PORTSMOUTH NAVAL SHIPYARD
KITTERY, ME

DD#2 VA CLASS PROPULSOR ENCLOSURE (P021-15)

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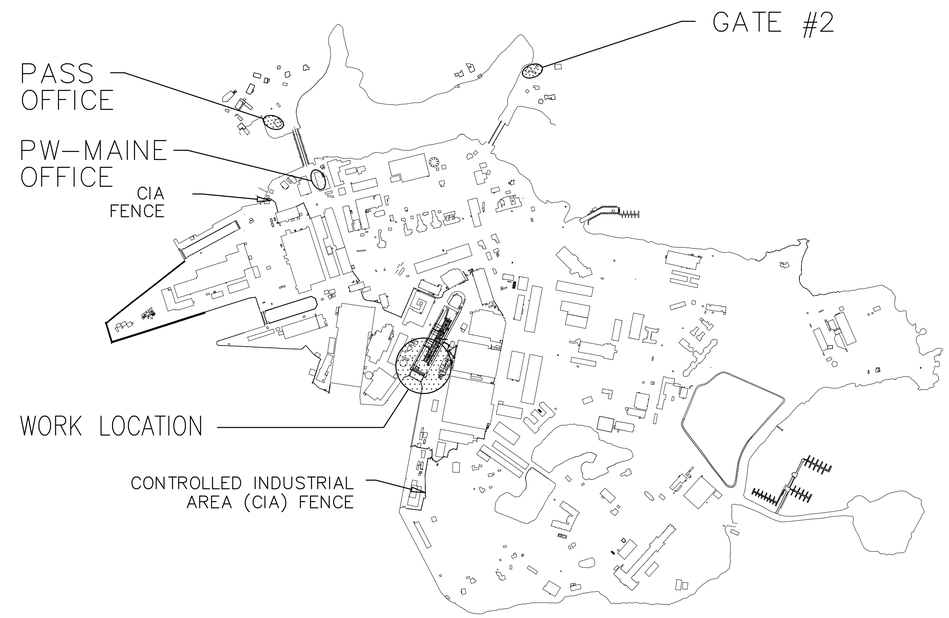
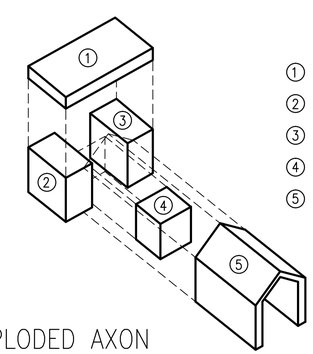
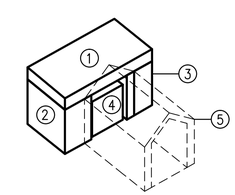


SITE PLAN
NOT TO SCALE



EXPLODED AXON

1. ROOF MODULE
2. PORT MODULE
3. STARBOARD MODULE
4. AFT TOWER
5. AFT AREA



ASSEMBLED ENCLOSURE

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR CONSTRUCTION	10/12/2015	CBC

NAVFAC

SEAL

Colby Company engineering

A/E INFO

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE 10/12/15

DES GJN | DRW BCH | CHK CBC

PM/DM IAN BODWELL

BRANCH MANAGER NATHAN MAHER

FEAD/PM&E AMIN BAHROUR PM&E

FIRE PROTECTION X

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
PUBLIC WORKS DEPARTMENT – MAINE
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL SHIPYARD – PORTSMOUTH, NH

PORTSMOUTH NAVAL SHIPYARD
KITTERY, ME

DD#2 PROPULSOR ENCLOSURE

COVER SHEET

EPROJECT NO.: 1364311

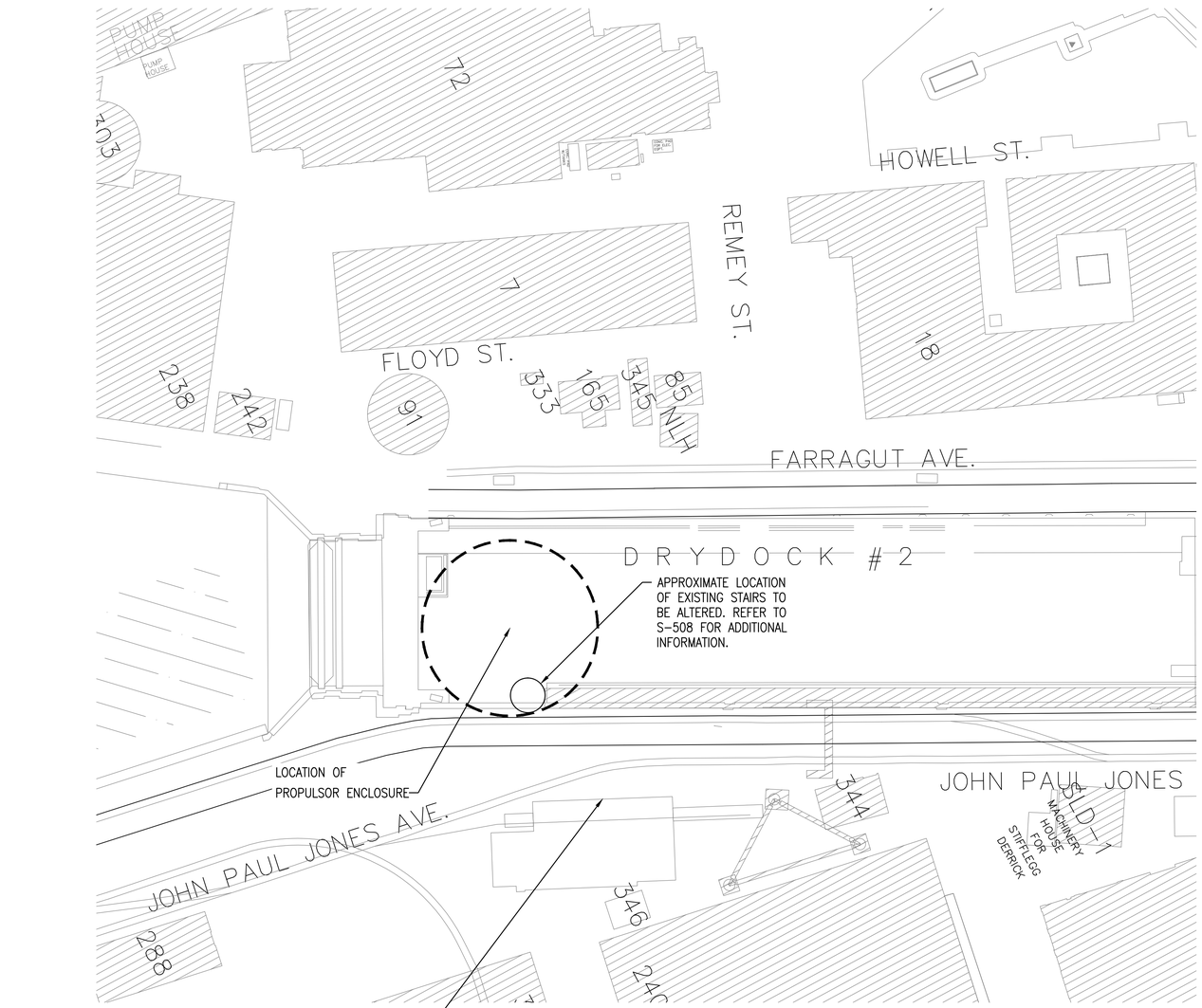
CONSTR. CONTR. NO. XXXXXX–XXX–XXXX

NAVFAC DRAWING NO. XXXXXXXX

SHEET 1 OF 93

G-001 | DD 2-XX-XXXX

DRAWFORM REVISION: 10 OCTOBER 2014



APPROXIMATE LAYDOWN AREA (50' X 50' MINIMUM) EXACT LOCATION OF LAYDOWN AREA TO BE DETERMINED. CONTRACTOR SHALL ASSUME THE LAYDOWN AREA WILL BE LOCATED WITHIN 1,500 FEET OF THE PROJECT SITE, WITHIN THE CIA. FENCING AND SECURITY SHALL BE BY CONTRACTOR

GENERAL CONDITIONS PLAN (A1)

SCALE: NTS

GENERAL CONSTRUCTION NOTES:

1. CONTRACTOR SHALL PROTECT AND MAINTAIN GOVERNMENT ACCESS TO ALL FACILITIES, UTILITIES, AND CRANE RAILS WITHIN WORK AND LAYDOWN AREAS.
2. CONTRACTOR SHALL COORDINATE USE OF GATE 2 FOR LARGE DELIVERIES WITH CONTRACTING OFFICER.
3. CONTRACTOR SHALL BE REQUIRED TO DEMONSTRATE ENCLOSURE FITUP IN THE DRY DOCK AS PART OF THE FINAL PROJECT COMPLETION.
4. THE CONTRACTOR SHALL COORDINATE OFF-SITE CONSTRUCTION AND SUBSEQUENT BARGING OF UNITS TO THE SHIPYARD WITH PNSY/NAVFAC.
5. USE OF PNSY CRANES SHALL NOT BE ALLOWED. ALL CRANES OFF SITE AND AT PNSY SHALL BE THE CONTRACTORS RESPONSIBILITY. ALL CRANE USE IS IN ACCORDANCE WITH THE REQUIREMENTS LISTED IN THE SPECIFICATIONS.
6. THE WORK SHALL BE COMPLETED IN THE CONTROLLED INDUSTRIAL AREA (CIA). THE CONTRACTOR SHALL BE AWARE OF ADDITIONAL SECURITY REQUIREMENTS AND WORK RESTRICTIONS IN THE AREA. COSTS INCURRED BY WORK DELAYS IN THE CIA WILL NOT THE RESPONSIBILITY OF THE CONTRACTOR AND WILL NOT RESULT IN AN EQUITABLE ADJUSTMENT.

SYM	DESCRIPTION	DATE	APPR
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NAVFAC

STATE OF MAINE
BENJAMIN C. TOWNSEND
No.13287
LICENSED
PROFESSIONAL ENGINEER
SEAL

Colby Company engineering
A/E INFO

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE 10/12/15
DES. BCT DRW BVD CHK CBC
PM/DM IAN BODWELL
BRANCH MANAGER NATHAN MAHER
FEAD/PM&E AMIN BAHROUR PM&E
FIRE PROTECTION X

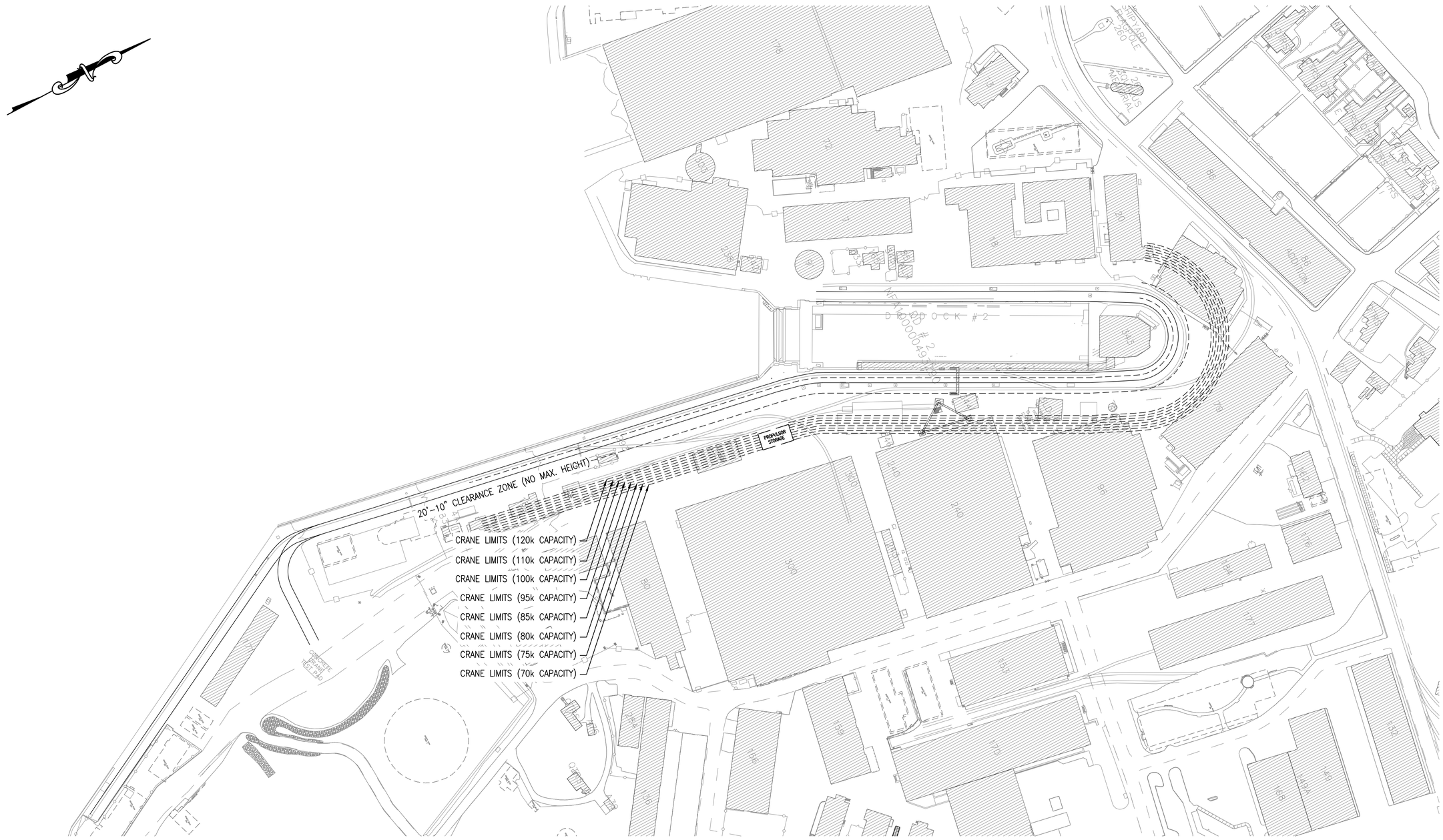
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
PUBLIC WORKS DEPARTMENT – MAINE
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
NAVAL SHIPYARD – PORTSMOUTH, NH
PORTSMOUTH NAVAL SHIPYARD
KITTERY, ME

DD#2 PROPULSOR ENCLOSURE

GENERAL CONDITIONS PLAN

EPROJECT NO.: 1364311
CONSTR. CONTR. NO. XXXXXX-XXX-XXXX
NAVFAC DRAWING NO. XXXXXXXX
SHEET 2 OF 93
G-101 DD 2-XX-XXXX

DRAWFORM REVISION: 10 OCTOBER 2014



FUTURE STORAGE PLAN NOTES:

1. STORAGE PLAN INDICATES POSSIBLE STORAGE LOCATIONS ARE AVAILABLE WITHIN THE DD#2 PORTAL CRANE CAPACITY ENVELOPE ALONG DRY DOCK #2 AND BERTH 6. MAJOR BUILDINGS ARE OUTLINED.
2. THE PROPUSLOR ENCLOSURE WILL BE STORED IN IT'S COMPLETED STAGE – WITH THE ROOF ON AND THE AFT TOWER STORED WITHIN THE CONFINES OF THE ENCLOSURE. SEE ASSEMBLED ENCLOSURE, SHEET G-001.
3. THE STRUCTURE SHALL BE ANCHORED TO RESIST UPLIFT FORCES AT COLUMNS A-1, A-4, C-1 AND C-4 WHEN WINDS ARE FORECASTED TO EXCEED 60 MPH. THE ANCHORAGE MUST BE DESIGNED TO RESIST 8,000 LB OF UPLIFT FORCE ACTING PERPENDICULAR TO THE DRYDOCK FLOOR. SEE DETAIL A3/S-504 FOR ADDITIONAL INFORMATION.
4. THE STRUCTURES BASEPLATES SHALL BE FOUNDED ON A FLAT FOUNDATION, DUNNAGE OR CRIBBING LEVEL WITHIN ⅛" BETWEEN ADJACENT BASEPLATE AND ¼" OVERALL.

PROPULSOR STORAGE PLAN (A1)

SCALE: NTS

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NAVFAC

STATE OF MAINE
BENJAMIN C. TOWNSEND
No.13287
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PROFESSIONAL ENGINEER
10/12/15
SEAL

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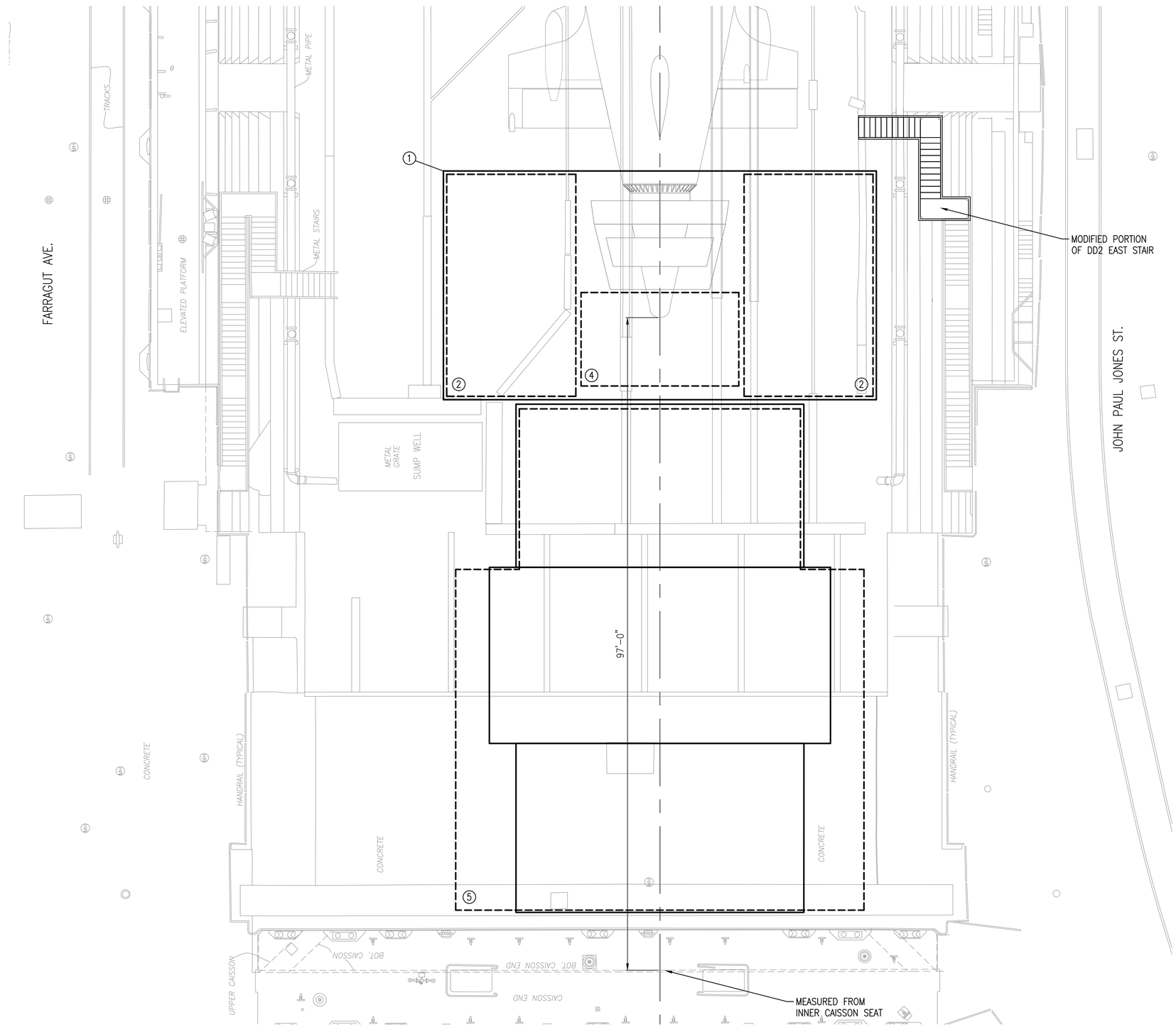
NAVAL SHIPYARD – PORTSMOUTH, NH
PORTSMOUTH NAVAL SHIPYARD
KITTERY, ME
DD#2 PROPULSOR ENCLOSURE
PROPULSOR STORAGE PLAN

EPROJECT NO.: 1364311
CONSTR. CONTR. NO. XXXXXX-XXX-XXXX
NAVFAC DRAWING NO. XXXXXXXX
SHEET 3 OF 93
G-102 | DD 2-XX-XXXX

DRAWFORM REVISION: 10 OCTOBER 2014



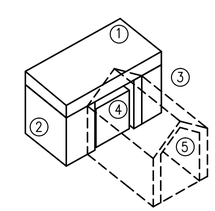
DIAGRAMMATIC LAYOUT PLAN

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

NOTES

1. STRUCTURES SHOWN IN DIAGRAMMATIC FORM IN ORDER TO REPRESENT ADJACENT RELATIONSHIPS AND ASSEMBLED CONDITIONS WITHIN DRY DOCK 2.

MODULE KEY



1. ROOF MODULE
2. PORT MODULE
3. STARBOARD MODULE
4. AFT TOWER
5. AFT AREA

0 4' 8' 12'
Scale: 3/16" = 1'-0"

SYM	DESCRIPTION	DATE	APPR
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NAVFAC

STATE OF MAINE
BENJAMIN C. TOWNSEND
No.13287
LICENSED PROFESSIONAL ENGINEER
10/12/15
SEAL

Colby Company engineering
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FIRE PROTECTION X

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
PUBLIC WORKS DEPARTMENT – MAINE
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
NAVAL SHIPYARD – PORTSMOUTH, NH
PORTSMOUTH NAVAL SHIPYARD
KITTERY, ME

DD#2 PROPULSOR ENCLOSURE

DIAGRAMMATIC LAYOUT PLAN

EPROJECT NO.: 1364311
CONSTR. CONTR. NO. XXXXXX–XXX–XXXX
NAVFAC DRAWING NO. XXXXXXXX
SHEET 4 OF 93
G-103 | DD 2-XX-XXXX

DRAWFORM REVISION: 10 OCTOBER 2014

SYMBOLS

- X.X — COLUMN LINE MARKER
- 1 / XXXX — SECTION MARK
- 0.00' — EXTERIOR ELEVATION CALL
- 1 / XXXX — INTERIOR ELEVATION CALL
- 1 / XXXX — ELEVATION
- 101 — ROOM # DESIGNATION
- 001 — DOOR CALL
- 1 / A-001 — DETAIL CALL
- E — PARTITION TYPE
- XX — NOTES
- 1A — REVISION TAG

LEGEND

- CONCRETE
- STEEL
- INSULATION - RIGID
- EARTH
- CRUSHED STONE

ABBREVIATIONS

AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
ACOUS.	ACOUSTICAL
APPROX.	APPROXIMATELY
BLDG.	BUILDING
BOT.	BOTTOM
C.B.	CATCH BASIN
C.J.	CONTROL JOINT
C.O.	CLEAN OUT
C.R.	COLD ROLLED
CEM.	CEMENT
CLG.	CEILING
COL.	COLUMN
CONCR.	CONCRETE
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
DBL.	DOUBLE
DTL.	DETAIL
DIA.	DIAMETER
DIM.	DIMENSION
DN	DOWN
DWG.	DRAWING
E.J.	EXPANSION JOINT
EA.	EACH
EL.	ELEVATION
ELECT.	ELECTRICAL
EQ.	EQUAL
EQUIP.	EQUIPMENT
EXIST.	EXISTING
EXP.	EXPANSION
EXT.	EXTERIOR
F/	FACE OF
F.D.	FLOOR DRAIN
FDN	FOUNDATION
FIN.	FINISH
FLR.	FLOOR
FLUOR.	FLUORESCENT
FT	FEET
GA.	GAUGE
GALV.	GALVANIZED
GEN.	GENERAL
H.M.	HOLLOW METAL
HD.	HEAD
HORIZ.	HORIZONTAL
HT.	HEIGHT
I.D.	INSIDE DIAMETER
IMP	INSULATED METAL PANEL
IN.	INCH
INCAN.	INCANDESCENT
INSUL.	INSULATION
INT.	INTERIOR
JT.	JOINT
LT. WT.	LIGHTWEIGHT
MANUF.	MANUFACTURER
MAX.	MAXIMUM
MECH.	MECHANICAL
MIN.	MINIMUM
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.E.	ROUGH OPENING
RAD.	RADIUS
REQ.	REQUIRED
RET.	RETAINING
RM.	ROOM
S.S.	STAINLESS STEEL
S.V.	SHEET VINYL
SCHED.	SCHEDULE
SECT.	SECTION
SHT.	SHEET
SIM.	SIMILAR
SPEC.	SPECIFICATION
SQ.	SQUARE
STD	STANDARD
STRUCT.	STRUCTURAL
T.O.W.	TOP OF WALL
TEL.	TELEPHONE
THRU	THROUGH
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
VERT.	VERTICAL
W/	WITH
W.P.	WATERPROOF
W.W.F.	WELDED WIRE FABRIC

GENERAL NOTES

1. COORDINATE ALL DOORS, HATCH LOCATIONS AND DIMENSIONS WITH STRUCTURAL FRAMING PLANS.
2. INSTALL ALL IMP PER MANUFACTURER'S RECOMMENDATIONS.

SYM	DESCRIPTION	DATE	APPR
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NAVFAC

REGISTERED ARCHITECT DONALD M. DYER No. 859 STATE OF MAINE

Colby Company engineering

A/E INFO

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE 10/12/15

DES BJB | DRW BCH | CHK DMD

PM/DM IAN BODWELL

BRANCH MANAGER NATHAN MAHER

FEAD/PM&E AMIN BAHROUR PM&E

FIRE PROTECTION X

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
PUBLIC WORKS DEPARTMENT – MAINE

NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
NAVAL SHIPYARD – PORTSMOUTH, NH

PORTSMOUTH NAVAL SHIPYARD

KITTERY, ME

DD#2 PROPULSOR ENCLOSURE

ARCHITECTURAL LEGEND AND NOTES

EPROJECT NO.: 1364311

CONSTR. CONTR. NO. XXXXXX-XXX-XXXX

NAVFAC DRAWING NO. XXXXXXXX

SHEET 5 OF 93

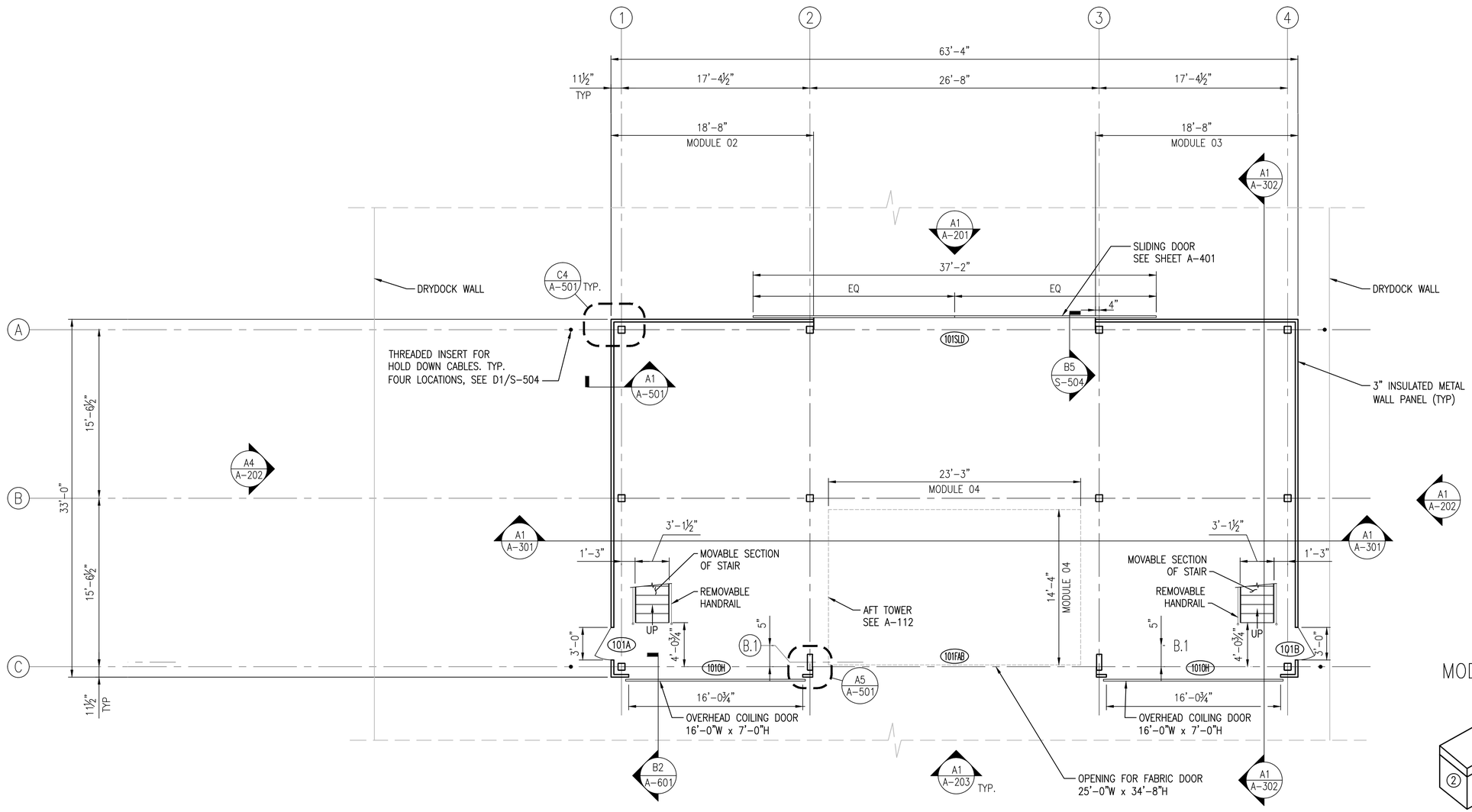
A-001 | DD 2-XX-XXXX

DRAWFORM REVISION: 10 OCTOBER 2014

FILE NAME: X:\297 Portsmouth Naval Shipyard\297.004.001 - DD#2 Propulsor Enclosure\Drawings\Sheets\A-001.dwg LAYOUT NAME: A-001 PLOTTED: Monday, October 12, 2015 - 11:58am USER: Greg Norton

NOTES

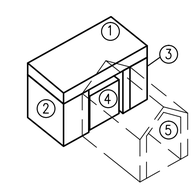
1. FOR HANDRAILS DETAILS SEE STRUCTURAL.



ARCHITECTURAL FLOOR PLAN LEVEL 1

SCALE:3/16"=1'-0"

MODULE KEY



1. ROOF MODULE
2. PORT MODULE
3. STARBOARD MODULE
4. AFT TOWER
5. AFT AREA

0 4' 8' 12'
Scale: 3/16" = 1'-0"

STM	DESCRIPTION	DATE	APPR
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NAVFAC

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DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
PUBLIC WORKS DEPARTMENT – MAINE
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL SHIPYARD – PORTSMOUTH, NH
PORTSMOUTH NAVAL SHIPYARD
KITTERY, ME

DD#2 PROPULSOR ENCLOSURE

ARCHITECTURAL FLOOR PLAN LEVEL 1

EPROJECT NO.: 1364311

CONSTR. CONTR. NO. XXXXXX-XXX-XXXX

NAVFAC DRAWING NO. XXXXXXXX

SHEET 6 OF 93

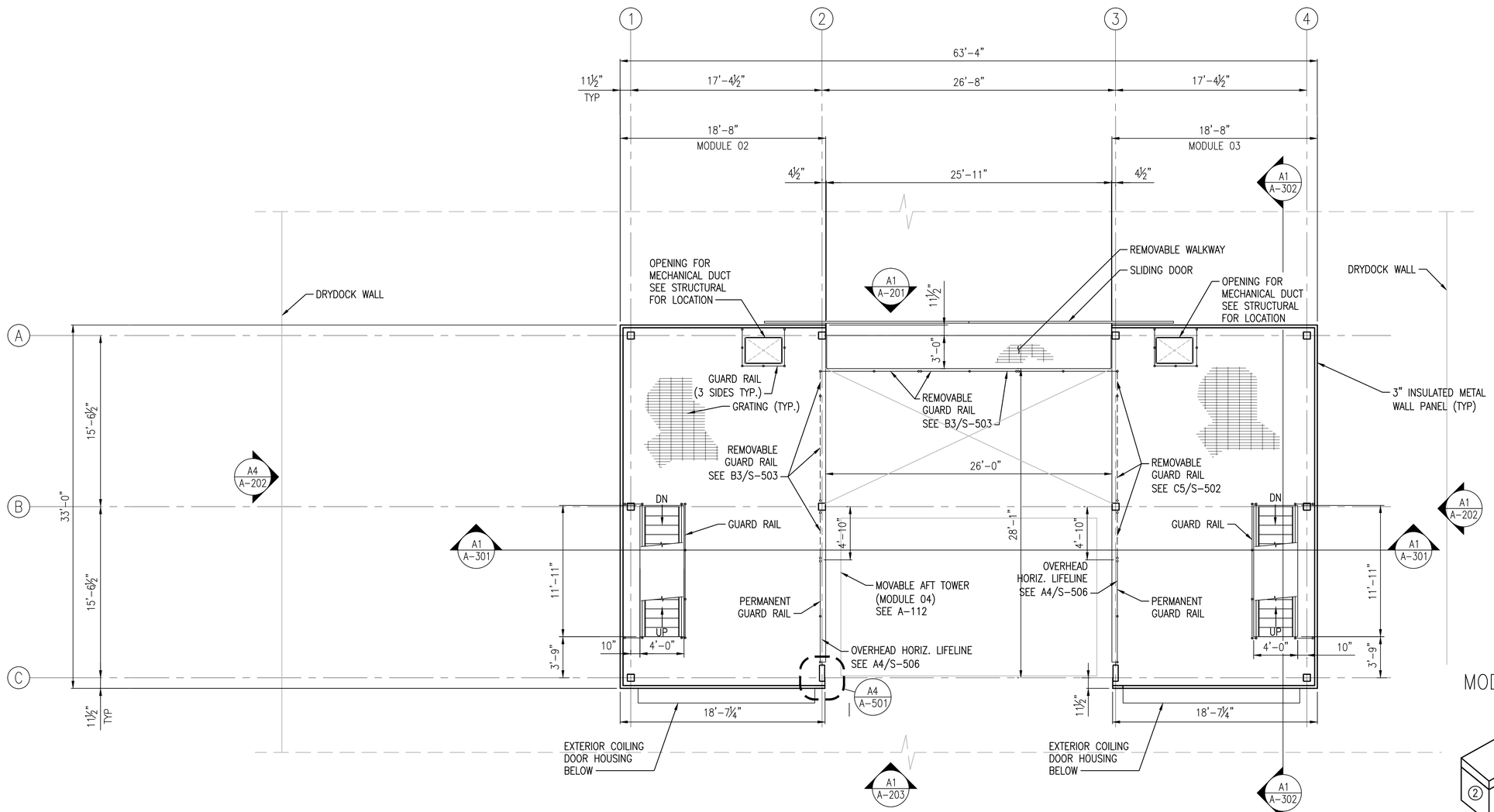
A-101 | DD 2-XX-XXXX

DRAWFORM REVISION: 10 OCTOBER 2014

FILE NAME: X:\297 Portsmouth Naval Shipyard\297.004.001 – DD#2 Propulsor Enclosure\Drawings\Sheets\A-101.dwg LAYOUT NAME: A-101 PLOTTED: Monday, October 12, 2015 – 11:58am USER: Greg Norton

NOTES

1. FOR GUARDRAILS SEE STRUCTURAL DRAWINGS.

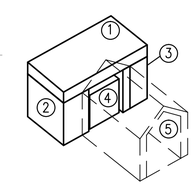


ARCHITECTURAL FLOOR PLAN LEVEL 2

SCALE:3/16"=1'-0"

PLAN NORTH

MODULE KEY



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SATISFACTORY TO DATE 10/12/15

DES GJN DRW BCH CHK DMD

PM/DM IAN BODWELL

BRANCH MANAGER NATHAN MAHER

FEAD/PM&E AMIN BAHROUR PM&E

FIRE PROTECTION X

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
PUBLIC WORKS DEPARTMENT – MAINE
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
NAVAL SHIPYARD – PORTSMOUTH, NH
PORTSMOUTH NAVAL SHIPYARD
KITTERY, ME

DD#2 PROPULSOR ENCLOSURE

ARCHITECTURAL FLOOR PLAN LEVEL 2

EPROJECT NO.: 1364311

CONSTR. CONTR. NO. XXXXXX-XXX-XXXX

NAVFAC DRAWING NO. XXXXXXXX

SHEET 7 OF 93

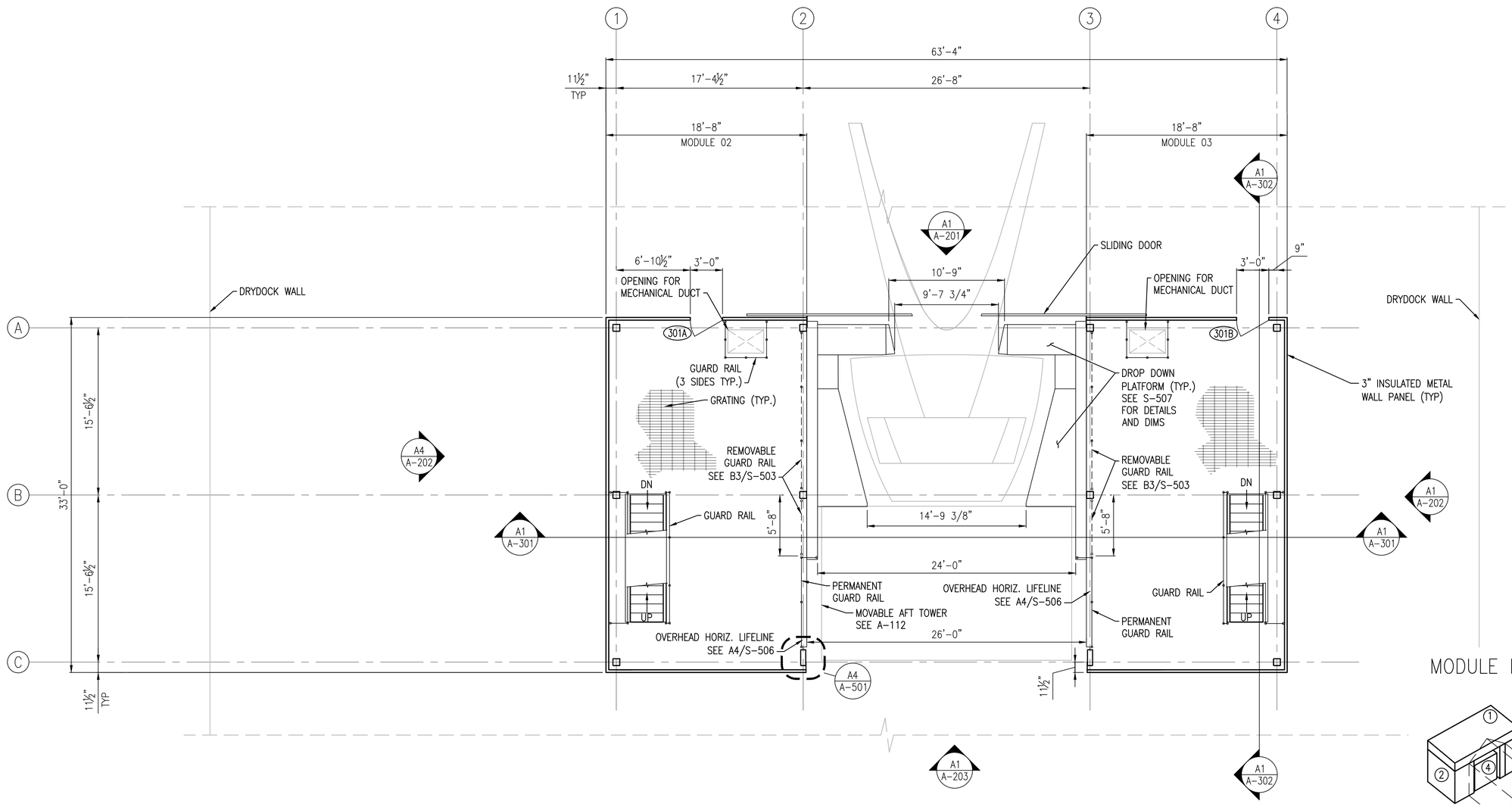
A-102 DD 2-XX-XXXX

DRAWFORM REVISION: 10 OCTOBER 2014

FILE NAME: X:\297 Portsmouth Naval Shipyard\297.004.001 – DD#2 Propulsor Enclosure\Drawings\Sheets\A-102.dwg LAYOUT NAME: A-102 PLOTTED: Monday, October 12, 2015 – 11:58am USER: Greg Norton

NOTES

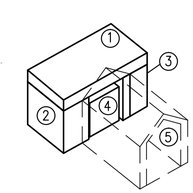
1. FOR GUARDRAILS SEE STRUCTURAL DRAWINGS.



ARCHITECTURAL FLOOR PLAN LEVEL 3

SCALE:3/16"=1'-0"

MODULE KEY



1. ROOF MODULE
2. PORT MODULE
3. STARBOARD MODULE
4. AFT TOWER
5. AFT AREA

0 4' 8' 12'
Scale: 3/16" = 1'-0"

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR CONSTRUCTION	10/12/2015	CBC

NAVFAC

REGISTERED ARCHITECT DONALD M. DYER No. 859 STATE OF MAINE

Colby Company engineering

A/E INFO

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE 10/12/15

DES. GJN | DRW. BCH | CHK. DMD

PM/CM IAN BODWELL

BRANCH MANAGER NATHAN MAHER

FEAD/PM&E AMIN BAHROUR PM&E

FIRE PROTECTION X

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
PUBLIC WORKS DEPARTMENT – MAINE
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
NAVAL SHIPYARD – PORTSMOUTH, NH
PORTSMOUTH NAVAL SHIPYARD
KITTERY, ME

DD#2 PROPULSOR ENCLOSURE

ARCHITECTURAL FLOOR PLAN LEVEL 3

EPROJECT NO.: 1364311

CONSTR. CONTR. NO. XXXXXX-XXX-XXXX

NAVFAC DRAWING NO. XXXXXXXX

SHEET 8 OF 93

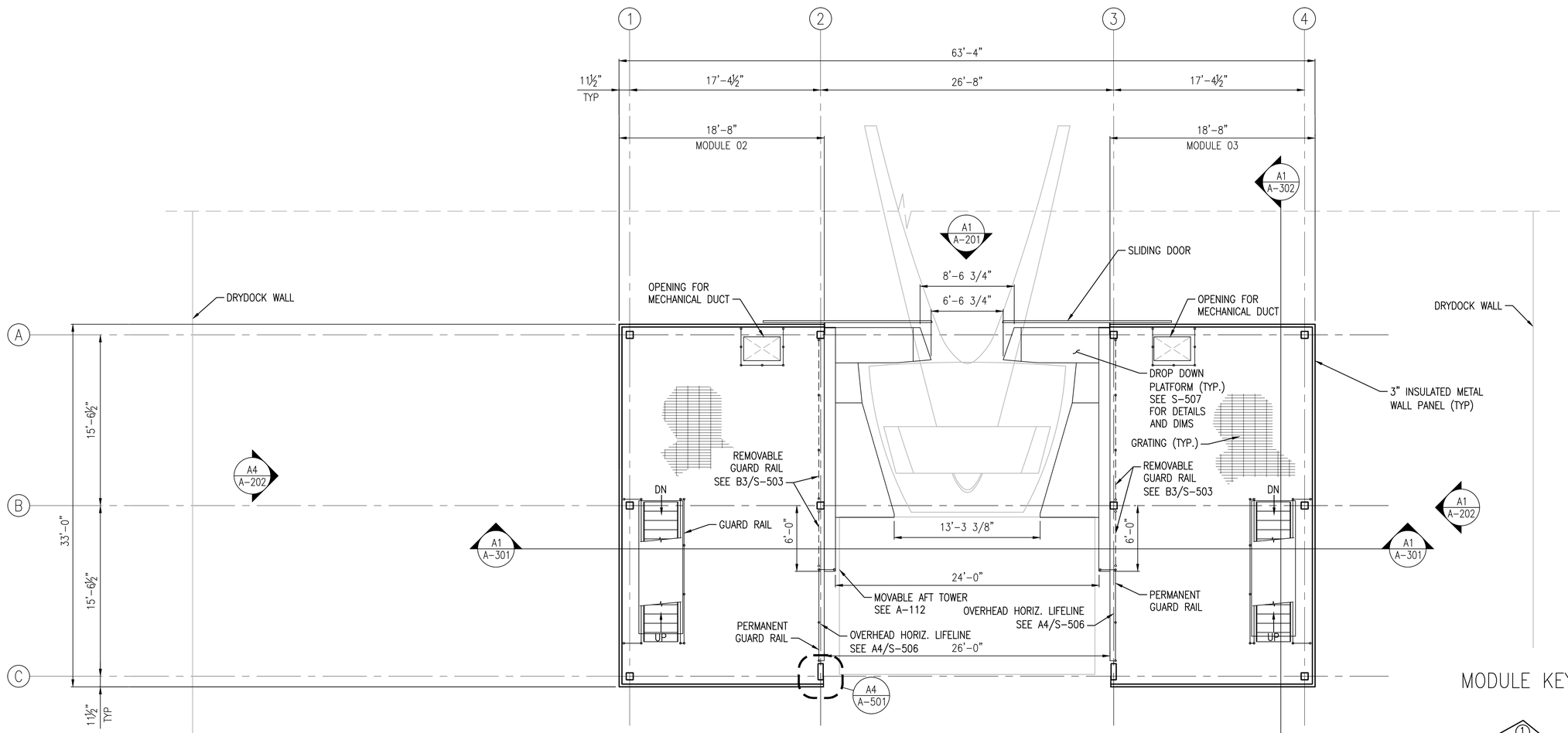
A-103 | DD 2-XX-XXXX

DRAWFORM REVISION: 10 OCTOBER 2014

FILE NAME: X:\297 Portsmouth Naval Shipyard\297.004.001 – DD#2 Propulsor Enclosure\Drawings\Sheets\A-103.dwg LAYOUT NAME: A-103 PLOTTED: Monday, October 12, 2015 – 11:58am USER: Greg Norton

NOTES

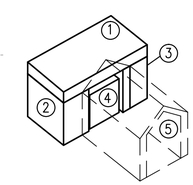
1. FOR GUARDRAILS SEE STRUCTURAL DRAWINGS.



ARCHITECTURAL FLOOR PLAN LEVEL 4

SCALE:3/16"=1'-0"

MODULE KEY



1. ROOF MODULE
2. PORT MODULE
3. STARBOARD MODULE
4. AFT TOWER
5. AFT AREA

0 4' 8' 12'
Scale: 3/16" = 1'-0"

STM	DESCRIPTION	DATE	APPR
0	ISSUED FOR CONSTRUCTION	10/12/2015	CBC

NAVFAC

REGISTERED ARCHITECT DONALD M. DYER No. 859 STATE OF MAINE

Colby Company engineering

A/E INFO

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE 10/12/15

DES GJN DRW BCH CHK DMD

PM/DM IAN BODWELL

BRANCH MANAGER NATHAN MAHER

FEAD/PM&E AMIN BAHROUR PM&E

FIRE PROTECTION X

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
PUBLIC WORKS DEPARTMENT – MAINE
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
NAVAL SHIPYARD – PORTSMOUTH, NH
PORTSMOUTH NAVAL SHIPYARD
KITTERY, ME

DD#2 PROPULSOR ENCLOSURE

ARCHITECTURAL FLOOR PLAN LEVEL 4

EPROJECT NO.: 1364311

CONSTR. CONTR. NO. XXXXXX-XXX-XXXX

NAVFAC DRAWING NO. XXXXXXXX

SHEET 9 OF 93

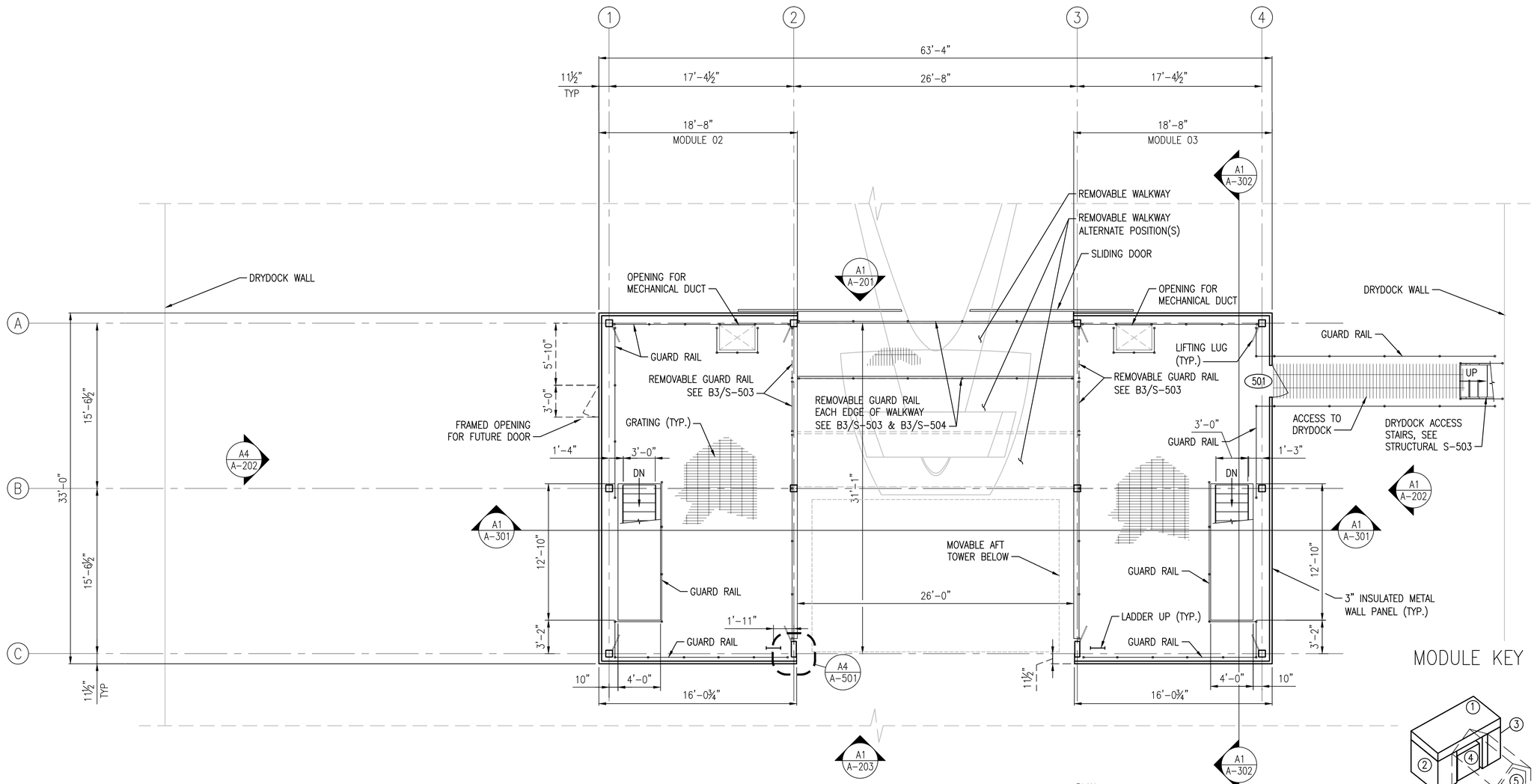
A-104 | DD 2-XX-XXXX

DRAWFORM REVISION: 10 OCTOBER 2014

FILE NAME: X:\297 Portsmouth Naval Shipyard\297.004.001 – DD#2 Propulsor Enclosure\Drawings\Sheets\A-104.dwg LAYOUT NAME: A-104 PLOTTED: Monday, October 12, 2015 – 11:59am USER: Greg Norton

NOTES

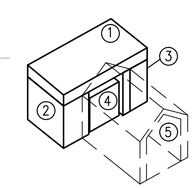
1. FOR GUARDRAILS SEE STRUCTURAL DRAWINGS.



ARCHITECTURAL FLOOR PLAN LEVEL 5

SCALE:3/16"=1'-0"

MODULE KEY



1. ROOF MODULE
2. PORT MODULE
3. STARBOARD MODULE
4. AFT TOWER
5. AFT AREA

0 4' 8' 12'
Scale: 3/16" = 1'-0"

STM	DESCRIPTION	DATE	APPR
0	ISSUED FOR CONSTRUCTION	10/12/2015	CBC

NAVFAC

REGISTERED ARCHITECT DONALD M. DYER No. 859 STATE OF MAINE

Colby Company engineering

A/E INFO

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE 10/12/15

DES GJN DRW BCH CHK DMD

PM/DM IAN BODWELL

BRANCH MANAGER NATHAN MAHER

FEAD/PM&E AMIN BAHROUR PM&E

FIRE PROTECTION X

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
PUBLIC WORKS DEPARTMENT – MAINE
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
NAVAL SHIPYARD – PORTSMOUTH, NH
PORTSMOUTH NAVAL SHIPYARD
KITTERY, ME

DD#2 PROPULSOR ENCLOSURE

ARCHITECTURAL FLOOR PLAN LEVEL 5

EPROJECT NO.: 1364311

CONSTR. CONTR. NO. XXXXXX-XXX-XXXX

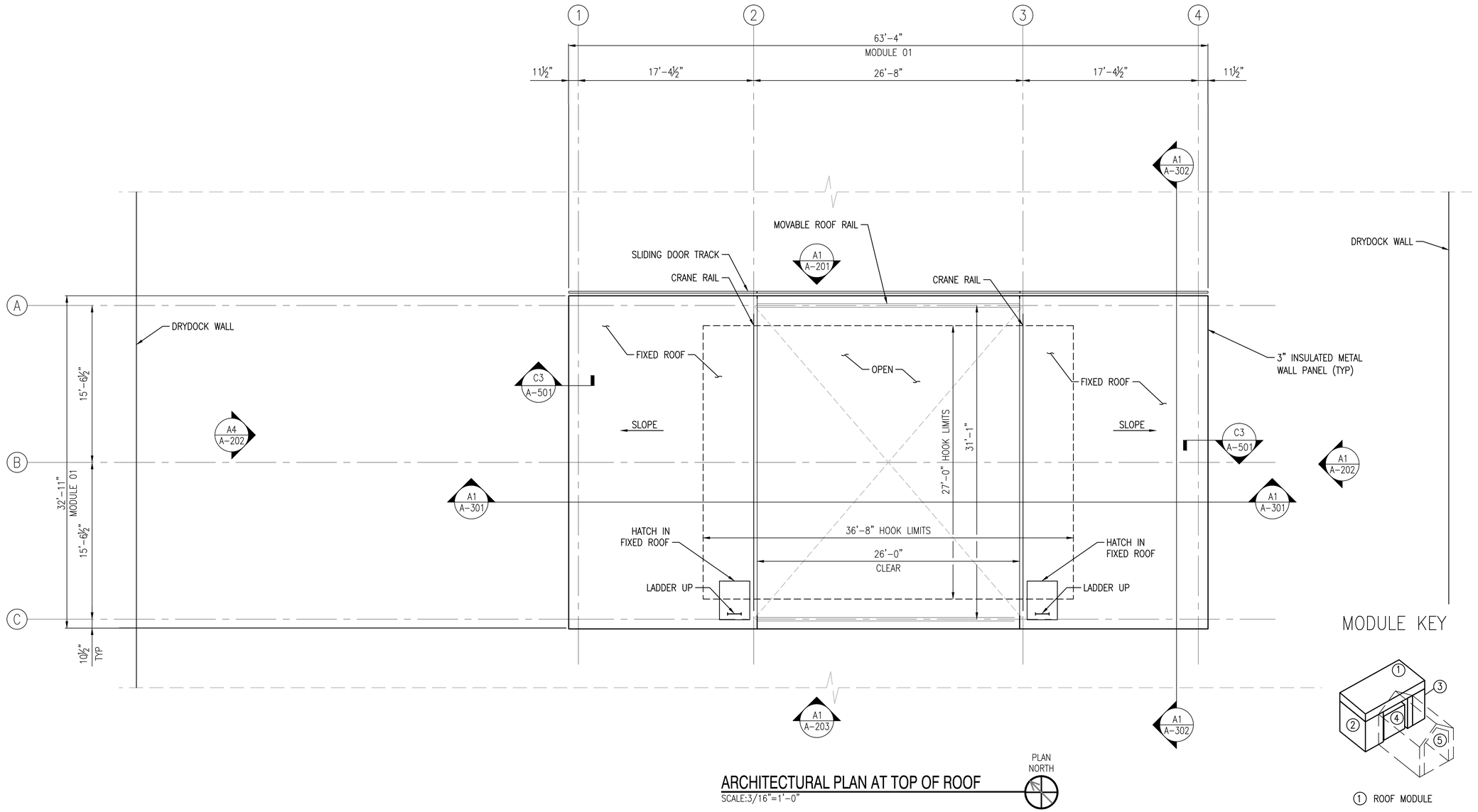
NAVFAC DRAWING NO. XXXXXXXX

SHEET 10 OF 93

A-105 DD 2-XX-XXXX

DRAWFORM REVISION: 10 OCTOBER 2014

FILE NAME: X:\297 Portsmouth Naval Shipyard\297.004.001 – DD#2 Propulsor Enclosure\Drawings\Sheets\A-105.dwg LAYOUT NAME: A-105 PLOTTED: Monday, October 12, 2015 – 11:59am USER: Greg Norton



ARCHITECTURAL PLAN AT TOP OF ROOF

SCALE:3/16"=1'-0"

PLAN NORTH

MODULE KEY

1. ROOF MODULE
2. PORT MODULE
3. STARBOARD MODULE
4. AFT TOWER
5. AFT AREA

0 4' 8' 12'
Scale: 3/16" = 1'-0"

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR CONSTRUCTION	10/12/2015	CBC

NAVFAC

REGISTERED ARCHITECT DONALD M. DYER No. 859 STATE OF MAINE

Colby Company engineering

A/E INFO

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE 10/12/15

DES GJN | DRW BCH | CHK DMD

PM/DM IAN BODWELL

BRANCH MANAGER NATHAN MAHER

FEAD/PM&E AMIN BAHROUR PM&E

FIRE PROTECTION X

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
PUBLIC WORKS DEPARTMENT – MAINE
NAVAL SHIPYARD – PORTSMOUTH, NH
PORTSMOUTH NAVAL SHIPYARD
KITTERY, ME

DD#2 PROPULSOR ENCLOSURE

ARCHITECTURAL PLAN AT BOTTOM OF ROOF

EPROJECT NO.: 1364311

CONSTR. CONTR. NO. XXXXXX-XXX-XXXX

NAVFAC DRAWING NO. XXXXXXXX

SHEET 11 OF 93

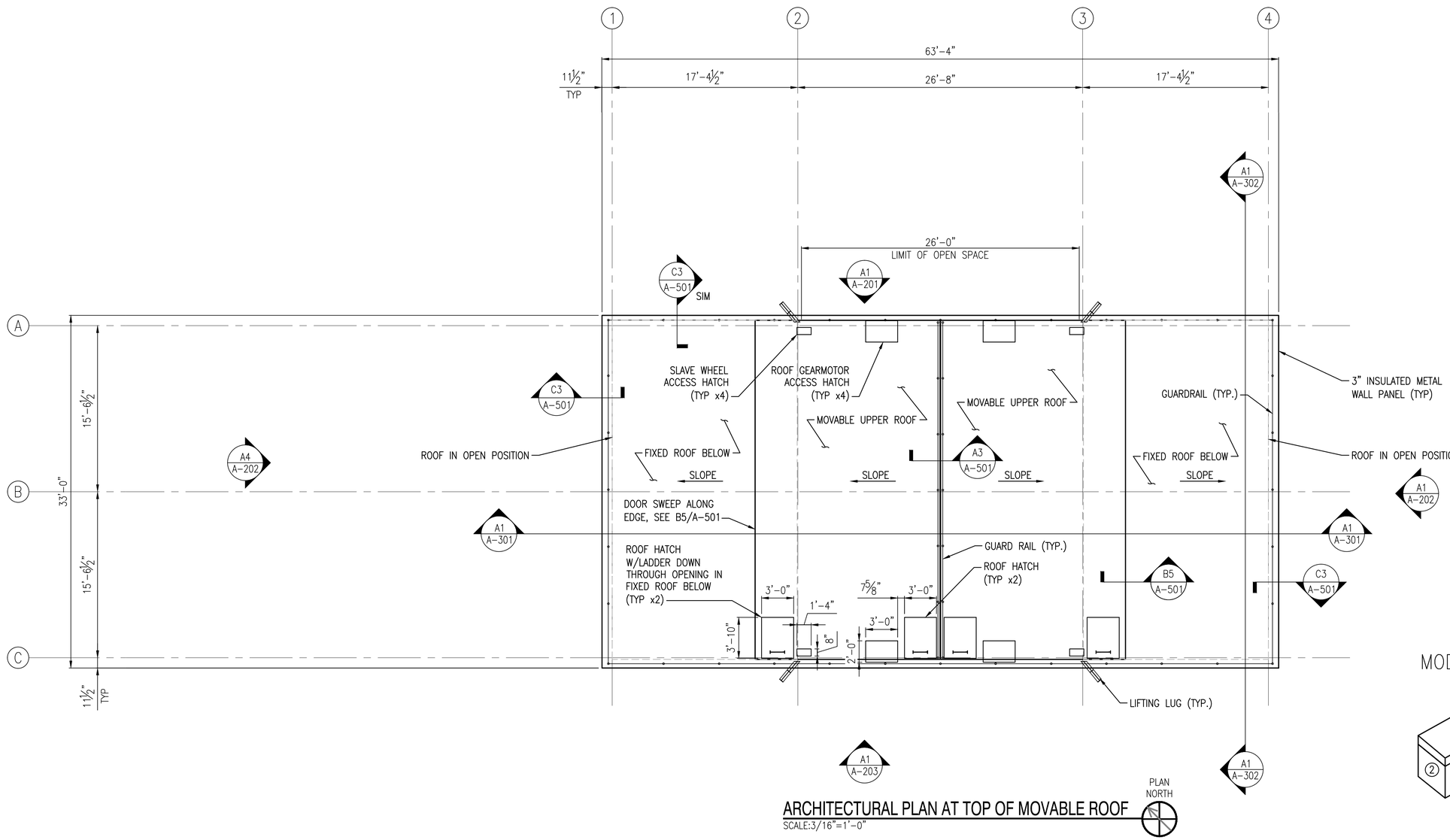
A-106 | DD 2-XX-XXXX

DRAWFORM REVISION: 10 OCTOBER 2014

FILE NAME: X:\297 Portsmouth Naval Shipyard\297.004.001 – DD#2 Propulsor Enclosure\Drawings\Sheets\A-106.dwg LAYOUT NAME: A-106 PLOTTED: Monday, October 12, 2015 – 11:59am USER: Greg Norton

NOTES

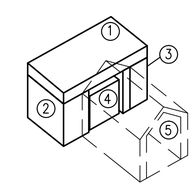
1. FOR GENERAL AND ARCHITECTURAL NOTES SEE DRAWING A-001.
2. COORDINATE ALL ROOF HATCH LOCATIONS WITH STRUCTURAL FRAMED OPENINGS.



ARCHITECTURAL PLAN AT TOP OF MOVABLE ROOF

SCALE:3/16"=1'-0"

MODULE KEY



1. ROOF MODULE
2. PORT MODULE
3. STARBOARD MODULE
4. AFT TOWER
5. AFT AREA

0 4' 8' 12'
Scale: 3/16" = 1'-0"

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR CONSTRUCTION	10/12/2015	CBC

NAVFAC

REGISTERED ARCHITECT DONALD M. DYER No. 859 STATE OF MAINE

Colby Company engineering

A/E INFO.

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE 10/12/15

DES GJN | DRW BCH | CHK DMD

PM/DM IAN BODWELL

BRANCH MANAGER NATHAN MAHER

FEAD/PM&E AMIN BAHROUR PM&E

FIRE PROTECTION X

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
PUBLIC WORKS DEPARTMENT – MAINE
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
NAVAL SHIPYARD – PORTSMOUTH, NH
PORTSMOUTH NAVAL SHIPYARD
KITTERY, ME

DD#2 PROPULSOR ENCLOSURE

ARCHITECTURAL PLAN AT TOP OF ROOF

EPROJECT NO.: 1364311

CONSTR. CONTR. NO. XXXXXX-XXX-XXXX

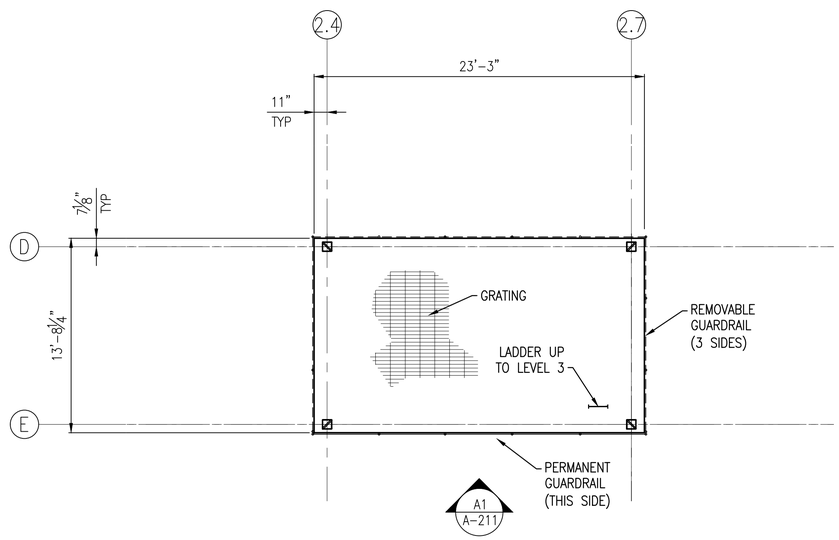
NAVFAC DRAWING NO. XXXXXXXX

SHEET 12 OF 93

A-107 | DD 2-XX-XXXX

DRAWFORM REVISION: 10 OCTOBER 2014

FILE NAME: X:\297 Portsmouth Naval Shipyard\297.004.001 – DD#2 Propulsor Enclosure\Drawings\Sheets\A-107.dwg LAYOUT NAME: A-107 PLOTTED: Monday, October 12, 2015 – 11:59am USER: Greg Norton



ARCHITECTURAL FLOOR PLAN - AFT TOWER LEVEL 2

SCALE:3/16"=1'-0"

PLAN NORTH

0 4' 8' 12'
Scale: 3/16" = 1'-0"

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR CONSTRUCTION	10/12/2015	CBC

NAVFAC

REGISTERED ARCHITECT
DONALD M. DYER
No. 859
STATE OF MAINE

Colby Company engineering
A/E INFO

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE 10/12/15
DES GJN | DRW BCH | CHK DMD
PM/DM IAN BODWELL
BRANCH MANAGER NATHAN MAHER
FEAD/PM&E AMIN BAHROUR PM&E
FIRE PROTECTION X

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
PUBLIC WORKS DEPARTMENT – MAINE
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
NAVAL SHIPYARD – PORTSMOUTH, NH
PORTSMOUTH NAVAL SHIPYARD
KITTERY, ME

DD#2 PROPULSOR ENCLOSURE

ARCHITECTURAL FLOOR PLAN – AFT TOWER LEVEL 2

EPROJECT NO.: 1364311
CONSTR. CONTR. NO. XXXXXX-XXX-XXXX
NAVFAC DRAWING NO. XXXXXXXX
SHEET 13 OF 93
A-112 | DD 2-XX-XXXX

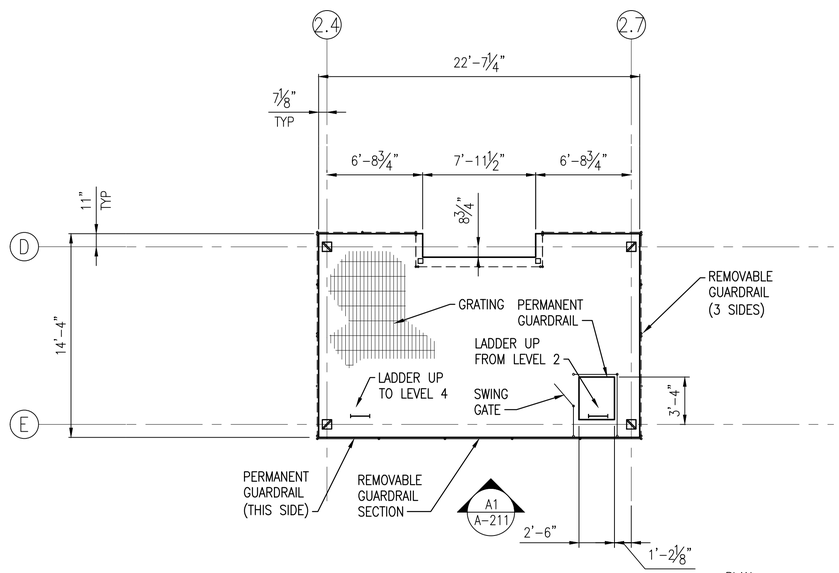
DRAWFORM REVISION: 10 OCTOBER 2014

FILE NAME: K:\297 Portsmouth Naval Shipyard\297.004.001 – DD#2 Propulsor Enclosure\Drawings\Sheets\A-112.dwg LAYOUT NAME: A-112 PLOTTED: Monday, October 12, 2015 – 11:59am USER: Greg Norton

LEGEND

REMOVABLE GUARDRAIL

PERMANENT GUARDRAIL



ARCHITECTURAL FLOOR PLAN - AFT TOWER LEVEL 3

SCALE:3/16"=1'-0"

0 4' 8' 12'
Scale: 3/16" = 1'-0"

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR CONSTRUCTION	10/12/2015	CBC

NAVFAC

REGISTERED ARCHITECT
DONALD M. DYER
No. 859
STATE OF MAINE

Colby Company engineering

A/E INFO

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE 10/12/15

DES GJN | DRW ERB | CHK DMD

PM/DM IAN BODWELL

BRANCH MANAGER NATHAN MAHER

FEAD/PM&E AMIN BAHROUR PM&E

FIRE PROTECTION X

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
PUBLIC WORKS DEPARTMENT – MAINE
PORTSMOUTH NAVAL SHIPYARD

NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
NAVAL SHIPYARD – PORTSMOUTH, NH
KITTERY, ME

DD#2 PROPULSOR ENCLOSURE

ARCHITECTURAL FLOOR PLAN – AFT TOWER LEVEL 3

EPROJECT NO.: 1364311

CONSTR. CONTR. NO. XXXXXX-XXX-XXXX

NAVFAC DRAWING NO. XXXXXXXX

SHEET 14 OF 93

A-113 | DD 2-XX-XXXX

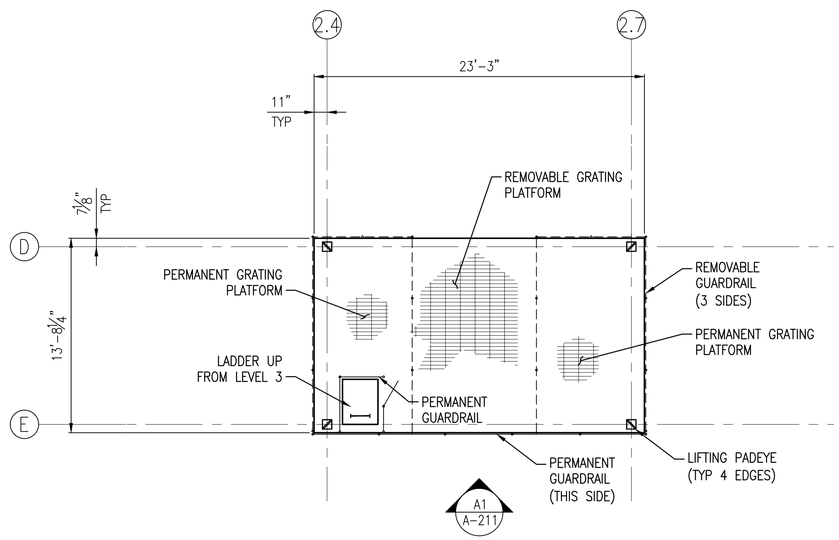
DRAWFORM REVISION: 10 OCTOBER 2014

FILE NAME: K:\297 Portsmouth Naval Shipyard\297.004.001 – DD#2 Propulsor Enclosure\Drawings\Sheets\A-113.dwg LAYOUT NAME: A-113 PLOTTED: Monday, October 12, 2015 – 11:59am USER: Greg Norton

LEGEND

REMOVABLE GUARDRAIL

PERMANENT GUARDRAIL



ARCHITECTURAL FLOOR PLAN - AFT TOWER LEVEL 4

SCALE:3/16"=1'-0"

PLAN NORTH

0 4' 8' 12'
Scale: 3/16" = 1'-0"

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR CONSTRUCTION	10/12/2015	CBC

NAVFAC

REGISTERED ARCHITECT
DONALD M. DYER
No. 859
STATE OF MAINE
10-12-2015

Colby Company engineering
A/E INFO

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE 10/12/15
DES GJN DRW ERB CHK DMD
PM/DM IAN BODWELL
BRANCH MANAGER NATHAN MAHER
FEAD/PM&E AMIN BAHROUR PM&E
FIRE PROTECTION X

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
PUBLIC WORKS DEPARTMENT – MAINE
PORTSMOUTH NAVAL SHIPYARD

NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
NAVAL SHIPYARD – PORTSMOUTH, NH
KITTERY, ME

DD#2 PROPULSOR ENCLOSURE

ARCHITECTURAL FLOOR PLAN – AFT TOWER LEVEL 4

EPROJECT NO.: 1364311
CONSTR. CONTR. NO. XXXXXX-XXX-XXXX
NAVFAC DRAWING NO. XXXXXXXX
SHEET 15 OF 93

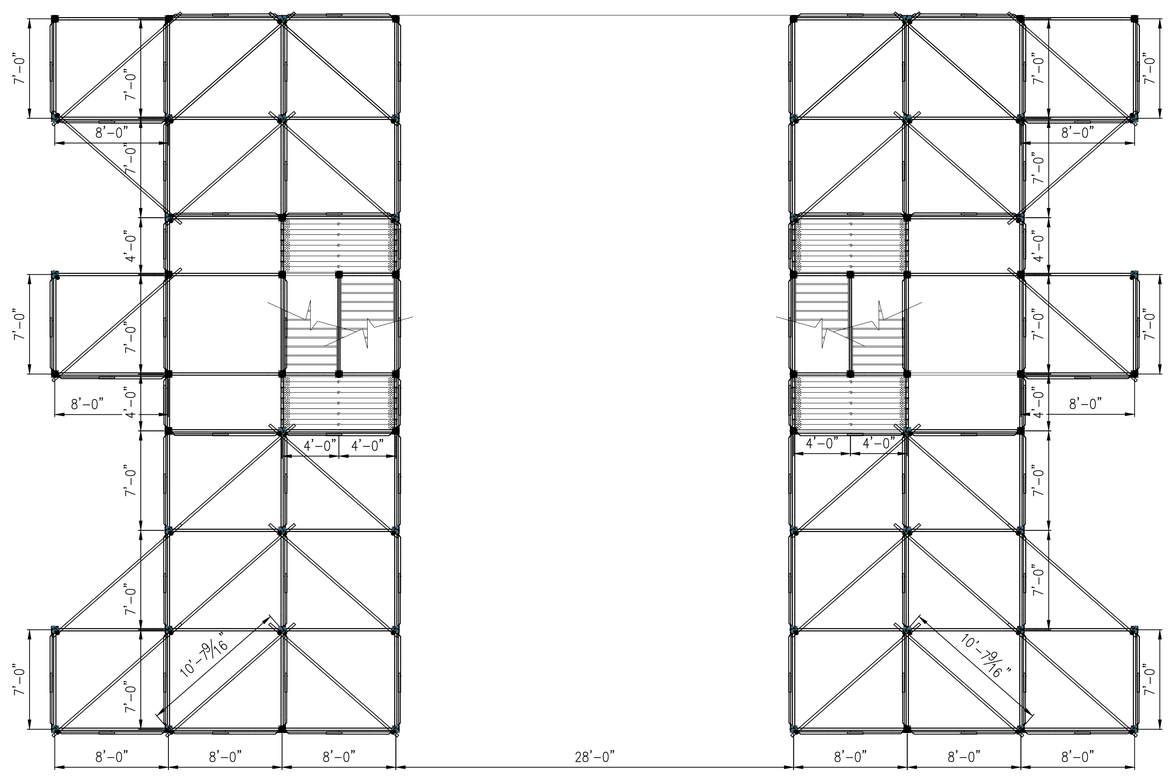
A-114 DD 2-XX-XXXX

DRAWFORM REVISION: 10 OCTOBER 2014

FILE NAME: K:\297 Portsmouth Naval Shipyard\297.004.001 – DD#2 Propulsor Enclosure\Drawings\Sheets\A-114.dwg LAYOUT NAME: A-114 PLOTTED: Monday, October 12, 2015 – 11:59am USER: Greg Norton

NOTES

1. SCAFFOLD IS DESIGNED USING EXCEL MODULAR SYSTEM SCAFFOLD.
2. DESIGN OF SCAFFOLDING SYSTEM SHALL BE BY EXCEL MODULAR SYSTEM SCAFFOLD. PROVIDE DETAILED SHOP DRAWINGS AND STRUCTURAL CALCULATIONS FOR REVIEW AND APPROVAL. SHOP DRAWINGS AND CALCULATIONS SHALL BE STAMPED BE A LICENSED PROFESSIONAL ENGINEER
3. SCAFFOLD DECKING TO HAVE LIVE LOAD OF 25 PSF. ONLY THE UPPER LEVEL ROOF ACCESS DECKS ARE REQUIRED BE FULLY DECKED.
4. COORDINATE DESIGN OF SCAFFOLDING WITH DESIGN OF ROLLING ROOF SYSTEM.
5. SCAFFOLDING SHALL BE DESIGN TO SUPPORT ALL STATIC AND DYNAMIC LOADS IMPARTED BY THE ROLLING ROOF SYSTEM
6. ACCESS TO DECKS TO BE BY WAY OF STAIR TOWER AS SHOWN ON THE DRAWINGS.
7. TUBE AND CLAMP MAY BE USED TO REPLACE ANY BRACING WHEN REQUIRED.
8. SCAFFOLD IS TO BE ENCLOSED USING SAIL SYSTEM ENCLOSURES.
9. SCAFFOLD TO BE BUILT IN ACCORDANCE WITH ALL OSHA REQUIREMENTS.
10. SCAFFOLD HAS BEEN DESIGNED TO BE ENCLOSED AND IS BASED OFF OF A MAXIMUM
11. WIND GUST FOR 3 SECOND GUST AT 100 MPH. WHEN SUSTAINED WIND SPEED REACHES 65 MPH THE SAIL ENCLOSURE SHALL BE DROPPED TO ALLOW WIND PASSAGE THROUGH THE SCAFFOLD.
12. PRIOR TO FINAL DRAWINGS BEING PROVIDED A SITE MEETING SHALL BE HELD WITH NAVFAC/PWD TO GO OVER SITE CONDITIONS AND EQUIPMENT.



AFT AREA PLAN - LEVEL 1 (BASE)

SCALE:3/16"=1'-0"

0 4' 8' 12'
Scale: 3/16" = 1'-0"

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR CONSTRUCTION	10/12/2015	CBC

NAVFAC

REGISTERED ARCHITECT
DONALD M. DYER
No. 859
STATE OF MAINE

Colby Company engineering
A/E INFO

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE 10/12/15
DES GJN | DRW ERB | CHK DMD
PM/DM IAN BODWELL
BRANCH MANAGER NATHAN MAHER
FEAD/PM&E AMIN BAHROUR PM&E
FIRE PROTECTION X

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
PUBLIC WORKS DEPARTMENT – MAINE
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
NAVAL SHIPYARD – PORTSMOUTH, NH
PORTSMOUTH NAVAL SHIPYARD
KITTERY, ME

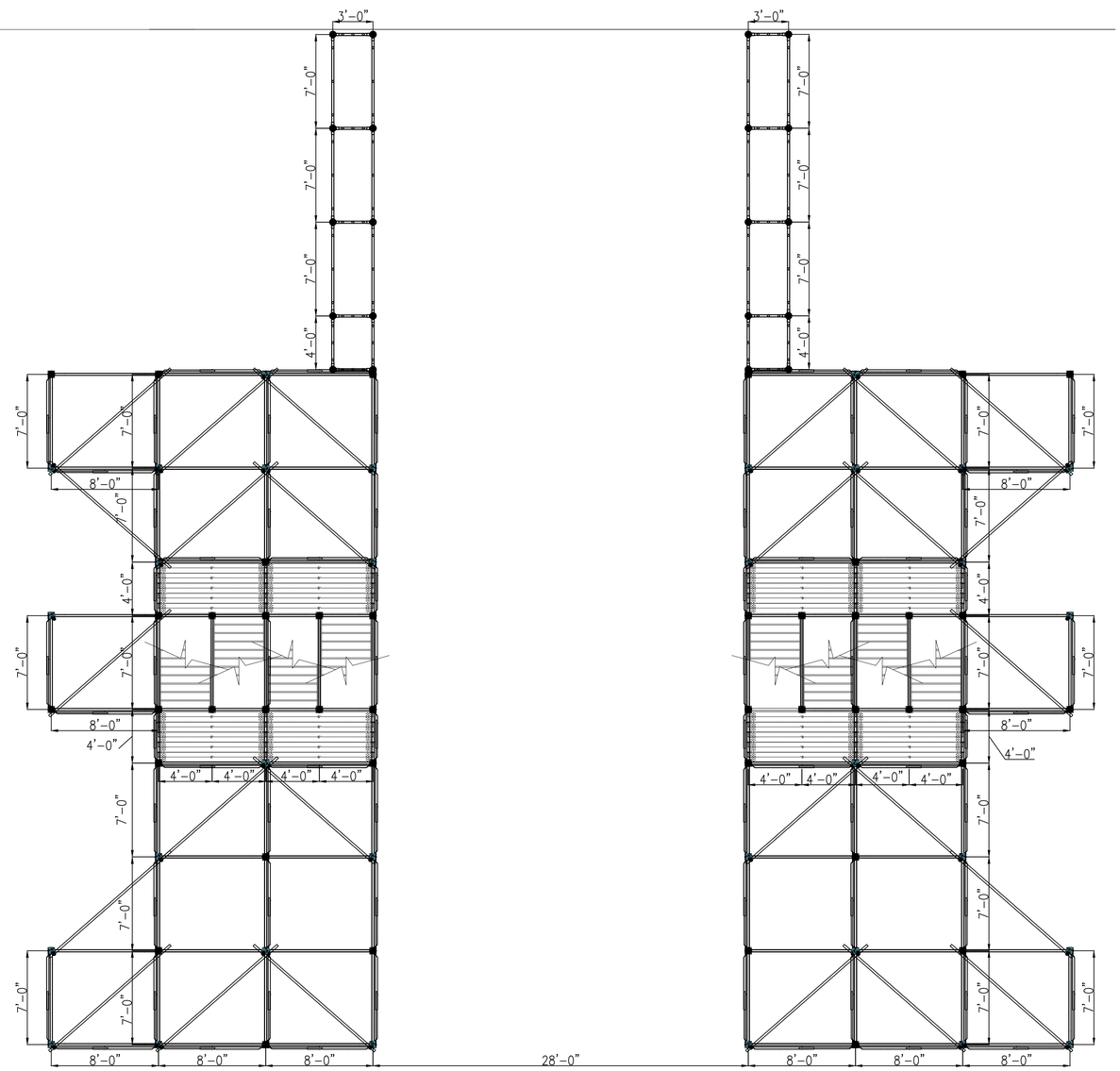
DD#2 PROPULSOR ENCLOSURE

AFT AREA PLAN – LEVEL 1 (BASE)

EPROJECT NO.: 1364311
CONSTR. CONTR. NO. XXXXXX-XXX-XXXX
NAVFAC DRAWING NO. XXXXXXXX
SHEET 16 OF 93
A-121 | DD 2-XX-XXXX

DRAWFORM REVISION: 10 OCTOBER 2014

FILE NAME: X:\297 Portsmouth Naval Shipyard\297.004.001 – DD#2 Propulsor Enclosure\Drawings\Sheets\A-121.dwg LAYOUT NAME: A-121 PLOTTED: Monday, October 12, 2015 – 11:59am USER: Greg Norton



AFT AREA PLAN - LEVEL 2 (MIDDLE)

SCALE:3/16"=1'-0"

PLAN NORTH

NOTES

1. SCAFFOLD IS DESIGNED USING EXCEL MODULAR SYSTEM SCAFFOLD.
2. DESIGN OF SCAFFOLDING SYSTEM SHALL BE BY EXCEL MODULAR SYSTEM SCAFFOLD. PROVIDE DETAILED SHOP DRAWINGS AND STRUCTURAL CALCULATIONS FOR REVIEW AND APPROVAL. SHOP DRAWINGS AND CALCULATIONS SHALL BE STAMPED BE A LICENSED PROFESSIONAL ENGINEER
3. SCAFFOLD DECKING TO HAVE LIVE LOAD OF 25 PSF. ONLY THE UPPER LEVEL ROOF ACCESS DECKS ARE REQUIRED BE FULLY DECKED.
4. COORDINATE DESIGN OF SCAFFOLDING WITH DESIGN OF ROLLING ROOF SYSTEM.
5. SCAFFOLDING SHALL BE DESIGN TO SUPPORT ALL STATIC AND DYNAMIC LOADS IMPARTED BY THE ROLLING ROOF SYSTEM
6. ACCESS TO DECKS TO BE BY WAY OF STAIR TOWER AS SHOWN ON THE DRAWINGS.
7. TUBE AND CLAMP MAY BE USED TO REPLACE ANY BRACING WHEN REQUIRED.
8. SCAFFOLD IS TO BE ENCLOSED USING SAIL SYSTEM ENCLOSURES.
9. SCAFFOLD TO BE BUILT IN ACCORDANCE WITH ALL OSHA REQUIREMENTS.
10. SCAFFOLD HAS BEEN DESIGNED TO BE ENCLOSED AND IS BASED OFF OF A MAXIMUM
11. WIND GUST FOR 3 SECOND GUST AT 100 MPH. WHEN SUSTAINED WIND SPEED REACHES 65 MPH THE SAIL ENCLOSURE SHALL BE DROPPED TO ALLOW WIND PASSAGE THROUGH THE SCAFFOLD.
12. PRIOR TO FINAL DRAWINGS BEING PROVIDED A SITE MEETING SHALL BE HELD WITH NAVFAC/PWD TO GO OVER SITE CONDITIONS AND EQUIPMENT.

Scale: 3/16" = 1'-0"

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR CONSTRUCTION	10/12/2015	CBC

REGISTERED ARCHITECT DONALD M. DYER No. 859 STATE OF MAINE

Colby Company engineering

A/E INFO:

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE 10/12/15

DES GJN | DRW ERB | CHK DMD

PM/DM IAN BODWELL

BRANCH MANAGER NATHAN MAHER

FEAD/PM&E AMIN BAHROUR PM&E

FIRE PROTECTION X

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
PUBLIC WORKS DEPARTMENT – MAINE
PORTSMOUTH NAVAL SHIPYARD

NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
NAVAL SHIPYARD – PORTSMOUTH, NH
KITTERY, ME

DD#2 PROPULSOR ENCLOSURE

AFT AREA PLAN – LEVEL 2 (MIDDLE)

EPROJECT NO.: 1364311

CONSTR. CONTR. NO. XXXXXX-XXX-XXXX

NAVFAC DRAWING NO. XXXXXXXX

SHEET 17 OF 93

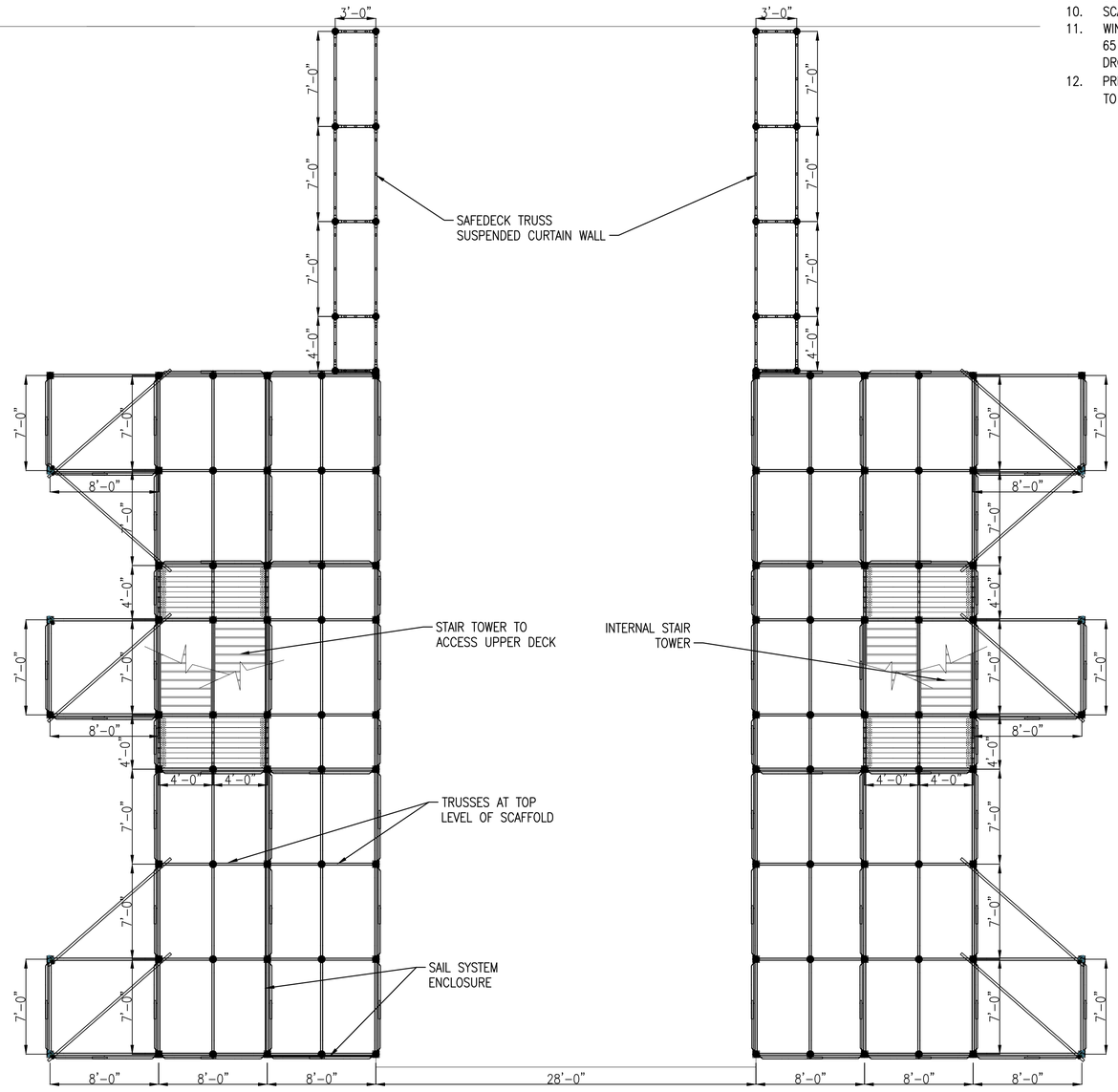
A-122 | DD 2-XX-XXXX

DRAWFORM REVISION: 10 OCTOBER 2014

FILE NAME: X:\297 Portsmouth Naval Shipyard\297.004.001 – DD#2 Propulsor Enclosure\Drawings\Sheets\A-122.dwg LAYOUT NAME: A-122 PLOTTED: Monday, October 12, 2015 – 11:59am USER: Greg Norton

NOTES

1. SCAFFOLD IS DESIGNED USING EXCEL MODULAR SYSTEM SCAFFOLD.
2. DESIGN OF SCAFFOLDING SYSTEM SHALL BE BY EXCEL MODULAR SYSTEM SCAFFOLD. PROVIDE DETAILED SHOP DRAWINGS AND STRUCTURAL CALCULATIONS FOR REVIEW AND APPROVAL. SHOP DRAWINGS AND CALCULATIONS SHALL BE STAMPED BE A LICENSED PROFESSIONAL ENGINEER
3. SCAFFOLD DECKING TO HAVE LIVE LOAD OF 25 PSF. ONLY THE UPPER LEVEL ROOF ACCESS DECKS ARE REQUIRED BE FULLY DECKED.
4. COORDINATE DESIGN OF SCAFFOLDING WITH DESIGN OF ROLLING ROOF SYSTEM.
5. SCAFFOLDING SHALL BE DESIGN TO SUPPORT ALL STATIC AND DYNAMIC LOADS IMPARTED BY THE ROLLING ROOF SYSTEM
6. ACCESS TO DECKS TO BE BY WAY OF STAIR TOWER AS SHOWN ON THE DRAWINGS.
7. TUBE AND CLAMP MAY BE USED TO REPLACE ANY BRACING WHEN REQUIRED.
8. SCAFFOLD IS TO BE ENCLOSED USING SAIL SYSTEM ENCLOSURES.
9. SCAFFOLD TO BE BUILT IN ACCORDANCE WITH ALL OSHA REQUIREMENTS.
10. SCAFFOLD HAS BEEN DESIGNED TO BE ENCLOSED AND IS BASED OFF OF A MAXIMUM
11. WIND GUST FOR 3 SECOND GUST AT 100 MPH. WHEN SUSTAINED WIND SPEED REACHES 65 MPH THE SAIL ENCLOSURE SHALL BE DROPPED TO ALLOW WIND PASSAGE THROUGH THE SCAFFOLD.
12. PRIOR TO FINAL DRAWINGS BEING PROVIDED A SITE MEETING SHALL BE HELD WITH NAVFAC/PWD TO GO OVER SITE CONDITIONS AND EQUIPMENT.



AFT AREA PLAN - LEVEL 3 (UPPER)

SCALE:3/16"=1'-0"

PLAN NORTH

0 4' 8' 12'
Scale: 3/16" = 1'-0"

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR CONSTRUCTION	10/12/2015	CBC

NAVFAC

REGISTERED ARCHITECT
DONALD M. DYER
No. 859
STATE OF MAINE

Colby Company engineering
A/E INFO

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE 10/12/15

DES	GJN	DRW	ERB	CHK	DMD

PM/DM IAN BODWELL
BRANCH MANAGER NATHAN MAHER
FEAD/PM&E AMIN BAHROUR PM&E
FIRE PROTECTION X

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
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AFT AREA PLAN – LEVEL 3 (UPPER)

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SHEET 18 OF 93

A-123 | DD 2-XX-XXXX

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