BIRD BUILDING ROOF REPLACEMENT WESTERN CAROLINA UNIVERSITY 108 BIRD BUILDING LANE, CULLOWHEE, NC 28723 WCU PR#: 2022-017 SCO ID#: 22-25374-01A

DRAWING SHEET INDEX

G1.0 G1.1	 COVER SHEET BUILDING CODE SUMMARY & GENERAL ROOFING NOTES
R1.1 R1.2	 ROOF PLAN ROOF PLAN (SECUREMENT ZONES & WALKPAD LAYOUT)
R2.1 R2.2 R2.3 R2.4 R2.5	 ROOF SECTIONS & DETAILS
R3.1 R3.2	- TYPICAL ROOF DETAILS - TYPICAL ROOF DETAILS

	MBOL LEGEND
NO SCALE Dwg:# 220533-G1000.DWG	
COLUMN GRID DESIGNATION	
INDICATES DIRECTION OF VIEW	
SECTION NUMBER	
SHEET WHERE SECTION IS DRAWN	
INDICATES DIRECTION OF VIEW	
ELEVATION NUMBER	ELEVATION
SHEET WHERE ELEVATION IS DRAWN —	
DETAIL NUMBER	
SHEET WHERE DETAIL IS DRAWN/	
INDICATES AREA SHOWN IN DETAIL	

MATERIALS AND SYMBOLS LEGEND Dwg.# 220533-G1000.DWG							
	BRICK (SECTION)		PLYWOOD (SECTION)		ITEM TO BE DEMOLISHED		V
	BRICK (ELEVATION)		FIBERBOARD		INSULATION (RIGID)		V
	CONCRETE		EARTH/SOIL		STEEL		
	CMU (SECTION)		FILL GROUT/ MORTAR		STONE FILL		
	CMU (ELEVATION)		GYPSUM BOARD		TECTUM ROOF DECK		
	LIGHT WEIGHT CONCRETE INSULATION	2002	INSULATION (BATT)		WOOD (FINISH)		

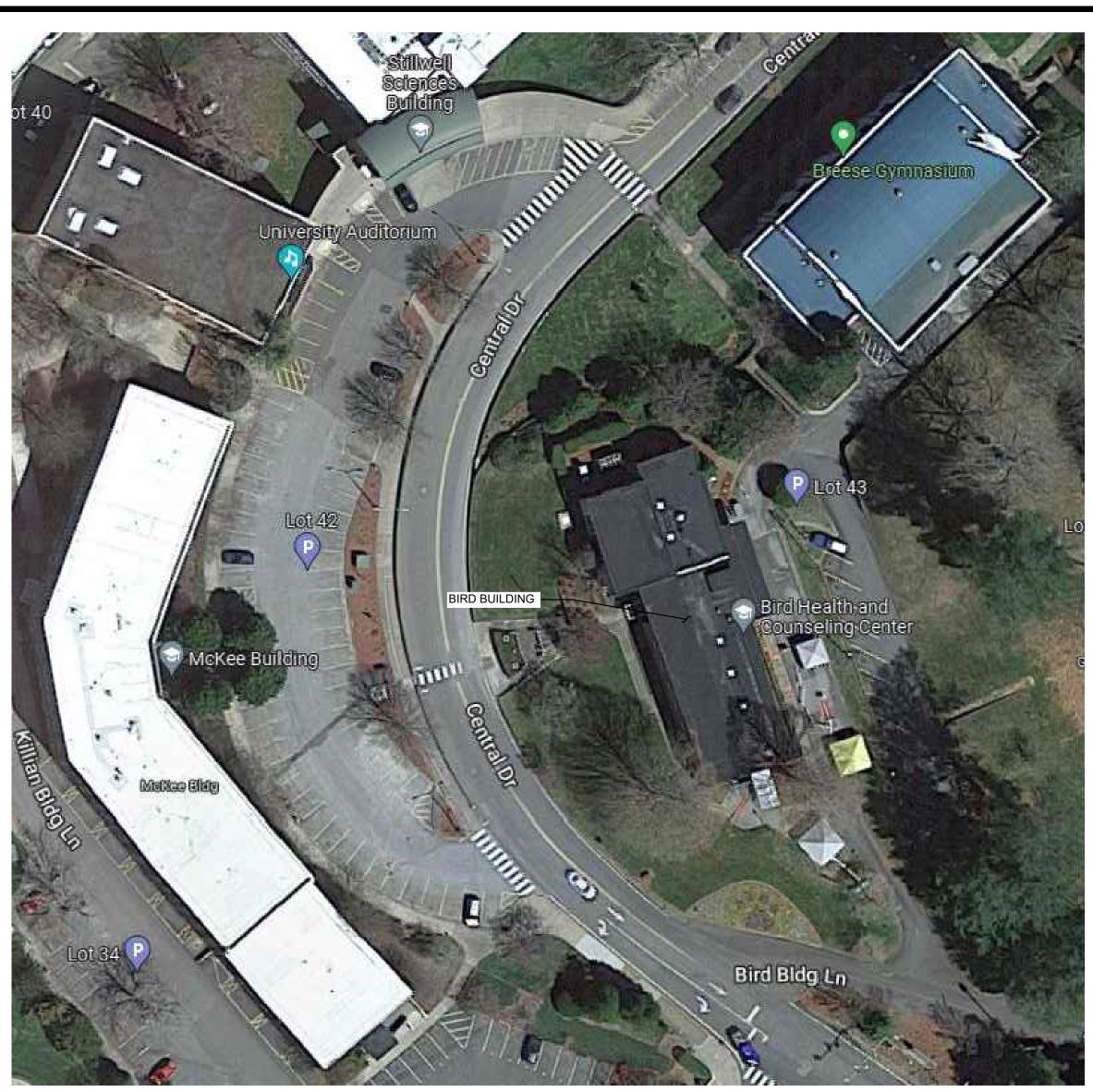


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VOOD (NEW CONTINUOUS) WOOD (EXISTING CONTINUOUS)



A.B. ACI	ANCHOR BOLT AMERICAN CONCRETE INSTITUTE
A.F.F. AISC	ABOVE FINISHED FLOOR AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AITC	AMERICAN INSTITUTE OF TIMBER CONSTRUCTION
ALT. ARCH. ASTM	ALTERNATE ARCHITECTURAL AMERICAN SOCIETY FOR TESTING AND MATERIALS
AVG. AWS	AVERAGE AMERICAN WELDING SOCIETY
BLDG. BM. B.P. BRG.	BUILDING BEAM BEARING PLATE;BASE PLATE BEARING
C.J. CMU CGS CL. CLG. CLR. COL. CONC. CONC. CONN. CONST. CONT. CRSI CTR.	CONSTRUCTION JOINT CONCRETE MASONRY UNIT CENTER OF GRAVITY OF STEEL CENTERLINE CEILING CLEAR COLUMN CONCRETE CONNECTION CONSTRUCTION CONSTRUCTION CONCRETE REINFORCING STEEL INSTITUTE CENTER
D.C.J. D.J. DBL. DET. DIA. DIAG. DIM. DL DN. DWG(S).	DOWELED CONTROL JOINT DOUBLE JOIST DOWN SPOUT DOUBLE DETAIL DIAMETER DIAGONAL DIMENSION DEAD LOAD DOWN DRAWING(S)
ELEV. ENGR. EPDM EQ. EXIST.	EACH FACE EACH SIDE EACH WAY EAST-WEST EACH ELEVATION; ELEVATOR ENGINEER ETHYLENE PROPYLENE DIENE MONOMER EQUAL EXISTING EXPANSION JOINT EXTERIOR
-	FLOOR DRAIN FAR FACE FOUNDATION FINISH FLOOR FLANGE FACE OF BRICK

ABBREVIATIONS Dwg.# 220533-G1000.DWG

O.F

OPF

O.H.

P/S

P.C

PCI

R.D

REF

REM.

S.J.

S.S.

S.W.

SECT. SHT.

SIM

SLBB

SLO

S.O.G.

STD.

STL.

SYM.

T.O.C

T.O.F.

T.O.S.

T.O.W.

THRU

T&B

TYF

U.L.

U.N.O.

W/O

W.P.

W.W.F.

SPEC(S

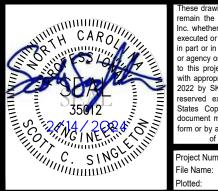
STRUCT

SCHED.

ORIG.

FT.	FOOT; FEET
FTG.	FOOTING
G.B.	GRADE BEAM
GA.	GAGE; GAUGE
GALV.	GALVANIZED
	HOLLOW METAL HIGH STRENGTH HEXAGONAL HEAD HOLLOW STRUCTURAL SHAPE HEIGHT
I.D. I.F. IN. IBC INT.	INSIDE DIAMETER INSIDE FACE INCH;INCHES INTERNATIONAL BUILDING CODE INTERIOR;INTERSECTION
JST.	JOIST
JT.	JOINT
K	KIP (1,000 LBS.)
K/FT	KIPS PER FOOT
LLBB	LONG LEGS BACK TO BACK
LLH	LONG LEG HORIZONTAL
LLO	LONG LEG OUTSTANDING
LLV	LONG LEG VERTICAL
L.W.	LONG WAY
LB.	POUND
LG.	LONG
LIN.	LINEAR
LL	LIVE LOAD
LT. WT.	LIGHT WEIGHT
M.O.S.	MIDDLE OF SLAB
M.O.W.	MIDDLE OF WALL
MATL.	MATERIAL
MAX.	MAXIMUM
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MK	MARK
N/A N.F. N.I.C. N.T.S. N-S NCSBC NFPA NO. NOM.	NOT APPLICABLE NEAR FACE NOT IN CONTRACT NOT TO SCALE NORTH-SOUTH NORTH CAROLINA STATE BUILDING CODE NATIONAL FIRE PROTECTION ASSOCIATION NUMBER NOMINAL
O/C	ON CENTER
O.D.	OUTSIDE DIAMETER





OUTSIDE FACE OPENING OPPOSITE **OPPOSITE HAND** ORIGINAL PRESTRESSED POST-TENSIONING PRECAST CONCRETE PRESTRESSED CONCRETE INSTITUTE PENETRATION PERPENDICULAR PLATE POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED POST-TENSIONING INSTITUTE POLYVINYL CHLORIDE RADIUS ROOF DRAIN REFERENCE REINFORCE(D); REINFORCING REMAINING; REMAINDER REQUIRED SATURATED SURFACE DRY SAWED JOINT STAINLESS STEEL SHORT WAY SCHEDULE SECTION SHEET SIMILAR STEEL JOIST INSTITUTE SHORT LEGS BACK TO BACK SHORT LEG OUTSTANDING SLAB ON GRADE SPECIFICATION(S) SQUARE STANDARD STEEL STRUCTURAL SYMMETRICAL TOP OF CONCRETE TOP OF FOOTING TOP OF SLAB; TOP OF STEEL TOP OF WALL TOP AND BOTTOM EMPORARY THROUGH TYPICAL UNDERWRITERS LABORATORIES UNLESS NOTED OTHERWISE WITHOUT WITH WORKING POINT

WELDED WIRE FABRIC

Issued For:

CONSTRUCTION DOCUMENTS:

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Date: 02-14-2024



2012 APPENDIX B - BUILDING CODE SUMMARY FOR ALL COMMERCIAL ROOFING PROJECTS (except 1 and 2-family dwellings and townhouses)

(Reproduce the following data on the building plans sheet 1 or 2)

NAME OF PROJECT: BIRD BUILDING ROOF REPLACEMENT - WESTERN CAROLINA UNIVERSITY				STRUCTURAL DESIGN			
Address: 108 BIRD BUILDING LANE				DESIGN LOADS:	DESIGN LOADS: Wind Uplift Resistance (This section can be		
CULLOWHEE, NC		Zıp	Code 28723	wind Uplift Resistance	(This section can be		
Proposed Use: CLASSROOMS Owner/ Authorized Agent: DANIE Email: DFISKEAUX@EMAIL.W		Pho	ne # <u>828.227.3020</u>	Wind load:	Basic wind sp Exposure cate Risk category		
Owned By: Code Enforcement Jurisdiction: LEAD DESIGN PROFESSION Design Firm: SKA CONSULTIN	NG ENGINEERS, INC.	Private County	⊠ State	Ultimate Design Pressur	re (psf): Field Perimeter Perimeter Wi Corner Corner Dimer		
Designer Name: <u>SCOTT SINGL</u> License # <u>035012</u> Email: <u>SCSINGLETON@SKAE</u>	Telephone #			Dead loads:	Existing Room Replacement Net Load Cha		
2012 EDITION OF NC CODE F	OR: New Construct	ion Recover	Repair	Snow load:	<u>15</u> psf		
Constructed: (date) ORIGINAL DRAWINGS DATED (5-20-1958) Repair: (date)				ENERGY SUMMARY: ENERGY REQUIREMENTS: The following data shall be considered minin Carolina Energy Conservation Code shall required portions of the project information f			
Standpipes:	Class I I II (primary)	III-B FPA 13 NFPA		—			
ALLOWABLE AREA: OCCUPANCY: Assembly Business Educational Factory Hazardous H-1 Detonate H-2 Deflagrate H-3 Combust H-4 Health H-5 HPM Institutional Mercantile Residential R-1 R-2 R-3 R-4				Roofing /Ceiling Asseml Description of Asser U-Value of Total As R-Value of insulatio Skylights in Each As U-Value of S Total Square Footag	mbly THERMO POLYISO ssembly 0.035 on 29 MIN. ssembly N/A Skylight N/A ge of Skylights in Eac		
Storage S-1, S-2 Utility & Miscellaneous		r Garage		ROOF DRAINAGE SYSTEM Modification to Existing Second Roof Area between column In Roof Area: 6,947 sf	ondary System:		
BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	DETAIL # AND SHEET #	DESIGN # FOR RATED PENETRATION	Wall contribution area: 1,377 Rainfall Intensity: 7.0 Six (6) 6"x13" supppers require existing will be increased to 6	NO CF TO EX ired. The two (2)		

Roof Construction Including

supporting beams and joints.

ULP717 NO CHANGE TO EXISTING ASSEMBLY four (4) additional 6"x13" scuppers.

Basic wind speed

Exposure category

Risk category

Perimeter Width

Corner Dimension_

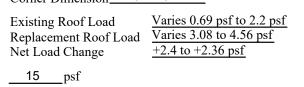
Existing Roof Load

Prescriptive (Energy Code)

Performance (Energy Code)

esistance (This section can be duplicated for each distinct roof area)

125 mph (ASCE-7-10)



data shall be considered minimum and any special attribute required to meet the North rgy Conservation Code shall also be provided. Each Designer shall furnish the ons of the project information for the plan data sheet. If performance methods, state the cost for the standard reference vs. annual energy cost for the proposed design.

JI ATION STARTING THICKNE

re Footage of Skylights in Each Assembly <u>N/A</u> E SYSTEM DESIGN CALCULATION/SIZING:

Roof Area between column lines C through E Roof Area: 683 s NO CHANGE Intensity: 7.0 intribution area: 477.5 sf

TO EXISTING ~ Add one (1) 6"x13" scupper

GENERAL ROOFING NOTES:

Dwg.# 220533-R1003.DWG

- 1. DIMENSIONS SHOWN ON PLAN ARE FOR ESTIMATING PURPOSES ONLY AND MAY NOT REFLECT ACTUAL ANY MATERIALS.
- 2. THIS PROJECT INVOLVES WORK WITH EXISTING CONSTRUCTION. REQUIREMENTS FOR NEW SHOWN FOR FRAMING, DECKING AND SUPPORTS IS FOR ILLUSTRATION ONLY AND MAY NOT REFLECT THOSE SHOWN.
- 3. THE CONTRACTOR SHALL FIELD VERIFY QUANTITIES OF ROOF PENETRATIONS CURRENTLY ON THE ROOF. AND REFER TO DETAILS WHICH APPLY. SEE ROOF PLAN ON SHEET R1.1.
- 4. THE CONTRACTOR SHALL PROTECT ALL EXISTING LANDSCAPE PLANTINGS ADJACENT TO THE BUILDING DURING CONSTRUCTION.
- (WORK EVENT) BASIS AND AT COMPLETION OF CONSTRUCTION. 6. <u>DEMOLITION:</u>
- REMOVE AND DISPOSE OF THE EXISTING MECHANICALLY ATTACHED EPDM ROOF MEMBRANE AND METAL ROOF DECK. DEMOLITION SHALL INCLUDE METAL FLASHINGS, EXPANSION JOINT COPINGS, DOWNSPOUTS, ETC.. NOTE: REMOVE AND REPLACE DETERIORATED AND/OR DAMAGED GYPSUM LIGHTWEIGHT AT LOCATIONS IDENTIFIED IN THE FIELD BY THE CONTRACTOR AND THE OWNER'S REPRESENTATIVE. SEE TYPICAL ROOF DECK REPLACEMENT DETAIL 4/R2.4. SEE SPECIFICATIONS FOR UNIT COSTS.
- AT WEST ENTRANCE CANOPY, REMOVE AND DISPOSE OF THE EXISTING SINGLE-PLY ROOF MEMBRANE, WOOD FIBERBOARD INSULATION AND AGGREGATED B.U.R. SYSTEM EXPOSING THE EXISTING WOOD ROOF DECK. DEMOLITION SHALL INCLUDE PERIMETER METAL COPING CAP.

7. THE CONTRACTOR SHALL INSTALL NEW ROOF SYSTEMS AS FOLLOWS:

- TYPICAL ROOF SYSTEM CROSS SECTION A/R2.1 (GYPSUM LIGHTWEIGHT CONCRETE ROOF DECK: ADHERE TO EXISTING GYPSUM LIGHTWEIGHT CONCRETE ROOF DECK IN ACCORDANCE WITH THE PROJECT DOCUMENTS AND SPECIFICATIONS.
- FURNISH AND INSTALL NEW CONT. TAPERED POLYISOCYANURATE THERMAL ROOF INSULATION (SLOPING SPECIFICATIONS. INSTALL WITH STAGGERED JOINTS.
- NEW CONT. 1/2" INSULATION PROTECTION LAYER. ADHERE TO NEW THERMAL ROOF INSULATION IN
- MEMBRANE. FULLY ADHERE TO NEW INSULATION PROTECTION LAYER IN ACCORDANCE WITH THE PROJECT DOCUMENTS AND SPECIFICATIONS. PROVIDE AND INSTALL CAULKING AND SEALING FOR ROOFING WORK AS SPECIFIED HEREIN AND AS
- REQUIRED TO PREVENT MOISTURE INTRUSION.
- TYPICAL ROOF SYSTEM CROSS SECTION B/R2.1 (METAL ROOF DECK): FURNISH AND INSTALL A NEW CONT. 5/8" GYPSUM THERMAL BARRIER. MECHANICALLY ATTACH TO METAL ROOF DECK TO MEET FM 1-90 WIND SECUREMENT REQUIREMENTS AND IN ACCORDANCE WITH THE PROJECT DOCUMENTS AND SPECIFICATIONS.
- ADHERE TO NEW THERMAL BARRIER IN ACCORDANCE WITH THE PROJECT DOCUMENTS AND SPECIFICATIONS.
- FURNISH AND INSTALL NEW CONT. 1/2"± THICK FILL LAYER OF POLYISOCYANURATE THERMAL ROOF VALLEY LINE. COLD ADHERE TO VAPOR RETARDER / TEMPORARY ROOF IN ACCORDANCE WITH THE PROJECT DOCUMENTS AND SPECIFICATIONS. INSTALL WITH STAGGERED JOINTS.
- FURNISH AND INSTALL NEW CONT. TAPERED POLYISOCYANURATE THERMAL ROOF INSULATION (SLOPING WITH STAGGERED JOINTS.
- NEW CONT. 1/2" INSULATION PROTECTION LAYER. COLD ADHERE TO NEW THERMAL ROOF INSULATION IN
- FURNISH AND INSTALL A NEW CONT. FLEECE/FELT BACKED THERMOPLASTIC SINGLE-PLY ROOF MEMBRANE. FULLY ADHERE TO NEW INSULATION PROTECTION LAYER IN ACCORDANCE WITH THE PROJECT DOCUMENTS AND SPECIFICATIONS.
- PROVIDE AND INSTALL CAULKING AND SEALING FOR ROOFING WORK AS SPECIFIED HEREIN AND AS REQUIRED TO PREVENT MOISTURE INTRUSION.

TYPICAL ROOF SYSTEM CROSS SECTION A/R2.4 (WEST CANOPY ROOF): FURNISH AND INSTALL NEW CONT. TAPERED POLYISOCYANURATE THERMAL ROOF INSULATION (1/2" START

- AND SPECIFICATIONS. NEW CONT. 1/4" INSULATION PROTECTION LAYER. COLD ADHERE TO NEW THERMAL ROOF INSULATION IN
- FURNISH AND INSTALL A NEW CONT. FLEECE/FELT BACKED THERMOPLASTIC SINGLE-PLY ROOF
- MEMBRANE. FULLY ADHERE TO NEW INSULATION PROTECTION LAYER IN ACCORDANCE WITH THE PROJECT DOCUMENTS AND SPECIFICATIONS.
- REQUIRED TO PREVENT MOISTURE INTRUSION.
- 8. THE CONTRACTOR SHALL VERIFY SECUREMENT OF EXISTING WOOD BLOCKING AND PLYWOOD SHEATHING ENCOUNTERED DURING CONSTRUCTION AND FURNISH MATERIALS AND LABOR TO REPLACE DAMAGED/DETERIORATED WOOD BLOCKING AND PLYWOOD SHEATHING IN ACCORDANCE WITH THE PROJECT DOCUMENTS. SEE SPECIFICATIONS FOR UNIT COSTS AND ALLOWANCES.
- 9. MECHANICAL UNITS AND OTHER ROOF PROJECTIONS SHALL BE RAISED/EXTENDED AS SHOWN ON THE DRAWINGS AND AS REQUIRED TO OBTAIN 8" MIN. FLASHING TERMINATIONS. THE CONTRACTOR SHALL ORDERING MATERIALS. POWERED UNITS SHALL BE DISCONNECTED/RE-CONNECTED BY A LICENSED ELECTRICIAN. NOTE: IF MODIFYING ELECTRICAL CONNECTIONS WHEN RAISING MECHANICAL EQUIPMENT, OBTAIN APPROVED ELECTRICAL INSPECTION FROM LOCAL AUTHORITY HAVING JURISDICTION BEFORE RE-ENERGIZING MECHANICAL EQUIPMENT.
- 10. THE CONTRACTOR SHALL PROVIDE CRICKET INSULATION AT LOCATIONS SHOWN ON THE ROOF PLANS. SEE SHEET R3.1 FOR TYPICAL CRICKET INSULATION LAYOUTS.
- 11. THE CONTRACTOR SHALL PROVIDE CRICKET INSULATION ON THE UPSLOPE SIDE OF CURBED PENETRATIONS 30" OR WIDER AS SHOWN ON THE ROOF PLANS. SEE NOTE #10 FOR ADDITIONAL CRICKET
- INSULATION INFORMATION. 12. INSTALL PREMANUFACTURED PERIMETER FASCIA SYSTEM, PREFINISHED ALUMINUM COUNTERFLASHINGS, DOWNSPOUTS, AND OTHER SHEET METAL COMPONENTS IN ACCORDANCE WITH THE PROJECT
- DOCUMENTS. SEE APPLICABLE SECTIONS AND DETAILS. 13. THE CONTRACTOR SHALL INCLUDE SUCH TIME AND MATERIALS IN HIS BID AS REQUIRED TO MAKE MEMBRANE AND OTHER APPROVED ACCESSORIES. SURFACE SEALANTS ARE NOT ACCEPTABLE AS THE PRIMARY CLOSURE COMPONENTS.
- 14. INSTALL NEW EIFS CLADDING OVER EXISTING PRECAST WALL PANEL ON THE EAST ELEVATION / SIDE OF THE UPPER ROOF AREA. SEE SECTION 3/R2.1 AND OTHER APPLICABLE SECTIONS AND DETAILS FOR ADDITIONAL INFORMATION.
- 15. THE CONTRACTOR SHALL PROVIDE A SEPARATION SHEET, COATING, OR OTHER APPROVED MEANS TO PREVENT CONTACT BETWEEN ALL DISSIMILAR METALS.

CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO BID AND BEFORE ORDERING

CONSTRUCTION ARE BASED IN MANY INSTANCES, ON MATERIALS AND CONSTRUCTION FOUND DURING FIELD INVESTIGATION AND/OR TAKEN FROM THE ORIGINAL CONSTRUCTION DOCUMENTS. INFORMATION ACTUAL CONDITIONS. ADJUSTMENTS IN THE WORK MAY BE NECESSARY TO COMPENSATE FOR VARIATIONS IN ACTUAL FIELD CONDITIONS. CONTRACTOR SHALL NOTIFY THE ENGINEER IF CONDITIONS VARY FROM

SEE ROOF PLAN LEGEND FOR SYMBOLS IDENTIFYING VARIOUS TYPES OF PENETRATIONS ON THE ROOF,

5. THE CONTRACTOR SHALL CONDUCT THOROUGH CLEAN UP OF ROOF AREAS AND GROUNDS ON DAILY

THERMAL ROOF INSULATION EXPOSING THE EXISTING GYPSUM LIGHTWEIGHT CONCRETE ROOF DECK AND

FURNISH AND INSTALL A NEW CONT. SBS MODIFIED BITUMEN VAPOR RETARDER / TEMPORARY ROOF. COLD

1/4" PER FOOT - SEE ROOF PLAN FOR START THICKNESS AT VALLEY LINES). ADHERE TO VAPOR RETARDER / TEMPORARY ROOF AND FROM LAYER TO LAYER IN ACCORDANCE WITH THE PROJECT DOCUMENTS AND

ACCORDANCE WITH THE PROJECT DOCUMENTS AND SPECIFICATIONS. INSTALL WITH STAGGERED JOINTS. FURNISH AND INSTALL A NEW CONT. FLEECE/FELT BACKED THERMOPLASTIC SINGLE-PLY ROOF

FURNISH AND INSTALL A NEW CONT. SBS MODIFIED BITUMEN VAPOR RETARDER / TEMPORARY ROOF. COLD

INSULATION TO FLUSH OUT WITH TOP OF EXISTING ADJACENT LIGHTWEIGHT CONCRETE ROOF DECK AT

1/4" PER FOOT - SEE ROOF PLAN FOR START THICKNESS AT VALLEY LINES). ADHERE TO FILL LAYER AND FROM LAYER TO LAYER IN ACCORDANCE WITH THE PROJECT DOCUMENTS AND SPECIFICATIONS. INSTALL

ACCORDANCE WITH THE PROJECT DOCUMENTS AND SPECIFICATIONS. INSTALL WITH STAGGERED JOINTS.

THICKNESS AT SOUTH PERIMETER - SLOPING 1/8" PER FOOT). MECHANICALLY ATTACH TO WOOD DECK TO MEET FM 1-90 WIND SECUREMENT REQUIREMENTS AND IN ACCORDANCE WITH THE PROJECT DOCUMENTS

ACCORDANCE WITH THE PROJECT DOCUMENTS AND SPECIFICATIONS. INSTALL WITH STAGGERED JOINTS.

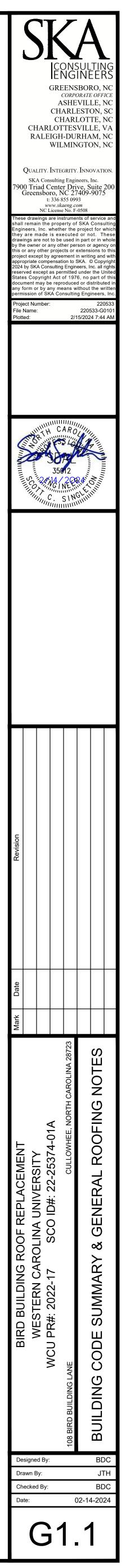
• PROVIDE AND INSTALL CAULKING AND SEALING FOR ROOFING WORK AS SPECIFIED HEREIN AND AS

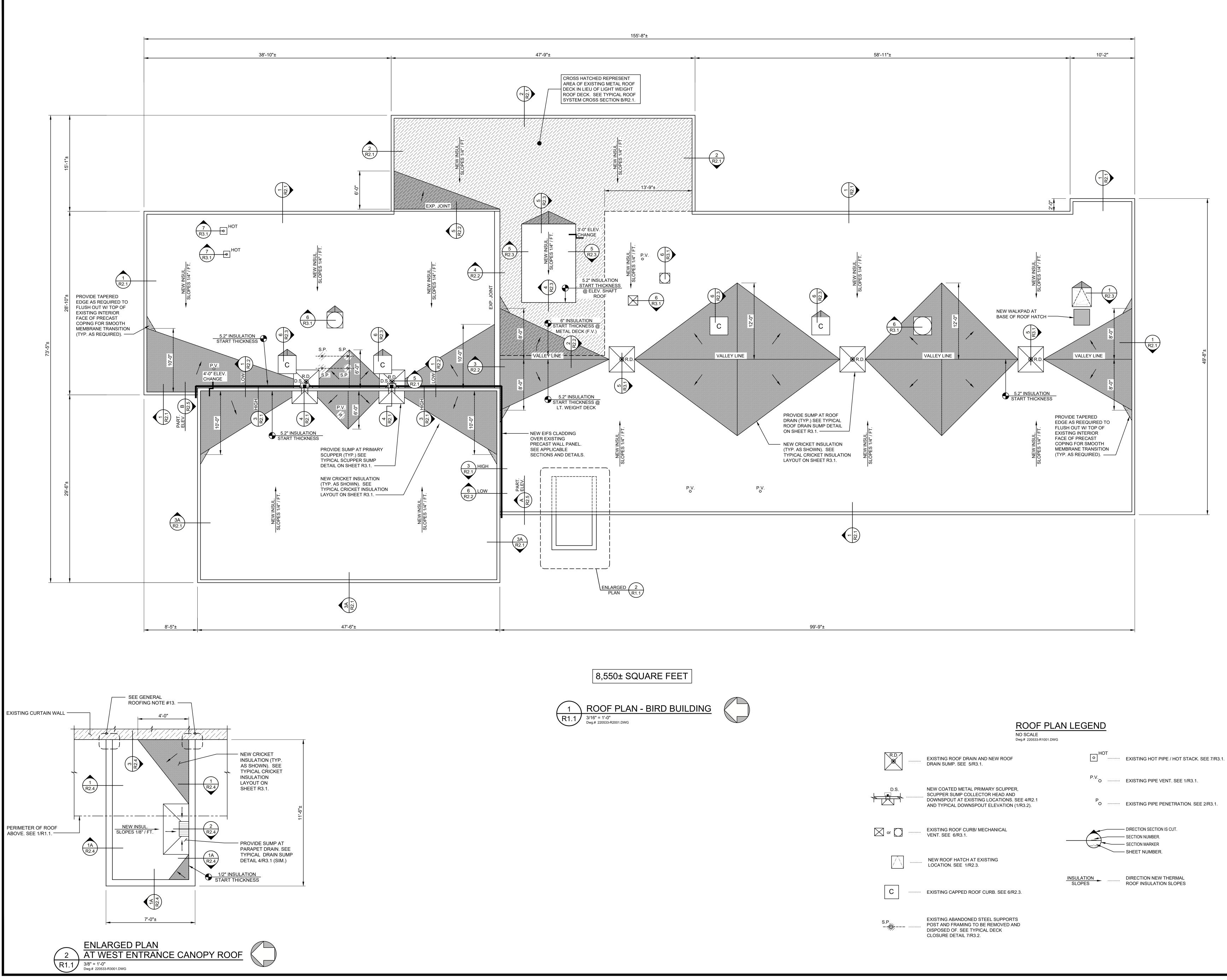
FIELD VERIFY QUANTITY, SIZE AND LOCATIONS OF ALL ROOF PENETRATIONS PRIOR TO BID AND BEFORE

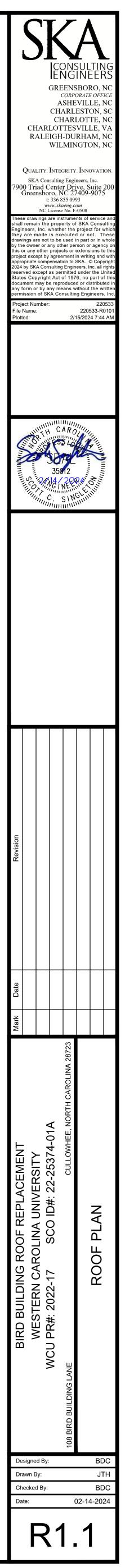
NOTE: CONTRACTOR MUST SUBMIT REQUEST TO THE OWNER FOR ANY EQUIPMENT SHUTDOWNS AT LEAST (5) BUSINESS DAYS IN ADVANCE. SHUTDOWN TIME WILL BE SCHEDULED AT THE SOLE DISCRETION OF THE OWNER WITH NO EXTRA COMPENSATION GIVEN FOR WEEKEND OR AFTER-HOURS SHUTDOWNS.

CRICKET INSULATION SHALL BE 0" THICK AT ITS LOWEST POINT AND TAPER AT A RATE OF 1/2" PER FOOT.

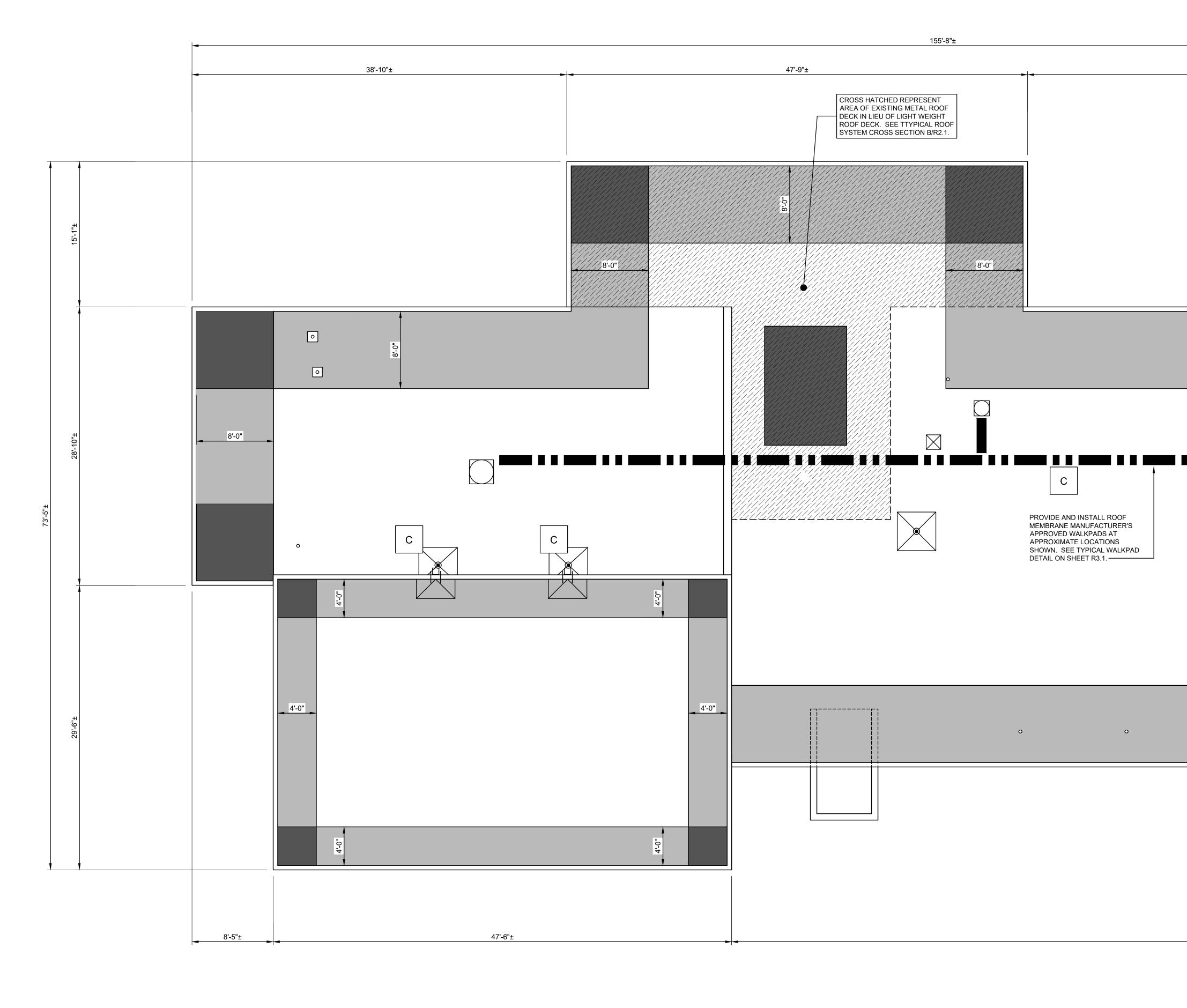
WATERTIGHT CLOSURES AND TRANSITIONS WHERE DIFFERENT ROOF DETAILS INTERSECT OR WHERE A ROOF DETAIL TERMINATES. THESE WATERTIGHT CLOSURES SHALL BE MADE IN COMPLETE COMPLIANCE WITH ENGINEER APPROVED AND CONTRACTOR SUBMITTED SHOP DRAWINGS. CLOSURES SHALL BE MADE WITH FLASHING MEMBRANE, COATED METAL, PREFINISHED METAL, PMMA REINFORCED LIQUID FLASHING







S Ż

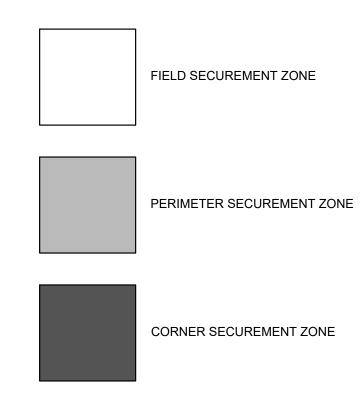


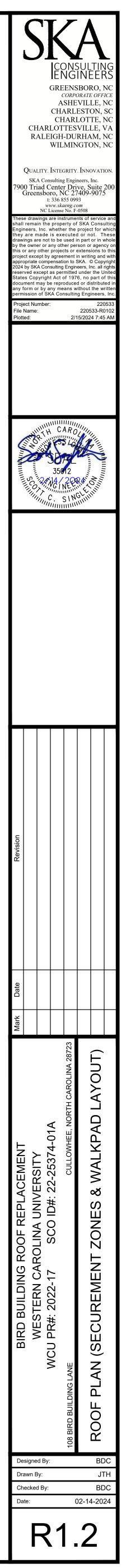
 1
 ROOF PLAN - BIRD BUILDING (SECUREMENT ZONES & WALKPAD LAYOUT)

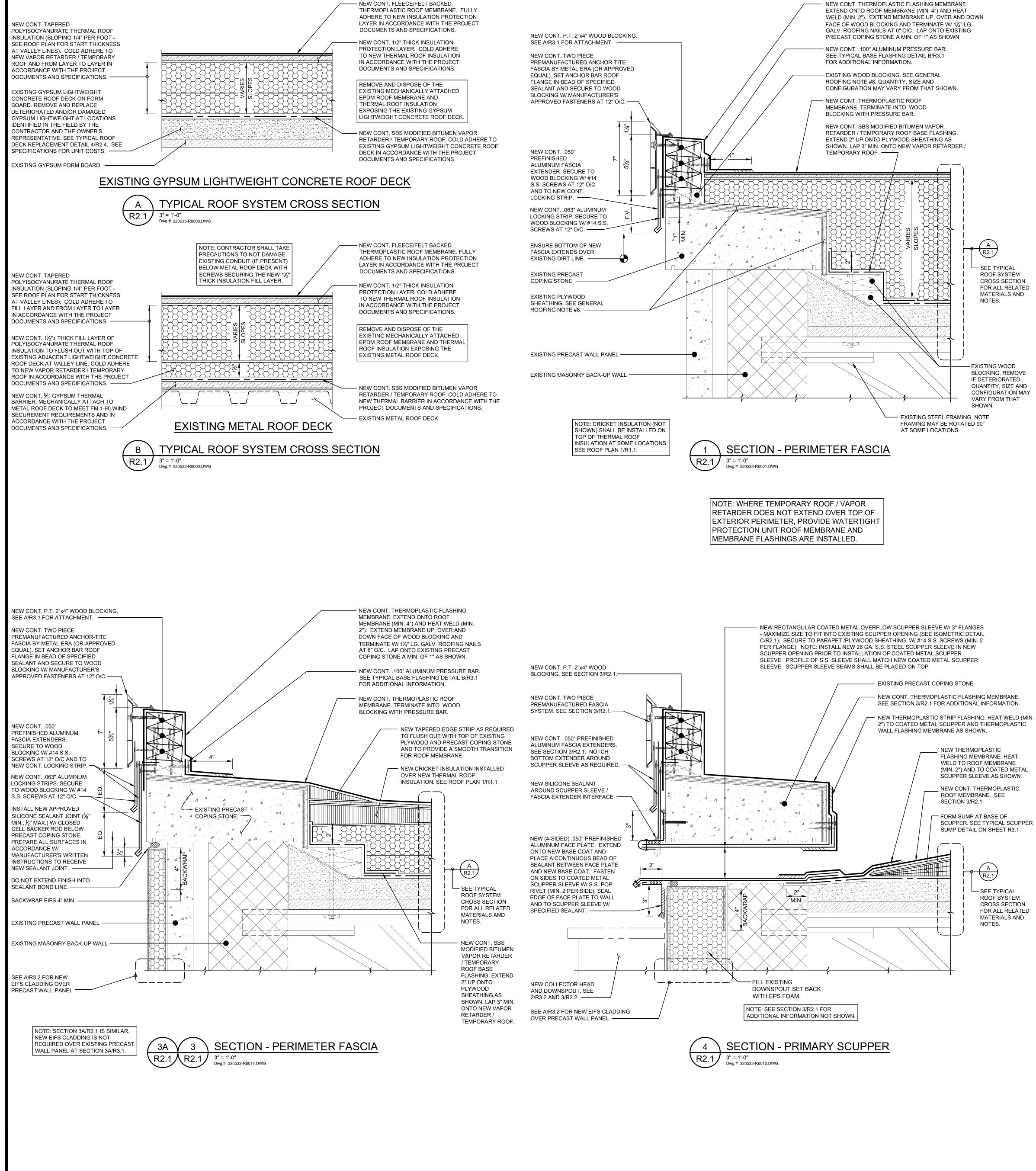
 R1.2
 3/16" = 1'-0" Dwg.# 220533-R2001.DWG

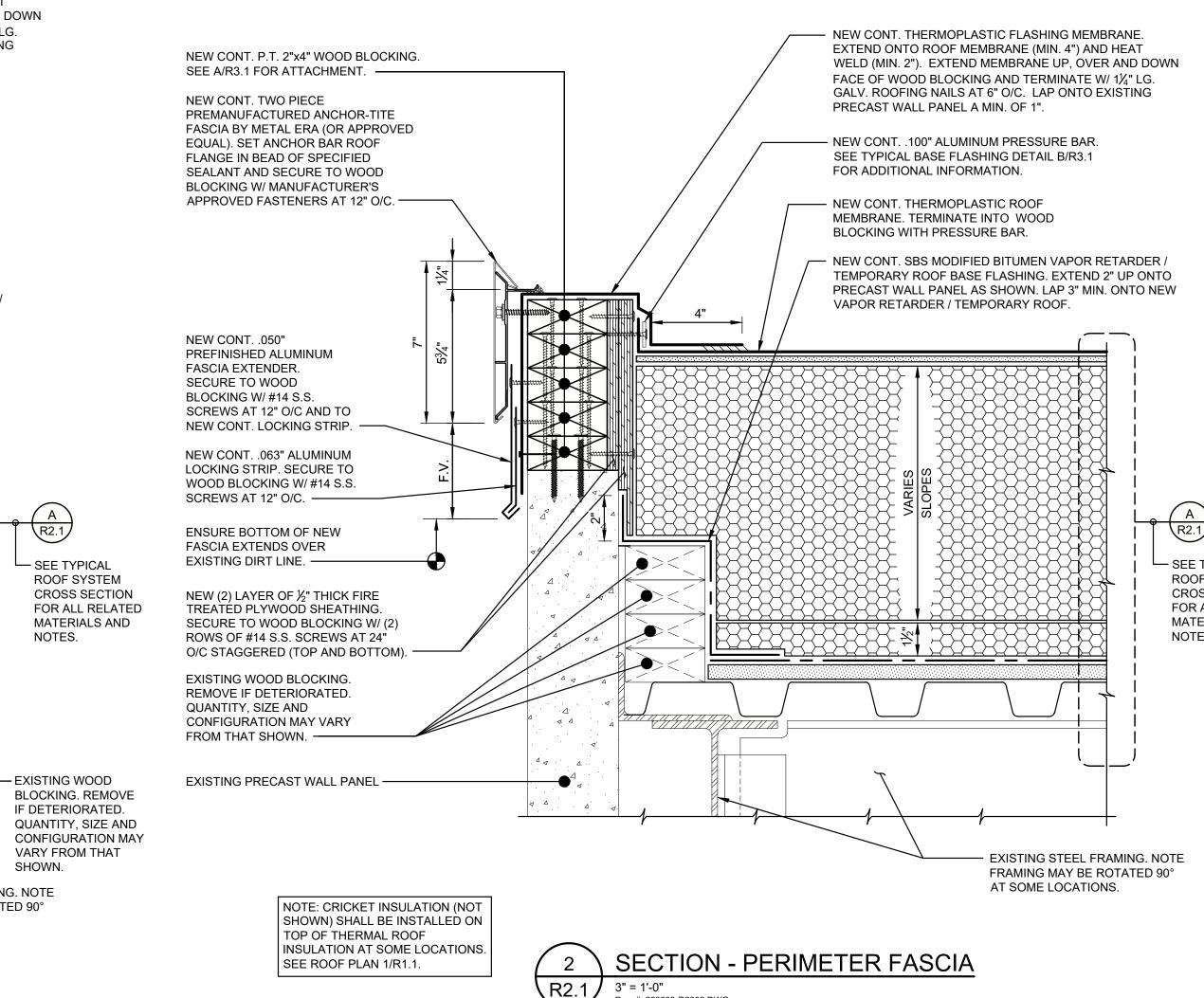
58'-11"±	10'-2"
	
	8'-0"
0- 80	

SECUREMENT PATTERN LEGEND NO SCALE Dwg.# 220533-R1002.DWG







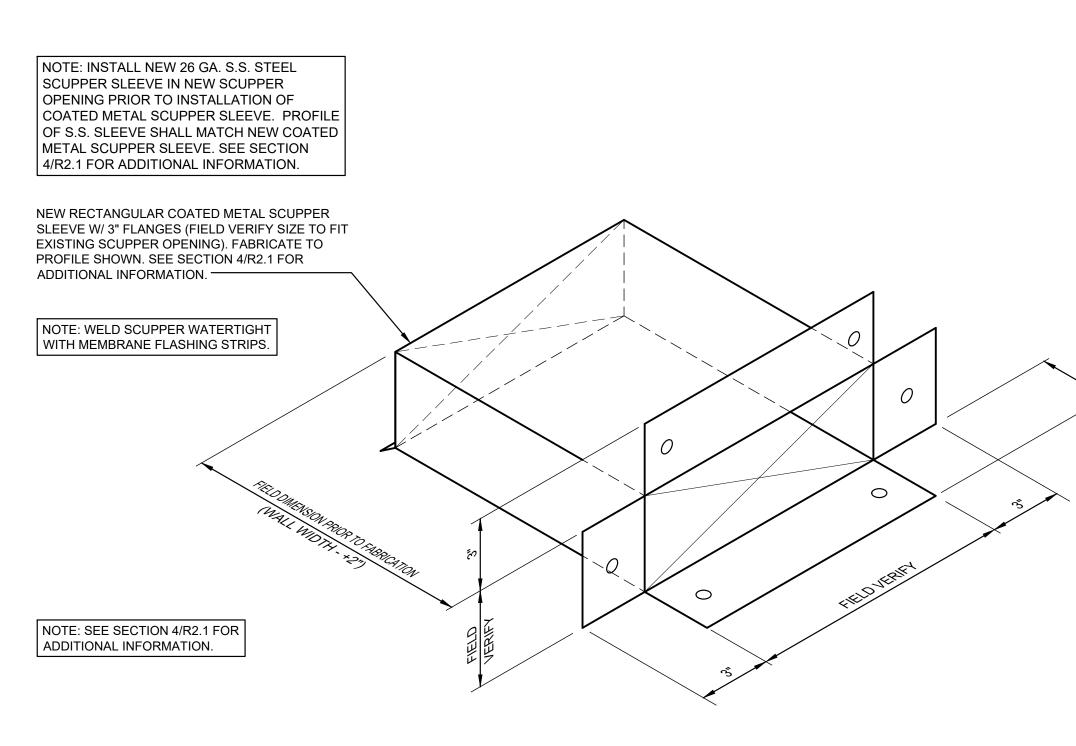


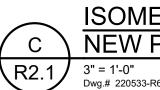
Dwg.# 220533-R6009.DWG

(MIN. 2") AND TO COATED METAL SCUPPER SLEEVE AS SHOWN.

SCUPPER. SEE TYPICAL SCUPPER

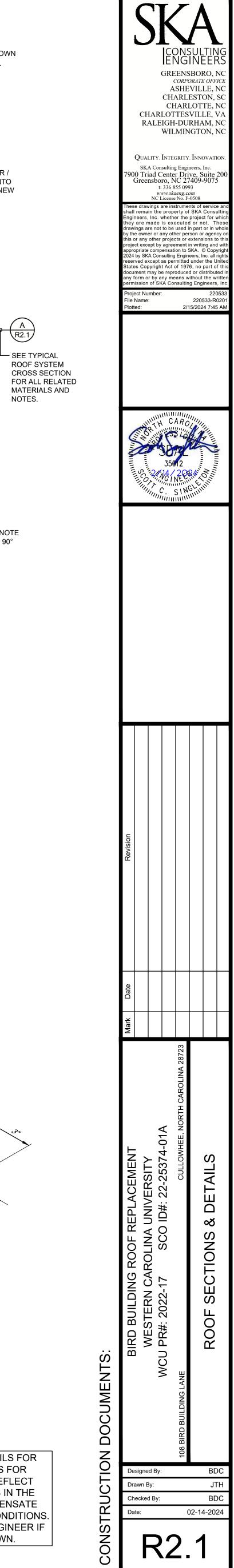
- SEE TYPICAL ROOF SYSTEM CROSS SECTION FOR ALL RELATED MATERIALS AND NOTES.

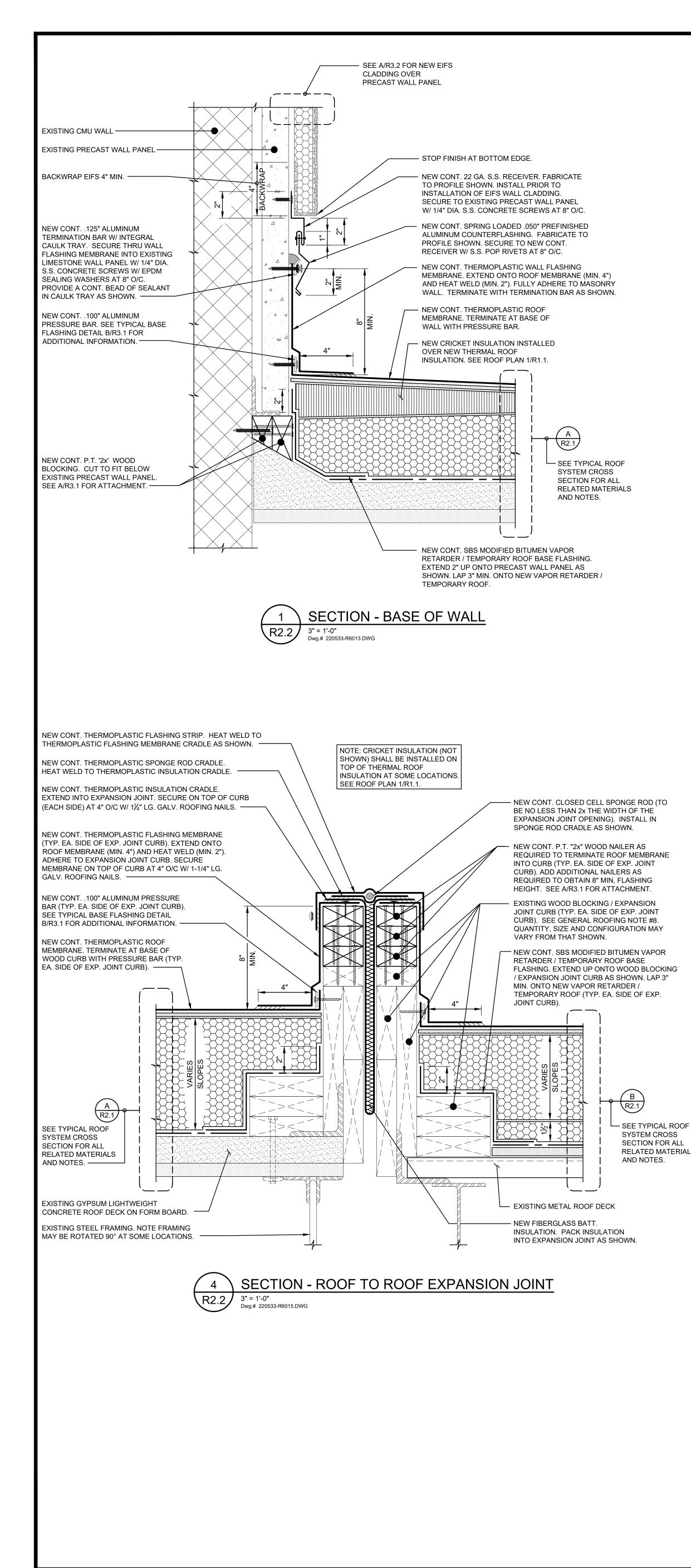


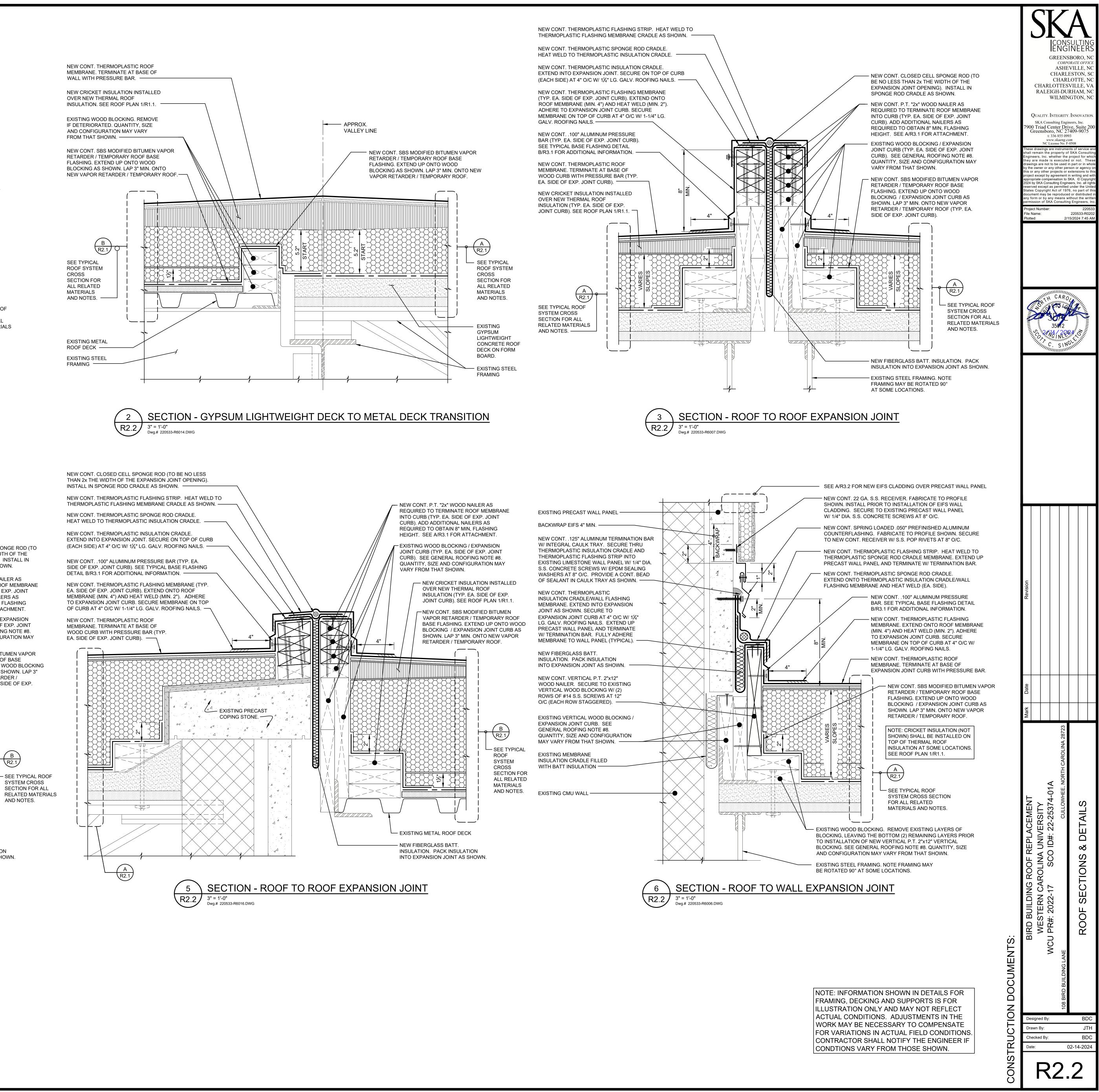


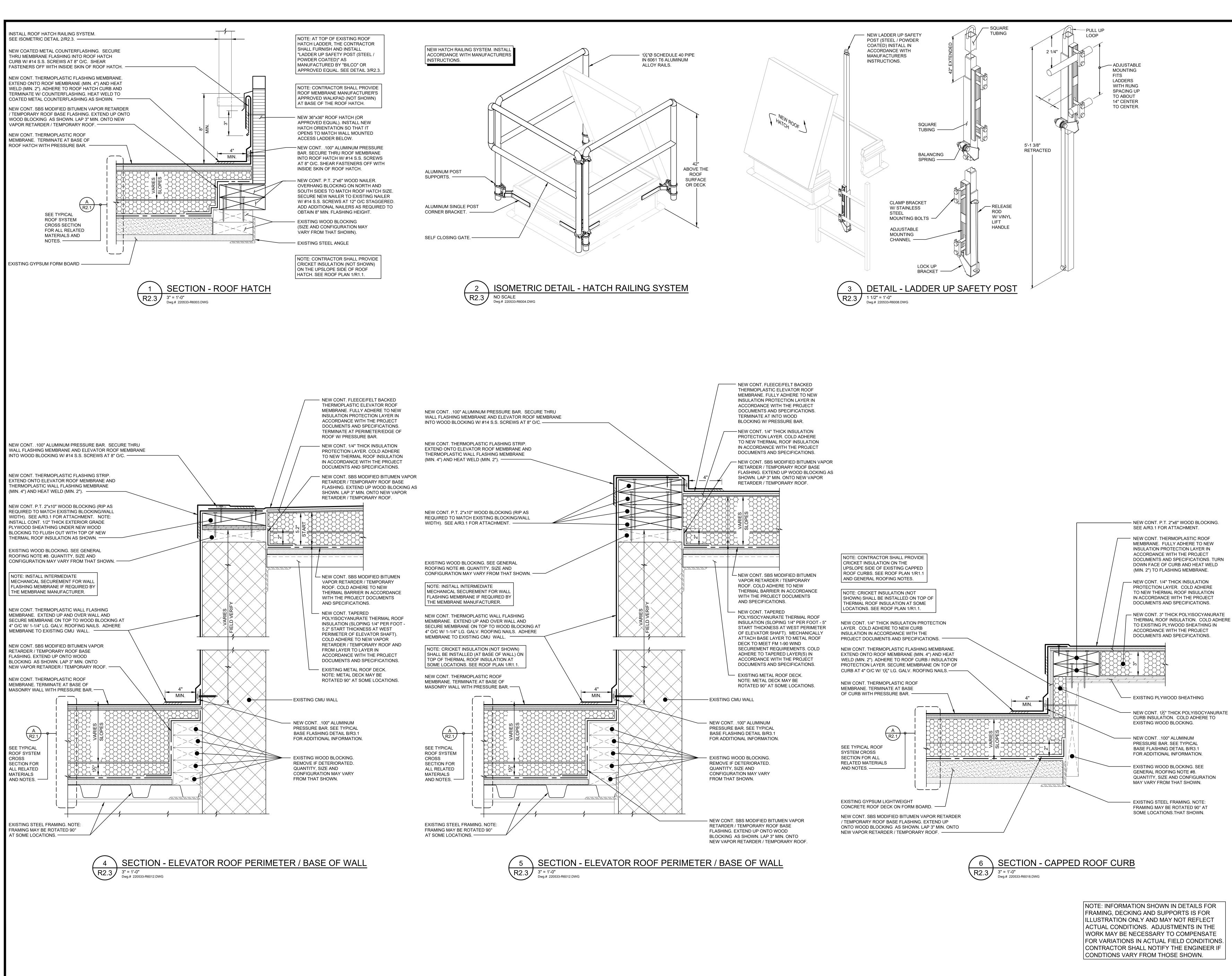
ISOMETRIC DETAIL NEW PRIMARY SCUPPER SLEEVE Dwg.# 220533-R6011.DWG

> NOTE: INFORMATION SHOWN IN DETAILS FOR FRAMING, DECKING AND SUPPORTS IS FOR ILLUSTRATION ONLY AND MAY NOT REFLECT ACTUAL CONDITIONS. ADJUSTMENTS IN THE WORK MAY BE NECESSARY TO COMPENSATE FOR VARIATIONS IN ACTUAL FIELD CONDITIONS. CONTRACTOR SHALL NOTIFY THE ENGINEER IF CONDTIONS VARY FROM THOSE SHOWN.

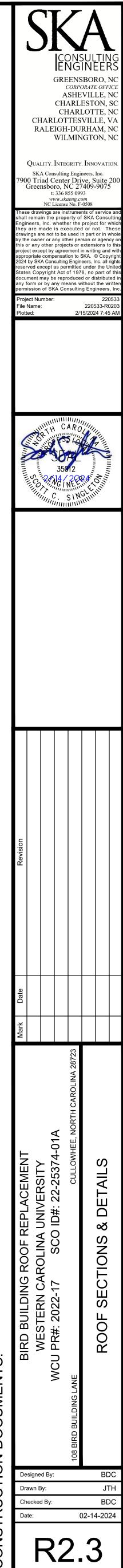


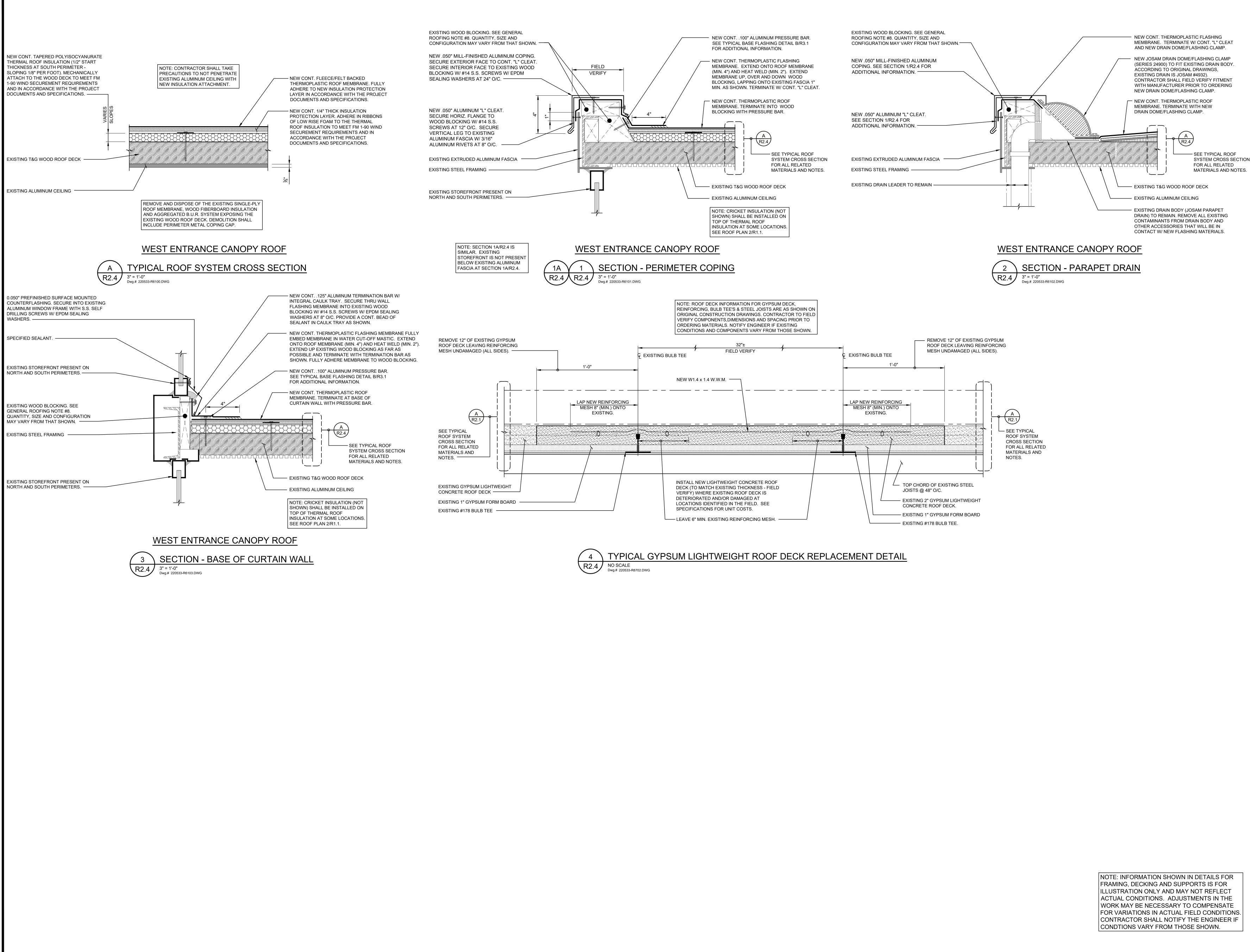


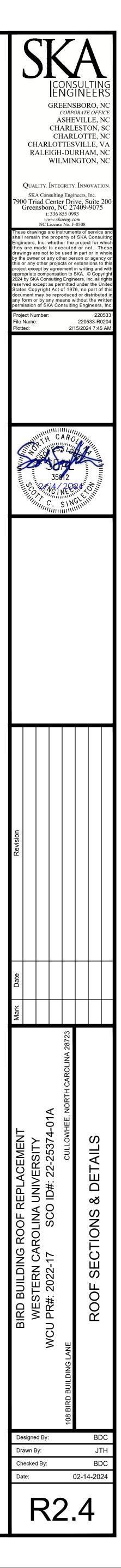


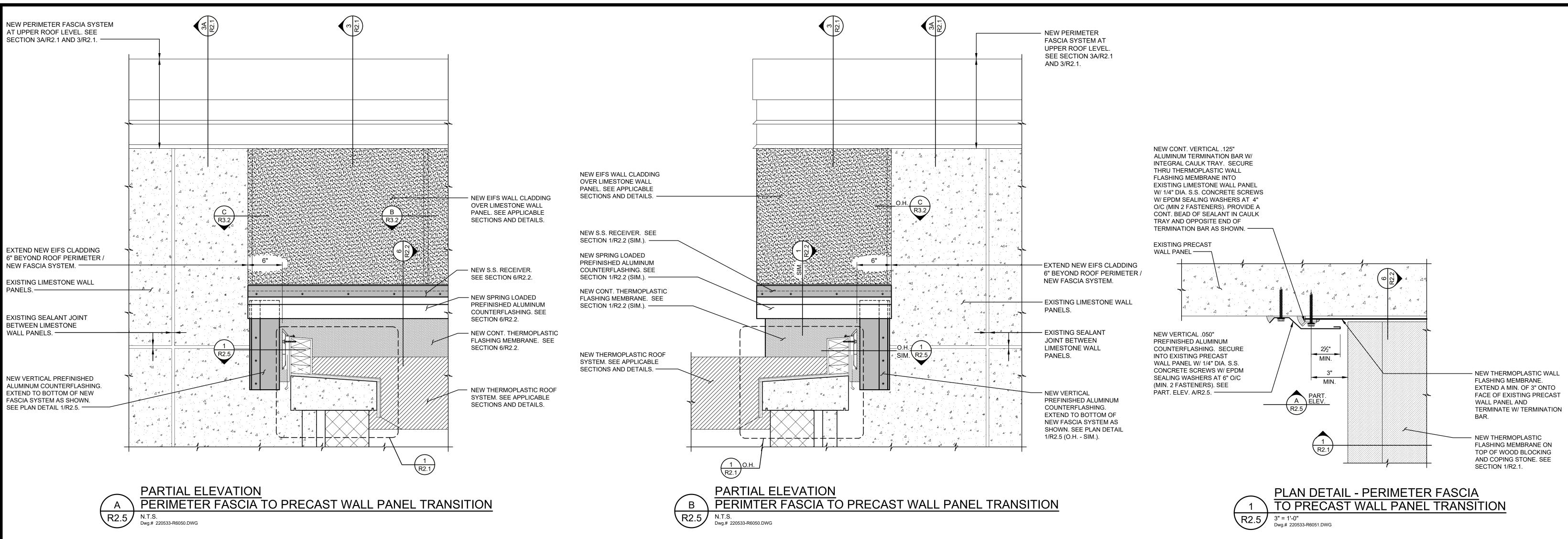


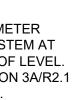
FRAMING, DECKING AND SUPPORTS IS FOR ILLUSTRATION ONLY AND MAY NOT REFLECT ACTUAL CONDITIONS. ADJUSTMENTS IN THE WORK MAY BE NECESSARY TO COMPENSATE FOR VARIATIONS IN ACTUAL FIELD CONDITIONS CONTRACTOR SHALL NOTIFY THE ENGINEER IF CONDTIONS VARY FROM THOSE SHOWN.



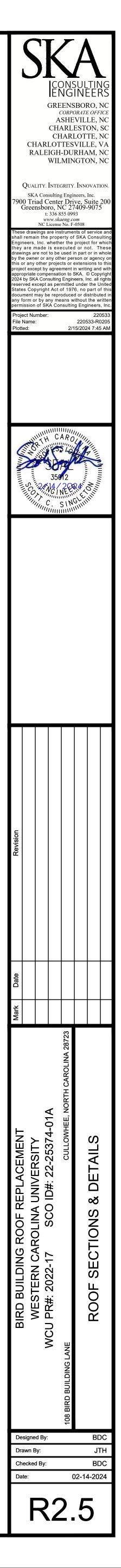


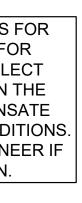


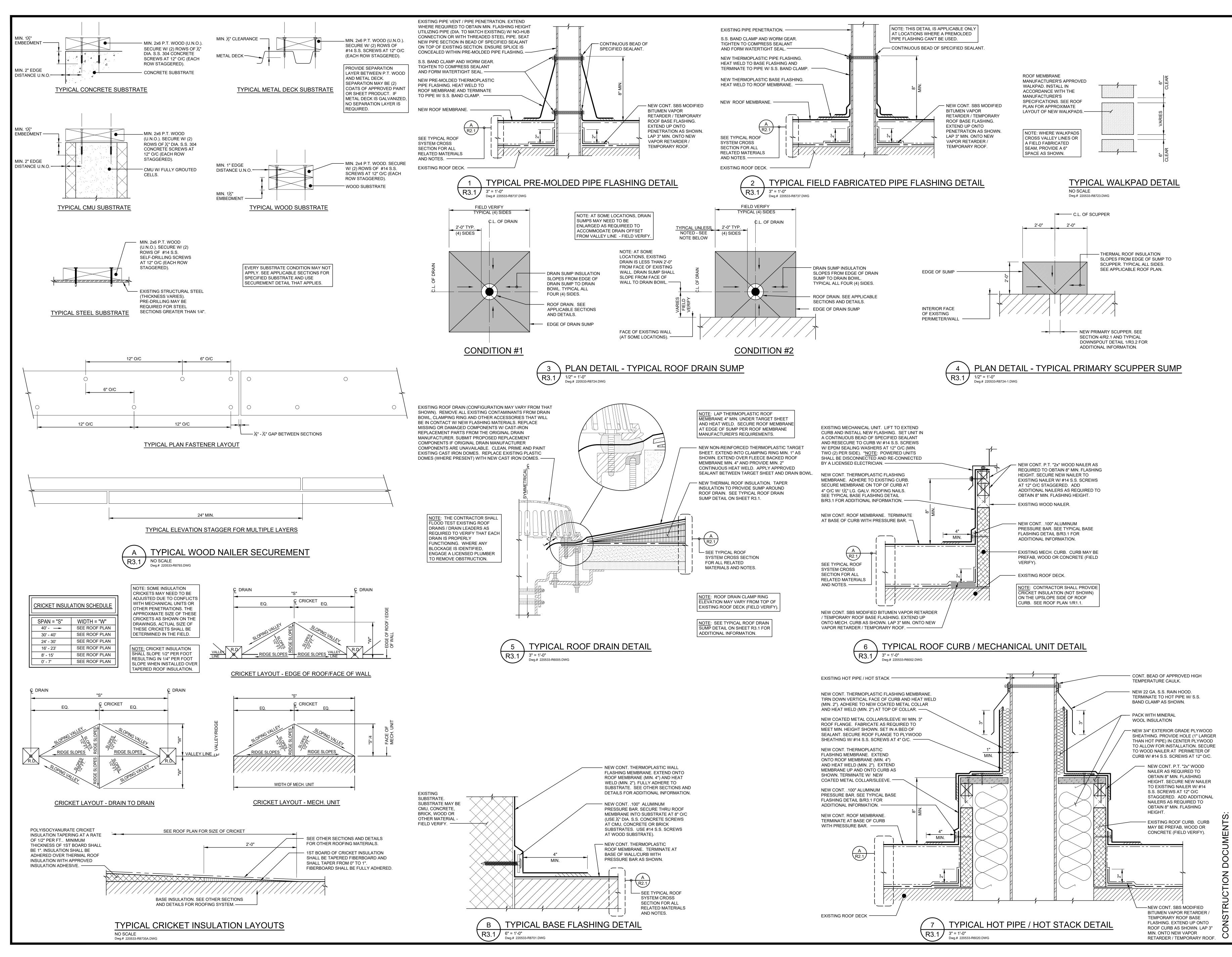


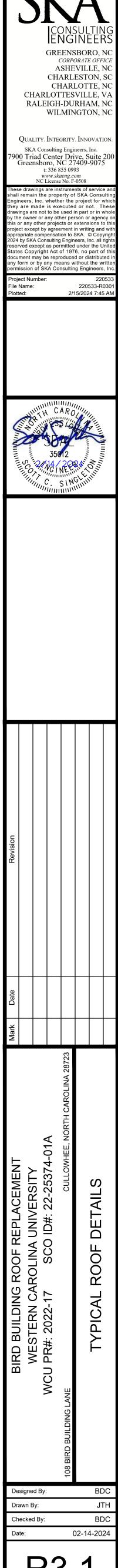


NOTE: INFORMATION SHOWN IN DETAILS FOR FRAMING, DECKING AND SUPPORTS IS FOR ILLUSTRATION ONLY AND MAY NOT REFLECT ACTUAL CONDITIONS. ADJUSTMENTS IN THE WORK MAY BE NECESSARY TO COMPENSATE FOR VARIATIONS IN ACTUAL FIELD CONDITIONS. CONTRACTOR SHALL NOTIFY THE ENGINEER IF CONDTIONS VARY FROM THOSE SHOWN.









RJ.

