

NAVAL SUBMARINE BASE NEW LONDON, CONNECTICUT B29 ROOF AND STRUCTURAL REPAIRS e PROJECT NO. 1396081

ARCHITECT: AMES & WHITAKER, ARCHITECTS
MECHANICAL / ELECTRICAL ENGINEER: KUEGLER ASSOCIATES
STRUCTURAL ENGINEER: JOHN SMOLEN AND ASSOCIATES
ENVIRONMENTAL CONSULTANT: ENVIRONMENTAL SERVICES

LIST OF DRAWINGS:

NAME/NO.	DIM/NO.	SHEET	TITLE
12732382	G-100	1 OF 24	COVER SHEET
12732383	HM-101	2 OF 24	UPPER LEVEL ABATEMENT PLAN
12732384	HM-102	3 OF 24	LOWER LEVEL ABATEMENT PLAN
12732385	HM-103	4 OF 24	PARTIAL PLAN, SECTIONS & DETAILS AND PHOTOS
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12732387	S102	6 OF 24	STRUCTURAL PARTIAL PLAN, SECTIONS & DETAILS
12732388	S103	7 OF 24	STRUCTURAL PARTIAL PLAN
12732389	S104	8 OF 24	SECTIONS, DETAILS & GENERAL NOTES
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12732391	A-101	10 OF 24	PARTIAL ROOF PLAN
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12732393	A-103	12 OF 24	PARTIAL ROOF PLAN
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12732395	A-201	14 OF 24	EAST AND WEST ELEVATIONS
12732396	A-202	15 OF 24	NORTH AND SOUTH ELEVATIONS
12732397	A-401	16 OF 24	SECTION, DETAILS & GENERAL NOTES
12732398	A-402	17 OF 24	SECTION, DETAILS & GENERAL NOTES
12732399	A-403	18 OF 24	SECTION, DETAILS & GENERAL NOTES
12732400	A-501	19 OF 24	ROOF DETAILS
12732401	A-502	20 OF 24	ROOF DETAILS
12732402	E001	21 OF 24	ELECTRICAL NOTES & SYMBOLS
12732403	E100	22 OF 24	ELECTRICAL PARTIAL ROOF PLAN
12732404	E100	23 OF 24	ELECTRICAL PARTIAL ROOF PLAN
12732405	E200	24 OF 24	ELECTRICAL DETAILS

COMPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC
 NAVAL SUBMARINE BASE NEW LONDON
B29 ROOF AND STRUCTURAL REPAIRS

NAVY FACILITIES ENGINEERING COMMAND - MID-ATLANTIC
 NAVAL SYSTEM - NORFOLK, VIRGINIA

PROJECT NO. 1396081
 DRAWING NO. 14-B-233
 SHEET 1 OF 24
 DATE 12/12/82

G-100

PROJECT: B29 ROOF AND STRUCTURAL REPAIRS

DESIGNED BY: [Signature]

CHECKED BY: [Signature]

DATE: 12/12/82

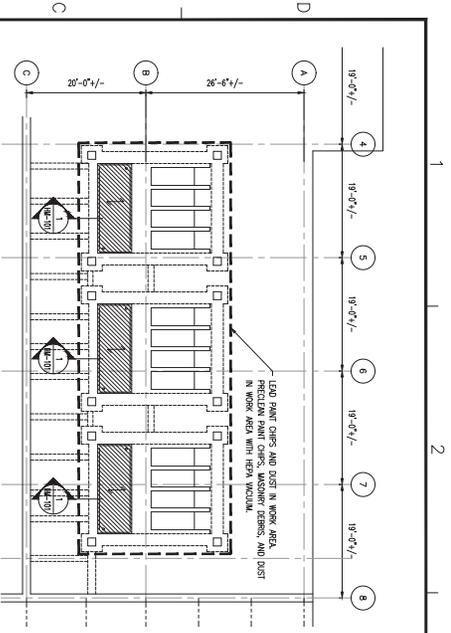
SCALE: AS SHOWN

PROJECT NO. 1396081

DRAWING NO. 14-B-233

SHEET 1 OF 24

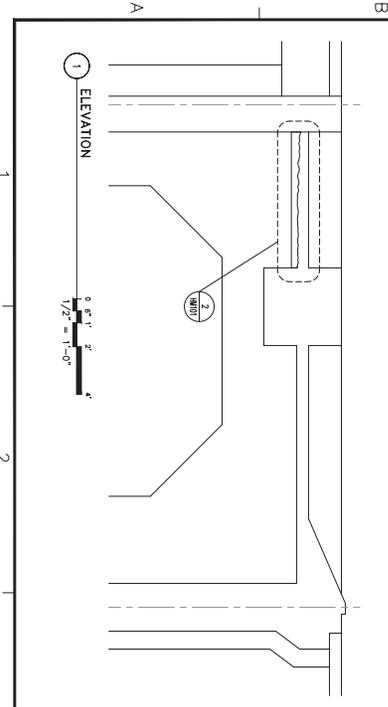
DATE 12/12/82



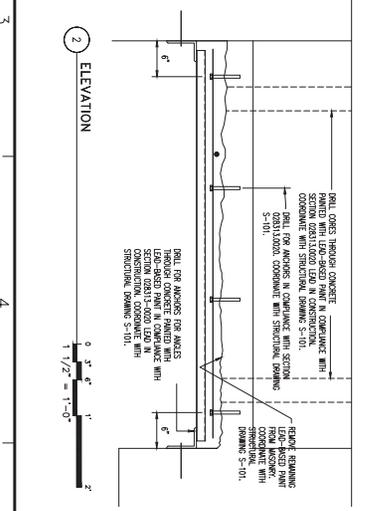
1 PARTIAL PLAN @ BOILERS 1, 2, & 3



- GENERAL:
1. LEAD-BASED PAINT IS PRESENT IN BUILDING 29 ON PAINTED CONCRETE AND MASONRY WALLS, CONCRETE CEILING, CONCRETE FLOORS, STRUCTURAL STEEL, ROOF DECKING, AND YELLOW METAL SPONGE, PAINTWORK, & ANCHOR BOLTS. CONCRETE FLOORS, CEILING, STRUCTURAL STEEL, ROOF DECKING, AND YELLOW METAL SPONGE, PAINTWORK, & ANCHOR BOLTS ARE TO BE REMOVED AND DISPOSED BY THE CONTRACTOR IN ACCORDANCE WITH THE CONSTRUCTION BARREL AND DIBS OF LEAD PAINT CHIPS, DUST, AND DEBRIS GENERATED BY THE WORK. WORKSHEET NO. 0283113000 - LEAD IN CONSTRUCTION.
 2. CORRODATE THE LOWER LEVEL LEAD ABATEMENT WORK WITH THE WORK SHOWN ON DRAWINGS S-101 AND S-102.
 3. PRECLEAN LEAD-BASED PAINT CHIPS AND DUST IN ALL ROOMS WORK AREAS IN BUILDING 29. PRECLEAN EXISTING PAINT CHIPS AND DUST IN WORK AREAS WITH HEAVY WACUUM PRIOR TO WORK OF OTHER TRADES.



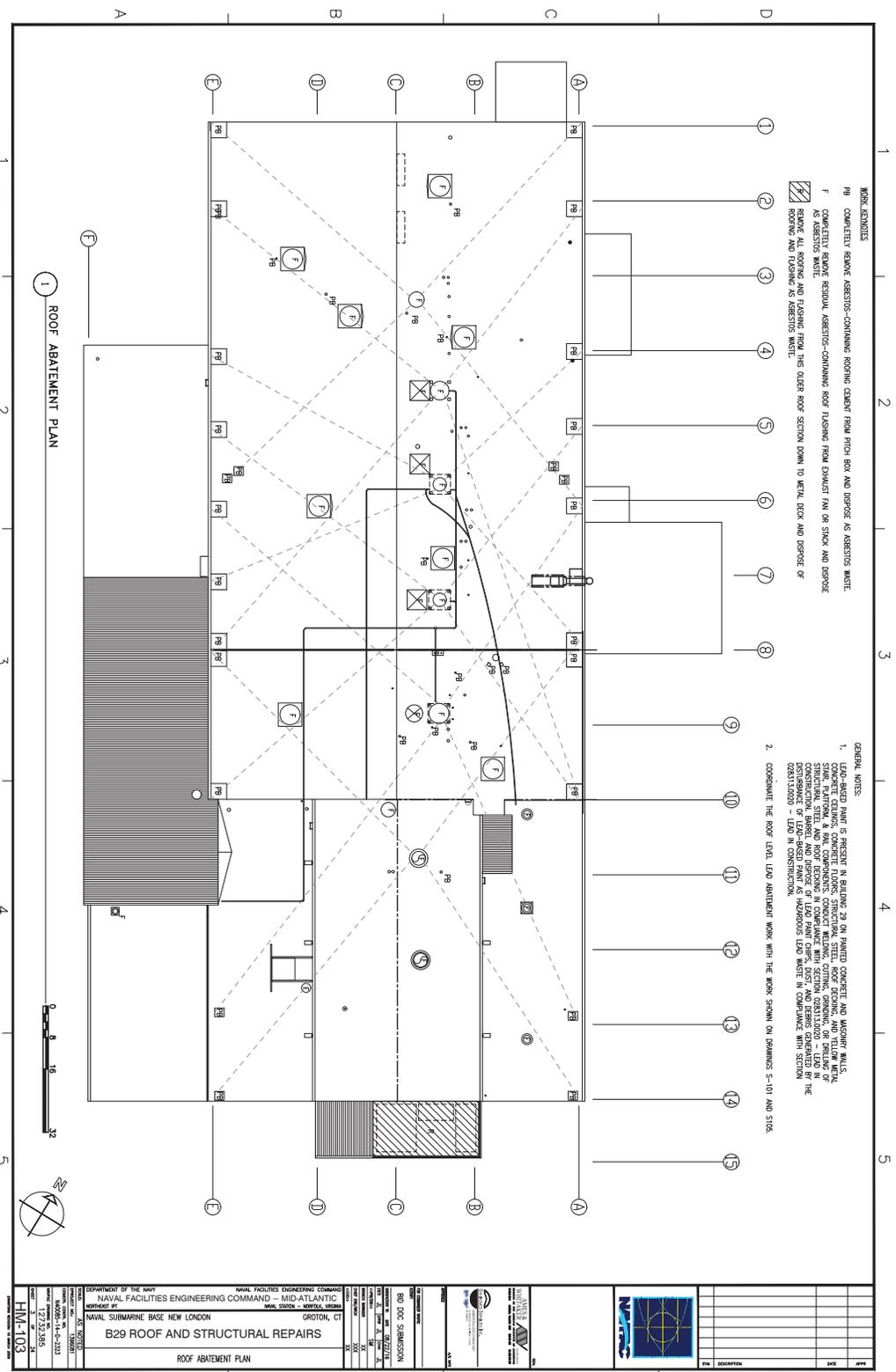
1 ELEVATION



2 ELEVATION



DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC NAVAL SUBMARINE BASE NEW LONDON B29 ROOF AND STRUCTURAL REPAIRS LOWER LEVEL ABATEMENT PLAN		PROJECT NO. 172732833 DRAWING NO. 172732833 DATE 12/20/10 SHEET NO. 21 TOTAL SHEETS 24	PROJECT NAME BID DATE SUBMISSION CONTRACT NO. CONTRACT DESCRIPTION CONTRACT VALUE CONTRACT START DATE CONTRACT END DATE	PROJECT LOCATION PROJECT NUMBER PROJECT DESCRIPTION PROJECT VALUE PROJECT START DATE PROJECT END DATE	PROJECT OWNER PROJECT MANAGER PROJECT ENGINEER PROJECT ARCHITECT	PROJECT DESIGNER PROJECT CHECKER PROJECT APPROVER	PROJECT REVIEWER PROJECT APPROVER
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WORK NOTES

PB COMPLETELY REMOVE ASBESTOS-CONTAINING ROOFING GUTTER FROM PITCH BOX AND DISPOSE AS ASBESTOS WASTE.

F COMPLETELY REMOVE RESIDUAL ASBESTOS-CONTAINING ROOF FLASHING FROM EXHAUST FAN ON STACK AND DISPOSE AS ASBESTOS WASTE.

1 REMOVE ALL ROOFING AND FLASHING FROM THIS OLDER ROOF SECTION DOWN TO METAL DECK AND DISPOSE OF ROOFING AND FLASHING AS ASBESTOS WASTE.

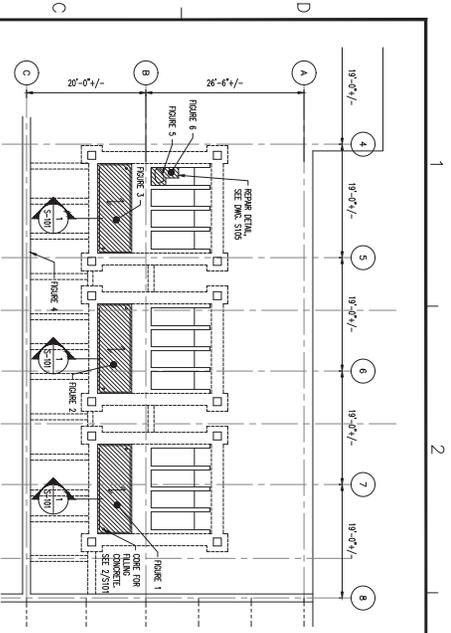
GENERAL NOTES

1. LEAD-BASED PAINT IS PRESENT IN BUILDING 29 ON PAINTED CONCRETE AND MAJORITY WALLS, STAIR, PLATFORM, & RAIL COMPONENTS. CONSULT METHOD STATEMENT, CONTROL OF DUSTING OF STRUCTURAL STEEL AND ROOF BEAMS IN COMPLIANCE WITH SECTION 028313.000 - LEAD IN CONSTRUCTION. REMOVE ALL LEAD-BASED PAINT FROM EXHAUST FAN ON STACK AND DISPOSE OF LEAD-BASED PAINT AS HAZARDOUS LEAD WASTE IN COMPLIANCE WITH SECTION 028313.000 - LEAD IN CONSTRUCTION.

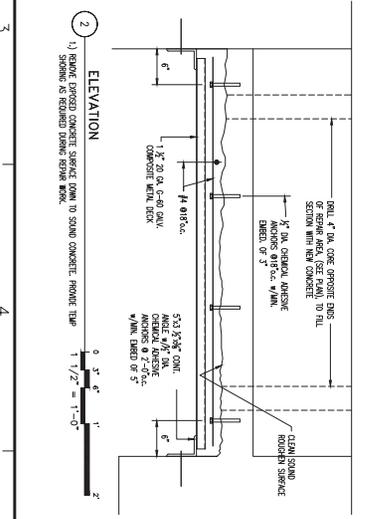
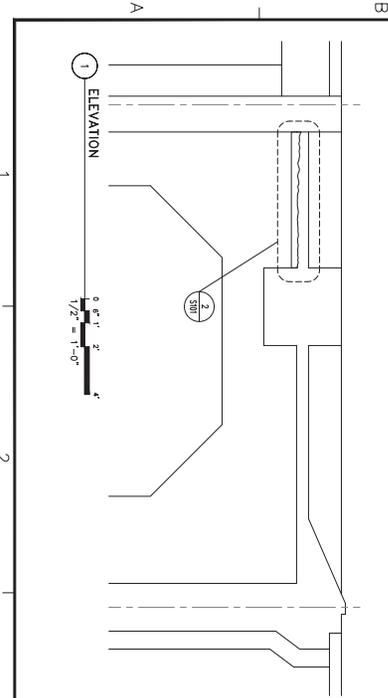
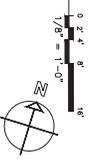
2. COMPOUNTE THE ROOF LEVEL. LEAD ABATEMENT WORK WITH THE MARK SHOWN ON DRAWINGS S-101 AND S106.

1 ROOF ABATEMENT PLAN

COMPANY OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC NAVAL SUBMARINE BASE NEW LONDON GROTON, CT		NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC NAVAL DIVISION - NORFOLK, VIRGINIA	
PROJECT: B29 ROOF AND STRUCTURAL REPAIRS ROOF ABATEMENT PLAN		DRAWN BY: BOB DICKERSON CHECKED BY: [blank] DATE: [blank]	
SHEET NO: HW-103 TOTAL SHEETS: 26		DATE: 12/15/85	

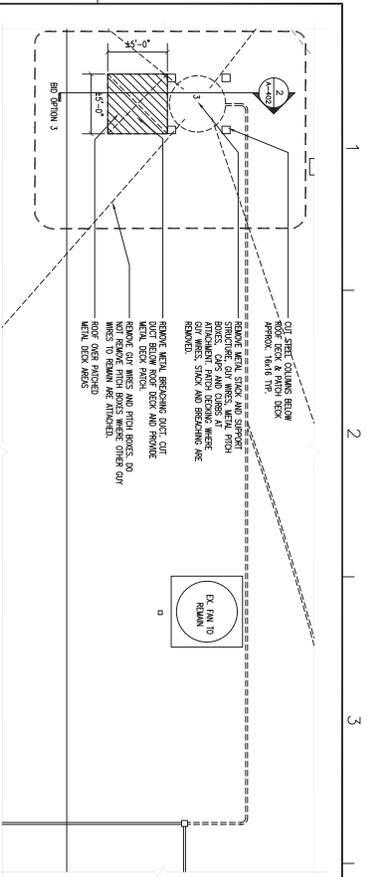


- 1) PARTIAL PLAN @ BOILERS 1, 2, & 3**
- 1) FIGURE 1 - INDICATES PHOTO LOCATION.
 - 2) [Hatched Area] INDICATES AREA OF CONCRETE REPAIR.
 - 3) [Hatched Area] INDICATES REPAIR OF REINFORCING STEEL/CLASPS WHERE WIDERS NEEDS TO BE REMOVED AND REPLACED AFTER CONCRETE REPAIR IS COMPLETED.
 - 5) PHOTO DRAWING SHOWING LOCATION WHERE WIDERS HAVE BEEN REMOVED.

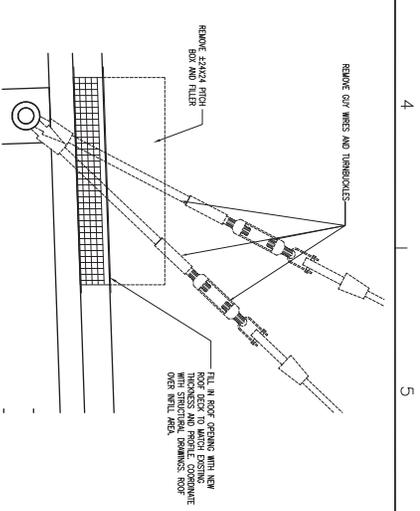


SEE DRAWING SET FOR GENERAL NOTES AND ADDITIONAL SEE DOWN BEAMS SECTION SIN BEAMS

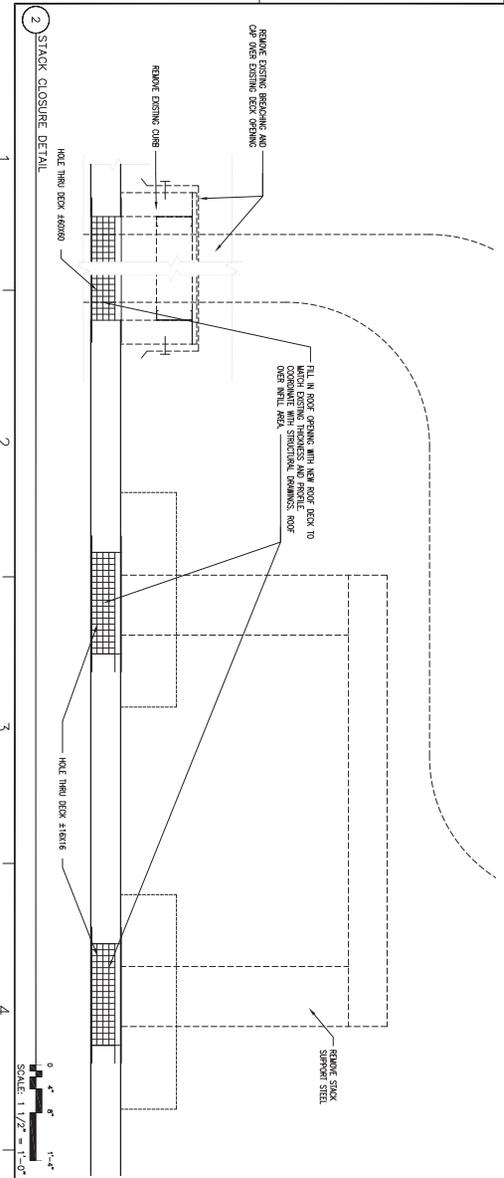
	NAVAL FACILITIES ENGINEERING COMMAND NAVAL SUBMARINE BASE NEW LONDON GROTON, CT
	PARTIAL PLAN, SECTIONS, DETAILS AND PHOTOS
PROJECT: B29 ROOF AND STRUCTURAL REPAIRS DRAWN BY: [Name] CHECKED BY: [Name] DATE: 12/12/18	DRAWING NO: S101
CONTRACT NO: NA-18-033 PROJECT NO: 12121865	SHEET NO: 21



1 BID OPTION 3
 SET STRUCTURAL DRAWINGS FOR ROOF DECK DETAILS.
 SET ELECTRICAL DRAWINGS FOR LIGHTNING PROTECTION SYSTEM AND STRAIN RELIEF.

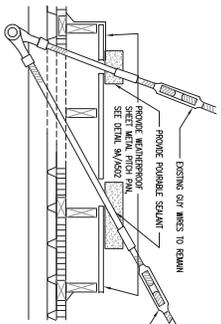


3 REMOVAL GUY WIRE DETAIL
 SCALE: 1 1/2" = 1'-0"

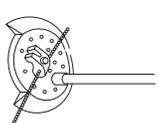


2 STACK CLOSURE DETAIL
 SCALE: 1 1/2" = 1'-0"

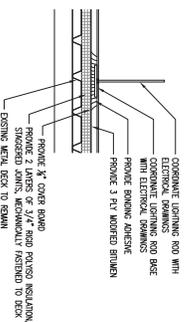
	NAVAL FACILITIES ENGINEERING COMMAND NAVAL SUBMARINE BASE NEW LONDON GROTON, CT
	NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC NAVAL SYSTEM - NORFOLK, VIRGINIA
BID DATE SUBMISSION 17 JUL 2015	PROJECT B229 ROOF AND STRUCTURAL REPAIRS
DRAWING NO. 14-0-323 SHEET 17 OF 22 SHEETS DATE 17 JUL 2015	CONTRACT NO. 14-0-323 DRAWING NO. 14-0-323 SHEET 17 OF 22 SHEETS DATE 17 JUL 2015
A-402	B229 ROOF AND STRUCTURAL REPAIRS BID OPTIONS PLAN



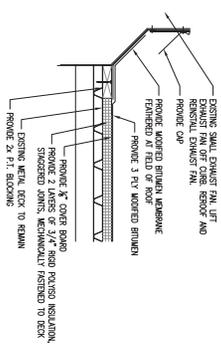
9 TYPICAL PITCH BOX @ GUY CABLE LOCATIONS



10 TYPICAL LIGHTNING ROD/ AIR TERMINAL BASE DETAIL

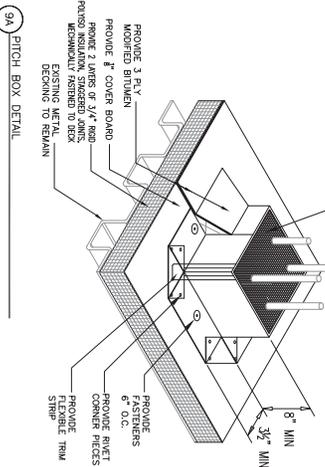


11 FLASHING @ SMALL EXHAUST FAN BASE DETAIL

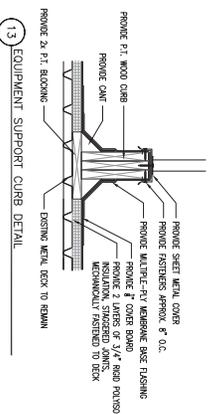


12 TYPICAL ROOF DRAIN

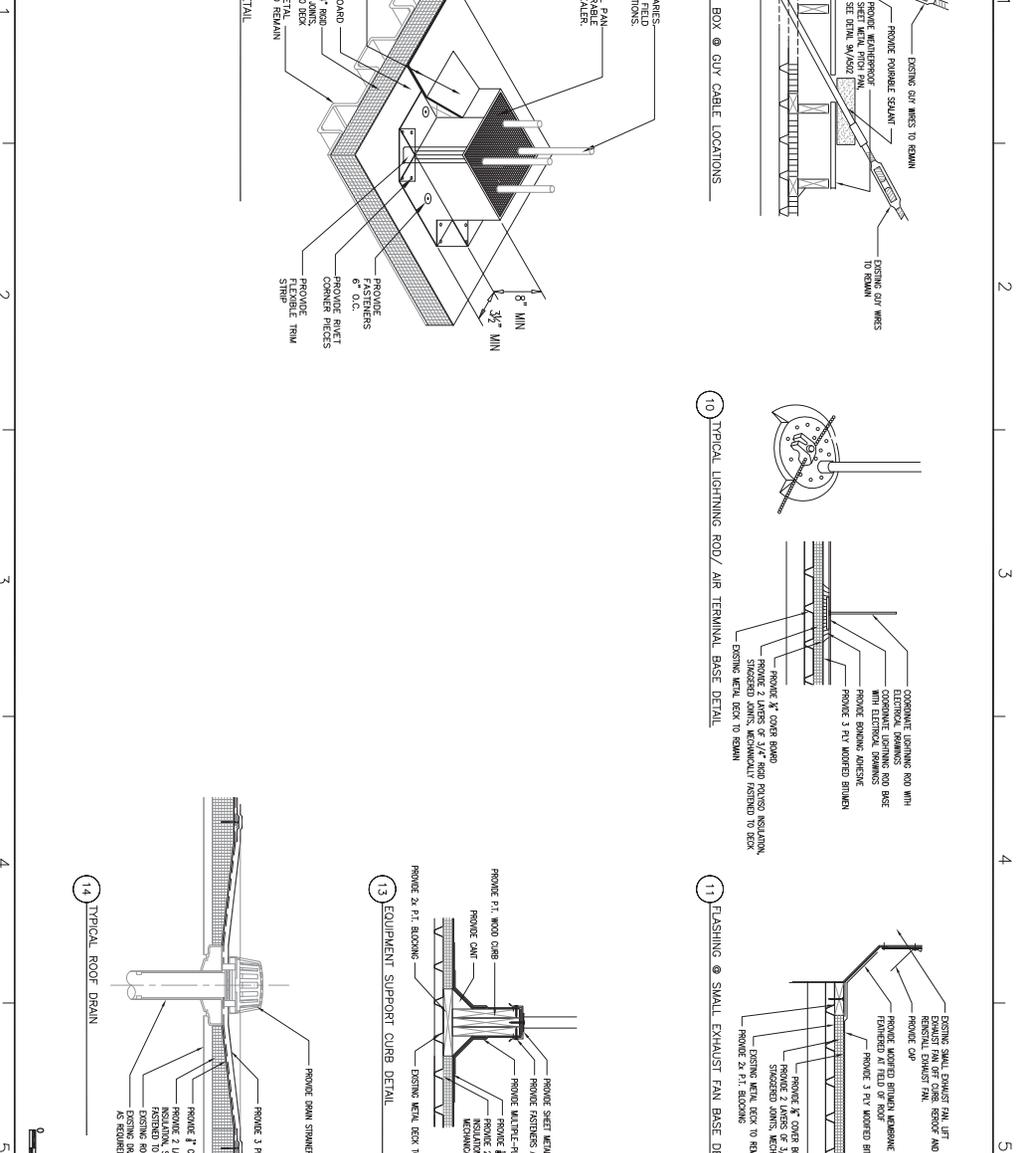
ACTUAL PENETRATION VARIES (CABLE, CONDUIT, ETC.) THIS SHEET COVERED BY OTHER SHEETS



13 EQUIPMENT SUPPORT CURB DETAIL



14 TYPICAL ROOF DRAIN



	<p>PROJECT: B29 ROOF AND STRUCTURAL REPAIRS</p> <p>NO. 032</p> <p>NAVAIR 032-110-1000</p> <p>DATE: 17/12/401</p> <p>FORM: A-502</p>	<p>COMPARTMENT OF THE NAVY</p> <p>NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC</p> <p>NAVAL SUBMARINE BASE NEW LONDON</p> <p>NAVAL FACILITIES ENGINEERING COMMAND</p> <p>NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC</p> <p>NAVAL SYSTEM - NAVAL VESSEL</p> <p>STATION, CT</p>	<p>NO. 032</p> <p>NAVAIR 032-110-1000</p> <p>DATE: 17/12/401</p> <p>FORM: A-502</p>
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