

PARTIAL ROOF REPLACEMENT & REPAIRS AT GRAFTON HIGH SCHOOL & MIDDLE SCHOOL

GRAFTON, VIRGINIA

YORK COUNTY SCHOOL DIVISION

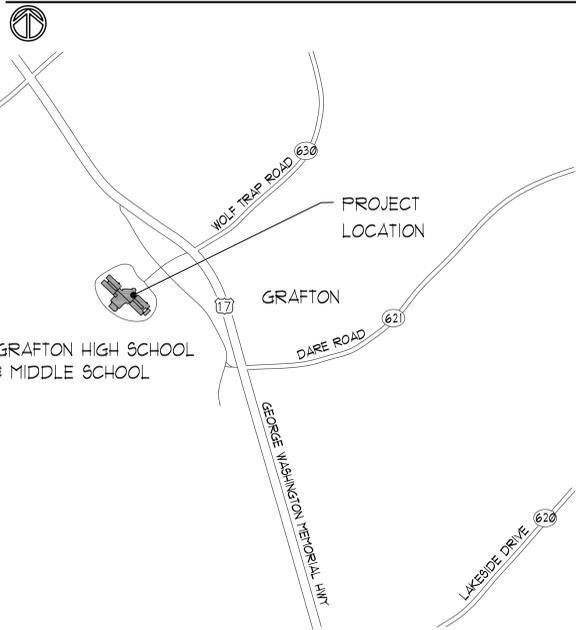
APRIL 13, 2015



VICINITY MAP



LOCATION MAP



GENERAL NOTES

- THIS PROJECT CONSISTS OF THE PARTIAL REMOVAL AND REPLACEMENT OF A TOTAL OF APPROXIMATELY 11,200 SF OF 3 PLY BUR W/ MODIFIED BITUMEN CAP SHEET ROOF SYSTEM AND INSULATION FIVE SEPARATE ROOF AREAS AT THE SCHOOL. THE REPLACEMENT ROOF SYSTEM WILL BE A TWO PLY MODIFIED BITUMEN SYSTEM SET IN COLD ADHESIVE WITH HEAT WELDED SEAMS. ADDITIONALLY, THE PROJECT REPLACES 45 SF OF ROLLED ROOFING ROOF SYSTEM AT TWO CANOPY ROOFS OVER THE MAIN ENTRIES. THIS WILL INCLUDE THE REMOVAL OF A SUPPORTING WOOD SUB-STRUCTURE AS WELL. LASTLY, THE TOWER AT THE EACH ENTRY WILL RECEIVE 150 SF OF NEW STANDING SEAM METAL ROOF OVER NEW COLD FORMED METAL STRUCTURE. NEW COPING AND EDGE METAL WILL BE INSTALLED AT THE AREAS OF ROOF REPLACEMENT. THERE IS ONE BID OPTION FOR THIS PROJECT CONSISTING OF THE REPLACEMENT OF AN EXISTING MASONRY AND STEEL BEAM OVER EACH MAIN ENTRY WITH A NEW COMPOSITE METAL PANEL SYSTEM OVER COLD FORMED METAL FRAMING. THE EXISTING STEEL STRUCTURE FROM THE OLD BEAM WILL BE REUSED IN THE NEW DESIGN.
- METAL DECK TO REMAIN THAT IS EXPOSED SHALL BE PAINTED WITH "OSPHO" RUST CONVERSION PRIMER, PRIOR TO INSTALLING BASE LAYER OF RIGID INSULATION.
- IT IS UNDERSTOOD AND AGREED THAT THE BIDDER OR THE CONTRACTOR WILL NOT USE ANY OF THE INFORMATION MADE AVAILABLE TO THEM OR OBTAINED IN ANY EXAMINATION MADE BY THEM AS A BASIS OR GROUNDS FOR CLAIM OR DEMAND OF ANY NATURE AGAINST THE OWNER OR THE ARCHITECT, ARISING FROM OR BY REASON OF ANY VARIANCE WHICH MAY EXIST BETWEEN THE INFORMATION OFFERED AND THE ACTUAL MATERIALS OR STRUCTURES ENCOUNTERED DURING THE CONSTRUCTION WORK EXCEPT AS MAY OTHERWISE BE PROVIDED IN THE CONTRACT DOCUMENTS.
- THE ORIGINAL CONSTRUCTION DRAWINGS AND FIELD INVESTIGATION WERE USED TO DEVELOP THE DETAILS OF THE PROJECT. SOME CONDITIONS WERE NOT ACCESSIBLE AND THEREFORE ASSUMPTIONS, BASED UPON THE BEST INFORMATION AVAILABLE WERE USED. IF EXISTING CONDITIONS VARY FROM THE CONSTRUCTION SHOWN NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SO ALTERNATIVES CAN BE CONSIDERED.
- ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES.
- TYPICAL DETAILS AND GENERAL NOTES APPLY TO ALL PARTS OF THE WORK EXCEPT WHERE SPECIFICALLY NOTED OR DETAILED OTHERWISE.
- WHERE DETAILS ARE NOTED "SIMILAR" THIS SHALL MEAN THE CONDITION IS GENERALLY THE SAME AS THE REFERENCED DETAIL BUT MAY HAVE SOME ELEMENTS IMPLICIT BY ITS LOCATION OR VIEW THAT ARE DIFFERENT.
- COLOR & MATERIAL SELECTIONS SHALL BE MADE FROM THE MANUFACTURER'S FULL RANGE OF COLORS, TEXTURES, PATTERNS & MATERIALS.
- THE CONTRACTOR IS TO MAINTAIN THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING AT ALL TIMES. AT NO TIME IS THE REMOVAL OR DEMOLITION OF STRUCTURAL ELEMENTS TO OCCUR WITHOUT THE APPROVAL OF THE OWNER'S REPRESENTATIVE.
- CONFIGURATION OF ROOF MATERIALS SHOWN IN THE DETAILS ARE SUBJECT TO THE ROOF MANUFACTURER'S REQUIREMENTS FOR WARRANTY COVERAGE. THE CONTRACTOR SHALL SUBMIT MANUFACTURER'S DETAILS WHICH DIFFER FROM THE CONTRACT DOCUMENTS FOR REVIEW BY THE ARCHITECT. DEVIATIONS, AT THE ARCHITECT'S DISCRETION, MAY BE GROUNDS FOR REJECTION OF THE PROPOSED SYSTEM, & APPROVED.
- ALL ROOF COMPONENTS SHALL PERFORM SO THE OVERALL ROOF SYSTEM COMPLIES WITH THE ANSI / SPRI WIND LOADING REQUIREMENTS SHOWN IN THE SPECIFICATION.
- DO NOT SCALE THESE DRAWINGS. CALL ANY DISCREPANCIES IN DIMENSIONS TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING.
- OVERALL DIMENSIONS SHOWN ON THE ROOF PLANS ARE APPROXIMATE AND INTENDED TO GIVE THE CONTRACTOR AN IDEA OF THE SCOPE OF THE WORK INVOLVED. DETERMINING EXACT DIMENSIONS IS THE CONTRACTOR'S RESPONSIBILITY. IN THE EVENT OF INCONSISTENCIES BETWEEN THE CONSTRUCTION DRAWINGS AND SPECIFICATIONS OR WITH IN BOTH, THE BETTER QUALITY, LARGER QUANTITY OR MOST EXPENSIVE MATERIAL SHALL BE PROVIDED IN ACCORDANCE WITH THE OWNER'S REPRESENTATIVE'S INTERPRETATION.
- THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL EXAMINE THE CONTRACT DOCUMENTS THOROUGHLY BEFORE COMMENCEMENT OF WORK AND COORDINATE AND SCHEDULE WITH EACH OTHER ACCORDINGLY. ANY CONFLICTS OR INTERPRETATIONS WILL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE AND RESOLVED BEFORE PROCEEDING. FAILURE TO PERFORM THIS COORDINATION WILL NOT EXCUSE LATER CONFLICTS.
- PROVIDE JOINT COVER PLATES BEDDED IN SEALANT AT ALL EXPANSION JOINTS FLASHING RUNNING JOINTS.
- WHERE FLEXIBLE/LIQUID FLASHING SYSTEM IS SHOWN, EMBED GRANULES IN FINAL COAT OF SEALANT.
- THE LIQUID FLASHING SYSTEM SHALL CONSIST, AT A MINIMUM, OF AN ASPHALT/URETHANE BASED OR POLYURETHANE BASED CEMENT AND STITCH BONDED POLYESTER SCRM, SIMILAR TO THE "PERMAFLASH" SYSTEM BY JOHNS MANVILLE.
- ALL RUNNING FLASHINGS, I.E., EXPANSION JOINTS, COPINGS, ETC. SHALL HAVE WELDED TERMINATION FLANGES WHERE THEY MEET HIGH WALLS OR END CAPS AT THE OPEN ENDS OF RUNS.
- TERMINATE DOWNSPOUTS WITHIN 8', TO THE BOTTOM OF THE OUTLET, OF THE GROUND OR LOWER ROOF SURFACE. PROVIDE 45 DEGREE CHANGE OF DIRECTION AT THE BOTTOM OF DOWNSPOUTS. PROVIDE A POURED 4-INCH CONCRETE SLAB (2'-0"X3'-0") BENEATH THE OUT FALL OF ALL DOWNSPOUTS AT GRADE UN. SLAB SHALL BE PLACED SO THAT ITS TOP

- SURFACE IS FLUSH WITH THE ADJACENT GRADE AND SLOPES AWAY FROM THE BUILDING. PROVIDE SPLASH BLOCKS AT THE ROOF SURFACE AS SPECIFIED. PROVIDE CAST ALUMINUM BOOTS, AS SHOWN, FOR ALL DOWNSPOUTS THAT TERMINATE AT GRADE. TOPS OF ALL FULL EXPANSION JOINTS SHOULD ALIGN ALONG THEIR LENGTHS & ACROSS THEIR WIDTH. THIS WILL REQUIRE THE TAPERING OF SOME OF THE CURBS.
- ALL WOOD BLOCKING SHOWN ON DETAILS SHALL BE TREATED.
- WOOD PRESERVATIVE-TREATED LUMBER SHALL BE PROCESSED PER AWPA C2. THE PRESERVATIVE CHEMICALS SHALL NOT CONTAIN ARSENIC, COPPER OR CHROMIUM. KILN-DRY THE LUMBER AFTER TREATMENT TO A MAXIMUM MOISTURE CONTENT OF 19 PERCENT.
- WOOD BLOCKING SHOWN ON DETAILS WITH A "C" SHALL BE CUT FROM THE DIMENSIONAL SIZE INDICATED.
- ALL GYPSUM BOARD SHEATHING SHALL BE 5/8" THICK, UNLESS OTHERWISE NOTED.
- ALL WALL FRAMING SHALL BE FROM 18 GA, 3 5/8" COLD FORMED METAL STUDS AS SHOWN ON THE DRAWINGS. STUD SPACING SHALL BE 1'-4" O/C UN. PROVIDE ADDITIONAL FRAMING MEMBERS REQUIRED TO ALLOW FOR ATTACHMENT OF METAL SIDING TRIM.
- THE CONTRACTOR SHALL PROTECT THE EXISTING FACILITIES AT ALL TIMES DURING THE COURSE OF CONSTRUCTION. ANY DAMAGES CAUSED OR PATCHING NEEDED AS THE RESULT OF THEIR ACTIVITIES SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER. IN GENERAL PATCHING, REPAIR AND RENOVATION WORK IS INTENDED TO MATCH, COMPLIMENT AND ALIGN WITH THE EXISTING CONDITIONS.
- THE CONTRACTOR SHALL RESEED AND REFURBISH ANY AREAS OF THE SITE DAMAGED BY THE CONTRACTOR'S OPERATIONS. REFURBISHING SHALL INCLUDE THE FILLING OF ANY RUTS CREATED BY THE CONTRACTOR'S EQUIPMENT, AND THE REESTABLISHMENT OF GRASS IN THESE AND ANY OTHER AREAS WHERE GRASS HAS BEEN DAMAGED DURING THE COURSE OF THE WORK. AT THE CONCLUSION OF THE PROJECT, PROVIDE TOP SOIL NECESSARY TO GRADE AREAS DISTURBED BY THE WORK OF THIS CONTRACT. AMEND THE SOIL & ESTABLISH TURF IN THESE AREAS. MAINTAIN THE TURF, INCLUDING MOWING & WATERING, UNTIL FINAL COMPLETION.
- REMOVE, SALVAGE AND REINSTALL LAY-IN APC AS REQUIRED TO ACCESS THE UNDERSIDE OF THE ROOF AS PART OF INSTALLING RAIN LEADERS.
- ALL RAIN LEADER PIPING SHALL BE SCHEDULE 40 PVC IN ACCORDANCE WITH ASTM 1184, 1185 AND 2665. INSTALL PER THE MANUFACTURER'S INSTRUCTIONS.
- PROVIDE 1" THICK, PREFORMED FG PIPE INSULATION WITH AN ASJ JACKET AS MANUFACTURED BY CERTAIN TEED, JM OR OWENS CORNING.
- PROVIDE CLEVIS HANGERS AT HORIZONTAL RAIN DRAINAGE PIPING IN ACCORDANCE WITH MSS SP-58 AND SP-69. PROVIDE HANGERS SPACED IN ACCORDANCE WITH THE PIPE MANUFACTURER'S RECOMMENDED INTERVALS.
- PROVIDE UNFACED BATT INSULATION AS SHOWN BEHIND THE CURTAIN WALL.
- THE CONTRACTOR SHALL PROVIDE A WELDED COVERPLATE BETWEEN THE COPING TO REMAIN AND COPING INSTALLED IN THIS CONTRACT.
- PROVIDE WALK PADS AT THE BOTTOM AND TOP OF ALL LADDERS AND AT ALL ROOF HATCHES AND DOORS.

- ### FLASHING AND SHEET METAL NOTES
- IN GENERAL FLASHINGS ARE TO BE FROM ALUMINUM WITH A 20 YEAR FLUOROCARBON COATING.
 - FLASHINGS WITH A PAINT COATING & REQUIRING WELDING WILL BE TOUCHED UP WITH THE MANUFACTURER'S TOUCH UP PAINT. THE WELDED CONSTRUCTION HAS PRIORITY OVER THE 20 YEAR WARRANTY.
 - STAINLESS STEEL IS TO BE USED FOR LONG TERM, HARD TO REPLACE & OFTEN USED FLASHINGS. COORD W/ FLASHING SCHEDULE AND DETAILS.
 - FLASHING HOLD DOWN CLIPS SHALL BE CONTINUOUS UNLESS OTHERWISE NOTED. HOLD DOWNS SHALL BE A MINIMUM OF .050 ALUMINUM OR COLD FORMED METAL EQUIVALENT.
 - EDGE FASCIAS AND COPINGS SHALL HAVE CONTINUOUS HOLD DOWN CLEATS, UN.
 - ALL COMPRESSION (TERM) BARS SHALL BE DRILLED FOR SCREW ATTACHMENT AT 8" O/C, TYPICAL.
 - PROVIDE ALL RUNNING METAL TRIM WITH WELDED TERMINATION FLANGES AT THE END OF ALL RUNS. RUNNING SEAMS SHALL HAVE BACK-UP JOINING PLATES IN A COLOR FINISH TO MATCH THE ITEMS BEING JOINED, UN.
 - GUTTER SUPPORTS CAN BE POWDER COATED TO MATCH THE COLOR SELECTED FOR THE GUTTER. POWDER COAT FINISH SHALL BE UV RESISTANT AND HAVE THE SAME GLOSS LEVEL AND THE GUTTER.

FLASHING AND SHEET METAL SCHEDULE						
FLASHING / TRIM	MILL FINISH ALUM	FLUOROCARBON COATED ALUM	GALVANIZED STEEL	STAINLESS STEEL	LEAD	WELDED/SOLDERED END CAPS & CORNERS
COPING		0.050"				●
COPING CLEATS			16 GA			
HD CLEATS	0.050"					
REVERSE COPING		0.040"				●
SOFFIT TRIM		0.040"				
EDGE FASCIA		0.040"				●
GUTTERS		0.050"				●
GUTTER SPACERS	0.040"					
GUTTER SUPPORTS		0.125"				
SCUPPER				24 GA		●
PREFAB FASCIA		0.040"				
ROOF DRAIN FLASH					4 LBS	
VTR FLASHING					4 LBS	
DOWNSPOUTS		0.032"				
DOWNSPOUT STRAPS		0.040"				
DOOR FLASHING				24 GA		●
LADDER FLASHING	0.050"					
EXPANSION JOINT CAP		0.050"				●
REGLET				24 GA		
COUNTERFLASHING	0.040"					
MISC. FLASHINGS	0.040"					●

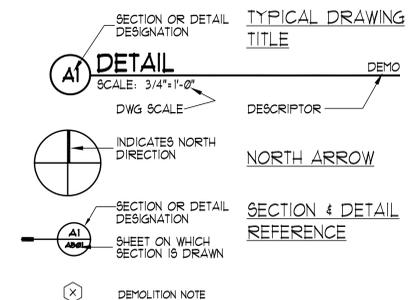
INDEX OF DRAWINGS

NO.	SHEET TITLE
G0.01	TITLE SHEET
G0.02	ABBREVIATIONS
A0.01	OVERALL ROOF PLAN
AD1.01	DEMOLITION H.S. ROOF PLAN AREA A
AD1.02	DEMOLITION ROOF PLAN AREA C & C1
AD1.03	DEMOLITION M.S. ROOF PLAN AREA D
AD4.01	ENLARGED DEMOLITION ENTRANCE ROOF PLANS AREA A & D & DEMO SECTIONS
AD5.01	DEMOLITION DETAILS
A1.01	H.S. ROOF PLAN AREA A - NEW WORK
A1.02	ROOF PLAN AREA C & C1 - NEW WORK
A1.03	M.S. ROOF PLAN AREA D - NEW WORK
A2.01	H.S. & M.S. ENTRANCE ELEVATIONS AREA A & D
A4.01	ENLARGED ENTRANCE ROOF PLANS AREA A & D & SECTIONS
A5.01	DETAILS
A5.02	DETAILS

MATERIAL LEGEND

	CONCRETE		CONTINUOUS FRAMING
	BRICK		BLOCKING/SHIM
	BLOCK		BATT INSULATION
	METAL		1/2" COVER BOARD ON POLYISOCYANURATE ROOF INSULATION
	PLYWOOD		WOOD BLOCKING CUT TO FIT FROM DIMENSIONAL LUMBER INDICATED

REFERENCE CONVENTIONS



GRAFTON HIGH SCHOOL
& MIDDLE SCHOOL
PARTIAL ROOF
REPLACEMENT & REPAIRS
403 GRAFTON DR
YORKTOWN, VIRGINIA 23692



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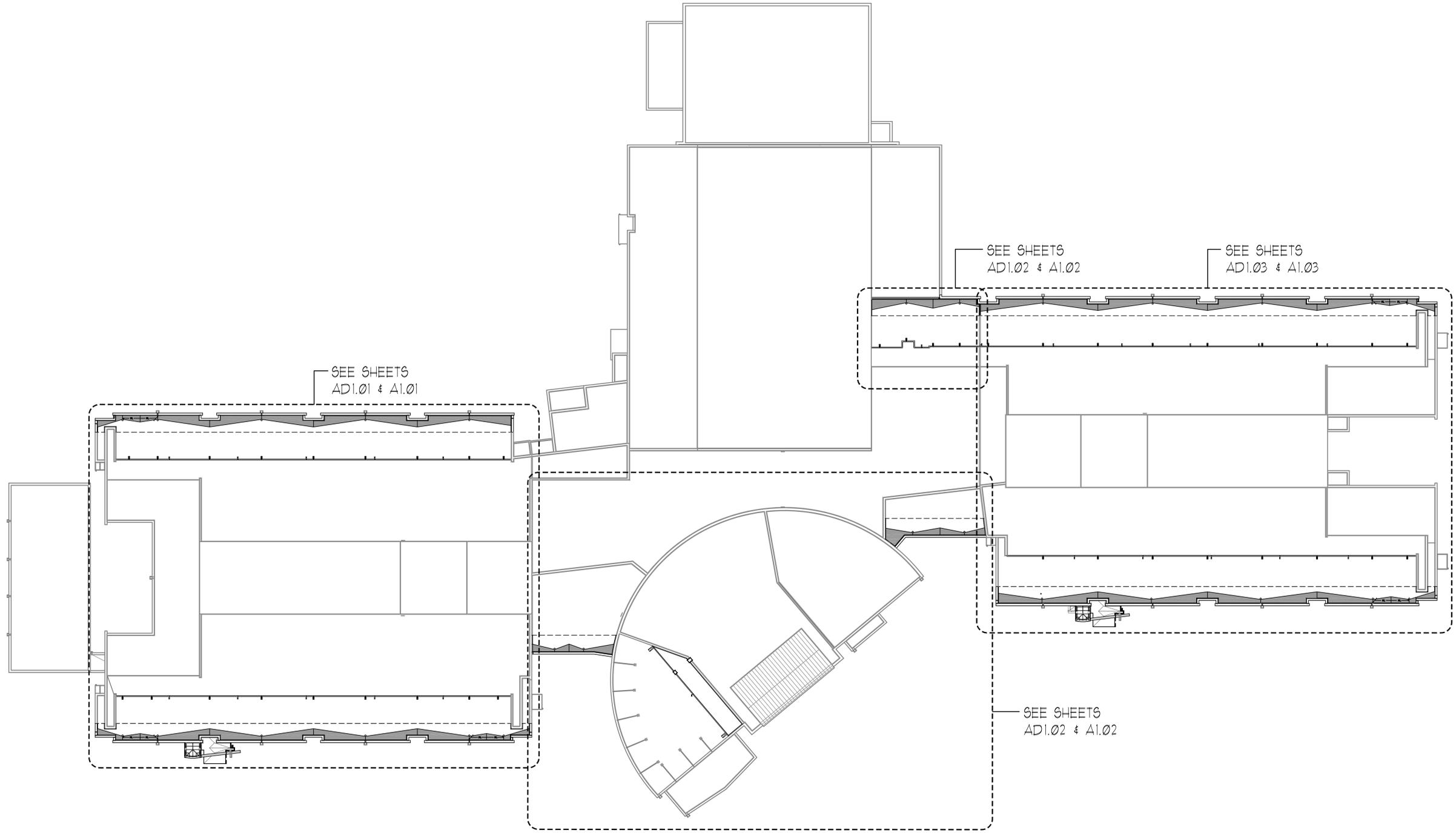
TITLE SHEET

JOB NUMBER 1420

GO.01

ARCHITECTURAL ABBREVIATIONS

A/C	AIR CONDITIONING	BUR	BUILT-UP ROOFING	DEG	DEGREE	FLT GL	FLOAT GLASS	LT GA	LIGHT GAUGE	POLY	POLYETHYLENE (PLASTIC)	SS	STAINLESS STEEL, STANDING BEAM (ROOF)
A/C UNIT	AIR CONDITIONING UNIT	BW	BOTH WAYS	DEG C	DEGREES CELSIUS	FLOOR	FLOORING	PORT	PORTABLE	SSP	STAINLESS STEEL PIPE	SSP	SOLID SURFACE MATERIAL
A/E	ARCHITECT/ENGINEER	C	CHANNEL	DEG F	DEGREES FAHRENHEIT	FLUT	FLUTED	PP	PORTLAND CEMENT	SSP	STAINLESS STEEL	SSP	SOLID SURFACE MATERIAL
AB	ANCHOR BOLT	C CONC	CAST CONCRETE	DEL	DELETE	FLUT CPU	FLUTED CONCRETE MASONRY UNIT	PP	PUSH/PULL	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ABANDON	C LABEL	C DOOR	CLASS C DOOR	DEMO	DEMOLITION	FLAT METAL PANEL	FLAT METAL PANEL	PP FL	PUSH/PULL PLATE	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ABBY	ABBREVIATION	C TO C	CENTER TO CENTER	DENS	DENSITY	FN	FENCE	PPGL	POLISHED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ABNL	ABNORMAL	CBTR	CURB AND GUTTER	DEPT	DEPARTMENT	FOUNT	FOUNTAIN	FR	FIRE RATING, FIRE RESISTANT	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ABRY	ABRASIVE	CAS	CASE	DEPT	DESCRIPTION	FR	FIRE PROTECTION, FIRE PROOF, FLAGPOLE	FR	FIRE RATED ASSEMBLY	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ABR RES	ABRASIVE RESISTANT	CIP	CARPET AND PAD	DESCR	DESCRIPTION	FR	FIRE RATED ASSEMBLY	FR	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ABS	ABSOLUTE	CAB	CABINET	DESCR	DESCRIPTION	FR	FIRE RATED ASSEMBLY	FR	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ABSORB	ABSORPTION	CAN	CANOPY	DET	DETAIL	FR	FIRE RATED ASSEMBLY	FR	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ABV	ABOVE	CANTIL	CANTILEVER	DEIN	DETENTION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ACC	ACCESSIBLE	CAP	CAPACITY	DF	DRINKING FOUNTAIN	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ACI	AMERICAN CONCRETE INSTITUTE	CATW	CATWALK	DIA	DIAGONAL, DIAGRAM	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ACID RES	ACID RESISTANT	CAV	CAVITY	DIAG	DIAGONAL, DIAGRAM	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ACOUS INSL	ACOUSTICAL INSULATION	CB	CARRIAGE BOLT, CATCH BASIN, CEMENT BASE	DIFF	DIFFERENCE	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ACOUS PNL	ACOUSTICAL PANEL	CCB	CENTINIOUS (BACKER) BOARD	DIFF	DIFFERENCE	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ACR	ASPHALTIC CONCRETE PAVING	CCD	CONTRACT CHANGE DIRECTIVE	DIFF	DIFFERENCE	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ACR RES	ACID RESISTANT	CCW	COUNTERCLOCKWISE	DIR	DIRECTION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AC2 DR	ACCESS DOOR	CD	CONSTRUCTION DOCUMENTS	DIR	DIRECTION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AC2 FLR	ACCESS FLOOR	CD	CONTRACT DOCUMENTS	DIST	DISTANCE	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AC2 PNL	ACCESS PANEL	CE1	CENT	DISTR PNL	DISTRIBUTION PANEL	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ACT	ACOUSTIC	CE1 FN	CENT FINISH	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ACT	ACOUSTICAL CEILING TILE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AD	AREA DRAIN	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ADA	AMERICANS WITH DISABILITIES ACT	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ADD	ADDITIONAL	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ADDM	ADDITIONAL MASONRY	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ADH	ADHESIVE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ADJ	ADJACENT, ADJOINING, ADJUSTABLE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ADMN	ADMINISTRATION	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ADS	AUTOMATIC DOOR SEAL	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AF	ABOVE FINISHED COUNTER	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AF	ABOVE FINISHED FLOOR	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AF	ABOVE FINISHED GRADE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AF	ABOVE FINISHED SLAB	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AF	ABOVE FINISHED GRADE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AGSR	AGGRESSIVE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AHJ	AUTHORITY HAVING JURISDICTION	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AHJ	AIR HANDLING UNIT	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ALLOW	ALLOWANCE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ALT	ALTERNATE, ALTITUDE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ALT NO	ALTERNATE NUMBER	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ALTRN	ALTERNATION	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ALUM	ALUMINUM	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AMB	AMBULANCE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AMT	AMOUNT	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ANCH	ANCHOR	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ANG BT	ANGLE BEAM	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ANGD	ANGLED	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ANT	ANTENNA	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
APC	ACOUSTICAL PANEL CEILING	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
APP	APPEARANCE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
APPD	APPROVED	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
APPROX	APPROXIMATE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
APFX	APPENDIX	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AR	AS REQUIRED	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ARCH	ARCHITECT	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ART	ARCHITECTURAL FINISH	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ART	ARTICLE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AB	ASBESTOS	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AKLR	AUTOMATIC SPRINKLER	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ASPH	ASPHALT	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ASR	AUTOMATIC SPRINKLER RISER	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ASB	ASBESTOS	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ASBY	ASSEMBLY	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ASWG	ASTM WIRE GAUGE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ASYM	ASYMMETRICAL	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ATC	ACOUSTICAL TILE CEILING	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ATCH	ATTACHED	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ATM	AUTOMATIC TELLER MACHINE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
ATN	ATTENTION	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AUTO	AUTOMATIC	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AUX	AUXILIARY	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AV	AUDIO VISUAL	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AVE	AVENUE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AVS	AVERAGE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AW	ACTUAL WEIGHT, ARCHITECTURAL WOODWORK	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AW	ARCHITECTURAL WOODWORK	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AWN WDW	AWNING WINDOW	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
AWT	ACOUSTICAL WALL TREATMENT	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
B C	BROOM CLOSET	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
B LABEL	CLASS B DOOR	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
B PL	BASE PLATE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
BAB	GRADE B OR BETTER (LUMBER)	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
BAB	BACK TO BACK	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
BH	BOARD MEASURE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
BAG	BAFFLE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
BAL	BALANCE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
BALC	BALCONY	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
BATT	BATTEN	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
BAT	BATTERY	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
BAY WDW	BAY WINDOW DOUBLE HUNG	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
BC	BETWEEN CENTERS, BASE CABINET, BRICK COURSE	CEM PLAS	CEMENT PLASTER	DIV	DIVISION	FRG	FIRE RATED GLASS	FRG	FIRE RATED GLASS	SSP	STAINLESS STEEL	SSP	STAINLESS STEEL
BC	BLOCK, BOTTOM CH												



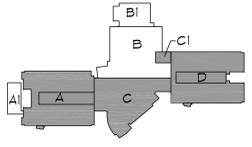
OVERALL ROOF PLAN
 SCALE: 1" = 25'

□ □ □
 GRAFTON HIGH SCHOOL
 & MIDDLE SCHOOL
 PARTIAL ROOF
 REPLACEMENT & REPAIRS
 403 GRAFTON DR
 YORKTOWN, VIRGINIA 23692

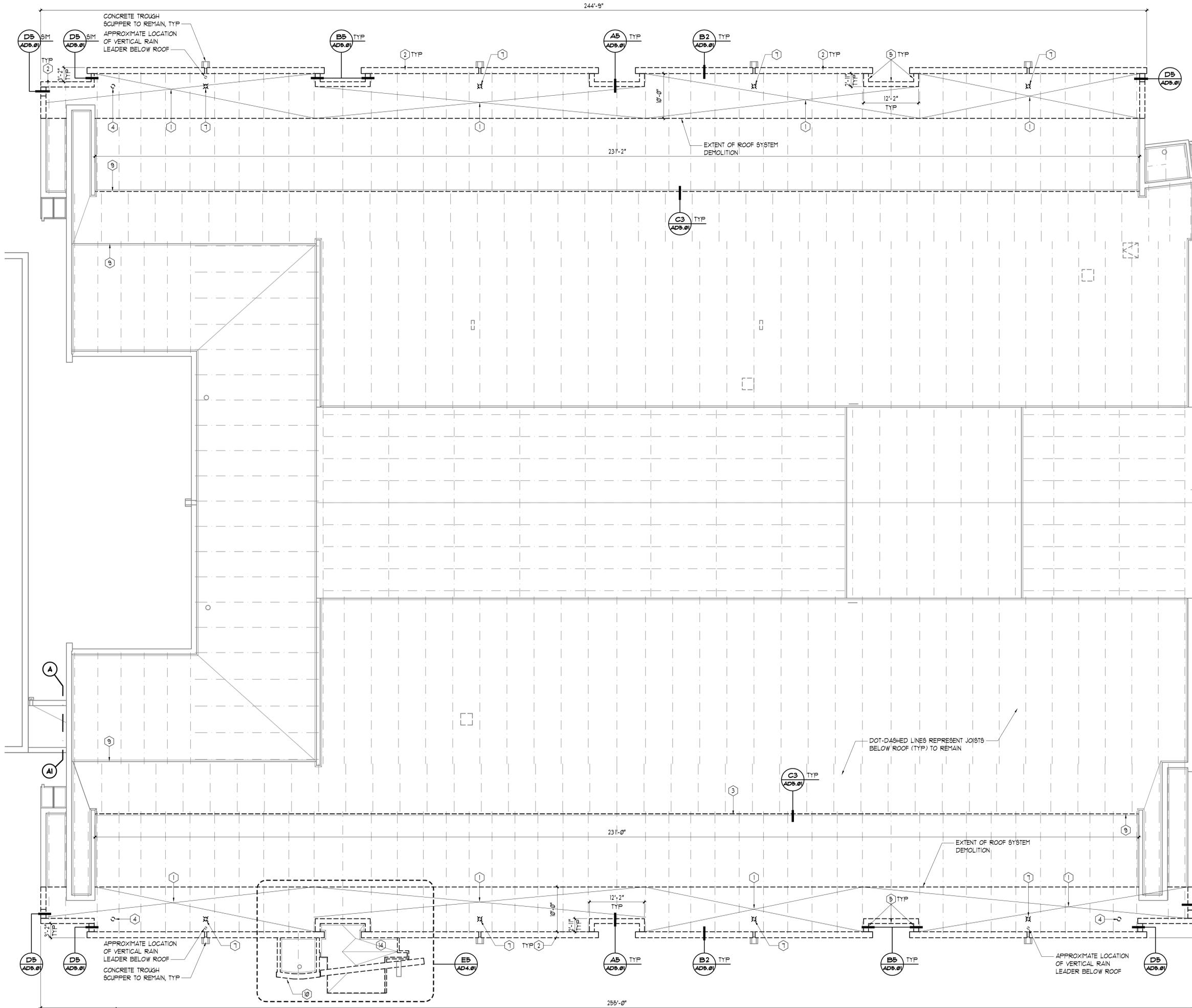
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APRIL 13, 2015
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⊕ KEY PLAN
 □ □ □
 OVERALL ROOF
 PLAN



ROOF DEMO LEGEND

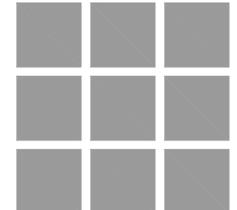
- (X) DEMOLITION NOTE
- ROOF JOIST BELOW ROOF TO REMAIN
- X REMOVE ROOF DRAIN, STRAINER & CLAMPING RING & SALVAGE
- ITEM TO BE REMOVED, COORD. W/ DEMO NOTES & DETAILS
- ITEM TO REMAIN

GENERAL DEMO NOTES:

1. IN GENERAL, ITEMS SHOWN DASHED ARE TO BE REMOVED. COORDINATE WITH DEMOLITION PLAN LEGEND AND NOTES.
2. DEMOLITION NOTES DIRECTED TO AN "X" ACROSS AN AREA INDICATES THE NOTE APPLIES TO THE AREA DESCRIBED BY THE "X".
3. PROTECT ALL MATERIALS & EQUIPMENT TO REMAIN THROUGHOUT THE CONSTRUCTION PROCESS. DAMAGE TO THESE ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR. REPAIRS OR REPLACEMENTS SHALL BE DONE AT NO EXPENSE TO THE OWNER.

ROOF DEMO NOTES:

1. REMOVE ROOFING & INSULATION DOWN TO METAL DECK TO REMAIN. REMOVE METAL COPING & CLEATS. SEE DETAIL B2/AD5.01
2. CUT BACK ROOF PLY & REMOVE METAL EDGE FASCIA. SEE DETAIL C3/AD5.01
3. CUT HOLE IN METAL DECK FOR NEW ROOF DRAIN.
4. REMOVE EDGE FASCIA.
5. REMOVE SINGLE PLY ROOF.
6. INSULATION & WOOD STRUCTURE DOWN TO METAL DECK TO REMAIN. REMOVE STRAINER & CLAMPING RING FROM DRAIN AND SALVAGE FOR REINSTALLATION.
7. REMOVE SCUPPER.
8. REMOVE HATCH IN WALL & REMOVE INTERIOR LADDER.
9. REMOVE COPING.
10. REMOVE VERTICAL EXPANSION JOINT.
11. REMOVE EXPANSION JOINT FLASHING. CURB TO REMAIN.
12. REMOVE EXPANSION JOINT FLASHING & WOOD CURB.
13. REMOVE GUTTER

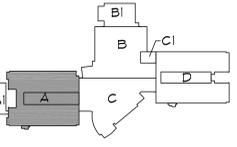


HUDSON + ASSOCIATES
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GRAFTON HIGH SCHOOL & MIDDLE SCHOOL
PARTIAL ROOF REPLACEMENT & REPAIRS
403 GRAFTON DR
YORKTOWN, VIRGINIA 23692



APRIL 13, 2015

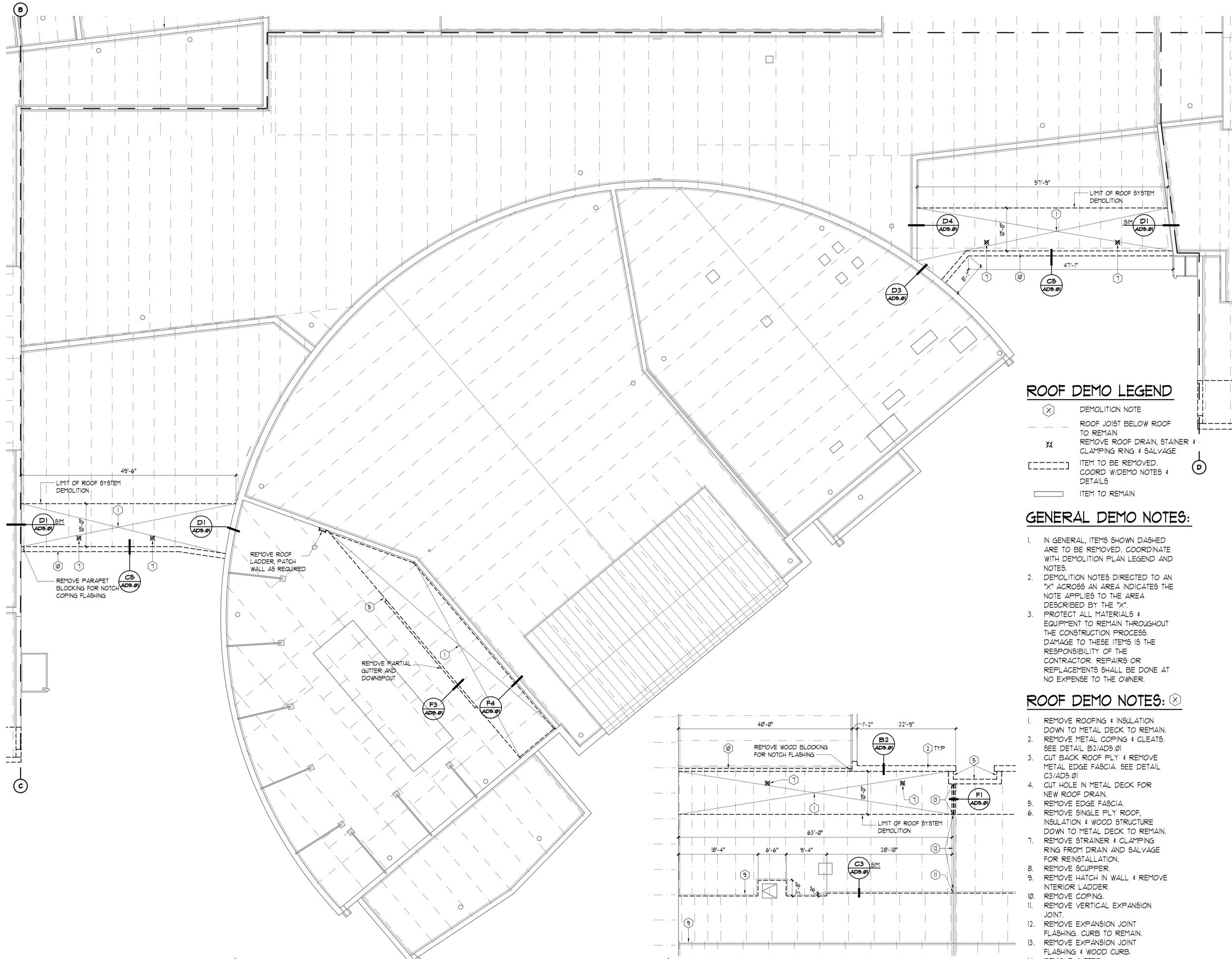


KEY PLAN
DEMOLITION H.S. ROOF PLAN AREA A

JOB NUMBER 1420

AD1.01

DEMOLITION H.S. ROOF PLAN AREA A
SCALE: 1/8" = 1'-0"



ROOF DEMO LEGEND

- (X) DEMOLITION NOTE
- ROOF JOIST BELOW ROOF TO REMAIN
- REMOVE ROOF DRAIN, STRAINER & CLAMPING RING & SALVAGE
- ITEM TO BE REMOVED. COORD W/DEMO NOTES & DETAILS
- ITEM TO REMAIN

GENERAL DEMO NOTES:

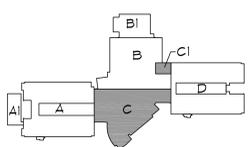
1. IN GENERAL, ITEMS SHOWN DASHED ARE TO BE REMOVED. COORDINATE WITH DEMOLITION PLAN LEGEND AND NOTES.
2. DEMOLITION NOTES DIRECTED TO AN "X" ACROSS AN AREA INDICATES THE NOTE APPLIES TO THE AREA DESCRIBED BY THE "X".
3. PROTECT ALL MATERIALS & EQUIPMENT TO REMAIN THROUGHOUT THE CONSTRUCTION PROCESS. DAMAGE TO THESE ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR. REPAIRS OR REPLACEMENTS SHALL BE DONE AT NO EXPENSE TO THE OWNER.

ROOF DEMO NOTES:

1. REMOVE ROOFING & INSULATION DOWN TO METAL DECK TO REMAIN.
2. REMOVE METAL COPING & CLEATS. SEE DETAIL B2/AD5.01
3. CUT BACK ROOF PLY & REMOVE METAL EDGE FASCIA. SEE DETAIL C3/AD5.01
4. CUT HOLE IN METAL DECK FOR NEW ROOF DRAIN.
5. REMOVE EDGE FASCIA.
6. REMOVE SINGLE PLY ROOF, INSULATION & WOOD STRUCTURE DOWN TO METAL DECK TO REMAIN.
7. REMOVE STRAINER & CLAMPING RING FROM DRAIN AND SALVAGE FOR REINSTALLATION.
8. REMOVE SCUPPER.
9. REMOVE HATCH IN WALL & REMOVE INTERIOR LADDER.
10. REMOVE COPING.
11. REMOVE VERTICAL EXPANSION JOINT.
12. REMOVE EXPANSION JOINT FLASHING. CURB TO REMAIN.
13. REMOVE EXPANSION JOINT FLASHING & WOOD CURB.
14. REMOVE GUTTER



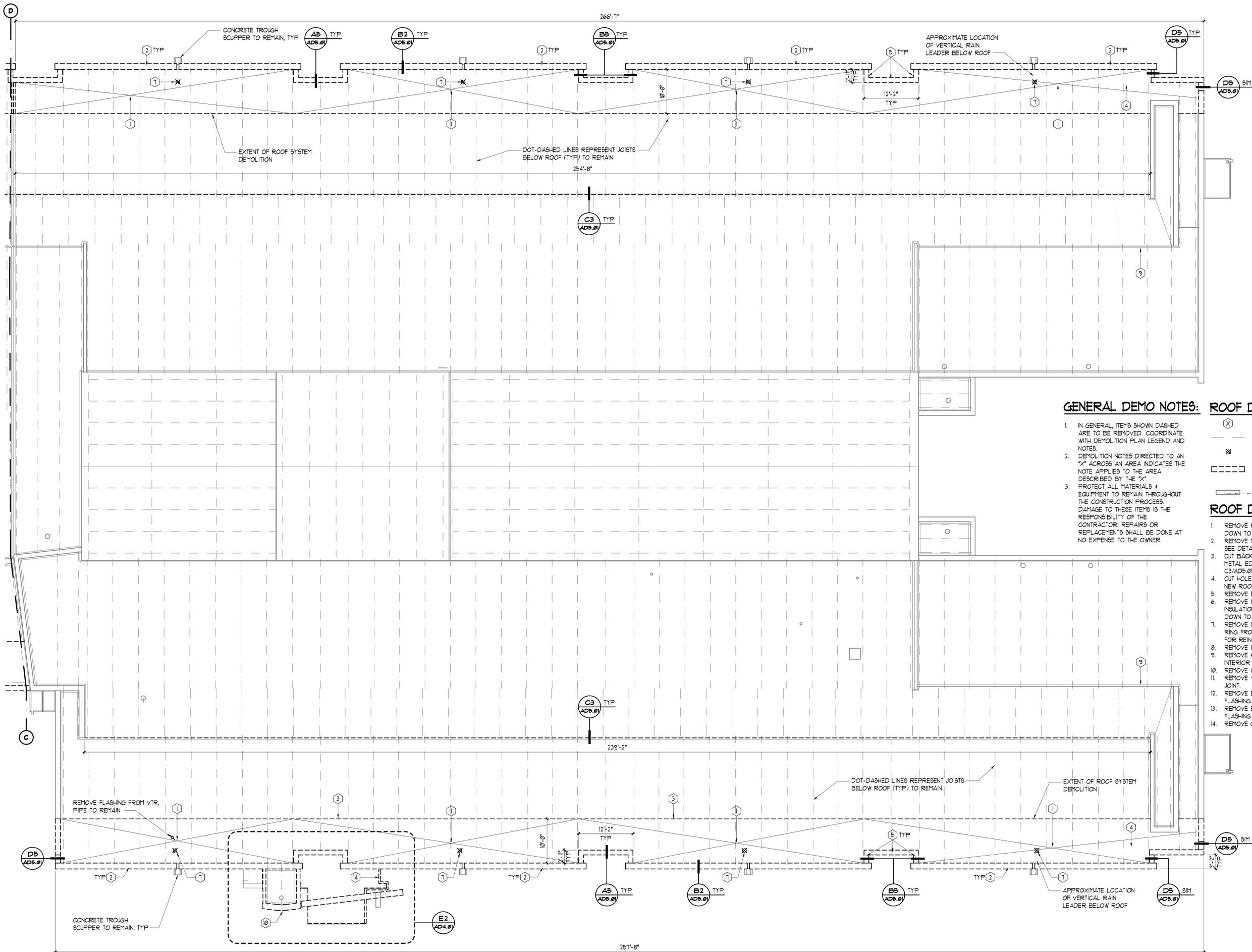
APRIL 13, 2015



KEY PLAN
 DEMOLITION ROOF PLAN AREA C & C1

DEMOLITION ROOF PLAN AREA C
 SCALE: 1/8" = 1'-0"

PARTIAL DEMO ROOF PLAN AREA C1
 SCALE: 1/8" = 1'-0"



GENERAL DEMO NOTES:

- IN GENERAL, ITEMS SHOWN DASHED ARE TO BE REMOVED. COORDINATE WITH DEMOLITION PLAN LEGEND AND NOTES.
- DEMOLITION NOTES DIRECTED TO AN "X" ACROSS AN AREA INDICATES THE NOTE APPLIES TO THE AREA DESCRIBED BY THE "X".
- PROTECT ALL MATERIALS & EQUIPMENT TO REMAIN THROUGHOUT THE CONSTRUCTION PROCESS. DAMAGE TO THESE ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR. REPAIRS OR REPLACEMENTS SHALL BE DONE AT NO EXPENSE TO THE OWNER.

ROOF DEMO LEGEND

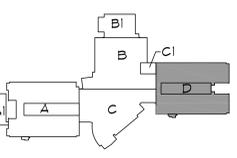
- DEMOLITION NOTE
- ROOF JOIST BELOW ROOF TO REMAIN
- REMOVE ROOF DRAIN, STAIR CLAMPING RING & SALVAGE
- ITEM TO BE REMOVED. COORD. W/ DEMO NOTES & DETAILS
- ITEM TO REMAIN...

ROOF DEMO NOTES:

- REMOVE ROOFING & INSULATION DOWN TO METAL DECK TO REMAIN.
- REMOVE METAL COPING & CLEATS. SEE DETAIL B2/AD5.01
- CUT BACK ROOF FLY & REMOVE METAL EDGE FASCIA. SEE DETAIL C3/AD5.01
- CUT HOLE IN METAL DECK FOR NEW ROOF DRAIN.
- REMOVE EDGE FASCIA.
- REMOVE SINGLE PLY ROOF, INSULATION & WOOD STRUCTURE DOWN TO METAL DECK TO REMAIN.
- REMOVE STRAINER & CLAMPING RING FROM DRAIN AND SALVAGE FOR REINSTALLATION.
- REMOVE SCUPPER.
- REMOVE HATCH IN WALL & REMOVE INTERIOR LADDER.
- REMOVE COPING.
- REMOVE VERTICAL EXPANSION JOINT.
- REMOVE EXPANSION JOINT FLASHING. CURB TO REMAIN.
- REMOVE EXPANSION JOINT FLASHING & WOOD CURB.
- REMOVE GUTTER.



APRIL 13, 2015



KEY PLAN

DEMOLITION M.S. ROOF PLAN AREA D

DEMOLITION M.S. ROOF PLAN AREA D
 SCALE: 1/8" = 1'-0"

ROOF DEMO LEGEND

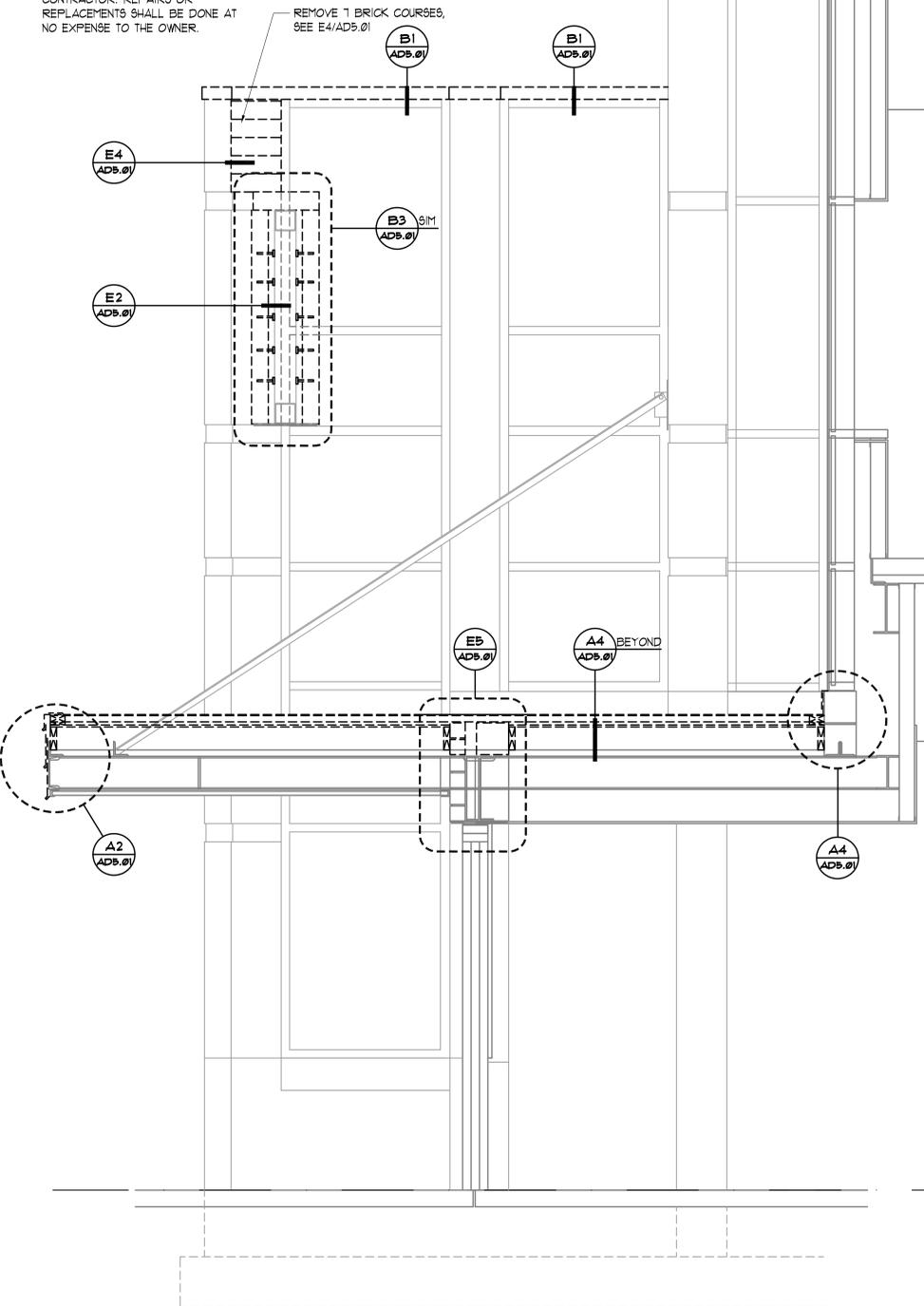
- (X) DEMOLITION NOTE
- ROOF JOIST BELOW ROOF TO REMAIN
- REMOVE ROOF DRAIN, STAINER & CLAMPING RING & SALVAGE
- ITEM TO BE REMOVED. COORD W/DEMO NOTES & DETAILS
- ITEM TO REMAIN

GENERAL DEMO NOTES:

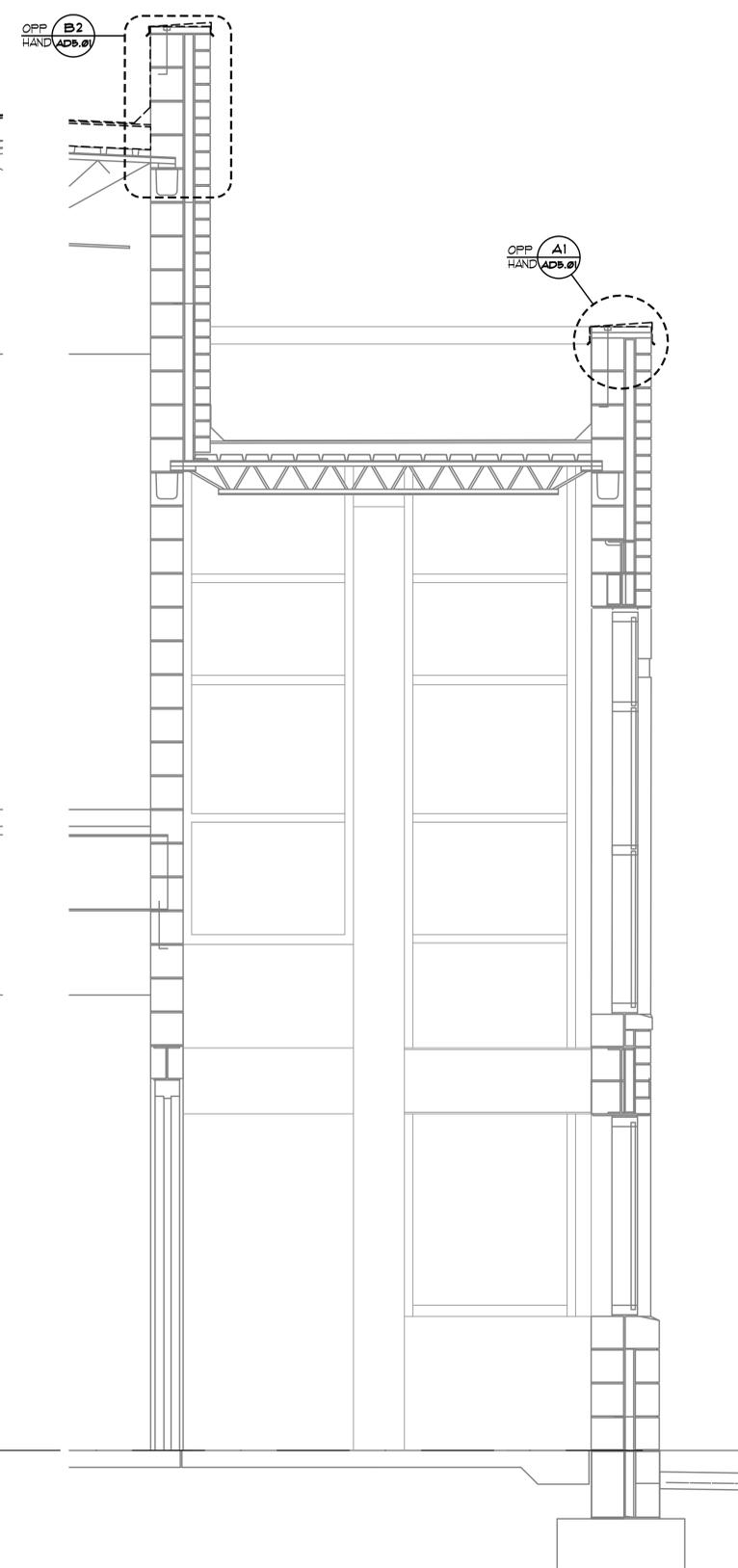
1. IN GENERAL, ITEMS SHOWN DASHED ARE TO BE REMOVED. COORDINATE WITH DEMOLITION PLAN LEGEND AND NOTES.
2. DEMOLITION NOTES DIRECTED TO AN "X" ACROSS AN AREA INDICATES THE NOTE APPLIES TO THE AREA DESCRIBED BY THE "X".
3. PROTECT ALL MATERIALS & EQUIPMENT TO REMAIN THROUGHOUT THE CONSTRUCTION PROCESS. DAMAGE TO THESE ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR. REPAIRS OR REPLACEMENTS SHALL BE DONE AT NO EXPENSE TO THE OWNER.

ROOF DEMO NOTES: (X)

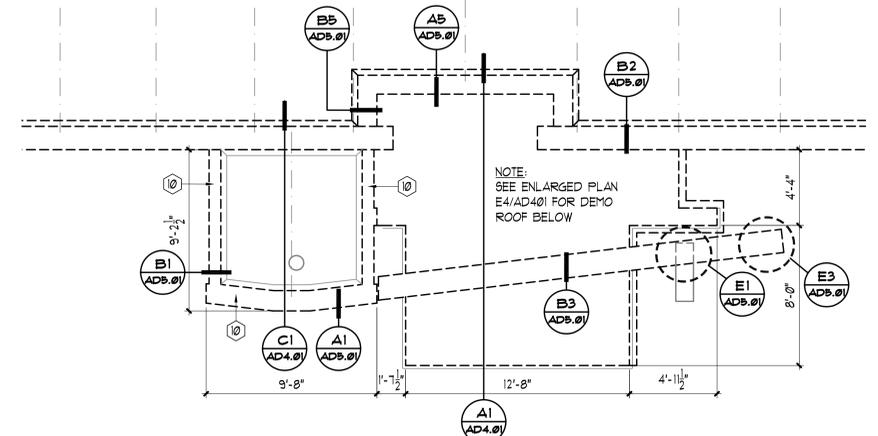
1. REMOVE ROOFING & INSULATION DOWN TO METAL DECK TO REMAIN. REMOVE METAL COPING & CLEATS. SEE DETAIL B2/AD5.01
2. CUT BACK ROOF PLY & REMOVE METAL EDGE FASCIA. SEE DETAIL C3/AD5.01
3. CUT HOLE IN METAL DECK FOR NEW ROOF DRAIN.
4. REMOVE EDGE FASCIA.
5. REMOVE SINGLE PLY ROOF. INSULATION & WOOD STRUCTURE DOWN TO METAL DECK TO REMAIN. REMOVE STRAINER & CLAMPING RING FROM DRAIN AND SALVAGE FOR REINSTALLATION.
6. REMOVE SCUPPER.
7. REMOVE HATCH IN WALL & REMOVE INTERIOR LADDER.
8. REMOVE COPING.
9. REMOVE VERTICAL EXPANSION JOINT.
10. PROTECT ALL MATERIALS & EQUIPMENT TO REMAIN THROUGHOUT THE CONSTRUCTION PROCESS. DAMAGE TO THESE ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR. REPAIRS OR REPLACEMENTS SHALL BE DONE AT NO EXPENSE TO THE OWNER.
11. REMOVE EXPANSION JOINT FLASHING. CURB TO REMAIN.
12. REMOVE EXPANSION JOINT FLASHING & WOOD CURB.
13. REMOVE GUTTER.



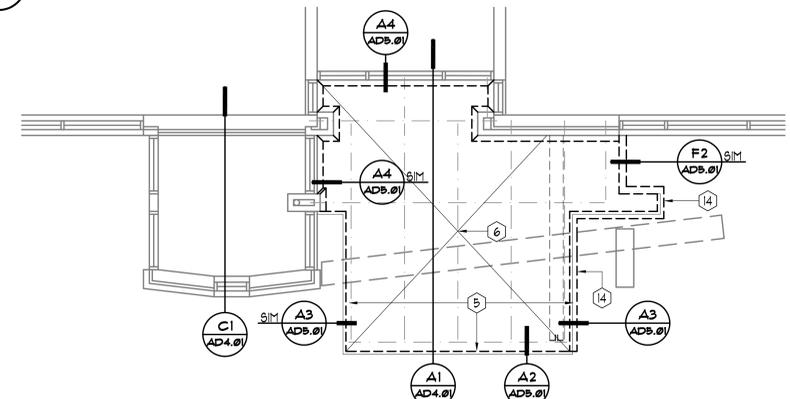
A1 TYPICAL ENTRANCE WEST ELEV/SECTION
SCALE: 3/4" = 1'-0"



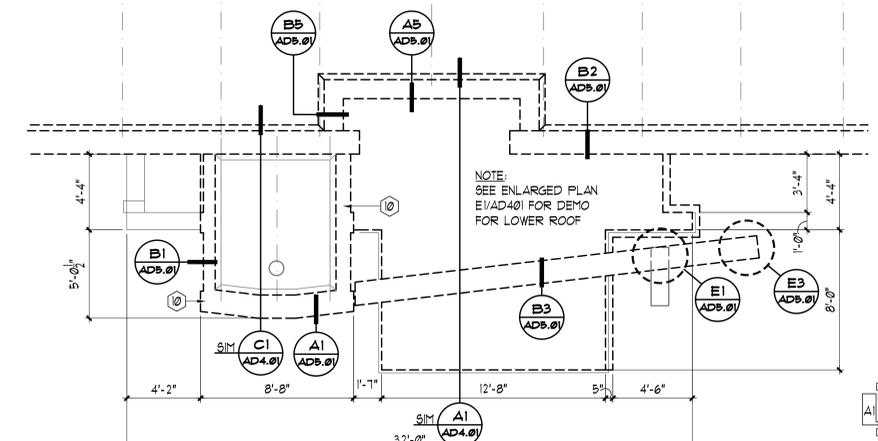
C1 SECTION
SCALE: 3/4" = 1'-0"



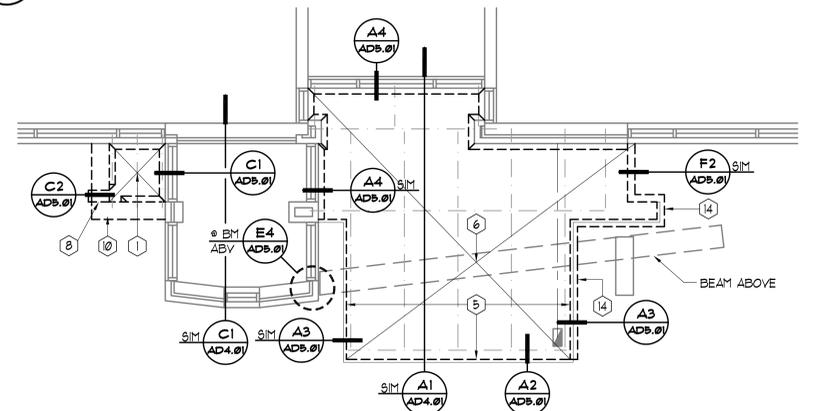
E5 DEMOLITION H.S. ENTRANCE UPPER ROOF PLAN AREA A
SCALE: 1/4" = 1'-0"



E4 DEMOLITION H.S. ENTRANCE LOWER ROOF PLAN AREA A
SCALE: 1/4" = 1'-0"



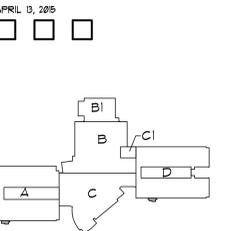
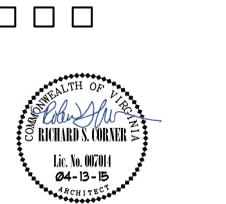
E2 DEMOLITION M.S. ENTRANCE UPPER ROOF PLAN AREA D
SCALE: 1/4" = 1'-0"



E1 DEMOLITION M.S. ENTRANCE LOWER ROOF PLAN AREA D
SCALE: 1/4" = 1'-0"



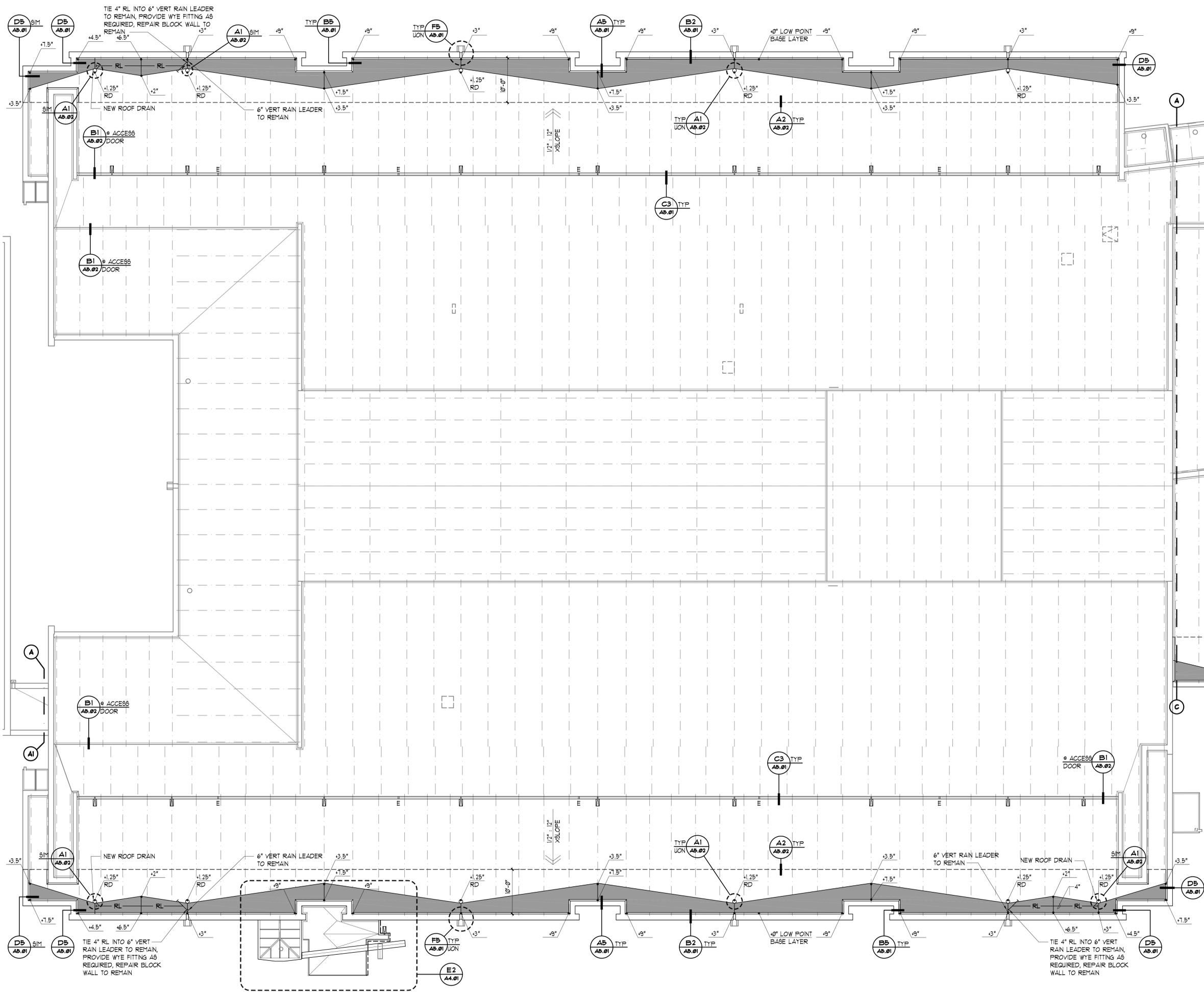
GRAFTON HIGH SCHOOL & MIDDLE SCHOOL PARTIAL ROOF REPLACEMENT & REPAIRS
403 GRAFTON DR YORKTOWN, VIRGINIA 23692



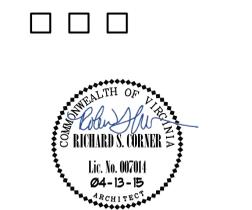
KEY PLAN
ENLARGED DEMOLITION ENTRANCE ROOF PLANS AREA A & D & DEMOLITION SECTIONS

JOB NUMBER 1420

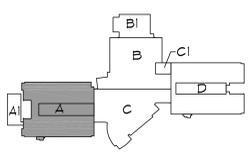
AD4.01



GRAFTON HIGH SCHOOL
 & MIDDLE SCHOOL
 PARTIAL ROOF
 REPLACEMENT & REPAIRS
 403 GRAFTON DR
 YORKTOWN, VIRGINIA 23692



APRIL 13, 2015



KEY PLAN
 H.S. ROOF PLAN
 AREA A - NEW WORK

- ROOF LEGEND**
- ROOF DRAIN SEE A1/AB.02
 - GUTTER EXPANSION JOINT SIM TO SHACNA FIG 1-1
 - 1" : 12" CRICKET
 - ROOF JOIST BELOW ROOF TO REMAIN
 - 4" RAIN LEADER
 - GUTTER, D6 & CONCRETE SPLASHBLOCK

H.S. ROOF PLAN AREA A - NEW WORK
 SCALE: 1/8" = 1'-0"

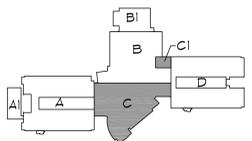
JOB NUMBER 1420

A1.01

GRAFTON HIGH SCHOOL
 & MIDDLE SCHOOL
 PARTIAL ROOF
 REPLACEMENT & REPAIRS
 403 GRAFTON DR
 YORKTOWN, VIRGINIA 23692

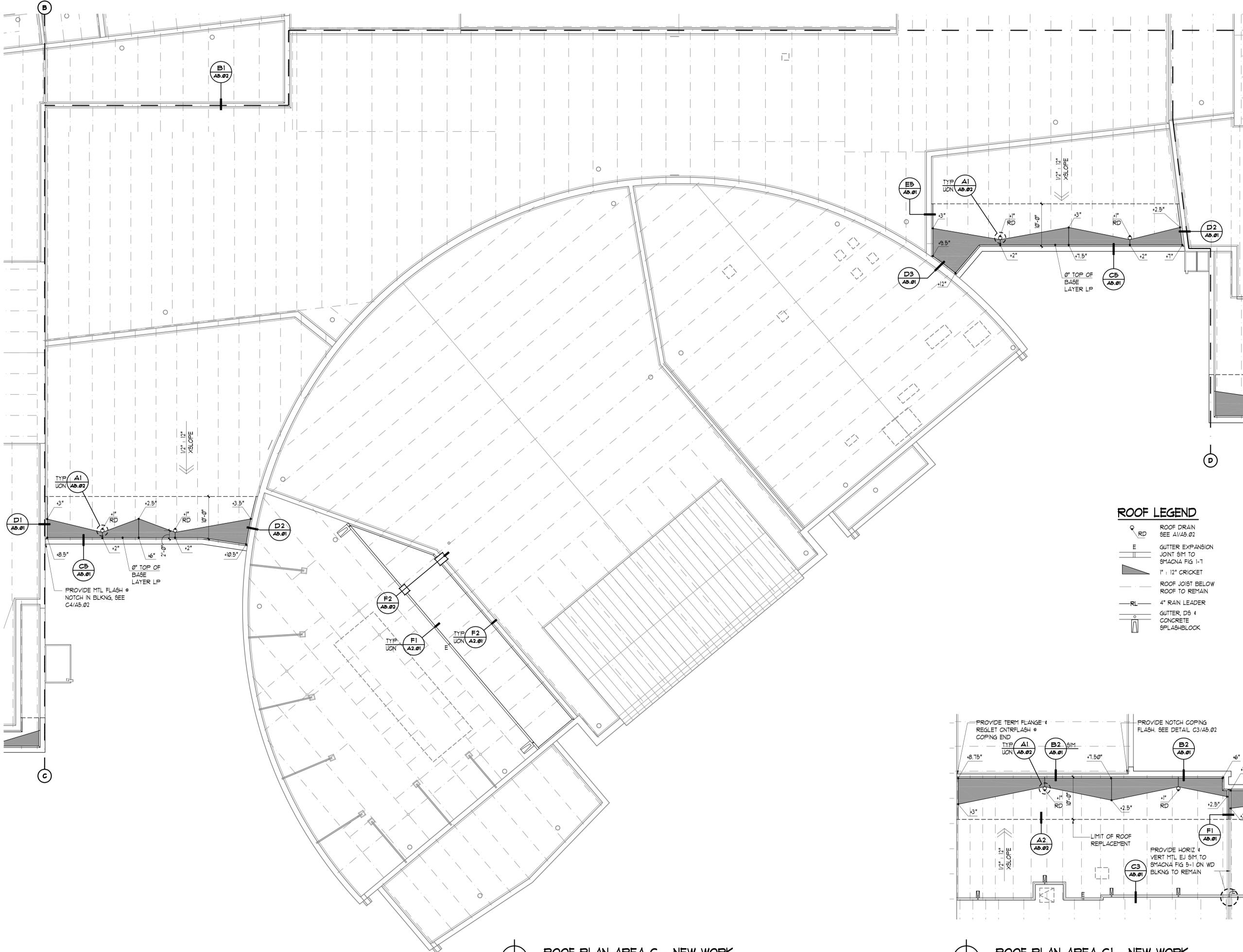


APRIL 13, 2015



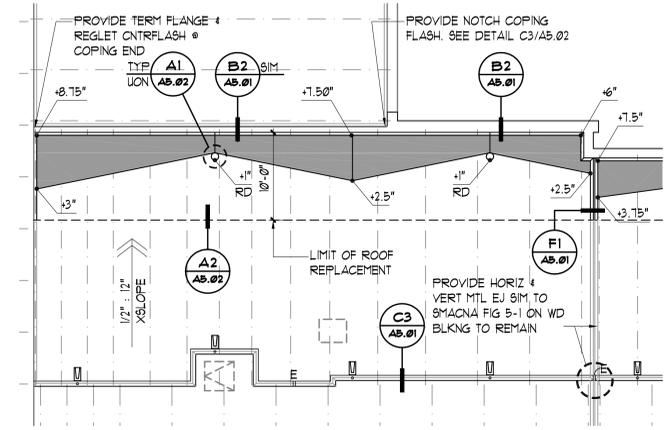
KEY PLAN
 ROOF PLAN
 AREA C - NEW WORK

JOB NUMBER 1420



ROOF LEGEND

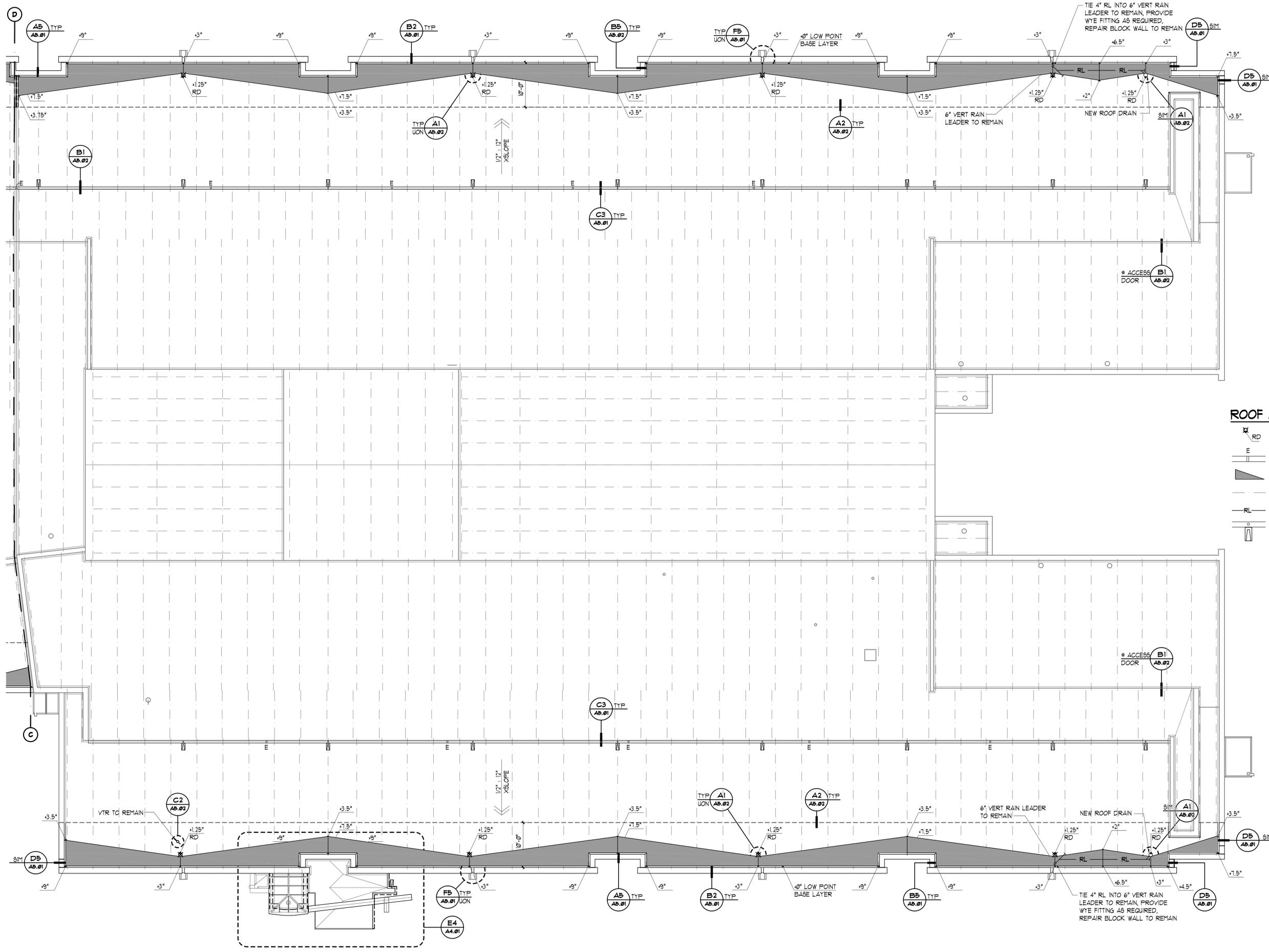
- ROOF DRAIN
SEE A1/A5.02
- GUTTER EXPANSION
JOINT SIM TO
SMACNA FIG 1-7
- 1" : 12" CRICKET
- ROOF JOIST BELOW
ROOF TO REMAIN
- 4" RAIN LEADER
- GUTTER, D6 &
CONCRETE
SPFLASHBLOCK



ROOF PLAN AREA C - NEW WORK
 SCALE: 1/8" = 1'-0"

ROOF PLAN AREA C1 - NEW WORK
 SCALE: 1/8" = 1'-0"

A1.02

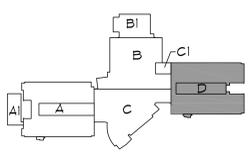


HUDSON+ASSOCIATES
 ARCHITECTS
 120 WEST QUEENS WAY SUITE 201 HAMPTON, VA 23669
 (757) 722-1964

GRAFTON HIGH SCHOOL
 & MIDDLE SCHOOL
 PARTIAL ROOF
 REPLACEMENT & REPAIRS
 403 GRAFTON DR
 YORKTOWN, VIRGINIA 23692

ROOF LEGEND

- ROOF DRAIN
SEE A1/A5.02
- GUTTER EXPANSION
JOINT SIM TO
SMACNA FIG 1-7
- 1" : 12" CRICKET
- ROOF JOIST BELOW
ROOF TO REMAIN
- 4" RAIN LEADER
- GUTTER, D6 &
CONCRETE
SPLASHBLOCK



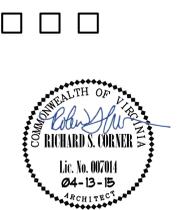
KEY PLAN
 M.S. ROOF PLAN
 AREA D - NEW WORK

M.S. ROOF PLAN AREA D - NEW WORK
 SCALE: 1/8" = 1'-0"

JOB NUMBER 1420

A1.03

GRAFTON HIGH SCHOOL
 & MIDDLE SCHOOL
 PARTIAL ROOF
 REPLACEMENT & REPAIRS
 403 GRAFTON DR
 YORKTOWN, VIRGINIA 23692

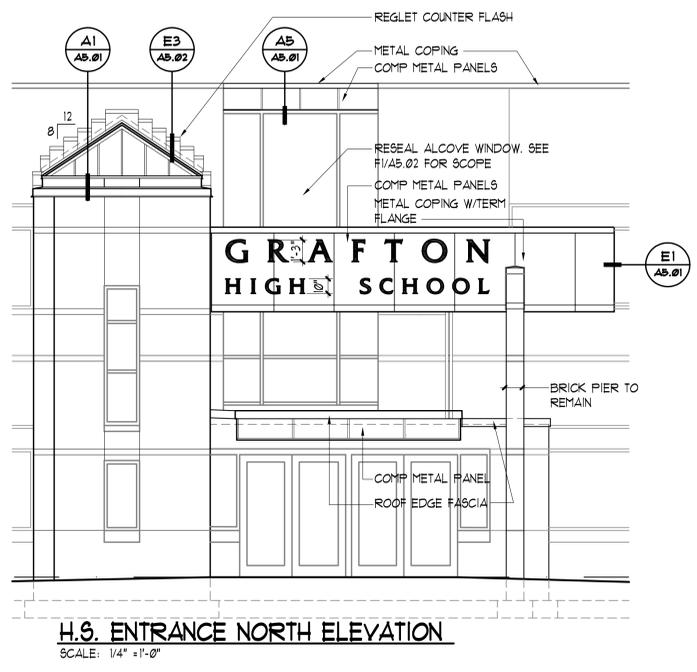


APRIL 13, 2015

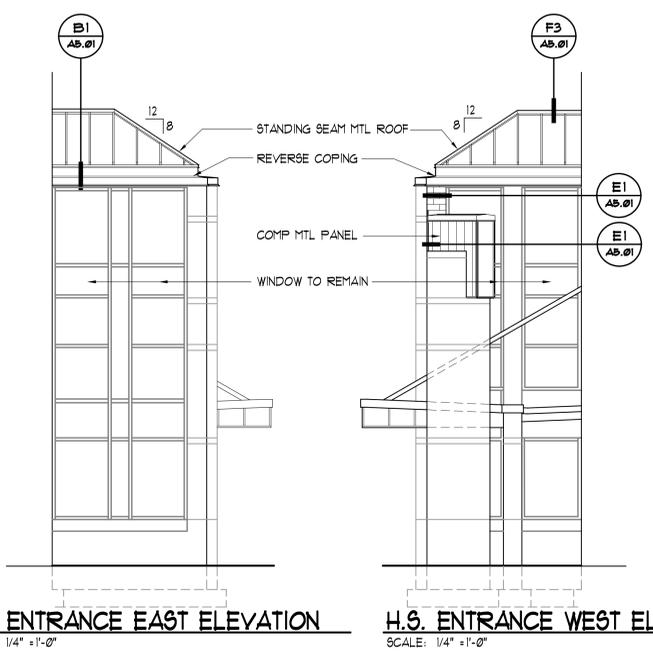
H.S. & M.S. ENTRANCE
 ELEVATIONS AREA A
 & AREA D

JOB NUMBER 1420

A2.01

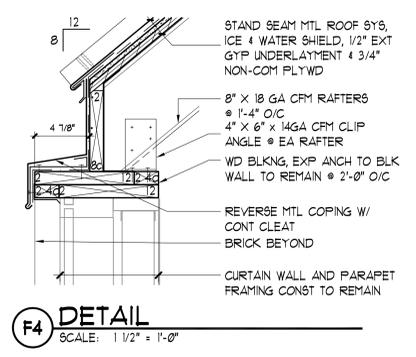


H.S. ENTRANCE NORTH ELEVATION
 SCALE: 1/4" = 1'-0"

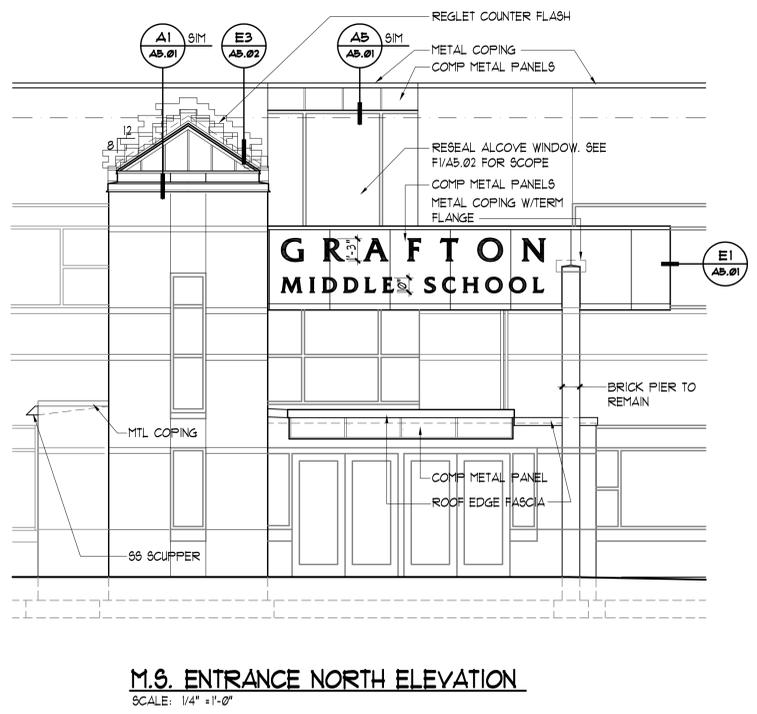


H.S. ENTRANCE EAST ELEVATION
 SCALE: 1/4" = 1'-0"

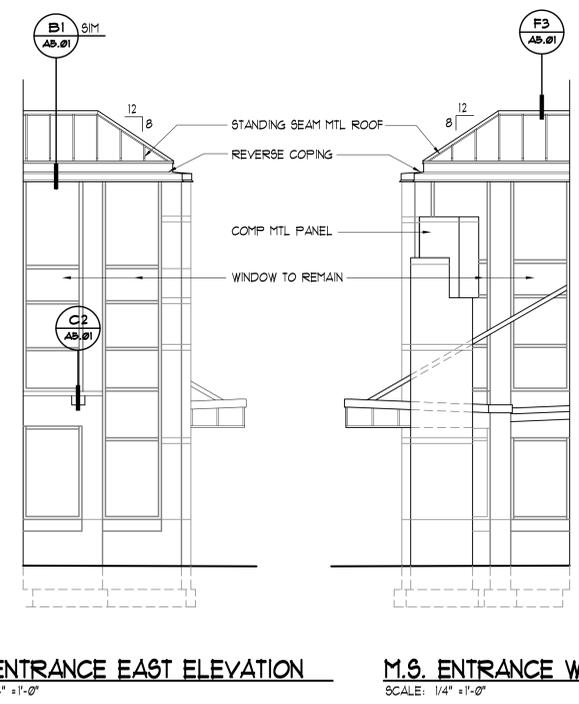
H.S. ENTRANCE WEST ELEVATION
 SCALE: 1/4" = 1'-0"



F4 DETAIL
 SCALE: 1 1/2" = 1'-0"

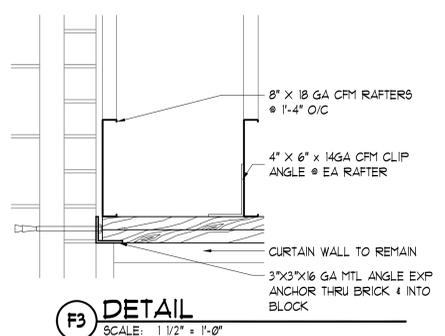


M.S. ENTRANCE NORTH ELEVATION
 SCALE: 1/4" = 1'-0"

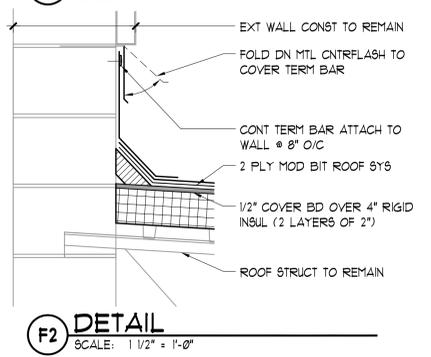


M.S. ENTRANCE EAST ELEVATION
 SCALE: 1/4" = 1'-0"

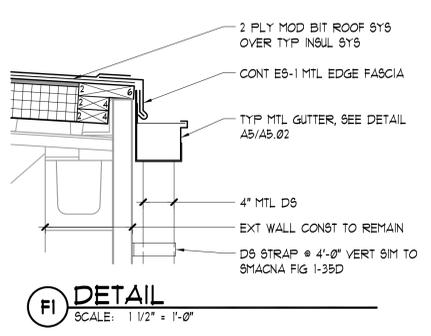
M.S. ENTRANCE WEST ELEVATION
 SCALE: 1/4" = 1'-0"



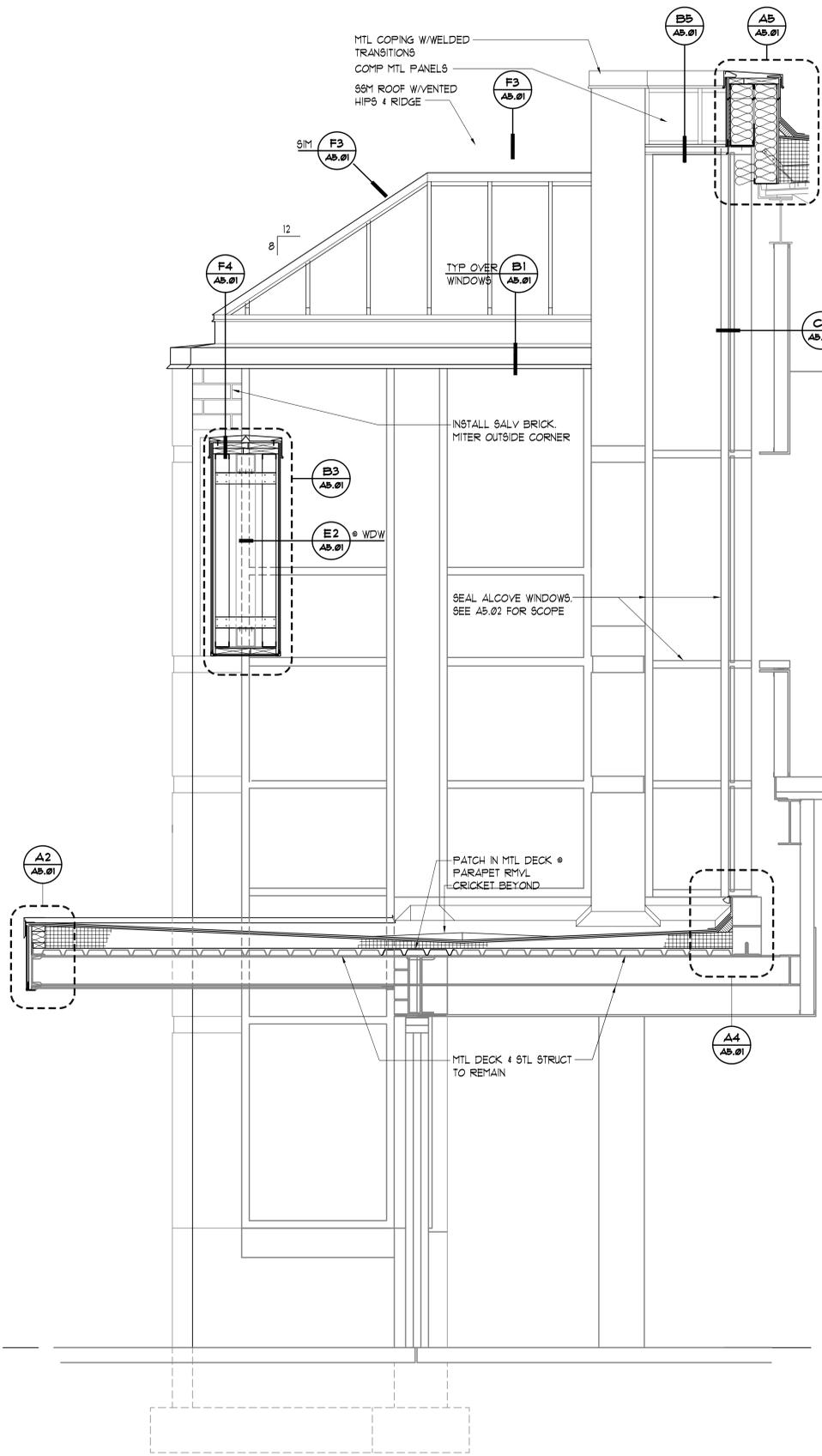
F3 DETAIL
 SCALE: 1 1/2" = 1'-0"



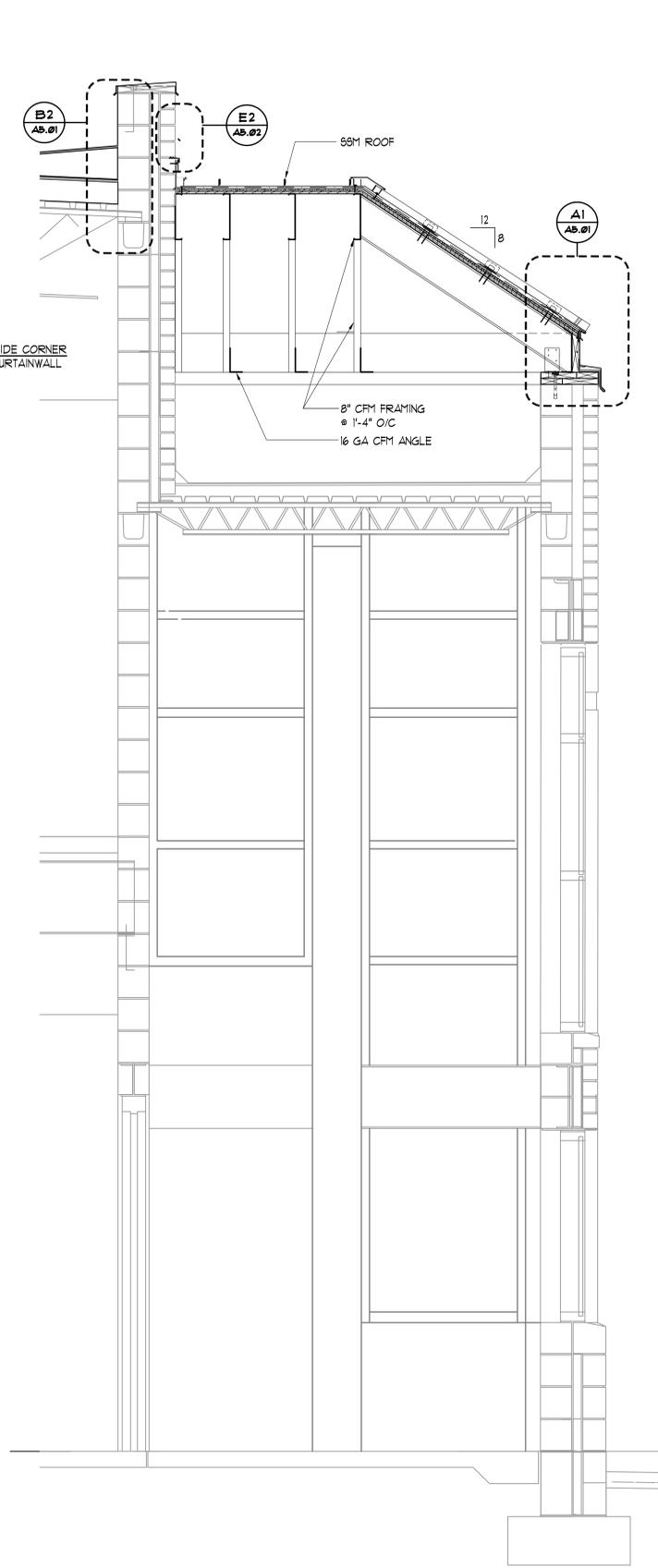
F2 DETAIL
 SCALE: 1 1/2" = 1'-0"



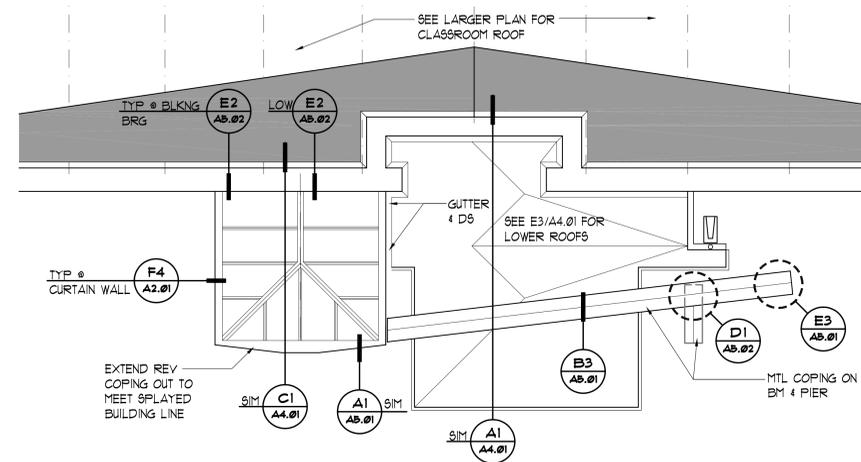
F1 DETAIL
 SCALE: 1 1/2" = 1'-0"



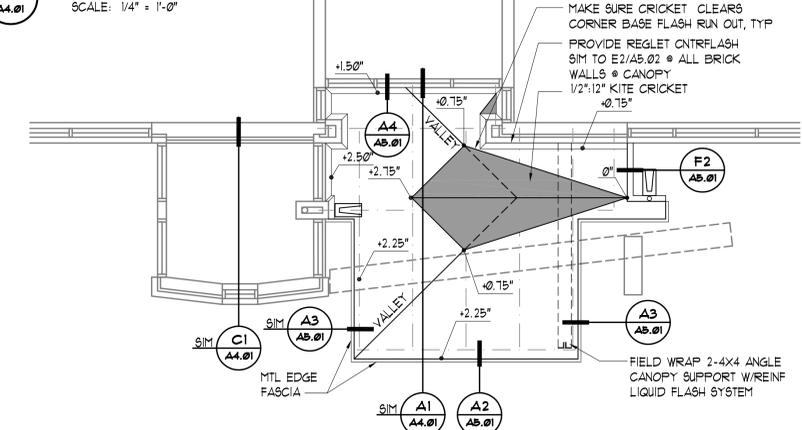
A1 H.S. ENTRANCE WEST ELEV/SECTION
SCALE: 3/4" = 1'-0"
MIDDLE SCHOOL SIM



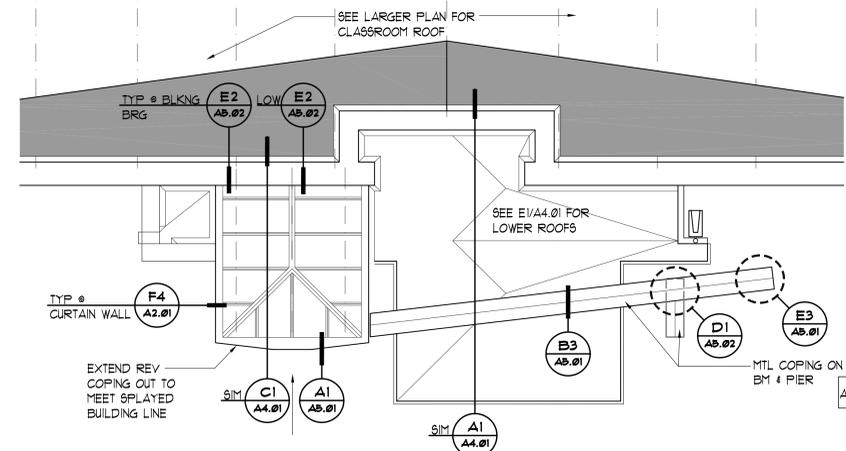
C1 H.S. TOWER SECTION
SCALE: 3/4" = 1'-0"
MIDDLE SCHOOL SIM



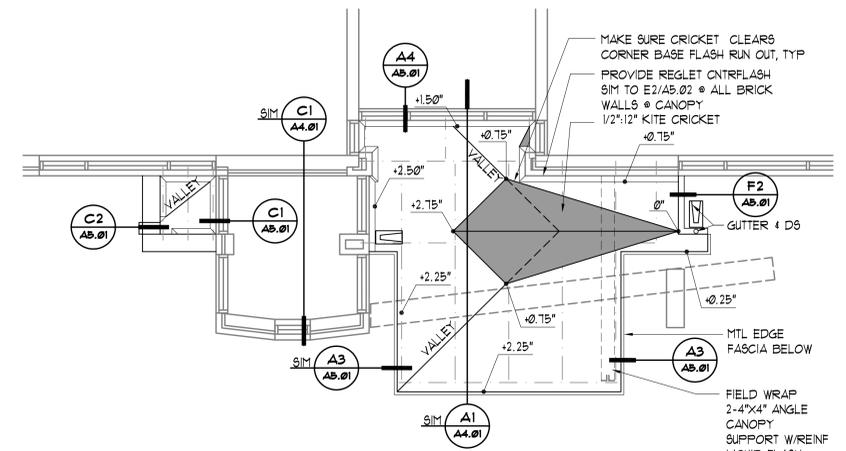
E4 H.S. ENTRANCE UPPER ROOF PLAN AREA A
SCALE: 1/4" = 1'-0"



E3 H.S. ENTRANCE LOWER ROOF PLAN AREA A
SCALE: 1/4" = 1'-0"



E2 M.S. ENTRANCE UPPER ROOF PLAN AREA D
SCALE: 1/4" = 1'-0"



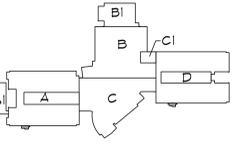
E1 M.S. ENTRANCE LOWER ROOF PLAN AREA D
SCALE: 1/4" = 1'-0"

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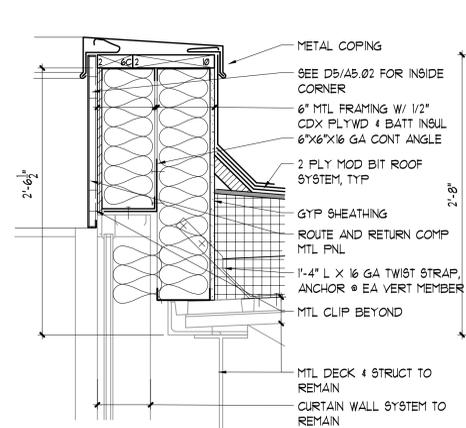
APRIL 13, 2015



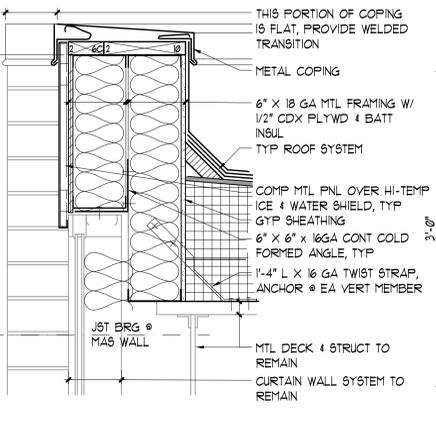
KEY PLAN
ENLARGED ENTRANCE
ROOF PLANS
AREA A & D
& SECTIONS

JOB NUMBER 1420

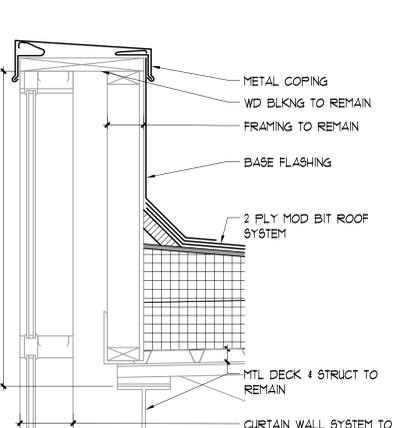
A4.01



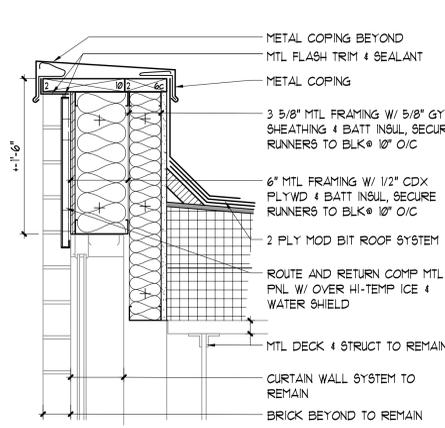
A5 DETAIL
SCALE: 1/2" = 1'-0"



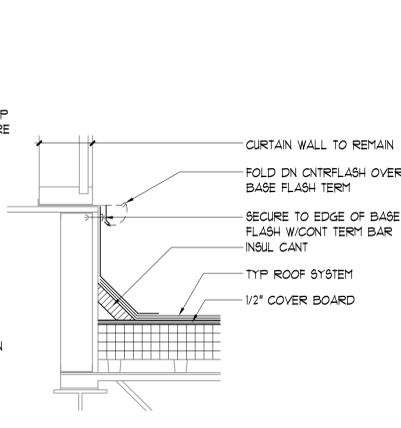
B5 DETAIL
SCALE: 1/2" = 1'-0"



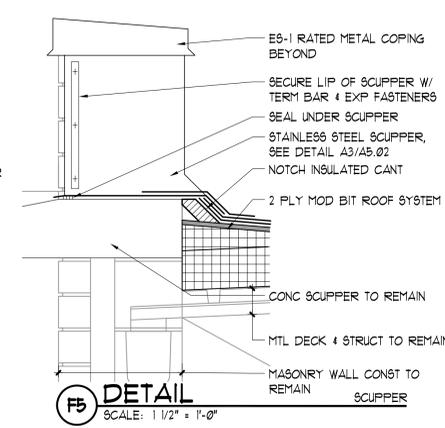
C5 DETAIL
SCALE: 1/2" = 1'-0"



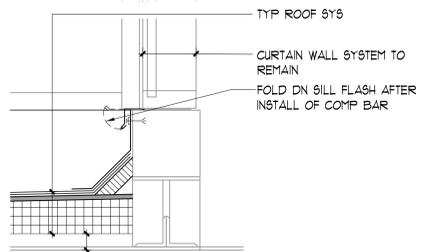
D5 DETAIL
SCALE: 1/2" = 1'-0"



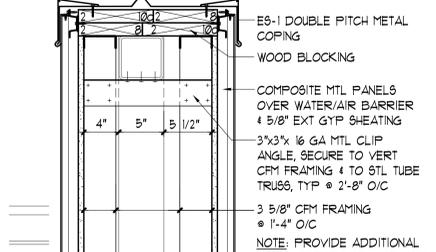
E5 DETAIL
SCALE: 1/2" = 1'-0"



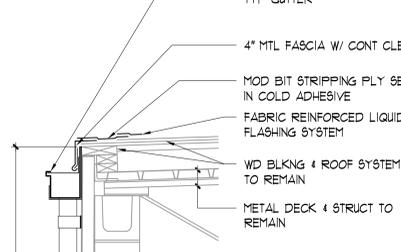
F5 DETAIL
SCALE: 1/2" = 1'-0"



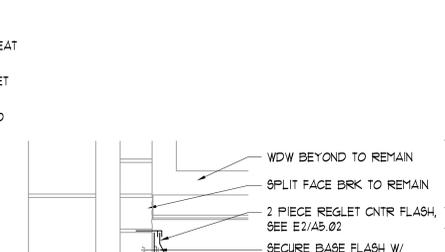
A4 DETAIL
SCALE: 1/2" = 1'-0"



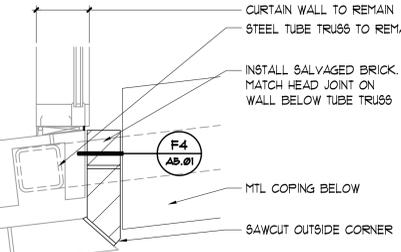
B3 DETAIL
SCALE: 1/2" = 1'-0"



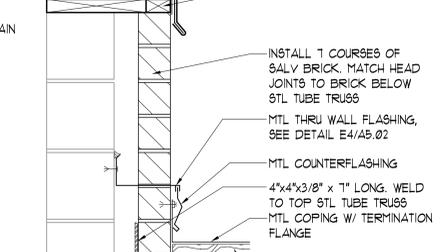
C3 DETAIL
SCALE: 1" = 1'-0"



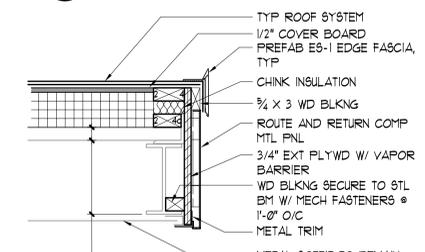
D3 DETAIL
SCALE: 1/2" = 1'-0"



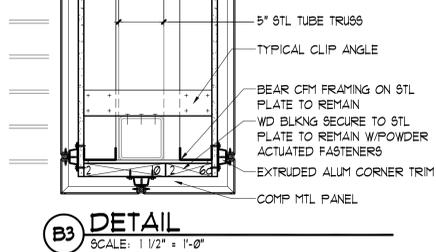
E4 DETAIL
SCALE: 1/2" = 1'-0"



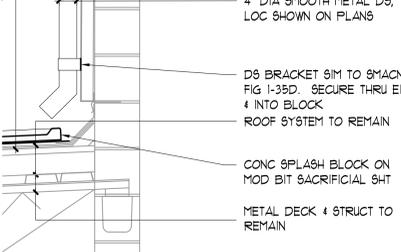
F4 DETAIL
SCALE: 1/2" = 1'-0"



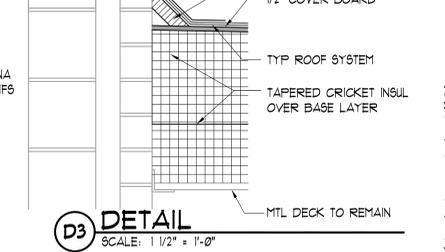
A3 DETAIL
SCALE: 1/2" = 1'-0"



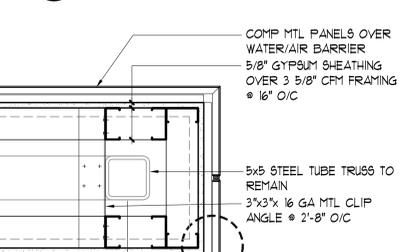
B2 DETAIL
SCALE: 1/2" = 1'-0"



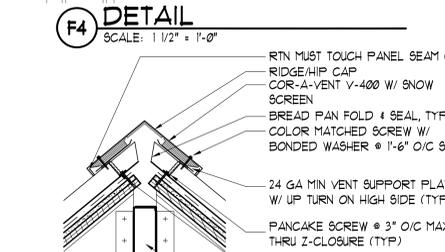
C2 DETAIL
SCALE: 1/2" = 1'-0"



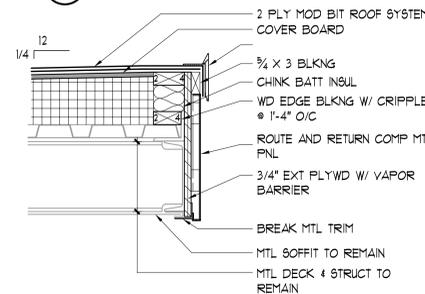
D2 DETAIL
SCALE: 1/2" = 1'-0"



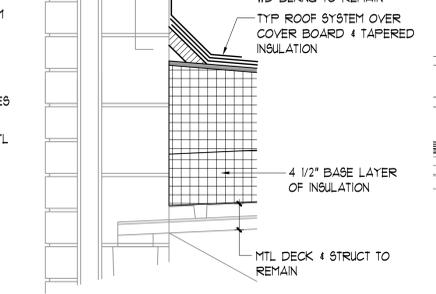
E3 DETAIL
SCALE: 1/2" = 1'-0"



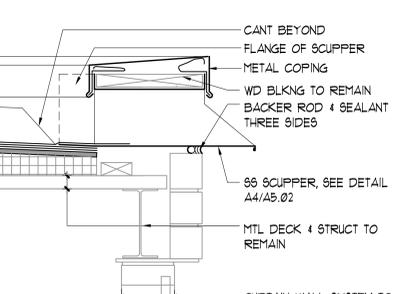
F3 DETAIL
SCALE: 1/2" = 1'-0"



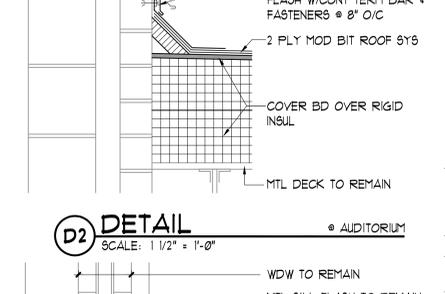
A2 DETAIL
SCALE: 1/2" = 1'-0"



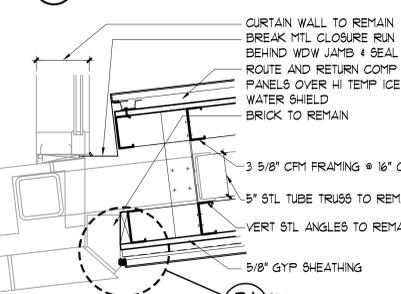
B1 DETAIL
SCALE: 1/2" = 1'-0"



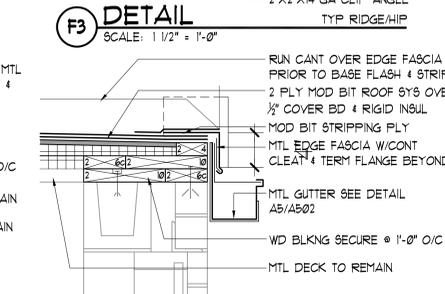
C1 DETAIL
SCALE: 1/2" = 1'-0"



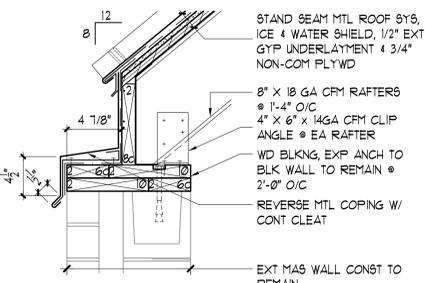
D2 DETAIL
SCALE: 1/2" = 1'-0"



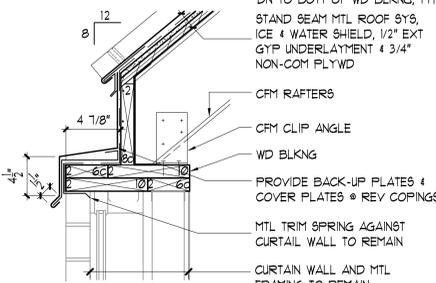
E2 DETAIL
SCALE: 1/2" = 1'-0"



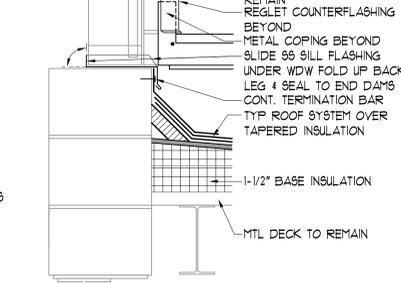
F2 DETAIL
SCALE: 1/2" = 1'-0"



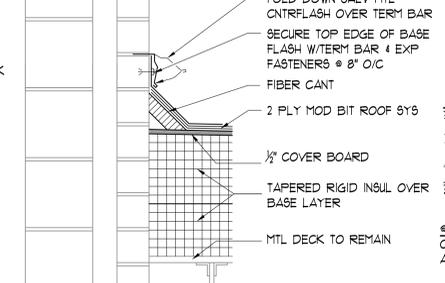
A1 DETAIL
SCALE: 1/2" = 1'-0"



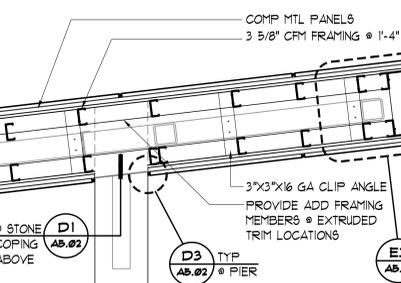
B1 DETAIL
SCALE: 1/2" = 1'-0"



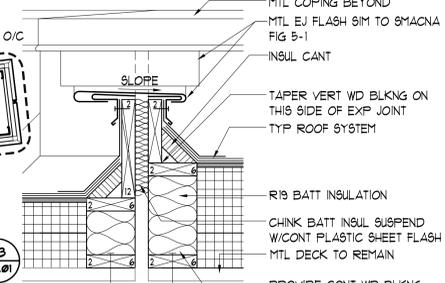
C1 DETAIL
SCALE: 1/2" = 1'-0"



D2 DETAIL
SCALE: 1/2" = 1'-0"



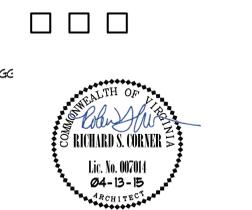
E1 DETAIL
SCALE: 3/4" = 1'-0"



F1 DETAIL
SCALE: 1/2" = 1'-0"



GRAFTON HIGH SCHOOL & MIDDLE SCHOOL
PARTIAL ROOF REPLACEMENT & REPAIRS
483 GRAFTON DR
YORKTOWN, VIRGINIA 23692

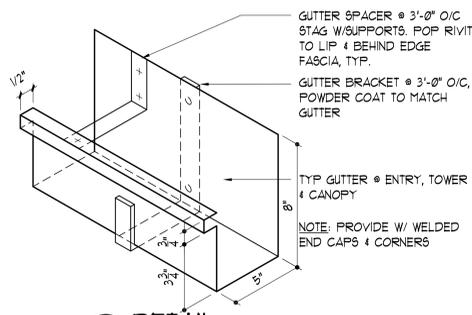


APRIL 13, 2015

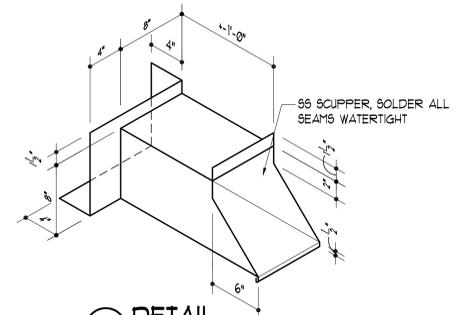
DETAILS

JOB NUMBER 1420

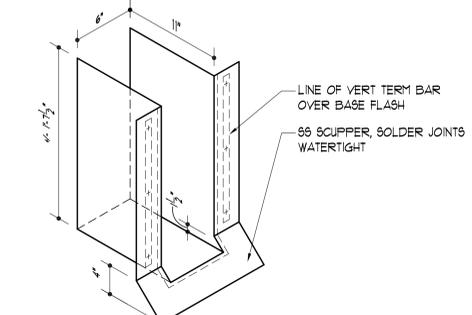
A5.01



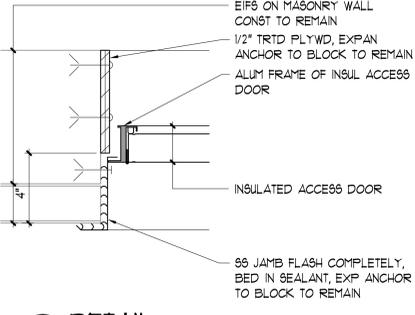
A5 DETAIL
SCALE: NT5
TYP GUTTER @ MTL ROOF & CANOPY



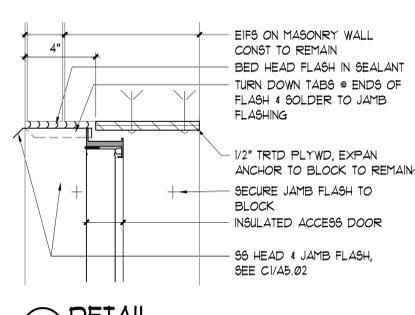
A4 DETAIL
SCALE: NT5



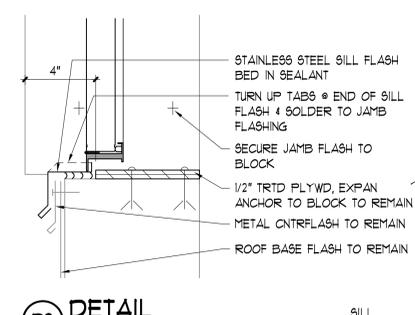
A3 DETAIL
SCALE: NT5



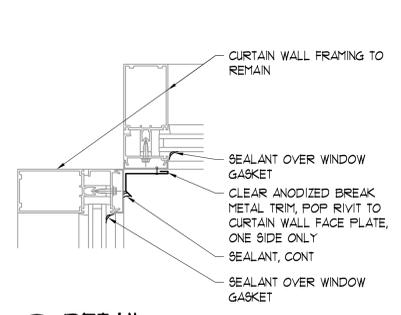
B5 DETAIL
SCALE: 3" = 1'-0"



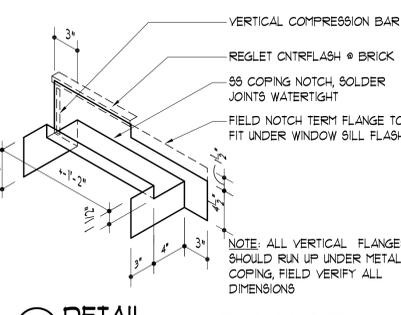
B4 DETAIL
SCALE: 3" = 1'-0"



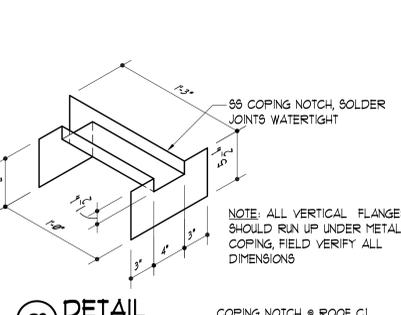
B3 DETAIL
SCALE: 3" = 1'-0"



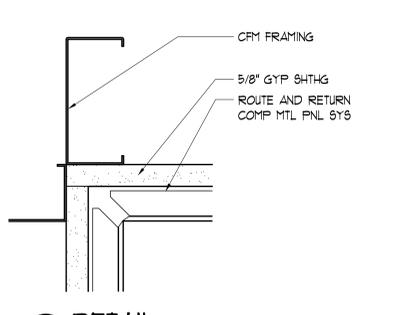
C5 DETAIL
SCALE: 3" = 1'-0"



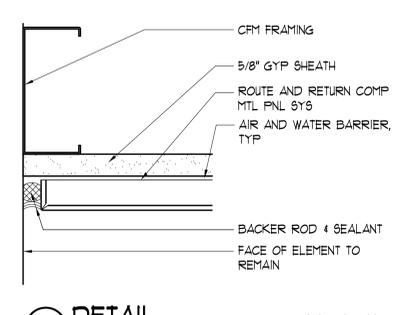
C4 DETAIL
SCALE: NT5
COPING NOTCH @ ROOF C



C3 DETAIL
SCALE: NT5
COPING NOTCH @ ROOF C1



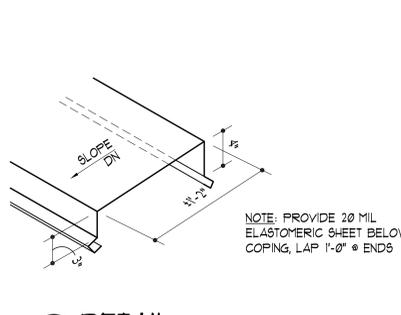
D5 DETAIL
SCALE: 6" = 1'-0"



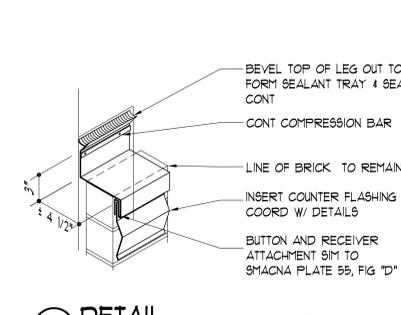
D4 DETAIL
SCALE: 6" = 1'-0"



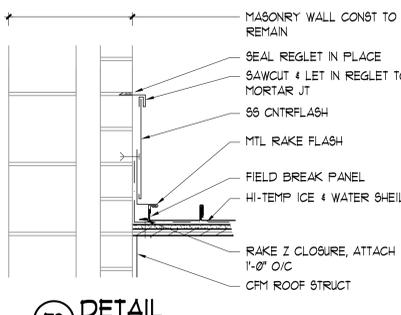
D3 DETAIL
SCALE: 6" = 1'-0"



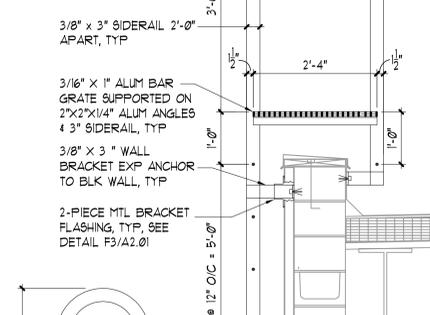
E5 DETAIL
SCALE: NT5
TYP COPING



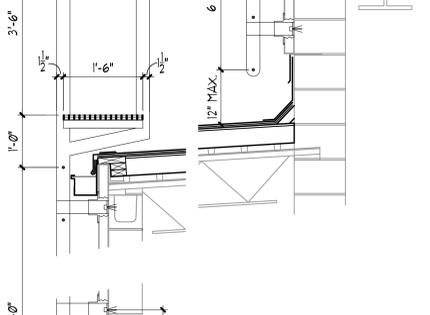
E4 DETAIL
SCALE: 1 1/2" = 1'-0"



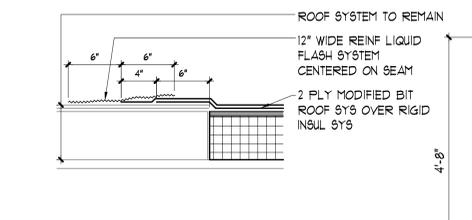
E3 DETAIL
SCALE: 1 1/2" = 1'-0"



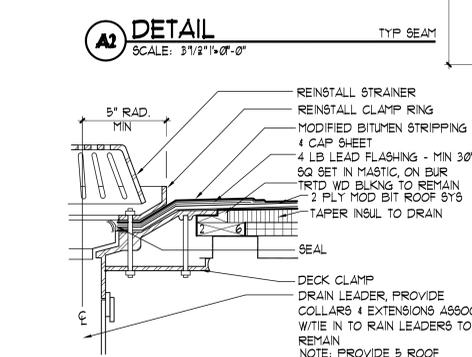
F2 DETAIL
SCALE: 3/4" = 1'-0"



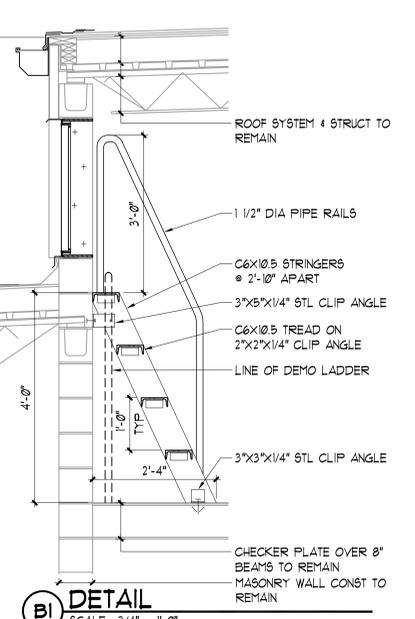
F1 DETAIL
SCALE: 1/4" = 1'-0"



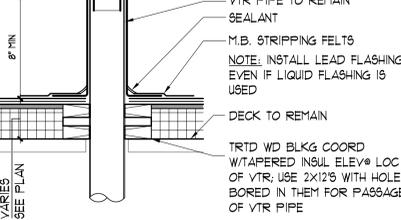
A2 DETAIL
SCALE: 3 1/2" = 1'-0"



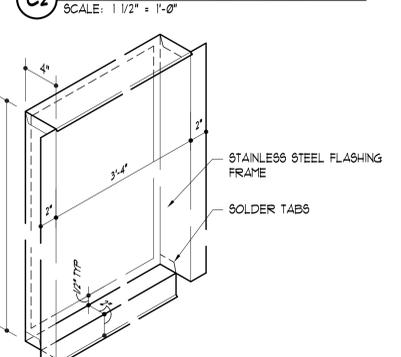
A1 DETAIL
SCALE: 1 1/2" = 1'-0"



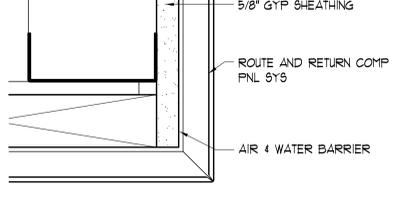
B1 DETAIL
SCALE: 3/4" = 1'-0"



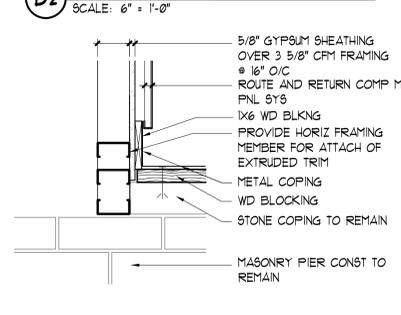
C2 DETAIL
SCALE: 1 1/2" = 1'-0"



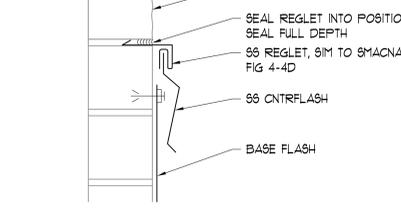
C1 DETAIL
SCALE: NT5
ACCESS DOOR FRAME FLASHING



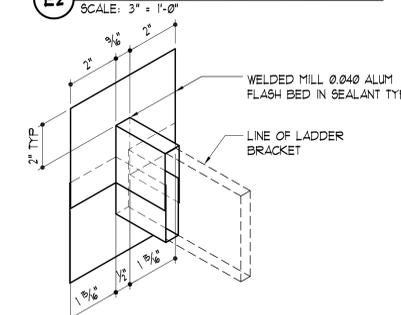
D2 DETAIL
SCALE: 6" = 1'-0"



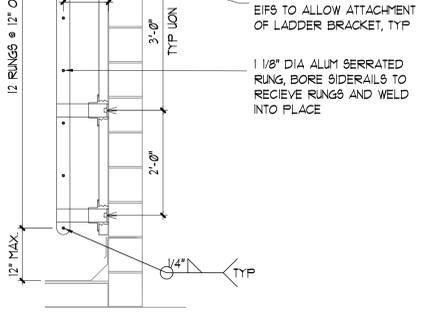
D1 DETAIL
SCALE: 1 1/2" = 1'-0"



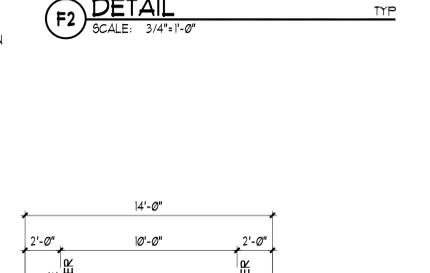
E2 DETAIL
SCALE: 3" = 1'-0"



E1 DETAIL
SCALE: 6" = 1'-0"



F2 DETAIL
SCALE: 3/4" = 1'-0"



F1 DETAIL
SCALE: 1/4" = 1'-0"