

FULL EXTERIOR REPAIRS, BUILDING 302, CP

NAVAL STATION NEWPORT, RI

PREPARED FOR

FACILITIES ENGINEERING AND ACQUISITION DIVISION

DRAWING LIST

DRAWING #	NAVFAC #	NAV STA #	SHEET #	TITLE
C-1	12527499	39400-362	1 OF 25	COVER SHEET
C-2	12527500	39401-362	2 OF 25	RENOVATION OPTION STRUCTURE AND TYPICAL NOTES
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G-2	12527502	39403-362	4 OF 25	SITE PHOTOGRAPHS AND DETAILS
D-1	12527503	39404-362	5 OF 25	ROOF REMOVAL PLAN
D-2	12527504	39405-362	6 OF 25	WALL REMOVAL PLAN
D-3	12527505	39406-362	7 OF 25	WALL REMOVAL PLAN
D-4	12527506	39407-362	8 OF 25	REMOVAL DETAILS
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A-2	12527510	39411-362	12 OF 25	EXTERIOR INSTALLATION PLANS
A-3	12527511	39412-362	13 OF 25	EXTERIOR INSTALLATION PLANS
A-4	12527512	39413-362	14 OF 25	WINDOW AND DOOR ELEVATIONS
A-5	12527513	39414-362	15 OF 25	WINDOW AND DOOR SCHEDULES
A-6	12527514	39415-362	16 OF 25	COLUMN BASE PAD REPAIR SCHEDULE
A-7	12527515	39416-362	17 OF 25	DETAILS
A-8	12527516	39417-362	18 OF 25	DETAILS
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S-1	12527521	39422-362	23 OF 25	STRUCTURAL PLANS AND DETAILS
S-2	12527522	39423-362	24 OF 25	STRUCTURAL PLANS AND DETAILS
E-1	12527523	39424-362	25 OF 25	ELECTRICAL PLAN

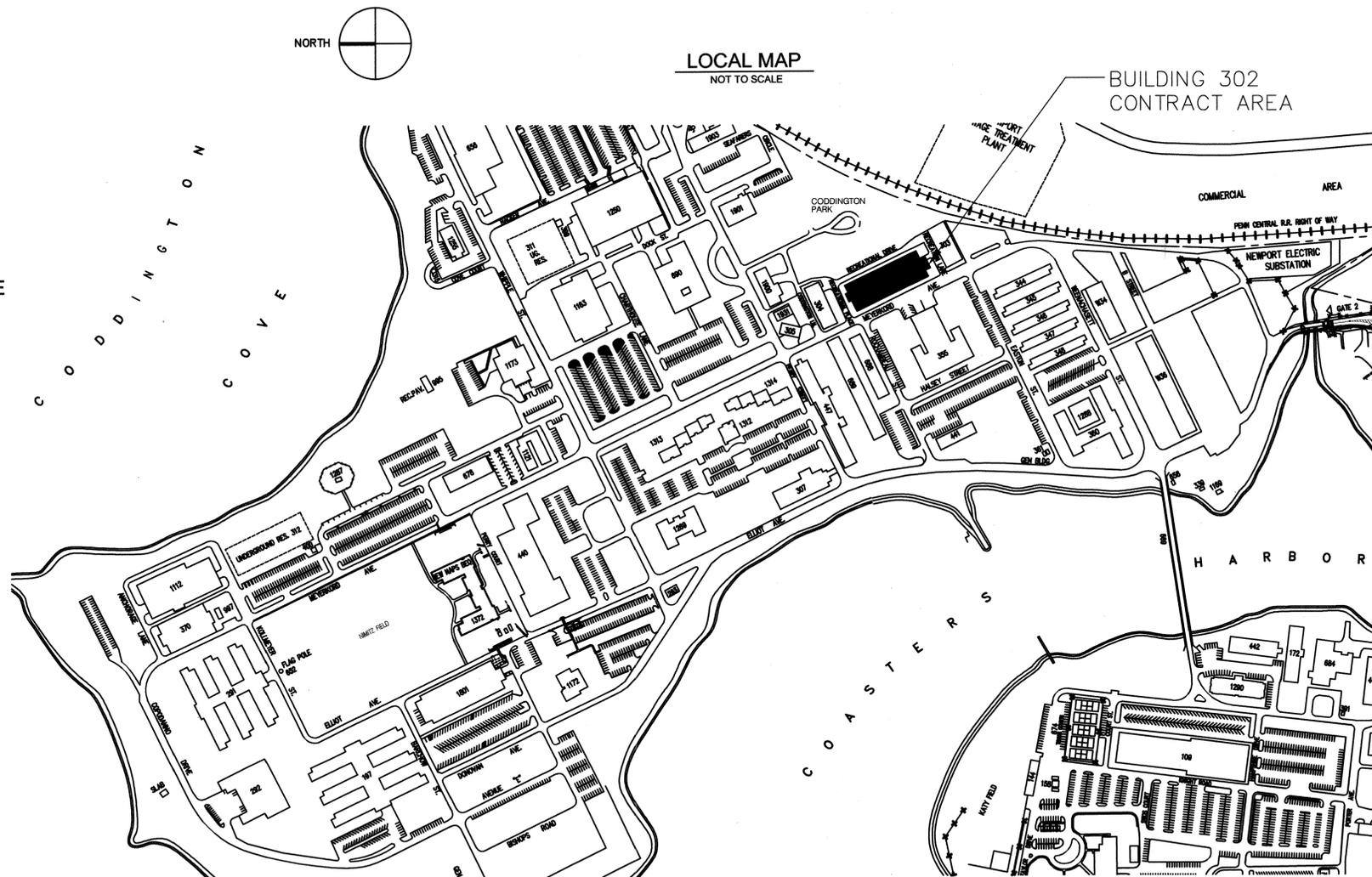
GENERAL SCOPE OF WORK

THE GENERAL SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:

1. REMOVAL AND REPLACEMENT OF THE EXISTING ROOF SYSTEMS
2. REMOVAL AND REPLACEMENT OF WOOD SIDING AND SHEATHING
3. REMOVAL AND REPLACEMENT OF DAMAGED WOOD STUD COMPONENTS
4. REMOVAL AND REPLACEMENT OF EXISTING WINDOWS, FRAMING AND SILLS
5. DEMOLITION OF THE DESIGNATED BUILDING COMPONENTS
6. REPLACEMENT OF DESIGNATED DOOR HARDWARE
7. REPAIR OF EXTERIOR ARCHES

GENERAL NOTES

1. THIS BUILDING IS CONSIDERED A HISTORIC STRUCTURE.
2. REFER TO SHEET C-2 FOR RENOVATION OPTION STRUCTURE AND TYPICAL NOTES.

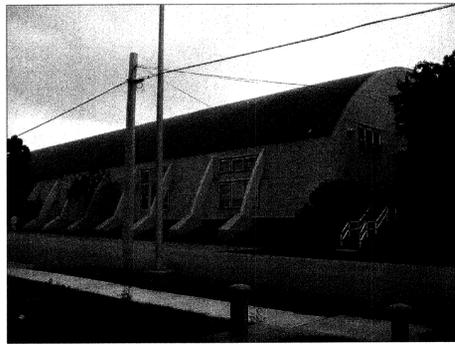


CH: JFL	DATE: 12/19/2009
APPROVED: [Signature]	DATE: 12/19/2009
DESIGN: CAD	DR: CAD
BR. HD.	DATE
DIV. HD.	DATE
SATISFACTORY TO:	DATE
REGISTERED PROFESSIONAL ENGINEER	6826
SEALED	[Signature]
NAVAL FACILITIES ENGINEERING COMMAND	NAVAL STATION NEWPORT, R.I.
FULL EXTERIOR REPAIRS FOR BUILDING 302, CP	
NAVAL STATION, NEWPORT, RI	
COVER SHEET	
CODE IDENT. NO.	
DRAWING SIZE: D	
SCALE: NOT TO SCALE	
CONST. CONTRACT NO.	
PROJECT 568709	
SPEC. 568709	
NAVFAC DRAWING NO. 12527499	
N.S.N. DRAWING NO. 39400-362	
SHEET 1 OF 25	

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C1

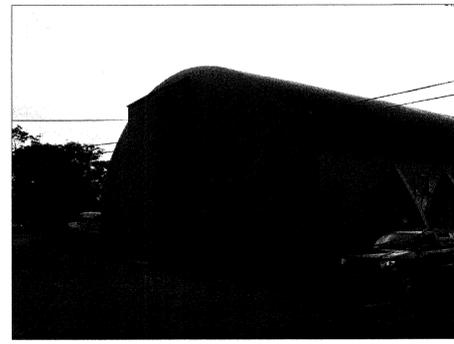
REPRESENTITIVE PHOTOGRAPHS



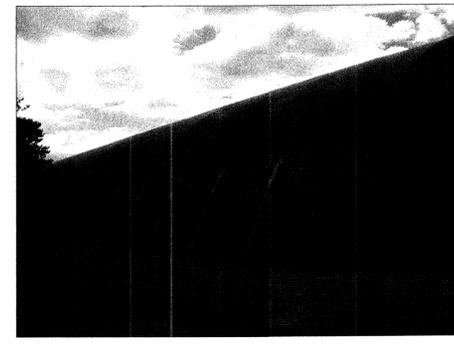
1 SOUTHWEST ELEVATION



2 WEST ELEVATION



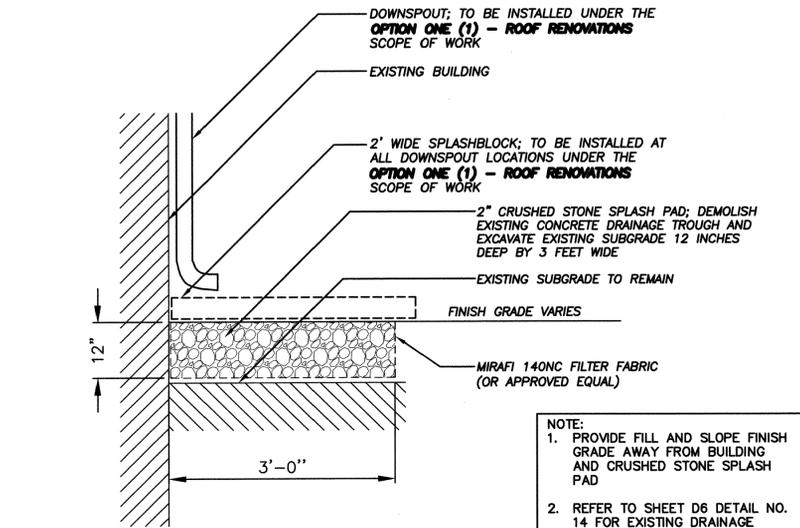
3 NORTH ELEVATION



4 NORTHEAST ELEVATION

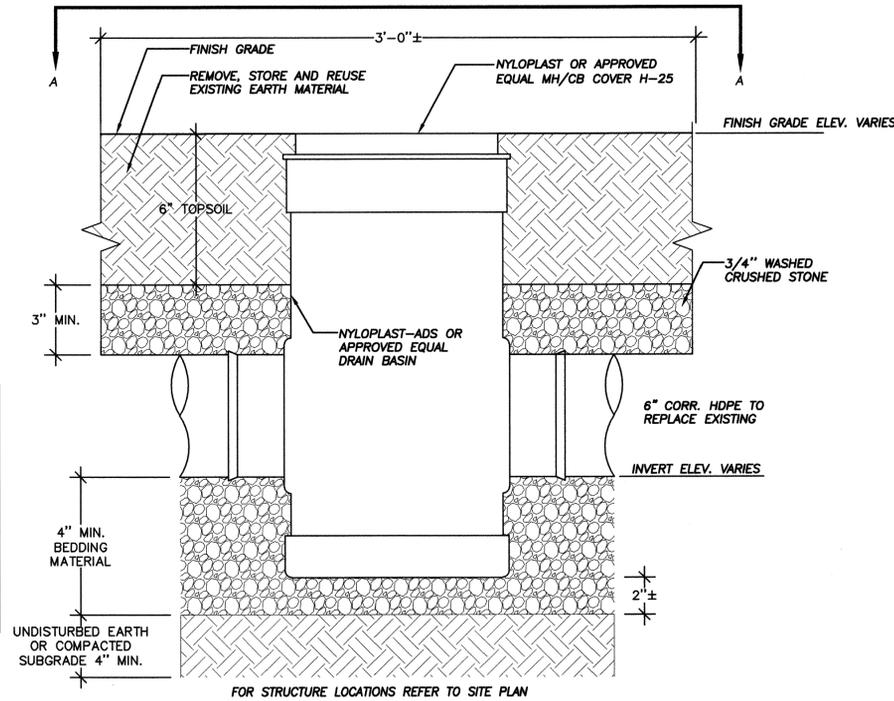


5 SOUTHEAST ELEVATION

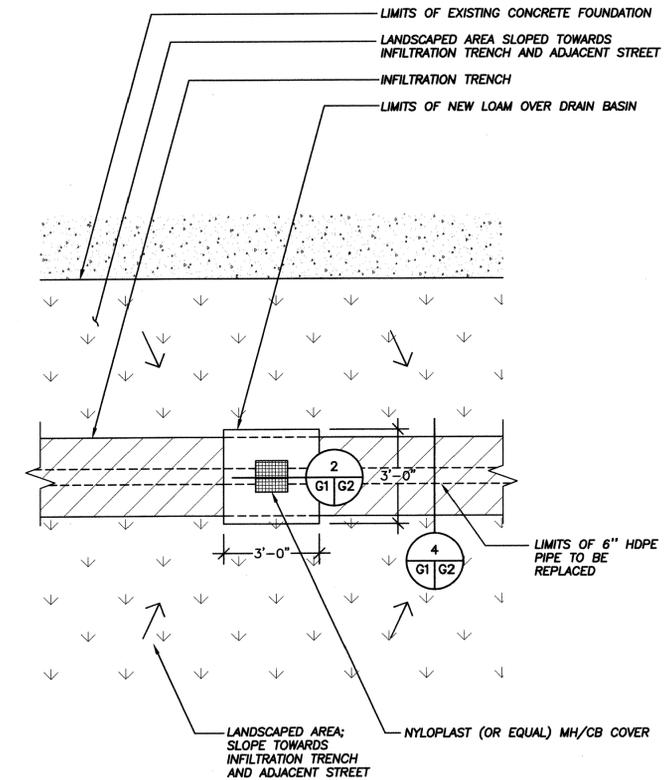


1 CRUSHED STONE SPLASH PAD SECTION DETAIL
SCALE: NOT TO SCALE
ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING

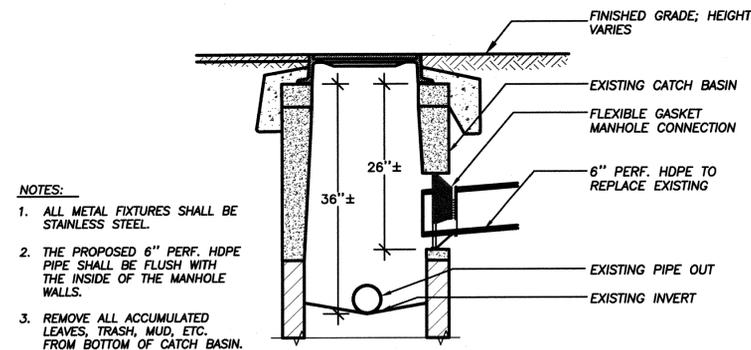
NOTE:
1. PROVIDE FILL AND SLOPE FINISH GRADE AWAY FROM BUILDING AND CRUSHED STONE SPLASH PAD
2. REFER TO SHEET D6 DETAIL NO. 14 FOR EXISTING DRAINAGE TROUGH REMOVAL
3. DOWNSPOUTS AND ACCESSORIES WILL REQUIRE REMOVAL AND REINSTALLATION IF ONLY THE **BASE BID - EXTERIOR WALL RENOVATIONS AND WINDOW REPLACEMENT** SCOPE OF WORK IS SELECTED.



2 PVC AREA DRAIN
SCALE: NOT TO SCALE
ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING

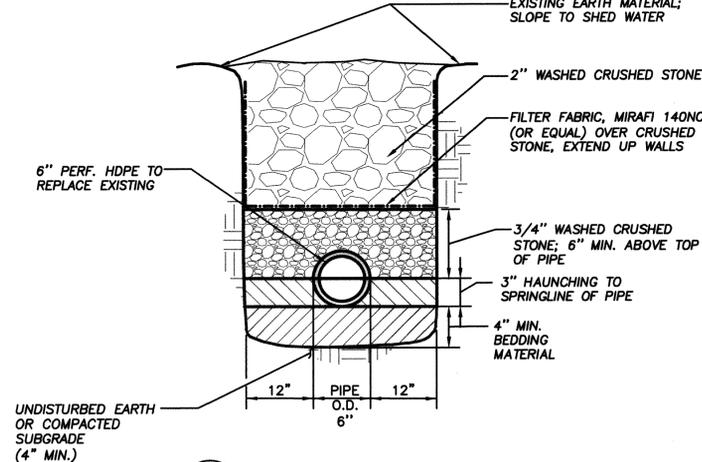


SECTION A-A - PVC AREA DRAIN PLAN VIEW



NOTES:
1. ALL METAL FIXTURES SHALL BE STAINLESS STEEL.
2. THE PROPOSED 6" PERF. HDPE PIPE SHALL BE FLUSH WITH THE INSIDE OF THE MANHOLE WALLS.
3. REMOVE ALL ACCUMULATED LEAVES, TRASH, MUD, ETC. FROM BOTTOM OF CATCH BASIN.

3 PIPE CONNECTION TO EXISTING MANHOLE DETAIL
SCALE: NOT TO SCALE
ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING



4 HDPE INFILTRATION TRENCH DETAIL
SCALE: NOT TO SCALE
ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING

SCOPE OF WORK NOTES

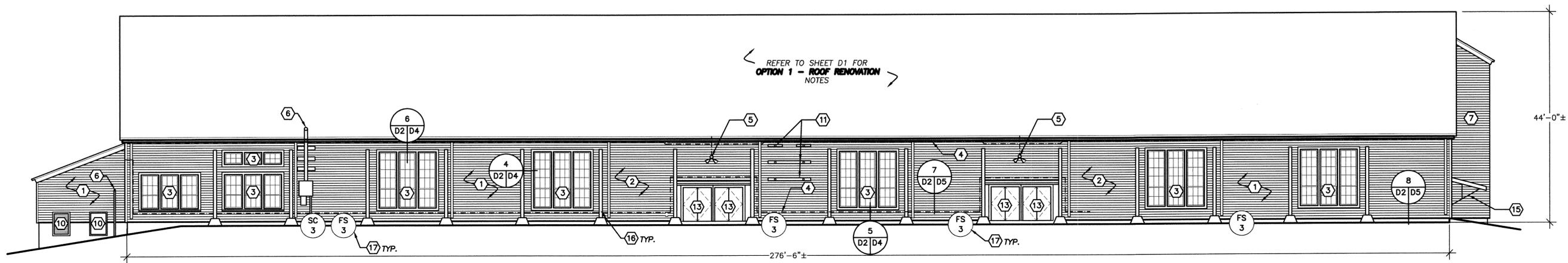
UNLESS DESIGNATED OTHERWISE, ALL WORK SHOWN ON THIS SHEET SHALL BE PERFORMED UNDER THE **OPTION TWO (2) - SITE DRAINAGE** SCOPE OF WORK IF SO SELECTED BY THE CONTRACTING OFFICER.

OTHER OPTIONS SHOWN ON THIS SHEET:
OPTION ONE (1) - ROOF RENOVATIONS

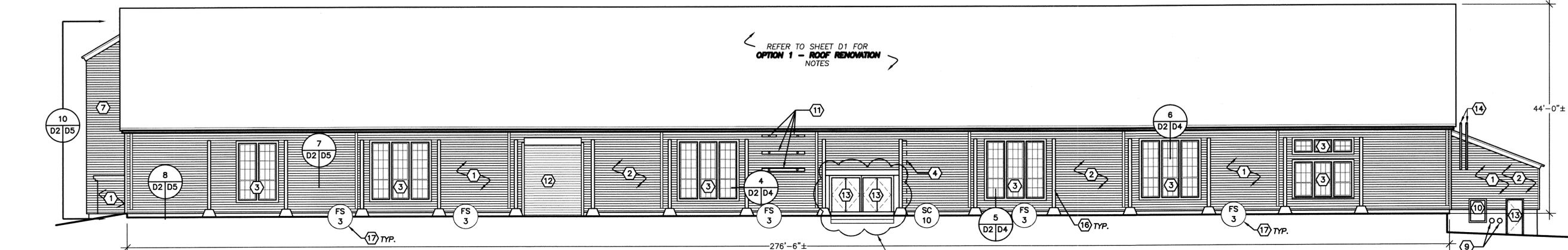
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G2

DESIGN: CAD	CH:JFL	DATE	APPROVED
DR: CMF/JDS		DATE	APPROVED
BR: HD		DATE	APPROVED
DIV: HD		DATE	APPROVED
APPROVED		DATE	APPROVED
DATE		DATE	APPROVED
SYMBOL		DATE	APPROVED
DESCRIPTION		DATE	APPROVED
REVISIONS		DATE	APPROVED
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL STATION NEWPORT, RI FULL EXTERIOR REPAIRS FOR BUILDING 302, CP NAVAL STATION, NEWPORT, RI SITE PHOTOGRAPHS AND DETAILS			
CODE IDENT. NO. DRAWING SIZE: D SCALE: NOT TO SCALE CONST. CONTRACT NO. PROJECT 568709 SPEC. 568709 NAVFAC DRAWING NO. 12527502 N.S.N. DRAWING NO. 39403-362 SHEET 4 OF 25			



1 EAST ELEVATION
SCALE: 3/32" = 1'-0"±



2 WEST ELEVATION
SCALE: 3/32" = 1'-0"±

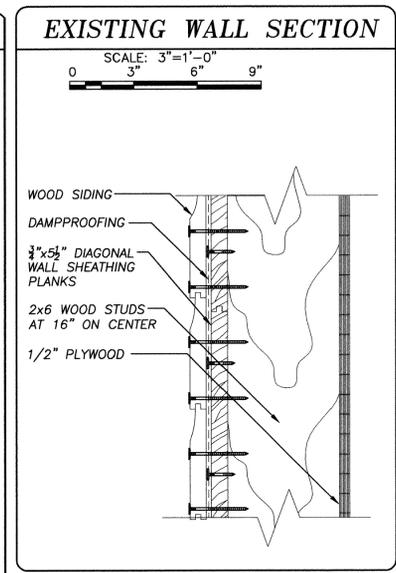
OPTION 4 - DOOR RENOVATIONS - REMOVE INTERIOR DOOR LEAFS AT MAIN ENTRANCE VESTIBULE

LEGEND

- DETAIL INDICATOR
- WOOD SIDING
- LIGHT/CONDUIT
- GUTTER AND DOWNSPOUT
- ARCH AND CONCRETE BASE PAD; REFER TO SHEET A6 FOR RENOVATION NOTES
- DOOR LEAF; REFER TO SHEET A4 AND A5 FOR RENOVATION NOTES
- WINDOW, CONFIGURATION AND SIZE MAY VARY; REFER TO SHEET A4 AND A5 FOR RENOVATION NOTES
- FAILED SEALANT JOINT - REMOVE DETERIORATED SEALANT AND BACKING MATERIALS AT CONCRETE FOUNDATION WALL
- SPALLED CONCRETE - REMOVE DETERIORATED CONCRETE TO SOUND SUBSTRATE

REMOVAL NOTES

- 1 REMOVE EXISTING SIDING, SHEATHING, DAMPPROOFING, CORNER BOARDS AND TRIM ON ALL ELEVATIONS. NOTE THAT EXISTING EXTERIOR WALL COMPONENTS CONTAIN LEAD PAINT. EXTERIOR WALL REMOVAL SHALL BE IN ACCORDANCE WITH SECTION 02 83 13.00 20 OF THE SPECIFICATIONS. REMOVE, STORE AND REINSTALL EXISTING DOWNSPOUTS AND ACCESSORIES IF **OPTION 1 - ROOF RENOVATIONS** NOT SELECTED.
- 2 REMOVE THE LOWER 24 INCHES OF EVERY WOOD STUD FOR THE ENTIRE BUILDING; REFER TO DETAIL 8 ON SHEET D5 FOR ADDITIONAL INFORMATION.
- 3 REMOVE ALL EXISTING WINDOWS, TRIM AND SILLS. REFER TO SHEETS A4 AND A5 FOR WINDOW DEMOLITION AND REPAIR NOTES. NOTE THAT EXISTING WINDOW COMPONENTS CONTAIN LEAD PAINT AND ASBESTOS GLAZING COMPOUND. WINDOW REMOVAL SHALL BE PERFORMED BY A LICENSED ASBESTOS CONTRACTOR IN ACCORDANCE WITH SECTION 02 82 16.00 20 OF THE SPECIFICATIONS.
- 4 REMOVE ELECTRICAL/TELEPHONE/LIGHTING WIRES, CONDUITS AND ALL OTHER APPURTANCES FROM SIDING TO PERFORM THE WORK.
- 5 REMOVE EXTERIOR MOUNTED LIGHTS REFER TO SHEET E-1 FOR SCOPE OF ELECTRICAL RENOVATIONS.
- 6 TEMPORARILY SUPPORT ELECTRICAL METERS, CONDUITS AND BOXES
- 7 DEMOLISH EXISTING STORAGE SHED.
- 8 NOT USED FOR THIS SHEET.
- 9 REMOVE STEAM PIPE JACKET AND INSULATION.
- 10 REMOVE LOUVERS TO INFILL PANELS.
- 11 TEMPORARILY SUPPORT BACKBOARD AND REMOVE ATTACHMENT SUPPORT WOOD AND FASTENERS. REMOVE AND STORE BACKBOARD, WOOD AND FASTENERS.
- 12 REMOVE EXTERIOR MOUNTED METAL ROLL UP DOOR AND FRAME. EXISTING INTERIOR ROLL UP DOOR TO REMAIN. SILL CAULKING AT ROLL UP DOOR THRESHOLD CONTAINS ASBESTOS. REMOVAL SHALL BE IN ACCORDANCE WITH SECTION 02 82 16.00 20 OF THE SPECIFICATIONS.
- 13 **OPTION 4** - REMOVE DOOR HARDWARE, CLOSURES AND KICKPLATES. REMOVE AND STORE EXISTING DOOR LEAFS FOR REINSTALLATION. REMOVE INTERIOR DOOR LEAFS AT MAIN ENTRANCE VESTIBULE. REMOVE EXISTING PAINT FROM DOOR LEAFS. NOTE THAT EXISTING DOOR LEAF PAINT CONTAINS LEAD. PAINT REMOVAL SHALL BE IN ACCORDANCE WITH SECTION 02 83 13.00 20 OF THE SPECIFICATIONS. REFER TO SHEETS A4 AND A5 FOR DOOR DEMOLITION AND REPAIR NOTES.
- 14 REMOVE AND STORE MECHANICAL VENTILATORS AND PIPES FOR REINSTALLATION.
- 15 REMOVE AND STORE ROOF SUPPORT BRACKETS FOR REINSTALLATION.
- 16 **OPTION 3** - REMOVE EXISTING PAINT FROM STEEL PLATE TRUSS ARCH CLADDING, UNDERSIDES OF WOOD TRUSS ARCHES AND CONCRETE BASE PADS. NOTE THAT EXISTING ARCH COMPONENT AND CONCRETE BASE PAD PAINT CONTAINS LEAD. PAINT REMOVAL SHALL BE IN ACCORDANCE WITH SECTION 02 83 13.00 20
- 17 ASBESTOS CONTRACTOR TO REMOVE EXPANSION JOINT SEALANT IN ACCORDANCE WITH SECTION 02 82 16.00 20 OF THE SPECIFICATIONS.

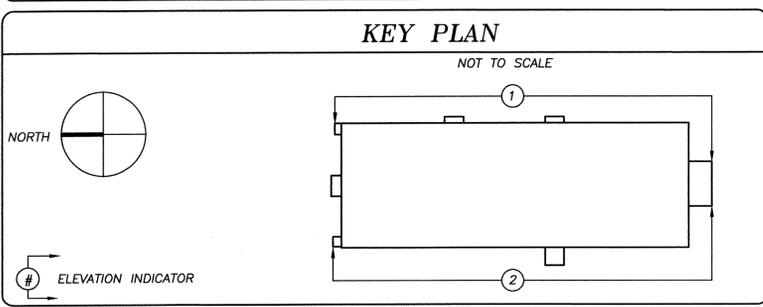


GENERAL NOTES

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2. FOR THE SAKE OF CLARITY, EACH INDIVIDUAL REMOVAL DETAIL ON THE ELEVATION PLAN HAS NOT BEEN INDICATED. REMOVAL DETAILS HAVE BEEN INDICATED FOR TYPICAL COMPONENTS AT RANDOM LOCATIONS. REMOVAL DETAILS NOT DEPICTED SHALL BE PERFORMED IN A MANNER CONSISTENT WITH THE DETAIL DRAWINGS.
3. HATCH PATTERNS ARE FOR REPRESENTATION ONLY AND SHOULD NOT BE USED AS A MEANS FOR QUANTIFYING (i.e. INDIVIDUAL SIDING PLANKS SHOULD NOT BE COUNTED FROM THE HATCH PATTERN SHOWN ON THE ELEVATION DRAWINGS).
4. DISCREPANCIES NOTED BY THE CONTRACTOR IN THE DRAWINGS OR SPECIFICATIONS MUST BE BROUGHT TO THE NAVY'S ATTENTION PRIOR TO BID SUBMISSION.
5. ALL ITEMS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS APPLICABLE TO THE PROJECT.
6. THE CONTRACTOR SHALL REPORT DETERIORATED OR UNSUITABLE STRUCTURAL SUPPORTS OR SUBSTRATES TO THE NAVY PRIOR TO PERFORMING SIDING INSTALLATION WORK.
7. THE CONTRACTOR IS CAUTIONED THAT DUE TO BUILDING OCCUPANCY, THE NAVY REQUIRES COMPLIANCE ON WORK HOURS, SCHEDULING, SET-UP, CLEANUP, PARKING, SECURITY, ETC. REFER TO SPECIFICATIONS FOR NAVY REQUIREMENTS.
8. NOTIFY THE NAVY OF WORK LOCATIONS A MINIMUM OF 72 HOURS IN ADVANCE IN ORDER THAT OCCUPANCY AT THE WORK AREAS MAY BE CONTROLLED.
9. SIDING AND FLASHING SHALL BE 100% WEATHER TIGHT ON A DAILY BASIS. REMOVE ONLY AS MUCH SIDING AS CAN BE REPLACED ON THE SAME DAY. PHASED CONSTRUCTION IS NOT PERMITTED.
10. REFER TO THE SPECIFICATIONS FOR HAZARDOUS MATERIAL DEMOLITION AND HANDLING.
11. THE BUILDING SHALL BE MAINTAINED IN A DUST FREE CONDITION. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY PROTECTION TO ENSURE THE INTERIOR OF THE BUILDING REMAINS DUST FREE. NO DEMOLITION CAN PROCEED UNTIL AN APPROVED TEMPORARY PROTECTION SYSTEM IS IN PLACE.

HAZARDOUS MATERIALS

MATERIAL	LOCATION
LEAD PAINT	METAL RAILING PAINT, METAL CANOPY SUPPORT PAINT AT MAIN ENTRANCE, WOOD TRIM PAINT, DOOR FRAME PAINT, DOOR LEAF PAINT, WOOD SIDING PAINT, SASH PAINT, WINDOW CASING PAINT, WINDOW SILL PAINT, WOOD SUPPORT PAINT AT OVERHANGS, LOUVER PAINT, STEEL ARCH PAINT, CONCRETE BASE PAD PAINT AND TRIM PAINT.
ASBESTOS	ROOF VENT PIPE SEALANT, WINDOW GLAZING COMPOUND, FOUNDATION CONTROL/EXPANSION JOINT SEALANT, SEALANT AT ROLL UP DOOR THRESHOLD
PCB	PCB'S WERE DETECTED IN WINDOW CAULKING AND WINDOW GLAZING IN NON-HAZARDOUS LEVELS (5.6 PPM AND 3.4 PPM). DISPOSE OF WINDOW CAULKING AND GLAZING IN CONFORMANCE WITH APPLICABLE STATE AND FEDERAL REGULATIONS REGARDING PCB AND ASBESTOS CONTAINING MATERIALS.



BID STRUCTURE NOTES

UNLESS DESIGNATED OTHERWISE, ALL WORK SHOWN ON THIS SHEET SHALL BE PERFORMED UNDER THE **BASE BID - EXTERIOR WALL RENOVATIONS AND WINDOW REPLACEMENT** SCOPE OF WORK IF SO SELECTED BY THE CONTRACTING OFFICER

OTHER OPTIONS SHOWN ON THIS SHEET:
OPTION THREE (3) - ARCH REPAIR WORK
OPTION FOUR (4) - DOOR RENOVATIONS

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GRAPHIC SCALES

SCALE: 3/32"=1'-0"

SCALE: 3"=1'-0"

DEPARTMENT OF THE NAVY

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL STATION NEWPORT, R.I.

CH:JFL

DSSN. CAD DR. CMF/CAD BR. HD. DIV. HD.

APPROVED DATE 12/19/2008

7/11

SYMBOL DESCRIPTION REVISIONS

CODE IDENT. NO.

DRAWING SIZE: D

SCALE: AS NOTED

CONST. CONTRACT NO.

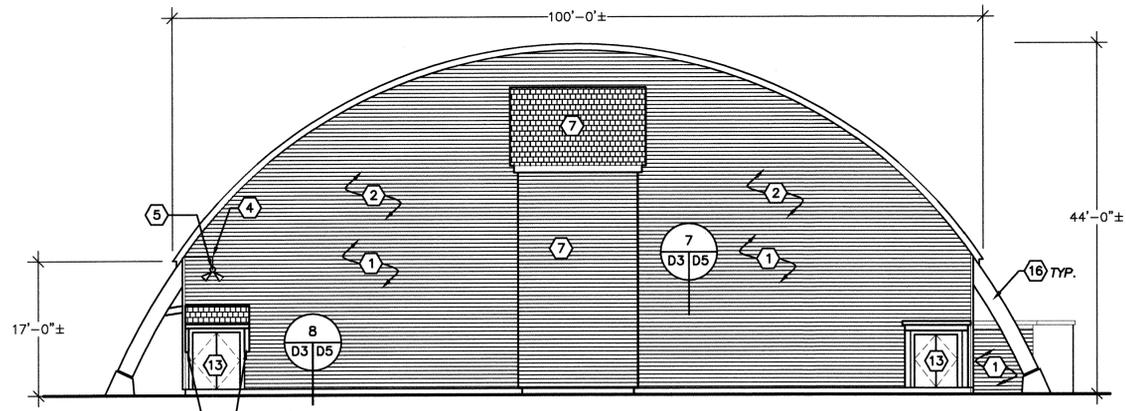
PROJECT 568709

SPEC. 568709

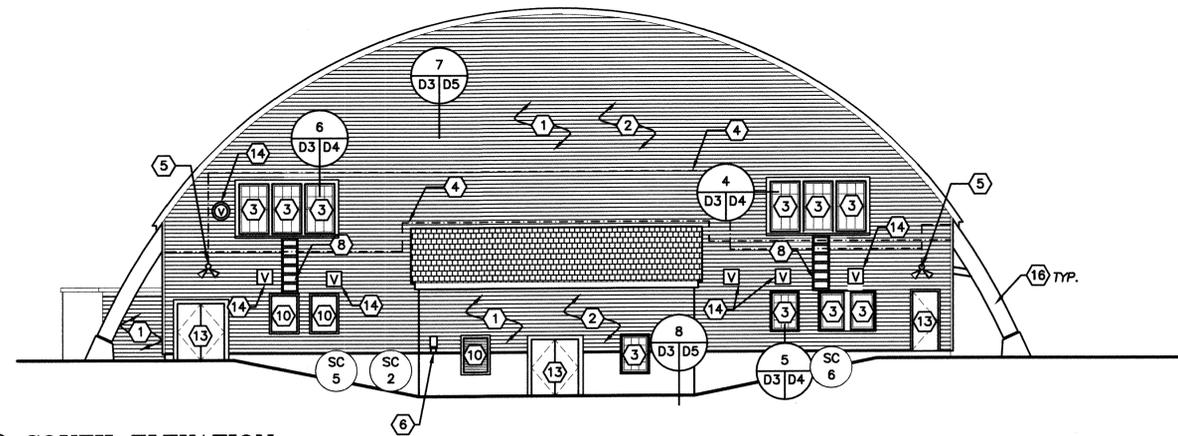
NAVFAV DRAWING NO. 12527504

N.S.N. DRAWING NO. 39405-362

SHEET 6 OF 25



3 NORTH ELEVATION
SCALE: 3/32" = 1'-0"±



4 SOUTH ELEVATION
SCALE: 3/32" = 1'-0"±

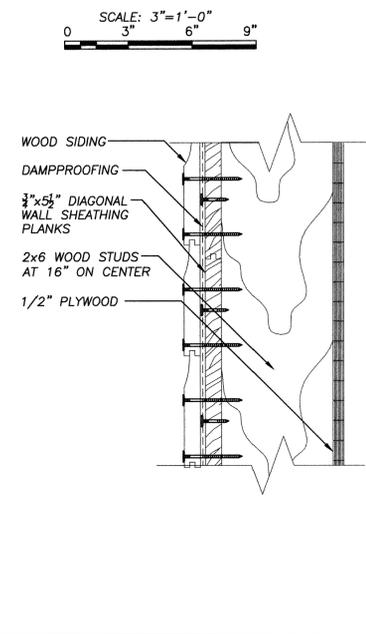
LEGEND

- DETAIL INDICATOR
- WOOD SIDING
- ASPHALT SHINGLE ROOF
- LIGHT/CONDUIT
- VENT
- ARCH AND CONCRETE BASE PAD; REFER TO SHEET A6 FOR RENOVATION NOTES
- DOOR LEAF; REFER TO SHEET A4 AND A5 FOR RENOVATION NOTES
- WINDOW, CONFIGURATION AND SIZE MAY VARY; REFER TO SHEET A4 AND A5 FOR RENOVATION NOTES
- SPALLED CONCRETE—REMOVE DETERIORATED CONCRETE TO SOUND SUBSTRATE
INDICATES QUANTITY IN SQUARE FEET

REMOVAL NOTES

- 1 REMOVE EXISTING SIDING, SHEATHING, DAMPPROOFING, CORNER BOARDS AND TRIM ON ALL ELEVATIONS. NOTE THAT EXISTING EXTERIOR WALL COMPONENTS CONTAIN LEAD PAINT. EXTERIOR WALL REMOVAL SHALL BE IN ACCORDANCE WITH SECTION 02 83 13.00 20 OF THE SPECIFICATIONS. REMOVE, STORE AND REINSTALL EXISTING DOWNSPOUTS AND ACCESSORIES IF **OPTION 1 - ROOF RENOVATIONS** NOT SELECTED.
- 2 REMOVE THE LOWER 24 INCHES OF EVERY WOOD STUD FOR THE ENTIRE BUILDING. REMOVE 100% OF THE WOOD SILL FOR THE ENTIRE BUILDING; REFER TO DETAIL 8 ON SHEET D5 FOR ADDITIONAL INFORMATION.
- 3 REMOVE ALL EXISTING WINDOWS, TRIM AND SILLS. REFER TO SHEETS A4 AND A5 FOR WINDOW DEMOLITION AND REPAIR NOTES. NOTE THAT EXISTING WINDOW COMPONENTS CONTAIN LEAD PAINT AND ASBESTOS GLAZING COMPOUND. WINDOW REMOVAL WILL BE PERFORMED BY A LICENSED ASBESTOS CONTRACTOR IN ACCORDANCE WITH SECTION 02 82 16.00 20 OF THE SPECIFICATIONS.
- 4 REMOVE ELECTRICAL/TELEPHONE/LIGHTING WIRES AND CONDUITS FROM SIDING TO PERFORM THE WORK.
- 5 REMOVE EXTERIOR MOUNTED LIGHTS REFER TO SHEET E-1 FOR SCOPE OF ELECTRICAL RENOVATIONS.
- 6 NOT USED FOR THIS SHEET.
- 7 DEMOLISH EXISTING STORAGE SHED.
- 8 REMOVE WOOD ACCESS LADDERS AND ATTACHMENT HARDWARE.
- 9 NOT USED FOR THIS SHEET.
- 10 REMOVE LOUVERS TO INFILL PANELS.
- 11 NOT USED FOR THIS SHEET.
- 12 NOT USED FOR THIS SHEET.
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- 15 REMOVE AND STORE ROOF SUPPORT BRACKETS FOR REINSTALLATION.
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- 17 NOT USED FOR THIS SHEET

EXISTING WALL SECTION



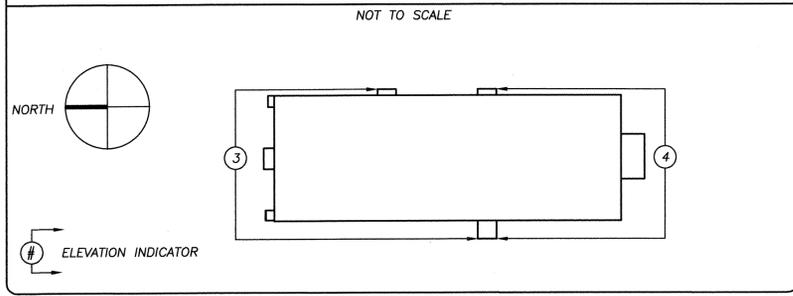
GENERAL NOTES

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8. NOTIFY THE NAVY OF WORK LOCATIONS A MINIMUM OF 72 HOURS IN ADVANCE IN ORDER THAT OCCUPANCY AT THE WORK AREAS MAY BE CONTROLLED.
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HAZARDOUS MATERIALS

MATERIAL	LOCATION
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ASBESTOS	ROOF VENT PIPE SEALANT, WINDOW GLAZING COMPOUND, FOUNDATION CONTROL/EXPANSION JOINT SEALANT, SEALANT AT ROLL UP DOOR THRESHOLD
PCB	PCB'S WERE DETECTED IN WINDOW CAULKING AND WINDOW GLAZING IN NON-HAZARDOUS LEVELS (5.6 PPM AND 3.4 PPM). DISPOSE OF WINDOW CAULKING AND GLAZING IN CONFORMANCE WITH APPLICABLE STATE AND FEDERAL REGULATIONS REGARDING PCB AND ASBESTOS CONTAINING MATERIALS.

KEY PLAN



BID STRUCTURE NOTES

UNLESS DESIGNATED OTHERWISE, ALL WORK SHOWN ON THIS SHEET SHALL BE PERFORMED UNDER THE **BASE BID - EXTERIOR WALL RENOVATIONS AND WINDOW REPLACEMENT** SCOPE OF WORK IF SO SELECTED BY THE CONTRACTING OFFICER

OTHER OPTIONS SHOWN ON THIS SHEET:
OPTION THREE (3) - ARCH REPAIR WORK
OPTION FOUR (4) - DOOR RENOVATIONS

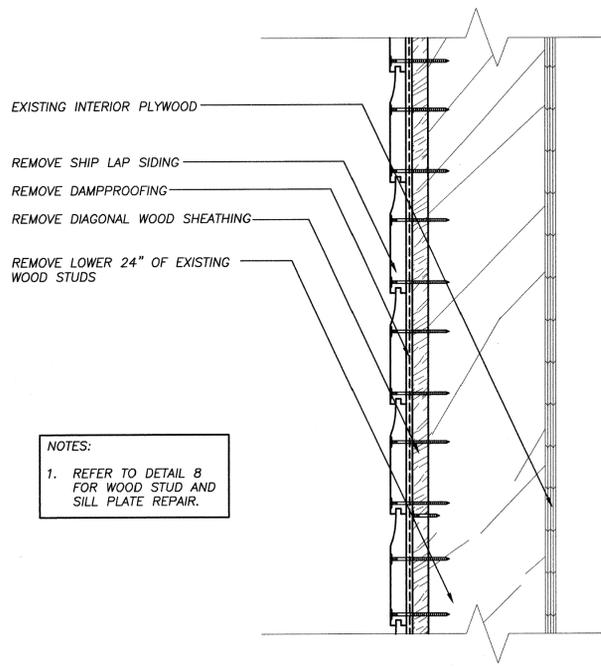
GALE
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 Engineers Architects Planners
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 781.335.6465 F 781.335.6467 www.gaic.com
 Boston Baltimore Orlando San Francisco

GRAPHIC SCALES
 0 3" 6" 9"
 SCALE: 3/32"=1'-0"
 0 3" 6" 9"
 SCALE: 3"=1'-0"

DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND
 NAVAL STATION NEWPORT, R.I.
 FULL EXTERIOR REPAIRS
 BUILDING 302, CP
 NAVAL STATION NEWPORT, RI
 WALL REMOVAL PLAN

CH:JFL
 CMF/CAD
 BR. HD.
 DIV. HD.
 DATE 12/19/2008
 APPROVED
 SYMBOL
 DESCRIPTION
 REVISIONS

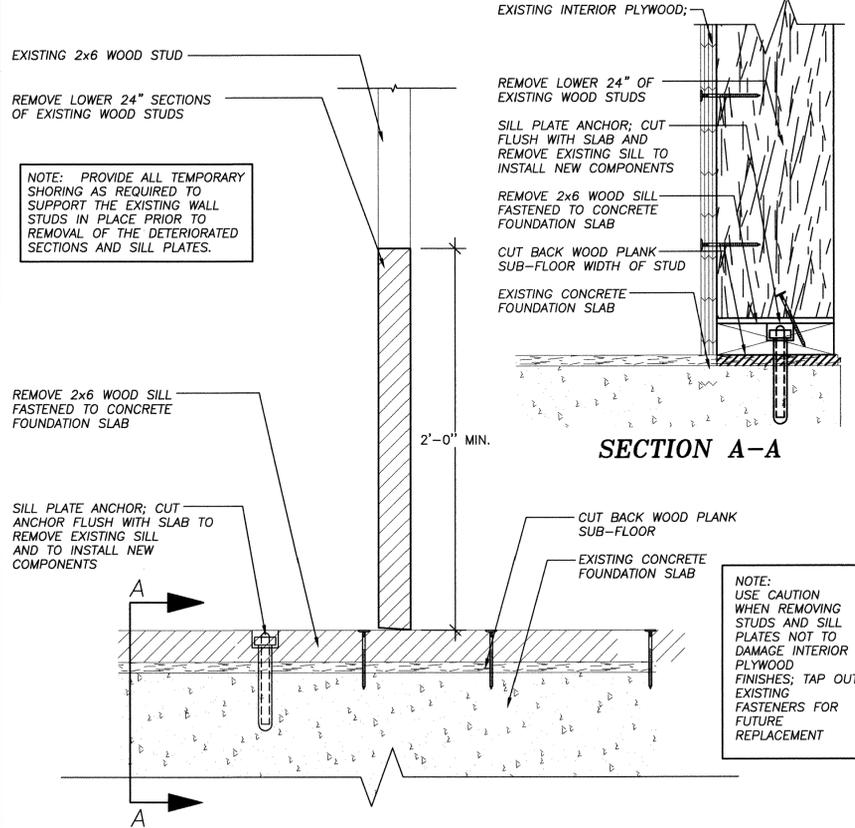
CODE IDENT. NO.
 DRAWING SIZE: D
 SCALE: AS NOTED
 CONST. CONTRACT NO.
 PROJECT 568709
 SPEC. 568709
 NAVFAC DRAWING NO. 12527505
 N.S.N. DRAWING NO. 39406-362
 SHEET 7 OF 25



NOTES:
1. REFER TO DETAIL 8 FOR WOOD STUD AND SILL PLATE REPAIR.

7 EXISTING WALL ASSEMBLY
SCALE: 3" = 1'-0"
NOTE: ALL ITEMS DESIGNATED AS EXISTING SHALL REMAIN UNLESS OTHERWISE NOTED

BASE BID ONLY

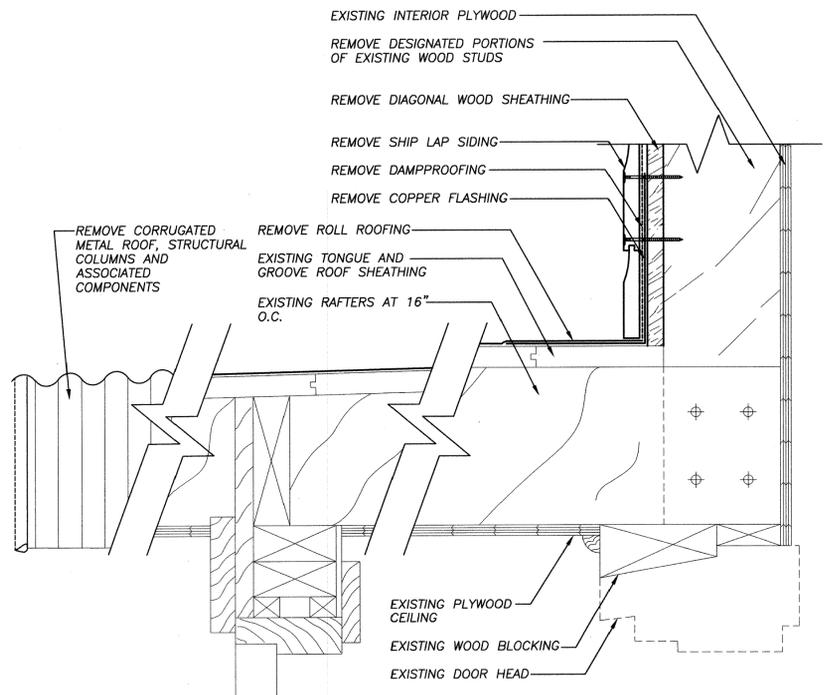


NOTE: PROVIDE ALL TEMPORARY SHORING AS REQUIRED TO SUPPORT THE EXISTING WALL STUDS IN PLACE PRIOR TO REMOVAL OF THE DETERIORATED SECTIONS AND SILL PLATES.

NOTE: USE CAUTION WHEN REMOVING STUDS AND SILL PLATES NOT TO DAMAGE INTERIOR PLYWOOD FINISHES; TAP OUT EXISTING FASTENERS FOR FUTURE REPLACEMENT

8 EXISTING WOOD STUD AND SILL PLATE
SCALE: 3" = 1'-0"
NOTE: ALL ITEMS DESIGNATED AS EXISTING SHALL REMAIN UNLESS OTHERWISE NOTED

BASE BID ONLY

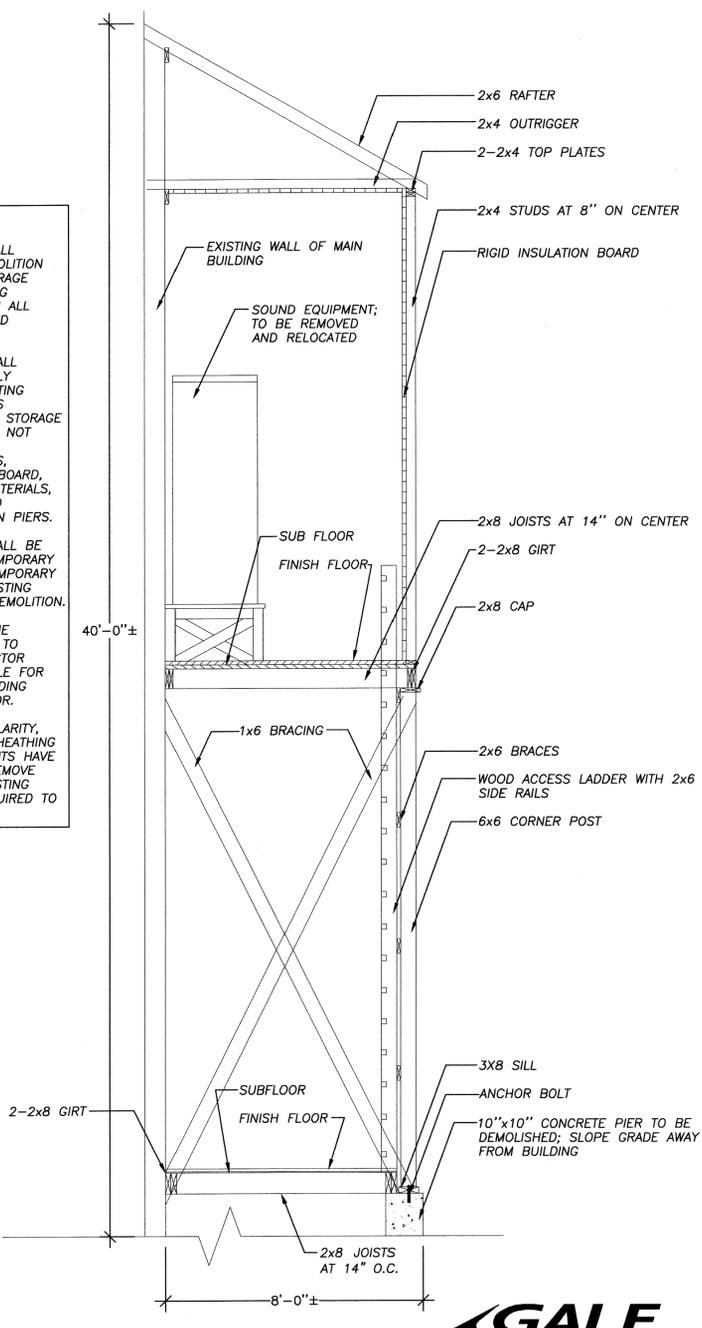


9 MAIN ENTRANCE CANOPY
SCALE: 3" = 1'-0"
NOTE: ALL ITEMS DESIGNATED AS EXISTING SHALL REMAIN UNLESS OTHERWISE NOTED

BASE BID ONLY

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- NOTES:
1. THE CONTRACTOR SHALL COORDINATE THE DEMOLITION OF THE EXISTING STORAGE SHED AND SUPPORTING CONCRETE PIERS WITH ALL OTHER DEMOLITION AND RENOVATION WORK.
 2. THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL EXISTING BUILDING COMPONENTS ASSOCIATED WITH THE STORAGE SHED INCLUDING, BUT NOT LIMITED TO: SIDING, DAMPPROOFING, STUDS, INTERIOR INSULATION BOARD, RAFTERS, ROOFING MATERIALS, FLOORS, BRACING AND CONCRETE FOUNDATION PIERS.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY SHORING AND THE TEMPORARY SUPPORT OF THE EXISTING STRUCTURE DURING DEMOLITION.
 4. FOR PORTIONS OF THE BUILDING DESIGNATED TO REMAIN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE BUILDING INTERIOR AND EXTERIOR.
 5. FOR THE SAKE OF CLARITY, THE EXISTING WALL SHEATHING AND ROOF COMPONENTS HAVE NOT BEEN SHOWN. REMOVE AND DISPOSE OF EXISTING COMPONENTS AS REQUIRED TO COMPLETE THE WORK.



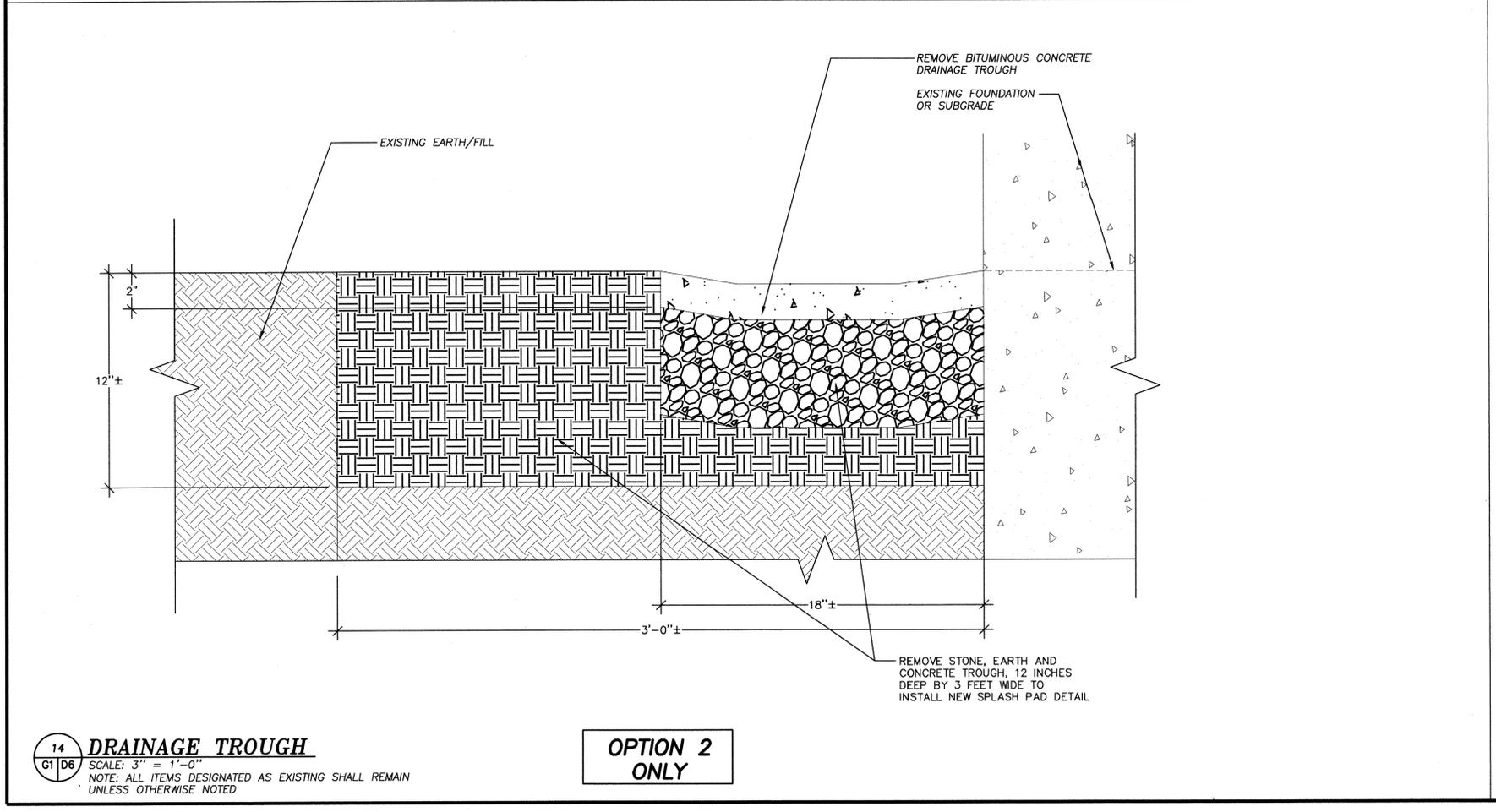
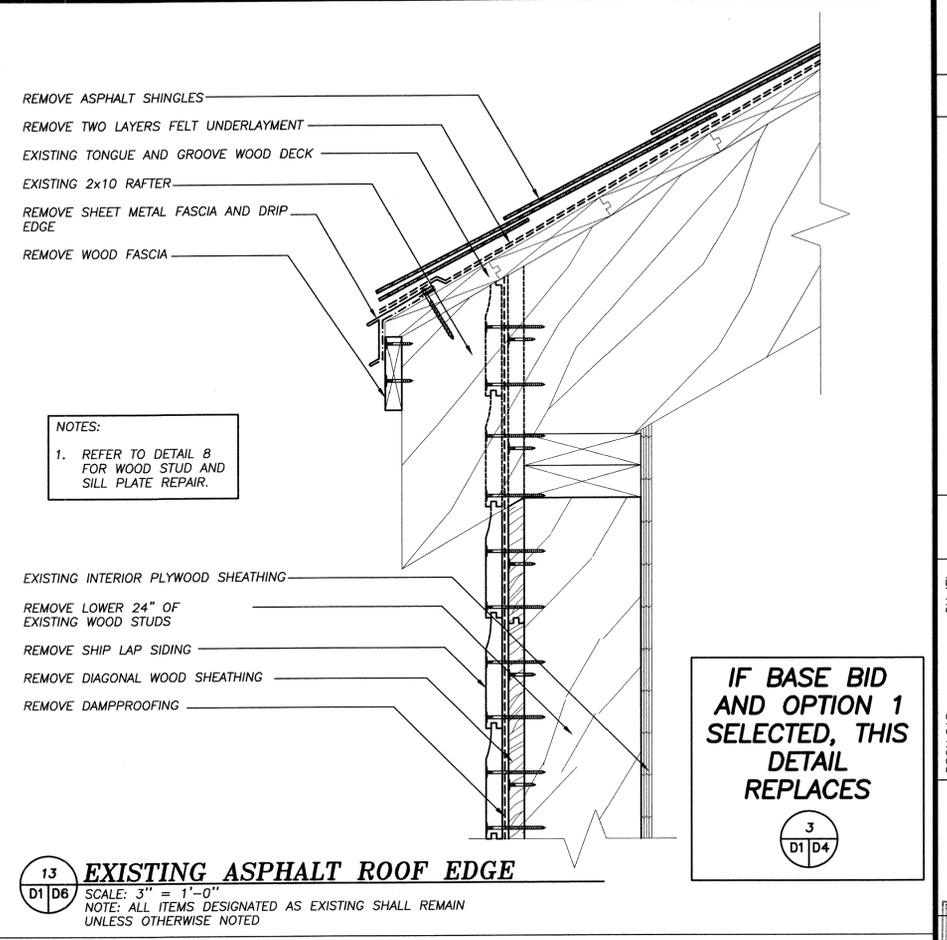
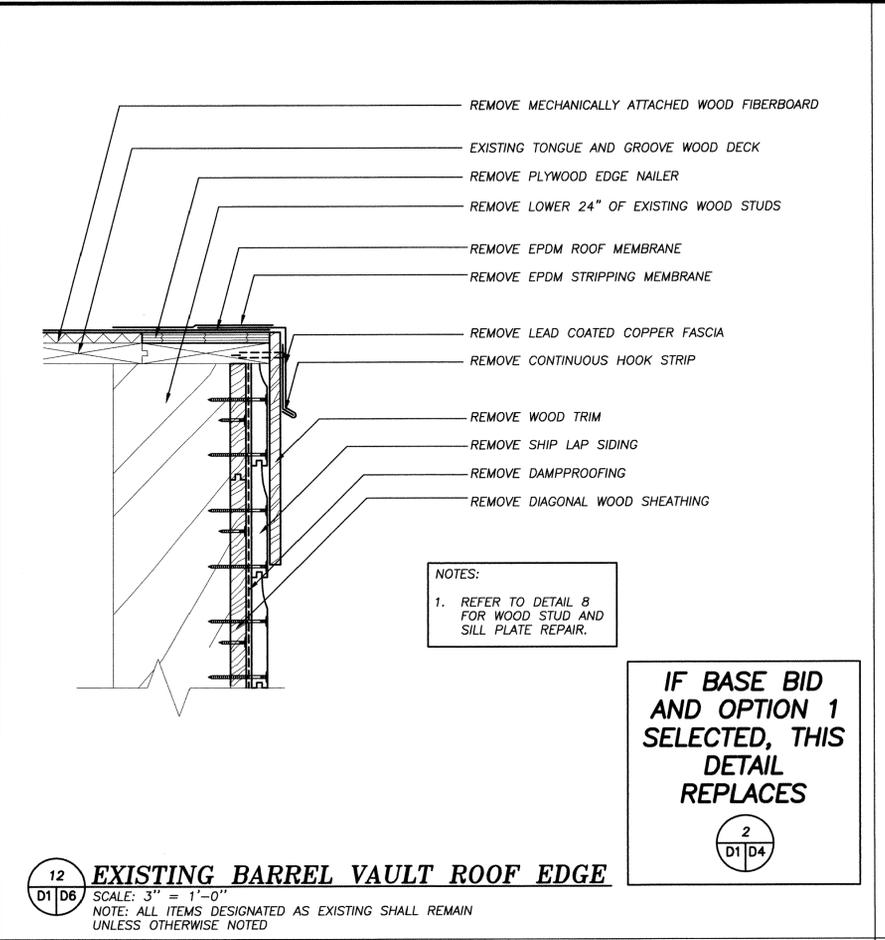
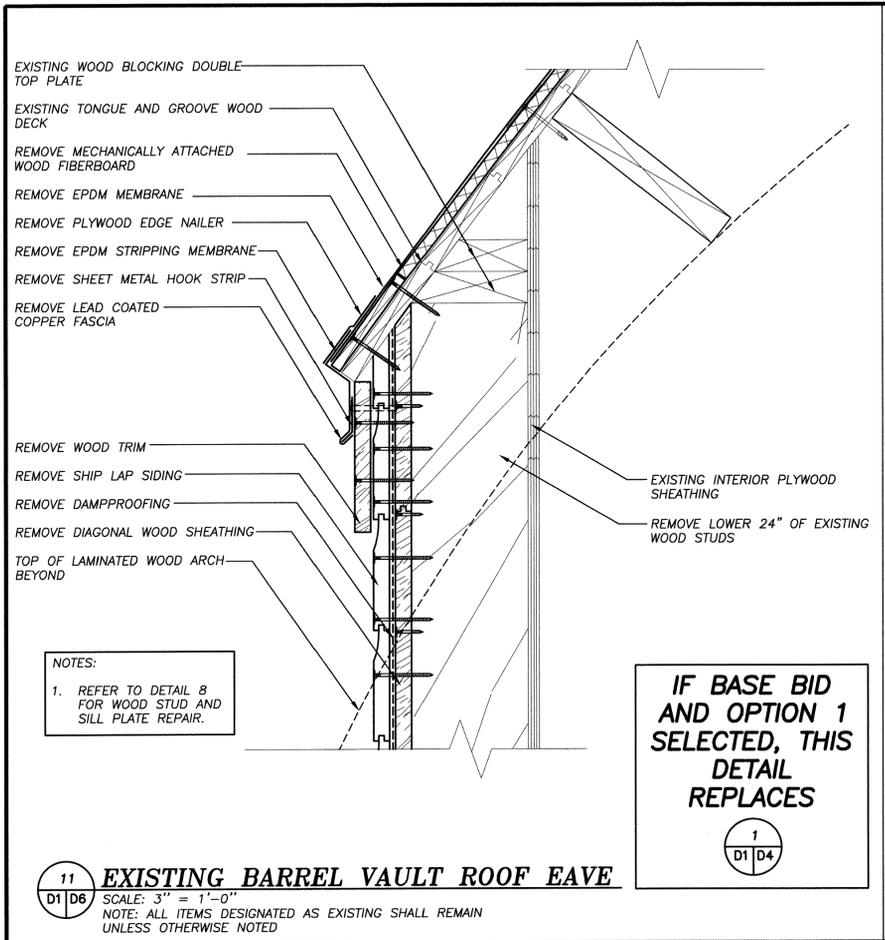
10 EXISTING STORAGE SHED BUILDING SECTION
SCALE: 3/8" = 1'-0"
NOTE: ALL ITEMS DESIGNATED AS EXISTING SHALL REMAIN UNLESS OTHERWISE NOTED

BASE BID ONLY

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Engineers Planners
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Boston Baltimore Orlando San Francisco

GRAPHIC SCALE
SCALE: 3" = 1'-0"
SCALE: 3/8" = 1'-0"

DESIGNER: CHJ/PL	CHECKED: [Signature]	DATE: 12/19/2008
DR. CAD	APPROVED: [Signature]	DATE: 12/19/2008
BR. HD.	DATE: 12/19/2008	SYMBOL: [Symbol]
DIV. HD.	DATE: 12/19/2008	REVISIONS: [Table]
DEPARTMENT OF THE NAVY NAVAL STATION NEWPORT, R.I. FULL EXTERIOR REPAIRS FOR BUILDING 302, CP NAVAL STATION, NEWPORT, RI REMOVAL DETAILS		
CODE IDENT. NO.	DRAWING SIZE: D	SCALE: AS NOTED
CONST. CONTRACT NO.	PROJECT 568709	SPEC. 568709
NAVFAV DRAWING NO. 12527507	N.S.N. DRAWING NO. 39408-362	SHEET 9 OF 25



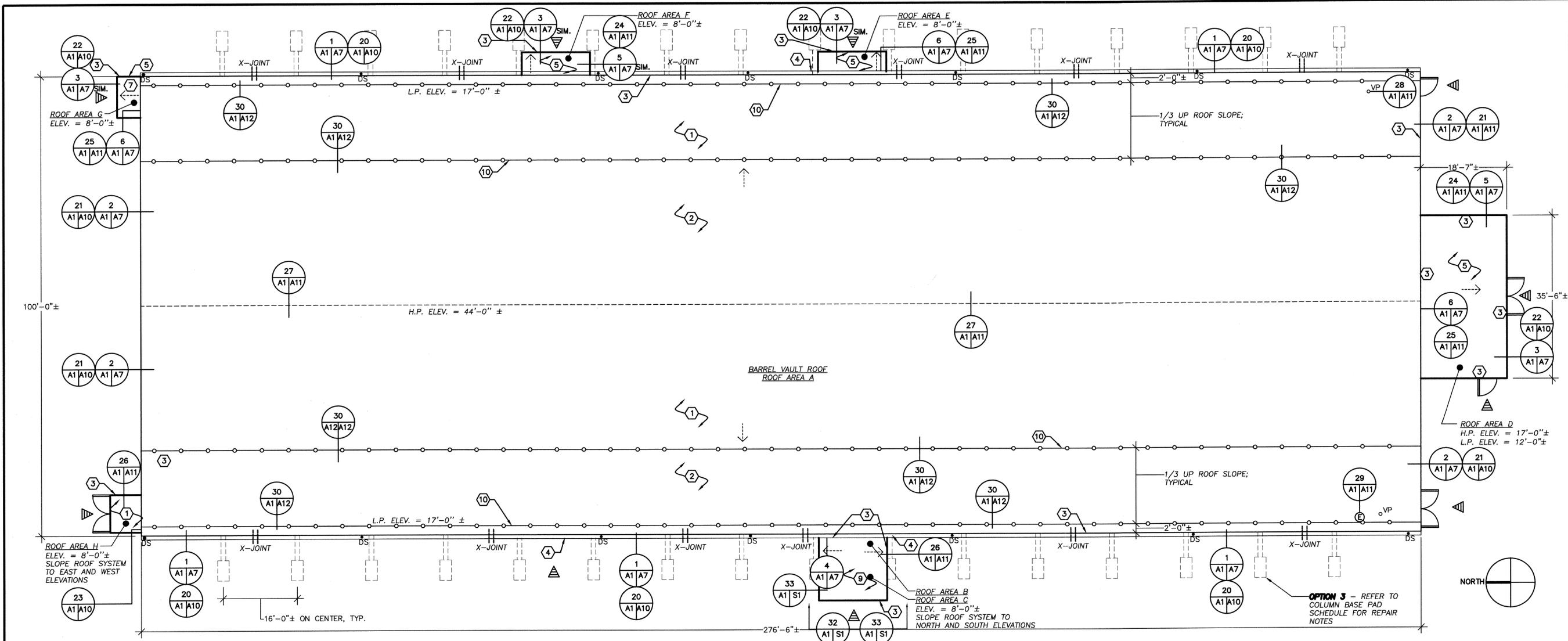
THIS SPACE INTENTIONALLY LEFT BLANK

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GRAPHIC SCALE
 0 3' 6' 9'
 SCALE: 3"=1'-0"

D6

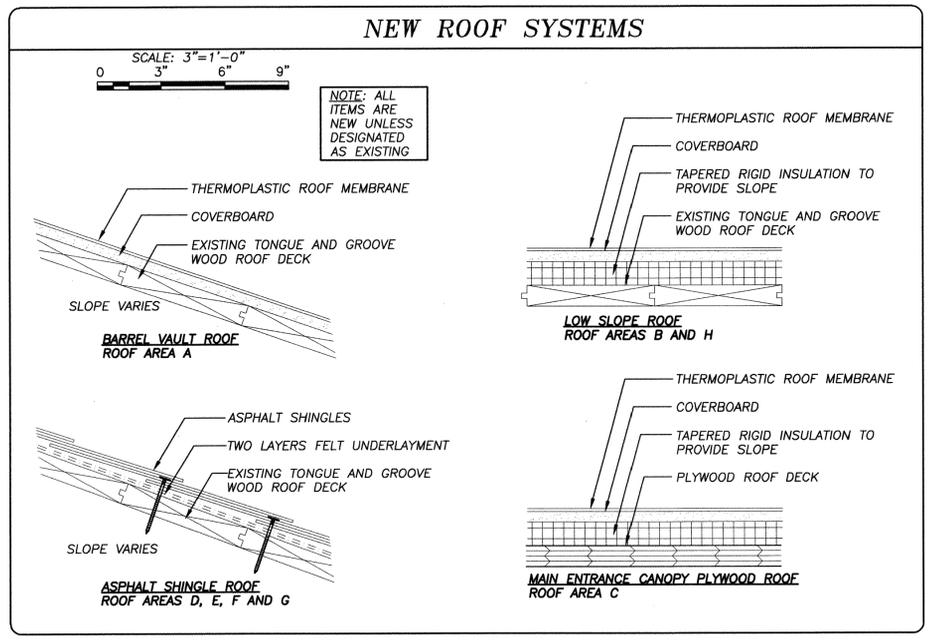
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DR: CAD	APPROVED: [Signature]	DATE: 12/19/2008
BR. HD.	SYMBOL	REVISIONS
DIV. I.D.	DATE	
PROJECT TO: NAVAL FACILITIES ENGINEERING COMMAND	PROJECT: NAVAL STATION NEWPORT, R.I.	PROJECT: 568709
PROJECT: NAVAL STATION NEWPORT, R.I.	PROJECT: FULL EXTERIOR REPAIRS FOR BUILDING 302, CP	SPEC: 568709
PROJECT: NAVAL STATION NEWPORT, R.I.	PROJECT: REMOVAL DETAILS	NAVFAC DRAWING NO. 12527508
PROJECT: NAVAL STATION NEWPORT, R.I.	PROJECT: REMOVAL DETAILS	N.S.N. DRAWING NO. 39409-362
PROJECT: NAVAL STATION NEWPORT, R.I.	PROJECT: REMOVAL DETAILS	SHEET 10 OF 25



DESIGN/CAD	CH:JFL
DR.	CAD
BR. HD.	
DIV. HD.	
APPROVED	<i>[Signature]</i>
DATE	12/18/2008
SYMBOL	
DESCRIPTION	REVISIONS
DATE	
APPROVED	
DATE	

LEGEND

	ROOF EDGE
	ROOF RIDGE
	GUTTER WITH DOWNSPOUT; PROVIDE ELBOWS/BENDS TO DIRECT WATER ONTO SPLASH BLOCKS
	GUTTER EXPANSION JOINT
	SNOWGUARDS (SCHEMATICALLY SHOWN)
	VENT PIPE
	EXHAUST FAN
	ENTRANCE
	STRUCTURAL SLOPE (DOWN)
$ELEV. = _ \pm$	ROOF ELEVATION RELATIVE TO GRADE WHICH IS ASSUMED TO BE ZERO FEET
L.P. ELEV. = $_ \pm$	LOW POINT ELEVATION
H.P. ELEV. = $_ \pm$	HIGH POINT ELEVATION
	DETAIL INDICATOR
	ARCH AND CONCRETE BASE PAD; REFER TO SHEET A6 FOR RENOVATION NOTES
	ACCESS DOOR



- ### INSTALLATION NOTES
- INSTALL FULLY ADHERED THERMOPLASTIC ROOF MEMBRANE AND FLASHINGS INCLUDING COVERBOARD.
 - INSTALL PLYWOOD NAILERS AT ROOF PERIMETER.
 - INSTALL SHEET METAL FASCIA TO PROPERLY TERMINATE THE ROOF MEMBRANE AT EAVES, RAKE EDGES, AND RISING WALLS.
 - INSTALL CONTINUOUS SHEET METAL GUTTERS, DOWNSPOUTS AND ACCESSORIES.
 - INSTALL ASPHALT SHINGLE ROOF SYSTEM INCLUDING FELT AND MODIFIED BITUMEN UNDERLAYMENTS.
 - NOT USED FOR THIS SHEET.
 - BASE BID** - INSTALL NEW PLYWOOD ROOF DECK AND ASPHALT SHINGLE ROOF SYSTEM INCLUDING FELT AND MODIFIED BITUMEN UNDERLAYMENTS.
 - NOT USED FOR THIS SHEET.
 - BASE BID** - INSTALL NEW PLYWOOD CANOPY ROOF DECK, FULLY ADHERED THERMOPLASTIC ROOF MEMBRANE, FLASHINGS, COVERBOARD AND SUPPORT STRUCTURE. REFER TO SHEET S1 FOR ADDITIONAL INFORMATION.
 - INSTALL CONTINUOUS SNOWGUARDS, BASE PLATES, PIPE RAILS, WOOD BLOCKING, AND ASSOCIATED ACCESSORIES.

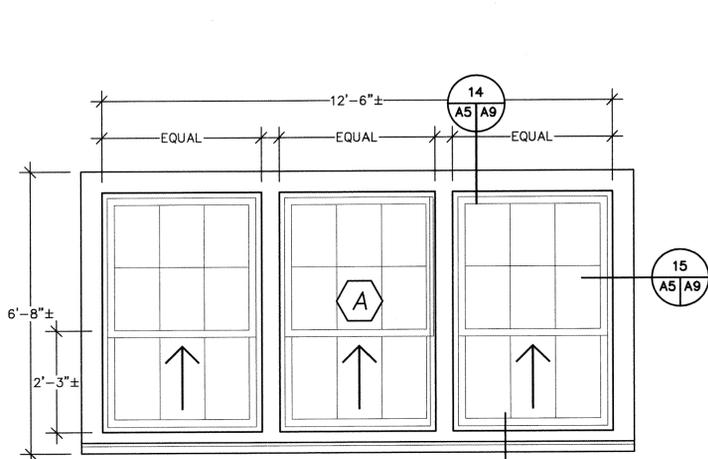
- ### GENERAL NOTES
- THE INFORMATION SHOWN ON THIS DRAWING HAS BEEN COMPILED FROM VARIOUS SOURCES, AND MAY NOT REFLECT THE ACTUAL CONDITIONS AT THE TIME OF CONSTRUCTION. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS SHOWN ON PLANS PRIOR TO COMMENCING WORK.
 - FOR THE SAKE OF CLARITY, EACH INDIVIDUAL DETAIL ON THE ROOF PLAN HAS NOT BEEN INDICATED. INSTALLATION DETAILS HAVE BEEN INDICATED FOR TYPICAL COMPONENTS AT RANDOM LOCATIONS. DETAILS NOT DEPICTED SHALL BE CONSTRUCTED IN A MANNER CONSISTENT WITH THE DETAIL DRAWINGS.
 - HATCH PATTERNS ARE FOR REPRESENTATION ONLY AND SHOULD NOT BE USED AS A MEANS FOR QUANTIFYING.
 - DISCREPANCIES NOTED BY THE CONTRACTOR IN THE DRAWINGS OR SPECIFICATIONS MUST BE BROUGHT TO THE NAVY'S ATTENTION PRIOR TO BID SUBMISSION.
 - ALL ITEMS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS APPLICABLE TO THE PROJECT.
 - THE CONTRACTOR SHALL REPORT DETERIORATED OR UNSUITABLE STRUCTURAL DECK OR SUBSTRATES TO THE NAVY PRIOR TO PERFORMING ROOFING INSTALLATION WORK.
 - THE CONTRACTOR IS CAUTIONED THAT DUE TO BUILDING OCCUPANCY, THE NAVY REQUIRES COMPLIANCE ON WORK HOURS, SCHEDULING, SET-UP, CLEANUP, PARKING, SECURITY, ETC. REFER TO SPECIFICATIONS FOR NAVY REQUIREMENTS.
 - NOTIFY THE NAVY OF WORK LOCATIONS A MINIMUM OF 72 HOURS IN ADVANCE IN ORDER THAT OCCUPANCY BELOW THE WORK AREAS MAY BE CONTROLLED.
 - THE BUILDING SHALL BE MAINTAINED IN A DUST FREE CONDITION. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY PROTECTION TO ENSURE THE INTERIOR OF THE BUILDING REMAINS DUST FREE. NO DEMOLITION CAN PROCEED UNTIL AN APPROVED TEMPORARY PROTECTION SYSTEM IS IN PLACE.
 - SPLASHBLOCKS BELOW DOWNSPOUTS SHALL EXTEND OVER NEW CRUSHED STONE SPLASH PAD AS SHOWN ON DETAIL 1 OF SHEET G-2.
 - ALL DIMENSIONS ON THIS DRAWING ARE PLAN DIMENSIONS.

- ### BID STRUCTURE NOTES
- UNLESS DESIGNATED OTHERWISE, ALL WORK SHOWN ON THIS SHEET SHALL BE PERFORMED UNDER THE **OPTION ONE (1) - ROOF RENOVATIONS** SCOPE OF WORK IF SO SELECTED BY THE CONTRACTING OFFICER.
- OTHER OPTIONS SHOWN ON THIS SHEET:
OPTION 3 - ARCH REPAIR WORK

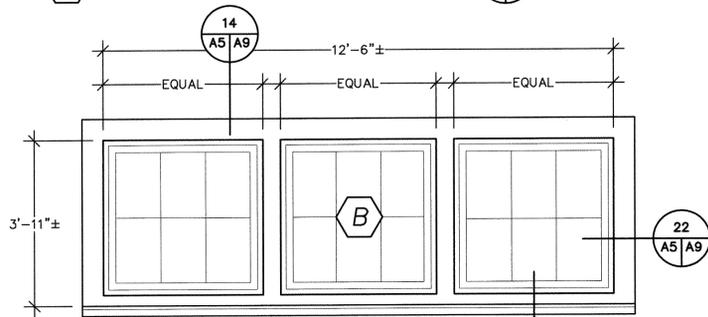
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Engineers/Planners
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P 781.335.6465 F 781.335.6467 www.galinc.com
Boston Baltimore Orlando San Francisco

GRAPHIC SCALE
0 8' 16' 24'
SCALE: 3/32"=1'-0"

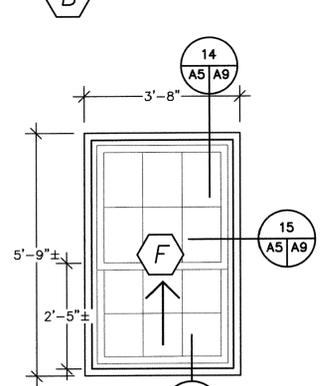
DEPARTMENT OF THE NAVY	NAVAL FACILITIES ENGINEERING COMMAND
NAVAL STATION NEWPORT, R.I.	NAVAL STATION NEWPORT, R.I.
FULL EXTERIOR REPAIRS FOR BUILDING 302, CP	
NAVAL STATION, NEWPORT, RI	
ROOF INSTALLATION PLAN	
CODE IDENT. NO.	
DRAWING SIZE:	D
SCALE:	AS NOTED
CONST. CONTRACT NO.	
PROJECT	568709
SPEC.	568709
NAVFAC DRAWING NO.	12527509
N.S.N. DRAWING NO.	39410-362
SHEET	11 OF 25



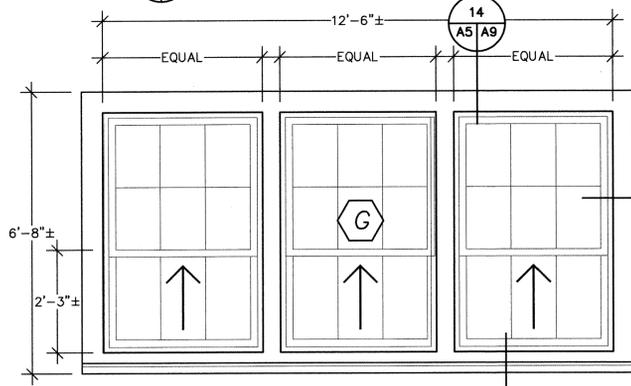
A WINDOW TYPE A



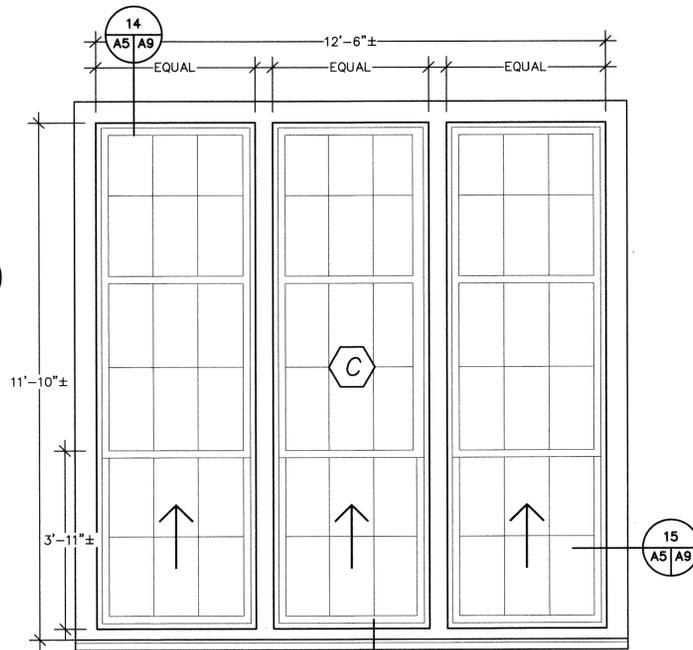
B WINDOW TYPE B



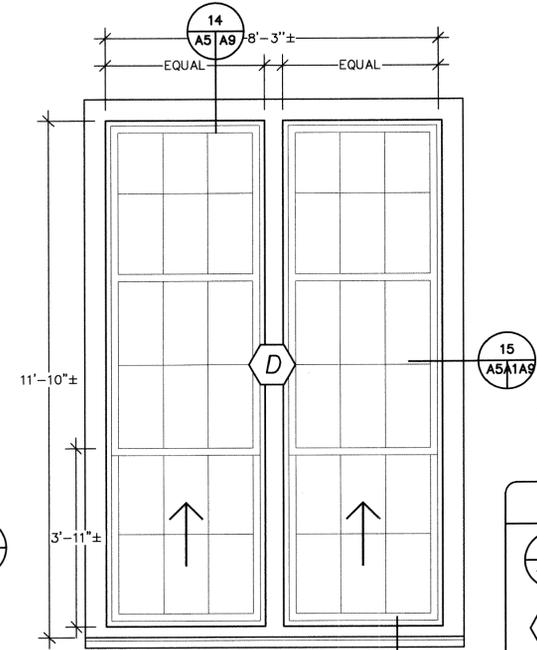
F WINDOW TYPE F



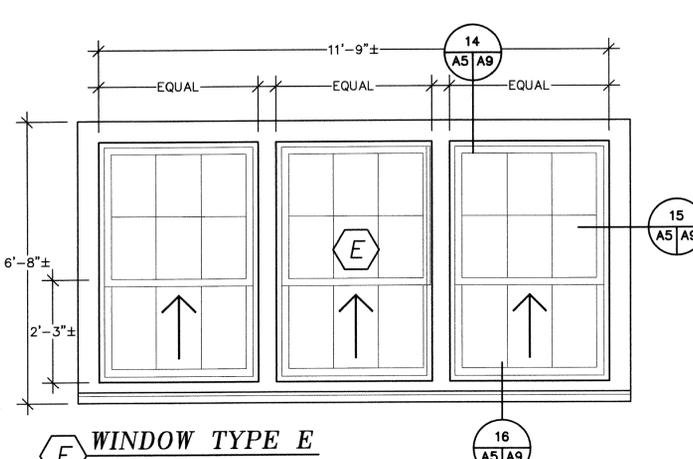
G WINDOW TYPE G



C WINDOW TYPE C



D WINDOW TYPE D



E WINDOW TYPE E

LEGEND

	DETAIL INDICATOR
	BASE BID - WINDOW TYPE INDICATOR
	OPTION 4 - DOOR TYPE INDICATOR
	OPERABLE SASH

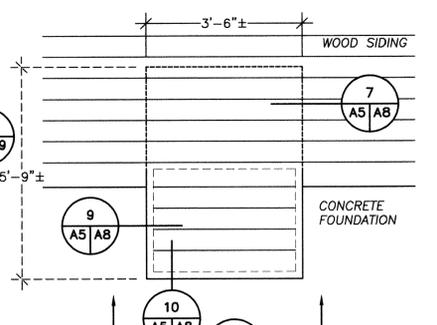
GLAZING SCHEDULE

A	DOUBLE GLAZED, CLEAR GLASS
B	DOUBLE GLAZED, FULLY TEMPERED CLEAR GLASS
C	DOUBLE GLAZED, CLEAR GLASS
D	DOUBLE GLAZED, CLEAR GLASS
E	DOUBLE GLAZED, CLEAR GLASS
F	DOUBLE GLAZED, CLEAR GLASS
G	DOUBLE GLAZED, OBSCURED GLASS

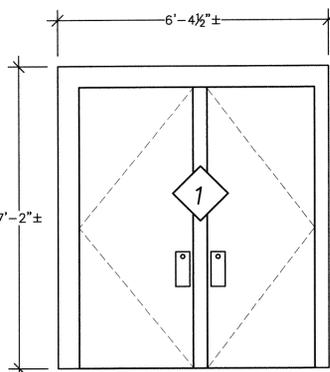
DOOR HARDWARE SCHEDULE

DOOR DESIGNATION	INTERIOR					EXTERIOR			
	CONTINUOUS HINGE	MORTISED HINGE	DOOR CLOSER	CRASH BAR PANIC HARDWARE	KICK PLATE	LOCKSET	DOOR LEVER/PULL	WEATHER STRIPPING/GASKET	BLANK OFF PLATE
1	2	-	2	2	2	-	1 SET	2	
2	2	-	2	2	2	2	1 SET	-	
3	1	-	1	1	1	-	1 SET	1	
4	2	-	2	2	2	-	1 SET	2	
5	-	6	2	-	2	-	1 SET	2	

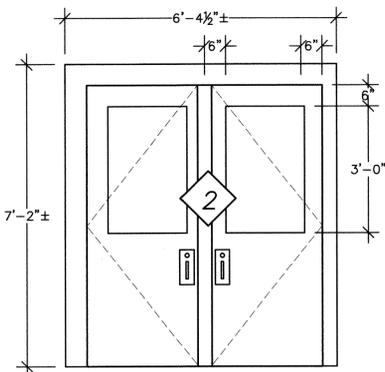
- GENERAL NOTES**
- THE INFORMATION SHOWN ON THIS PLAN HAS BEEN COMPILED FROM VARIOUS SOURCES AND MAY NOT REFLECT THE ACTUAL CONDITIONS AT THE TIME OF CONSTRUCTION. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS SHOWN ON PLANS PRIOR TO COMMENCING WORK.
 - HATCH PATTERNS ARE FOR REPRESENTATION ONLY AND SHOULD NOT BE USED AS A MEANS FOR QUANTIFYING.
 - ANY CONDITION NOT DETAILED SHALL BE CONSTRUCTED IN A MANNER SIMILAR TO THAT OF THE TYPICAL DETAILS.
 - THE WINDOW SIZES MAY VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL WINDOW SIZES IN THE FIELD.
 - REFER TO SHEET A4 FOR KEY PLAN, ELEVATIONS AND WINDOW TYPE LOCATIONS.
 - PROVIDE AND INSTALL INSECT SCREENS AT ALL OPERABLE WINDOW LOCATIONS.
 - WINDOWS TYPES C AND D CURRENTLY HAVE SECURITY GRATES ON THE INTERIOR. REMOVE AND INSTALL NEW SECURITY GRATES TO MATCH EXISTING.
 - ROUGH OPENING INFILL H SHOWN WHERE BUILT-IN TO CONCRETE FOUNDATION. INFILL CONFIGURATION MAY VARY BASED ON WINDOW LOCATION WITH RESPECT TO FOUNDATION.
 - ALL EXISTING METAL DOOR LEAFS AND DOOR FRAMES TO BE SCRAPPED, PREPARED AND PAINTED PRIOR TO HARDWARE INSTALLATION.
 - DOOR TYPES 1, 2, 3, 4 ARE EXISTING METAL UNITS TO REMAIN.
 - PROVIDE AND INSTALL TWO (2) NEW HOLLOW METAL DOORS (TYPE 5) AND HARDWARE IN VESTIBULE ROUGH OPENING.



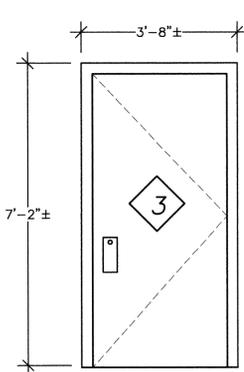
H ROUGH OPENING INFILL H



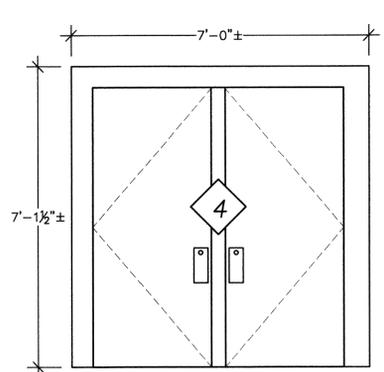
1 DOOR TYPE 1



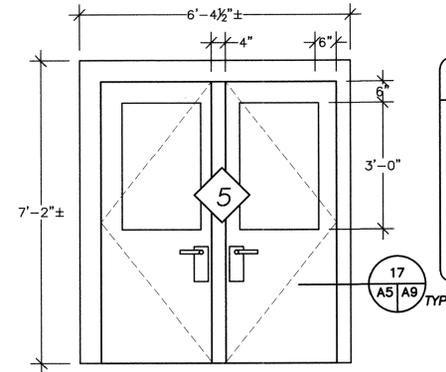
2 DOOR TYPE 2



3 DOOR TYPE 3



4 DOOR TYPE 4



5 DOOR TYPE 5

BID STRUCTURE NOTES

ALL WINDOW RENOVATIONS SHALL BE PERFORMED UNDER THE **BASE BID - EXTERIOR WALL RENOVATIONS AND WINDOW REPLACEMENT** SCOPE OF WORK.

ALL DOOR RENOVATIONS SHALL BE PERFORMED UNDER THE **OPTION FOUR (4) - DOOR RENOVATIONS** SCOPE OF WORK.

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GRAPHIC SCALE
 0 1' 2' 4'
 SCALE: 1/2"=1'-0"

DEPARTMENT OF THE NAVY
 NAVAL STATION
 NEWPORT, R.I.

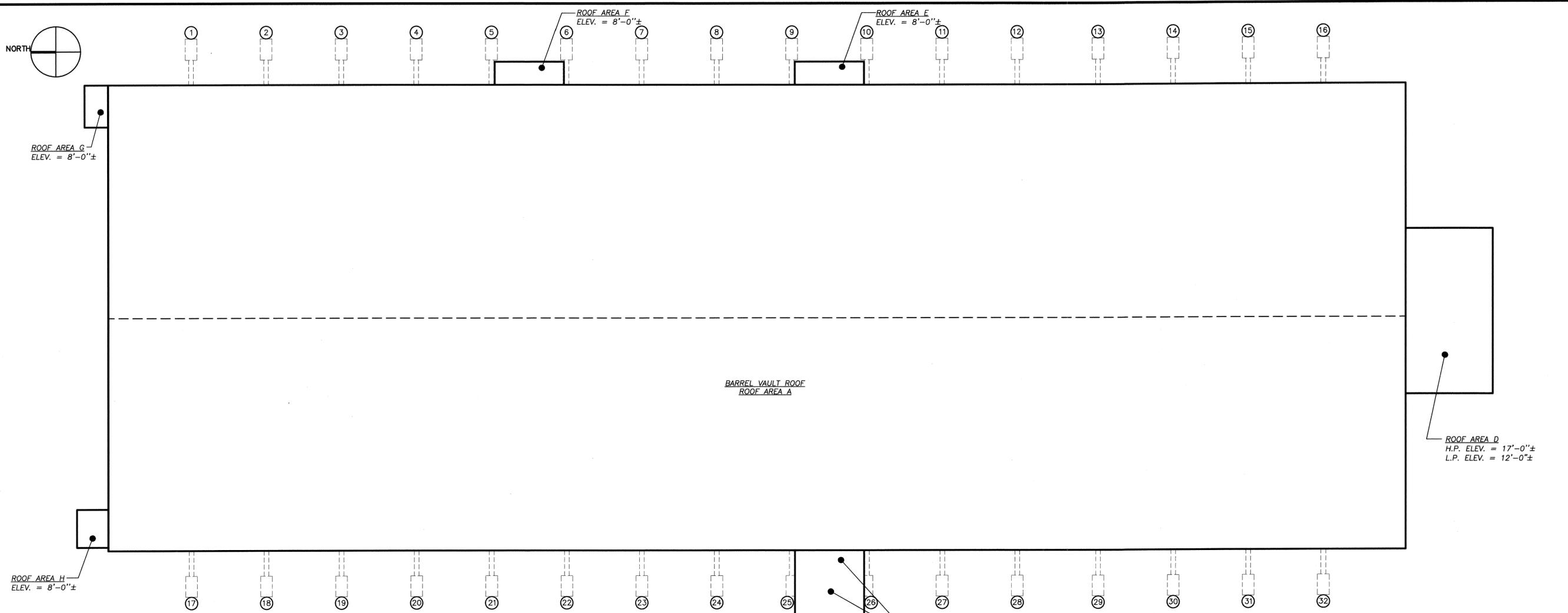
CH:JFL
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 BR. HD.
 DW. I.D.
 APPROVED
 DATE

DATE APPROVED: 12/19/2008

SYMBOL
 DESCRIPTION
 REVISIONS

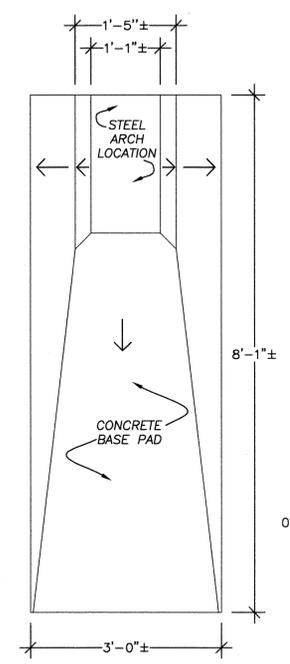
NAVY FACILITIES ENGINEERING COMMAND
 FULL EXTERIOR REPAIRS
 FOR BUILDING 302, CP
 NAVY STATION, NEWPORT, RI
 WINDOW AND DOOR SCHEDULES

CODE IDENT. NO.
 DRAWING SIZE: D
 SCALE: 1/2"=1'-0"
 CONST. CONTRACT NO.
 PROJECT 568709
 SPEC. 568709
 NAVFAC DRAWING NO. 12527513
 N.S.N. DRAWING NO. 39414-362
 SHEET 15 OF 25

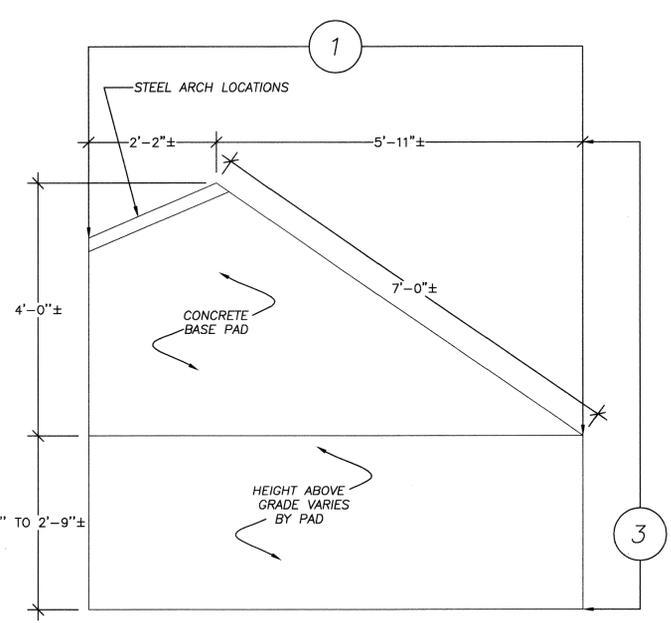


COLUMN BASE PAD PLAN
SCALE: 3/32"=1'-0"±

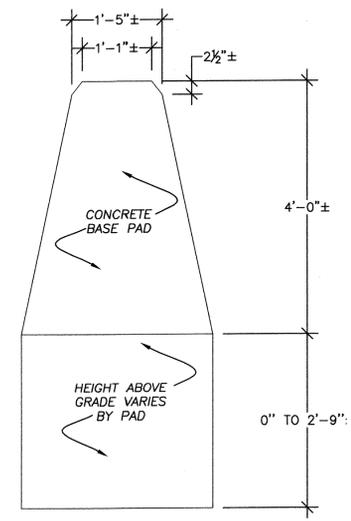
SCHEDULE OF REPAIRS TO CONCRETE BASE PADS					
BASE #	SPALL REPAIR (SQ. FEET)	CRACK REPAIR (LINEAR FEET)		SPALL REPAIR (SQ. FEET)	CRACK REPAIR (LINEAR FEET)
1	6	0	17	6	1
2	5	0	18	6	0
3	4	0	19	2	2
4	6	0	20	13	4
5	4	2	21	11	0
6	4	0	22	6	0
7	3	0	23	0	0
8	4	0	24	7	8
9	7	0	25	10	0
10	4	2	26	10	6
11	3	0	27	24	0
12	6	0	28	22	32
13	9	0	29	19	28
14	6	2	30	19	32
15	5	0	31	20	30
16	4	0	32	3	6



1 PLAN VIEW - COLUMN BASE PAD
SCALE: 3/4"=1'-0"±



2 SIDE VIEW - COLUMN BASE PAD
SCALE: 3/4"=1'-0"±



3 FRONT VIEW - COLUMN BASE PAD
SCALE: 3/4"=1'-0"±

- GENERAL NOTES**
1. THE INFORMATION SHOWN ON THIS PLAN HAS BEEN COMPILED FROM VARIOUS SOURCES AND MAY NOT REFLECT THE ACTUAL CONDITIONS AT THE TIME OF CONSTRUCTION. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS SHOWN ON PLANS PRIOR TO COMMENCING WORK.
 2. DISCREPANCIES NOTED BY THE CONTRACTOR IN THE DRAWINGS OR SPECIFICATIONS MUST BE BROUGHT TO THE NAVY'S ATTENTION PRIOR TO BID SUBMISSION.
 3. EXISTING COLUMNS BASES HAVE BEEN COATED; REMOVE ALL LOOSE AND PEELING COATINGS AS REQUIRED TO PERFORM CONCRETE REPAIRS AND RECOATING APPLICATIONS.
 4. COORDINATE THE REMOVAL OF EXISTING COATING MATERIALS WITH THAT OF OTHER TRADES TO PROVIDE THE APPROPRIATE ORDER AND SEQUENCE.
 5. REFER TO SHEET A10 FOR TYPICAL CONCRETE REPAIR DETAILS FOR RENOVATION PROCEDURES.
 6. STRUCTURAL STEEL ARCH TRUSS CLADDING NOT SHOWN FOR CLARITY.
- BID STRUCTURE NOTES**
- ALL WORK SHOWN ON THIS SHEET SHALL BE PERFORMED UNDER THE **OPTION THREE (3) - ARCH REPAIR WORK** SCOPE OF WORK IF SO SELECTED BY THE CONTRACTING OFFICER.

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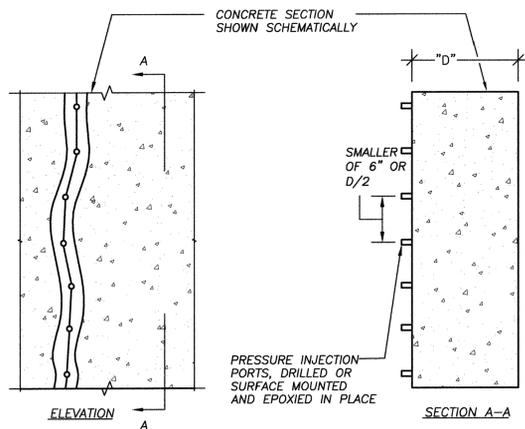
GRAPHIC SCALE
SCALE: 3/4"=1'-0"
0 1' 2' 3'
0 8' 16' 24'
SCALE: 3/32"=1'-0"

DESIGNER	CHJ/JFL	DATE	
DSSN. CAD	CAD	APPROVED	
DR. CAD		DATE	12/16/2008
DIV. HD.		SYMBOL	
REG. NO.		DESCRIPTION	REVISIONS
REGISTERED ENGINEER			
NAVY FACILITIES ENGINEERING COMMAND			
NAVAL STATION			
NEWPORT, R.I.			
FULL EXTERIOR REPAIRS FOR BUILDING 302, CP			
NAVAL STATION, NEWPORT, RI			
COLUMN BASE PAD REPAIR SCHEDULE			
CODE IDENT. NO.			
DRAWING SIZE:	D		
SCALE:	AS NOTED		
CONST. CONTRACT NO.			
PROJECT	568709		
SPEC.	568709		
NAVFAC DRAWING NO.	12527514		
N.S.N. DRAWING NO.	39415-362		
SHEET	16 OF 25		

GENERAL PROCEDURES

(REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION)

1. WIDEN CRACKS AS REQUIRED FOR THE MATERIALS SPECIFIED BY CONTINUOUS SAWCUT ROUTING. SAWCUT ROUTING SHALL BE 1/4" WIDE BY 1/2" DEEP MINIMUM. CLEAN OUT ALL DEBRIS FROM JOINT.
2. SPACE PORTING DEVICES AS REQUIRED BASED ON DEPTH AND WIDTH OF CRACK. DO NOT SPACE GREATER THAN 6" APART, OR D/2.
3. MASK EDGES OF CRACK TO CONTROL WIDTH OF APPLIED CAP SEAL.
4. INSERT PORTING DEVICES.
5. APPLY EPOXY CAP SEAL CONTINUOUSLY ALONG CRACK AND AROUND PORTS. CLEAR PORTS TO ENSURE EPOXY HAS NOT BLOCKED PASSAGE.
6. AFTER CAP SEAL CURE, USE HIGH-PRESSURE INJECTION EQUIPMENT TO INJECT APPROPRIATE VISCOSITY EPOXY INTO PORTS. START AT BOTTOM PORT, FILLING FULL DEPTH OF CRACK. DO NOT MOVE TO NEXT PORT UNTIL EPOXY BEGINS TO FLOW FROM ADJACENT PORT, THUS INDICATING TRAVEL. EXTEND EPOXY WITH SAND IF REQUIRED AS SPECIFIED.
7. AFTER ENTIRE CRACK IS FILLED AND EPOXY CURED, REMOVE PORTS AND GRIND CAP SEAL FLUSH.
8. QUANTITY OF PORTS SHOWN SCHEMATICALLY.

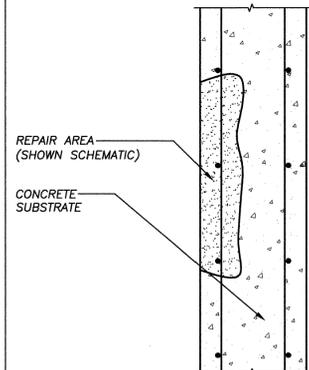


BASE BID AND OPTION 3

18 TYPICAL CRACK PRESSURE INJECTION EPOXY REPAIR
 SCALE: NOT TO SCALE
 (ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

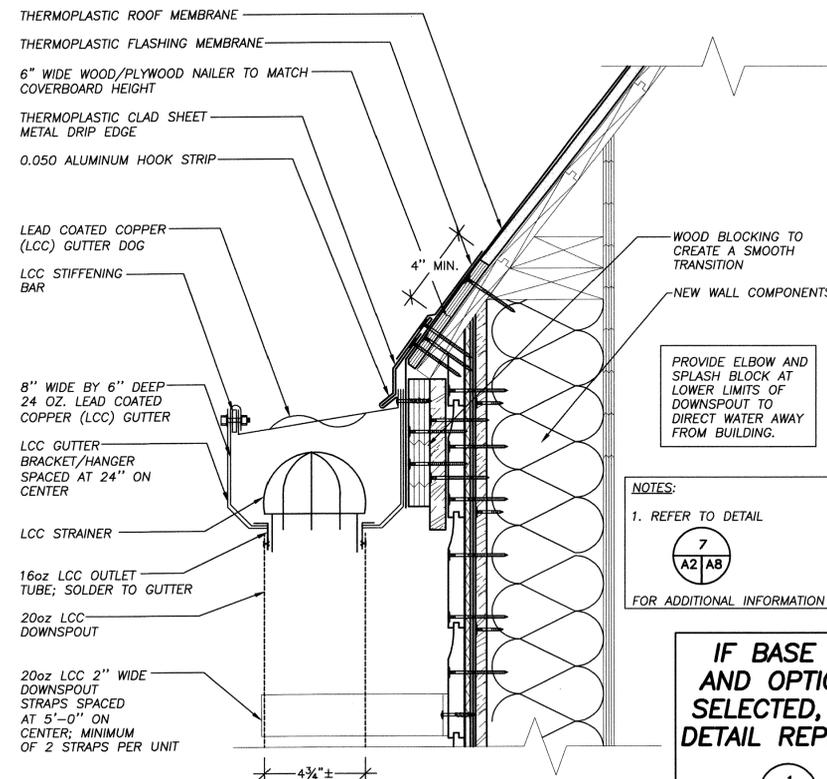
GENERAL PROCEDURES FOR SPALL REPAIR

1. BACK-ANGLE SAWCUT PERIMETER - POLYGON SHAPE (DO NOT CUT REINFORCEMENT).
2. CHIP OUT ALL DETERIORATED CONCRETE, EXTENDING 3/4" MINIMUM AROUND REBAR OR MINIMUM AGGREGATE SIZE, IF NECESSARY.
3. CLEAN ALL EXPOSED REINFORCING STEEL TO BARE METAL CONDITION. (SSPC - SP11).
4. REMOVE ADDITIONAL SUBSTRATE TO EXPOSE AND CLEAN CORRODED STEEL WHICH HAS SCALED RUST (BARS WITH ONLY LIGHT SURFACE RUST AND SOLID CONCRETE COVER MAY BE LEFT ALONE.)
5. EXAMINE REBAR AND DETERMINE SECTION LOSS. BARS WITH 25% OR GREATER LOSS SHALL BE DISCUSSED WITH THE PROJECT MANAGER AS REMOVAL OF ADDITIONAL SOUND CONCRETE TO ALLOW PLACEMENT OF SUPPLEMENTAL STEEL SHALL NOT BE INCLUDED IN SPALL REPAIR QUANTITIES.
6. EXAMINE SUBSTRATE FOR CRACKS. REFER TO CRACK REPAIR AS REQUIRED.
7. SCARIFY SUBSTRATE TO 1/8" MINIMUM SURFACE PROFILE (ICRI - CSP 8 OR 9). WASH SUBSTRATE AND LEAVE SSD (SATURATED SURFACE DRY) CONDITION.
8. APPLY EPOXY MODIFIED CEMENTITIOUS PRIMER/ BOND AGENT TO ALL CONCRETE SUBSTRATE (1 COAT) AND EMBEDDED STEEL OR REBAR (2 COATS).
9. AT VERTICAL SPALLS WITH A DEPTH GREATER THAN 1 1/2", DRILL AND EPOXY 3/8" MIN. DIAMETER STAINLESS STEEL PINS INTO SUBSTRATE OF REPAIR AREA. MAINTAIN 2" MIN. EDGE DISTANCE FOR EACH PIN. SPACE PINS 6" O.C. EACH WAY. DRAPE PINS WITH 2" x 2" x 14 (MIN.) GAUGE STAINLESS STEEL OR EPOXY COATED WIRE MESH WITH 1 1/2" COVER. MESH IS REQUIRED AT EACH 1/2" DEPTH OF REPAIR. TIE ALL MESH TO EACH PIN. PINNING IS ALSO REQUIRED AT CORNER AND PANEL PERIMETER SPALL REPAIRS, REGARDLESS OF SPALL DEPTH.
10. APPLY SPECIFIED REPAIR MORTAR AFTER BONDING AGENT TO ACHIEVE A "WET-ON-WET" APPLICATION.
11. WHERE CORRODED STEEL IS EVIDENT, OR WHEN MORE THAN HALF OF THE REBAR DIAMETER IS EXPOSED, SUBSTRATE SHALL BE CHIPPED 3/4" MINIMUM TO 1 1/2" MAXIMUM BEHIND REBAR.
12. CONCRETE SECTION SHOWN SCHEMATICALLY.



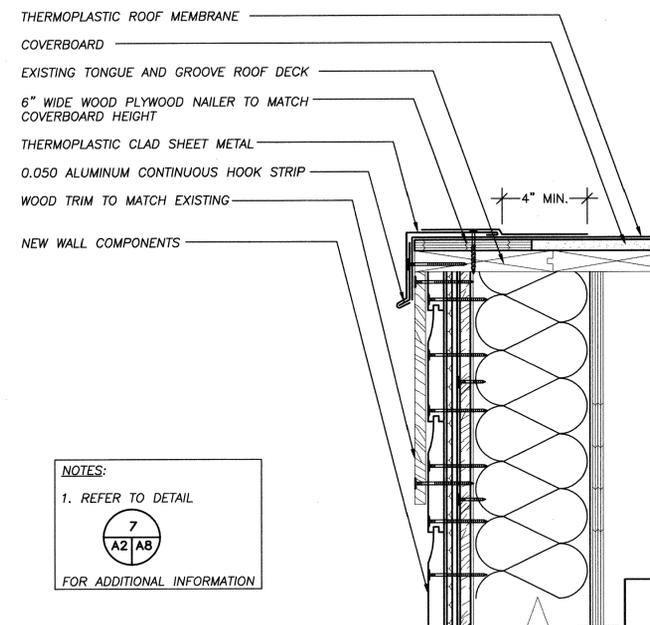
BASE BID AND OPTION 3

19 TYPICAL SPALL REPAIR
 SCALE: NOT TO SCALE
 (ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)



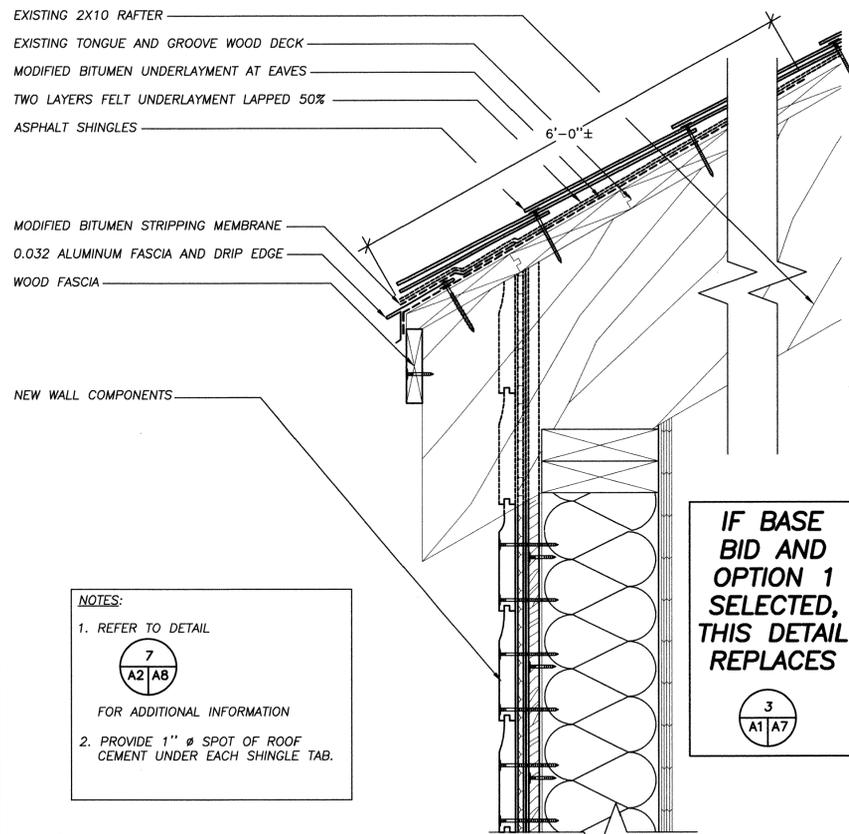
IF BASE BID AND OPTION 1 SELECTED, THIS DETAIL REPLACES

20 BARREL VAULT ROOF EAVE/GUTTER
 SCALE: 3"=1'-0"
 (ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)



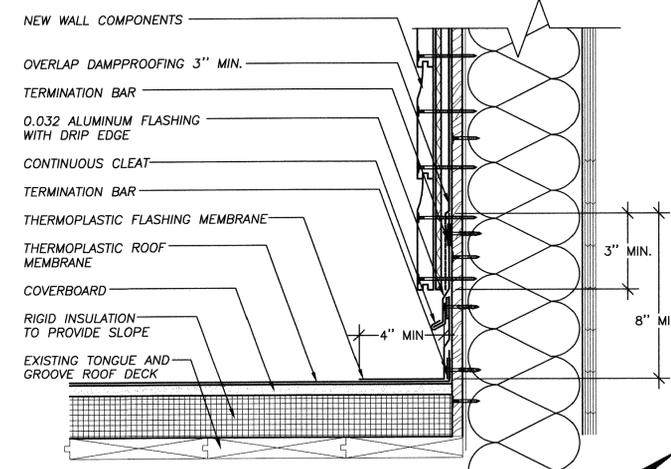
IF BASE BID AND OPTION 1 SELECTED, THIS DETAIL REPLACES

21 BARREL VAULT ROOF EDGE
 SCALE: 3"=1'-0"
 (ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)



IF BASE BID AND OPTION 1 SELECTED, THIS DETAIL REPLACES

22 ASPHALT SHINGLE EAVE
 SCALE: 3"=1'-0"
 (ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

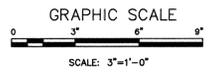


BASE BID AND OPTION 1

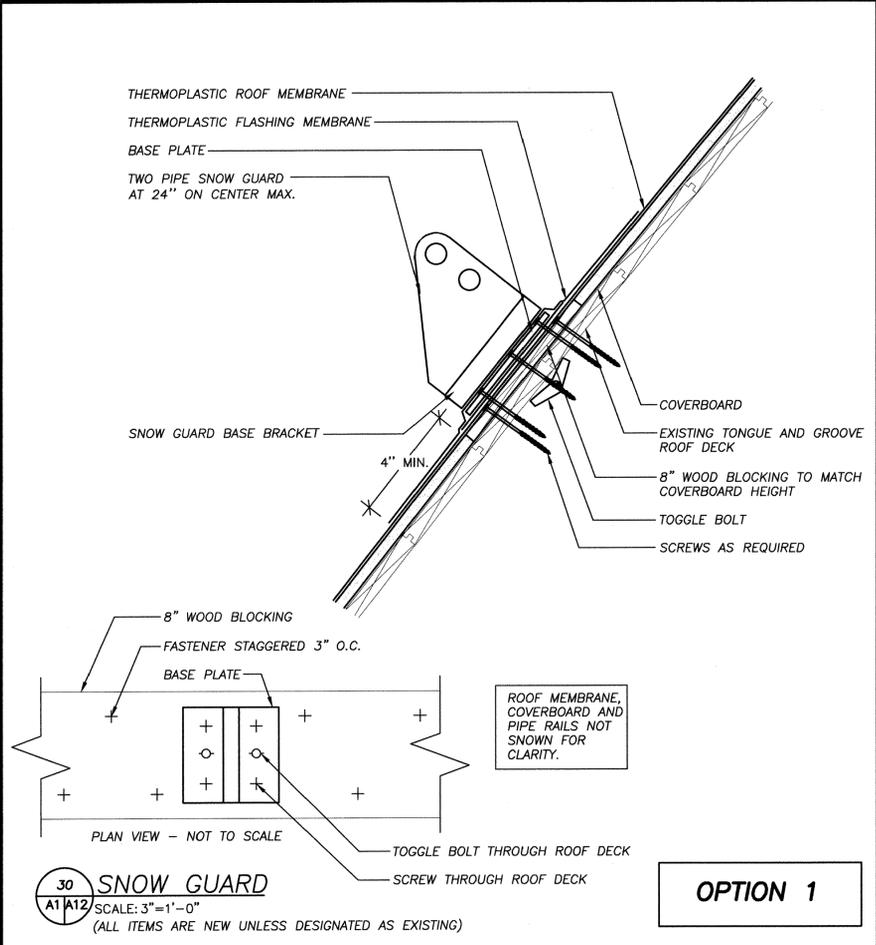
23 LOW SLOPE ROOF TO WALL
 SCALE: 3"=1'-0"
 (ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

DESIGN: CAD	CHK: JFL	DATE	APPROVED
DR: CAD			
BR. HD.			
DIV. HD.			
DATE	12/19/2008		
SYMBOL			
DESCRIPTION			
REVISIONS			
FULL EXTERIOR REPAIRS FOR BUILDING 302, CP NAVAL STATION, NEWPORT, RI DETAILS			
CODE IDENT. NO.			
DRAWING SIZE: D			
SCALE: AS NOTED			
CONST. CONTRACT NO.			
PROJECT 568709			
SPEC. 568709			
NAVFAC DRAWING NO. 12527518			
N.S.N. DRAWING NO. 39419-362			
SHEET 20 OF 25			

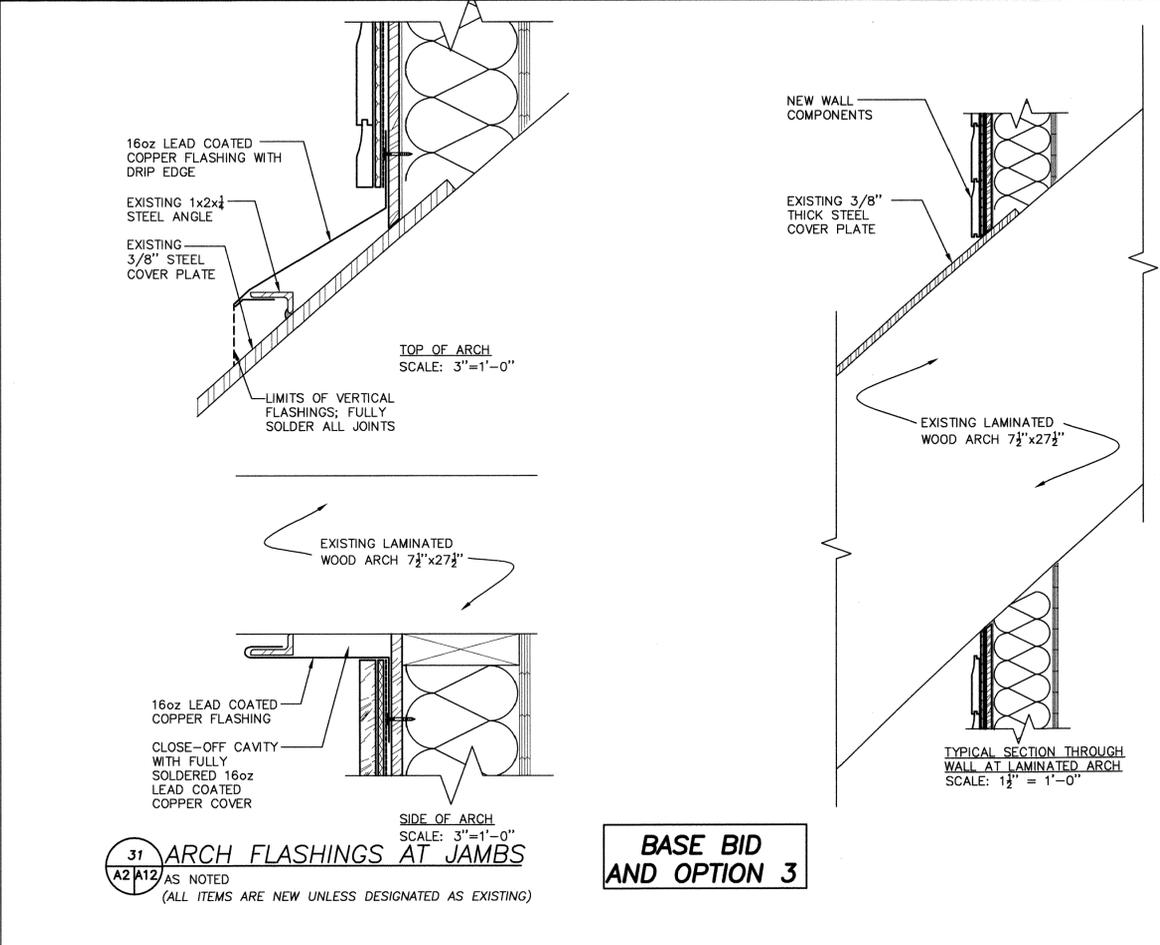
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A10



OPTION 1

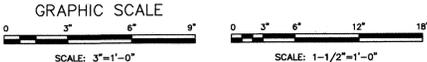


BASE BID AND OPTION 3

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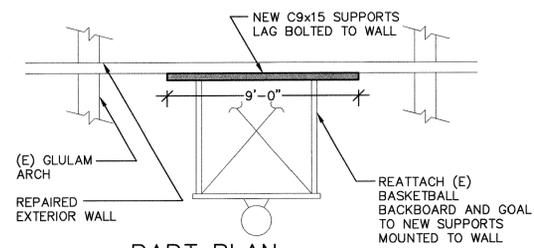
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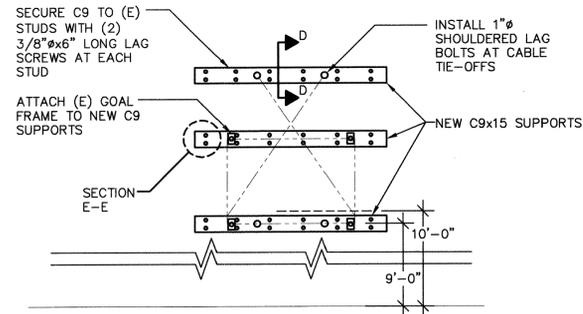


DEPARTMENT OF THE NAVY	NAVAL FACILITIES ENGINEERING COMMAND	CHJ/FL	DR. CAD	BR. HD.	DIV. HD.	DATE	SYMBOL	DESCRIPTION	REVISIONS
NAVAL STATION NEWPORT, R.I.	NAVAL STATION NEWPORT, R.I.					12/19/2009			
FULL EXTERIOR REPAIRS FOR BUILDING 302, CP NAVAL STATION, NEWPORT, RI DETAILS									
CODE IDENT. NO.									
DRAWING SIZE: D									
SCALE: AS NOTED									
CONST. CONTRACT NO.									
PROJECT 568709									
SPEC. 568709									
NAVFAC DRAWING NO. 12527520									
N.S.N. DRAWING NO. 39421-362									
SHEET 22 OF 25									

A12



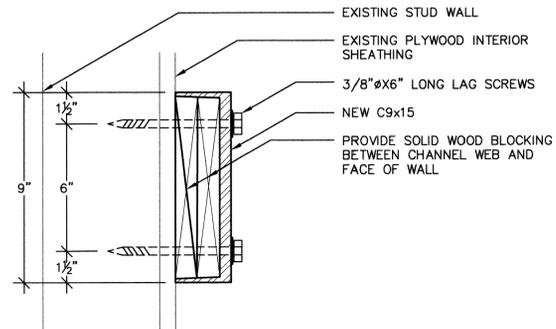
PART PLAN
SCALE: 1/4"=1'-0"



PART ELEVATION
SCALE: 1/4"=1'-0"

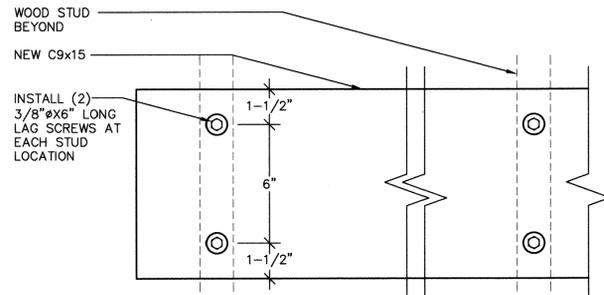
34 BASKETBALL BACKBOARD AND GOAL SUPPORT
SCALE: AS NOTED
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

BASE BID ONLY



SECTION D-D
SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

BASE BID ONLY

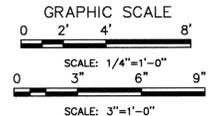


SECTION E-E
SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

BASE BID ONLY

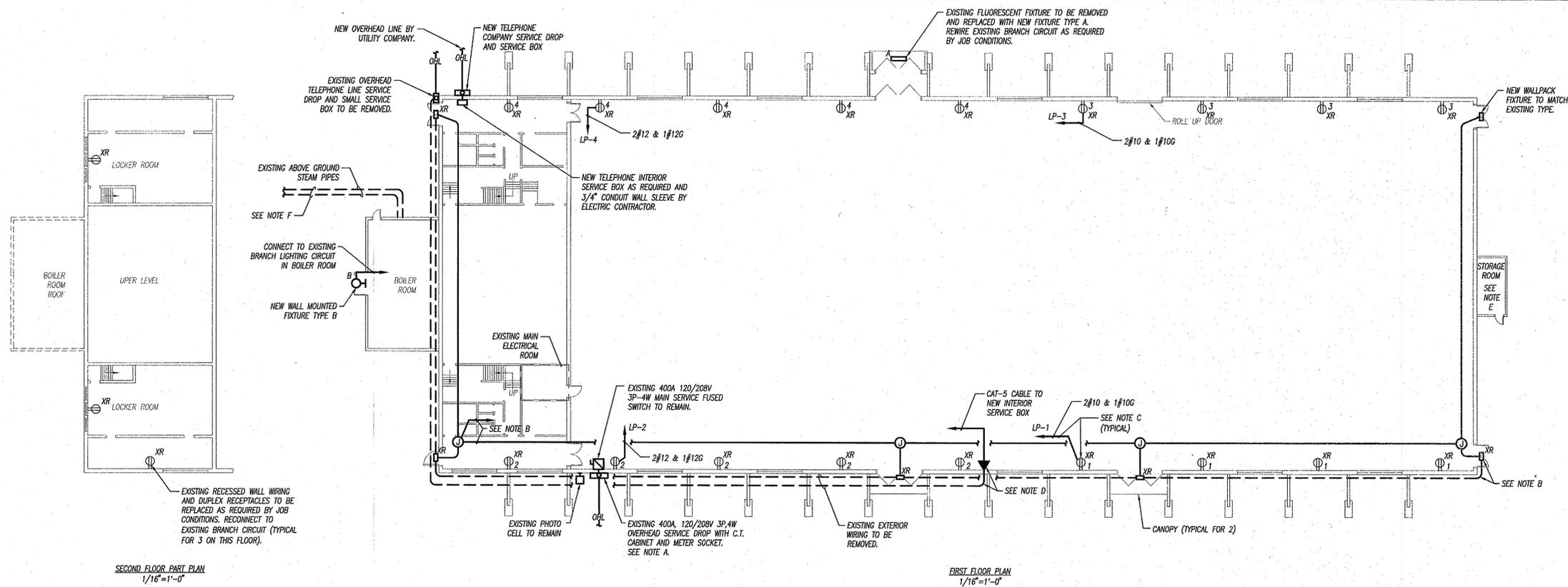


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S2

DESIGN: MHB	DR: CMF/JDS	BR. HD.	DIV. HD.	APPROVED	DATE
CH3/JFL					12/9/2008
SYMBOL					REVISIONS
DATE					APPROVED
DESCRIPTION					
NAVAL FACILITIES ENGINEERING COMMAND					
NAVAL STATION NEWPORT, R.I.					
FULL EXTERIOR REPAIRS FOR BUILDING 302, CP					
NAVAL STATION, NEWPORT, RI					
STRUCTURAL PLANS AND DETAILS					
CODE IDENT. NO.					
DRAWING SIZE: D					
SCALE: AS NOTED					
CONST. CONTRACT NO.					
PROJECT 568709					
SPEC. 568709					
NAVFAC DRAWING NO. 12527523					
N.S.N. DRAWING NO. 39423-362					
SHEET 24 OF 25					

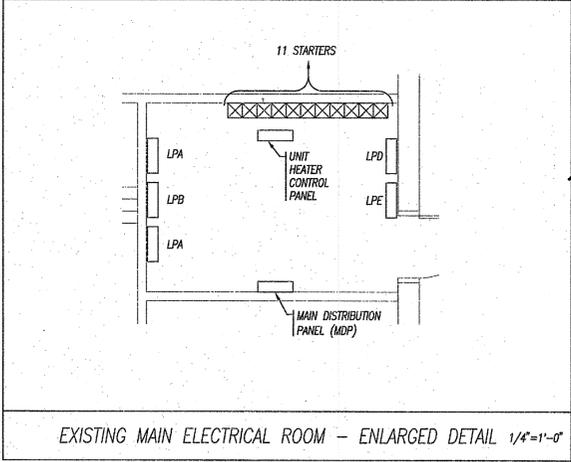


SECOND FLOOR PART PLAN
1/16"=1'-0"

FIRST FLOOR PLAN
1/16"=1'-0"

- ### DRAWING NOTES
- A. EXISTING OVERHEAD SERVICE DROP WITH C.T. CABINET AND METER SOCKET SHALL BE TEMPORARILY REMOVED FROM EXTERIOR WALL DURING REPLACEMENT OF SIDING IN AREA. REINSTALL EXISTING SERVICE DROP TO SAME LOCATION.
 - B. EXISTING WALL PACK FIXTURE (FIVE) SHALL BE REMOVED AND SAVED FOR REINSTALLATION. REMOVE EXISTING EXTERIOR WALLPACK FIXTURE WIRING IN ITS ENTIRETY BACK TO POWER SOURCE.
 - a. REWIRE EXISTING WALLPACK WITH NEW 2#10&1#10G MC CABLE INSIDE BUILDING AND DOWN INTO EXISTING WALLS AND NEW EXTERIOR FIXTURE WALL BOXES. NEW CABLE AND EXTERIOR FIXTURE WALL BOXES TO BE INSTALLED DURING REPLACEMENT OF EXTERIOR SIDING WORK.
 - b. NEW BRANCH CIRCUIT TO BE CONNECTED TO EXISTING PANEL LPE VIA EXISTING CONTROL DEVICE.
 - C. EXISTING RECESSED WALL MOUNTED DUPLEX RECEPTACLE AND WIRING TO SAME SHALL BE REPLACED. REMOVE EXISTING DUPLEX RECEPTACLE FROM EXISTING BOX (BOX TO REMAIN OR BE REPLACED IF IN BAD CONDITION) AND WIRING TO SAME BACK TO POWER SOURCE.
 - a. PROVIDE NEW 2#12&1#12G MC OR 2#10&1#10G MC CABLE BRANCH CIRCUITS AS NOTED TO RECEPTACLES AND INSTALL NEW DUPLEX RECEPTACLE. CONNECT NEW BRANCH CIRCUIT TO PANEL LPA OR LPB AND CONNECT TO SPARE 20A, 1P BREAKER IN PANEL.
 - b. REMOVAL OF EXISTING WIRING AND BOX REPLACEMENT AND INSTALLATION OF NEW RECEPTACLE WIRING TO BE DONE DURING EXTERIOR SIDING WORK REPLACEMENT AND REPAIR AT EACH RECEPTACLE LOCATION.
 - D. EXISTING WALL TELEPHONE TO REMAIN. REMOVE EXISTING EXTERIOR TELEPHONE LINE IN ITS ENTIRETY.
 - a. PROVIDE NEW CAT-5 TELEPHONE LINE TO BE RUN IN THE INTERIOR OF BUILDING TO NEW SERVICE BOX. EXACT CABLE RUN TO BE DETERMINE IN THE FIELD. VERTICAL RUNS TO SERVICE BOX TO BE IN SURFACE WIREMOLD. AT TELEPHONE LOCATION PROVIDE NEW RECESSED BOX (UP 5'-0" AFF) AND NEW WIRING DOWN INTO EXTERIOR WALL DURING EXTERIOR SIDING WORK REPLACEMENT AT LOCATION.
 - E. EXISTING EXTERIOR STORAGE ROOM TO BE REMOVED IN ITS ENTIRETY. ELECTRICAL CONTRACTOR TO DISCONNECT AND REMOVE ANY EXISTING BRANCH CIRCUIT WIRING IN TO ROOM IN ITS ENTIRETY BEFORE DEMOLITION OF ROOM.
 - F. REPAIR EXISTING BROKEN E.M.T FITTING WITH 3#12 WIRES AS REQUIRED BY JOB CONDITIONS.
 - G. ELECTRICAL CONTRACTOR TO COORDINATE TELEPHONE SERVICE WORK WITH LOCAL UTILITY COMPANY AND PAY ANY BACK CHARGES FOR WORK.

- ### POWER DEVICES LEGEND
- ⊕ JUNCTION BOX
 - ⊕² DUPLEX RECEPTACLE - "2" INDICATES CIRCUIT NUMBER HUBBELL #CR-52627 OR EQUAL
- ### COMMUNICATIONS LEGEND
- ▼ TELEPHONE OUTLET DEVICE. PROVIDE SURFACE MOUNTED WIREMOLD BOX AND VERTICAL RACEWAY FOR NEW CABLE RUN.
- ### LIGHTING LEGEND
- A □ 1'X4' SURFACE MOUNTED LIGHT FIXTURE
NEW TYPE A SHALL BE DAY-BRITE LIGHTING #V2W-PE-232-120V 20". ELECTRONIC BALLAST OR EQUAL.
 - 1'X2' SURFACE MOUNTED WALLPACK.
CLEAR EXISTING FIXTURE AND PROVIDE NEW LAMP.
 - B ○ SURFACE MOUNTED WALL LIGHT.
NEW TYPE B SHALL BE DAY-BRITE LIGHTING #VSP-70W-DI-DB-LP-PE.
- ### EXISTING CONDITIONS DESIGNATIONS
- XR EXISTING DEVICE AND WIRING SHALL BE REPLACED WITH NEW DEVICE AND WIRING.



EXISTING MAIN ELECTRICAL ROOM - ENLARGED DETAIL 1/4"=1'-0"

NO.	DATE	APPROVED
1	03/13/2008	

NO.	DATE	DESCRIPTION	REVISIONS
1	03/13/2008	100% SUBMISSION	

DANIEL A. HURLEY
REGISTERED PROFESSIONAL ENGINEER (ELECTRICAL)

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL STATION
NEWPORT, R.I.

**FULL EXTERIOR REPAIRS
FOR BUILDING 302, CP
NAVAL STATION, NEWPORT, RI
ELECTRICAL PLAN**

CODE IDENT. NO. 817770
SCALE: AS NOTED
CONST. CONTRACT NO.
PROJECT 568709
SPEC. 568709
NAVFAC DRAWING NO. 12527523
N.S.N. DRAWING NO. 39424-362
SHEET 25 OF 25

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