

- | | | | |
|--|--|--|-------------------------------------|
| | BRICK (SECTION) | | ITEM TO BE REMOVED AND DISPOSED OF |
| | BRICK (ELEVATION) | | PLYWOOD |
| | CONCRETE | | WOOD (NEW CONTINUOUS) |
| | CMU (SECTION) | | WOOD (EXISTING CONTINUOUS) |
| | CMU (ELEVATION) | | GYPSUM BOARD |
| | FILL GROUT MORTAR | | INSULATION (RIGID) |
| | RD ROOF DRAIN | | SCUPPER/OVERFLOW SCUPPER |
| | N.R.D. NEW ROOF DRAIN | | ACCESS DOOR |
| | HS HOT STACK | | INDICATES DIRECTION OF VIEW |
| | P.V. PIPE VENT | | SECTION NUMBER |
| | P.P. PITCH POCKET | | SHEET WHERE SECTION IS DRAWN |
| | OPP PIPE PENETRATION | | INDICATES DIRECTION OF VIEW |
| | CB CHASE BOX | | ELEVATION NUMBER |
| | L.R.G. LIGHTENING ROD GROUND | | SHEET WHERE ELEVATION IS DRAWN |
| | G.P. GLASS PIPE PENETRATION | | DETAIL NUMBER |
| | TCF ROOF CORE SAMPLE LOCATION AND NUMBER | | SHEET WHERE DETAIL IS DRAWN |
| | T.O. TIE-OFF LOCATION | | INDICATES AREA SHOWN IN DETAIL |
| | FAN/MECHANICAL UNIT | | ITEMS TO BE REMOVED AND DISPOSED OF |
| | ROOF HATCH | | |
| | LIGHTENING ARREST TERMINAL | | |
| | LIGHTENING ARREST CABLE | | |

LEGEND MATERIALS AND SYMBOLS
NO SCALE
Dwg # 130256-R103.DWG

- | | | | |
|-------------------------------|---|-----------------------|---|
| ALT APPROX AVG | ALTERNATE APPROXIMATE AVERAGE | O/C OH OS | ON CENTER OPPOSITE HAND OVERFLOW SCUPPER |
| BLDG BLK | BUILDING BLOCKING | PEN PLY PP | PENETRATION PLYWOOD PITCH POCKET PREFAB |
| CL CMU COORD CONC CONT | CENTERLINE CONCRETE MASONRY UNIT COORDINATE CONCRETE CONTINUOUS COATED CENTER | RD REG REIN REM REQ'D | ROOF DRAIN REGULAR REINFORCED REINFORCING REMAINING REMAINDER REQUIRED |
| DIM DR DWG(S) | DIMENSION DRAWING(S) | SC SECT SIM | SCUPPER SECTION SIMILAR |
| EA ELEV EQ EST EXIST EXP JT | EACH ELEVATION ELEVATOR EQUAL ESTIMATE EXISTING EXPANSION JOINT | SS STD SYS | SHEET METAL AND AIR CONDITIONING CONTRACTORS SPECIFICATIONS STAINLESS STEEL STANDARD SYSTEM |
| FD | FLOOR DRAIN | TYP | TYPICAL |
| IN INCL | INCH-INCHES INCLUDE | UNO | UNLESS NOTED OTHERWISE |
| MANUF MATL MECH MEMB MIN MISC | MANUFACTURER MATERIAL MECHANICAL MEMBRANE MINIMUM MISCELLANEOUS | VERT W/ W/O YD | VERTICAL WITH WITHOUT YARD |
| N/A NIC NTS | NOT APPLICABLE NOT IN CONTRACT NOT TO SCALE | X | BY |

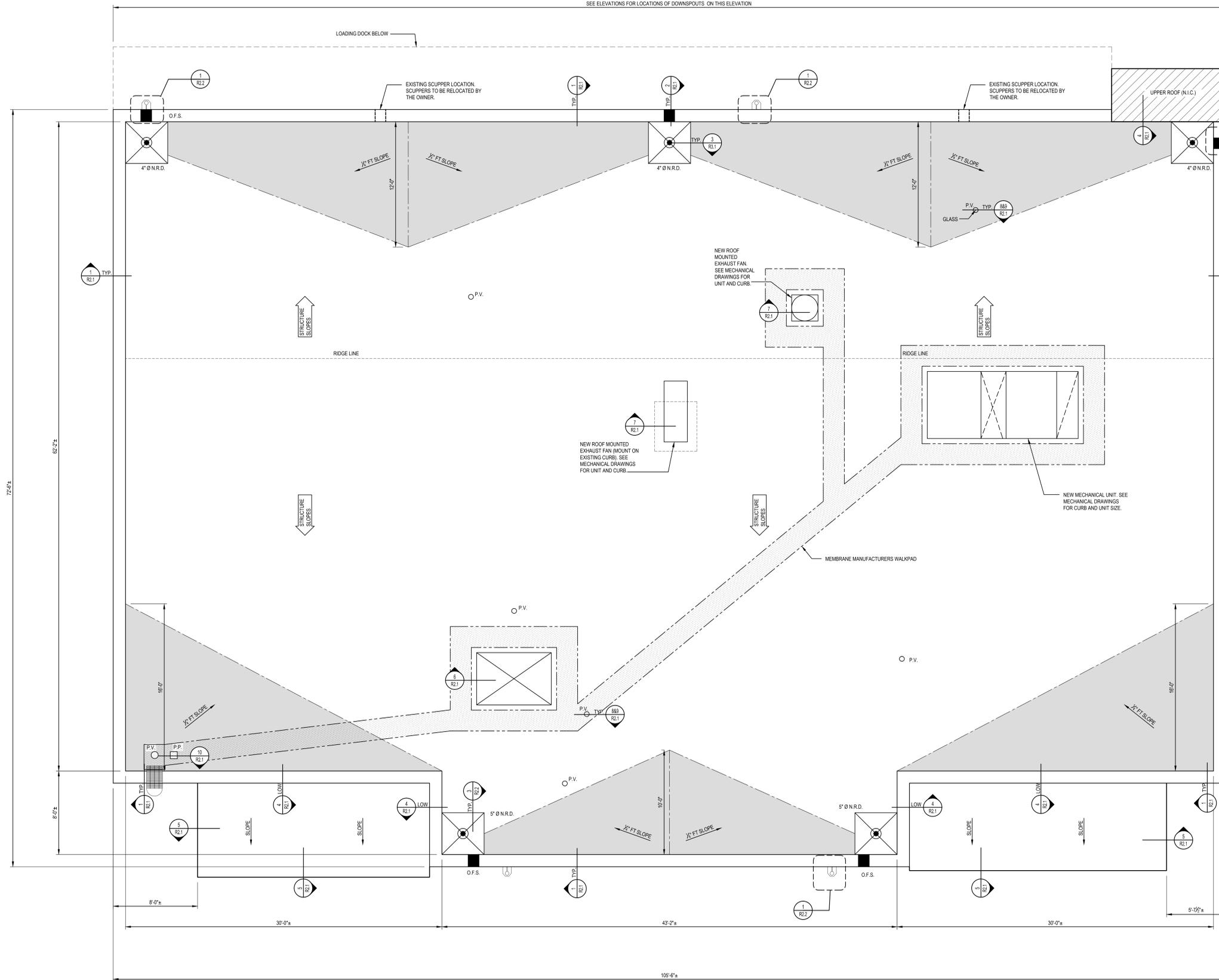
ABBREVIATIONS
NO SCALE
Dwg # 130256-R104.DWG

1 ROOF PLAN - DEMOLITION
R1.1 1/4" = 1'-0"
Dwg # 130256-R002.DWG

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 300 Pomroy Drive Greensboro, NC 27407-1620 P: 336.855.0993 F: 336.855.6066 www.ska.com NC License No. F-0508 Project Number: 130256 File Name: 130256-R0101 Plot: 10/15/2013 1:25 PM		 RGG Architects, PLLC 1002 Broad Street Durham, North Carolina 27705 919.286.5700 www.rggarchitects.com	REV. DATE RECOMMENDED APPROVAL Requestor: _____ Date: _____ Chief of Staff: _____ Date: _____ Chief of Service: _____ Date: _____ Asst. Med. Ctr. Dir.: _____ Date: _____ APPROVED BY: _____ Date: _____ MEDICAL CENTER DIRECTOR	Drawing Title: PHASE 2 - ROOF DEMOLITION PLAN LEGEND AND ABBREVIATIONS Approved: Chief, Engineering Service Approved: Infection Control	Project Title: RENOVATE BUILDING 6 FOR RESEARCH AND ANCILLARY SUPPORT Building No.: _____ Designed By: BDC Drawn By: LIS Checked By: BDC Location: VA Medical Center Durham, NC	Date: 10-09-2013 Project No.: 556-13-221 Project Drawing No.: DRAWING NO. R1.1 Sheet _____ of _____	
			<p align="right">FOR CONSTRUCTION</p>				

SEE ELEVATIONS FOR LOCATIONS OF DOWNSPOUTS ON THIS ELEVATION



GENERAL ROOFING NOTES:

- DIMENSIONS SHOWN ON PLAN ARE FOR ESTIMATING PURPOSES ONLY AND MAY NOT REFLECT ACTUAL CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO BID AND BEFORE ORDERING MATERIALS.
- THIS PROJECT INVOLVES WORK WITH EXISTING CONSTRUCTION. REQUIREMENT FOR NEW CONSTRUCTION ARE BASED IN MANY INSTANCES ON MATERIALS AND CONSTRUCTION FOUND DURING FIELD INVESTIGATION AND SHOWN ON THE ORIGINAL DRAWINGS OF THE BUILDING. INFORMATION SHOWN FOR THE FRAMING AND SUPPORTS ARE 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 FIELD VERIFY CONDITIONS AND CONTACT THE ENGINEER IF COMPONENTS VARY GREATLY FROM THOSE SHOWN.
- MECHANICAL UNITS AND OTHER ROOF PROJECTIONS SHALL BE RAISED/EXTENDED AS REQUIRED TO OBTAIN 6" MIN. FLASHING TERMINATIONS. MECHANICAL UNITS SHALL BE DISCONNECTED/CONNECTED BY THE LICENSED ELECTRICAL CONTRACTOR SHALL COORDINATE REMOVAL OF UNITS WITH THE OWNER.
- CONTRACTOR SHALL FIELD VERIFY QUANTITY, SIZE AND LOCATIONS OF ALL ROOF PENETRATIONS PRIOR TO BID AND BEFORE ORDERING MATERIALS.
- THE CONTRACTOR SHALL INCLUDE SUCH TIME AND MATERIALS IN THE BID AS REQUIRED TO MAKE 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 AND OTHER APPROVED ACCESSORIES. SURFACE SEALANTS ARE NOT ACCEPTABLE AS THE PRIMARY CLOSURE COMPONENTS.
- THE CONTRACTOR SHALL FIELD VERIFY AND INVESTIGATE ALL CONDITIONS AFFECTING THE WORK INCLUDING BUT NOT LIMITED TO INTERIOR CONDITIONS AND OPERATIONS. REQUIREMENTS FOR PROTECTION, CONFLICTS WITH EXISTING CONSTRUCTION, SITE ACCESS AND MATERIAL STORAGE AREAS, ON REQUEST, THE OWNER WILL ASSIST THE CONTRACTOR WITH ACCESS TO AREAS THE CONTRACTOR WANTS TO EXAMINE.
- AT THE END OF EACH DAYS WORK, ALL ROOFING AND WALL AREAS SHALL BE WATERTIGHT.

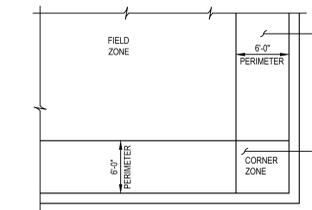
THE SUMMARY OF WORK IS AS FOLLOWS:

MEMBRANE ROOF SYSTEM:

- REMOVE AND DISPOSE OF ALL EXISTING ROOF MATERIALS INCLUDING, 2-PLY MODIFIED BITUMEN, MEMBRANE FLASHINGS, EXISTING ROOF INSULATION, SHEET METAL FLASHINGS, ETC. DOWN TO THE EXISTING COAL TAR/FIBER VAPOR BARRIER.
- REMOVE AND DISPOSE OF ALL WOOD NAILERS OR BLOCKING.
- REMOVE AND DISPOSE OF ALL EXISTING MECHANICAL UNIT CURBS AS SHOWN IN THE DEMOLITION PLAN.
- PROVIDE NEW DECK CLOSURES AS SHOWN IN THE DRAWINGS, WHERE EXISTING CURBS ARE REMOVED.
- PROVIDE NEW P.T. WOOD BLOCKING/NAILERS AS SHOWN ON THE DRAWINGS AND AS SPECIFIED HEREIN.
- PROVIDE AND INSTALL NEW ROOF DRAINS AND ROOF DRAIN PIPING AS SHOWN ON THE DRAWINGS AND AS SPECIFIED HEREIN.
- PROVIDE AND INSTALL NEW RIBBON ADHERED POLYISOCYANURATE ROOF AND CRICKET INSULATION AS SHOWN ON THE DRAWINGS AND AS SPECIFIED HEREIN.
- PROVIDE AND INSTALL NEW RIBBON ADHERED PRE-PRIMED GYPSUM INSULATION PROTECTION LAYER OVER THE THERMAL INSULATION.
- PROVIDE AND INSTALL NEW 60" PVC THERMOPLASTIC MEMBRANE, MEMBRANE FLASHINGS AND ACCESSORIES AS SHOWN ON THE DRAWINGS AND AS SPECIFIED HEREIN.
- PROVIDE AND INSTALL NEW SHEET METAL COUNTERFLASHINGS, SCUPPER SLEEVES, AND COPINGS AS SHOWN ON THE DRAWINGS AND AS SPECIFIED HEREIN.

GENERAL ROOFING NOTES

NO SCALE
Dwg # 130255-R1001.DWG



ROOF PERIMETER AND CORNER ZONES

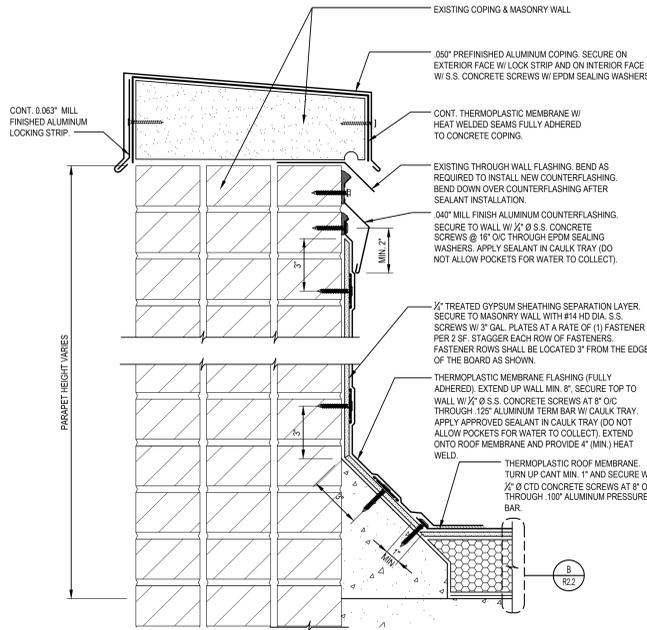
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Dwg # 130255-R1004.DWG

1 ROOF PLAN
1/4" = 1'-0"
Dwg # 130255-R1003.DWG

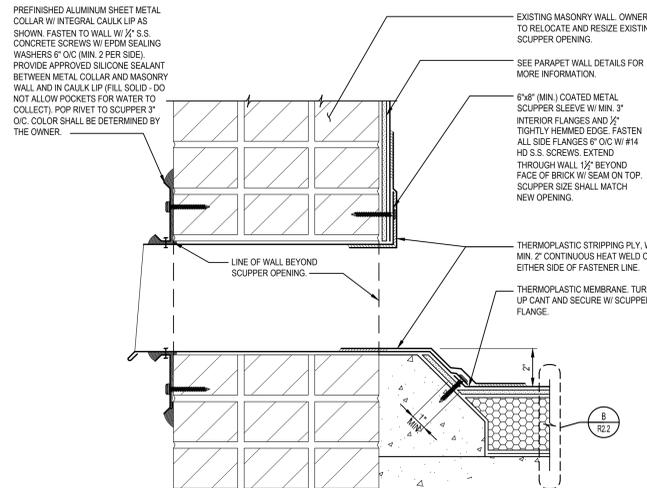
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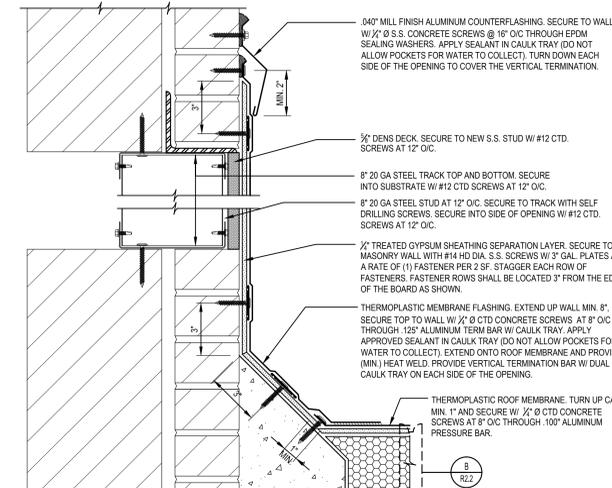
<table border="1"> <thead> <tr> <th>Mark</th> <th>Date</th> <th>Revision</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Mark	Date	Revision										<p>300 Pomroy Drive Greensboro, NC 27407-1620 P: 336.855.0993 F: 336.855.6066 www.ska.com NC License No. F-0508</p>	<p>JEFFREY S. MULAR REGISTERED PROFESSIONAL ENGINEER NO. 19538 STATE OF NORTH CAROLINA</p>	<p>RGG Architects, PLLC 1002 Broad Street Durham, North Carolina 27705 919.286.5700 www.rggarchitects.com</p>	<table border="1"> <thead> <tr> <th>REV.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> <p>RECOMMENDED APPROVAL</p> <table border="1"> <tr> <td>Requestor:</td> <td>Date:</td> <td>Chief of Staff:</td> <td>Date:</td> </tr> <tr> <td>Chief of Service:</td> <td>Date:</td> <td>Asst. Med. Ctr. Dir.:</td> <td>Date:</td> </tr> </table> <p>APPROVED BY: MEDICAL CENTER DIRECTOR</p>	REV.	DATE	DESCRIPTION							Requestor:	Date:	Chief of Staff:	Date:	Chief of Service:	Date:	Asst. Med. Ctr. Dir.:	Date:	<p>Drawing Title: PHASE 2 - ROOF PLAN TYPICAL SYSTEMS</p> <p>Project Title: RENOVATE BUILDING 6 FOR RESEARCH AND ANCILLARY SUPPORT</p> <table border="1"> <tr> <td>Building No.:</td> <td>Designed By: BDC</td> <td>Drawn By: LIS</td> <td>Checked By: BDC</td> </tr> </table> <p>Location: VA Medical Center Durham, NC</p>	Building No.:	Designed By: BDC	Drawn By: LIS	Checked By: BDC	<p>Date: 10-09-2013</p> <p>Project No.: 556-13-221</p> <p>Project Drawing No.:</p> <p>DRAWING NO. R1.2</p> <p>Sheet of</p>
	Mark	Date	Revision																																				
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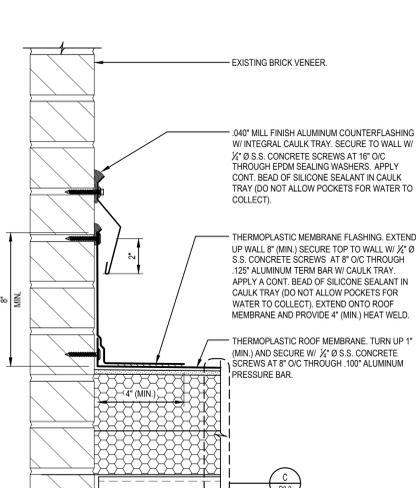
1 SECTION PARAPET WALL
R2.1 3" = 1'-0"
Dwg # 130205-R6002.DWG



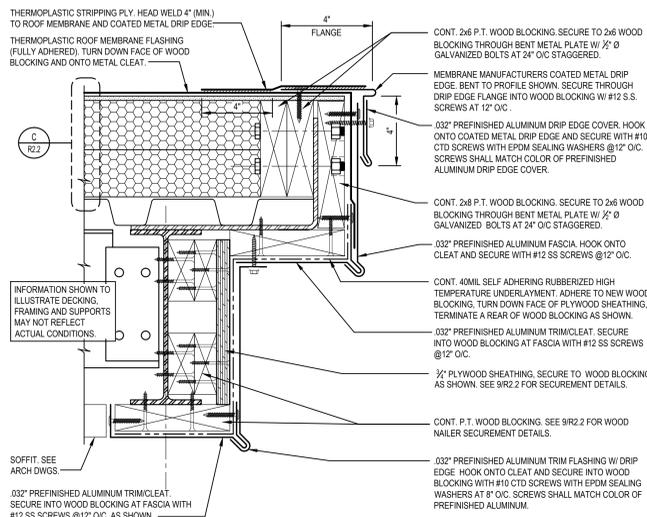
2 TYPICAL DETAIL OVERFLOW SCUPPER
R2.1 3" = 1'-0"
Dwg # 130205-R6003.DWG



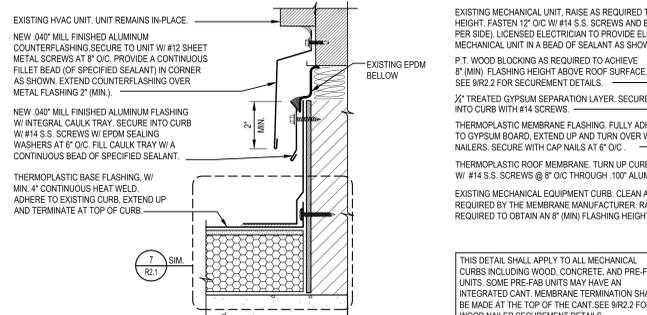
3 SECTION AT CHASE
R2.1 3" = 1'-0"
Dwg # 130205-R6002.DWG



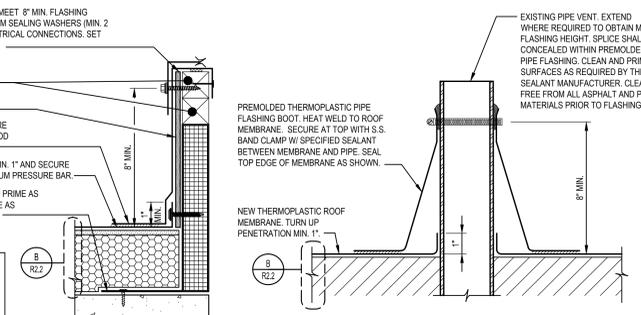
4 SECTION
R2.1 3" = 1'-0"
Dwg # 130205-R6001.DWG



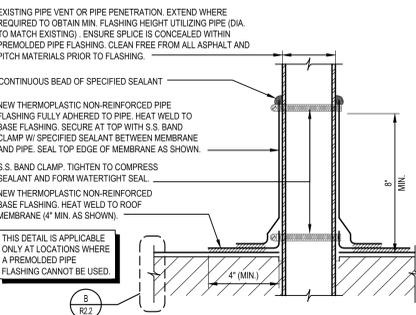
5 SECTION
R2.1 3" = 1'-0"
Dwg # 130205-R6003.DWG



6 SECTION CURB AT HVAC
R2.1 3" = 1'-0"
Dwg # 130205-R6019.DWG

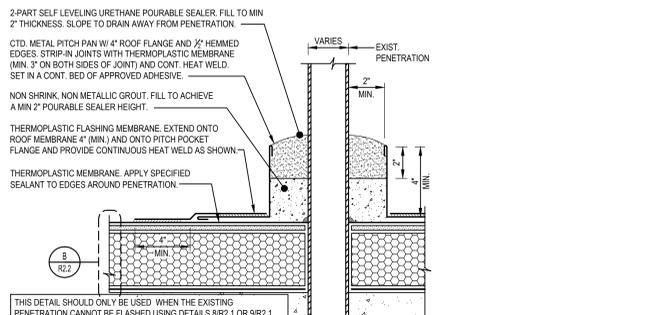


7 TYPICAL CURB DETAIL
R2.1 3" = 1'-0"
Dwg # 130205-R6007.DWG



8 TYPICAL DETAIL PRE-MANUFACTURED PIPE BOOT
R2.1 3" = 1'-0"
Dwg # 130205-R6013.DWG

9 TYPICAL DETAIL PIPE BOOT
R2.1 3" = 1'-0"
Dwg # 130205-R6013.DWG



10 TYPICAL DETAIL PITCH PAN
R2.1 3" = 1'-0"
Dwg # 130205-R6014.DWG

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REV.	DATE	DESCRIPTION

RECOMMENDED APPROVAL

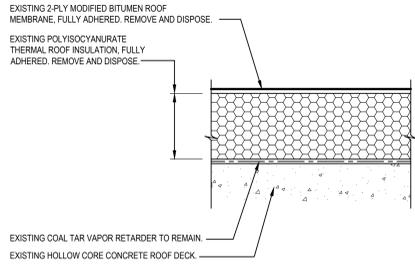
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Chief of Service:	Date:	Asst. Med. Ctr. Dir.:	Date:

APPROVED BY: MEDICAL CENTER DIRECTOR

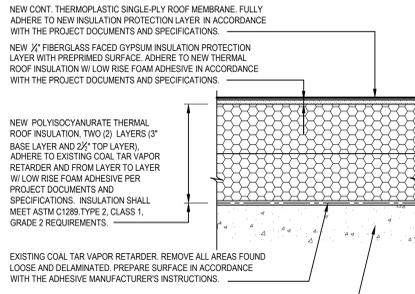
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Location: VA Medical Center Durham, NC			

Project Title: RENOVATE BUILDING 6 FOR RESEARCH AND ANCILLARY SUPPORT	Date: 10-09-2013
Project No: 556-13-221	Project Drawing No:
Location: VA Medical Center Durham, NC	Project Title: RENOVATE BUILDING 6 FOR RESEARCH AND ANCILLARY SUPPORT

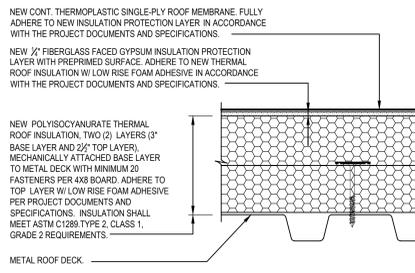
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Sheet of



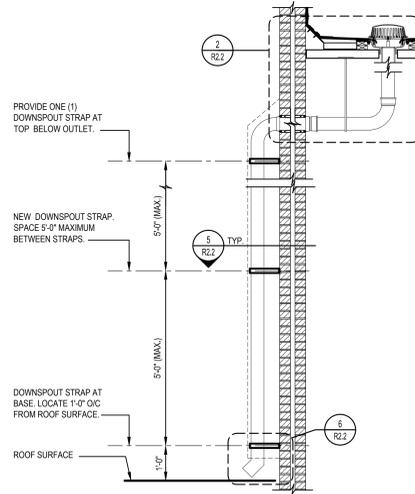
A TYPICAL EXISTING SECTION ROOF SYSTEM CROSS SECTION
R2.2 NO SCALE
Dwg # 130255-RB010.DWG



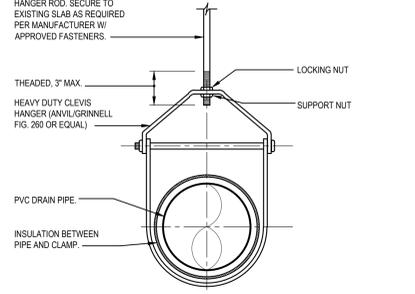
B TYPICAL SECTION ROOF SYSTEM CROSS SECTION
R2.2 NO SCALE
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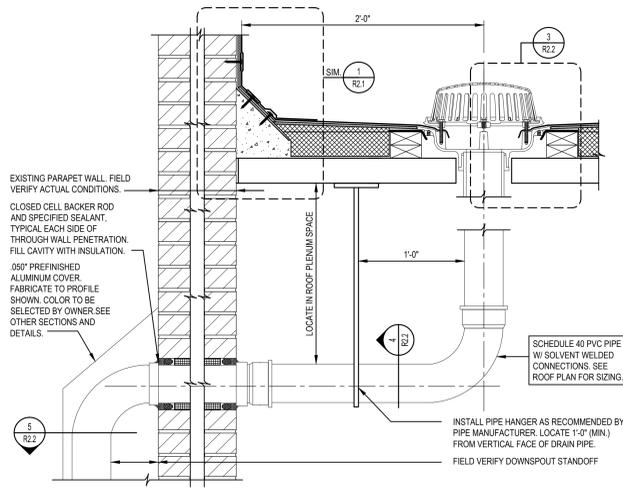
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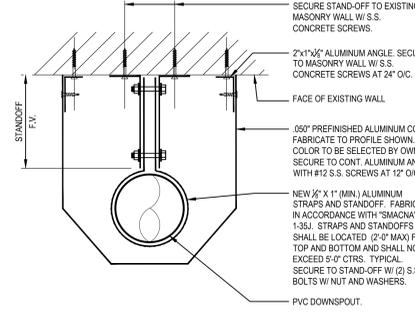
1 TYPICAL SECTION
R2.2 1/2" = 1'-0"
Dwg # 130255-RB024.DWG



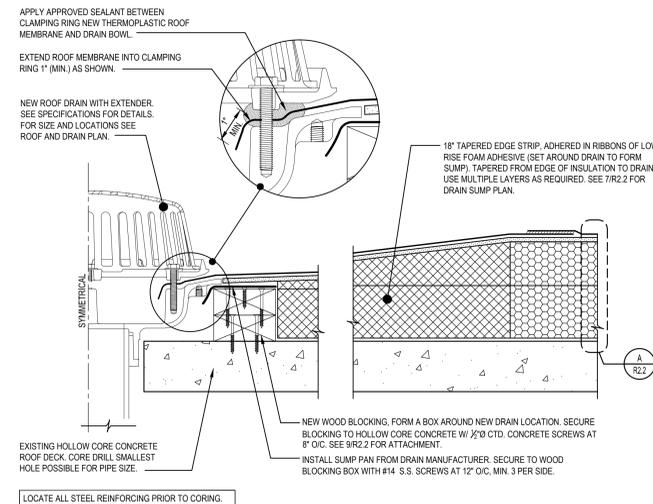
4 DETAIL PIPE HANGER SUPPORT
R2.2 NO SCALE
Dwg # 130255-RB023.DWG



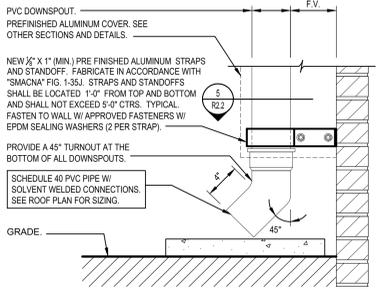
2 SECTION - DRAIN THROUGH PARAPET WALL
R2.2 1/2" = 1'-0"
Dwg # 130255-RB022.DWG



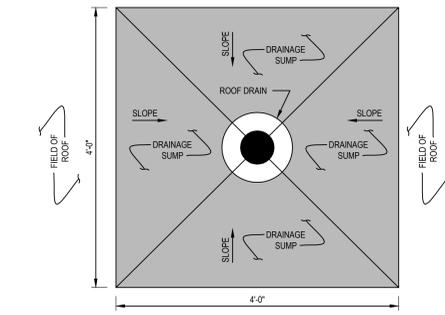
5 PLAN DOWNSPOUT STRAP
R2.2 NO SCALE
Dwg # 130255-RB111.DWG



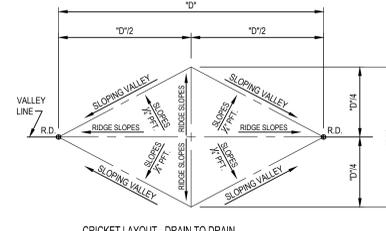
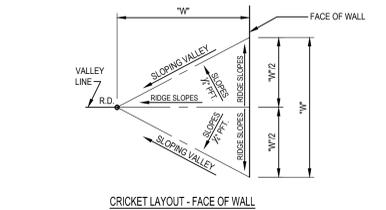
3 TYPICAL DETAIL ROOF DRAIN
R2.2 NO SCALE
Dwg # 130255-RB004.DWG



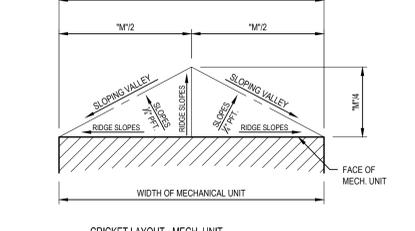
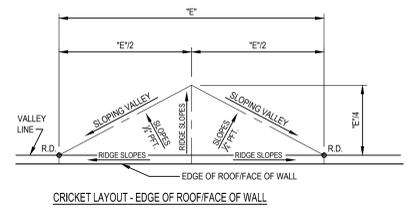
6 TYPICAL DETAIL DOWNSPOUT KICK-OUT
R2.2 NO SCALE
Dwg # 130255-RB115.DWG



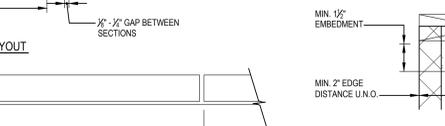
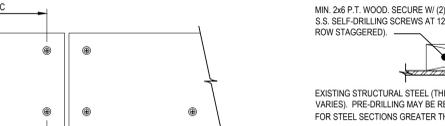
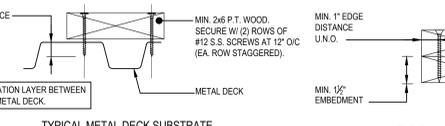
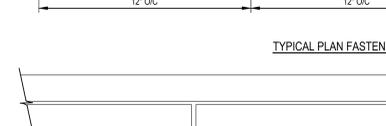
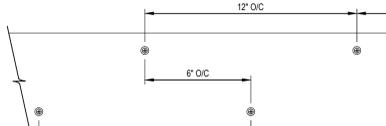
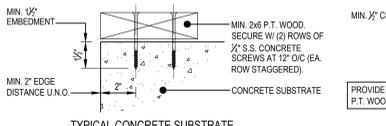
7 DRAIN SUMP PLAN
R2.2 NO SCALE
Dwg # 130255-RB005.DWG



8 TYPICAL CRICKET INSULATION LAYOUTS
R2.2 NO SCALE
Dwg # 130255-RB001.DWG



EVERY SUBSTRATE CONDITION MAY NOT APPLY. SEE APPLICABLE SECTIONS FOR SPECIFIED SUBSTRATE AND USE SECUREMENT DETAIL THAT APPLIES.



9 TYPICAL WOOD NAILER SECUREMENT
R2.2 3/4" = 1'-0"
Dwg # 130255-RB001.DWG

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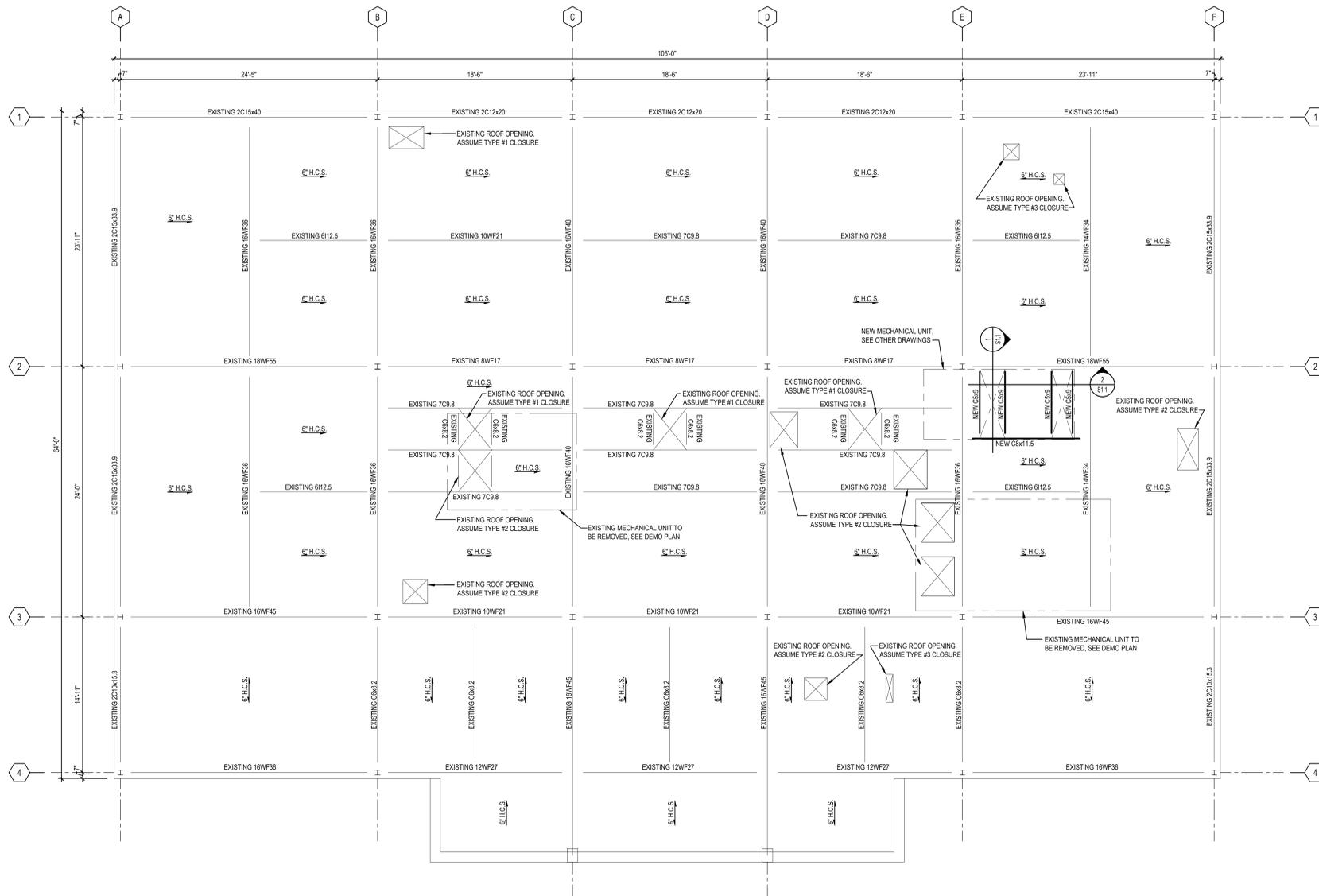
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 Chief of Service: _____ Date: _____ Asst. Med. Ctr. Dir.: _____ Date: _____
 APPROVED BY: _____ Date: _____
 MEDICAL CENTER DIRECTOR

Requestor: _____	Approved: Chief, Engineering Service
Building No. _____	Approved: Infection Control
Designed By: BDC	Location: VA Medical Center Durham, NC
Drawn By: LIS	
Checked By: BDC	

Project Title: RENOVATE BUILDING 6 FOR RESEARCH AND ANCILLARY SUPPORT	Date: 10-09-2013
Project No: 556-13-221	Project Drawing No: _____
DRAWING NO. R2.2	Sheet _____ of _____

DEPARTMENT OF HEALTH & HUMAN SERVICES
CENTERS FOR DISEASE CONTROL AND PREVENTION



A EXISTING ROOF PLAN
S1.1 3/16" = 1'-0"
130255-52000.DWG

STRUCTURAL NOTES

GENERAL NOTES AND SCOPE

- THE STRUCTURAL SCOPE OF THIS PROJECT IS LIMITED TO THE FOLLOWING:
 - INSTALLATION OF TWO NEW OPENINGS FOR NEW ROOFTOP AIR HANDLER
 - CLOSING OF EXISTING OPENINGS IN ROOF
 - EAST AND WEST ENTRYWAYS, SEE SHEET S2.1.
- EXISTING ROOF OPENINGS SIZES AND LOCATIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- LOCATIONS OF OPENINGS ARE SHOWN SCHEMATICALLY. THE CONTRACTOR SHALL COORDINATE TYPICAL DETAILS WITH ACTUAL FIELD CONDITIONS ONCE OPENINGS ARE LOCATED.

CONCRETE AND REINFORCING STEEL

- CONCRETE SHALL HAVE THE FOLLOWING PROPERTIES:
 - COMPRESSIVE STRENGTH, f'_c 4,000 PSI
 - AIR CONTENT (ENTRAINED AIR) 6%±1.5%
 - SEE SPECIFICATIONS FOR MORE INFORMATION.
- REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60.
- CONCRETE FORMWORK SHALL NOT BE REMOVED UNTIL CONCRETE HAS REACHED SUFFICIENT STRENGTH TO NOT BE DAMAGED BY FORMWORK REMOVAL. THIS SHALL BE CONSIDERED TO BE THE CASE ONCE THE CONCRETE HAS REACHED 75% OF ITS DESIGN COMPRESSIVE STRENGTH.

STRUCTURAL STEEL

- ROLLED STEEL W-SHAPES SHALL CONFORM TO ASTM A992, GRADE 50, FY=60 KSI. COLD FORMED STEEL TUBING SHALL CONFORM TO ASTM A500, GRADE B. STEEL PLATES, ANGLES, CHANNELS, AND ANCHOR BOLTS SHALL CONFORM TO ASTM A36, FY=36 KSI.
- FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH AISC SPECIFICATIONS, COMMENTARY, AND THE CODE OF STANDARD PRACTICE.
- WELDS:
 - ALL WELDS SHALL BE MADE IN ACCORDANCE WITH AWS D1.1 STRUCTURAL WELDING CODE - STEEL BY THE AMERICAN WELDING SOCIETY. WELDS SHALL BE MADE USING E70XX LOW-HYDROGEN ELECTRODES.
 - GALVANIZED STEEL SHALL BE WELDED IN ACCORDANCE WITH AWS D19 - WELDING ZINC COATED STEEL BY THE AMERICAN WELDING SOCIETY. STEEL SURFACES SHALL BE FREE OF ZINC IN THE AREA TO BE WELDED.
 - WELDS SHALL BE MADE BY WELDERS WHO HAVE BEEN QUALIFIED BY TESTS AS PRESCRIBED IN AWS D1.1 BY THE AMERICAN WELDING SOCIETY, TO PERFORM THE TYPE OF WORK REQUIRED.
 - WELDS SHALL BE TOUCHED UP WITH THE APPROPRIATE PAINT OR ZINC COATING.
- STRUCTURAL SCREWS SHALL BE STAINLESS STEEL SIMPSON STRONG-TIE TITEN CONCRETE SCREWS OR AN APPROVED EQUIVALENT. ALTERNATIVE MANUFACTURERS INCLUDE HILTI AND/OR POWERS.

DRAWINGS & COORDINATION

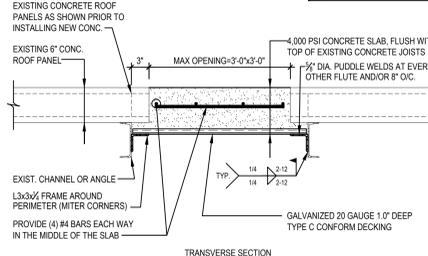
- STRUCTURAL DRAWINGS WERE BASED ON LIMITED FIELD REVIEW AND UPON THE ORIGINAL CONSTRUCTION DRAWINGS TITLED "VETERANS ADMINISTRATION HOSPITAL, DURHAM, NC 500 BED G.M. BUILDING NO. 6" DATED JULY 21, 1949.

- CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND VERIFYING ALL DIMENSIONS SHOWN ON THESE DRAWINGS WITH ACTUAL FIELD CONDITIONS. DIMENSIONS ARE SHOWN FOR ESTIMATING PURPOSES.
- ANY, IN THE OPINION OF THE CONTRACTOR, APPARENT DEFICIENCIES, OMISSIONS, CONTRADICTIONS, OR AMBIGUITIES IN THE PLANS OR NOTES, SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER. CORRECTIONS OR WRITTEN INTERPRETATIONS SHALL BE ISSUED BEFORE CONSTRUCTION OF THE AFFECTED WORK MAY PROCEED.
- TYPICAL DETAILS ARE NOT NECESSARILY CALLED OUT ON THE PLANS AT ALL LOCATIONS WHERE THEY APPLY. "TYPICAL DETAILS" APPLY AT ALL SIMILAR CONDITIONS.

CONSTRUCTION

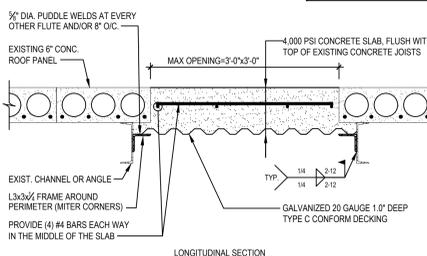
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PROTECTION OF PERSONS AND PROPERTY EITHER ON OR ADJACENT TO THE PROJECT AND SHALL PROTECT SAME AGAINST INJURY, DAMAGE, OR LOSS.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL SAFETY REGULATIONS, PROGRAMS, AND PRECAUTIONS RELATED TO ALL WORK ON THIS PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION AND ERECTION OF STRUCTURAL MATERIALS IN ACCORDANCE WITH THE DRAWINGS AND NOTES.
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO ORDERING MATERIALS. THE CONTRACTOR SHALL INFORM THE DESIGNER IN WRITING ABOUT ANY ACTUAL OR POTENTIAL CONFLICTS PRIOR TO PROCEEDING.
- THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION, AND ANY TEMPORARY BRACING OR SUPPORT REQUIRED TO ACCOMMODATE THE CONTRACTOR'S MEANS AND METHODS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED ON NEW AND/OR EXISTING STRUCTURES. SUCH LOADS SHALL NOT EXCEED THE CAPACITY OF THE STRUCTURE AT ANY TIME.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING, FURNISHING, ERECTING, AND REMOVING ANY SHORING AND BRACING REQUIRED DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE AND CONFIRM ALL TEMPORARY SHORING WITH THE OWNER PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL INFORM THE DESIGNER, IN WRITING, OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS. CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY FOR SUCH DEVIATION BY VIRTUE OF THE DESIGNER'S REVIEW OF SHOP DRAWINGS, PRODUCT DATA, ETC. UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE DESIGNER OF SUCH DEVIATION AT TIME OF SUBMISSION, AND THE DESIGNER HAS GIVEN WRITTEN APPROVAL FOR THE SPECIFIC DEVIATION.
- NO OPENING NOR ANY CHANGES IN SIZE, DIMENSION, OR LOCATION SHALL BE MADE IN ANY STRUCTURAL ELEMENTS WITHOUT WRITTEN APPROVAL OF THE DESIGNER.
- WHERE CONSTRUCTION TOLERANCES ALLOW FOR VARIATIONS IN LOCATION, SIZE, ETC. OF STRUCTURAL ELEMENTS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL MATERIALS AND LABOR NECESSARY TO MODIFY CONNECTION ELEMENTS AS REQUIRED TO PROVIDE A FINISHED PRODUCT WHICH IS IN ACCORDANCE WITH THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. ANY SUCH MODIFICATIONS REQUIRED SHALL BE REVIEWED AND APPROVED BY THE DESIGNER PRIOR TO EXECUTION. THE DESIGNER SHALL BE NOTIFIED AT THE PROPER TIME WHEN ITEMS ARE READY FOR FIELD REVIEW. SUFFICIENT NOTICE SHALL BE GIVEN TO ALLOW SCHEDULING OF THE FIELD REVIEW.

NOTE: IF EXISTING OPENINGS ARE LARGER THAN 3'-0" BY 3'-0" CONTACT STRUCTURAL ENGINEER OF RECORD (SEOR)

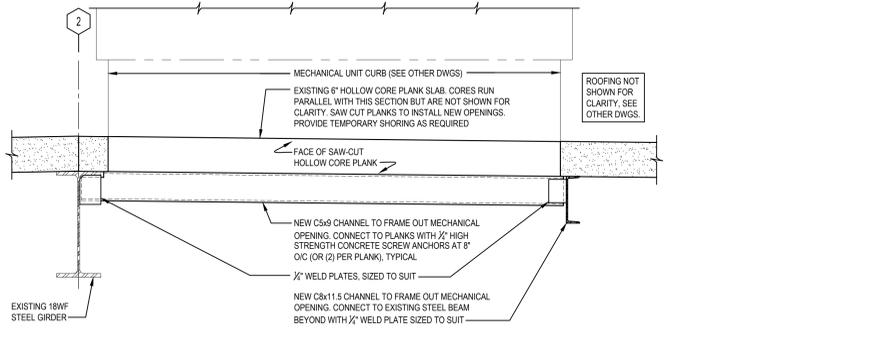


5 TYPICAL DETAIL - CLOSING EXISTING ROOF OPENING (TYPE #2)
S1.1 1" = 1'-0"
130255-52000.DWG

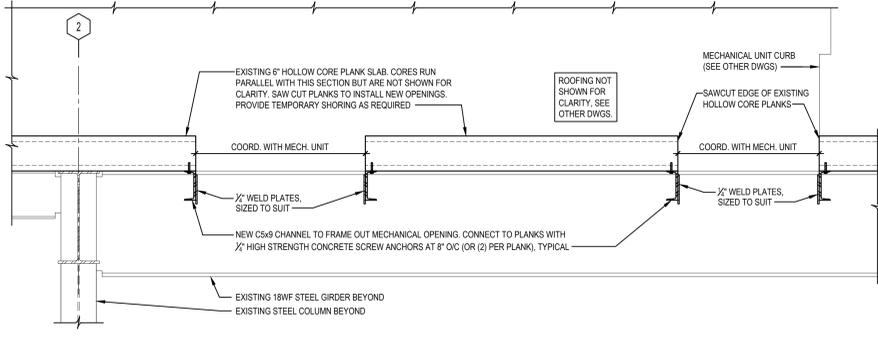
NOTE: IF EXISTING OPENINGS ARE LARGER THAN 3'-0" BY 3'-0" CONTACT STRUCTURAL ENGINEER OF RECORD (SEOR)



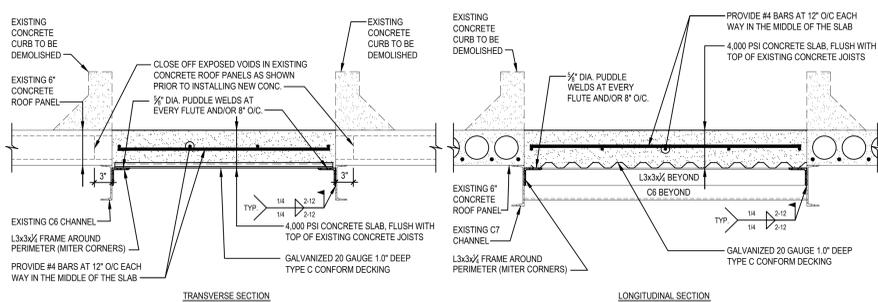
6 TYPICAL DETAIL - CLOSING EXISTING ROOF OPENING (TYPE #3)
S1.1 1" = 1'-0"
130255-52000.DWG



1 SECTION
S1.1 1" = 1'-0"
130255-52000.DWG

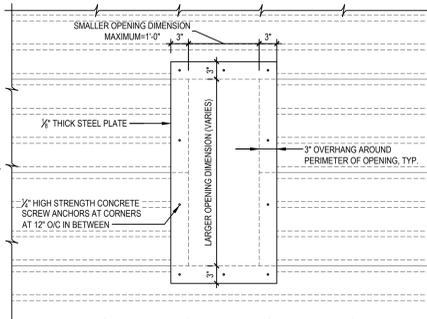


2 SECTION
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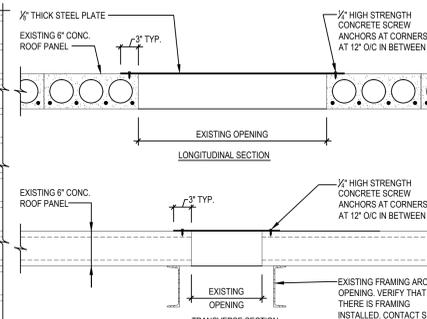


3 TYPICAL DETAIL - CLOSING EXISTING ROOF OPENING (TYPE #1)
S1.1 1" = 1'-0"
130255-52000.DWG

4 TYPICAL DETAIL - CLOSING EXISTING ROOF OPENING (TYPE #1)
S1.1 1" = 1'-0"
130255-52000.DWG



7 TYPICAL DETAIL - CLOSING EXISTING ROOF OPENING (TYPE #3)
S1.1 1" = 1'-0"
130255-52000.DWG



8 TYPICAL DETAIL - CLOSING EXISTING ROOF OPENING (TYPE #3)
S1.1 1" = 1'-0"
130255-52000.DWG

CONSTRUCTION DOCUMENTS

Mark	Date	Revision

SKA
CONSULTING ENGINEERS, INC.
300 Pomroy Drive
Greensboro, NC 27407-1620
P: 336.855.0993 F: 336.855.6066
www.ska-engineers.com
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REGISTERED PROFESSIONAL ENGINEER
STATE OF NORTH CAROLINA
No. 15771
10/17/2013

RGG Architects
RGG Architects, PLLC
1002 Broad Street
Durham, North Carolina
27705
919.286.5700
www.rggarchitects.com

REV.	DATE	DESCRIPTION

RECOMMENDED APPROVAL

Requestor:	Date:	Chief of Staff:	Date:
Chief of Service:	Date:	Asst. Mgr. Ctr. Dir.:	Date:

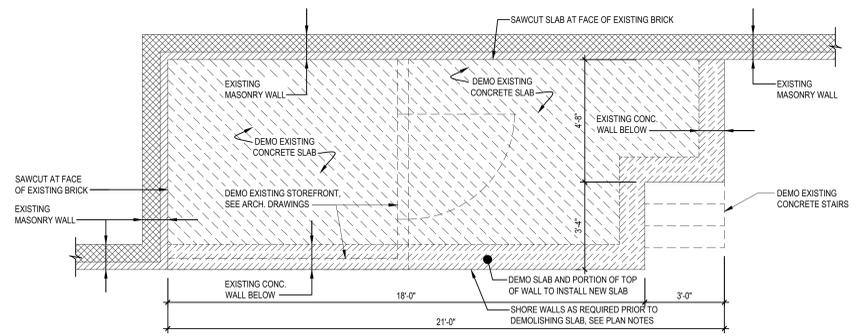
APPROVED BY: MEDICAL CENTER DIRECTOR

Project Title:	RENOVATE BUILDING 6 FOR RESEARCH AND ANCILLARY SUPPORT
Building No.:	6
Designed By:	NJL
Drawn By:	NJL
Checked By:	ECC

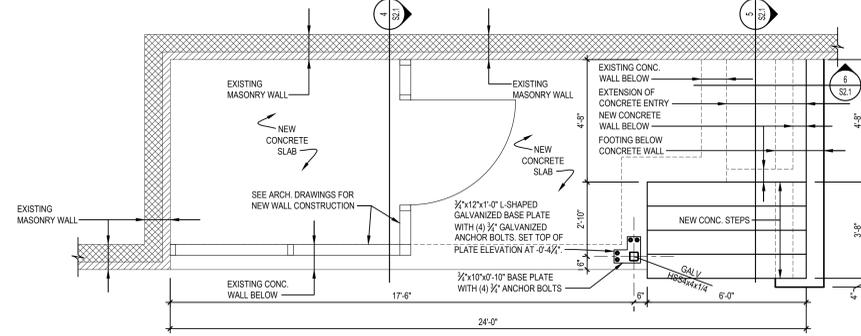
Date:	10-11-2013
Project No.:	558-15-101
Project Drawing No.:	
DRAWING NO.	S1.1
Location:	VIA Medical Center Durham, NC

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Sheet	of

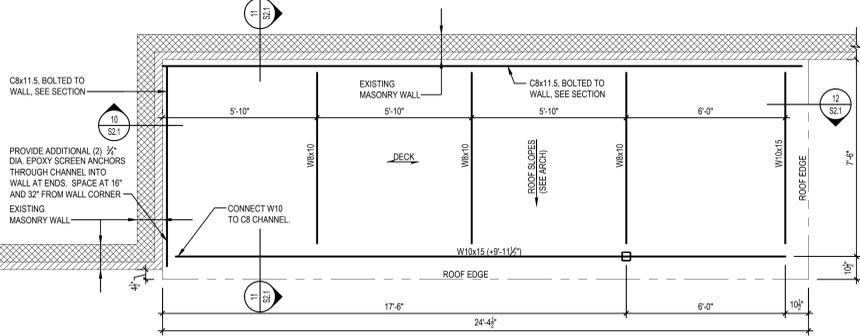




1 PARTIAL PLAN - EXISTING/DEMOLITION AT EAST ENTRY
 S2.1 3/8" = 1'-0"
 Dwg # 130255-53001.DWG



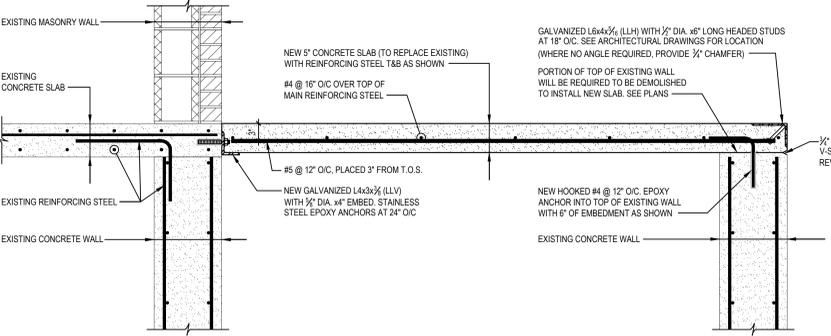
2 PARTIAL PLAN - FOUNDATION AT EAST ENTRY
 S2.1 3/8" = 1'-0"
 Dwg # 130255-53001.DWG



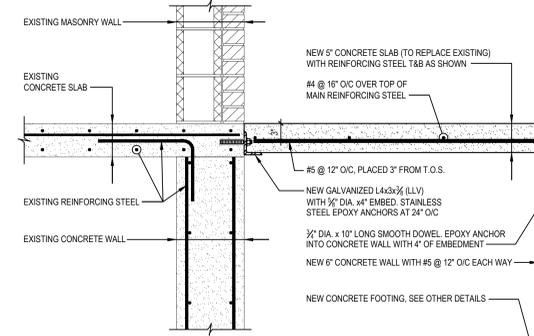
3 PARTIAL PLAN - ROOF FRAMING AT EAST ENTRY
 S2.1 3/8" = 1'-0"
 Dwg # 130255-53002.DWG

EAST & WEST ENTRY PLAN NOTES

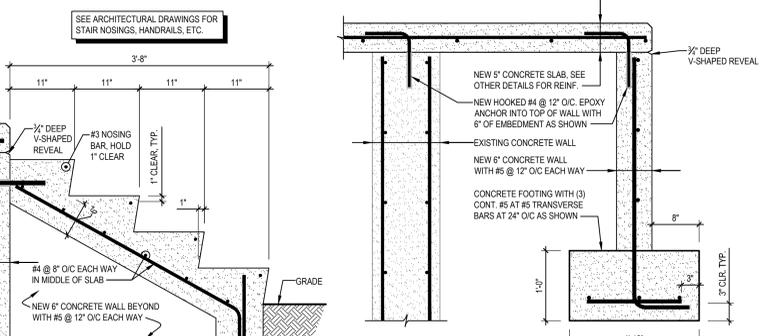
- ALL DIMENSIONS WERE TAKEN FROM EXISTING DRAWINGS AND LIMITED FIELD REVIEW. CONTRACTOR TO VERIFY AND COORDINATE ALL DIMENSIONS PRIOR TO PROCEEDING WITH CONSTRUCTION.
- CONTRACTOR TO PROVIDE SHORING AS REQUIRED TO BRACE TOP OF EXISTING CONCRETE WALLS PRIOR TO REMOVING AND REPLACING EXISTING CONCRETE SLABS.
- METAL DECKING SHALL BE 20 GAUGE, 1.5" DEEP, TYPE B, G90 GALVANIZED, WIDE RIB DECKING. DECKING SHALL BE ATTACHED TO SUPPORTING STEEL WITH A 3/8"x3/8" PATTERN. SUPPORT FASTENERS SHALL BE 1/2" DIA. RIVBOLTS, TOUCHED UP WITH A COLD GALVANIZING SPRAY. SIDELAP FASTENERS SHALL BE GALVANIZED #10 SCREWS.
- ROOF WAS DESIGNED FOR 10 PSF DEAD LOAD AND 20 PSF ROOF LIVE LOAD PER 2012 NCSBC.
- EPOXY ADHESIVE INTO CONCRETE SHALL BE POWERS PE 1000+, HILTI RE 500 SD, SIMPSON SET XP, OR AN APPROVED EQUIVALENT. ALL STEEL ANCHORS SHALL BE COMPATIBLE WITH EPOXY ADHESIVE THAT IS USED.
- EPOXY ADHESIVE INTO MASONRY SHALL BE HILTI HY 70 OR AN APPROVED EQUIVALENT. ALL STEEL ANCHORS SHALL BE COMPATIBLE AND INSTALLED IN SCREENS AS RECOMMENDED BY THE MANUFACTURER.



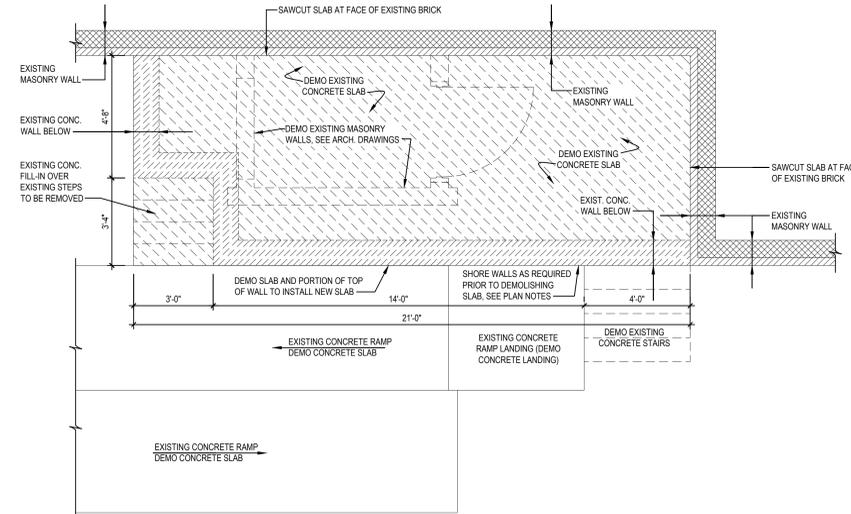
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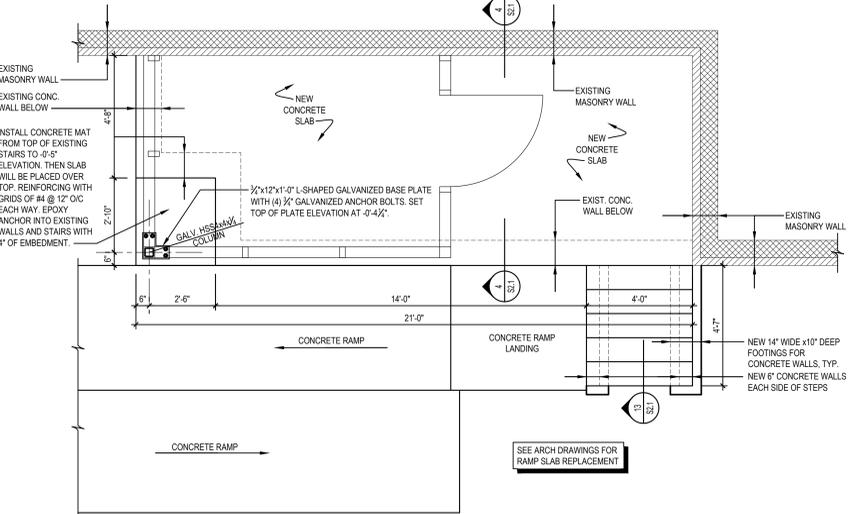
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 Dwg # 130255-53001.DWG



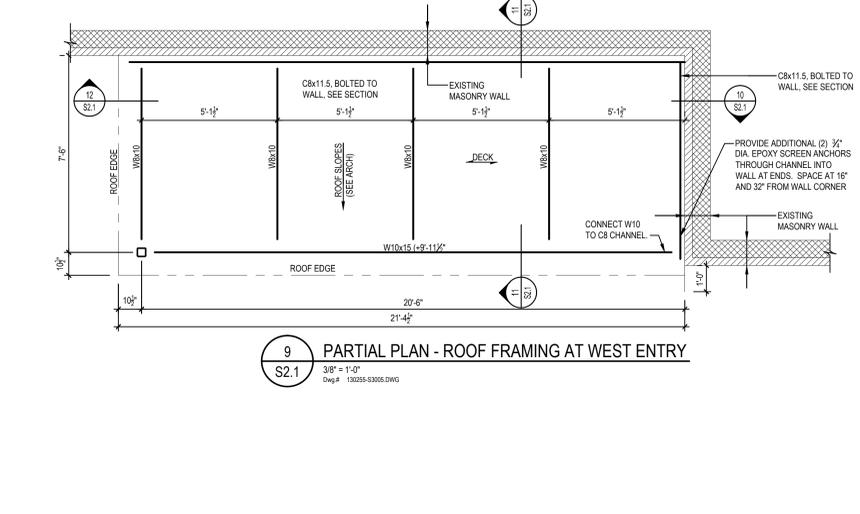
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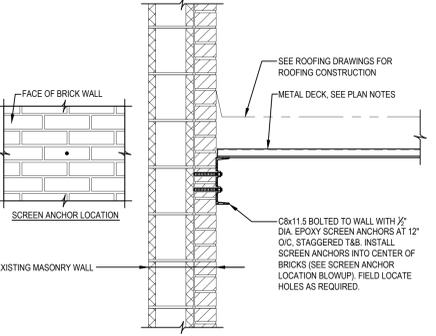
7 PARTIAL PLAN - EXISTING/DEMOLITION AT WEST ENTRY
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 Dwg # 130255-53003.DWG



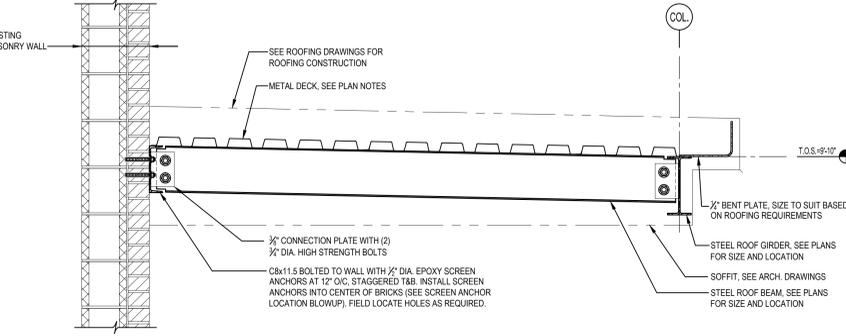
8 PARTIAL PLAN - FOUNDATION AT WEST ENTRY
 S2.1 3/8" = 1'-0"
 Dwg # 130255-53004.DWG



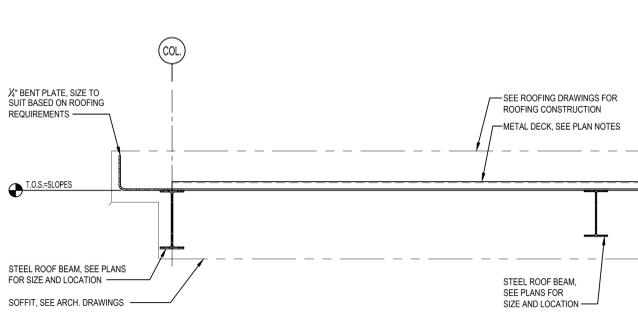
9 PARTIAL PLAN - ROOF FRAMING AT WEST ENTRY
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 Dwg # 130255-53005.DWG



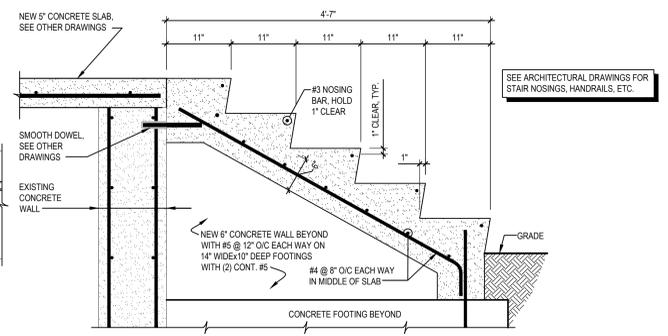
10 SECTION
 S2.1 1" = 1'-0"
 Dwg # 130255-57009.DWG



11 SECTION
 S2.1 1" = 1'-0"
 Dwg # 130255-57005.DWG



12 SECTION
 S2.1 1" = 1'-0"
 Dwg # 130255-57007.DWG



13 SECTION
 S2.1 1" = 1'-0"
 Dwg # 130255-56003.DWG

CONSTRUCTION DOCUMENTS
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Mark	Date	Revision

SKA
 CONSULTING ENGINEERS, INC.
 300 Pomroy Drive
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RGG Architects
 RGG Architects, PLLC
 1002 Broad Street
 Durham, North Carolina 27705
 919.286.5700
 www.rggarchitects.com

REV.	DATE	DESCRIPTION

RECOMMENDED APPROVAL

Requestor:	Date:	Chief of Staff:	Date:
Chief of Service:	Date:	Asst. Med. Ctr. Dir.:	Date:

APPROVED BY: MEDICAL CENTER DIRECTOR

Project Title:	RENOVATE BUILDING 6 FOR RESEARCH AND ANCILLARY SUPPORT
Building No.:	6
Designed By:	NJL
Drawn By:	NJL
Checked By:	ECC
Location:	VIA Medical Center Durham, NC

Date:	10-11-2013
Project No.:	556-13-101
Project Drawing No.:	
DRAWING NO.	S2.1
Sheet	2 of 2

