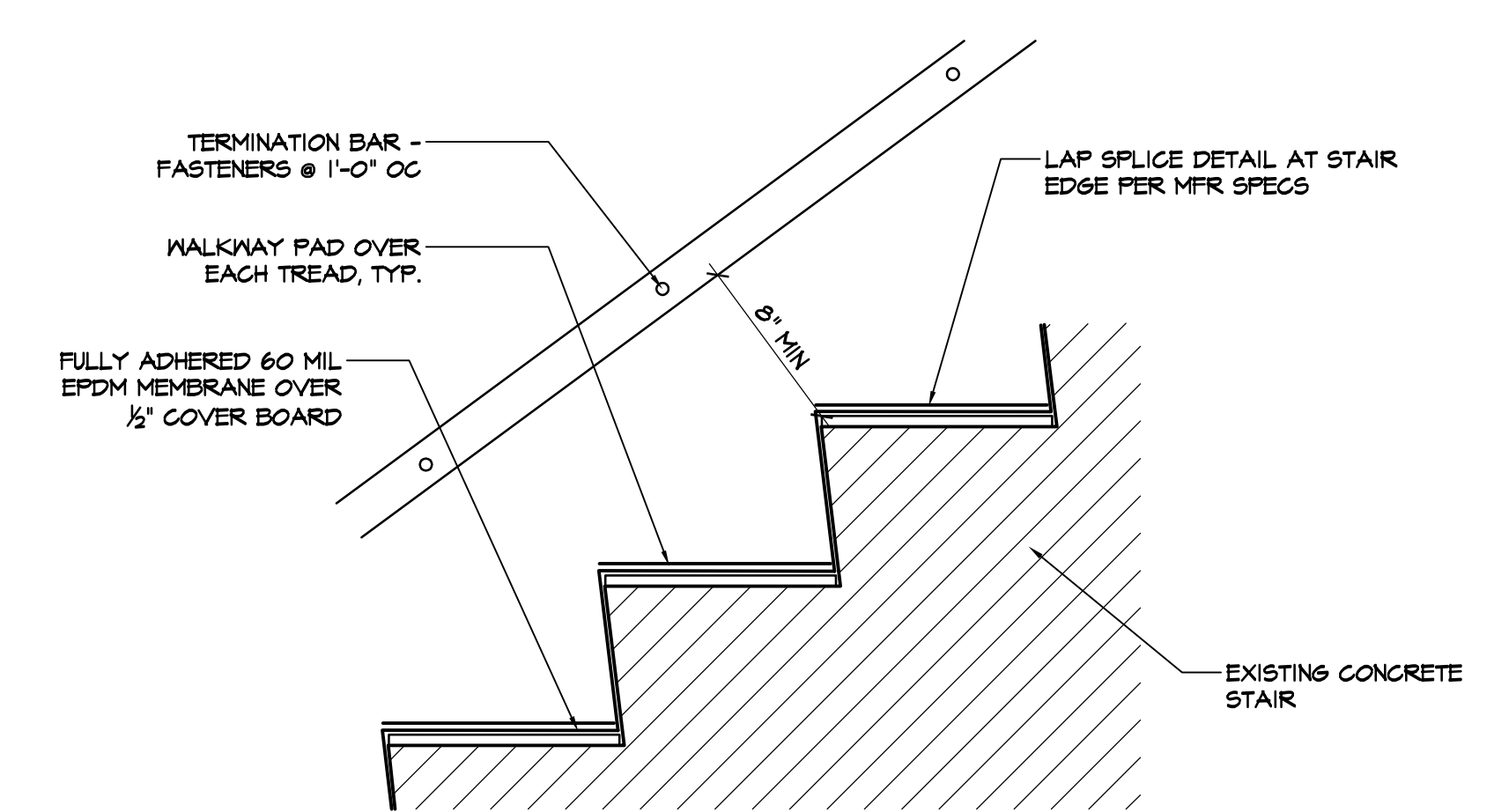
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**2.2** ROOF DETAIL - WALL  
 SCALE: 1/2" = 1'-0"



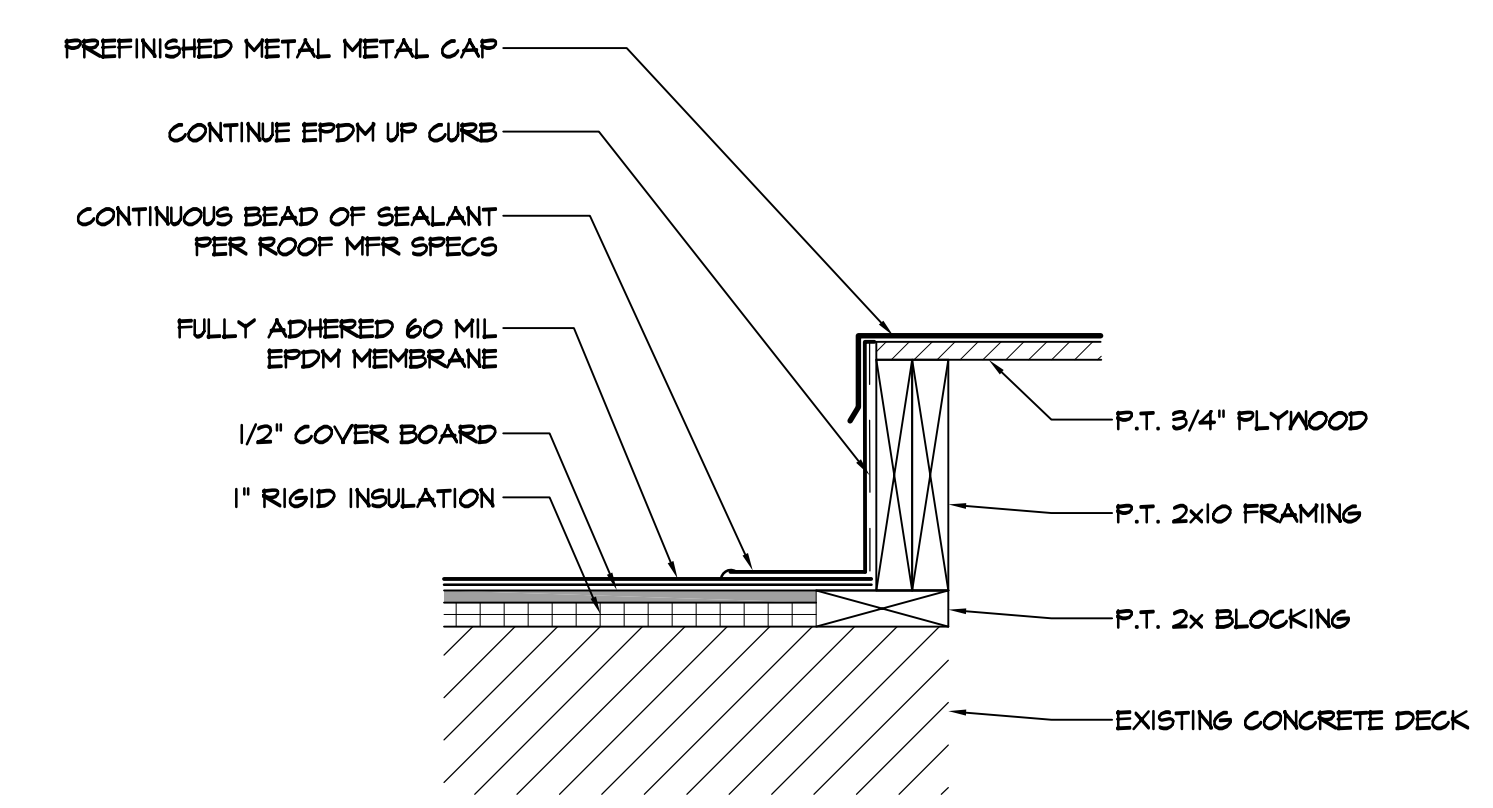
**5**  
**2.2** ROOF DETAIL - WALL VOID  
 SCALE: 1/2" = 1'-0"



**6**  
**2.2** ROOF DETAIL - VENT  
 SCALE: 1/2" = 1'-0"



**7**  
**2.2** ROOF DETAIL - STAIR  
 SCALE: 1/2" = 1'-0"



**8**  
**2.2** ROOF DETAIL - CURB  
 SCALE: 1/2" = 1'-0"

PLOT SCALE:

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ROOF DETAILS

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