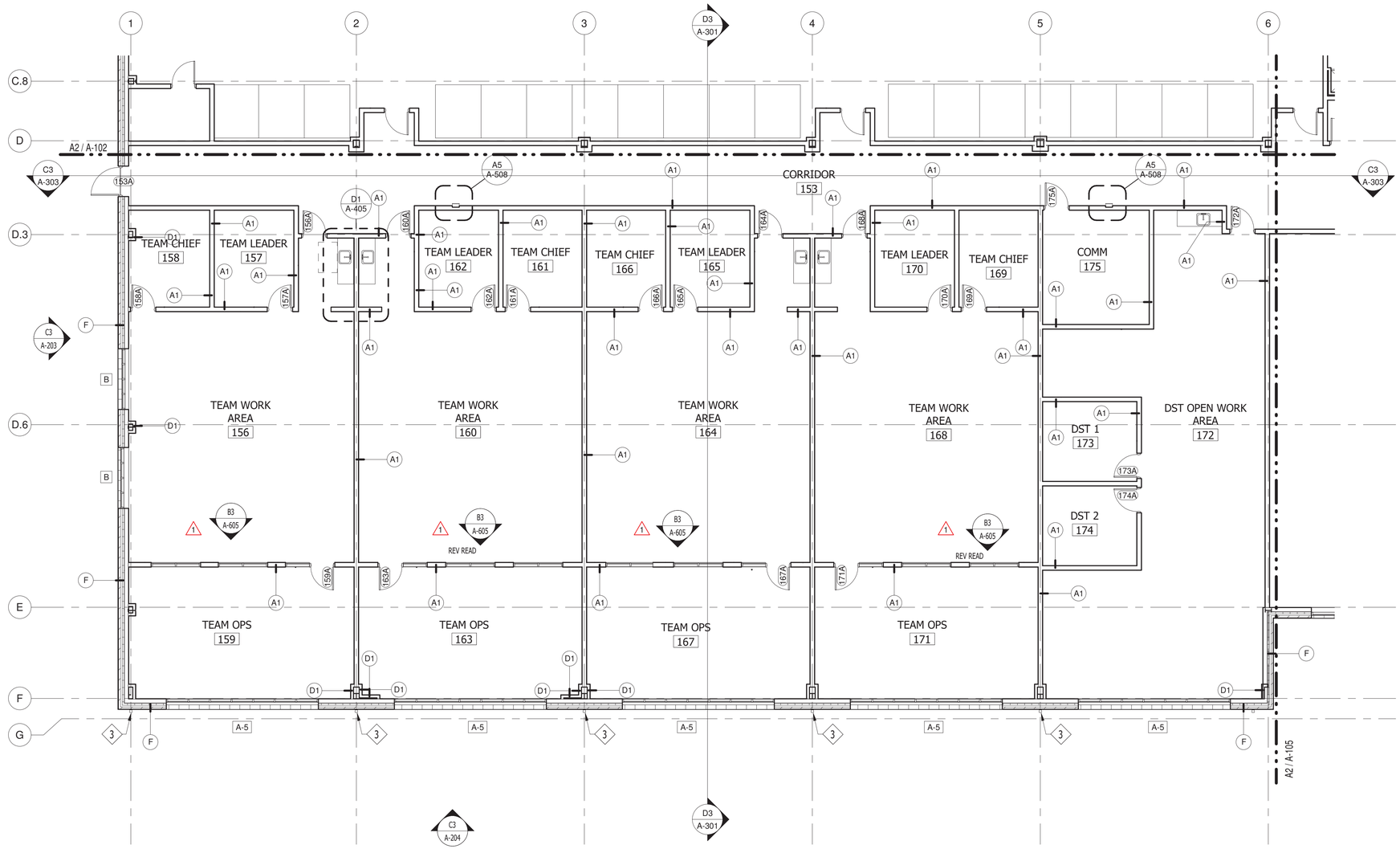


A2 FLOOR PLAN - AREA B

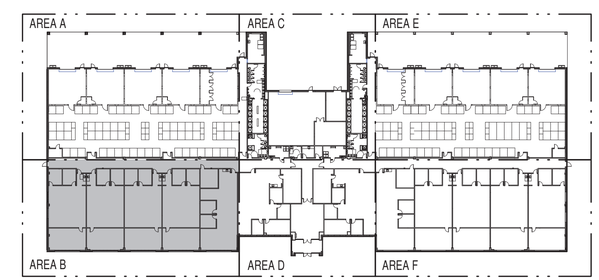
SCALE: 1/8" = 1'-0"

GENERAL CONSTRUCTION NOTES

1. REFERENCE SHEET A-001 FOR SYMBOL LEGEND
2. REFERENCE SHEET A-501 FOR WALL TYPES
3. REFERENCE SHEET A-601 FOR DOOR AND FRAME SCHEDULE
4. REFERENCE SHEET A-605 FOR WINDOW SCHEDULE
5. REFERENCE INTERIOR DESIGN DRAWINGS FOR FINISH SCHEDULE
6. REFERENCE INTERIORS DRAWINGS FOR CASEWORK DIMENSIONS AND DETAILS
7. REFERENCE THE LIFE SAFETY DRAWINGS FOR LOCATIONS OF RATED WALLS AND SMOKE PARTITIONS
8. DIMENSIONS ARE TAKEN FROM FACE OF METAL STUD AND FACE OF CMU
9. DIMENSIONS TO OPENINGS ARE SHOWN TO CENTER OF OPENING AT METAL STUDS AND EXTERIOR OF OPENINGS AT CMU WALLS
10. PROVIDE BACKING AS REQUIRED TO SUPPORT AND MOUNT VARIOUS ALL ATTACHED FIXTURES PER MANUFACTURER'S RECOMMENDATIONS
11. PROVIDE STEEL STUD BACKING FOR ALL TV BRACKETS AS SHOWN ON AUDIO VISUAL DRAWINGS
12. FOR ELECTRICAL BOXES AT STC WALLS, OFFSET ON STUD SPACE AND SEAL OPENINGS THROUGH PARTITIONS
13. PROVIDE FULL HEIGHT STAINLESS STEEL CORNER GUARDS AT EXPOSED CORNERS OF GYPSUM PARTITIONS
14. PROVIDE FIRE RATED PLYWOOD BACKBOARD AT COMM ROOMS
15. FOR LOUVERS, WINDOWS AND STOREFRONT TYPES SEE SHEET A-60X
16. PROVIDE HEAVY DUTY IMPACT RESISTANT GYPSUM BOARD AT THE FOLLOWING ROOMS TO 12'-0" MINIMUM: TEAM STAGING/STORAGE, COMPANY STORAGE, INDIVIDUAL ISSUE CAGE STORAGE, LAUNDRY, ELECTRICAL CLOSET, ENTRY VESTIBULE, LOBBY, AND CORRIDOR

CONSTRUCTION KEYNOTES

1. LOW PROFILE RAISED ACCESS FLOORING SYSTEM
2. 6'-0" x 10'-0" RECESSED PAN FLOOR MAT
3. 3-3/4" x 5-1/4" DOWNSPOUT TO STORM DRAIN



KEY PLAN

SCALE 1" = 60'

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

8' 0 4' 8' 16'

GRAPHIC SCALE: 1"=60'

60' 0 60' 120'

SYM	REVISIONS	DESCRIPTION	DATE	APPR
1			2026.06.04	

NAVFAC

DARDEN J. EURE, III REGISTERED ARCHITECT 8840 NORTH CAROLINA NEW BERN NC

08 MAY 2026 SEAL

mbf architects pa

317-C Pollock Street | New Bern, NC 28560
252.637.6373 | mbfarchitects.com

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 6/10/2026

ACTIVITY

SATISFACTORY TO

DES	REL	DRW	ESS	CHK	DJE,III
PM/DM					SGL/MDM
BRANCH MANAGER					DJD
CHIEF ENG/ARCH					JWJ
FIRE PROTECTION					HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA.
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

FLOOR PLAN - AREA B

SCALE: AS INDICATED

EPROJECT NO.: 1701820

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12903479

SHEET 28 OF 283

A2 CO BLDG

A-103

MBF ARCHITECTS P.A. REGISTERED ARCHITECTURAL CORPORATION CERT. NO. 50679 NORTH CAROLINA NEW BERN NC

FINAL SUBMITTAL

DRAWFORM REVISION: 25 AUGUST 2020

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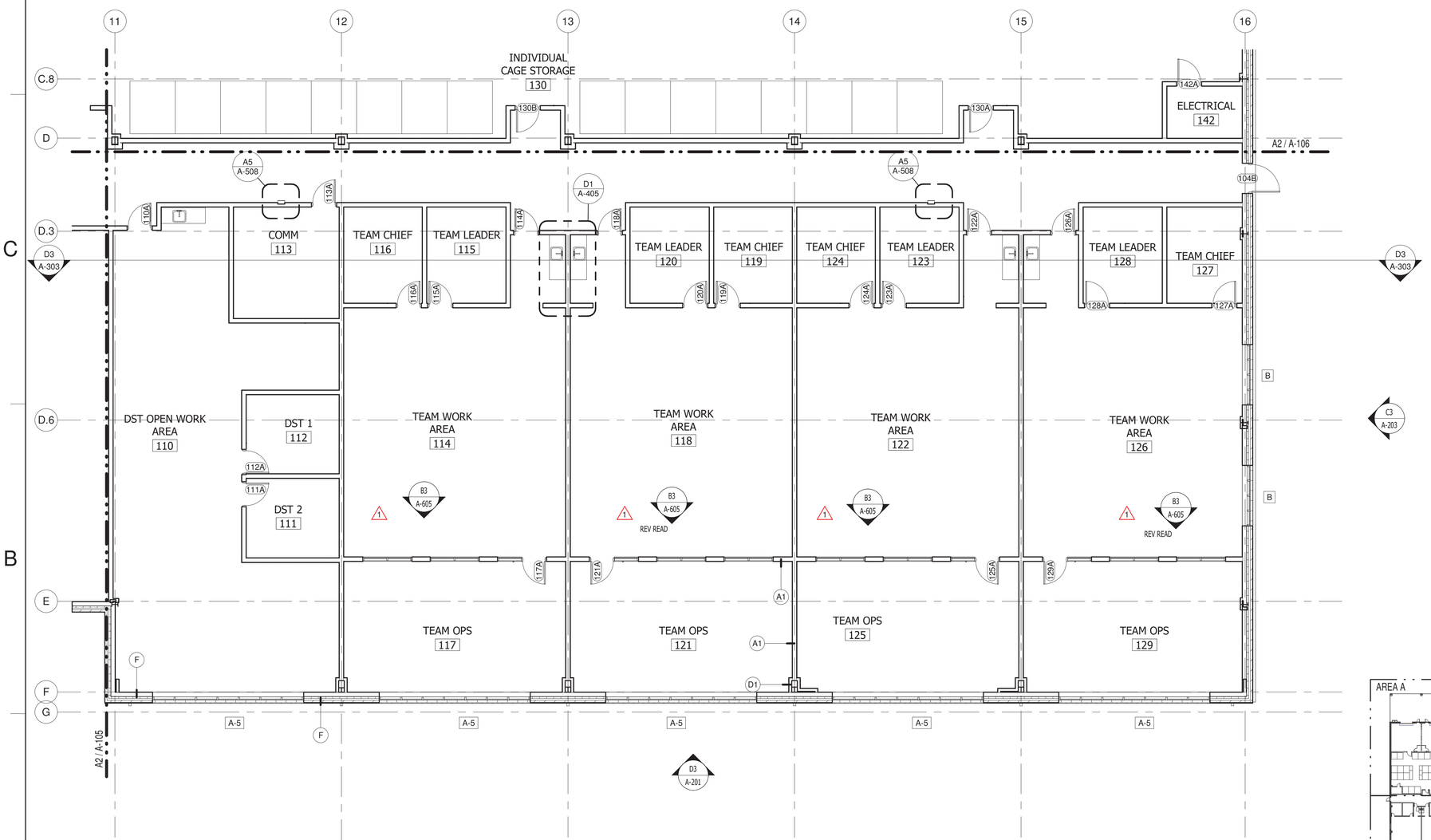

A2 FLOOR PLAN - AREA F

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

GENERAL CONSTRUCTION NOTES

1. REFERENCE SHEET A-001 FOR SYMBOL LEGEND
2. REFERENCE SHEET A-501 FOR WALL TYPES
3. REFERENCE SHEET A-601 FOR DOOR AND FRAME SCHEDULE
4. REFERENCE SHEET A-605 FOR WINDOW SCHEDULE
5. REFERENCE INTERIOR DESIGN DRAWINGS FOR FINISH SCHEDULE
6. REFERENCE INTERIORS DRAWINGS FOR CASEWORK DIMENSIONS AND DETAILS
7. REFERENCE THE LIFE SAFETY DRAWINGS FOR LOCATIONS OF RATED WALLS AND SMOKE PARTITIONS
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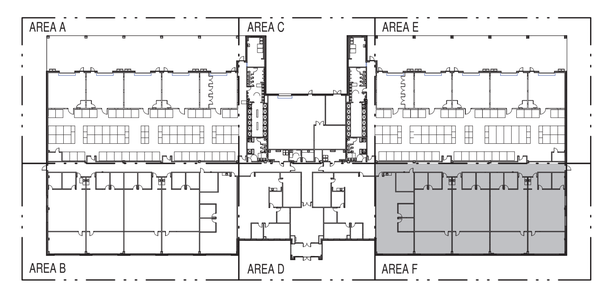
9. DIMENSIONS TO OPENINGS ARE SHOWN TO CENTER OF OPENING AT METAL STUDS AND EXTERIOR OF OPENINGS AT CMU WALLS
10. PROVIDE BACKING AS REQUIRED TO SUPPORT AND MOUNT VARIOUS ALL ATTACHED FIXTURES PER MANUFACTURER'S RECOMMENDATIONS
11. PROVIDE STEEL STUD BACKING FOR ALL TV BRACKETS AS SHOWN ON AUDIO VISUAL DRAWINGS
12. FOR ELECTRICAL BOXES AT STC WALLS, OFFSET ON STUD SPACE AND SEAL OPENINGS THROUGH PARTITIONS
13. PROVIDE FULL HEIGHT STAINLESS STEEL CORNER GUARDS AT EXPOSED CORNERS OF GYPSUM PARTITIONS
14. PROVIDE FIRE RATED PLYWOOD BACKBOARD AT COMM ROOMS
15. FOR LOUVERS, WINDOWS AND STOREFRONT TYPES SEE SHEET A-60X
16. PROVIDE HEAVY DUTY IMPACT RESISTANT GYPSUM BOARD AT THE FOLLOWING ROOMS TO 12'-0" MINIMUM: TEAM STAGING/STORAGE, COMPANY STORAGE, INDIVIDUAL ISSUE CAGE STORAGE, LAUNDRY, ELECTRICAL CLOSET, ENTRY VESTIBULE, LOBBY, AND CORRIDOR

CONSTRUCTION KEYNOTES

1. LOW PROFILE RAISED ACCESS FLOORING SYSTEM
2. 6'-0" x 10'-0" RECESSED PAN FLOOR MAT
3. 3-3/4" x 5-1/4" DOWNSPOUT TO STORM DRAIN



KEY PLAN

SCALE 1" = 60'

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

8' 0 4' 8' 16'

GRAPHIC SCALE: 1"=60'

60' 0 60' 120'

SYM	REVISIONS DESCRIPTION	DATE	APPR
1		2026.06.04	

NAVFAC

DARDEN J. EURE, III REGISTERED ARCHITECT 8840 NORTH CAROLINA NEW BERN NC

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A/E INFO

APPROVED

FOR COMMANDER NAVFAC 6/10/2026

ACTIVITY

SATISFACTORY TO

DES	REL	DRW	ESS	CHK	DJE,III

PM/DM	SGL/MDM
BRANCH MANAGER	DJD
CHIEF ENG/ARCH	JWJ
FIRE PROTECTION	HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
MARINE CORPS BASE
NAVAL STATION - NORFOLK, VA.
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

FLOOR PLAN - AREA F

SCALE:	AS INDICATED
EPROJECT NO.:	1701820
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12903483
SHEET	32 OF 283

A2
CO BLDG

A-107

MBF ARCHITECTS P.A. REGISTERED ARCHITECTURAL CORPORATION CERT. NO. 50679 NORTH CAROLINA NEW BERN NC

FINAL SUBMITTAL

DRAWFORM REVISION: 25 AUGUST 2020

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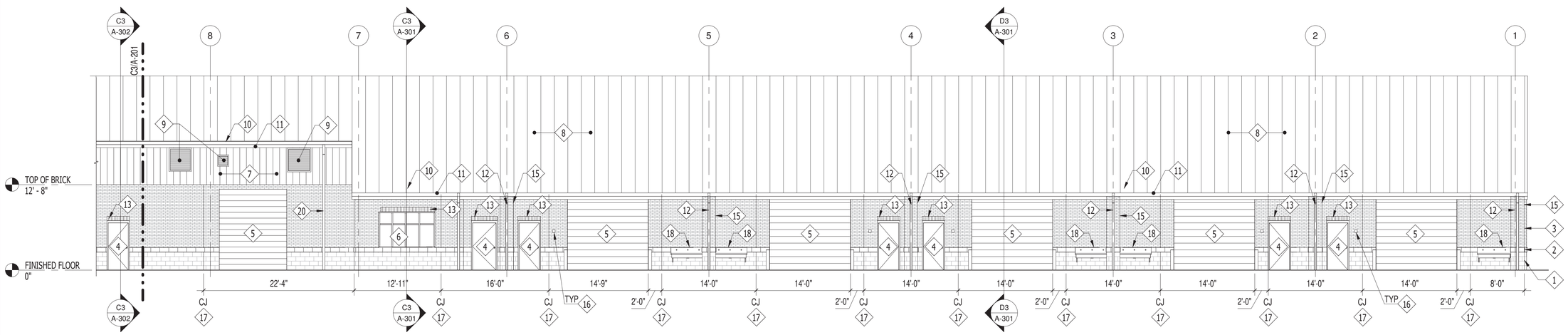
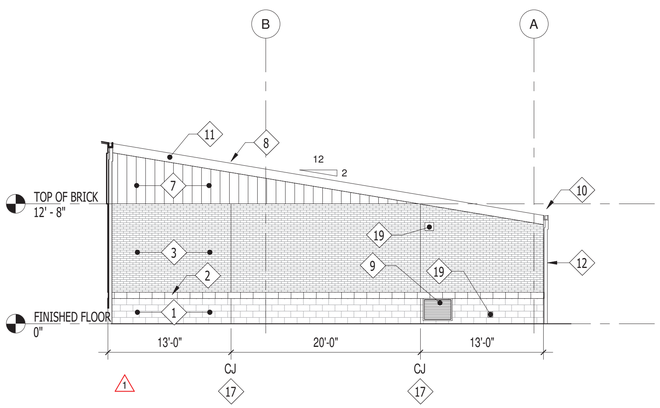


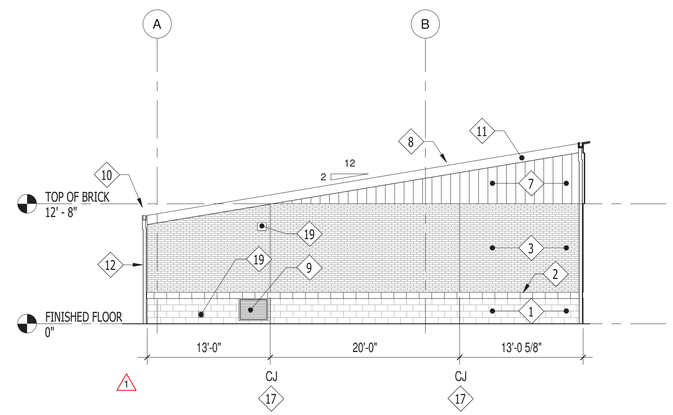
D3 PARTIAL SOUTH ELEVATION

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



B1 PARTIAL EXTERIOR ELEVATION

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



B3 PARTIAL EXTERIOR ELEVATION

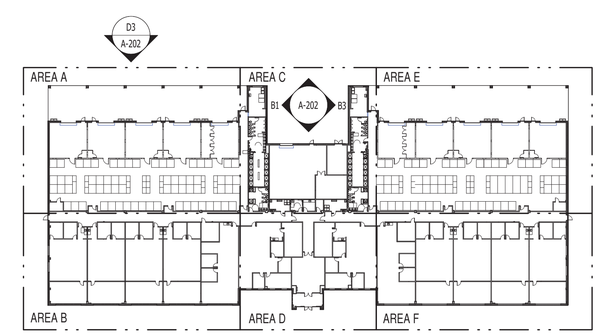
SCALE: 1/8" = 1'-0"

GENERAL CONSTRUCTION NOTES

1. REFERENCE SHEET A-001 FOR SYMBOL LEGEND
2. REFERENCE SHEET A-606 FOR EXTERIOR FINISHES SCHEDULE

CONSTRUCTION KEYNOTES

1. WATERTABLE; SPLIT FACE CMU VENEER
2. SPLIT FACE CMU VENEER ACCENT BAND
3. BRICK VENEER
4. DOOR
5. OVERHEAD ROLL UP DOOR, COORDINATE HARDWARE WITH SECURITY SYSTEMS
6. WINDOW
7. VERTICAL METAL PANEL
8. STANDING SEAM METAL ROOF
9. LOUVER. SEE MECHANICAL
10. 8"x8" GUTTER
11. FASCIA
12. 3 3/4" x 5 1/4" DOWNSPOUT TO STORM DRAIN
13. BRICK VENEER SOLDIER COURSE HEADER
14. MECHANICAL INTAKE/EXHAUST
15. COLUMN
16. EXTERIOR LIGHT FIXTURE. SEE ELECTRICAL
17. BRICK/CMU CONTROL JOINTS
18. GEAR WASH SINK
19. WALL CAP FOR DRYERS. SEE MECHANICAL 1
20. 3 3/4" x 5 1/4" DOWNSPOUT TO STORM DRAIN



A5 KEY PLAN

SCALE: 1" = 60'-0"

GRAPHIC SCALE: 1/8"=1'-0"
8' 0 4' 8' 16'

GRAPHIC SCALE: 1"=60'
60' 0 60' 120'

MBF ARCHITECTS P.A. REGISTERED ARCHITECTURAL CORPORATION CERT. NO. 50679 NORTH CAROLINA NEW BERN, NC

SYM	1 REVISIONS	DESCRIPTION	DATE	APPR
			2026.06.04	

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A/E INFO

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FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO
DES REL DRW ESS CHK DJE,III
PM/DM SGL/MDM
BRANCH MANAGER DJD
CHIEF ENG/ARCH JWJ
FIRE PROTECTION HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

EXTERIOR ELEVATIONS

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

NAVFAC DRAWING NO.
12903500
SHEET 49 OF 283

A2
CO BLDG

A-202

FINAL SUBMITTAL

DRAWFORM REVISION: 25 AUGUST 2020

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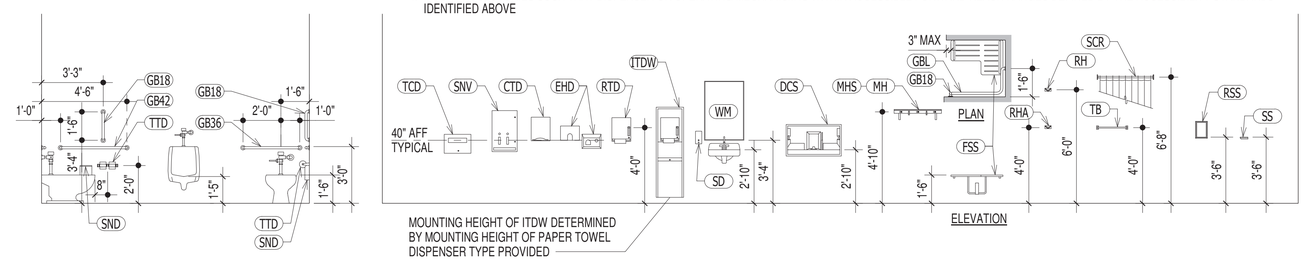
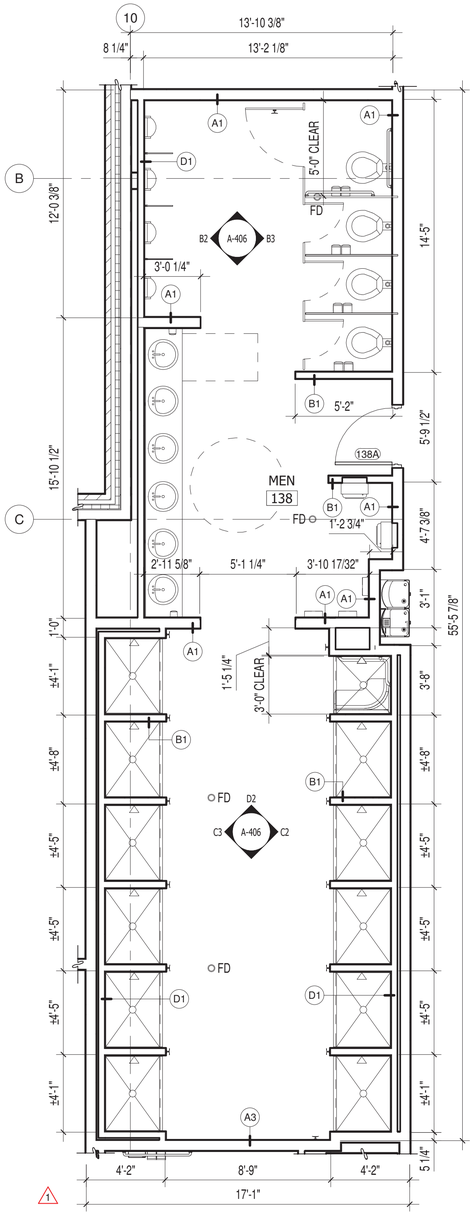
TOILET ACCESSORIES LEGEND

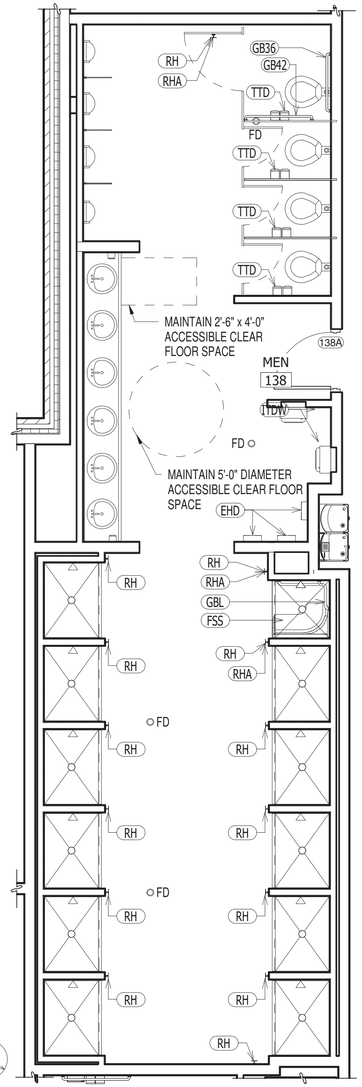
NOTES:
1. CLEARANCES AND HEIGHTS OF FIXTURES AND ACCESSORIES MUST BE IN COMPLIANCE WITH THE ARCHITECTURAL BARRIERS ACT (ABA) ACCESSIBILITY STANDARDS FOR DEPARTMENT OF DEFENSE FACILITIES AS ADOPTED BY DOD POLICY MEMORANDUM
2. ACCESSORIES SPECIFIED APPEAR ON DESIGNATED PLANS, HOWEVER NOT ALL ACCESSORIES SHOWN HERE MAY BE SPECIFIED. COORDINATE WITH PLAN DESIGNATIONS
3. REFERENCE THE SPECIFICATIONS FOR DETAILED PRODUCT INFORMATION INCLUDING ACCEPTABLE MANUFACTURERS, FINISHES, ETC.
4. MOUNT ACCESSORIES SUCH THAT DISPENSER OR OPERATING MECHANISM IS WITHIN ACCESSIBLE FORWARD REACH RANGES DEFINED BY THE ACCESSIBILITY STANDARDS IDENTIFIED ABOVE



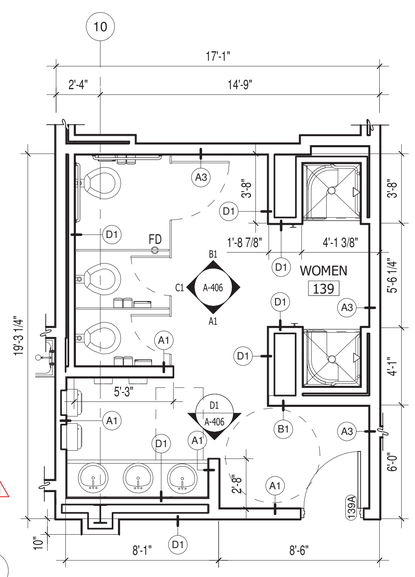
MARK	DESCRIPTION	MARK	DESCRIPTION	MARK	DESCRIPTION	MARK	DESCRIPTION
TTD	TOILET TISSUE DISPENSER	TCD	TOILET SEAT COVER DISPENSER	SD	SOAP DISPENSER - WALL MOUNTED	MHS	SHELF / MOP AND BROOM HOLDER
GB42	GRAB BAR: 42"	FSS	FOLDING SHOWER SEAT	SDC	SOAP DISPENSER - COUNTERTOP MOUNTED	MH	MOP HOOK
GB36	GRAB BAR: 36"	PTD	PAPER TOWEL DISPENSER	WM	WALL MIRROR: 18" x 36"	TB	TOWEL BAR: 18"
GB18	GRAB BAR: 18"	ITDW	INTEGRAL TOWEL DISPENSER & WASTE RECEPTACLE	WM1	WALL MIRROR (CUSTOM): SEE ELEVATION	SCR	SHOWER CURTAIN ROD
GBL	GRAB BAR: L-SHAPED 24" x 18"	CTD	PAPER TOWEL DISPENSER: "C" FOLD TYPE	RSS	RECESSED SOLID SURFACE SHOWER SHELF	RH	ROBE HOOK
SND	SANITARY NAPKIN DISPOSAL	RTD	PAPER TOWEL DISPENSER: ROLL TYPE	SS	SOLID SURFACE SHOWER SHELF	RHA	ROBE HOOK - ACCESSIBLE MOUNTING HEIGHT
SNV	SANITARY NAPKIN VENDOR	EHD	ELECTRIC HAND DRYER	DCS	DIAPER CHANGING STATION		



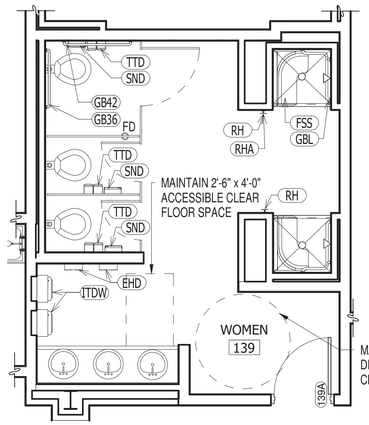
A1 MEN 138 DIMENSION PLAN
SCALE: 1/4" = 1'-0"



A2 MEN 138 ACCESSORY PLAN
SCALE: 1/4" = 1'-0"



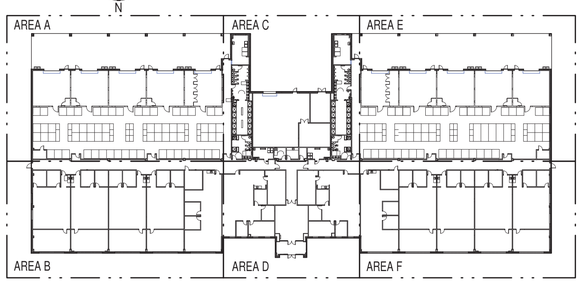
A3 WOMEN 139 DIMENSION PLAN
SCALE: 1/4" = 1'-0"



B4 WOMEN 139 ACCESSORY PLAN
SCALE: 1/4" = 1'-0"

GENERAL CONSTRUCTION NOTES

1. FOR SYMBOL LEGEND, SEE SHEET A-001
2. PROVIDE COAT HOOKS ON THE BACK OF ALL TOILET PARTITION DOOR
3. SEE FINISH SCHEDULE ON SHEETS I-601 AND I-602
4. PROVIDE CEMENTITIOUS BOARD AT ALL SHOWER STALLS. PROVIDE GLASS MATT WATER RESISTIVE BACKING BOARD AS SUBSTRATE TO WALL TILE. PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT THE FOLLOWING WALL AND CEILINGS THAT DO NOT RECEIVE TILE: MEN'S TOILET, WOMEN'S TOILET UNISEX TOILET, CO TOILET.
5. PROVIDE SINGLE BASE COURSE FULLY GROUTED 6" CMU AT ALL WALLS WITHIN DEPRESSED SLAB AREAS - SEE STRUCTURAL FOUNDATION PLAN FOR LOCATIONS AND DEPTH OF DEPRESSED SLABS.
6. PROVIDE BACKING AS REQUIRED TO SUPPORT AND MOUNT VARIOUS WALL ATTACHED FIXTURES/ACCESSORIES PER MANUFACTURER'S RECOMMENDATIONS
7. REFER TO XX/A-XXX FOR CERAMIC TILE OVER CONCRETE SLAB JOINTS
8. SEE SHEET A-401 FOR TOILET ACCESSORIES SCHEDULE



KEY PLAN
SCALE 1" = 60'

GRAPHIC SCALE: 1/8"=1'-0"
GRAPHIC SCALE: 1"=60'

MBF ARCHITECTS, P.A. REGISTERED ARCHITECTURAL CORPORATION CERT. NO. 50679 NORTH CAROLINA NEW BERN N.C.

SYM	1 REVISIONS	DESCRIPTION	2026.06.04 DATE	APPR

NAVFAC

DARDEN J. EURE III REGISTERED ARCHITECT 8840 NORTH CAROLINA NEW BERN NC
08 MAY 2026 SEAL

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FIRE PROTECTION					HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

ENLARGED PLANS

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12903510
SHEET 59 OF 283

A2
CO BLDG

A-401

FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020

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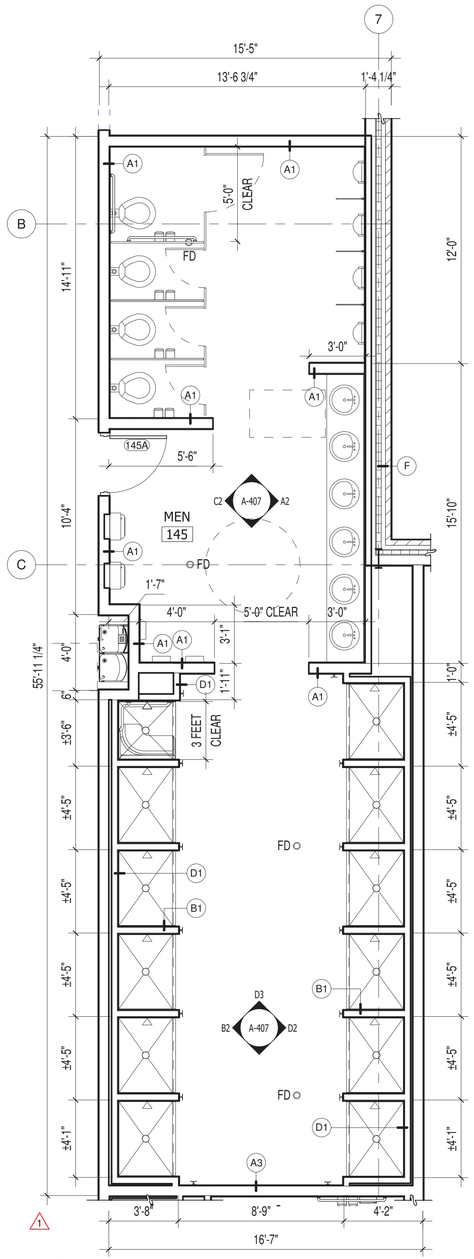
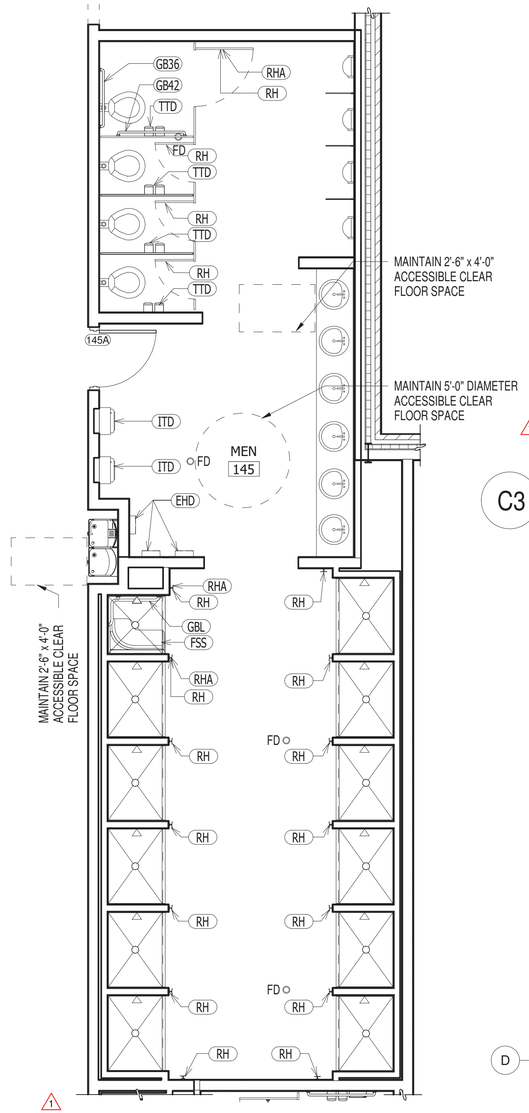
GENERAL CONSTRUCTION NOTES

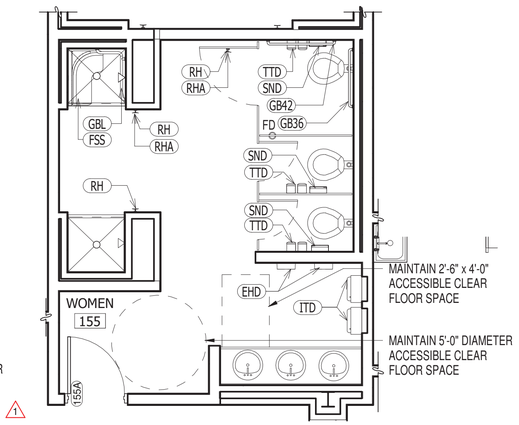
1. FOR SYMBOL LEGEND, SEE SHEET A-001
2. PROVIDE COAT HOOKS ON THE BACK OF ALL TOILET PARTITION DOOR
3. SEE FINISH SCHEDULE ON SHEETS I-601 AND I-602
4. PROVIDE CEMENTITIOUS BOARD AT ALL SHOWER STALLS. PROVIDE GLASS MATT WATER RESISTIVE BACKING BOARD AS SUBSTRATE TO WALL TILE. PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT THE FOLLOWING WALL AND CEILINGS THAT DO NOT RECEIVE TILE: MEN'S TOILET, WOMEN'S TOILET UNISEX TOILET, CO TOILET.
5. PROVIDE SINGLE BASE COURSE FULLY GROUTED 6" CMU AT ALL WALLS WITHIN DEPRESSED SLAB AREAS - SEE STRUCTURAL FOUNDATION PLAN FOR LOCATIONS AND DEPTH OF DEPRESSED SLABS.
6. PROVIDE BACKING AS REQUIRED TO SUPPORT AND MOUNT VARIOUS WALL ATTACHED FIXTURES/ACCESSORIES PER MANUFACTURER'S RECOMMENDATIONS
7. REFER TO XX/A-XXX FOR CERAMIC TILE OVER CONCRETE SLAB JOINTS
8. SEE SHEET A-401 FOR TOILET ACCESSORIES SCHEDULE



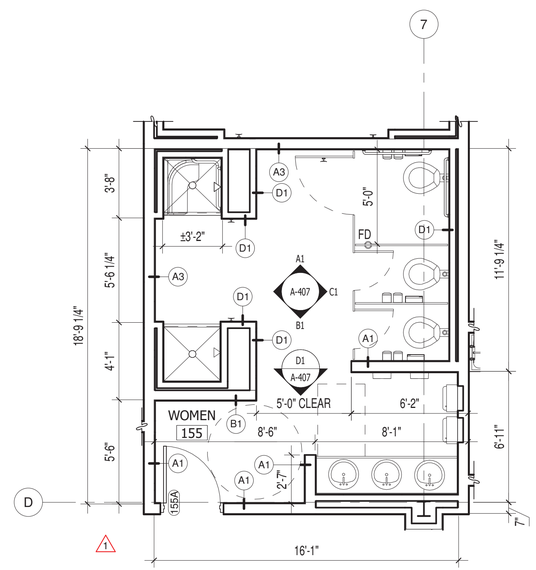
A2 MEN 145 DIMENSION PLAN
SCALE: 1/4" = 1'-0"



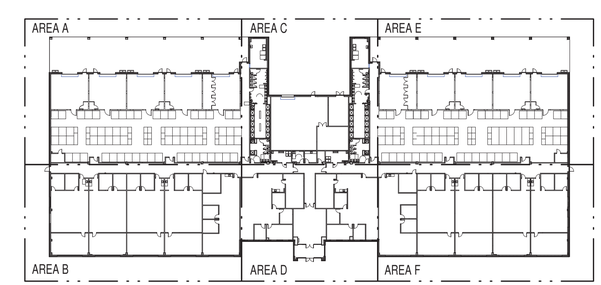
3 MEN 145 ACCESSORY PLAN
SCALE: 1/4" = 1'-0"



C3 WOMEN 155 ACCESSORY PLAN
SCALE: 1/4" = 1'-0"



A3 WOMEN 155 DIMENSION PLAN
SCALE: 1/4" = 1'-0"



KEY PLAN
SCALE 1" = 60'

GRAPHIC SCALE: 1/8"=1'-0"
8' 0 4' 8' 16'

GRAPHIC SCALE: 1"=60'
60' 0 60' 120'

SYM	REVISIONS	DESCRIPTION	DATE	APPR
1			2026.06.04	

NAVFAC

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mbf architects pa
317-C Pollock Street | New Bern, NC 28560
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A/E INFO

APPROVED
FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO
DES REL DRW ESS CHK DJE,III
PM/DM SGL/MDM
BRANCH MANAGER DJD
CHIEF ENG/ARCH JWJ
FIRE PROTECTION HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA.
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

ENLARGED PLANS

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

MBF ARCHITECTS P.A. REGISTERED ARCHITECTURAL CORPORATION CERT. NO. 50679 NORTH CAROLINA NEW BERN, N.C.

NAVFAC DRAWING NO. 12903511
SHEET 60 OF 283
A2
CO BLDG
A-402

FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020

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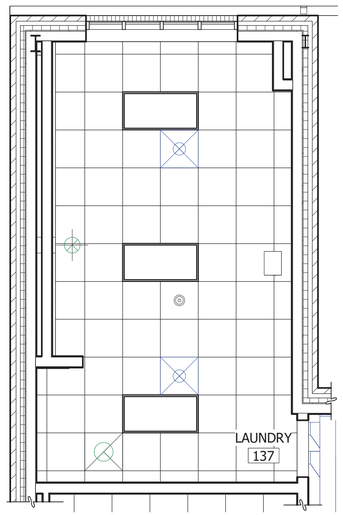
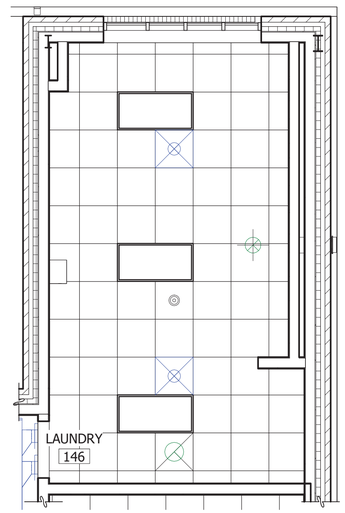


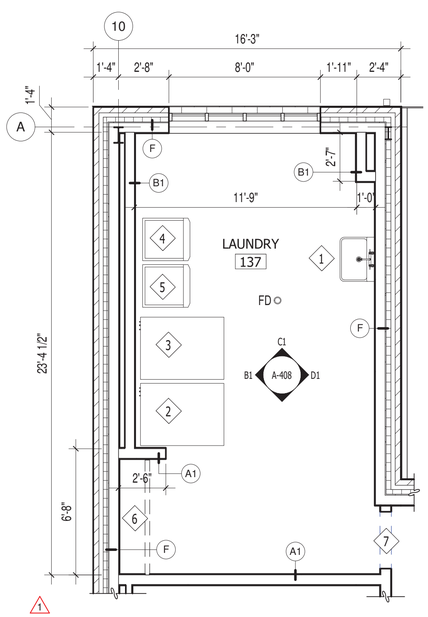
C1 LAUNDRY 137 REFLECTED CEILING PLAN

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



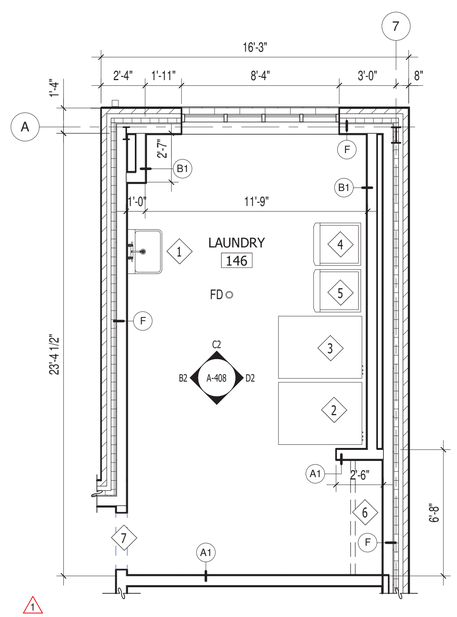
C2 LAUNDRY 146 REFLECTED CEILING PLAN

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



A1 LAUNDRY 137 ENLARGED PLAN

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



A2 LAUNDRY 146 ENLARGED PLAN

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

ENLARGED PLAN KEY NOTES

1. LAUNDRY SINK
2. 65 LB COMMERCIAL DRYER
3. 65 LB COMMERCIAL WASHER
4. COMMERCIAL GRADE DRYER
5. COMMERCIAL GRADE WASHER
6. HANGING ROD AND SHELF
7. 3'-0" x 7'-0" CASED OPENING

GENERAL CONSTRUCTION NOTES

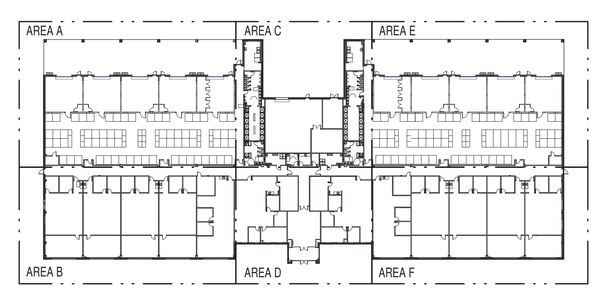
1. FOR SYMBOL LEGEND, SEE SHEET A-001
2. PROVIDE COAT HOOKS ON THE BACK OF ALL TOILET PARTITION DOOR
3. SEE FINISH SCHEDULE ON SHEETS I-601 AND I-602
4. PROVIDE CEMENTITIOUS BOARD AT ALL SHOWER STALLS. PROVIDE GLASS MATT WATER RESISTIVE BACKING BOARD AS SUBSTRATE TO WALL TILE. PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT THE FOLLOWING WALL AND CEILINGS THAT DO NOT RECEIVE TILE: MEN'S TOILET, WOMEN'S TOILET UNISEX TOILET, CO TOILET.
5. PROVIDE SINGLE BASE COURSE FULLY GROUTED 6" CMU AT ALL WALLS WITHIN DEPRESSED SLAB AREAS - SEE STRUCTURAL FOUNDATION PLAN FOR LOCATIONS AND DEPTH OF DEPRESSED SLABS.
6. PROVIDE BACKING AS REQUIRED TO SUPPORT AND MOUNT VARIOUS WALL ATTACHED FIXTURES/ACCESSORIES PER MANUFACTURER'S RECOMMENDATIONS
7. REFER TO XX/A-XXX FOR CERAMIC TILE OVER CONCRETE SLAB JOINTS
8. SEE SHEET A-401 FOR TOILET ACCESSORIES SCHEDULE

REFLECTED CEILING PLAN KEYNOTES

1. ACOUSTIC CEILING TILE GRID AT 9'-0" A.F.F.
2. OPEN TO STRUCTURE
3. MAINTAIN 8'-0" MINIMUM CLEAR TO UNDERSIDE OF ALL SUSPENDED FIXTURES AND EQUIPMENT

REFLECTED CEILING PLAN LEGEND

- GYPSUM BOARD CEILING
- 2' x 2' ACOUSTICAL CEILING TILE
- RECESSED 2' x 4' LIGHT FIXTURE
- RECESSED 1' x 4' LIGHT FIXTURE
- 4' STRIP LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- RECESSED CAN LIGHT
- SURFACE MOUNTED 1' x 4' LIGHT FIXTURE
- MECHANICAL SUPPLY REGISTER
- MECHANICAL RETURN REGISTER
- MECHANICAL EXHAUST REGISTER
- 2' x 2' CEILING ACCESS PANEL
- ILLUMINATED EXIT SIGN
- CEILING MOUNTED COMBINATION SPEAKER/CABLE STROBE
- AREA SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR
- CEILING MOUNTED OCCUPANCY SENSOR
- CEILING MOUNTED EMERGENCY LIGHT FIXTURE



KEY PLAN

SCALE 1" = 60'

N

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

8' 0 4' 8' 16'

GRAPHIC SCALE: 1"=60'

60' 0 60' 120'

MBF ARCHITECTS P.A. REGISTERED ARCHITECTURAL CORPORATION CERT. NO. 50679 NORTH CAROLINA NEW BERN N.C.

SYM	1 REVISIONS	DESCRIPTION	2026.06.04 DATE	APPR

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DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
MIDLANT DC CORE
MARINE CORPS BASE

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER
BATTALION / COMPANY / TEAM FACILITIES

ENLARGED PLANS

SCALE:	AS INDICATED
EPROJECT NO.:	1701820
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12903513
SHEET	62 OF 283

A2
CO BLDG

A-404

FINAL SUBMITTAL

DRAWFORM REVISION: 25 AUGUST 2020

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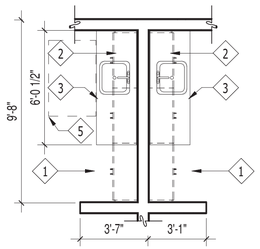
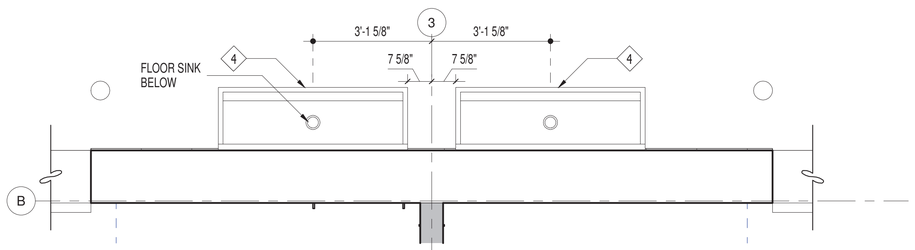


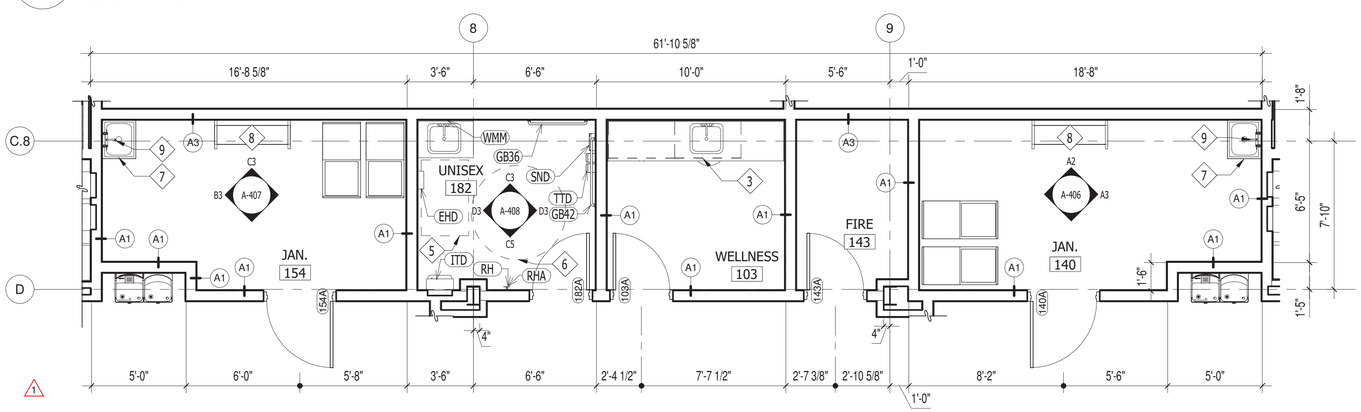
D1 TYPICAL KITCHENETTE PLAN

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



C1 TYPICAL GEAR WASH PLAN

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



B1 AREA C ENLARGED PLAN

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

A1 AREA C ENLARGED PLAN

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

ENLARGED PLAN KEY NOTES

1. FULL SIZE REFRIGERATOR WITH ICE MAKER - FF&E
2. WALL CABINETS - REFERENCE INTERIOR DESIGN DRAWINGS
3. BASE CABINETS - REFERENCE INTERIOR DESIGN DRAWINGS
4. GEAR WASH SINK
5. MAINTAIN 2'-6" x 4'-0" ACCESSIBLE CLEAR FLOOR SPACE
6. MAINTAIN 5'-0" DIAMETER ACCESSIBLE CLEAR FLOOR SPACE
7. 2"-8" x 2'-8" TERRAZZO FLOOR MOUNTED MOP SINK
8. 4'-0" x 1'-0" SHELVING UNIT WITH 5 SHELVES
9. FAUCET SET WITH INTEGRAL STOPS, PAIL HOOK, VACUUM BREAKER SPOUT AND 3/4" THREADED HOSE SPOUT OUTLET
10. 1'-4" x 1'-4" FRESH AIR INTAKE LOUVRE FOR ELECTRIC WATER COOLER CHILLER, MOUNTED 12" ABOVE FINISHED FLOOR
11. FOR SYMBOL LEGEND, SEE SHEET G-003

REFLECTED CEILING PLAN KEYNOTES

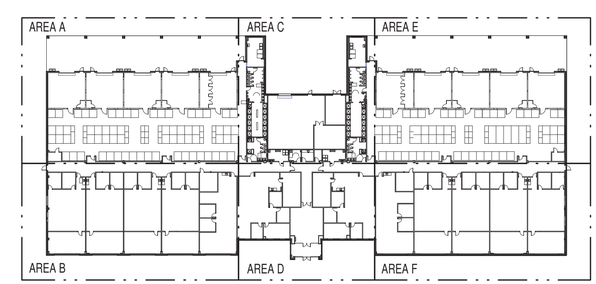
1. ACOUSTIC CEILING TILE GRID AT 9'-0" A.F.F.
2. OPEN TO STRUCTURE
3. MAINTAIN 8'-0" MINIMUM CLEAR TO UNDERSIDE OF ALL SUSPENDED FIXTURES AND EQUIPMENT

GENERAL CONSTRUCTION NOTES

1. FOR SYMBOL LEGEND, SEE SHEET A-001
2. PROVIDE COAT HOOKS ON THE BACK OF ALL TOILET PARTITION DOOR
3. SEE FINISH SCHEDULE ON SHEETS I-601 AND I-602
4. PROVIDE CEMENTITIOUS BOARD AT ALL SHOWER STALLS. PROVIDE GLASS MATT WATER RESISTIVE BACKING BOARD AS SUBSTRATE TO WALL TILE. PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT THE FOLLOWING WALL AND CEILINGS THAT DO NOT RECEIVE TILE: MEN'S TOILET, WOMEN'S TOILET UNISEX TOILET, CO TOILET.
5. PROVIDE SINGLE BASE COURSE FULLY GROUTED 6" CMU AT ALL WALLS WITHIN DEPRESSED SLAB AREAS - SEE STRUCTURAL FOUNDATION PLAN FOR LOCATIONS AND DEPTH OF DEPRESSED SLABS.
6. PROVIDE BACKING AS REQUIRED TO SUPPORT AND MOUNT VARIOUS WALL ATTACHED FIXTURES/ACCESSORIES PER MANUFACTURER'S RECOMMENDATIONS
7. REFER TO XX/A-XXX FOR CERAMIC TILE OVER CONCRETE SLAB JOINTS
8. SEE SHEET A-401 FOR TOILET ACCESSORIES SCHEDULE

REFLECTED CEILING PLAN LEGEND

- GYPSUM BOARD CEILING
- 2' x 2' ACOUSTICAL CEILING TILE
- RECESSED 2' x 4' LIGHT FIXTURE
- RECESSED 1' x 4' LIGHT FIXTURE
- 4' STRIP LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- RECESSED CAN LIGHT
- SURFACE MOUNTED 1' x 4' LIGHT FIXTURE
- MECHANICAL SUPPLY REGISTER
- MECHANICAL RETURN REGISTER
- MECHANICAL EXHAUST REGISTER
- 2' x 2' CEILING ACCESS PANEL
- ILLUMINATED EXIT SIGN
- CEILING MOUNTED COMBINATION SPEAKER/CABLE STROBE
- AREA SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR
- CEILING MOUNTED OCCUPANCY SENSOR
- CEILING MOUNTED EMERGENCY LIGHT FIXTURE



KEY PLAN

SCALE 1" = 60'

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

GRAPHIC SCALE: 1"=60'

SYM	REVISIONS	DESCRIPTION	DATE	APPR
1			2026.06.04	

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DARDEN J. EURE, III — REGISTERED ARCHITECT — 8840 — NORTH CAROLINA — NEW BERN NC

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DEPARTMENT OF THE NAVY
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NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MIDATLANTIC
MIDLANT DC CORE
NAVAL STATION - NORFOLK, VA
MARINE CORPS BASE
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

ENLARGED PLANS

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

MBF ARCHITECTS P.A. — REGISTERED ARCHITECTURE CORPORATION — CERT. NO. 50679 — NORTH CAROLINA — NEW BERN NC

A2
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NAVFAC DRAWING NO.
12903514
SHEET 63 OF 283
A-405

FINAL SUBMITTAL

DRAWFORM REVISION: 25 AUGUST 2020

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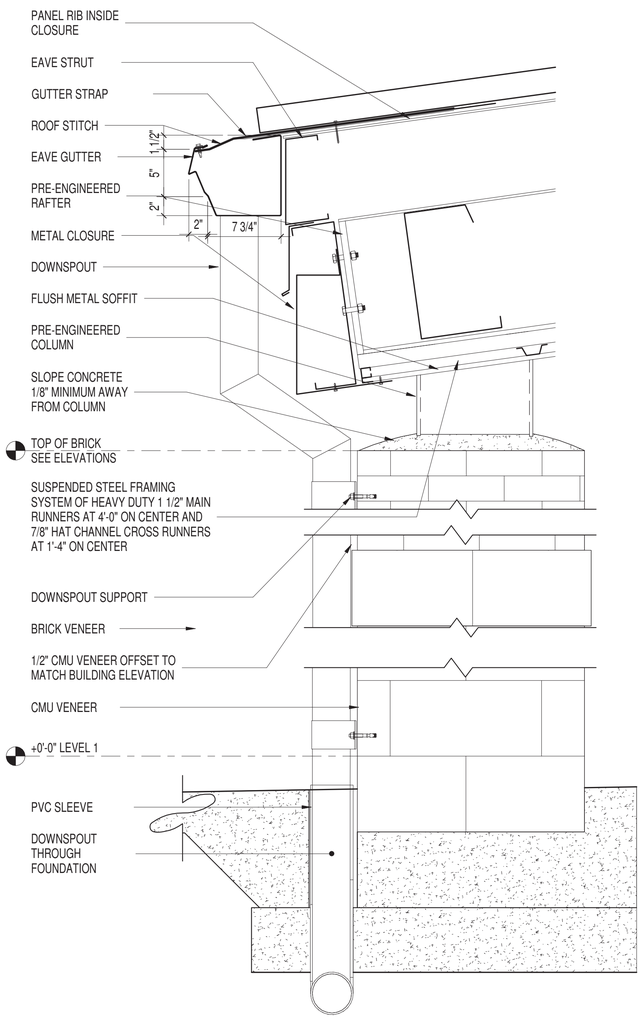
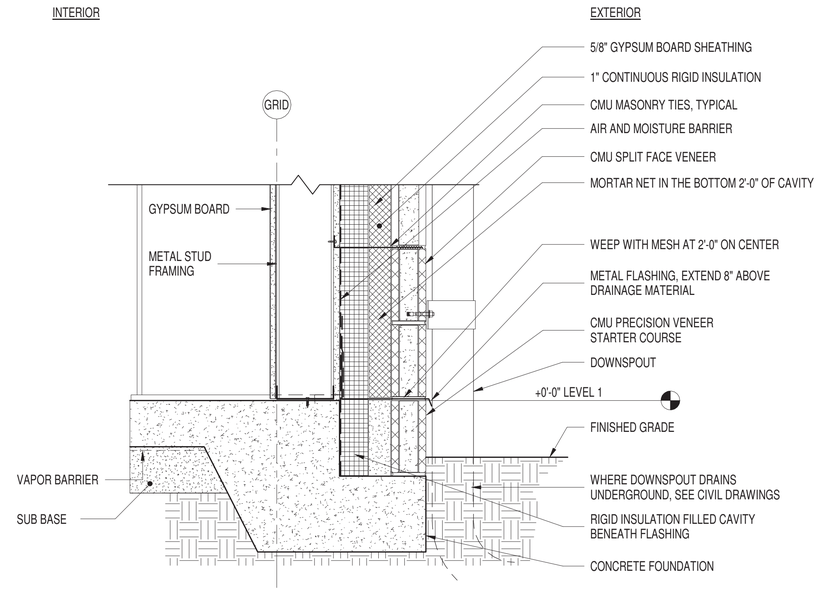


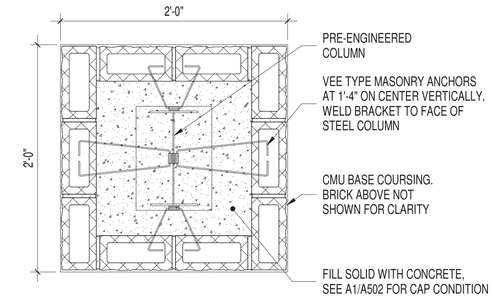
A1 BUILDING SECTION - CANOPY

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



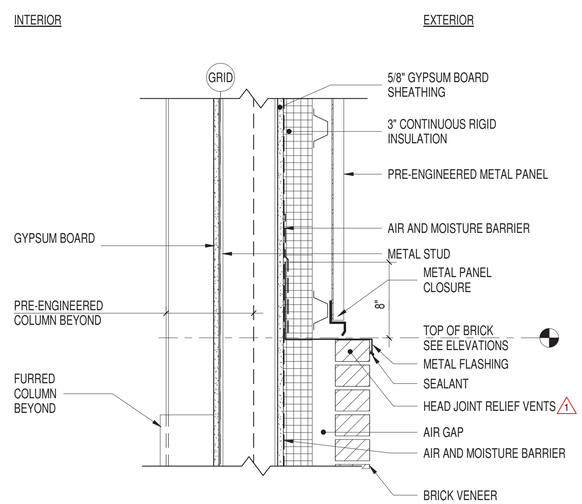
C3 BUILDING SECTION - BASE

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



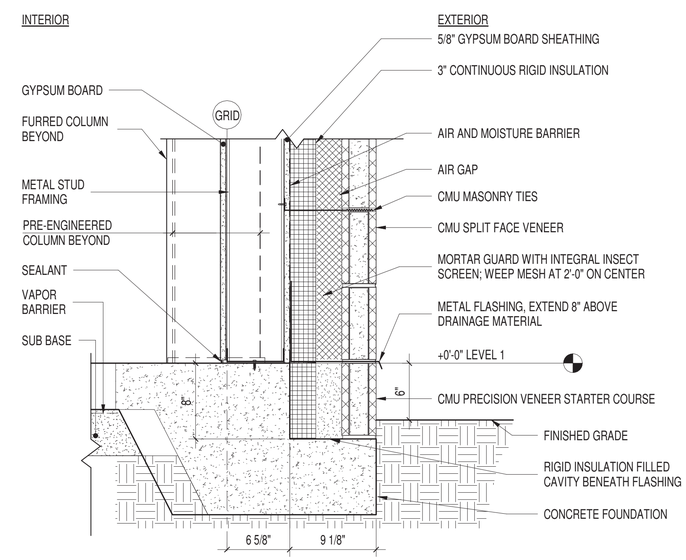
C4 COLUMN AT CANOPY

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



A3 BUILDING SECTION - TRANSITION

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



A4 BUILDING SECTION - RAKE - BASE

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

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

1' 6" 3" 0 1'

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A2

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NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

EXTERIOR DETAILS

SCALE: AS INDICATED

EPROJECT NO.: 1701820

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12903523

SHEET 72 OF 283

A-505

DRAWFORM REVISION: 25 AUGUST 2020

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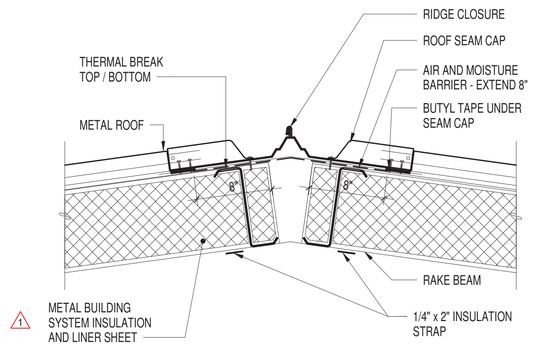
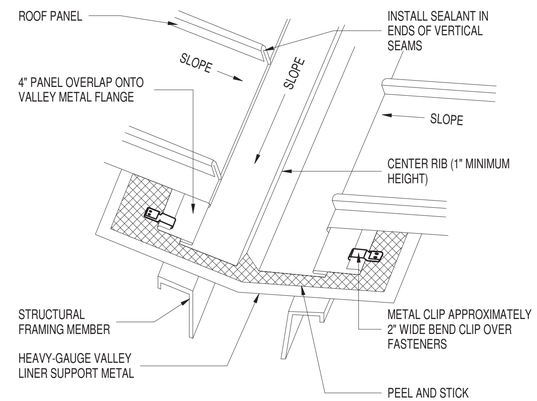


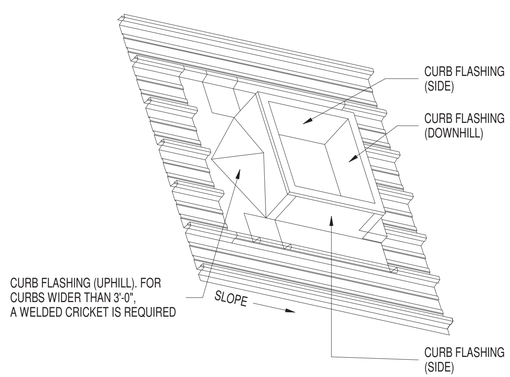
C2 ROOF RIDGE DETAIL

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



C4 ROOF VALLEY DETAIL

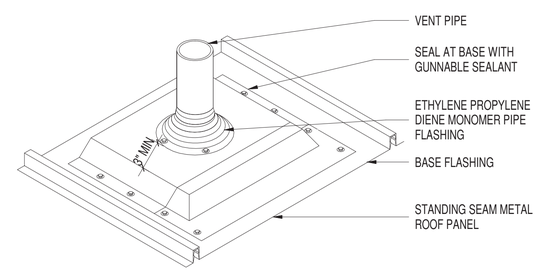
SCALE: 1 1/2" = 1'-0"



NOTE:
1. INSTALL PER MANUFACTURER RECOMMENDATIONS

A2 ROOF CURB DETAIL

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



NOTE:
1. PENETRATIONS SHOULD BE CENTERED IN PANELS
2. ATTACH ROOF JACK TO STANDING SEAM ROOF PANEL ONLY

A4 PIPE FLASHING

SCALE: 3" = 1'-0"

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

GRAPHIC SCALE: 1 1/2"=1'-0"
1' 6" 3" 0 1'

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

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ROOF DETAILS

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12903528
SHEET 77 OF 283
A2
CO BLDG
A-510

FINAL SUBMITTAL
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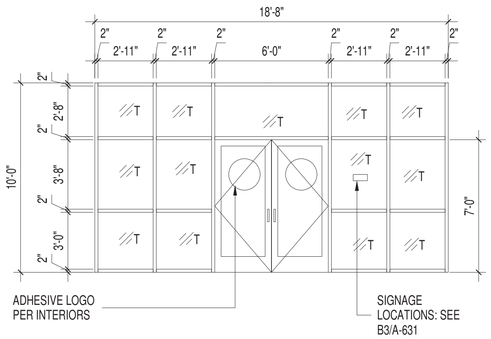
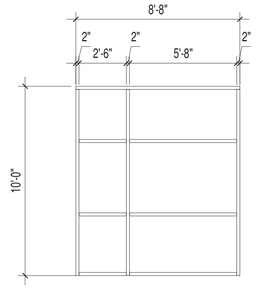
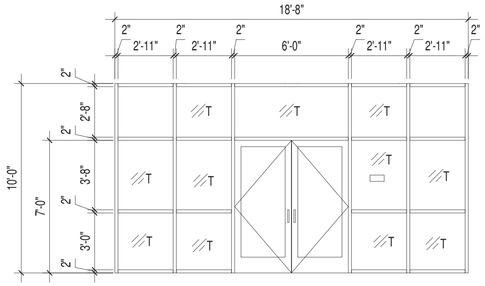


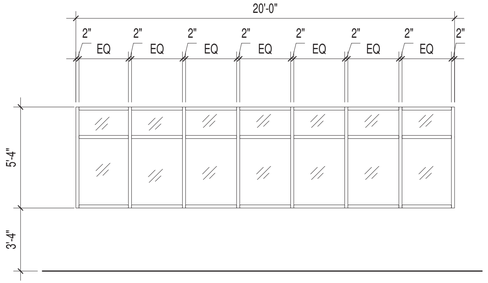
C1 VESTIBULE A-1
SCALE: 1/4" = 1'-0"



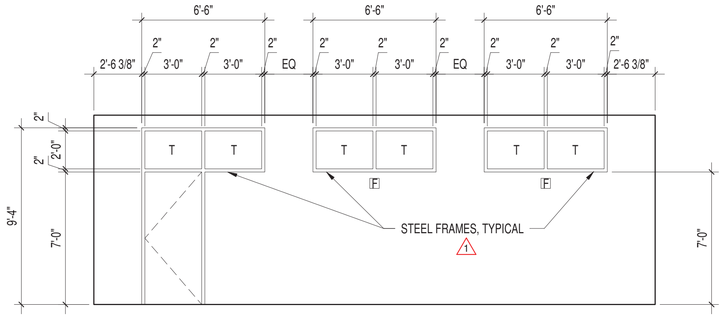
C2 VESTIBULE A-2
SCALE: 1/4" = 1'-0"



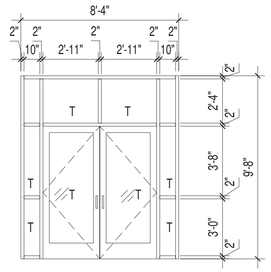
C3 LOBBY A-3
SCALE: 1/4" = 1'-0"



C4 A-5
SCALE: 1/4" = 1'-0"

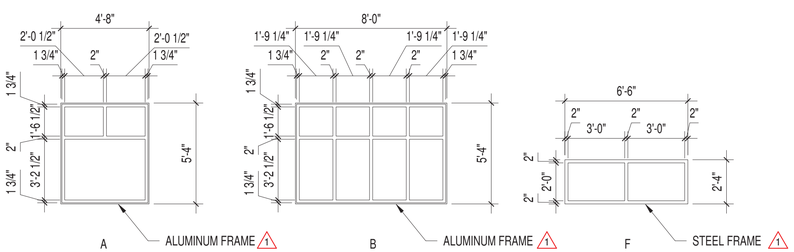


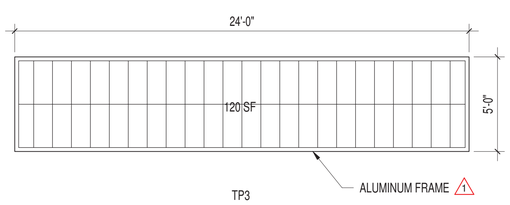
B3 TEAM OPS TRANSOM ELEVATION
SCALE: 1/4" = 1'-0"



B5 LOBBY A-4
SCALE: 1/4" = 1'-0"

WINDOW LEGEND





TP3

GENERAL CONSTRUCTION NOTES

1. SEE SPECIFICATIONS FOR HARDWARE GROUPS
2. REFER TO DOOR SCHEDULE FOR STOREFRONT DOOR DETAILS
3. FOR SYMBOL LEGEND, SEE SHEET G-003

MATERIAL & FINISHES

AL	ALUMINUM
FF	FACTORY FINISH
HM	HOLLOW METAL
PT	FIELD PAINTED
SCWD	SOLID CORE WOOD DOOR
ST	STAINED
T	TEMPERED GLAZING

GRAPHIC SCALE: 1/4"=1'-0"
4' 0 2' 4' 8'

MBF ARCHITECTS P.A. REGISTERED ARCHITECTURAL CORPORATION CERT. NO. 50679 NORTH CAROLINA NEW BERN, N.C.

SYM	1 REVISIONS	DESCRIPTION	2026.06.04 DATE	APPR

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DARDEN J. EURE, III REGISTERED ARCHITECT 8640 NORTH CAROLINA NEW BERN, NC
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mbf architects pa
317-C Pollock Street | New Bern, NC 28560
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A/E INFO

APPROVED
FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO
DES REL DRW ESS CHK DJE,III
PM/DM SGL/MDM
BRANCH MANAGER DJD
CHIEF ENG/ARCH JWJ
FIRE PROTECTION HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA.
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

WINDOW SCHEDULES AND DETAILS

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12903537
SHEET 86 OF 283

A2
CO BLDG

A-605

FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020

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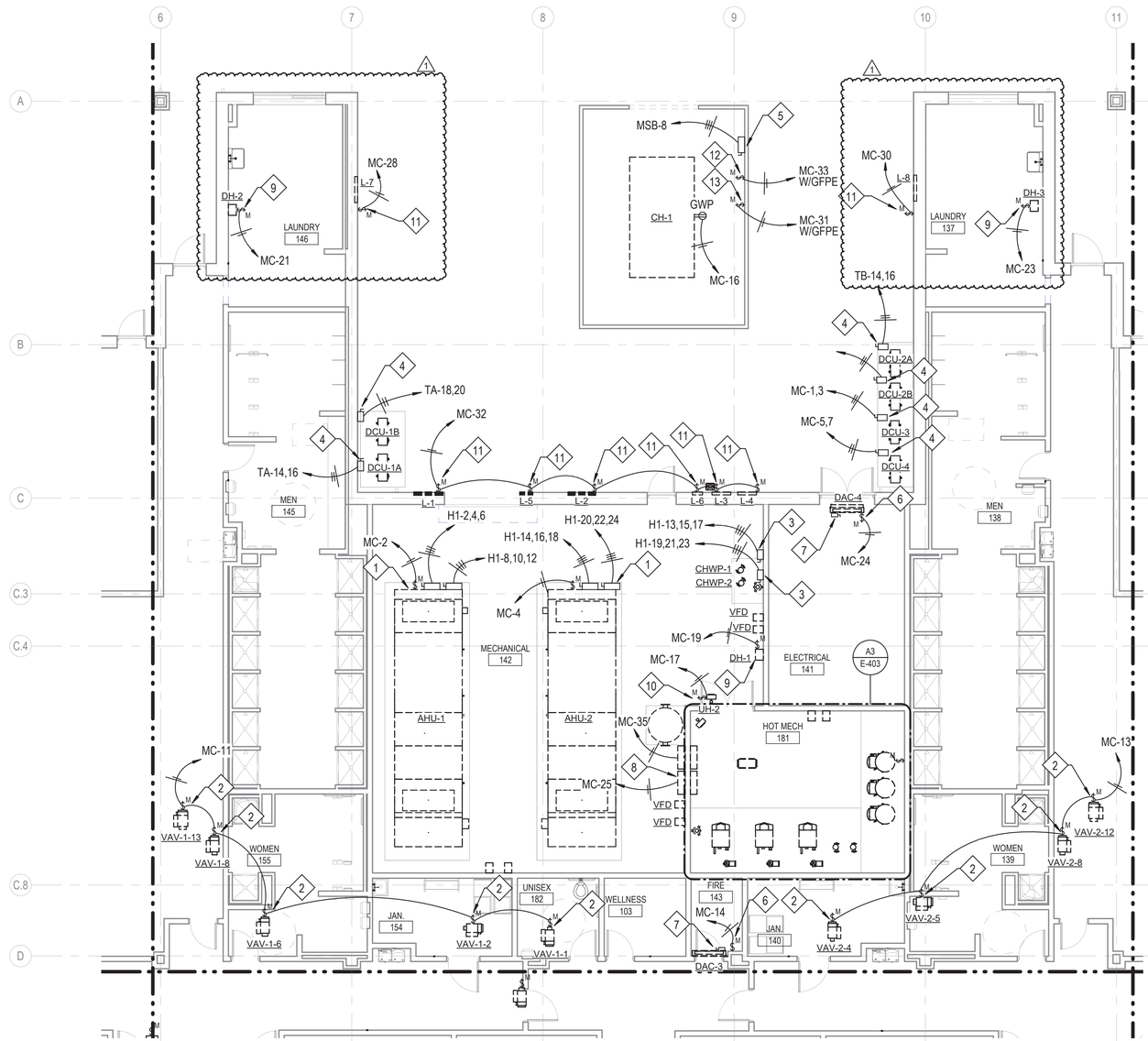


A2 FLOOR PLAN - AREA C EQUIPMENT CONNECTIONS

1/8" = 1'-0"

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

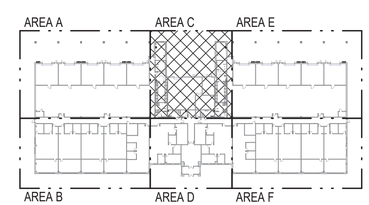
8' 0 4' 8' 16'

PLAN NOTES

1. CONNECT AHU SUPPLY FAN AND EXHAUST FAN THRU VFD. CONNECT AHU MARINE LIGHTS. PROVIDE DISCONNECTS, WIRING, AND CONDUIT COMPLETE. COORDINATE WITH MECHANICAL.
2. CONNECT VAV TERMINAL. PROVIDE MOTOR SWITCH, CONDUCTORS AND CONDUIT COMPLETE. COORDINATE WITH MECHANICAL.
3. CONNECT CHILLED WATER PUMP THROUGH VFD. PROVIDE DISCONNECT, CONDUCTORS AND CONDUITS COMPLETE. COORDINATE WITH MECHANICAL.
4. CONNECT SPLIT SYSTEM CONDENSING UNIT. OUTDOOR UNIT POWERS INDOOR UNIT. PROVIDE DISCONNECT, CONDUCTORS AND CONDUITS COMPLETE. RUN UNDERGROUND FROM EQUIPMENT TO BUILDING. COORDINATE WITH MECHANICAL.
5. CONNECT CHILLER. PROVIDE DISCONNECT, CONDUCTORS AND CONDUITS COMPLETE. COORDINATE WITH MECHANICAL.
6. CONNECT CONDENSATE PUMP. PROVIDE DISCONNECT, CONDUCTORS AND CONDUITS COMPLETE. COORDINATE WITH MECHANICAL.
7. CONNECT DUCTLESS SPLIT AIR HANDLING UNIT. INDOOR UNIT IS POWERED BY OUTDOOR UNIT. PROVIDE DISCONNECT, WIRING, AND CONDUIT COMPLETE. COORDINATE WITH MECHANICAL.
8. CONNECT HVAC CONTROL PANEL. PROVIDE HARD WIRE CONNECTION, CONDUCTORS AND CONDUITS COMPLETE. COORDINATE WITH MECHANICAL.
9. CONNECT DEHUMIDIFIER. PROVIDE DISCONNECT, CONDUCTORS AND CONDUITS COMPLETE. COORDINATE WITH MECHANICAL.
10. CONNECT UNIT HEATER. PROVIDE DISCONNECT, CONDUCTORS AND CONDUITS COMPLETE. COORDINATE WITH MECHANICAL.
11. CONNECT MOTORIZED LOUVER. PROVIDE DISCONNECT, CONDUCTORS AND CONDUITS COMPLETE. COORDINATE WITH MECHANICAL.
12. CONNECT CHILLER HEAT TRACE. PROVIDE DISCONNECT, CONDUCTORS AND CONDUITS COMPLETE. CONNECT TO GFPE BREAKER. COORDINATE WITH MECHANICAL.
13. CONNECT CHILLER PIPING HEAT TRACE. PROVIDE DISCONNECT, CONDUCTORS AND CONDUITS COMPLETE. CONNECT TO GFPE BREAKER. COORDINATE WITH MECHANICAL.

POWER NOTES

1. SEE VOLTAGE DROP SCHEDULE FOR WIRE SIZING INFORMATION FOR ALL BRANCH CIRCUITS OVER 65' IN LENGTH.
2. ALL RECEPTACLES WITHIN 6 FEET FROM THE OUTSIDE EDGE OF ANY SINK MUST BE GFI PER NEC 210.8(B)(5).
3. SEE ARCHITECTURAL SHEETS FOR INDICATIONS OF RATED WALLS.
4. PROVIDE LABEL PRINTER TYPE LABELING FOR ALL RECEPTACLES INDICATING SOURCE FEED WITH PANEL AND CIRCUIT NUMBER.
5. PROVIDE MACHINE ENGRAVED PLACARD LABELING ATTACHED WITH RIVETS TO ALL DISCONNECTS, PANELS, MOTOR-DISCONNECT SWITCHES INDICATING EQUIPMENT NAME, VOLTAGE AND PHASE, AMPERAGE, HERTZ AND SOURCE FEED.
6. ALL DISCONNECT SWITCHES MUST BE HEAVY DUTY TYPE.
7. CONTRACTOR MUST LOCATE JUNCTION BOXES, CONDUIT BODIES OR OTHER EQUIPMENT OR FITTINGS ABOVE INACCESSIBLE CEILING SUCH THAT THEY HAVE ACCESS PER NEC REQUIREMENTS.
8. COORDINATE UNDERGROUND CONDUIT FOR OUTSIDE EQUIPMENT WITH CONCRETE SLAB.
9. COORDINATE UNDERGROUND TELECOMM CONDUITS AND COMM ROOM LAYOUT WITH BASE COMMUNICATIONS OFFICE VIA CONTRACTING OFFICER.



A5 KEYPLAN

1" = 100'-0"

GRAPHIC SCALE: 1"=100'

100' 0 50' 100' 150' 200'

N

SYM	DESCRIPTION	DATE	APPR
1	DAMPER REVISION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 34954 JEFFREY T. ROSMAN 6-4-26

SEAL

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A/E INFO

APPROVED

FOR COMMANDER NAVFAC 6/10/2026

ACTIVITY

SATISFACTORY TO

DES	MKW	DRW JDC	CHK JTR
PM/DM	SGL/MDM		
BRANCH MANAGER	WRB		
CHIEF ENG/ARCH	JWJ		
FIRE PROTECTION	HPN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
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NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA.
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

FLOOR PLAN - AREA C EQUIPMENT CONNECTIONS

SCALE: AS INDICATED

EPROJECT NO.: 1701820

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12903675

SHEET 224 OF 283

A2

CO BLDG

E-115

FINAL SUBMITTAL

DRAWFORM REVISION: 25 AUGUST 2020

File Path: M:\Camp Lejeune\MARSOC SOF Marine Bn HQ_Team (P-1550)\A2 CO_TEAM
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LOUVER SCHEDULE

MARK	LOCATION (SERVES)	FLOW	SIZE WxH (in.)	FREE AREA REQUIRED (s.f.)	MAX AIR VELOCITY (fpm)	CFM	MAX AIR PD	REMARKS
L-1	MECH 142 (AHU-1)	INTAKE	40X40	5.15	700	3605	0.15	1,2,3,4
L-2	MECH 142 (AHU-2)	INTAKE	38X38	4.88	700	3415	0.15	1,2,3,4
L-3	MECH 142 (AHU-1)	EXHAUST	26X26	3.22	900	2900	0.15	1,2,3,4
L-4	MECH 142 (AHU-2)	EXHAUST	26X24	3.03	900	2725	0.15	1,2,3,4
L-5	HOT MECH 181	INTAKE	18X18	0.86	700	600	0.15	1,2,3,4
L-6	HOT MECH 181 (EF-1)	EXHAUST	14X14	0.67	900	600	0.15	1,2,3,4
L-7	LAUNDRY 146 (DRYER)	INTAKE	36X24	2.50	700	1600	0.1	2,3,4
L-8	LAUNDRY 137 (DRYER)	INTAKE	36X24	2.50	700	1600	0.1	2,3,4

1

REMARKS :
1. PROVIDE FULL SIZE PLENUM, BIRDSCREEN AND CLASS 1A MOTORIZED DAMPER BEHIND LOUVER AND PAINT INSIDE OF PLENUM FLAT BLACK.
2. VERIFY FINAL AIR VELOCITIES TO ENSURE THEY DO NOT EXCEED RATED WATER PENETRATION VELOCITIES.
3. REFER TO ARCHITECTURE FOR EXTERIOR FINISH.
4. MAXIMUM ALLOWABLE DISCHARGE OR RADIATED NOISE CRITERIA (NC) = 30.

BUILDING AIR BALANCE CALCULATION

AREA	OUTSIDE AIR (CFM)	EXHAUST AIR (CFM)	TRANSFER AIR (CFM)	Δ CFM	REMARKS
AHU-1	3605	2900	0	705	1
AHU-2	3400	2725	0	675	1
NET AIR BALANCE:				1380	

REMARKS
1. OVERALL BUILDING PRESSURIZATION IS POSITIVE.

DESIGN CONDITIONS

OUTDOOR DESIGN CONDITIONS

SEASON	DB/WB (°F)
SUMMER	91.0 / 77.0 (1% ASHRAE)
WINTER	22.0 (99.6% ASHRAE)

DEHUMIDIFICATION CONDITIONS

MCDB (°F)	W (grains H2O/lbm dry air)
84	140

INDOOR DESIGN CONDITIONS

SPACE TYPE	SEASON	OCCUPIED	UNOCCUPIED	RELATIVE HUMIDITY
ELECTRICAL*	COOLING	80°F (MAX)	-	0-85%
	HEATING	32°F (MIN)	-	0-85%
MECHANICAL	COOLING	80°F (MAX)	-	8% (MIN)
	HEATING	50°F (MIN)	-	8% (MIN)
FIRE ALARM**	COOLING	80°F (MAX)	-	80% (MAX)
	HEATING	41°F (MIN)	60°F	8% (MIN)
TELECOM ROOM	COOLING	68°F	-	50%
	HEATING	68°F	-	50%
ALL OTHER	COOLING	76°F	82°F	50%
	HEATING	70°F	55°F	30-50%

*EXTERIOR OR PRIMARY ELECTRICAL EQUIPMENT ROOMS ONLY. OTHERWISE FOLLOW UFC 3-410-01.
**PER NFPA 72 10.3.5. FOLLOW THIS OR MANUFACTURER'S REQUIREMENTS, WHICHEVER IS MORE STRINGENT.

DUCT CONSTRUCTION AND LEAKAGE TESTING TABLE

LOCATION	DUCT PRESSURE CLASS INCHES OF WATER				SA (2-3 IN. W.C.) ROUND / OVAL		SA (2-3 IN. W.C.) RECTANGULAR		EA/SA (<= 1 IN. W.C.) ROUND / OVAL		EA/SA (<= 1 IN. W.C.) RECTANGULAR		RA DUCT ROUND / OVAL		RA DUCT RECTANGULAR		OA DUCT ROUND / OVAL		OA DUCT RECTANGULAR		DUCT TEST PRESSURE INCHES OF WATER COLUMN	REMARKS
	SA DUCT	RA DUCT	EA DUCT	OA DUCT	DUCT SEAL CLASS	DUCT LEAK CLASS	DUCT SEAL CLASS	DUCT LEAK CLASS	DUCT SEAL CLASS	DUCT LEAK CLASS	DUCT SEAL CLASS	DUCT LEAK CLASS	DUCT SEAL CLASS	DUCT LEAK CLASS	DUCT SEAL CLASS	DUCT LEAK CLASS	DUCT SEAL CLASS	DUCT LEAK CLASS	DUCT SEAL CLASS	DUCT LEAK CLASS		
AHU-1,2	3	-	-	-	A	8	A	16	-	-	-	-	-	-	-	-	-	-	-	-	2	1,2
	-	-3	-	-	-	-	-	-	-	-	-	-	A	8	A	16	-	-	-	-	2	1,2
	-	-	-1	-	-	-	-	-	A	8	A	16	-	-	-	-	-	-	-	-	1	1,2,3
	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	A	8	A	16	1	1,2
VAV TERMINAL BOXES	2	-	-	-	A	8	A	16	-	-	-	-	-	-	-	-	-	-	-	-	2	1,2

REMARKS:
1. TEST IN ACCORDANCE WITH SPECIFICATION SECTION 23 05 93 TESTING, ADJUSTING, AND BALANCING FOR HVAC, AND WITH THE PROCEDURES IN SMACNA 016 HVAC AIR DUCT LEAKAGE TEST MANUAL.
2. UTILIZE DUCT LEAKE CLASSES INDICATED IN THIS TABLE FOR THE LISTED DUCT PRESSURE CLASSES AND DUCT SEAL CLASS.
3. TESTING MAY BE DONE AT POSITIVE PRESSURE FOR NEGATIVE SYSTEMS.

SEISMIC

BUILDING RISK CATEGORY	II
WIND EXPOSURE CATEGORY	C
SEISMIC DESIGN CATEGORY	B
SEE STRUCTURAL PLANS FOR FURTHER INFORMATION	

ASHRAE STANDARD 15 REFRIGERANT COMPLIANCE CALCULATION

CONDENSING UNIT	REFRIGERANT NUMBER	RCL	LFL	CF	FOCC	ROOM	ROOM AREA	ROOM HEIGHT	WITHOUT AIR CIRCULATION (SECTION 7.6.1.2) Mdef (TABLE 7.1)	FLFL	EFFECTIVE DISPERSAL VOLUME CHARGE (EDVC) (sect 7.6.1.2)	SYSTEM CHARGE (Ms)	RELEASABLE CHARGE (Mrel)	RELEASABLE CHARGE ≤ EDVC?	REMARKS
		(lb/1000 ft³)	(lb/1000 ft³)				ft2	ft	(lb)		(lb)	(lb)	(lb)		
DAC-1a,1b	R-454B	3.2	22.0	0.5	1.0	175 TELE	211.0	10.0	15.20	0.9	13.7	4.41	4.41	YES	1,2
	R-32	4.8	19.1	0.5	1.0				15.20	1.0	15.2			YES	1,2
DAC-2a,2b	R-454B	3.2	22.0	0.5	1.0	113 TELE	211.0	10.0	15.20	0.9	13.7	4.41	4.41	YES	1,2
	R-32	4.8	19.1	0.5	1.0				15.20	1.0	15.2			YES	1,2
DAC-3	R-454B	3.2	22.0	0.5	1.0	143 FIRE	52.0	12.0	4.50	0.9	4.1	2.00	2.00	YES	1,2
	R-32	4.8	19.1	0.5	1.0				4.50	1.0	4.5			YES	1,2
DAC-4	R-454B	3.2	22.0	0.5	1.0	141 ELEC	363.0	14.0	19.90	0.9	17.9	12.57	12.57	YES	1,2
	R-32	4.8	19.1	0.5	1.0				19.90	1.0	19.9			YES	1,2

REMARKS:
1. ASHRAE 34-2024, TABLE 4-1 & 4-2: REFRIGERANT IS CLASSIFIED AS NEITHER TOXIC OR HIGHLY TOXIC, WITH A REFRIGERANT CONCENTRATION LIMIT (RCL), LOWER FLAMMABILITY LIMIT (LFL) PER SCHEDULED VALUES.
2. EFFECTIVE DISPERSAL VOLUME CHARGE (EDVC) IS CALCULATED PER ASHRAE 15-2024, SECTION 7.6 (R-454B & R-32). Mdef VALUE INTERPOLATED USING VALUES FROM TABLE 7-1.

AIR DISTRIBUTION SCHEDULE

MARK	DESCRIPTION	THROW	CEILING MODULE SIZE	NECK SIZE	MINIMUM CFM	MAXIMUM CFM	MAX. NC	REMARKS
S1	SQUARE PLAQUE FACE DIFFUSER	4 WAY	24x24	6"ø	0 CFM	100 CFM	30	1,2,3,4
S2	SQUARE PLAQUE FACE DIFFUSER	4 WAY	24x24	8"ø	125 CFM	200 CFM	30	1,2,3,4
S3	SQUARE PLAQUE FACE DIFFUSER	4 WAY	24x24	10"ø	225 CFM	275 CFM	30	1,2,3,4
S4	LOUVERED GRILLE, 3/4" SPACING, DOUBLE DEFLECTION	N/A	N/A	12X6	200 CFM	200 CFM	30	2,3
E1	PERFORATED EXHAUST DIFFUSER	NA	24x24	6"ø	0 CFM	100 CFM	30	1,2,3,4
E2	PERFORATED EXHAUST DIFFUSER	NA	24x24	8"ø	105 CFM	200 CFM	30	1,2,3,4
E3	PERFORATED EXHAUST DIFFUSER	NA	24x24	12"ø	305 CFM	600 CFM	30	1,2,3,4
R1	PERFORATED RETURN DIFFUSER 1	NA	24X24	6"ø	0 CFM	75 CFM	30	2,3,4
R2	PERFORATED RETURN DIFFUSER	NA	24X24	8"ø	100 CFM	200 CFM	30	2,3,4
R3	PERFORATED RETURN DIFFUSER	NA	24X24	10"ø	205 CFM	300 CFM	30	2,3,4
R4	PERFORATED RETURN DIFFUSER	NA	24X24	12"ø	305 CFM	750 CFM	30	2,3,4
T1	PERFORATED RETURN DIFFUSER	NA	24X24	16"ø	-	-	30	2,3,4

REMARKS
1. VERIFY ALL CEILING TYPES WITH ARCHITECTURAL PLANS TO DETERMINE MOUNTING DETAILS AND ACCESSORIES REQUIRED. COORDINATE COLOR WITH ARCHITECT.
2. PROVIDE WITH SQUARE TO ROUND TRANSITION AS NECESSARY.
3. ALL AIR DISTRIBUTION MUST BE 100% ALUMINUM CONSTRUCTION.
4. PROVIDE BLANKET INSULATION ON THE BACK OF ALL DIFFUSERS.

SYM	DESCRIPTION	DATE	APPR
1	EQUIPMENT COORDINATION	04 JUN 2026	

NAVFAC

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06-04-26

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A/E INFO
APPROVED
FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY
SATISFACTORY TO
DES MPM DRW MAS CHK LWM
PM/DM SLG/MDM
BRANCH MANAGER ALG
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DEPARTMENT OF THE NAVY
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MIDLANT DC CORE
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NAVAL STATION - NORFOLK, VA
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P-1550 SOF MARINE RAIDER
BATTALION / COMPANY / TEAM FACILITIES
MECHANICAL SCHEDULES

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12903643
SHEET 192 OF 283
A2
CO BLDG
M-601
FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020

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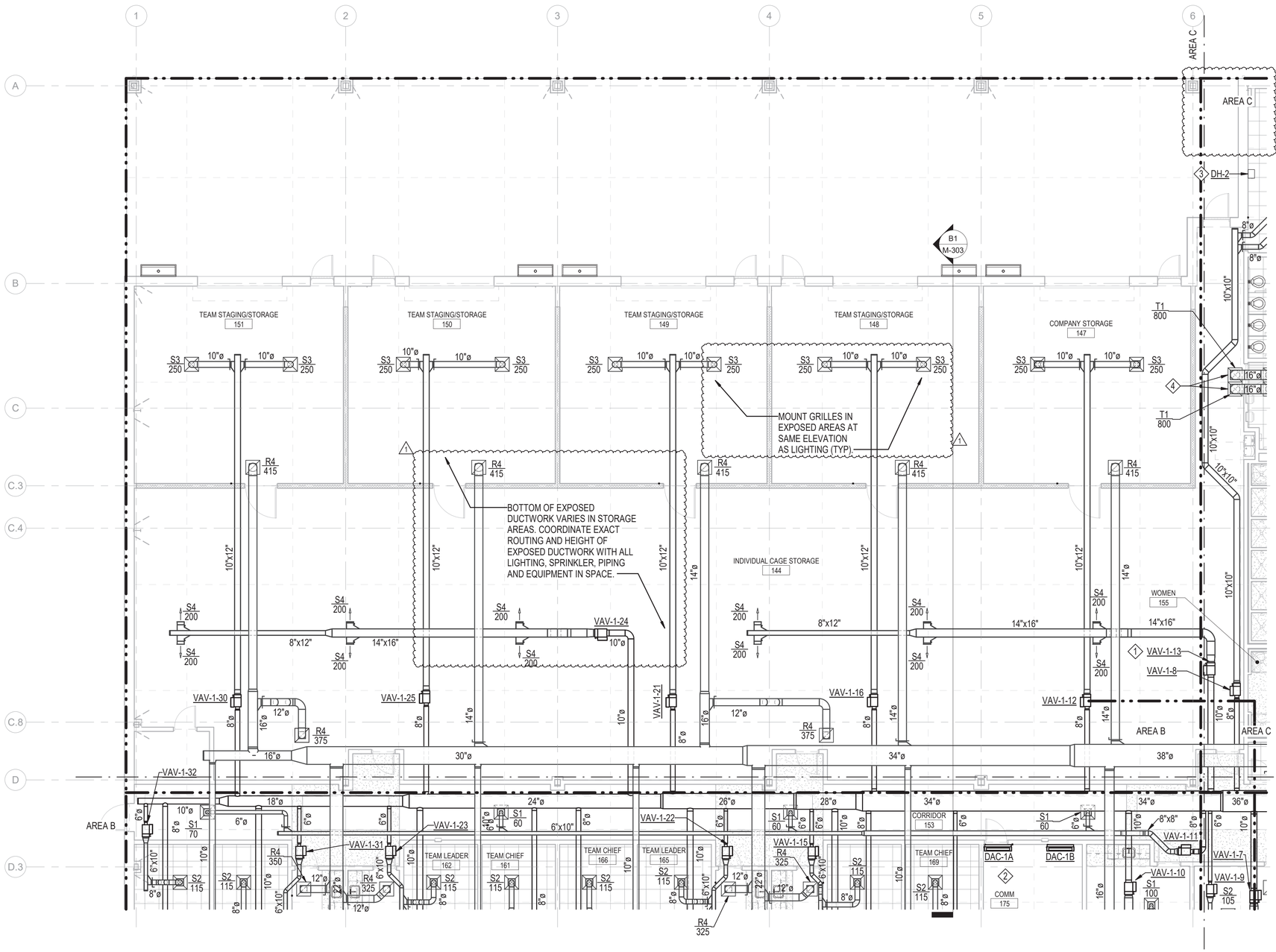


A1 FIRST FLOOR PLAN - MECHANICAL - AREA A

1/8" = 1'-0"

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

8' 0 4' 8' 16'

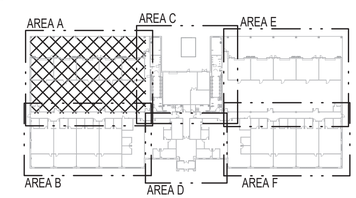
N

GENERAL NOTES:

1. SEE SHEET M-001 FOR GENERAL NOTES, LEGEND & ABBREVIATIONS
2. PLAN DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NO ILLUSTRATE ALL SPECIFIC DUCT TAKE-OFF CONFIGURATIONS, TAPS, ETC. PROVIDE FLEXIBLE DUCTWORK RUNOUTS TO ALL SUPPLY AND RETURN GRILLES WITH A MAXIMUM LENGTH OF 5 FEET AND SINGLE BENDS NO GREATER THAN 45 DEGREES. REFER TO PROJECT SPECIFICATIONS AND DUCTWORK DETAILS FOR SPECIFIC REQUIREMENTS.

PLAN NOTES

1. PROVIDE VAV TERMINAL UNIT, WITH HOT WATER COIL FOR HEATING. COORDINATE EXACT LOCATION AND MOUNTING REQUIREMENTS TO PROVIDE MANUFACTURER REQUIRED CLEARANCES AND ACCESS FOR MAINTENANCE. (TYPICAL)
2. INSTALL DUCTLESS SPLIT AIR HANDLER OVER TELECOM ROOM DOOR. COORDINATE EXACT LOCATION OF AIR HANDLING UNIT WITH ALL OTHER EQUIPMENT TO BE INSTALLED WITHIN THE ROOM.
3. PROVIDE DEHUMIDIFIER, MOUNTED ON WALL AT 60" ON SHELF. PIPE TO NEAREST FLOOR DRAIN. COORDINATE EXACT LOCATION WITH ALL OTHER EQUIPMENT TO PROVIDE PROPER CLEARANCES.
4. PROVIDE TRANSFER GRILLES AND DUCTWORK FOR MAKEUP AIR TO RESTROOM FROM ADJACENT SPACES AS SHOWN.



A5 KEY PLAN

NTS

N

SYM	DESCRIPTION	DATE	APPR
1	EQUIPMENT COORDINATION	04 JUN 2026	

NAVFAC

SEAL

CRENSHAW CONSULTING Engineers
NC LICENSE #C-1164
www.crenshawconsulting.com
3916 Bush Street, Suite 200
Raleigh, North Carolina 27609
919-871-9370 Fax 871-5620

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 6/10/2026

ACTIVITY

SATISFACTORY TO

DES	MPM	DRW	MAS	CHK	LWM
PM/DM					SLG/MDM
BRANCH MANAGER					ALG
CHIEF ENG/ARCH					JWJ
FIRE PROTECTION					HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER
BATTALION / COMPANY / TEAM FACILITIES

FIRST FLOOR PLAN - MECHANICAL - AREA A

SCALE: AS INDICATED

EPROJECT NO.: 1701820

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12903618

SHEET 167 OF 283

A2

CO BLDG

MH101

FINAL SUBMITTAL

DRAWFORM REVISION: 25 AUGUST 2020

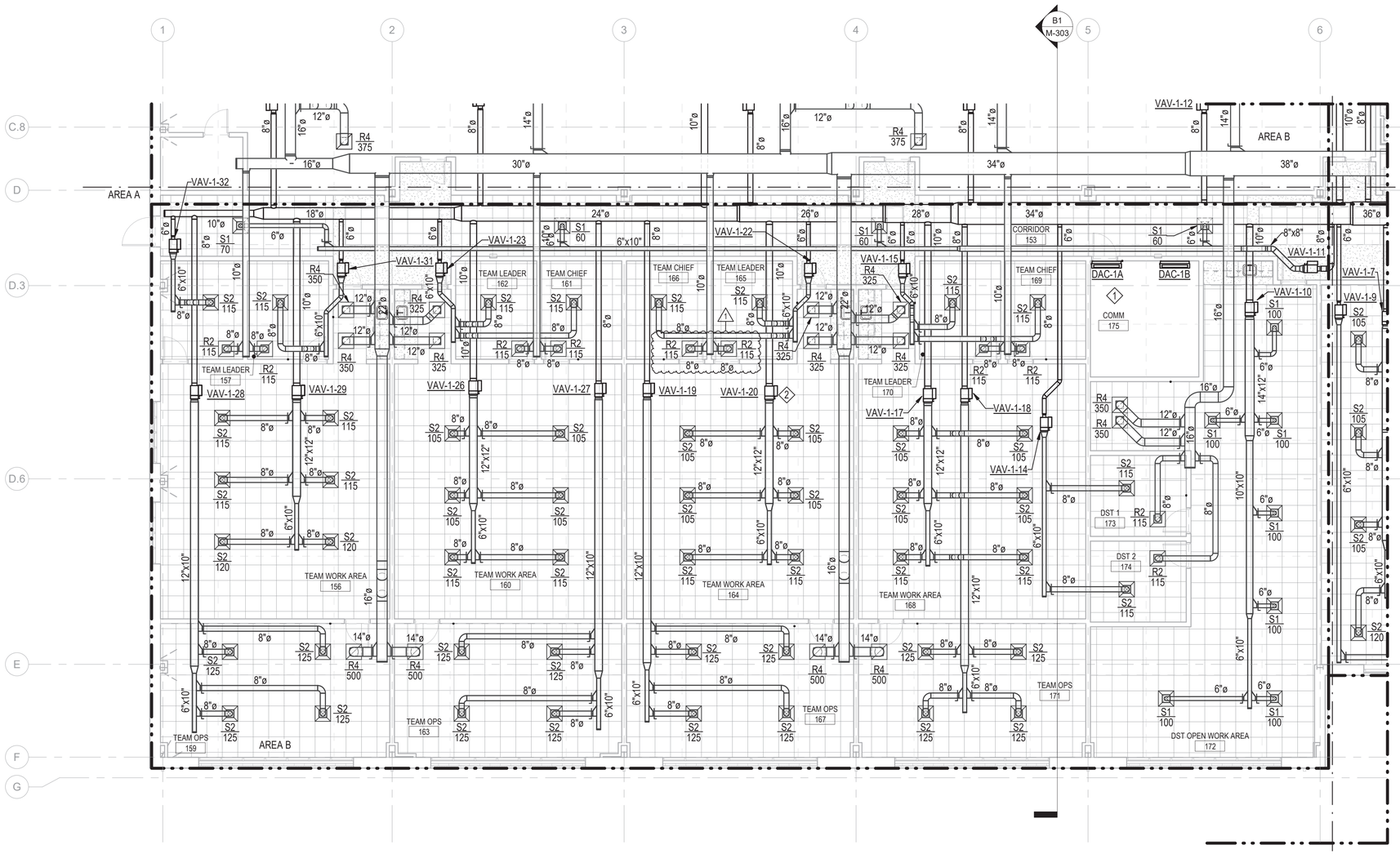
File Path: M:\Camp Lejeune\MARSOC SOF Marine Bn HQ_Team (P-1550)\A2 CO_TEAM
Print Date: 6/5/2026 2:06:21 PM

GENERAL NOTES:

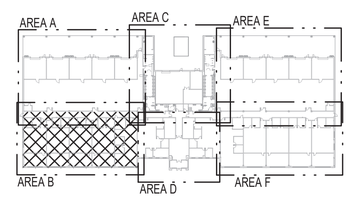
1. SEE SHEET M-001 FOR GENERAL NOTES, LEGEND & ABBREVIATIONS
2. PLAN DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NO ILLUSTRATE ALL SPECIFIC DUCT TAKE-OFF CONFIGURATIONS, TAPS, ETC. PROVIDE FLEXIBLE DUCTWORK RUNOUTS TO ALL SUPPLY AND RETURN GRILLES WITH A MAXIMUM LENGTH OF 5 FEET AND SINGLE BENDS NO GREATER THAN 45 DEGREES. REFER TO PROJECT SPECIFICATIONS AND DUCTWORK DETAILS FOR SPECIFIC REQUIREMENTS.

PLAN NOTES

1. INSTALL DUCTLESS SPLIT AIR HANDLER OVER TELECOM ROOM DOOR. COORDINATE EXACT LOCATION OF AIR HANDLING UNIT WITH ALL OTHER EQUIPMENT TO BE INSTALLED WITHIN THE ROOM.
2. PROVIDE VAV TERMINAL UNIT, WITH HOT WATER COIL FOR HEATING. COORDINATE EXACT LOCATION AND MOUNTING REQUIREMENTS TO PROVIDE MANUFACTURER REQUIRED CLEARANCES AND ACCESS FOR MAINTENANCE. (TYPICAL)



A1 FIRST FLOOR PLAN - MECHANICAL - AREA B
1/8" = 1'-0"



A5 KEY PLAN
NTS

GRAPHIC SCALE: 1/8"=1'-0"
8' 0 4' 8' 16'

SYM	DESCRIPTION	DATE	APPR
1	EQUIPMENT COORDINATION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 035500 ENGINEER JAMES W. MERRITT
06-04-26
SEAL

CRENSHAW CONSULTING Engineers
NC LICENSE #C-1164 www.crenshawcc.com 3516 Bush Street, Suite 200 Raleigh, North Carolina 27609 919-871-9370 Fax 871-5620

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO
DES MPM DRW MAS CHK LWM
PM/DM SLG/MDM
BRANCH MANAGER ALG
CHIEF ENG/ARCH JWJ
FIRE PROTECTION HPN

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC
P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES
FIRST FLOOR PLAN - MECHANICAL - AREA B

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
MIDLANT DC CORE
MARINE CORPS BASE

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12903619
SHEET 168 OF 283
A2
CO BLDG
MH102
FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020

File Path: M:\Camp Lejeune\MARSOC SOF Marine Bn HQ_Team (P-1550)\A2 CO_TEAM
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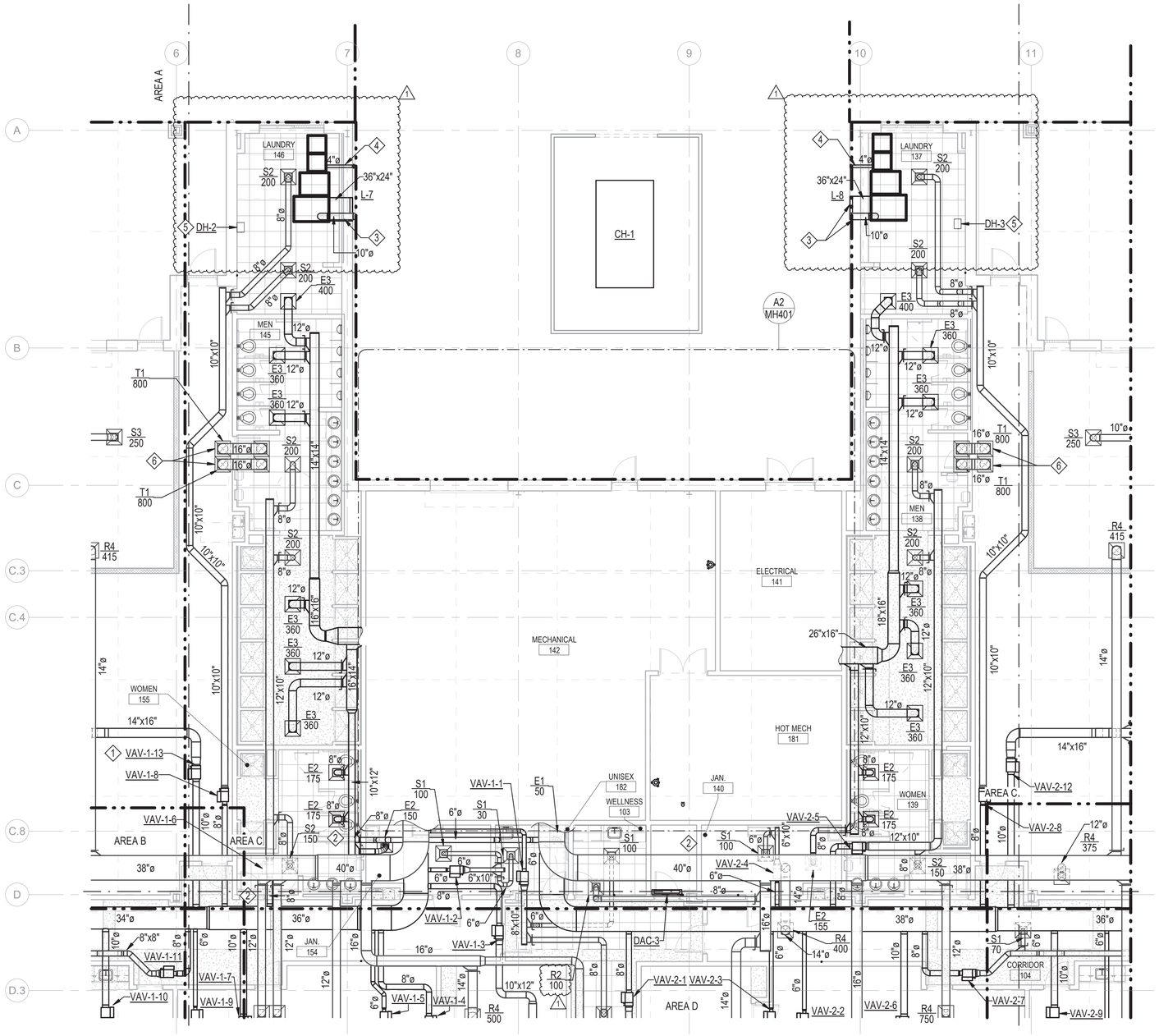


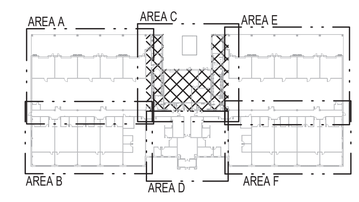
A1 FIRST FLOOR PLAN - MECHANICAL - AREA C
1/8" = 1'-0"

GENERAL NOTES:

1. SEE SHEET M-001 FOR GENERAL NOTES, LEGEND & ABBREVIATIONS
2. PLAN DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NO ILLUSTRATE ALL SPECIFIC DUCT TAKE-OFF CONFIGURATIONS, TAPS, ETC. PROVIDE FLEXIBLE DUCTWORK RUNOUTS TO ALL SUPPLY AND RETURN GRILLES WITH A MAXIMUM LENGTH OF 5 FEET AND SINGLE BENDS NO GREATER THAN 45 DEGREES. REFER TO PROJECT SPECIFICATIONS AND DUCTWORK DETAILS FOR SPECIFIC REQUIREMENTS.

PLAN NOTES

1. PROVIDE VAV TERMINAL UNIT, WITH HOT WATER COIL FOR HEATING. COORDINATE EXACT LOCATION AND MOUNTING REQUIREMENTS TO PROVIDE MANUFACTURER REQUIRED CLEARANCES AND ACCESS FOR MAINTENANCE. (TYPICAL)
2. PROVIDE ABOVE CEILING SUPPLY AND RETURN DUCTWORK, FROM AIR HANDLER IN MECHANICAL ROOM TO VAV BOXES AND DIFFUSERS. COORDINATE ANY REQUIRED TRANSITIONS TO EXPOSED DUCTWORK CONSTRUCTION IN OPEN STORAGE SPACES.
3. PROVIDE 10" ROUND EXHAUST DUCTWORK FROM 120LB TUMBLER DRYER TO EXTERIOR WALL CAP UP HIGH. PROVIDE MAKE-UP AIR DUCTWORK FROM DRYER INTAKE TO EXTERIOR WALL LOUVER DOWN LOW.
4. PROVIDE 4" ROUND EXHAUST DUCTWORK FROM DRYER TO EXTERIOR WALL CAP AS SHOWN. MAKE-UP AIR TO BE PROVIDED FROM SPACE.
5. PROVIDE DEHUMIDIFIER, MOUNTED ON WALL AT 60" ON SHELF. PIPE TO NEAREST FLOOR DRAIN. COORDINATE EXACT LOCATION WITH ALL OTHER EQUIPMENT TO PROVIDE PROPER CLEARANCES.
6. PROVIDE TRANSFER GRILLES AND DUCTWORK FOR MAKEUP AIR TO RESTROOM FROM ADJACENT SPACES AS SHOWN.



A5 KEY PLAN
NTS

GRAPHIC SCALE: 1/8"=1'-0"
8' 0 4' 8' 16'

SYM	DESCRIPTION	DATE	APPR
1	EQUIPMENT COORDINATION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 035500 ENGINEER JAMES W. MERRITT
06-04-26
SEAL

CRENSHAW CONSULTING Engineers
NC LICENSE #C-1164 www.crenshawcc.com 3516 Bush Street, Suite 200 Raleigh, North Carolina 27609 919-871-9370 Fax 871-5620

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO

DES	MPM	DRW	MAS	CHK	LWM

PM/DM	SLG/MDM
BRANCH MANAGER	ALG
CHIEF ENG/ARCH	JWJ
FIRE PROTECTION	HPN

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA.
CAMP LEJEUNE, NC

DEPARTMENT OF THE NAVY
MIDLANT DC CORE
MARINE CORPS BASE

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

FIRST FLOOR PLAN - MECHANICAL - AREA C

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12903620
SHEET 169 OF 283

A2
CO BLDG

MH103

FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020

File Path: M:\Camp Lejeune\MARSOC SOF Marine Bn HQ_Team (P-1550)\A2 CO_TEAM
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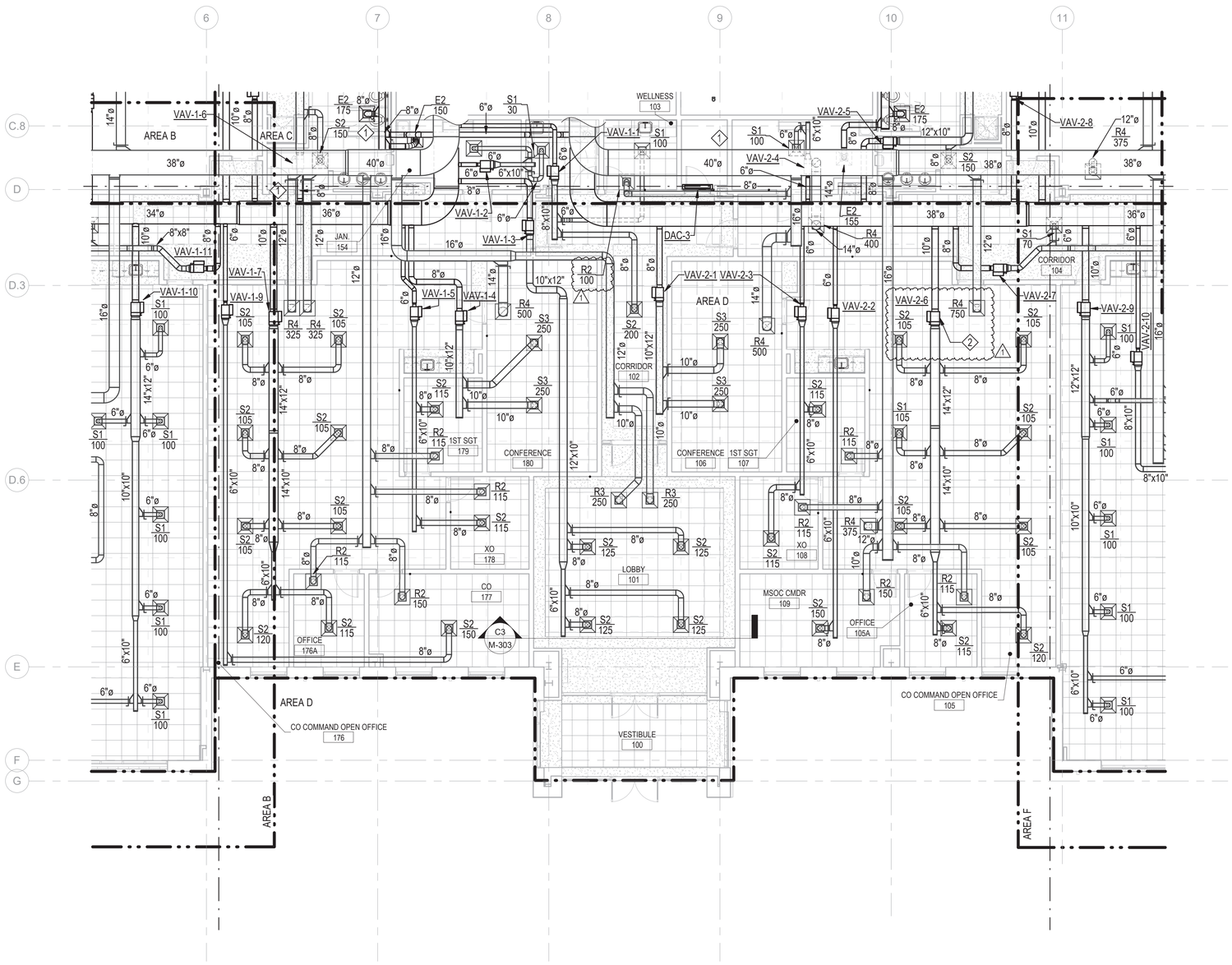
GENERAL NOTES:

1. SEE SHEET M-001 FOR GENERAL NOTES, LEGEND & ABBREVIATIONS
2. PLAN DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NO ILLUSTRATE ALL SPECIFIC DUCT TAKE-OFF CONFIGURATIONS, TAPS, ETC. PROVIDE FLEXIBLE DUCTWORK RUNOUTS TO ALL SUPPLY AND RETURN GRILLES WITH A MAXIMUM LENGTH OF 5 FEET AND SINGLE BENDS NO GREATER THAN 45 DEGREES. REFER TO PROJECT SPECIFICATIONS AND DUCTWORK DETAILS FOR SPECIFIC REQUIREMENTS.

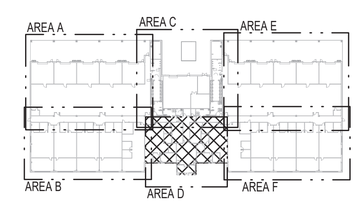


A1 FIRST FLOOR PLAN - MECHANICAL - AREA D
1/8" = 1'-0"

GRAPHIC SCALE: 1/8"=1'-0"
8' 0 4' 8' 16'

PLAN NOTES

1. PROVIDE ABOVE CEILING SUPPLY AND RETURN DUCTWORK, FROM AIR HANDLER IN MECHANICAL ROOM TO VAV BOXES AND DIFFUSERS. COORDINATE ANY REQUIRED TRANSITIONS TO EXPOSED DUCTWORK CONSTRUCTION IN OPEN STORAGE SPACES.
2. PROVIDE VAV BOX LOCATED ABOVE CEILING, WITH HOT WATER COIL FOR HEATING. (TYPICAL)



A5 KEY PLAN
NTS

SYM	DESCRIPTION	DATE	APPR
1	EQUIPMENT COORDINATION	04 JUN 2026	

NAVFAC

SEAL
06-04-26

CRENSHAW CONSULTING Engineers
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Raleigh, North Carolina 27609
919-871-9370 Fax 871-5620

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO
DES MPM DRW MAS CHK LWM
PM/DM SLG/MDM
BRANCH MANAGER ALG
CHIEF ENG/ARCH JWJ
FIRE PROTECTION HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC_CORE
MARINE CORPS BASE

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER
BATTALION / COMPANY / TEAM FACILITIES

FIRST FLOOR PLAN - MECHANICAL - AREA D

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12903621
SHEET 170 OF 283

A2
CO BLDG
MH104

FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020

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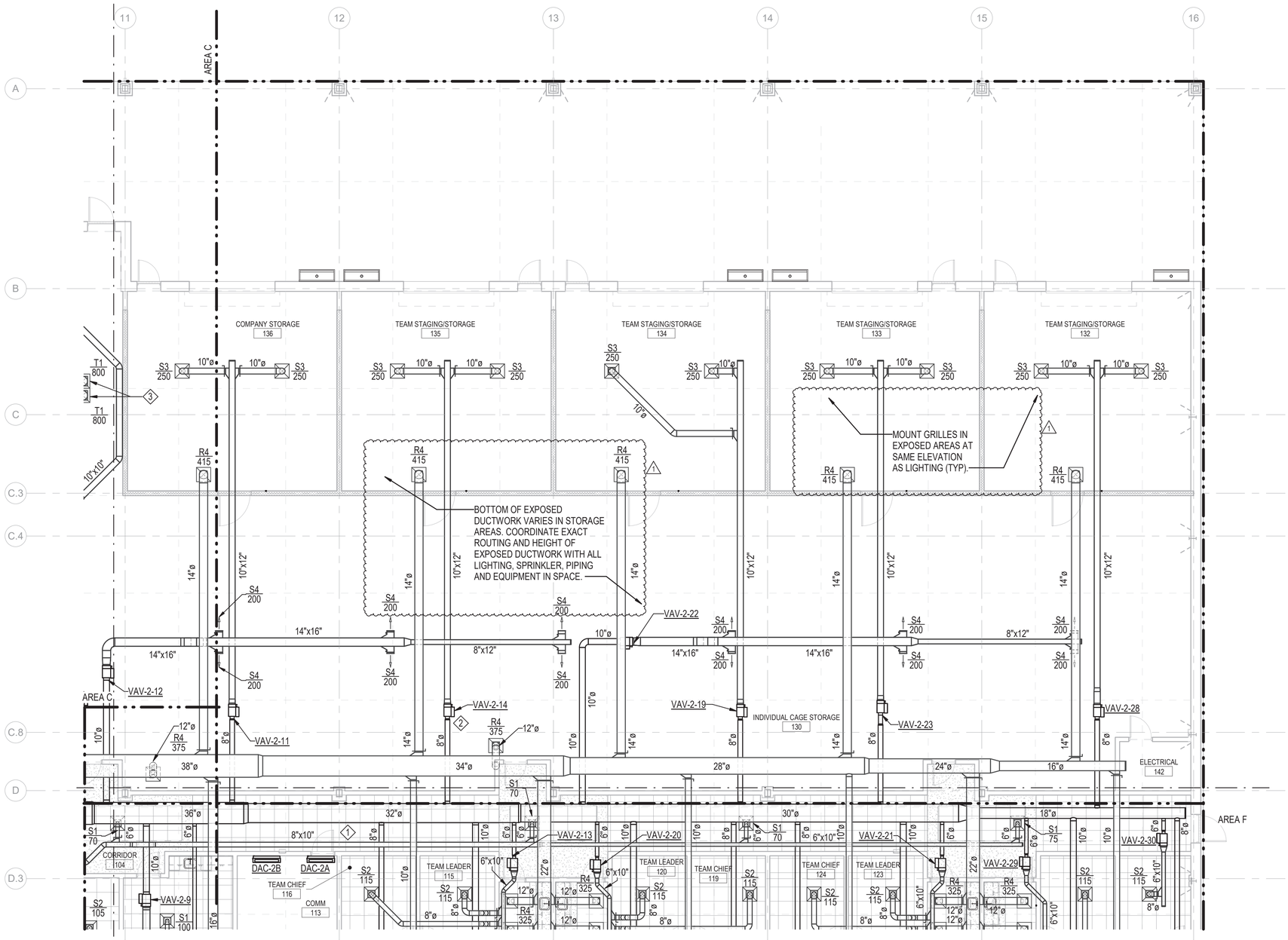


A1 FIRST FLOOR PLAN - MECHANICAL - AREA E

1/8" = 1'-0"

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

8' 0 4' 8' 16'

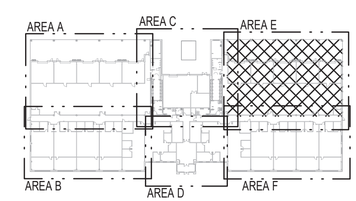
N

GENERAL NOTES:

1. SEE SHEET M-001 FOR GENERAL NOTES, LEGEND & ABBREVIATIONS
2. PLAN DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NO ILLUSTRATE ALL SPECIFIC DUCT TAKE-OFF CONFIGURATIONS, TAPS, ETC. PROVIDE FLEXIBLE DUCTWORK RUNOUTS TO ALL SUPPLY AND RETURN GRILLES WITH A MAXIMUM LENGTH OF 5 FEET AND SINGLE BENDS NO GREATER THAN 45 DEGREES. REFER TO PROJECT SPECIFICATIONS AND DUCTWORK DETAILS FOR SPECIFIC REQUIREMENTS.

PLAN NOTES

1. PROVIDE ABOVE CEILING SUPPLY AND RETURN DUCTWORK, FROM AIR HANDLER IN MECHANICAL ROOM TO VAV BOXES AND DIFFUSERS.
2. PROVIDE VAV TERMINAL UNIT, WITH HOT WATER COIL FOR HEATING. COORDINATE EXACT LOCATION AND MOUNTING REQUIREMENTS TO PROVIDE MANUFACTURER REQUIRED CLEARANCES AND ACCESS FOR MAINTENANCE. (TYPICAL)
3. PROVIDE TRANSFER GRILLES AND DUCTWORK FOR MAKEUP AIR TO RESTROOM FROM ADJACENT SPACES AS SHOWN.



A5 KEY PLAN

NTS

N

SYM	DESCRIPTION	DATE	APPR
1	EQUIPMENT COORDINATION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 035500 ENGINEER THOMAS W. MERRIGAN

06-04-26

SEAL

CRENSHAW CONSULTING Engineers

NC LICENSE #C-1164 www.crenshawconsulting.com 3918 Bush Street, Suite 200 Raleigh, North Carolina 27609 919-871-1070 Fax 871-5620

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 6/10/2026

ACTIVITY

SATISFACTORY TO

DES	MPM	DRW	MAS	CHK	LWM
PM/DM	SLG/MDM				
BRANCH MANAGER	ALG				
CHIEF ENG/ARCH	JWJ				
FIRE PROTECTION	HPN				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA.
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

FIRST FLOOR PLAN - MECHANICAL - AREA E

SCALE: AS INDICATED

EPROJECT NO.: 1701820

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12903622

SHEET 171 OF 283

A2

CO BLDG

MH105

FINAL SUBMITTAL

DRAWFORM REVISION: 25 AUGUST 2020

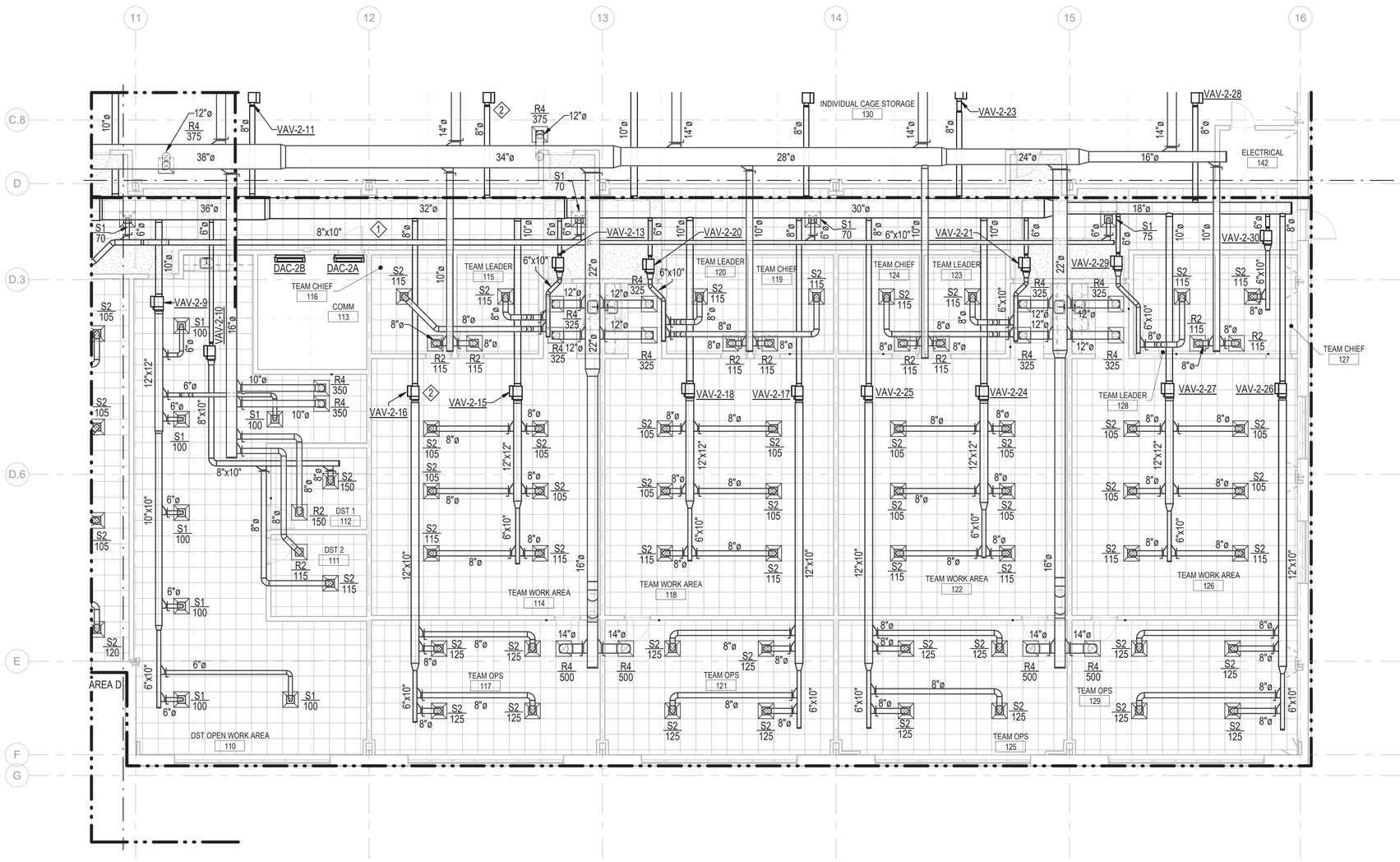
File Path: M:\Camp Lejeune\MARSOC SOF Marine Bn HQ_Team (P-1550)\A2 CO_TEAM
Print Date: 6/5/2026 2:07:17 PM

GENERAL NOTES:

1. SEE SHEET M-001 FOR GENERAL NOTES, LEGEND & ABBREVIATIONS
2. PLAN DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NO ILLUSTRATE ALL SPECIFIC DUCT TAKE-OFF CONFIGURATIONS, TAPS, ETC. PROVIDE FLEXIBLE DUCTWORK RUNOUTS TO ALL SUPPLY AND RETURN GRILLES WITH A MAXIMUM LENGTH OF 5 FEET AND SINGLE BENDS NO GREATER THAN 45 DEGREES. REFER TO PROJECT SPECIFICATIONS AND DUCTWORK DETAILS FOR SPECIFIC REQUIREMENTS.

PLAN NOTES

1. PROVIDE ABOVE CEILING SUPPLY AND RETURN DUCTWORK, FROM AIR HANDLER IN MECHANICAL ROOM TO VAV BOXES AND DIFFUSERS.
2. PROVIDE VAV TERMINAL UNIT, WITH HOT WATER COIL FOR HEATING. COORDINATE EXACT LOCATION AND MOUNTING REQUIREMENTS TO PROVIDE MANUFACTURER REQUIRED CLEARANCES AND ACCESS FOR MAINTENANCE. (TYPICAL)

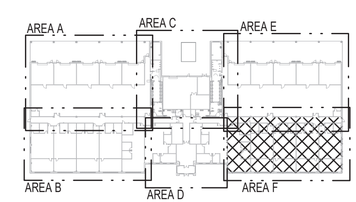


A1 FIRST FLOOR PLAN - MECHANICAL - AREA F

1/8" = 1'-0"

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

8' 0 4' 8' 16'



A5 KEY PLAN

NTS

SYM	DESCRIPTION	DATE	APPR
1	EQUIPMENT COORDINATION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 035500 ENGINEER JAMES W. MERRITT

06-04-26

SEAL

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A/E INFO

APPROVED

FOR COMMANDER NAVFAC 6/10/2026

ACTIVITY

SATISFACTORY TO

DES	MPM	DRW	MAS	CHK	LWM

PM/DM	SLG/MDM
BRANCH MANAGER	ALG
CHIEF ENG/ARCH	JWJ
FIRE PROTECTION	HPN

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

FIRST FLOOR PLAN - MECHANICAL - AREA F

SCALE:	AS INDICATED
EPROJECT NO.:	1701820
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12903623
SHEET	172 OF 283

A2

CO BLDG

MH106

FINAL SUBMITTAL

DRAWFORM REVISION: 25 AUGUST 2020

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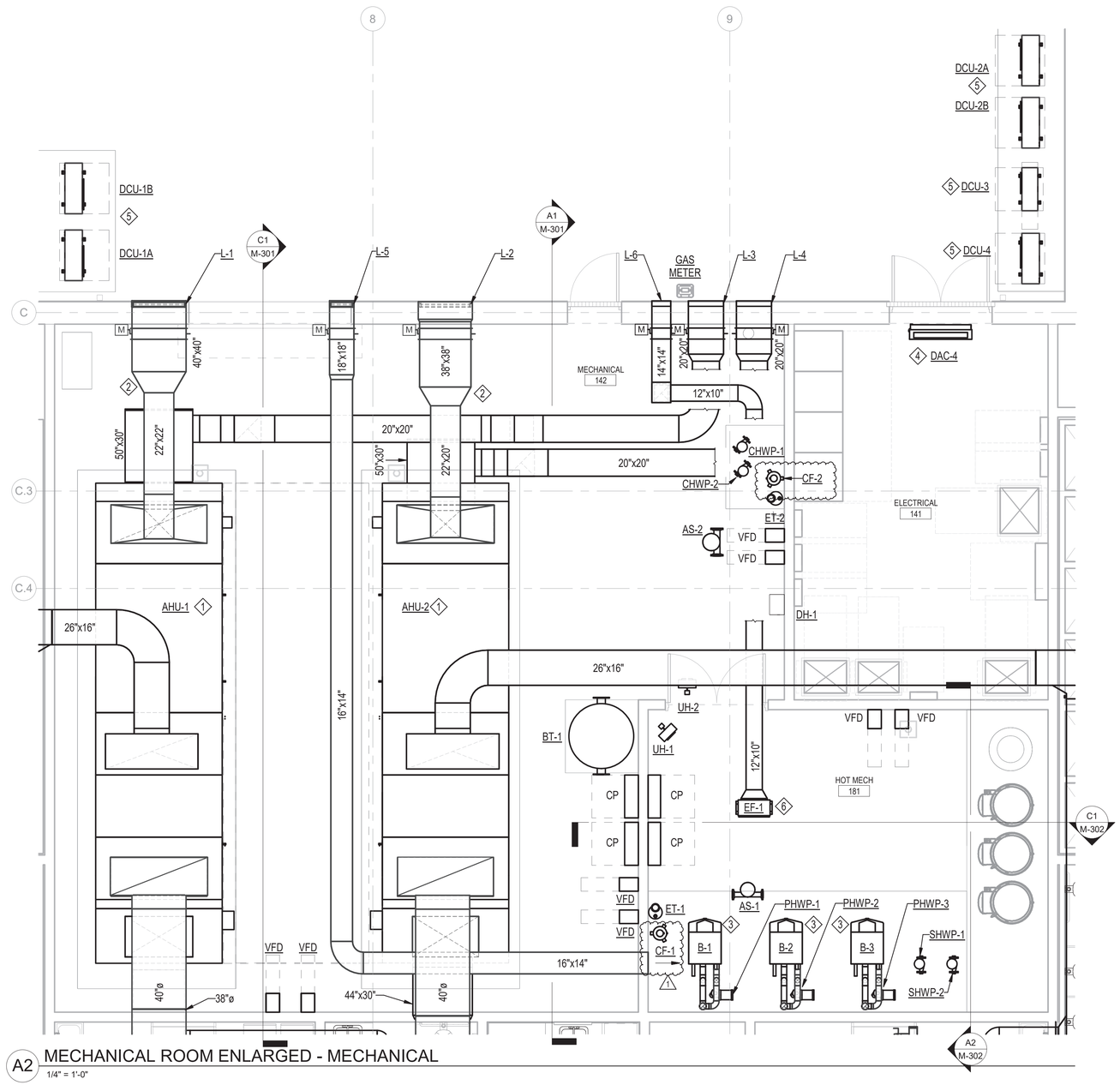

A2 MECHANICAL ROOM ENLARGED - MECHANICAL

1/4" = 1'-0"

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

4' 0 2' 4' 8'

GENERAL NOTES:

1. SEE SHEET M-001 FOR GENERAL NOTES, LEGEND & ABBREVIATIONS
2. PLAN DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NO ILLUSTRATE ALL SPECIFIC DUCT TAKE-OFF CONFIGURATIONS, TAPS, ETC. PROVIDE FLEXIBLE DUCTWORK RUNOUTS TO ALL SUPPLY AND RETURN GRILLES WITH A MAXIMUM LENGTH OF 5 FEET AND SINGLE BENDS NO GREATER THAN 45 DEGREES. REFER TO PROJECT SPECIFICATIONS AND DUCTWORK DETAILS FOR SPECIFIC REQUIREMENTS.

PLAN NOTES

1. PROVIDE FLOOR MOUNTED MODULAR AIR HANDLER, MOUNTED ON CONCRETE PAD. PROVIDE CLEARANCES AROUND UNIT AS SHOWN. CONNECT SUPPLY, RETURN, EXHAUST AND OUTSIDE AIR DUCTS TO UNIT AS SHOWN.
2. CONNECT OUTSIDE AIR DUCT FROM AIR HANDLER TO LOUVER ON EXTERIOR WALL.
3. PROVIDE BOILER MOUNTED ON CONCRETE PAD. ROUTE BOILER INTAKE AND EXHAUST FLUE TO ROOF.
4. PROVIDE DUCTLESS SPLIT AIR HANDLER OVER ELECTRICAL ROOM DOOR. COORDINATE EXACT LOCATION OF AIR HANDLING UNIT WITH ALL OTHER EQUIPMENT TO BE INSTALLED WITHIN THE ROOM. ROUTE REFRIGERANT LINES TO GRADE MOUNTED CONDENSING UNIT. ROUTE CONDENSATE LINES TO EXTERIOR AND TERMINATE ON GRADE.
5. PROVIDE CONDENSING UNIT ON GRADE MOUNTED CONCRETE PAD PER MANUFACTURER'S CLEARANCES.
6. PROVIDE INLINE EXHAUST FAN SERVING HOT MECHANICAL ROOM. ROUTE EXHAUST DUCTWORK AS SHOWN TO EXTERIOR WALL LOUVER (L-6).

SYM	DESCRIPTION	DATE	APPR
1	EQUIPMENT COORDINATION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 026500 ENGINEER JAMES W. MERRITT

06-04-26

SEAL

CRENSHAW CONSULTING Engineers
NC LICENSE #C-1164 www.crenshawconsulting.com 3916 Bush Street, Suite 200 Raleigh, North Carolina 27609 919-871-1070 Fax 871-5620

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 6/10/2026

ACTIVITY

SATISFACTORY TO

DES	MPM	DRW	MAS	CHK	LWM
PM/DM	SLG/MDM				
BRANCH MANAGER	ALG				
CHIEF ENG/ARCH	JWJ				
FIRE PROTECTION	HPN				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA.
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

MECHANICAL ROOM AND CHILLER YARD ENLARGED - MECHANICAL

SCALE: AS INDICATED

EPROJECT NO.: 1701820

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12903624

SHEET 173 OF 283

A2

CO BLDG

MH401

FINAL SUBMITTAL

DRAWFORM REVISION: 25 AUGUST 2020

File Path: M:\Camp Lejeune\MARSOC SOF Marine Bn HQ_Team (P-1550)\A2 CO_TEAM
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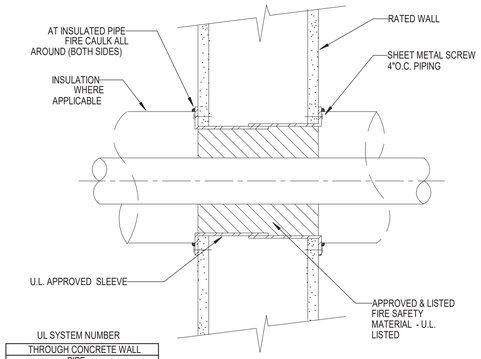
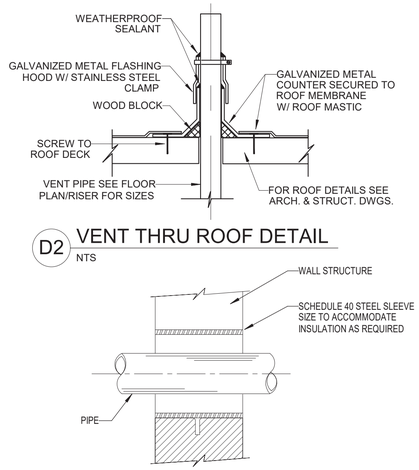


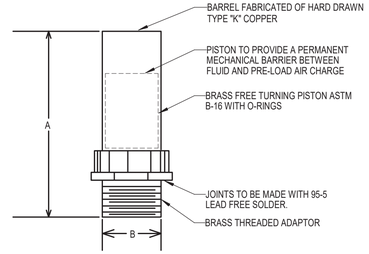
UL SYSTEM NUMBER
THROUGH CONCRETE WALL
PIPE
W-J-1010
THROUGH STUD WALL
PIPE
W-L-5039

C1 PIPE THRU FIRE WALL DETAIL
NTS



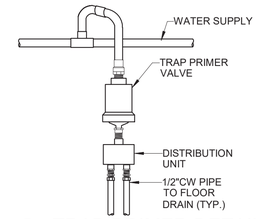
D2 VENT THRU ROOF DETAIL
NTS

C2 PIPE THRU NON-RATED WALL DETAIL
NTS

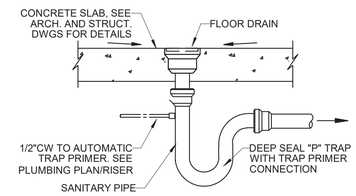


NPT SIZE	P.D.I. SYMBOL	FIXTURE UNIT RATINGS	A SIZE	B SIZE
1/2"	A	1 - 11	5"	1/2"
3/4"	B	12 - 32	5"	3/4"
1"	C	33 - 60	7"	1"
1-1/4"	D	60 - 113	7"	1-1/4"
1-1/2"	E	114 - 154	9"	1-1/2"
2"	F	155 - 330	9"	2"

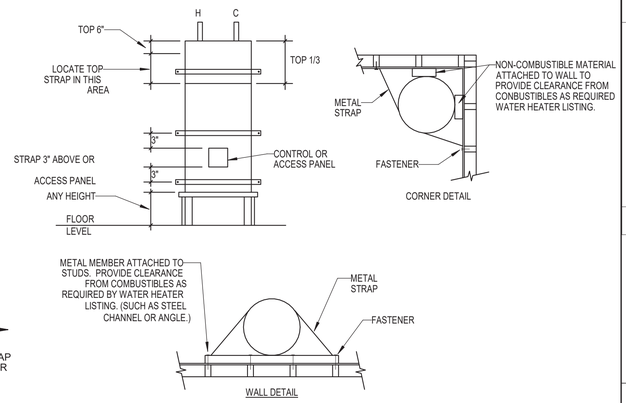
C3 SHOCK ABSORBER DETAIL
NTS



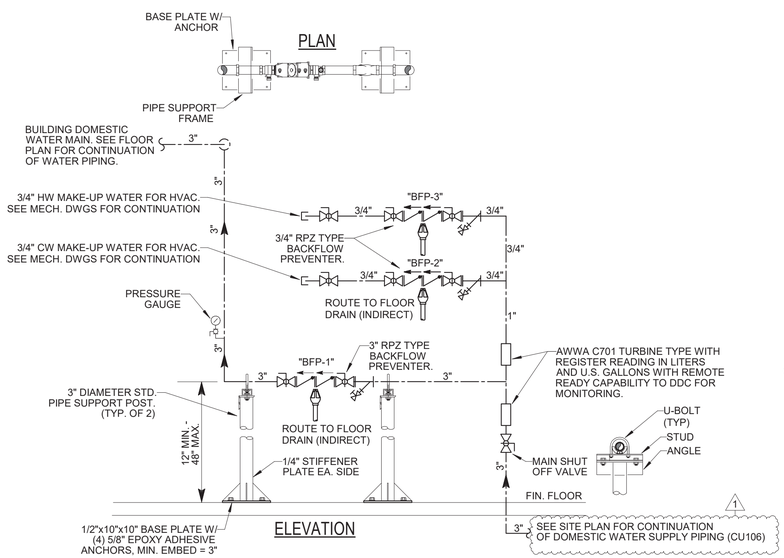
D4 TRAP PRIMER DETAIL
NTS



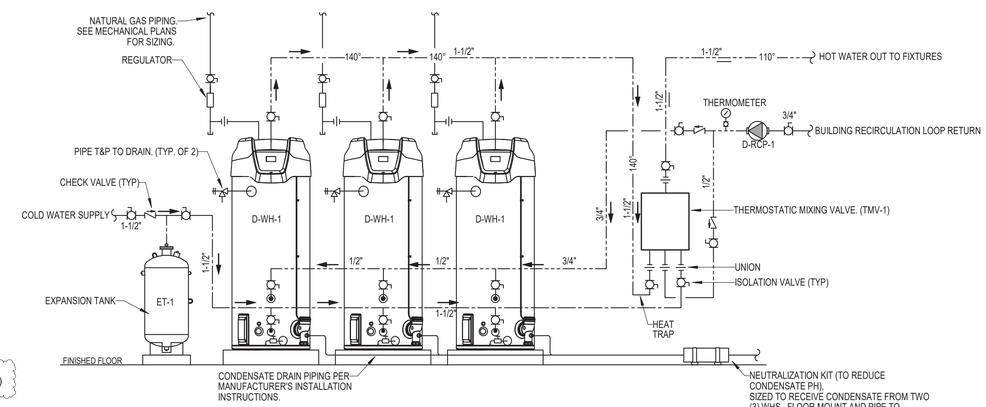
C4 FLOOR DRAIN DETAIL
NTS



C5 SEISMIC BRACING DETAIL
NTS



B1 BACKFLOW PREVENTER DETAIL
NTS



B3 WATER HEATER DETAIL
NTS

SYM	DESCRIPTION	DATE	APPR
1	UTILITY COORDINATION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 28374 JONATHAN D. LEHMAN 6-4-26

CRENSHAW CONSULTING Engineers
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www.crenshawconsulting.com
3516 Bush Street, Suite 200
Raleigh, North Carolina 27609
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A/E INFO

APPROVED
FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO

DES PRC	DRW DJG	CHK JDL	
PM/DM			SGL/MDM
BRANCH MANAGER			ALG
CHIEF ENG/ARCH			JWJ
FIRE PROTECTION			HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA.
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

PLUMBING DETAILS

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12903603
SHEET 152 OF 283

A2
CO BLDG

P-501

FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020

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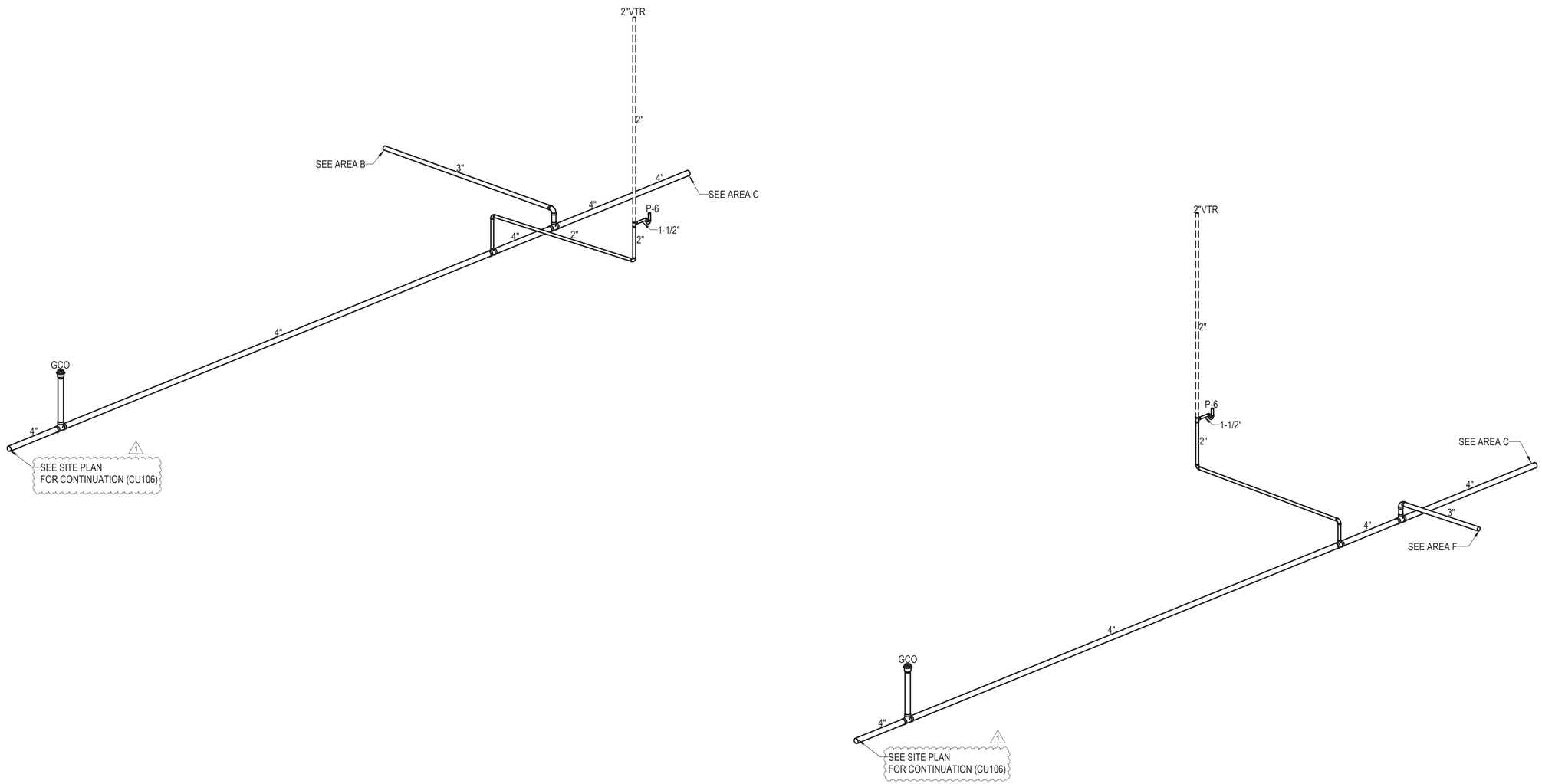

A3 3D RISER - AREA D - WASTE AND VENT
NTS

SYM	DESCRIPTION	DATE	APPR
1	UTILITY COORDINATION	04 JUN 2026	

NAVFAC

NORTH CAROLINA
28374
PROFESSIONAL ENGINEER
JONATHAN D. LEHMAN
6-9-26
SEAL

CRENSHAW CONSULTING Engineers
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SATISFACTORY TO

DES PRC	DRW DJG	CHK JDL	
PM/DM			SGL/MDM
BRANCH MANAGER			ALG
CHIEF ENG/ARCH			JWJ
FIRE PROTECTION			HPN

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NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
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MARINE CORPS BASE
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER
BATTALION / COMPANY / TEAM FACILITIES

RISER DIAGRAM - AREA D - WASTE AND VENT

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12903608
SHEET 157 OF 283

A2
CO BLDG

P-704

FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020

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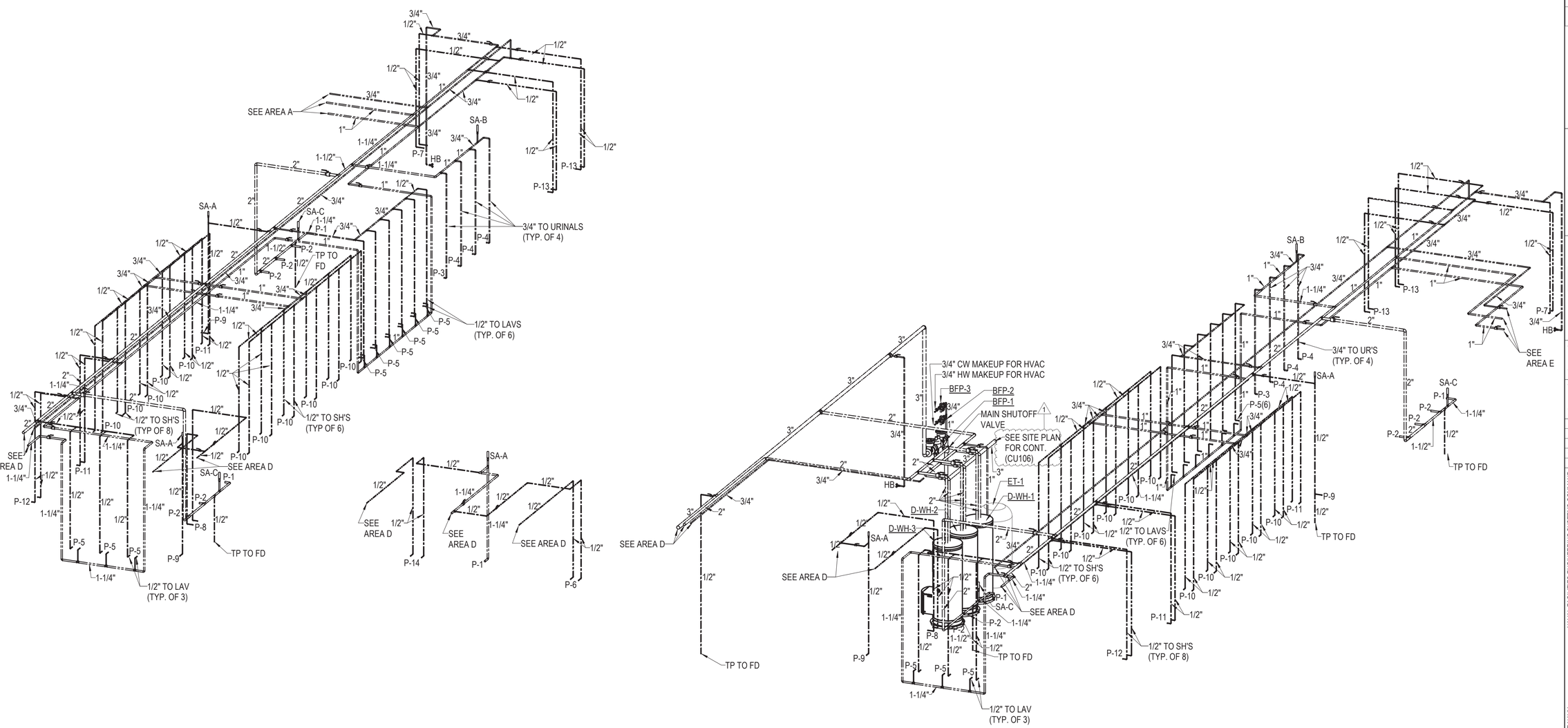

A3 3D RISER - AREA C - WATER
NTS

SYM	DESCRIPTION	DATE	APPR
1	UTILITY COORDINATION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 28374 JONATHAN D. LEHMAN 6-4-26

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A/E INFO

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FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO
DES PRC DRW DJG CHK JDL
PM/DM SGL/MDM
BRANCH MANAGER ALG
CHIEF ENG/ARCH JWJ
FIRE PROTECTION HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

RISER DIAGRAM - AREA C - WATER

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12903613
SHEET 162 OF 283
A2
CO BLDG
P-709

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DRAWFORM REVISION: 25 AUGUST 2020

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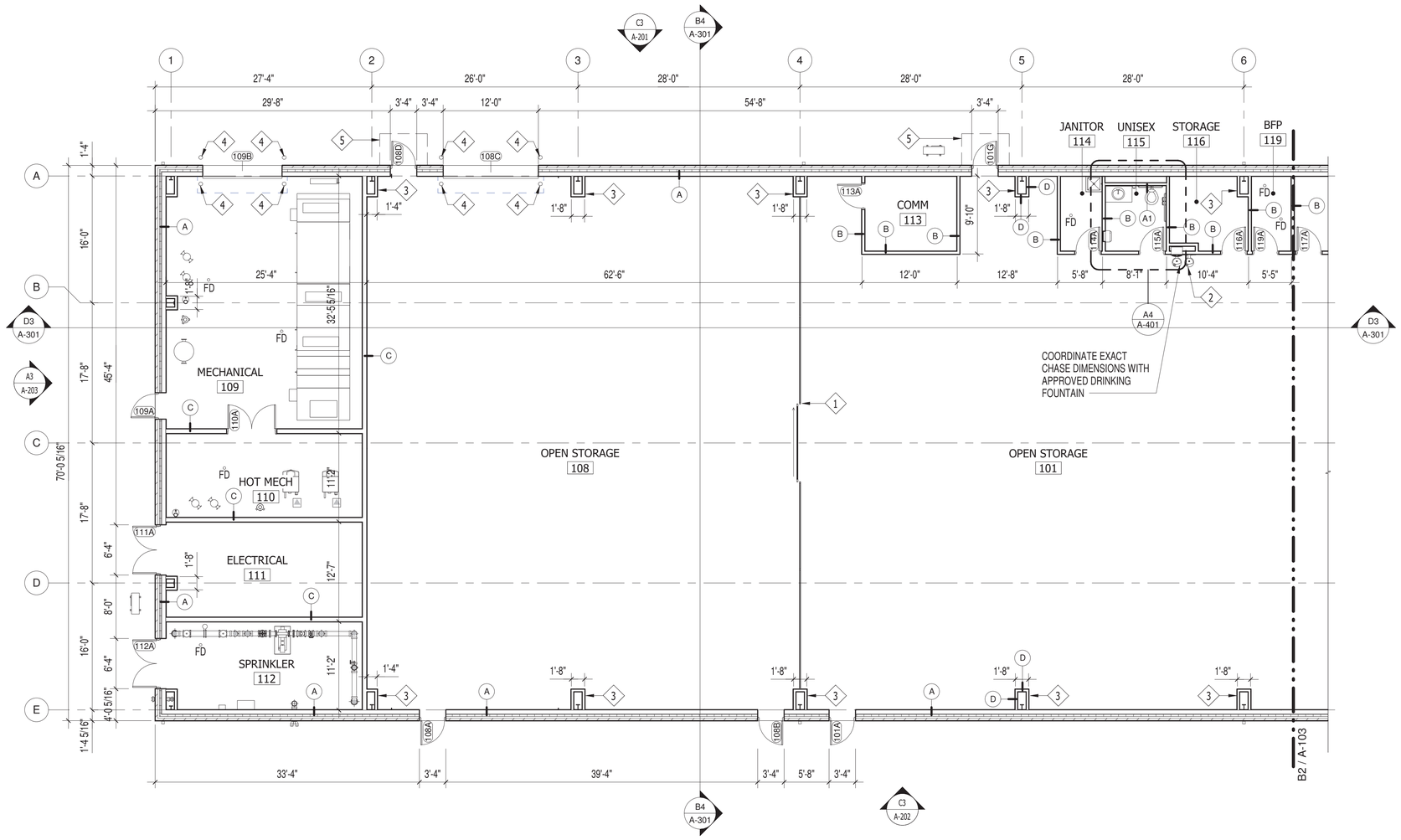


B1 FLOOR PLAN - AREA A

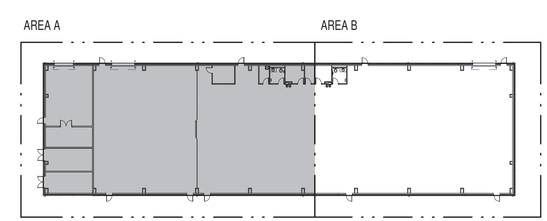
SCALE: 1/8" = 1'-0"

CONSTRUCTION KEYNOTES

1. WIRE MESH PARTITION. EXTEND TO THE UNDERSIDE OF THE STRUCTURE ABOVE
2. ACCESSIBLE ELECTRIC WATER COOLER
3. COLUMN ENCLOSURE. SEE DETAIL
4. BOLLARD
5. METAL BUILDING CANOPY ABOVE

GENERAL CONSTRUCTION NOTES

1. REFERENCE SHEET A-001 FOR SYMBOL LEGEND
2. REFERENCE SHEET A-501 FOR WALL TYPES
3. REFERENCE SHEET A-601 FOR DOOR AND FRAME SCHEDULE
4. REFERENCE SHEET A-60X FOR WINDOW SCHEDULE
5. REFERENCE INTERIOR DESIGN DRAWINGS FOR FINISH SCHEDULE
6. REFERENCE INTERIORS DRAWINGS FOR CASEWORK DIMENSIONS AND DETAILS
7. REFERENCE THE LIFE SAFETY DRAWINGS FOR LOCATIONS OF RATED WALLS AND SMOKE PARTITIONS
8. REFERENCE SHEET A-104 FOR AIR AND MOISTURE BARRIER PLAN AND DETAILS
9. DIMENSIONS ARE TAKEN FROM FACE OF METAL STUD AND FACE OF CMU
10. PROVIDE TREATED WOOD BLOCKING TO SUPPORT WALL MOUNTED AND RECESSED FIXTURES, ACCESSORIES, FLAT PANEL DISPLAY MOUNTS, ETC. FOLLOW MANUFACTURERS RECOMMENDATIONS
11. SLOPE SETTING BED FLOORS 1/8" MINIMUM TO ALL FLOOR DRAINS
12. PROVIDE FULL HEIGHT STAINLESS STEEL CORNER GUARDS AT EXPOSED CORNERS OF GYPSUM PARTITIONS
13. PROVIDE FIRE RATED PLYWOOD BACKBOARD AT COMM ROOMS
14. PROVIDE CONCRETE SPLASH BLOCKS AT ALL DOWNSPOUT LOCATIONS WHERE NOT CONNECTED TO STORM DRAIN PIPING



KEY PLAN

1" = 40'

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

8' 0 4' 8' 16'

GRAPHIC SCALE: 1"=40'

40' 0 40' 80'

SYM	REVISIONS	DESCRIPTION	DATE	APPR
1			2026.06.04	

NAVFAC

DARDEN J. EURE III REGISTERED ARCHITECT 8840 NORTH CAROLINA NEW BERN NC

08 MAY 2026 SEAL

mbf architects pa

317-C Pollock Street | New Bern, NC 28560
252.637.6373 | mbfarchitects.com

A/E INFO

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FOR COMMANDER NAVFAC 6/10/2026

ACTIVITY

SATISFACTORY TO

DES	REL	DRW	ESS	CHK	DJE,III

PM/DM	SGL/MDM
BRANCH MANAGER	DJD
CHIEF ENG/ARCH	JWJ
FIRE PROTECTION	HPN

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

FLOOR PLAN - AREA A

SCALE:	AS INDICATED
EPROJECT NO.:	1701820
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12903762
SHEET	20 OF 122

A3
CO STG

A-102 1

MBF ARCHITECTS P.A. REGISTERED ARCHITECTURAL CORPORATION CERT. NO. 50679 NORTH CAROLINA NEW BERN, N.C.

FINAL SUBMITTAL

DRAWFORM REVISION: 25 AUGUST 2020

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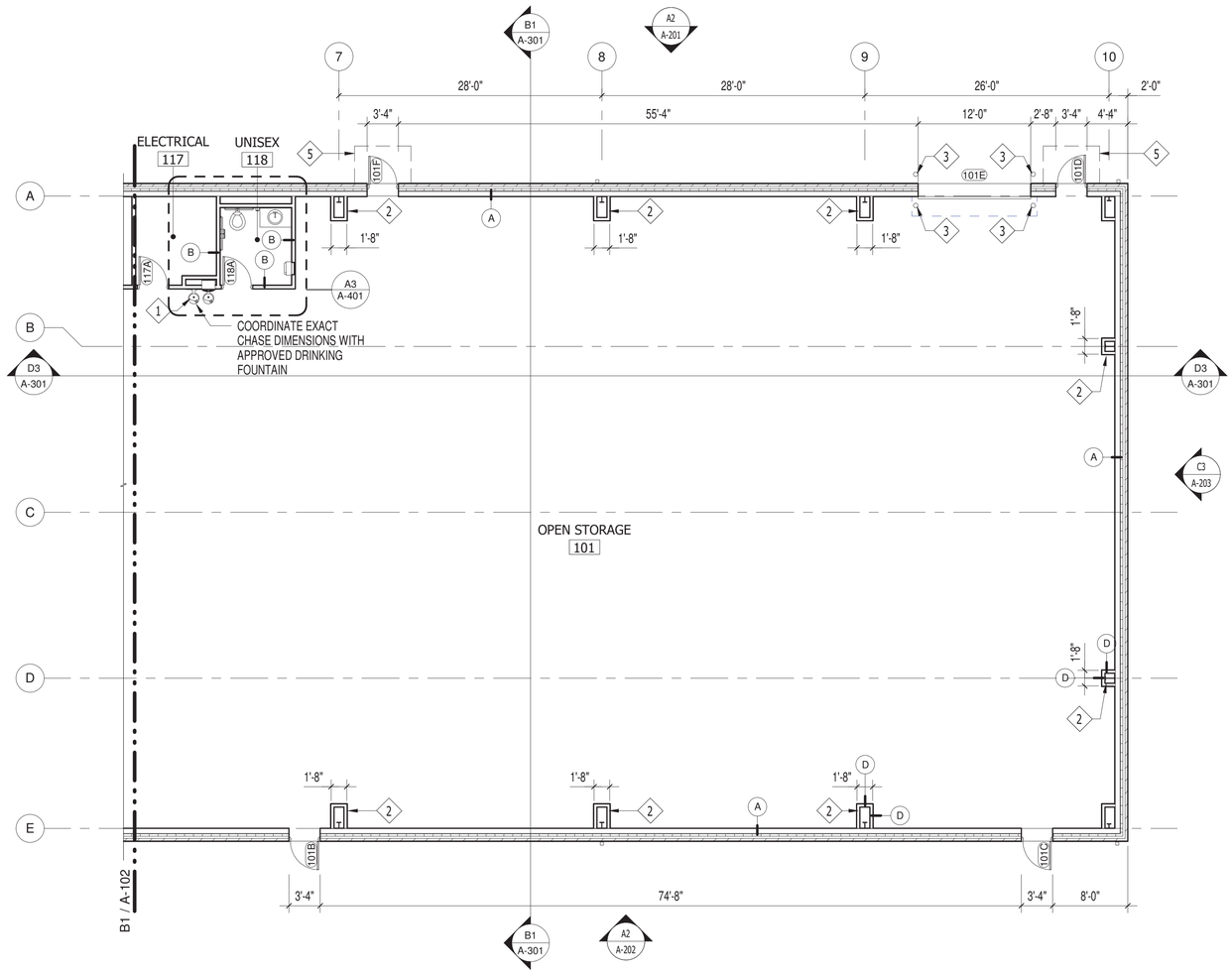


B2 FLOOR PLAN - AREA B

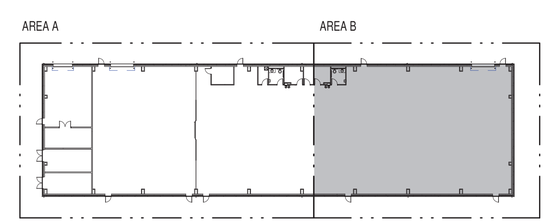
SCALE: 1/8" = 1'-0"

CONSTRUCTION KEYNOTES

1. ACCESSIBLE ELECTRIC WATER COOLER
2. COLUMN ENCLOSURE. SEE DETAIL
3. BOLLARD

GENERAL CONSTRUCTION NOTES

1. REFERENCE SHEET A-001 FOR SYMBOL LEGEND
2. REFERENCE SHEET A-501 FOR WALL TYPES
3. REFERENCE SHEET A-601 FOR DOOR AND FRAME SCHEDULE
4. REFERENCE SHEET A-60X FOR WINDOW SCHEDULE
5. REFERENCE INTERIOR DESIGN DRAWINGS FOR FINISH SCHEDULE
6. REFERENCE INTERIORS DRAWINGS FOR CASEWORK DIMENSIONS AND DETAILS
7. REFERENCE THE LIFE SAFETY DRAWINGS FOR LOCATIONS OF RATED WALLS AND SMOKE PARTITIONS
8. REFERENCE SHEET A-104 FOR AIR AND MOISTURE BARRIER PLAN AND DETAILS
9. DIMENSIONS ARE TAKEN FROM FACE OF METAL STUD AND FACE OF CMU
10. PROVIDE TREATED WOOD BLOCKING TO SUPPORT WALL MOUNTED AND RECESSED FIXTURES, ACCESSORIES, FLAT PANEL DISPLAY MOUNTS, ETC. FOLLOW MANUFACTURERS RECOMMENDATIONS
11. SLOPE SETTING BED FLOORS 1/8" MINIMUM TO ALL FLOOR DRAINS
12. PROVIDE FULL HEIGHT STAINLESS STEEL CORNER GUARDS AT EXPOSED CORNERS OF GYPSUM PARTITIONS
13. PROVIDE FIRE RATED PLYWOOD BACKBOARD AT COMM ROOMS
14. PROVIDE CONCRETE SPLASH BLOCKS AT ALL DOWNSPOUT LOCATIONS WHERE NOT CONNECTED TO STORM DRAIN PIPING



KEY PLAN 1" = 40'

GRAPHIC SCALE: 1/8"=1'-0" 8' 0 4' 8' 16'

GRAPHIC SCALE: 1"=40' 40' 0 40' 80'

MBF ARCHITECTS P.A. REGISTERED ARCHITECTURAL CORPORATION CERT. NO. 50679 NORTH CAROLINA NEW BERN N.C.

SYM	REVISIONS	DESCRIPTION	DATE	APPR
1			2026.06.04	

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A/E INFO

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FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO

DES	REL	DRW	ESS	CHK	DJE,III
PM/DM					SGL/MDM
BRANCH MANAGER					DJD
CHIEF ENG/ARCH					JWJ
FIRE PROTECTION					HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

FLOOR PLAN - AREA B

SCALE:	AS INDICATED
EPROJECT NO.:	1701820
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12903763
SHEET	21 OF 122

A3
CO STG

A-103 1

FINAL SUBMITTAL

DRAWFORM REVISION: 25 AUGUST 2020

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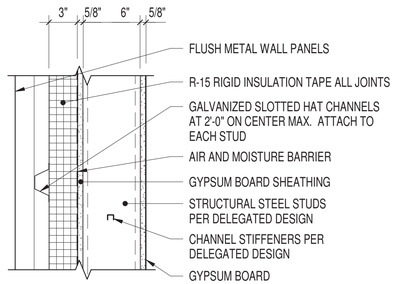
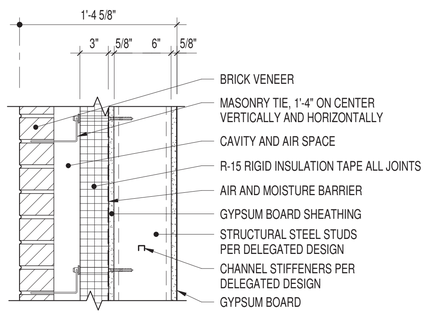
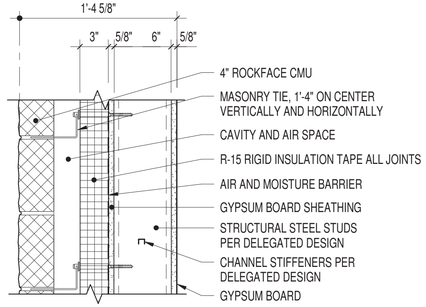


WALL - UPPER



WALL - MID

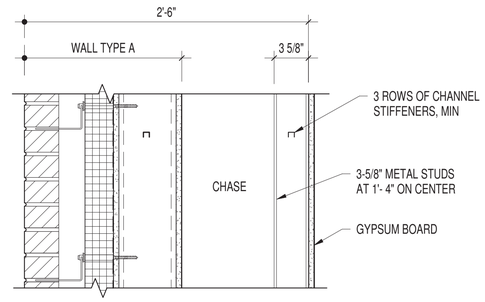


WALL - BASE

NOTES:
1. REFERENCE THE BUILDING SECTIONS FOR HEIGHT OF TRANSITION BETWEEN LOWER AND UPPER WALL CONSTRUCTION

A — 6" METAL STUD EXTERIOR WALL

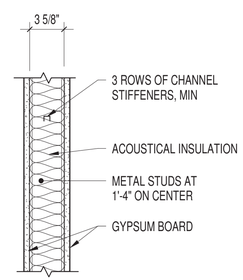
SCALE: 1 1/2" = 1'-0"



NOTES:
1. PROVIDE 5/8" CEMENTITIOUS BACKER BOARD IN LIEU OF 5/8" GYPSUM BOARD AT WALLS TO RECEIVE PORCELAIN WALL TILE.

A1 EXTERIOR WALL WITH CHASE

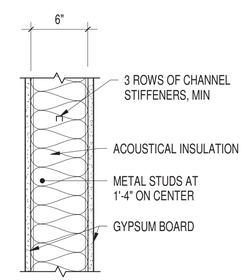
SCALE: 1 1/2" = 1'-0"



NOTES:
1. UTILIZE UL ASSEMBLY U 419 1/2 HOUR AND 1 HOUR RATED WALL LOCATIONS

B — 3 5/8" INTERIOR PARTITION

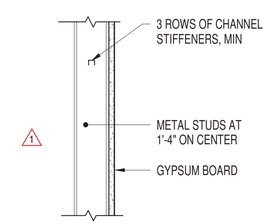
SCALE: 1 1/2" = 1'-0"



NOTES:
1. UTILIZE UL ASSEMBLY U 419 1/2 HOUR AND 1 HOUR RATED WALL LOCATIONS

C — 6" INTERIOR PARTITION

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



D — 3 5/8" CHASE WALL

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

WALL TYPE NOTES:

1. WALL TYPES AS INDICATED ON FLOOR PLANS
2. GYPSUM BOARD IS TO BE 5/8",TYPE X, MOISTURE RESISTANT, HIGH IMPACT UNLESS SPECIFICALLY NOTED OTHERWISE
3. PROVIDE 5/8" CEMENTITIOUS BACKER BOARD WHERE CERAMIC TILE IS SCHEDULED ON WALLS
4. SMOKE PARTITIONS AND RATED WALLS MUST BE PROPERLY SEALED TO THE UNDERSIDE OF THE DECK ABOVE. PROVIDE SCHEDULE 40 SLEEVES AT PIPE PENETRATIONS IN RATED PARTITIONS AND SEAL ANNULAR SPACE WITH RATED SEALANT. REFERENCE MECHANICAL DRAWINGS FOR MECHANICAL DUCT DAMPER LOCATIONS. REFERENCE THE LIFE SAFETY DRAWINGS FOR RATED WALL AND SMOKE PARTITION LOCATIONS
5. WALL FRAMING MUST BE EXTENDED TO THE UNDERSIDE OF THE DECK ABOVE AT ALL LOCATIONS FOR BRACING. EXTEND GYPSUM BOARD TO FULL HEIGHT OF WALLS
6. WALLS, INCLUDING GYPSUM BOARD WHERE SCHEDULED, AT MECHANICAL ROOMS, ELECTRICAL ROOMS, EQUIPMENT ROOMS, JANITOR CLOSETS, TOILETS AND CORRIDORS MUST BE EXTENDED TO THE UNDERSIDE OF THE DECK ABOVE UNLESS NOTED OTHERWISE. INSTALL AIR BARRIER SEALANT PERIMETER OF WALL

GRAPHIC SCALE: 1 1/2"=1'-0"
1' 6" 3" 0 1'

MBF ARCHITECTS P.A. REGISTERED ARCHITECTURAL CORPORATION CERT. NO. 50679 NORTH CAROLINA NEW BERN NC

SYM	REVISIONS	DESCRIPTION	DATE	APPR
1			2026.06.04	

NAVFAC

DARDEN J. EURE, III REGISTERED ARCHITECT 8840 NORTH CAROLINA NEW BERN NC
08 MAY 2026 SEAL

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317-C Pollock Street | New Bern, NC 28560
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A/E INFO

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FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO
DES REL DRW ESS CHK DJE,III
PM/DM SGL/MDM
BRANCH MANAGER DJD
CHIEF ENG/ARCH JWJ
FIRE PROTECTION HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MIDATLANTIC
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC
P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES
WALL TYPE DETAILS

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12903775
SHEET 33 OF 122
A3
CO STG
A-501

FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020

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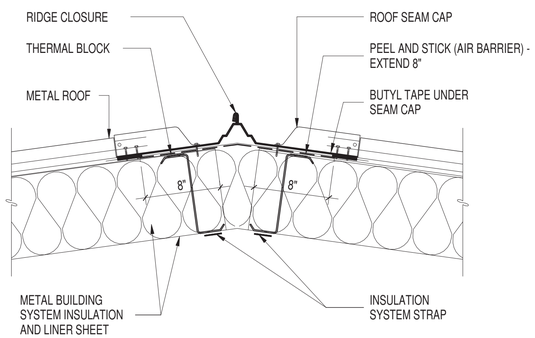
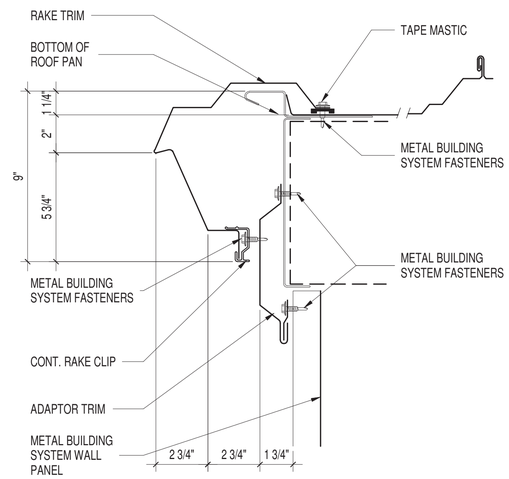


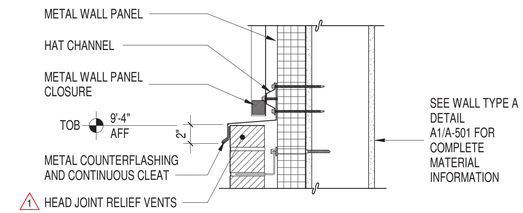
C1 ROOF RIDGE DETAIL

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



C3 RAKE DETAIL

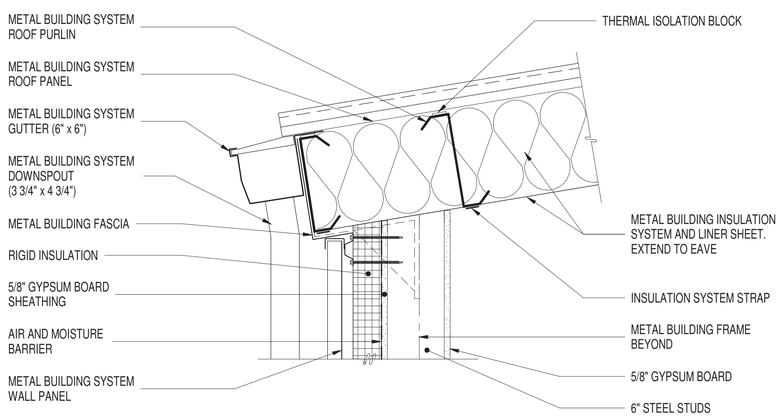
SCALE: 3" = 1'-0"



NOTES:
1. PREDRILL FASTENERS IN BRICK MASONRY
2. FASTEN CLEAT AT 2'-0" ON CENTER
3. COUNTERFLASHING LAP JOINTS MUST PROVIDE 4" MINIMUM OVERLAP. PROVIDE CONCEALED SEALANT AT LAPS

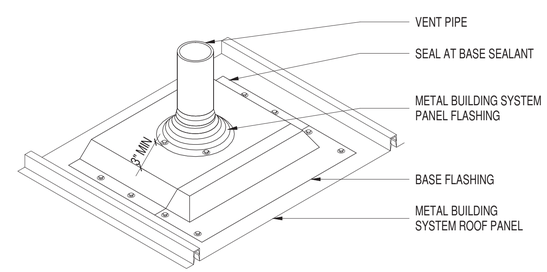
C4 COUNTERFLASHING DETAIL

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



A2 TYPICAL EAVE DETAIL

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



NOTE:
1. PENETRATIONS SHOULD BE CENTERED IN PANELS
2. ATTACH ROOF JACK TO STANDING SEAM ROOF PANEL ONLY

A4 PIPE FLASHING

SCALE: 3" = 1'-0"

GRAPHIC SCALE: 1 1/2"=1'-0"
1' 6" 3" 0 1'

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

MBF ARCHITECTS P.A. REGISTERED ARCHITECTURAL CORPORATION CERT. NO. 50679 NORTH CAROLINA NEW BERN N.C.

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1			2026.06.04	

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DARDEN J. EURE III REGISTERED ARCHITECT 8840 NORTH CAROLINA NEW BERN NC
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317-C Pollock Street | New Bern, NC 28560
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A/E INFO

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DES	REL	DRW	ESS	CHK	DJE,III
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BRANCH MANAGER					DJD
CHIEF ENG/ARCH					JWJ
FIRE PROTECTION					HPN

DEPARTMENT OF THE NAVY
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P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

ROOF DETAILS

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12903780
SHEET 38 OF 122
A-506

A3
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AIR HANDLING UNIT SCHEDULE

MARK	SUPPLY FAN SA CFM MAX	SUPPLY FAN SA CFM MIN	SUPPLY FAN E.S.P. "WC	SUPPLY FAN T.S.P. "WC	SUPPLY FAN RA CFM MAX	SUPPLY FAN RA CFM MIN	SUPPLY FAN OA CFM MIN	SUPPLY FAN BHP	EXHAUST FAN EA CFM	EXHAUST FAN E.S.P. "WC	EXHAUST FAN T.S.P. "WC	EXHAUST FAN BHP	PREHEAT HEATING COIL SECTION (HOT WATER) CAP. MBH	PREHEAT OA EAT (DB) °F	PREHEAT OA LAT (DB) °F	PREHEAT EWT/LWT °F	PREHEAT WATER PD FT. MAX	PREHEAT GPM	COOLING COIL SECTION (CHILLED WATER) CAPACITY TOTAL	CAPACITY SENS.	OA EAT (DB) °F	OA EAT (WB) °F	RA EAT (DB) °F	RA EAT (WB) °F	MA EAT (DB) °F	MA EAT (WB) °F	MA EAH	CC LA LAT (DB) °F	CC LA LAT (WB) °F	CC LA LAH	WATER TEMP. (°F) EWT	WATER TEMP. (°F) LWT	WATER PD FT. MAX	AIR VEL. FPM, MAX	MIN. NUM. OF ROWS	COOLING GPM	REHEAT HEATING COIL SECTION (HW) CAP. MBH	REHEAT EAT/LAT °F	REHEAT EWT/LWT °F	REHEAT WATER PD FT. MAX	REHEAT GPM	ELECTRICAL SUPPLY MCA/MOP	ELECTRICAL EXHAUST MCA/MOP	ELECTRICAL MARINE LIGHTS MCA/MOP	ELECTRICAL V/PH	UNIT WEIGHT (LBS)	VIBRATION ISOLATION TYPE	REMARKS
AHU-1	10725	5350	1.25	4.92	8725	3350	2000	3 @ 6.03	1600	1.00	1.99	4.02	71.3	22.0	55.0	140 / 110	5.00	4.8	400.1	277.0	91.0	77.0	76.0	63.4	78.8	66.3	30.9	55.0	54.0	22.6	44.0	54.0	5.00	500	6	80.0	463.3	55.0 / 95.0	140 / 110	5.0	30.89	44.5 / 50.0	11.6 / 20.0	3.3 / 15.0	208/3	6900	D	1-13
																			417.0	261.8	84.0	78.6	76.0	63.4	77.5	66.6	31.3	55.0	54.0	22.6	44.0	54.0	5.00	500	6	83.4												
													71.3					**4.8**	**417.0**																	**83.4**	**463.3**				**30.9**						

REMARKS:
1. PROVIDE WITH 2" MERV 8 FILTERS ON THE EXHAUST AND 2" MERV 8 PREFILTERS & 2" MERV 13 FINAL FILTERS ON THE RETURN AND OUTSIDE AIR INTAKE. SCHEDULED TOTAL STATIC PRESSURE (TSP) INCLUDES FILTER LOADING AT MID-LIFE OPERATION.
2. PROVIDE PREMIUM EFFICIENCY MOTORS FOR SUPPLY AND EXHAUST FANS, COMPATIBLE WITH VARIABLE AIR VOLUME (VAV) OPERATION.
3. PROVIDE WITH CLASS 1A LOW LEAKAGE DAMPERS ON THE EXHAUST DISCHARGE AND OUTSIDE AIR INTAKE UNIT CONNECTIONS. DAMPERS MUST BE HARDWIRED TO ATFP SWITCH.
4. PROVIDE UNIT WITH VERTICAL SUPPLY DISCHARGE, EXHAUST INLET, RETURN INLET AND OUTSIDE AIR INLET DUCT CONNECTION AND HORIZONTAL EXHAUST DISCHARGE DUCT CONNECTIONS. UNIT MUST HAVE 2" DOUBLE WALL CONSTRUCTION.
5. CONTRACTOR MUST VERIFY THAT UNIT CAN BE INSTALLED IN LOCATION SHOWN ON DRAWINGS PRIOR TO SUBMITTING FOR APPROVAL.
6. PROVIDE 6000 HR SALT SPRAY PROTECTIVE COATING FOR ALL COIL SECTIONS.
7. UNIT MUST HAVE CROSSFLOW FIXED PLATE TOTAL ENTHALPY HEAT EXCHANGER.
8. PROVIDE UNIT WITH SEPARATE POWER CONNECTIONS FOR THE SUPPLY FAN, THE EXHAUST FAN AND THE MARINE LIGHTS. PROVIDE MARINE LIGHTS FOR ALL SECTIONS FAN AND ACCESS SECTIONS.
9. COIL CAPACITIES MUST BE DESIGNED AROUND HEAT EXCHANGER FAILURE. UNIT MUST MEET CAPACITY AND PERFORMANCE REQUIREMENTS AT BOTH OUTDOOR AMBIENT CONDITIONS SCHEDULED.
10. MAXIUMUM ALLOWABLE DISCHARGE OR RADIATED NOISE CRITERIA (NC) = 30.
11. EQUIPMENT SUPPORTS TO HAVE VIBRATION ISOLATION. SEE VIBRATION ISOLATION DETAIL FOR MORE INFORMATION.
12. AIR HANDLER DESIGNED WITH A FOULING FACTOR OF 0.00025 FT^2-HR-°F/BTU FOR ALL COILS.
13. REFER TO CONTROL VALVE SCHEDULE FOR MORE INFORMATION.

TOTAL ENERGY HEAT EXCHANGER

MARK	SUMMER OA DB	SUMMER OA WB	SUMMER EA DB	SUMMER EA %RH	SUMMER SA DB	SUMMER SA WB	WINTER OA DB	WINTER OA WB	WINTER EA DB	WINTER EA %RH	WINTER SA DB	WINTER SA WB	HX EFF. SUMMER/ WINTER %
AHU-1	84.0	78.6	76.0	50.0	80.0	71.6	22.0	19.1	70.0	35.0	46.0	39.0	50.0%
HX EFFECTIVENESS VALUES SHOWN ARE MINIMUM PERFORMANCE REQUIREMENTS.													

LOUVER SCHEDULE

MARK	SERVES	FLOW	SIZE WxH (in.)	FREE AREA REQUIRED (s.f.)	MAX AIR VELOCITY (fpm)	CFM	MAX AIR PD	REMARKS
L-1	AHU-1	EXHAUST	40X24	1.78	900	1600	0.15	1,2,3,4
L-2	AHU-1	INTAKE	48X24	2.86	700	2000	0.15	1,2,3,4
L-3	EF-1	EXHAUST	26X14	0.85	650	550	0.05	1,2,3,4
L-4	EF-1	INTAKE	26X14	0.85	650	550	0.05	1,2,3,4

REMARKS :
1. PROVIDE FULL SIZE PLENUM, BIRDSCREEN AND CLASS 1A MOTORIZED DAMPER BEHIND LOUVER AND PAINT INSIDE OF PLENUM FLAT BLACK
2. VERIFY FINAL AIR VELOCITIES TO ENSURE THEY DO NOT EXCEED RATED WATER PENETRATION VELOCITIES.
3. REFER TO ARCHITECTURE FOR EXTERIOR FINISH.
4. MAXIMUM ALLOWABLE DISCHARGE OR RADIATED NOISE CRITERIA (NC) = 30.

AIR DISTRIBUTION SCHEDULE

MARK	DESCRIPTION	THROW	CEILING MODULE SIZE	NECK SIZE	MINIMUM CFM	MAXIMUM CFM	MAX. NC	REMARKS
S1	SQUARE PLAQUE FACE DIFFUSER	4 WAY	24x24	6"ø	50 CFM	100 CFM	30	1,2,3,4
S2	LOUVERED GRILLE, 3/4" SPACING, DOUBLE DEFLECTION	2 WAY	N/A	18x8	250 CFM	400 CFM	30	2,3
S3	LOUVERED GRILLE, 3/4" SPACING, DOUBLE DEFLECTION	2 WAY	N/A	8X4	25 CFM	25 CFM	30	2,3
S4	LOUVERED GRILLE, 3/4" SPACING, DOUBLE DEFLECTION	2 WAY	N/A	8X4	25 CFM	25 CFM	30	2,3
E1	PERFORATED EXHAUST DIFFUSER	NA	24x24	8"ø	100 CFM	100 CFM	30	1,2,3,4
E2	LOUVERED GRILLE, 3/4" SPACING	NA	N/A	30x12	1200 CFM	1200 CFM	30	2,3
E3	LOUVERED GRILLE, 3/4" SPACING	NA	N/A	10X4	100 CFM	100 CFM	30	2,3
R1	LOUVERED GRILLE, 3/4" SPACING	NA	N/A	22x22	1150 CFM	1450 CFM	30	2,3
R2	LOUVERED GRILLE, 3/4" SPACING	NA	N/A	12X12	350 CFM	350 CFM	30	2,3

REMARKS
1. VERIFY ALL CEILING TYPES WITH ARCHITECTURAL PLANS TO DETERMINE MOUNTING DETAILS AND ACCESSORIES REQUIRED. COORDINATE COLOR WITH ARCHITECT.
2. PROVIDE WITH SQUARE TO ROUND TRANSITION AS NECESSARY.
3. ALL AIR DISTRIBUTION MUST BE 100% ALUMINUM CONSTRUCTION.
4. PROVIDE BLANKET INSULATION ON THE BACK OF ALL DIFFUSERS.

FAN SCHEDULE

MARK	AREA SERVED	TYPE	CFM	ESP (IN. H20)	MOTOR SIZE	RPM	DRIVE	SONES	VOLT/PH	WEIGHT (LBS)	VIBRATION ISOLATION TYPE	REMARKS
EF-1	HOT MECH 110	INLINE	550	0.125	368 W	1035	DIRECT	27	120/1	40	E	1,2,3,4,5,6

REMARKS:
1. PROVIDE FAN WITH BACKDRAFT DAMPER AND HANGING ISOLATOR KIT. SUPPORT FAN FROM STRUCTURE.
2. PROVIDE FAN WITH ELECTRONIC SPEED CONTROLLER.
3. PROVIDE WITH EQUIPMENT RAILS AND VIBRATION ISOLATION.
4. FAN TO BE CONTROLLED BY WALL MOUNTED, LINE VOLTAGE THERMOSTAT PROVIDED BY MECHANICAL CONTRACTOR.
5. REFER TO CONTROLS DETAILS AND SCHEMATICS FOR SEQUENCING OF FAN.
6. MAXIMUM ALLOWABLE DISCHARGE OR RADIATED NOISE CRITERIA (NC) = 30.

DUCTLESS SPLIT SYSTEM AIR HANDLING UNIT SCHEDULE

MARK	SERVES	TYPE	NOMINAL TONS	SOUND LVL, dB	MCA	REFRIG. TYPE	WEIGHT (LBS)	REMARKS
DAC-1	COMM 113	HP	1	45	1.0	R-32	35	1,2,3,4,5
DAC-2	ELEC 111	HP	1	45	1.0	R-32	35	1,2,3,4,5

REMARKS:
1. PROVIDE UNIT WITH WIRED WALL MOUNTED THERMOSTAT, AND CLEANABLE TYPE FILTERS.
2. PROVIDE UNIT WITH WALL MOUNTED CONDENSATE PUMP, WIRED TO MOTOR RATED SWITCH.
3. AHU IS POWERED FROM CONDENSING UNIT.
4. DUCTLESS SPLIT SYSTEM MUST BE CAPABLE OF HANDLING 100 FEET OF REFRIGERANT LINE BETWEEN AC AND CU.
5. PROVIDE CONDENSATE PUMP FOR USE WITH UNIT.

ASHRAE STANDARD 15 REFRIGERANT COMPLIANCE CALCULATION

CONDENSING UNIT	REFRIGERANT NUMBER	RCL (lb/1000 ft³)	LFL (lb/1000 ft³)	CF	FOCC	ROOM	ROOM AREA ft2	ROOM HEIGHT ft	WITHOUT AIR CIRCULATION (SECTION 7.6.1.2) Mdef (TABLE 7.1) (lb)	FLFL	EFFECTIVE DISPERSAL VOLUME CHARGE (EDVC) (sect 7.6.1.2) (lb)	SYSTEM CHARGE (Ms) (lb)	RELEASABLE CHARGE (Mrel) (lb)	RELEASABLE CHARGE ≤ EDVC?	REMARKS
DAC-1	R-454B	3.2	22.0	0.5	1.0	113 COMM	109.0	12.0	9.40	0.9	8.5	4.30	4.30	YES	1,2
	R-32	4.8	19.1	0.5	1.0				9.40	1.0	9.4			YES	1,2
DAC-2	R-454B	3.2	22.0	0.5	1.0	112 SPRINKLER	273.0	16.0	17.20	0.9	15.5	4.30	4.30	YES	1,2
	R-32	4.8	19.1	0.5	1.0				17.20	1.0	17.2			YES	1,2

REMARKS:
1. ASHRAE 34-2024, TABLE 4-1 & 4-2: REFRIGERANT IS CLASSIFIED AS NEITHER TOXIC OR HIGHLY TOXIC, WITH A REFRIGERANT CONCENTRATION LIMIT (RCL), LOWER FLAMMABILITY LIMIT (LFL) PER SCHEDULED VALUES.
2. EFFECTIVE DISPERSAL VOLUME CHARGE (EDVC) IS CALCULATED PER ASHRAE 15-2024, SECTION 7.6 (R-454B & R-32). Mdef VALUE INTERPOLATED USING VALUES FROM TABLE 7-1.

DUCTLESS SPLIT SYSTEM CONDENSING UNIT SCHEDULE

MARK	SERVES	NOMINAL TONS	TYPE	SEER	VOLT/PH	MCA	MOCP	SOUND LVL, dB	WEIGHT (LBS)	REMARKS
DCU-1	COMM 113	1	HP	21.4	208/1	16	27	47	100	1,2
DCU-2	SPRINKLER 112	1	HP	21.4	208/1	16	27	47	100	1,2

REMARKS:
1. PROVIDE ALL ACCESSORIES REQUIRED FOR LOW AMBIENT OPERATION TO 0ºF. PROVIDE COIL GUARDS AND 6,000 SALT-HOUR SEACOAST CONSTRUCTION. COATINGS MUST NOT REDUCE UNIT PERFORMANCE BELOW SCHEDULED QUANTITIES.
2. DUCTLESS SPLIT SYSTEM MUST BE CAPABLE OF HANDLING 100 FEET OF REFRIGERANT LINE BETWEEN AC AND CU.

SYM	DESCRIPTION	DATE	APPR
1	EQUIPMENT COORDINATION	04 JUN 2026	

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CRENSHAW CONSULTING Engineers
NC LICENSE #C-1164 www.crenshawconsulting.com 3918 Bush Street, Suite 200 Raleigh, North Carolina 27609 919-871-9370 Fax 871-5820

A/E INFO

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PM/DM SLG/MDM
BRANCH MANAGER WRB
CHIEF ENG/ARCH JWJ
FIRE PROTECTION HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA.
CAMP LEJEUNE, NC
P-1550 SOF MARINE RAIDER
BATTALION / COMPANY / TEAM FACILITIES
MECHANICAL SCHEDULES

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12903831
SHEET 89 OF 122
A3
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M-602
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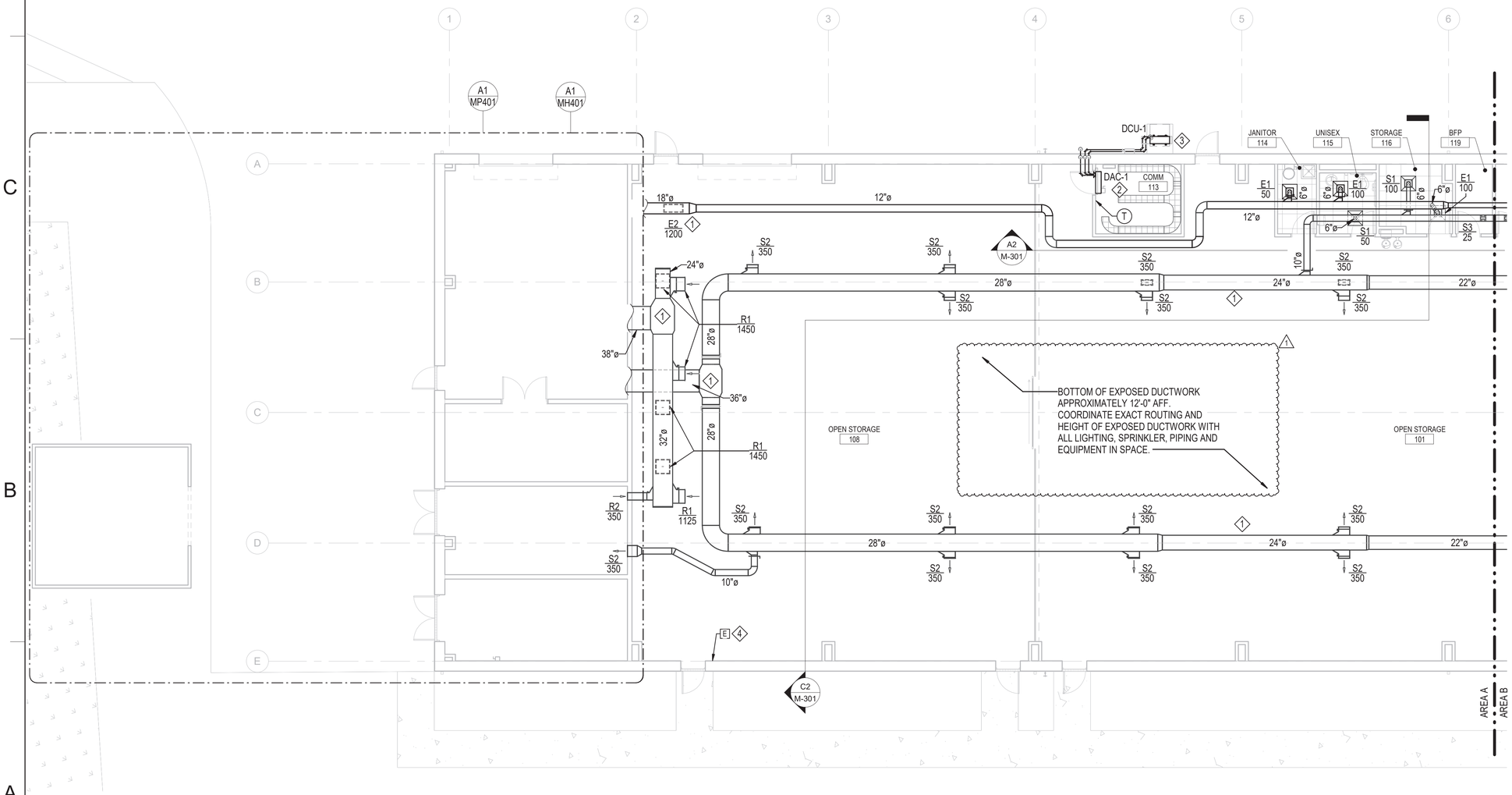
GENERAL NOTES:

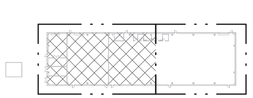
1. SEE SHEET M-001 FOR GENERAL NOTES, LEGEND & ABBREVIATIONS
2. PLAN DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NO ILLUSTRATE ALL SPECIFIC DUCT TAKE-OFF CONFIGURATIONS, TAPS, ETC. PROVIDE FLEXIBLE DUCTWORK RUNOUTS TO ALL SUPPLY AND RETURN GRILLES WITH A MAXIMUM LENGTH OF 5 FEET AND SINGLE BENDS NO GREATER THAN 45 DEGREES. REFER TO PROJECT SPECIFICATIONS AND DUCTWORK DETAILS FOR SPECIFIC REQUIREMENTS.



A1 FLOOR PLAN - MECHANICAL - AREA A
1/8" = 1'-0"

PLAN NOTES

1. EXPOSED SUPPLY, EXHAUST AND RETURN DUCTWORK FROM AIR HANDLER IN MECHANICAL ROOM. COORDINATE EXACT ROUTING WITH ALL OTHER EQUIPMENT IN STORAGE AREA.
2. INSTALL DUCTLESS SPLIT AIR HANDLER OVER TELECOM ROOM DOOR. COORDINATE EXACT LOCATION OF AIR HANDLING UNIT WITH ALL OTHER EQUIPMENT TO BE INSTALLED WITHIN THE ROOM.ROUTE REFRIGERANT LINES THROUGH MECHANICAL ROOM TO GRADE MOUNTED CONDENSING UNIT. ROUTE CONDENSATE LINES TO EXTERIOR AND TERMINATE ON GRADE.
3. CONDENSING UNIT ON GRADE MOUNTED CONCRETE PAD PER MANUFACTURER'S CLEARANCES.
4. PROVIDE WALL MOUNTED EMERGENCY HVAC SHUTOFF SWITCH. SEE SHEET M-701 FOR MORE INFORMATION.



A5 KEY PLAN
1" = 100'-0"

GRAPHIC SCALE: 1/8"=1'-0"
8' 0 4' 8' 16'

SYM	DESCRIPTION	DATE	APPR
1	EQUIPMENT COORDINATION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 035500 ENGINEER JAMES W. MERRITT
06-04-26
SEAL

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PM/DM			SLG/MDM
BRANCH MANAGER			WRB
CHIEF ENG/ARCH			JWJ
FIRE PROTECTION			HPN

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
MIDLANT DC CORE
NAVAL STATION - NORFOLK, VA
MARINE CORPS BASE
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

FLOOR PLAN - MECHANICAL - AREA A

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12903817
SHEET 75 OF 122
A3
CO STG
MH101
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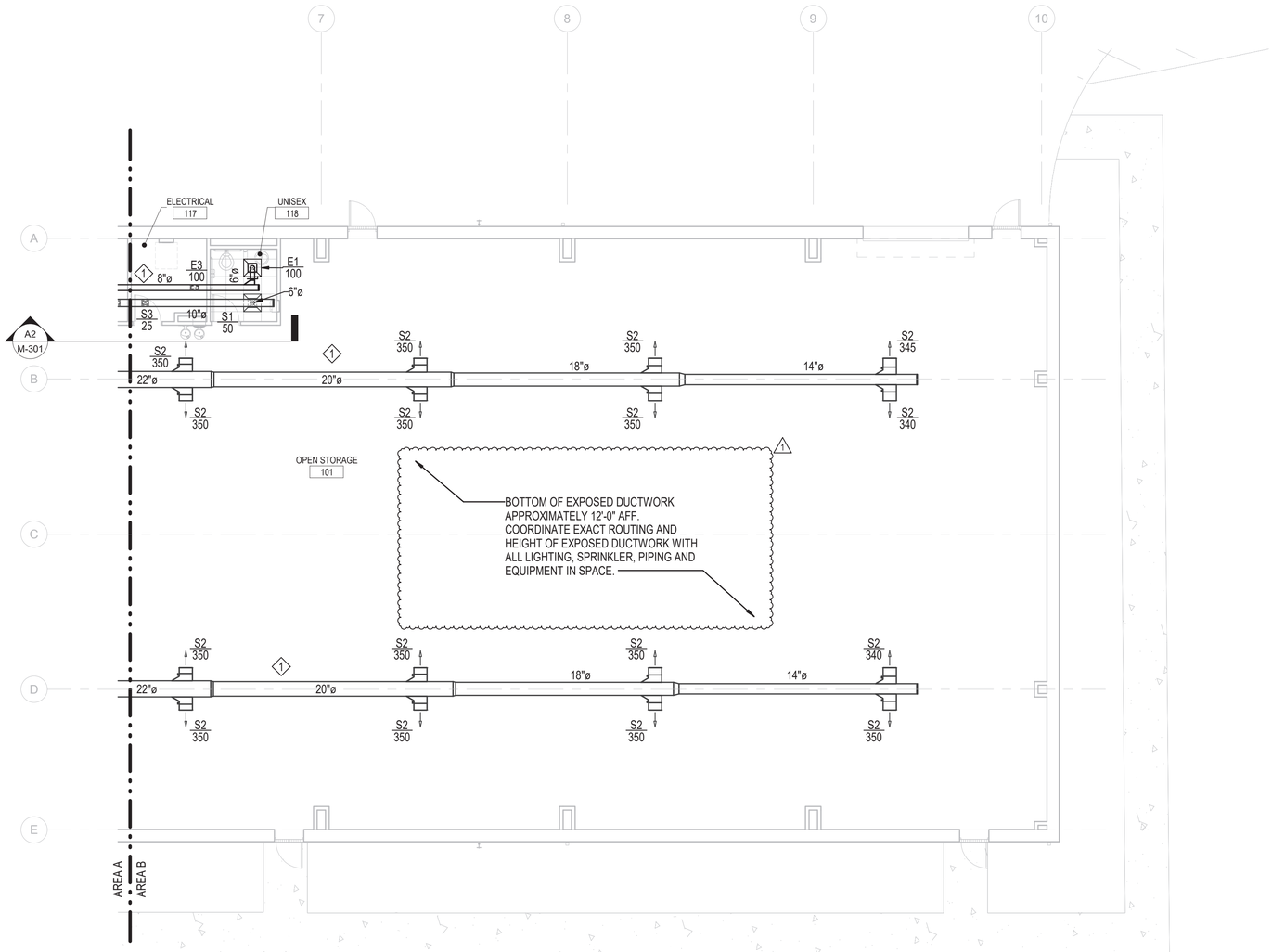


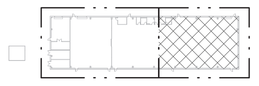
A1 FLOOR PLAN - MECHANICAL - AREA B
1/8" = 1'-0"

GENERAL NOTES:

1. SEE SHEET M-001 FOR GENERAL NOTES, LEGEND & ABBREVIATIONS
2. PLAN DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NO ILLUSTRATE ALL SPECIFIC DUCT TAKE-OFF CONFIGURATIONS, TAPS, ETC. PROVIDE FLEXIBLE DUCTWORK RUNOUTS TO ALL SUPPLY AND RETURN GRILLES WITH A MAXIMUM LENGTH OF 5 FEET AND SINGLE BENDS NO GREATER THAN 45 DEGREES. REFER TO PROJECT SPECIFICATIONS AND DUCTWORK DETAILS FOR SPECIFIC REQUIREMENTS.

PLAN NOTES

1 EXPOSED SUPPLY, EXHAUST AND RETURN DUCTWORK FROM AIR HANDLER IN MECHANICAL ROOM. COORDINATE EXACT ROUTING WITH ALL OTHER EQUIPMENT IN STORAGE AREA.



A5 KEY PLAN
1" = 100'-0"

GRAPHIC SCALE: 1/8"=1'-0"
8' 0 4' 8' 16'

SYM	DESCRIPTION	DATE	APPR
1	EQUIPMENT COORDINATION	04 JUN 2026	

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NORTH CAROLINA PROFESSIONAL SEAL 035500 ENGINEER WILLIAS W. MERRITT
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A/E INFO

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PM/DM	SLG/MDM
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DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
MIDLANT DC CORE
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NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER
BATTALION / COMPANY / TEAM FACILITIES

FLOOR PLAN - MECHANICAL - AREA B

SCALE:	AS INDICATED
EPROJECT NO.:	1701820
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12903818
SHEET	76 OF 122

A3
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MH102

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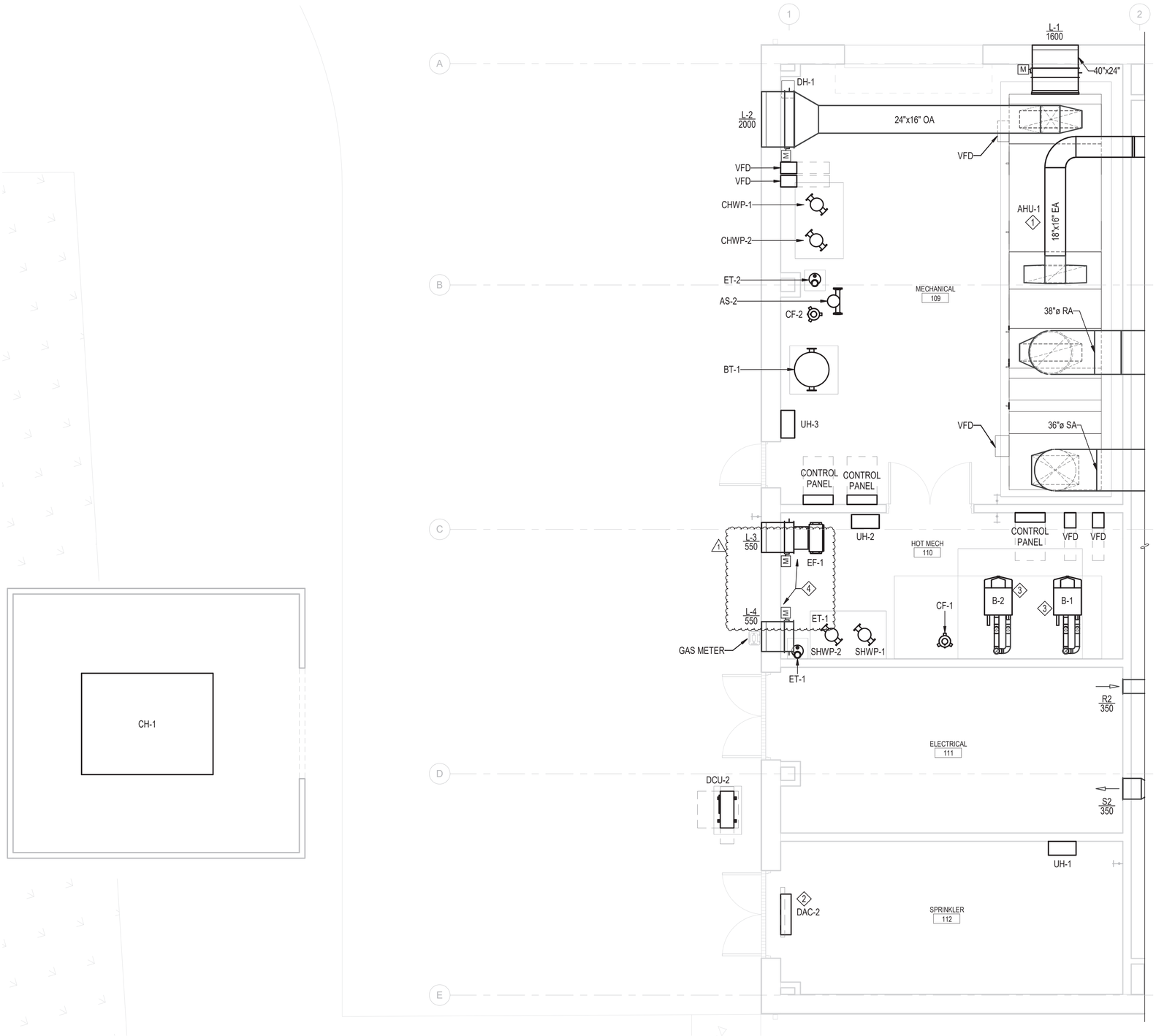

A1 MECHANICAL ROOM AND CHILLER YARD ENLARGED - MECHANICAL

1/4" = 1'-0"

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

4' 0 2' 4' 8'

GENERAL NOTES:

1. SEE SHEET M-001 FOR GENERAL NOTES, LEGEND & ABBREVIATIONS
2. PLAN DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NO ILLUSTRATE ALL SPECIFIC DUCT TAKE-OFF CONFIGURATIONS, TAPS, ETC. PROVIDE FLEXIBLE DUCTWORK RUNOUTS TO ALL SUPPLY AND RETURN GRILLES WITH A MAXIMUM LENGTH OF 5 FEET AND SINGLE BENDS NO GREATER THAN 45 DEGREES. REFER TO PROJECT SPECIFICATIONS AND DUCTWORK DETAILS FOR SPECIFIC REQUIREMENTS.

PLAN NOTES

1

1 FLOOR MOUNTED MODULAR AIR HANDLER, MOUNTED ON NEW CONCRETE PAD. PROVIDE CLEARANCES AROUND UNIT AS SHOWN. CONNECT SUPPLY, RETURN, EXHAUST AND OUTSIDE AIR DUCTS TO UNIT AS SHOWN. PROVIDE EXTERIOR WALL LOUVERS WITH CLASS 1A MOTORIZED DAMPERS IN DUCTWORK AS SHOWN.

2 INSTALL DUCTLESS SPLIT AIR HANDLER OVER TELECOM ROOM DOOR. COORDINATE EXACT LOCATION OF AIR HANDLING UNIT WITH ALL OTHER EQUIPMENT TO BE INSTALLED WITHIN THE ROOM.ROUTE REFRIGERANT LINES THROUGH MECHANICAL ROOM TO GRADE MOUNTED CONDENSING UNIT. ROUTE CONDENSATE LINES TO EXTERIOR AND TERMINATE ON GRADE.

3 BOILER MOUNTED ON CONCRETE PAD. ROUTE BOILER INTAKE AND EXHAUST FLUE TO ROOF.

4 PROVIDE INLINE EXHAUST FAN DUCTED TO EXTERIOR WALL EXHAUST LOUVER WITH INTERLOCKED CLASS 1A MOTORIZED DAMPER. PROVIDE INTAKE LOUVER WITH INTERLOCKED CLASS 1A MOTORIZED DAMPER.

SYM	DESCRIPTION	DATE	APPR
1	EQUIPMENT COORDINATION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035500 LYNN S. W. MERANDA

06-04-26

SEAL

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www.crenshawconsulting.com
NC LICENSE #C-1164 3916 Bush Street, Suite 200 Raleigh, North Carolina 27609 919-871-1070 Fax 871-5620

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 6/10/2026

ACTIVITY

SATISFACTORY TO

DES MPM	DRW MAS	CHK LWM	
PM/DM	SLG/MDM		
BRANCH MANAGER	WRB		
CHIEF ENG/ARCH	JWJ		
FIRE PROTECTION	HPN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
MID-LANT DC CORE NAVAL STATION - NORFOLK, VA.
MARINE CORPS BASE CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

MECHANICAL ROOM AND CHILLER YARD ENLARGED - MECHANICAL

SCALE: AS INDICATED

EPROJECT NO.: 1701820

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12903820

SHEET 78 OF 122

A3

CO STG

MH401

FINAL SUBMITTAL

DRAWFORM REVISION: 25 AUGUST 2020

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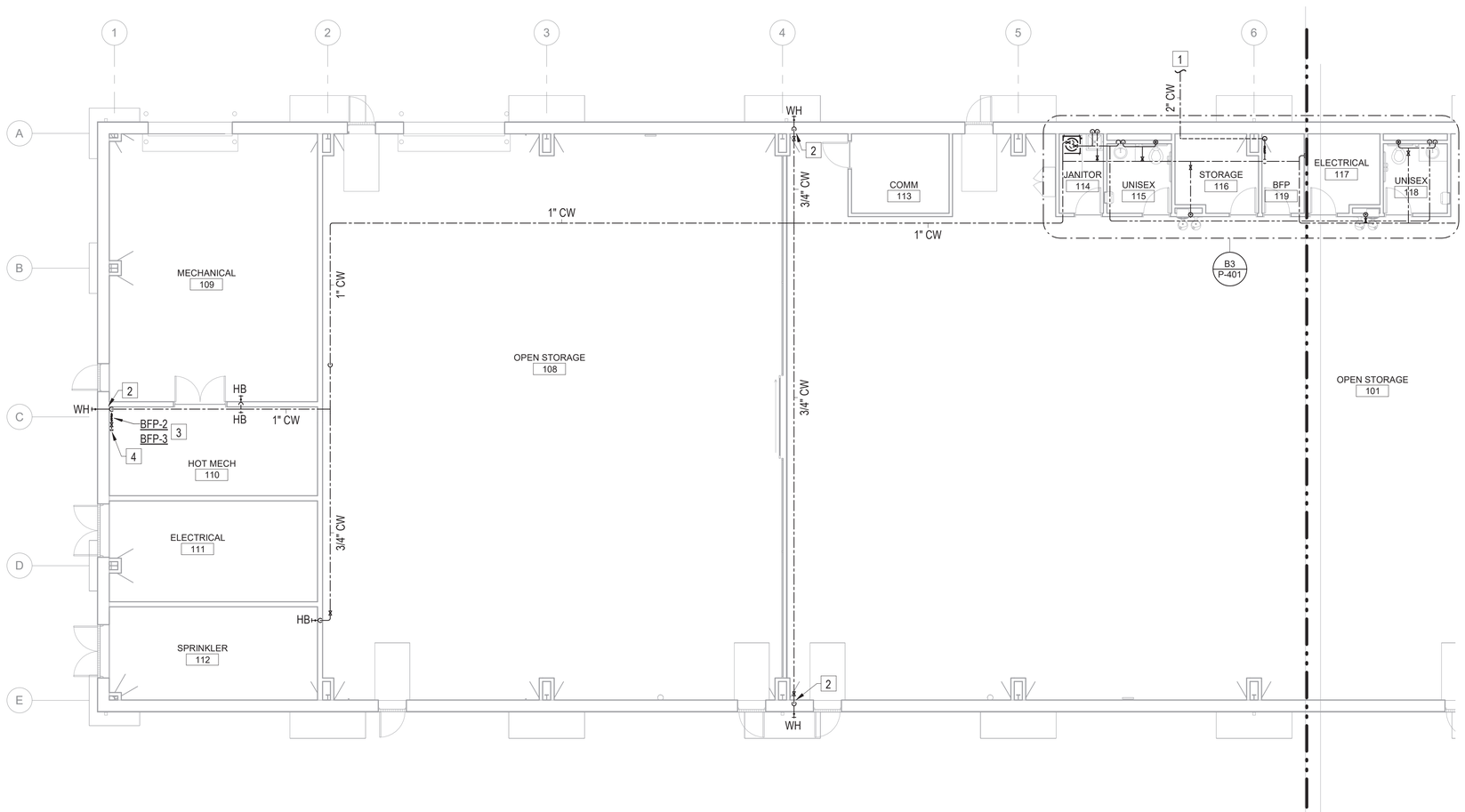
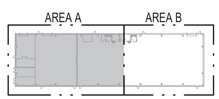


A2 FIRST FLOOR PLAN - AREA A - WATER

1/8" = 1'-0"

#	PLAN NOTES - P-103
1	2"CW TO SITE UTILITY. SEE SITE PLAN FOR CONTINUATION OF DOMESTIC COLD WATER PIPING (CU108).
2	DROP 3/4"CW DOWN WALL TO WALL HYDRANT. MOUNT AT 18" AFF.
3	(2) 3/4" RPZ TYPE BACKFLOW PREVENTERS STACKED NEAR WALL FOR HVAC MAKEUP WATER. SEE BACKFLOW PREVENTER DETAIL ON SHEET P-501 FOR MORE INFORMATION.
4	SEE MECHANICAL PLANS FOR CONTINUATION OF HVAC MAKEUP WATER.



A5 KEY PLAN

1" = 100'-0"

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

8' 0 4' 8' 16'

GRAPHIC SCALE: 1"=40'

40' 0 40' 80'

SYM	DESCRIPTION	DATE	APPR
1	UTILITY COORDINATION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 28374 ENGINEER JONATHAN D. LEHMAN

6-9-26

SEAL

CRENSHAW CONSULTING Engineers

NC LICENSE #C-1164 3918 Bush Street, Suite 200 Raleigh, North Carolina 27609 919-871-1070 Fax 871-5620

A/E INFO

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FOR COMMANDER NAVFAC 6/10/2026

ACTIVITY

SATISFACTORY TO

DES	PRC	DRW	DJG	CHK	JDL

PM/DM	SGL/MDM
BRANCH MANAGER	ALG
CHIEF ENG/ARCH	JWJ
FIRE PROTECTION	HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA.
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER
BATTALION / COMPANY / TEAM FACILITIES

FIRST FLOOR PLAN - AREA A - WATER

SCALE:	AS INDICATED
EPROJECT NO.:	1701820
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12903809
SHEET	67 OF 122

A3
CO STG

P-103

FINAL SUBMITTAL

DRAWFORM REVISION: 25 AUGUST 2020

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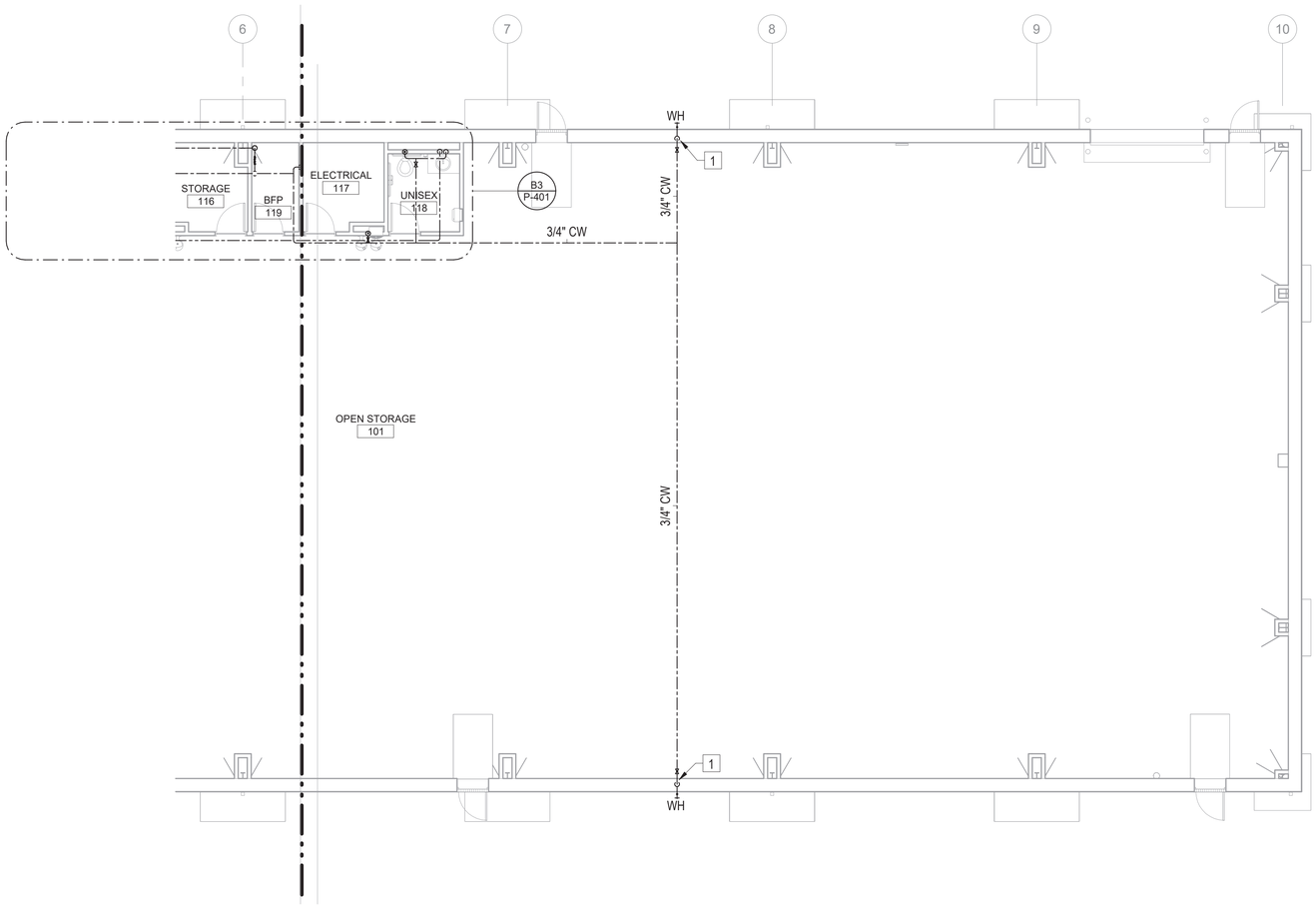
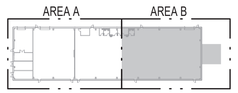


A2 FIRST FLOOR PLAN - AREA B - WATER
1/8" = 1'-0"

#	PLAN NOTES - P-104
1	DROP 3/4"CW DOWN WALL TO WALL HYDRANT. MOUNT AT 18" AFF.



A5 KEY PLAN
1" = 100'-0"

GRAPHIC SCALE: 1/8"=1'-0"
8' 0 4' 8' 16'

GRAPHIC SCALE: 1"=40'
40' 0 40' 80'

SYM	DESCRIPTION	DATE	APPR
1	UTILITY COORDINATION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 28374 ENGINEER JONATHAN D. LEHMAN
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CRENSHAW CONSULTING Engineers
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Raleigh, North Carolina 27609
919-871-1070 Fax 871-5620

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO
DES PRC DRW DJG CHK JDL
PM/DM SGL/MDM
BRANCH MANAGER ALG
CHIEF ENG/ARCH JWJ
FIRE PROTECTION HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

FIRST FLOOR PLAN - AREA B - WATER

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

A3
CO STG

NAVFAC DRAWING NO.
12903810
SHEET 68 OF 122
P-104

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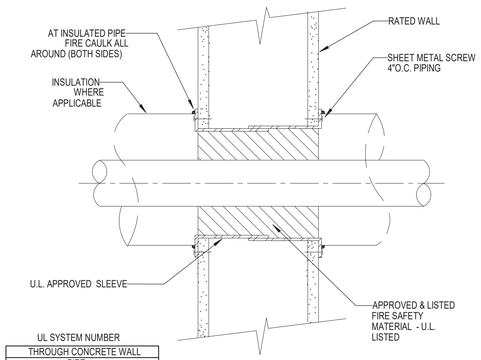
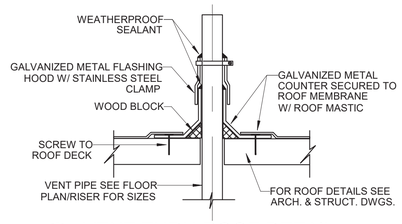
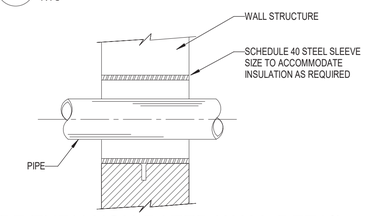


UL SYSTEM NUMBER
THROUGH CONCRETE WALL
PIPE
W-J-1010
THROUGH STUD WALL
PIPE
W-L-5039

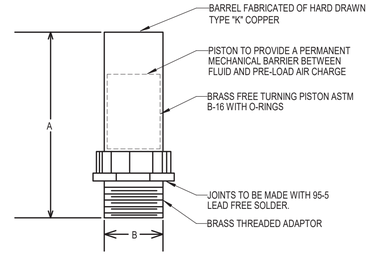
C1 PIPE THRU FIRE WALL DETAIL
NTS



D2 VENT THRU ROOF DETAIL
NTS

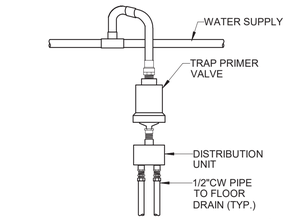


C2 PIPE THRU NON-RATED WALL DETAIL
NTS

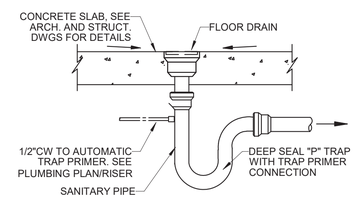


NPT SIZE	P.D.I. SYMBOL	FIXTURE UNIT RATINGS	A SIZE	B SIZE
1/2"	A	1 - 11	5"	1/2"
3/4"	B	12 - 32	5"	3/4"
1"	C	33 - 60	7"	1"
1-1/4"	D	60 - 113	7"	1-1/4"
1-1/2"	E	114 - 154	9"	1-1/2"
2"	F	155 - 330	9"	2"

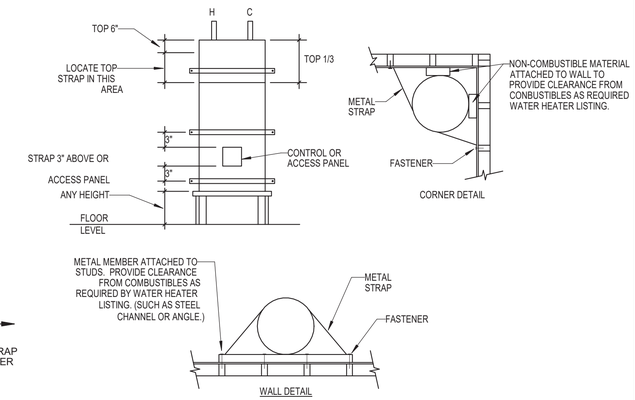
C3 SHOCK ABSORBER DETAIL
NTS



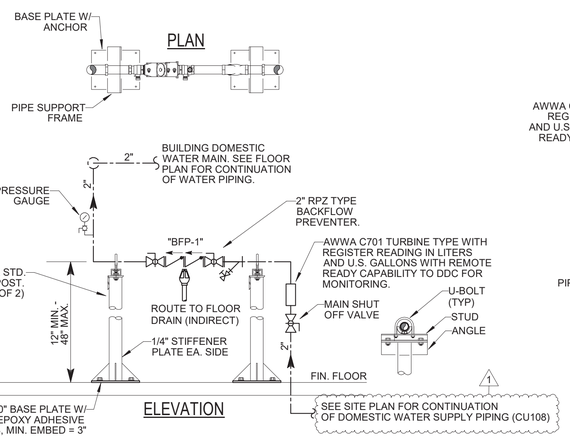
D4 TRAP PRIMER DETAIL
NTS



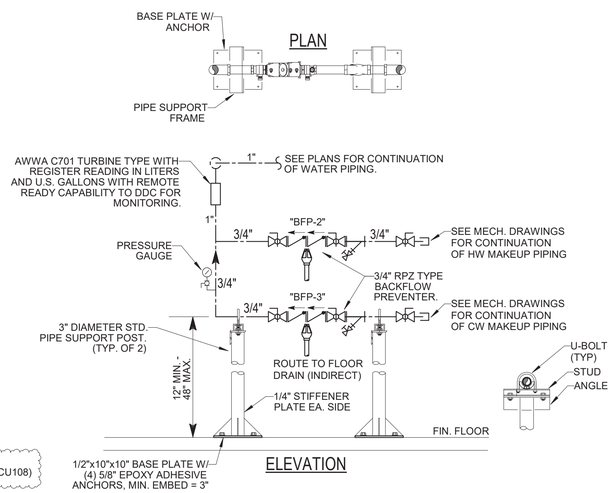
C4 FLOOR DRAIN DETAIL
NTS



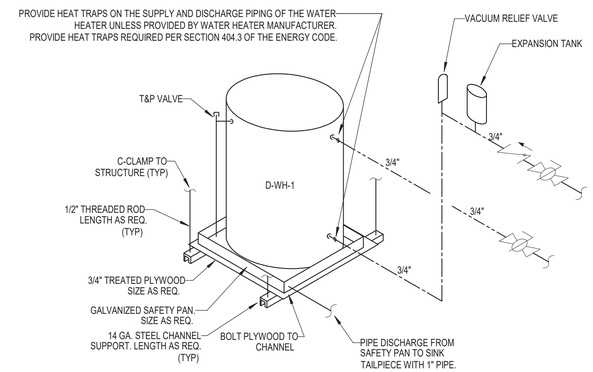
C5 SEISMIC BRACING DETAIL
NTS



B1 BACKFLOW PREVENTER DETAIL (BFP-1)
NTS



B2 BACKFLOW PREVENTER DETAIL (BFP-2 & BFP-3)
1/8" = 1'-0"



B4 WATER HEATER DETAIL (D-WH-1)
NTS

SYM	DESCRIPTION	DATE	APPR
1	UTILITY COORDINATION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 28374 ENGINEER JONATHAN D. LEHMAN
6-9-26
SEAL

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A/E INFO
APPROVED
FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO			
DES PRC	DRW DJG	CHK JDL	
PM/DM	SGL/MDM		
BRANCH MANAGER	ALG		
CHIEF ENG/ARCH	JWJ		
FIRE PROTECTION	HPN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC
P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES
PLUMBING DETAILS

SCALE:	AS INDICATED
EPROJECT NO.:	1701820
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12903812
SHEET	70 OF 122

A3
CO STG
P-501

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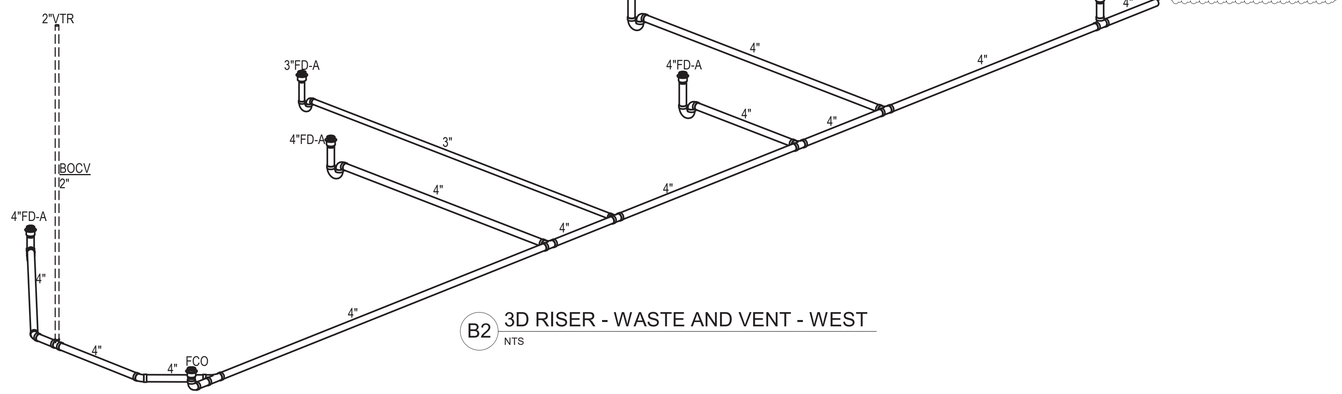
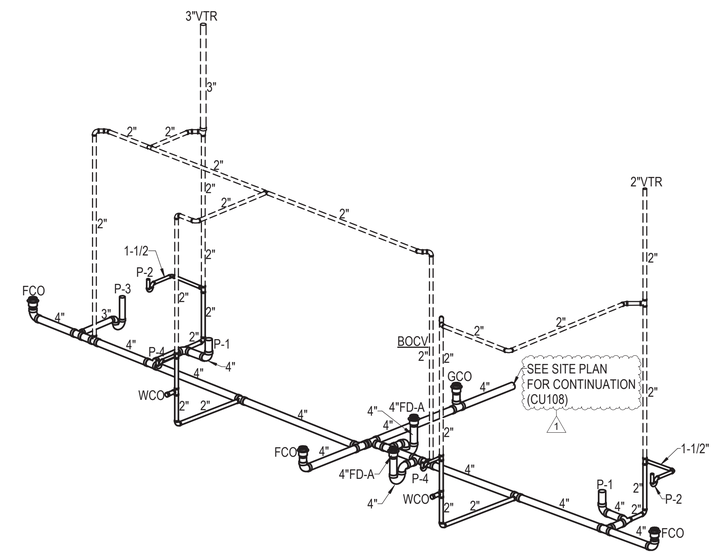


B2 3D RISER - WASTE AND VENT - WEST
NTS



B4 3D RISER - WASTE AND VENT - EAST
NTS

SYM	DESCRIPTION	DATE	APPR
1	UTILITY COORDINATION	04 JUN 2026	

NAVFAC

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Raleigh, North Carolina 27609
919-871-9370 Fax 871-5620

A/E INFO

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FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO
DES PRC DRW DJG CHK JDL
PM/DM SGL/MDM
BRANCH MANAGER ALG
CHIEF ENG/ARCH JWJ
FIRE PROTECTION HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

RISER DIAGRAM - WASTE AND VENT

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

A3
CO STG

NAVFAC DRAWING NO.
12903814
SHEET 72 OF 122
P-701

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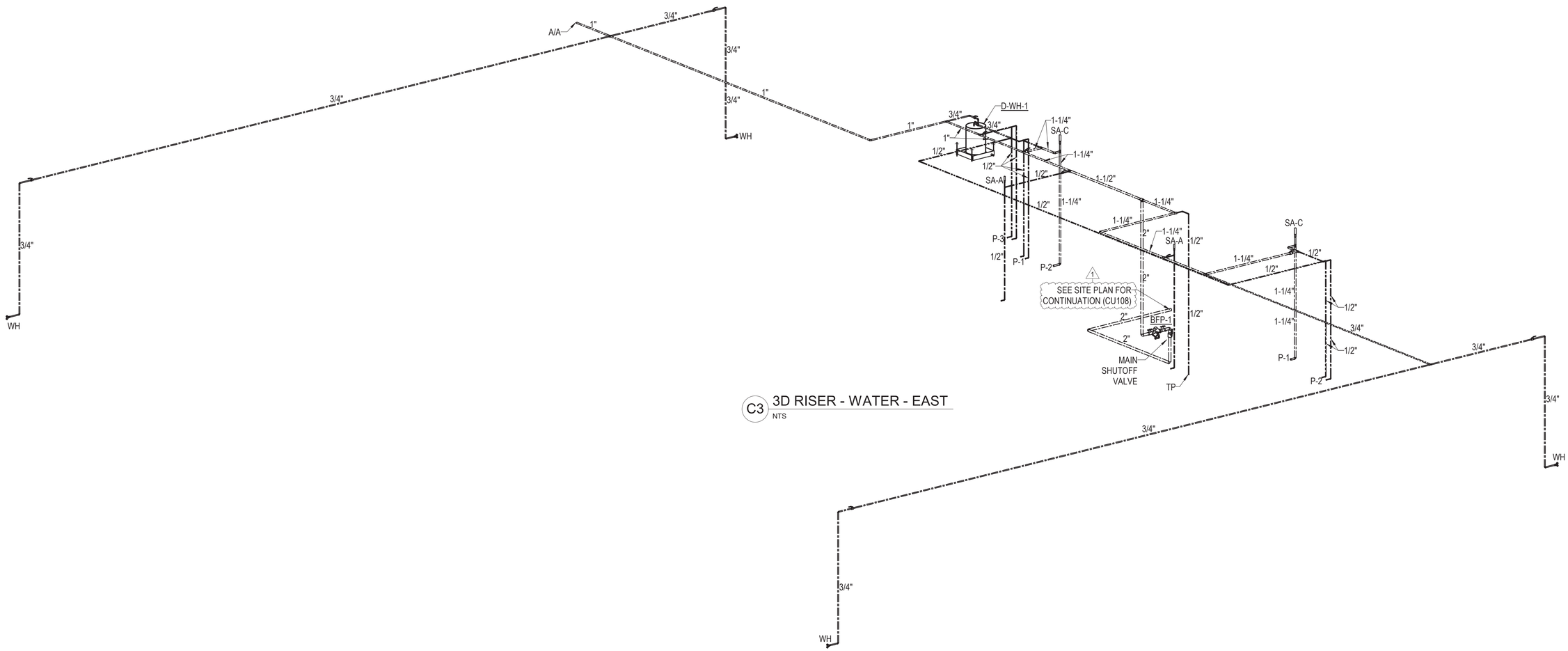
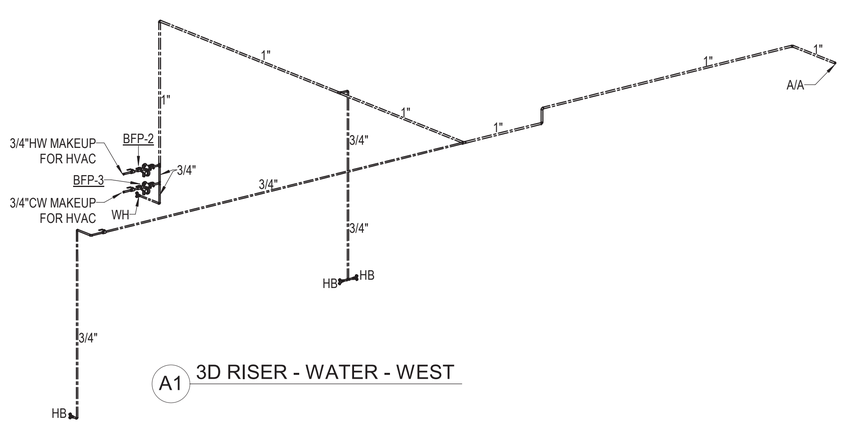


C3 3D RISER - WATER - EAST
NTS



A1 3D RISER - WATER - EAST

SYM	DESCRIPTION	DATE	APPR
1	UTILITY COORDINATION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 28374 ENGINEER JONATHAN D. LEHMAN
6-9-26
SEAL

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DES	PRC	DRW DJG	CHK JDL
PM/DM			SGL/MDM
BRANCH MANAGER			ALG
CHIEF ENG/ARCH			JWJ
FIRE PROTECTION			HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER
BATTALION / COMPANY / TEAM FACILITIES

RISER DIAGRAM - WATER

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

A3
CO STG

NAVFAC DRAWING NO.
12903815
SHEET 73 OF 122
P-702

FINAL SUBMITTAL
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D2 RELOCATION MAP

SCALE: 1" = ONE STATUTE MILE

N

D3 PHOTOGRAPHIC DOCUMENTATION

SCALE: 12" = 1'-0"

D5 PHOTOGRAPHIC DOCUMENTATION

SCALE: 12" = 1'-0"

A2 MONUMENT LOCATION

SCALE: 1" = 60'-0"

N

C3 PHOTOGRAPHIC DOCUMENTATION

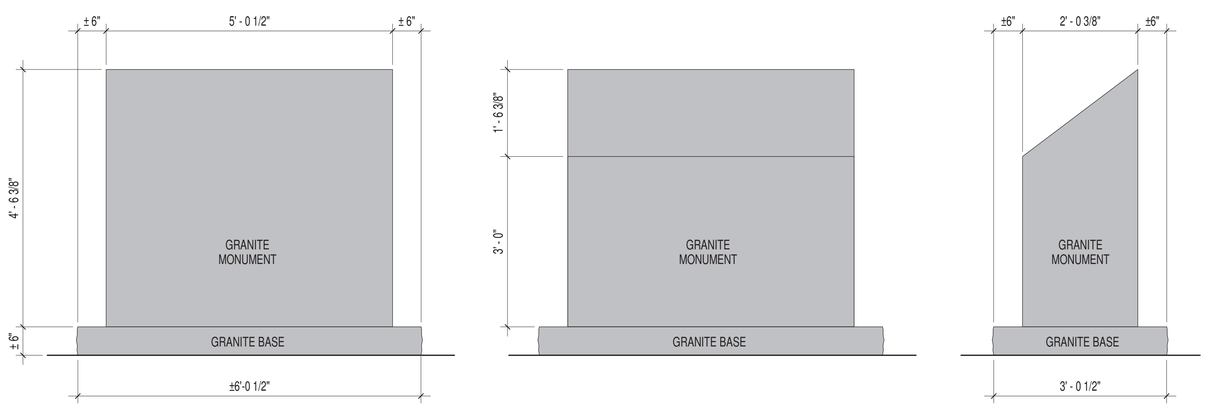
SCALE: 12" = 1'-0"

C5 PHOTOGRAPHIC DOCUMENTATION

SCALE: 12" = 1'-0"

2D MARINE RAIDER BATTALION MONUMENT RELOCATION

1. THE EXISTING MONUMENT IS LOCATED ADJACENT TO BUILDING A66 AT THE AMPHIBIOUS BASE ARE OF MCB CAMP LEJEUNE NEAR COURTHOUSE BAY
2. RELOCATE MONUMENT AND BASE TO THE P-1550 PROJECT SITE AT MARSOC
3. LOCATE MONUMENT ADJACENT TO THE ENTRANCE OF THE A1 BUILDING. EXACT LOCATION MUST BE COORDINATED WITH MARSOC G-4 CAPITAL CONSTRUCTION BRANCH
4. PROVIDE 1' DEEP COMPACTED STONE BASE



A4 MONUMENT DIMENSIONS

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

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

GRAPHIC SCALE: 3/4"=1'-0"

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

MBF ARCHITECTS P.A. REGISTERED ARCHITECTURAL CORPORATION CERT. NO. 50679 NORTH CAROLINA NEW BERN, N.C.

SYM	REVISIONS	DESCRIPTION	DATE	APPR
1			2026.06.04	

NAVFAC

DARDEN J. EURE, III REGISTERED ARCHITECT 8840 NORTH CAROLINA NEW BERN NC

08 MAY 2026 SEAL

mbf architects pa

317-C Pollock Street | New Bern, NC 28560
252.637.6373 | mbfarchitects.com

A/E INFO

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FOR COMMANDER NAVFAC 6/10/2026

ACTIVITY

SATISFACTORY TO

DES	REL	DRW	ESS	CHK	DJE,III
PM/DM					SGL/MDM
BRANCH MANAGER					DJD
CHIEF ENG/ARCH					JWJ
FIRE PROTECTION					HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA
MIDLANT DC CORE
MARINE CORPS BASE
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

2D BN MONUMENT RELOCATION

SCALE: AS INDICATED

EPROJECT NO.: 1701820

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12903080

SHEET A-102 OF

S SITE

FINAL SUBMITTAL

DRAWFORM REVISION: 25 AUGUST 2020

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6/9/2026 9:57:17 AM

File
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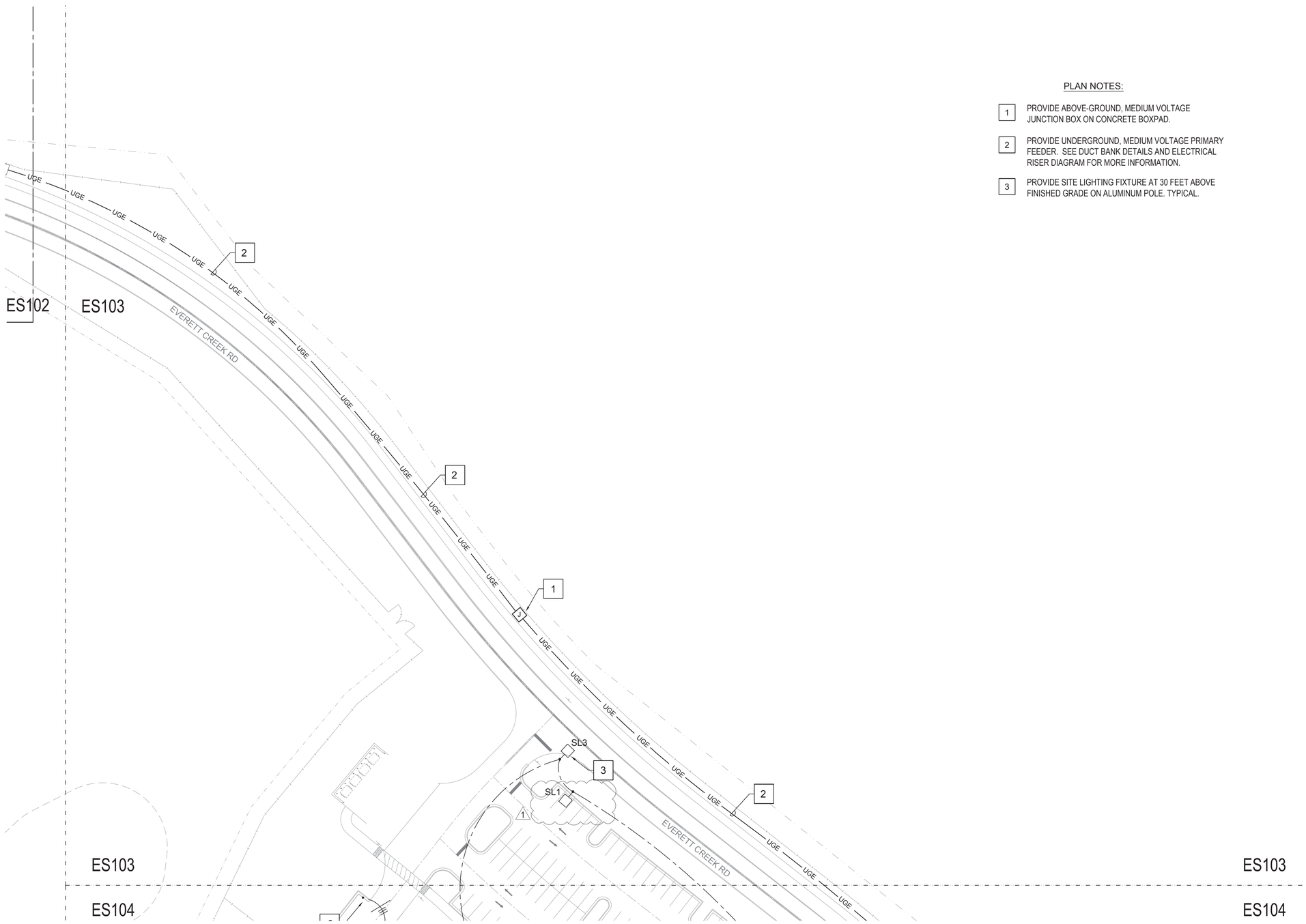
PLAN NOTES:

1. PROVIDE ABOVE-GROUND, MEDIUM VOLTAGE JUNCTION BOX ON CONCRETE BOXPAD.
2. PROVIDE UNDERGROUND, MEDIUM VOLTAGE PRIMARY FEEDER. SEE DUCT BANK DETAILS AND ELECTRICAL RISER DIAGRAM FOR MORE INFORMATION.
3. PROVIDE SITE LIGHTING FIXTURE AT 30 FEET ABOVE FINISHED GRADE ON ALUMINUM POLE. TYPICAL.



A2 SITE PLAN - ELECTRICAL
SCALE: 1/40" = 1'-0"

GRAPHIC SCALE: 1/40"=1'-0"
40' 0 20' 40' 80'

SYM	DESCRIPTION	DATE	APPR
1	SITE ELECTRICAL REVISION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER 34954 JEFFREY T. RUSTMAN 6-4-26
SEAL

CRENSHAW CONSULTING ENGINEERS
NC LICENSE #C-1500
www.crenshawconsulting.com
3816 North Harvey, Suite 205
Raleigh, North Carolina 27609
919-571-9270 Fax 571-9009
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO
DES JTR DRW MKW CHK JTR
PM/DM SGL/MDM
BRANCH MANAGER WRB
CHIEF ENG/ARCH JWJ
FIRE PROTECTION HPN

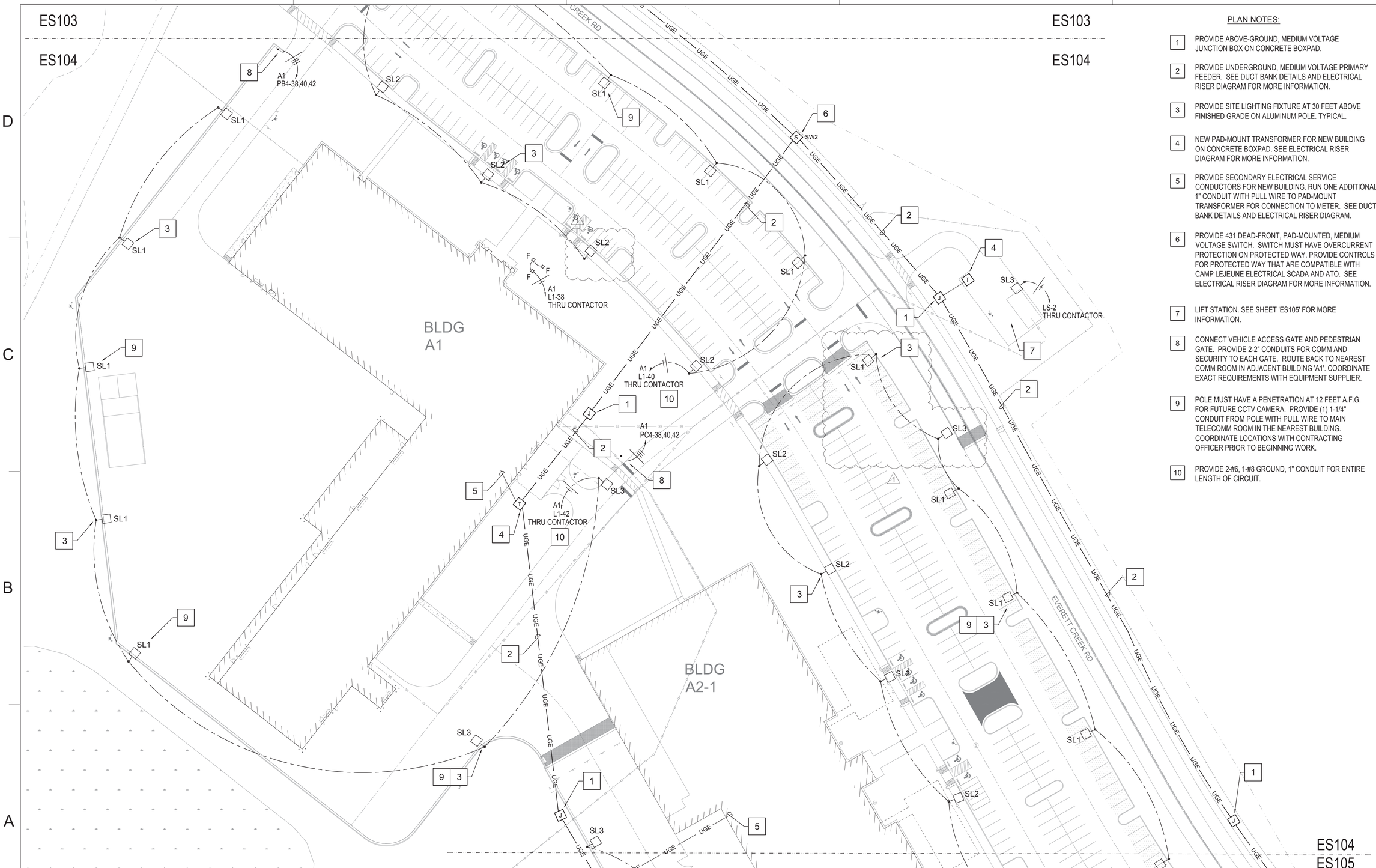
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA.
CAMP LEJEUNE, NC
P-1550 SOF MARINE RAIDER
BATTALION / COMPANY / TEAM FACILITIES
SITE PLAN - ELECTRICAL

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

NAVFAC DRAWING NO.
12903053
SHEET 236 OF 262
ES103

S
SITE

FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020



A2 SITE PLAN - ELECTRICAL
SCALE: 1/40" = 1'-0"

GRAPHIC SCALE: 1/40"=1'-0"
40' 0 20' 40' 80'

PLAN NOTES:

1. PROVIDE ABOVE-GROUND, MEDIUM VOLTAGE JUNCTION BOX ON CONCRETE BOXPAD.
2. PROVIDE UNDERGROUND, MEDIUM VOLTAGE PRIMARY FEEDER. SEE DUCT BANK DETAILS AND ELECTRICAL RISER DIAGRAM FOR MORE INFORMATION.
3. PROVIDE SITE LIGHTING FIXTURE AT 30 FEET ABOVE FINISHED GRADE ON ALUMINUM POLE. TYPICAL.
4. NEW PAD-MOUNT TRANSFORMER FOR NEW BUILDING ON CONCRETE BOXPAD. SEE ELECTRICAL RISER DIAGRAM FOR MORE INFORMATION.
5. PROVIDE SECONDARY ELECTRICAL SERVICE CONDUCTORS FOR NEW BUILDING. RUN ONE ADDITIONAL 1" CONDUIT WITH PULL WIRE TO PAD-MOUNT TRANSFORMER FOR CONNECTION TO METER. SEE DUCT BANK DETAILS AND ELECTRICAL RISER DIAGRAM.
6. PROVIDE 431 DEAD-FRONT, PAD-MOUNTED, MEDIUM VOLTAGE SWITCH. SWITCH MUST HAVE OVERCURRENT PROTECTION ON PROTECTED WAY. PROVIDE CONTROLS FOR PROTECTED WAY THAT ARE COMPATIBLE WITH CAMP LEJEUNE ELECTRICAL SCADA AND ATO. SEE ELECTRICAL RISER DIAGRAM FOR MORE INFORMATION.
7. LIFT STATION. SEE SHEET 'ES105' FOR MORE INFORMATION.
8. CONNECT VEHICLE ACCESS GATE AND PEDESTRIAN GATE. PROVIDE 2-2" CONDUITS FOR COMM AND SECURITY TO EACH GATE. ROUTE BACK TO NEAREST COMM ROOM IN ADJACENT BUILDING 'A1'. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER.
9. POLE MUST HAVE A PENETRATION AT 12 FEET A.F.G. FOR FUTURE CCTV CAMERA. PROVIDE (1) 1-1/4" CONDUIT FROM POLE WITH PULL WIRE TO MAIN TELECOMM ROOM IN THE NEAREST BUILDING. COORDINATE LOCATIONS WITH CONTRACTING OFFICER PRIOR TO BEGINNING WORK.
10. PROVIDE 2-#6, 1-#8 GROUND, 1" CONDUIT FOR ENTIRE LENGTH OF CIRCUIT.

SYM	DESCRIPTION	DATE	APPR
1	SITE ELECTRICAL REVISION	04 JUN 2026	

NAVFAC

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Raleigh, North Carolina 27609
919-571-9270 Fax 571-9809

A/E INFO

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ACTIVITY

SATISFACTORY TO

DES JTR	DRW MKW	CHK JTR	
PM/DM	SGL/MDM		
BRANCH MANAGER	WRB		
CHIEF ENG/ARCH	JWJ		
FIRE PROTECTION	HPN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION - NORFOLK, VA.
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

SITE PLAN - ELECTRICAL

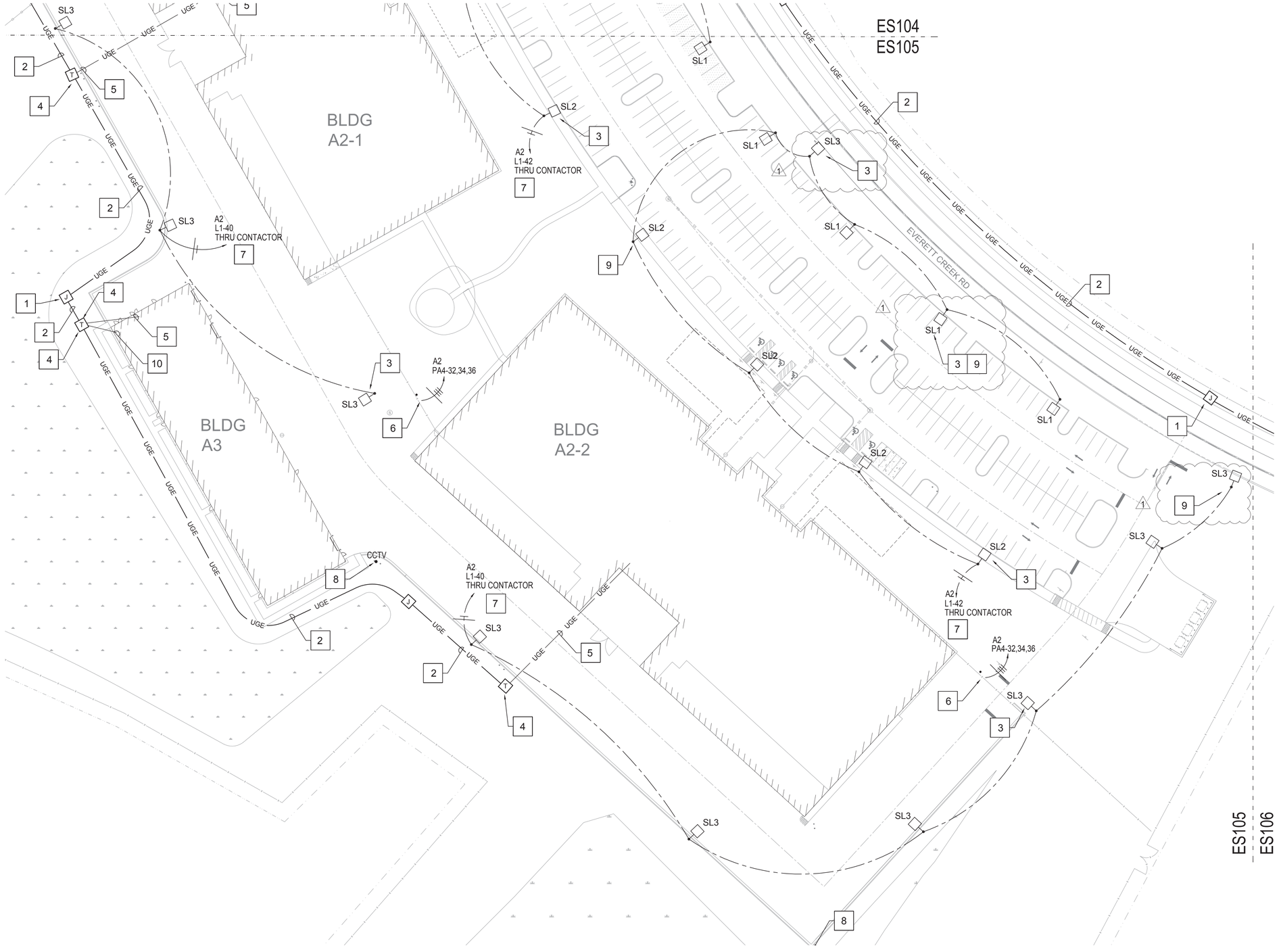
SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

NAVFAC DRAWING NO.
12903054
SHEET 237 OF 262

S SITE

ES104

FINAL SUBMITTAL DRAWFORM REVISION: 25 AUGUST 2020



PLAN NOTES:

1. PROVIDE ABOVE-GROUND, MEDIUM VOLTAGE JUNCTION BOX ON CONCRETE BOXPAD.
2. PROVIDE UNDERGROUND, MEDIUM VOLTAGE PRIMARY FEEDER. SEE DUCT BANK DETAILS AND ELECTRICAL RISER DIAGRAM FOR MORE INFORMATION.
3. PROVIDE SITE LIGHTING FIXTURE AT 30 FEET ABOVE FINISHED GRADE ON ALUMINUM POLE. TYPICAL.
4. NEW PAD-MOUNT TRANSFORMER FOR NEW BUILDING ON CONCRETE BOXPAD. SEE ELECTRICAL RISER DIAGRAM FOR MORE INFORMATION.
5. NEW SECONDARY ELECTRICAL SERVICE CONDUCTORS FOR NEW BUILDING. RUN ONE ADDITIONAL 1" CONDUIT WITH PULL WIRE TO PAD-MOUNT TRANSFORMER FOR CONNECTION TO METER. SEE DUCT BANK DETAILS AND ELECTRICAL RISER DIAGRAM.
6. CONNECT VEHICLE ACCESS GATE AND PEDESTRIAN GATE. PROVIDE 2-2" CONDUITS FOR COMM AND SECURITY TO EACH GATE. ROUTE BACK TO NEAREST COMM ROOM IN ADJACENT BUILDING 'A2'. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER.
7. PROVIDE 2-#6, 1-#8 GROUND, 1" CONDUIT FOR ENTIRE LENGTH OF CIRCUIT.
8. PROVIDE CCTV CAMERA POLE WITH PENETRATION AT 12 FEET A.F.F. FOR CCTV CAMERA. PROVIDE (1) 1-1/4" CONDUIT FROM POLE WITH PULL WIRE TO MAIN TELECOMM ROOM IN THE NEAREST BUILDING. COORDINATE LOCATIONS WITH CONTRACTING OFFICER PRIOR TO BEGINNING WORK.
9. POLE MUST HAVE A PENETRATION AT 12 FEET A.F.G. FOR FUTURE CCTV CAMERA. PROVIDE (1) 1-1/4" CONDUIT FROM POLE WITH PULL WIRE TO MAIN TELECOMM ROOM IN THE NEAREST BUILDING. COORDINATE LOCATIONS WITH CONTRACTING OFFICER PRIOR TO BEGINNING WORK.
10. NEW SECONDARY ELECTRICAL SERVICE CONDUCTORS FOR FIRE PUMP. SEE DUCT BANK DETAILS AND ELECTRICAL RISER DIAGRAM.

A2 SITE PLAN - ELECTRICAL
SCALE: 1/40" = 1'-0"

GRAPHIC SCALE: 1/40"=1'-0"
40' 0 20' 40' 80'

SYM	DESCRIPTION	DATE	APPR
1	SITE ELECTRICAL REVISION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER 34954 JEFFREY T. RUSSMAN 6-4-26
SEAL

CRENSHAW CONSULTING ENGINEERS
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Raleigh, North Carolina 27609
919-571-9270 Fax 571-9009

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO

DES JTR	DRW MKW	CHK JTR	
PM/DM			SGL/MDM
BRANCH MANAGER			WRB
CHIEF ENG/ARCH			JWJ
FIRE PROTECTION			HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION ~ NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

SITE PLAN - ELECTRICAL

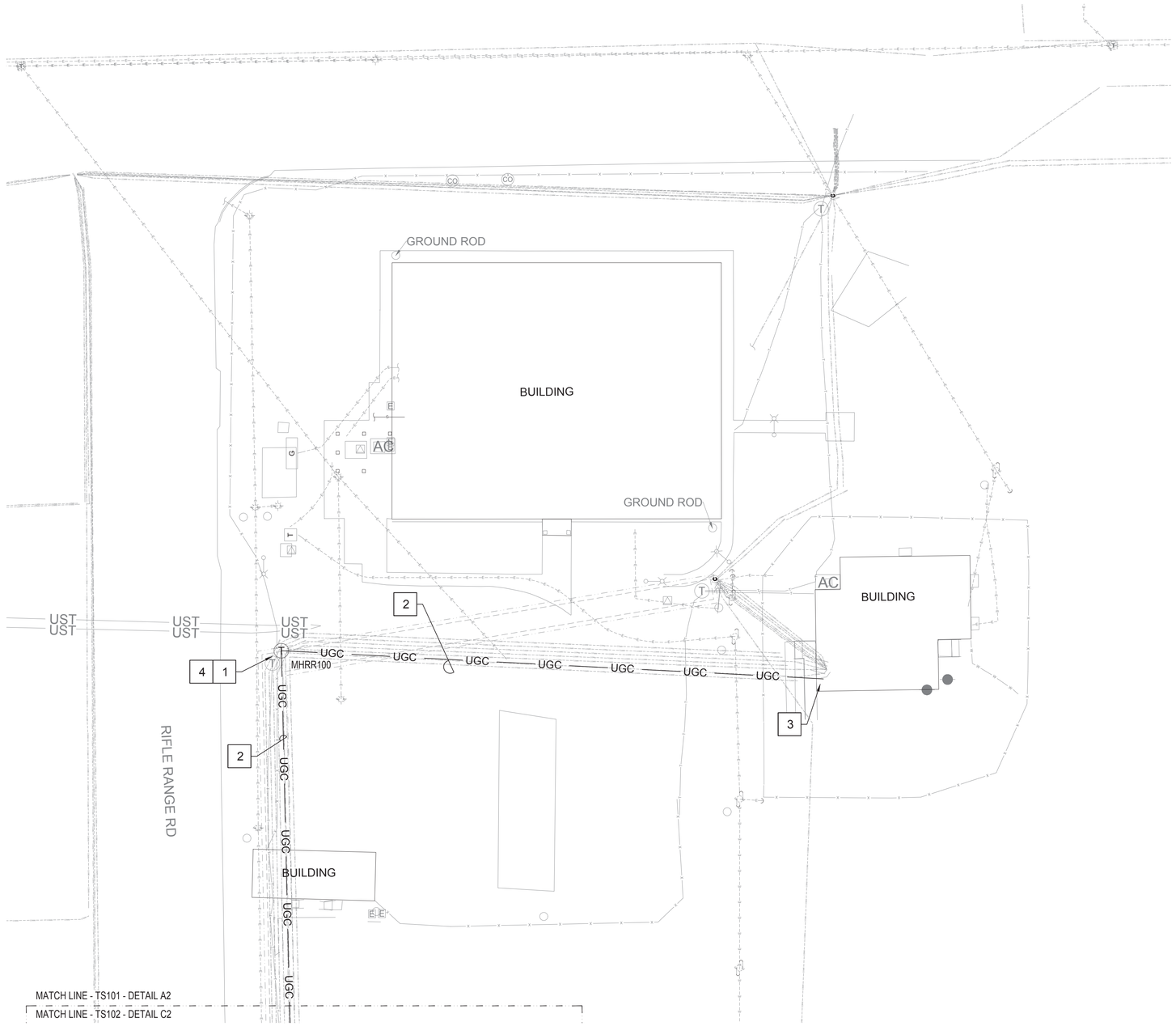
SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

NAVFAC DRAWING NO.
12903055
SHEET 238 OF 262

S
SITE

ES105

FINAL SUBMITTAL DRAWFORM REVISION: 25 AUGUST 2020



PLAN NOTES:

1. EXISTING MANHOLE FOR OSP TELECOMMUNICATIONS SERVICE.
2. EXPAND EXISTING DUCT BANK TO ADD (6) 5" CONDUITS. PROVIDE 2400 PAIR OSP COPPER AND (2) 288 STRAND SINGLE MODE FIBER. PROVIDE (3) 3X3 FABRIC MESH INNERDUCT (9 PATHS) IN TWO CONDUITS. RUN NEW DUCT BANK ADJACENT TO EXISTING DUCT BANK. EXISTING DUCT BANK MAY NOT BE CONCRETE-ENCASED AND MUST BE PROTECTED DURING CONSTRUCTION OF NEW DUCT BANK. DUCT BANK MUST HAVE 24" OF COVER. MANHOLE MAY REQUIRE EXPANSION TO ACCOMMODATE NEW CONDUITS. COORDINATE WITH BASE TELEPHONE FOR DUCTBANK SCHEDULE CABLING REQUIREMENTS.
3. NEW DUCT BANK MUST TERMINATE INSIDE COMM BUILDING RR134. COORDINATE WITH BASE TELEPHONE FOR EXACT REQUIREMENTS AND TERMINATION POINTS. PROVIDE 100 FEET OF SLACK INSIDE BUILDING FOR FINAL CONNECTIONS.
4. SPLICING POINT FOR OSP COPPER AND FIBER CABLING.

NOTES:

1. COORDINATE CABLE AND INNERDUCT LOCATIONS WITHIN DUCT BANK WITH BASE COMMUNICATIONS PRIOR TO BEGINNING WORK.
2. COMMUNICATIONS DUCT BANK MUST HAVE 24" OF COVER.
3. ALL NEW DUCT BANK INSTALLATIONS MUST CLOSELY COORDINATE WITH EXISTING UTILITY CONDITIONS TO INCLUDE, BUT NOT BE LIMITED TO, SITE LIGHTS, POLES, GUY WIRES AND UNDERGROUND LIGHTING CIRCUITS.

A2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"

GRAPHIC SCALE: 1/30"=1'-0"
30' 0 15' 30' 60'

SYM	DESCRIPTION	DATE	APPR
1	SITE TELECOM REVISION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 34954 JEFFREY T. RUSTMAN 6-4-26

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A/E INFO

APPROVED
FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO		
DES	DRW	CHK
PM/DM		SGL/MDM
BRANCH MANAGER		WRB
CHIEF ENG/ARCH		JWJ
FIRE PROTECTION		HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
MIDLANT DC CORE
NAVAL STATION - NORFOLK, VA
MARINE CORPS BASE
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER
BATTALION / COMPANY / TEAM FACILITIES

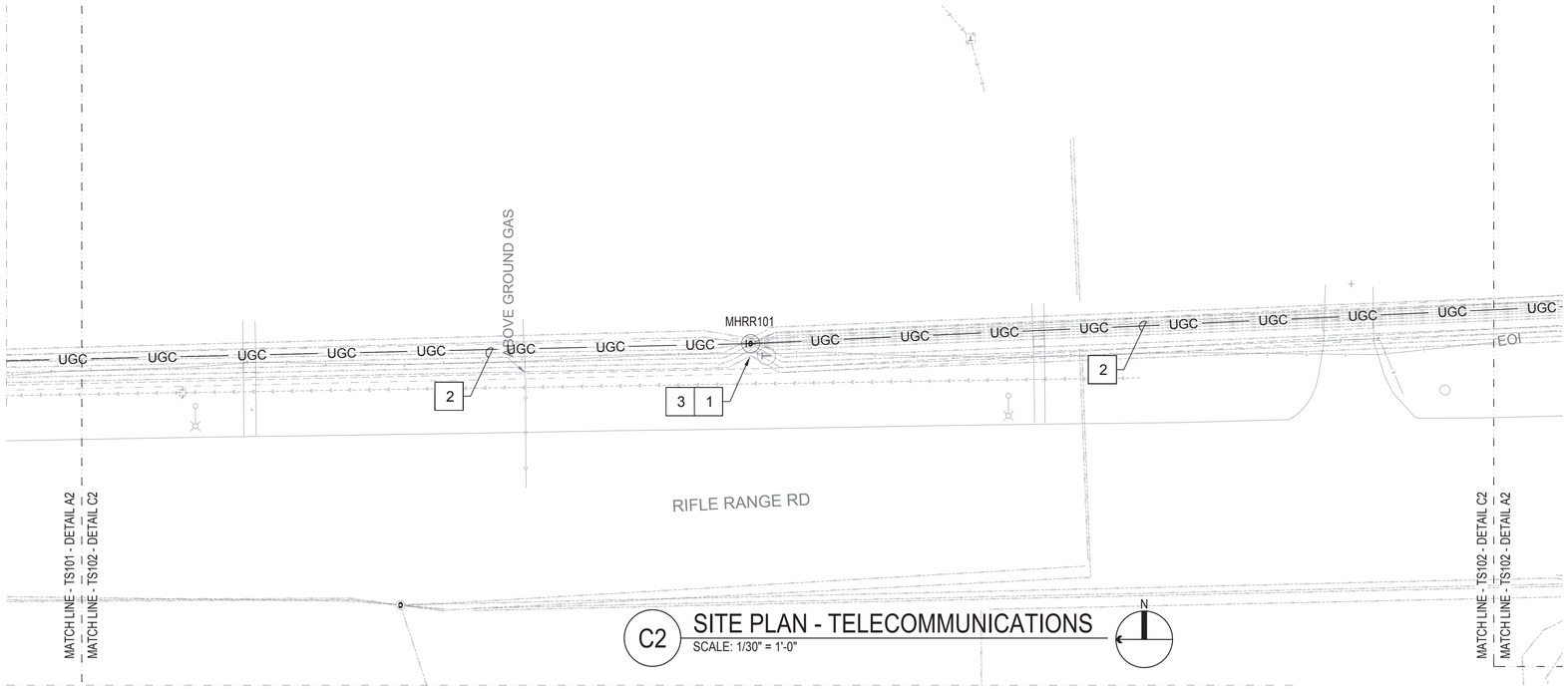
SITE PLAN - TELECOMMUNICATIONS

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12903066
SHEET 249 OF 262

S
SITE

TS101

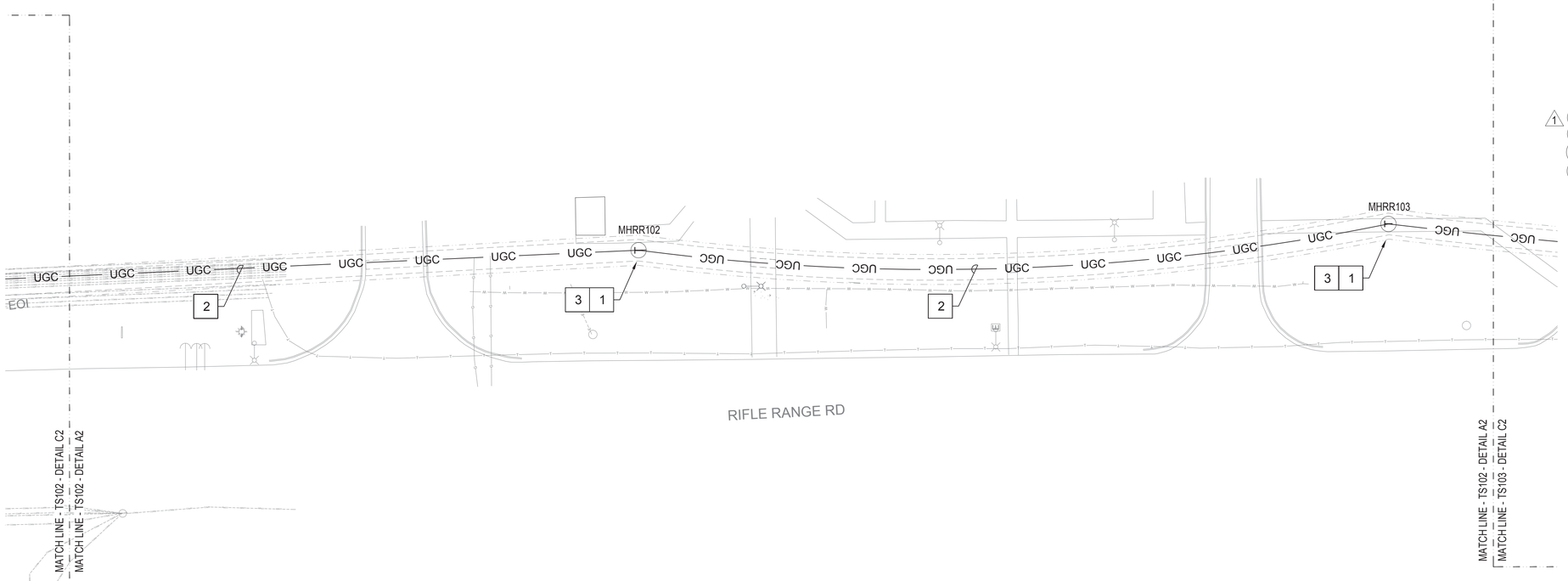
FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020



C2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"

PLAN NOTES:

1. EXISTING MANHOLE FOR OSP TELECOMMUNICATIONS SERVICE.
2. EXPAND EXISTING DUCT BANK TO ADD (6) 5" CONDUITS. PROVIDE 2400 PAIR OSP COPPER AND (2) 288 STRAND SINGLE MODE FIBER. PROVIDE (3) 3X3 FABRIC MESH INNERDUCT (9 PATHS) IN TWO CONDUITS. RUN NEW DUCT BANK ADJACENT TO EXISTING DUCT BANK. EXISTING DUCT BANK MAY NOT BE CONCRETE-ENCASED AND MUST BE PROTECTED DURING CONSTRUCTION OF NEW DUCT BANK. DUCT BANK MUST HAVE 24" OF COVER. MANHOLE MAY REQUIRE EXPANSION TO ACCOMMODATE NEW CONDUITS. COORDINATE WITH BASE TELEPHONE FOR DUCTBANK SCHEDULE CABLING REQUIREMENTS.
3. SPLICING POINT FOR OSP COPPER AND FIBER CABLING.



A2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"

NOTES:

1. COORDINATE CABLE AND INNERDUCT LOCATIONS WITHIN DUCT BANK WITH BASE COMMUNICATIONS PRIOR TO BEGINNING WORK.
2. COMMUNICATIONS DUCT BANK MUST HAVE 24" OF COVER.
3. ALL NEW DUCT BANK INSTALLATIONS MUST CLOSELY COORDINATE WITH EXISTING UTILITY CONDITIONS TO INCLUDE, BUT NOT BE LIMITED TO, SITE LIGHTS, POLES, GUY WIRES AND UNDERGROUND LIGHTING CIRCUITS.

GRAPHIC SCALE: 1/30"=1'-0"
30' 0 15' 30' 60'

SYM	DESCRIPTION	DATE	APPR
1	SITE TELECOM REVISION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 34954 JEFFREY T. RUSTMAN 6-4-26

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Raleigh, North Carolina 27609
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A/E INFO

APPROVED
FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO
DES DRW CHK
PM/DM SGL/MDM
BRANCH MANAGER WRB
CHIEF ENG/ARCH JWJ
FIRE PROTECTION HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MIDATLANTIC
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

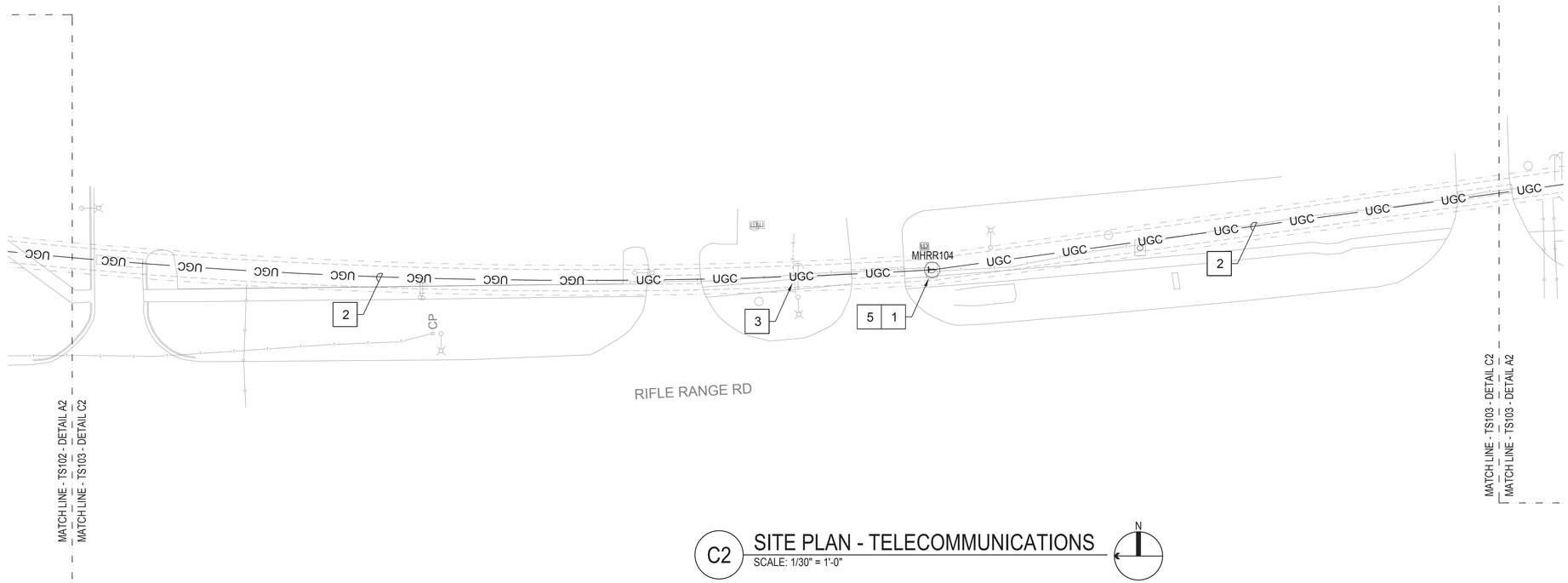
SITE PLAN - TELECOMMUNICATIONS

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12903067
SHEET 250 OF 262

S
SITE

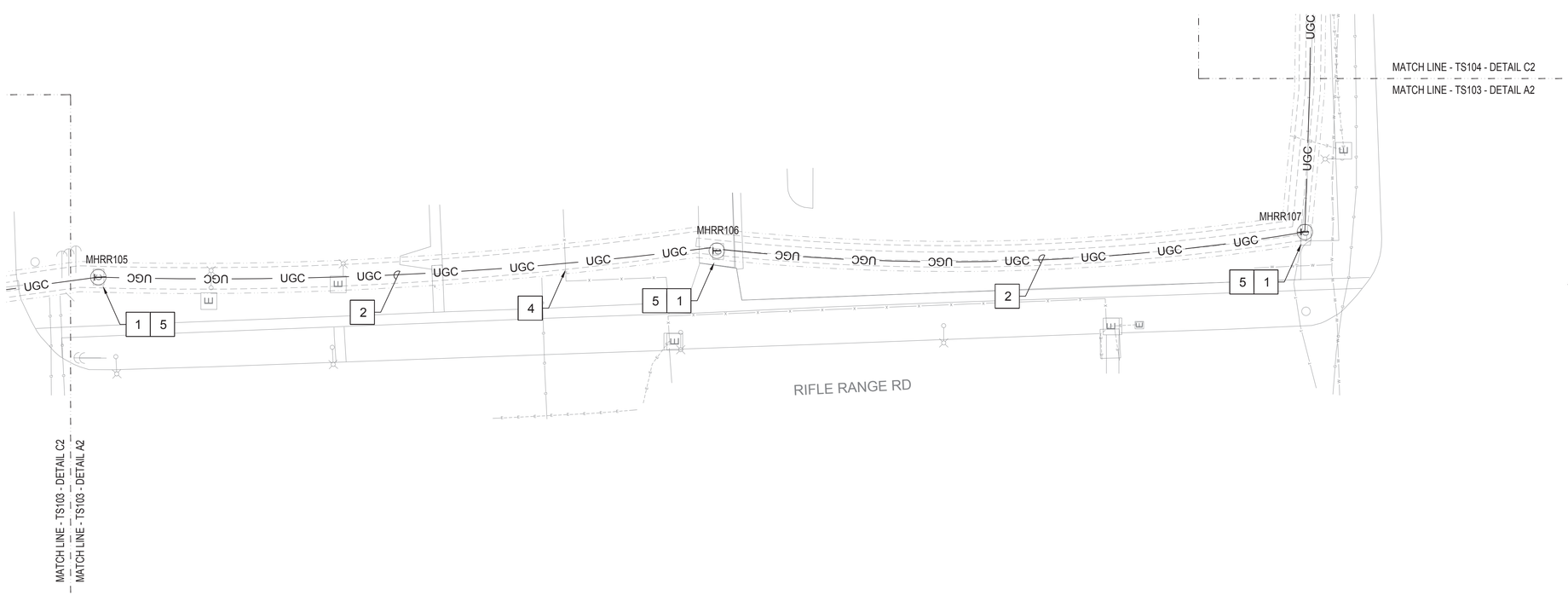
TS102

FINAL SUBMITTAL DRAWFORM REVISION: 25 AUGUST 2020



C2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"

N



A2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"

N

PLAN NOTES:

1. EXISTING MANHOLE FOR OSP TELECOMMUNICATIONS SERVICE.
2. EXPAND EXISTING DUCT BANK TO ADD (6) 5" CONDUITS. PROVIDE 2400 PAIR OSP COPPER AND (2) 288 STRAND SINGLE MODE FIBER. PROVIDE (3) 3X3 FABRIC MESH INNERDUCT (9 PATHS) IN TWO CONDUITS. RUN NEW DUCT BANK ADJACENT TO EXISTING DUCT BANK. EXISTING DUCT BANK MAY NOT BE CONCRETE-ENCASED AND MUST BE PROTECTED DURING CONSTRUCTION OF NEW DUCT BANK. DUCT BANK MUST HAVE 24" OF COVER. MANHOLE MAY REQUIRE EXPANSION TO ACCOMMODATE NEW CONDUITS. COORDINATE WITH BASE TELEPHONE FOR DUCTBANK SCHEDULE CABLING REQUIREMENTS.
3. ELECTRICAL GUY WIRE TO BE REMOVED TO ACCOMMODATE CONSTRUCTION OF NEW DUCT BANK. GUY WIRE MUST BE REINSTALLED UPON COMPLETION OF DUCT BANK SECTION IN THIS AREA.
4. CHAIN LINK FENCE TO BE REMOVED TO ACCOMMODATE CONSTRUCTION OF NEW DUCT BANK. FENCE MUST BE REINSTALLED UPON COMPLETION OF DUCT BANK SECTION IN THIS AREA.
5. SPLICING POINT FOR OSP COPPER AND FIBER CABLING.

NOTES:

1. COORDINATE CABLE AND INNERDUCT LOCATIONS WITHIN DUCT BANK WITH BASE COMMUNICATIONS PRIOR TO BEGINNING WORK.
2. COMMUNICATIONS DUCT BANK MUST HAVE 24" OF COVER.
3. ALL NEW DUCT BANK INSTALLATIONS MUST CLOSELY COORDINATE WITH EXISTING UTILITY CONDITIONS TO INCLUDE, BUT NOT BE LIMITED TO, SITE LIGHTS, POLES, GUY WIRES AND UNDERGROUND LIGHTING CIRCUITS.

GRAPHIC SCALE: 1/30"=1'-0"
30' 0 15' 30' 60'

SYM	SITE TELECOM REVISION DESCRIPTION	DATE	APPR
1		04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 34954 JEFFREY T. RUSTMAN 6-4-26

CRENSHAW CONSULTING
NC LICENSE #C-1500
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3616 North Ellis Ave, Suite 205
Raleigh, North Carolina 27610
919-571-9270 Fax 571-9669

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO
DES DRW CHK
PM/DM SGL/MDM
BRANCH MANAGER WRB
CHIEF ENG/ARCH JWJ
FIRE PROTECTION HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

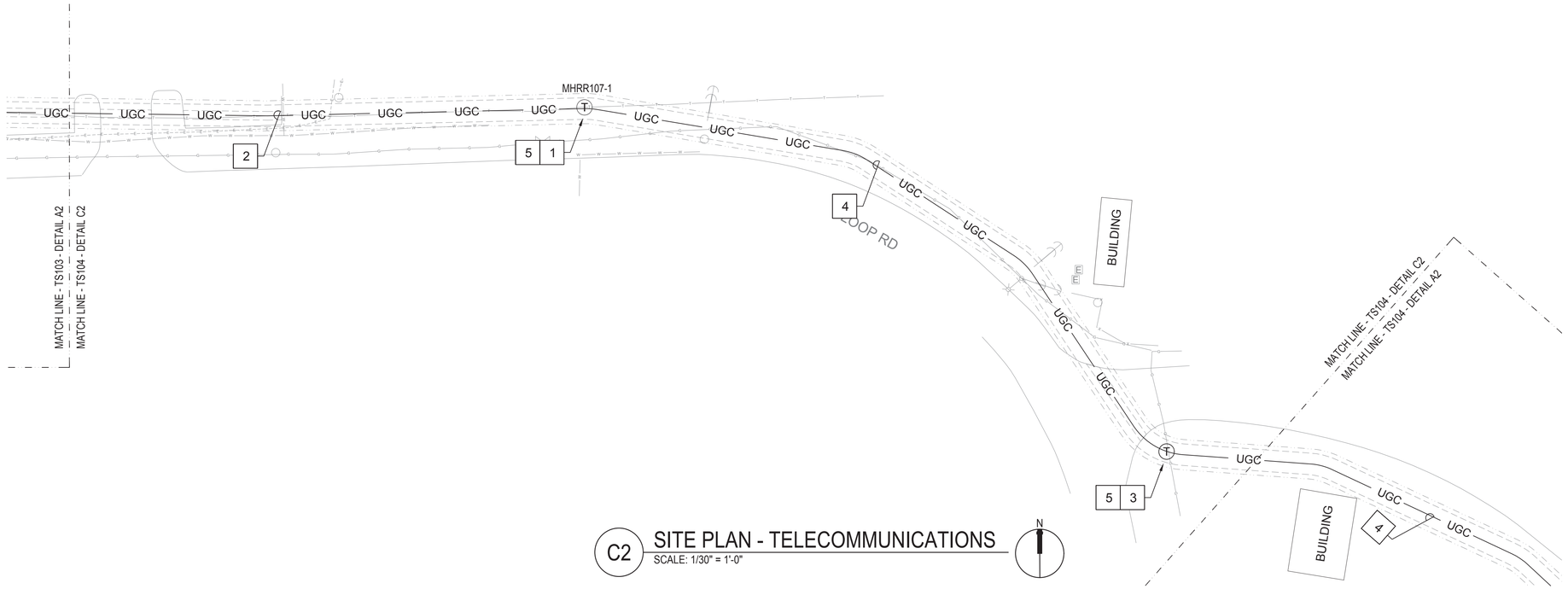
SITE PLAN - TELECOMMUNICATIONS

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12903068
SHEET 251 OF 262

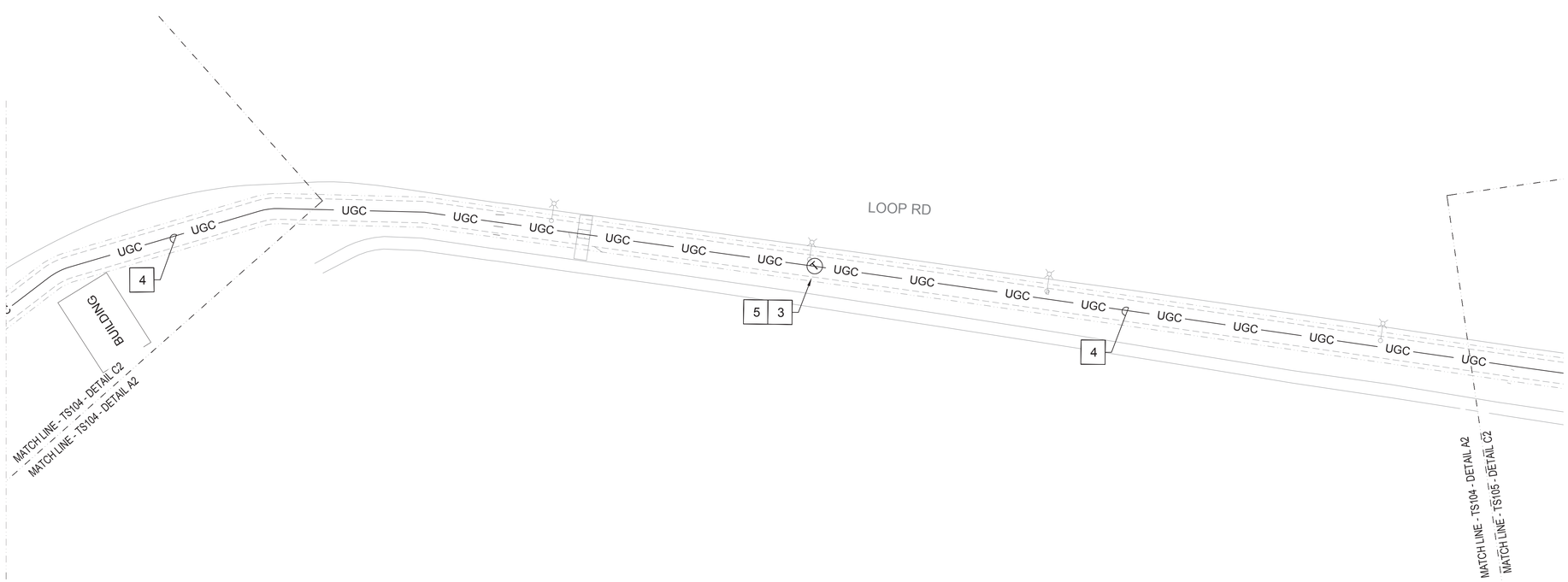
S
SITE

TS103

FINAL SUBMITTAL DRAWFORM REVISION: 25 AUGUST 2020



C2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"



A2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"

PLAN NOTES:

1. EXISTING MANHOLE FOR OSP TELECOMMUNICATIONS SERVICE.
2. EXPAND EXISTING DUCT BANK TO ADD (6) 5" CONDUITS. PROVIDE 2400 PAIR OSP COPPER AND (2) 288 STRAND SINGLE MODE FIBER. PROVIDE (3) 3X3 FABRIC MESH INNERDUCT (9 PATHS) IN TWO CONDUITS. RUN NEW DUCT BANK ADJACENT TO EXISTING DUCT BANK. EXISTING DUCT BANK MAY NOT BE CONCRETE-ENCASED AND MUST BE PROTECTED DURING CONSTRUCTION OF NEW DUCT BANK. DUCT BANK MUST HAVE 24" OF COVER. MANHOLE MAY REQUIRE EXPANSION TO ACCOMMODATE NEW CONDUITS. COORDINATE WITH BASE TELEPHONE FOR DUCTBANK SCHEDULE CABLING REQUIREMENTS.
3. PROVIDE TYPE 4, TRAFFIC-RATED MANHOLE FOR OSP TELECOMMUNICATIONS SERVICE.
4. PROVIDE (4) 5" CONDUIT DUCT BANK FOR OSP TELECOMMUNICATIONS SERVICE. PROVIDE 2400 PAIR OSP COPPER AND (2) 288 STRAND SINGLE MODE FIBER. PROVIDE 3X3 FABRIC MESH INNERDUCT IN TWO CONDUITS.
5. SPLICING POINT FOR OSP COPPER AND FIBER CABLING.

NOTES:

1. COORDINATE CABLE AND INNERDUCT LOCATIONS WITHIN DUCT BANK WITH BASE COMMUNICATIONS PRIOR TO BEGINNING WORK.
2. COMMUNICATIONS DUCT BANK MUST HAVE 24" OF COVER.
3. ALL NEW DUCT BANK INSTALLATIONS MUST CLOSELY COORDINATE WITH EXISTING UTILITY CONDITIONS TO INCLUDE, BUT NOT BE LIMITED TO, SITE LIGHTS, POLES, GUY WIRES AND UNDERGROUND LIGHTING CIRCUITS.

GRAPHIC SCALE: 1/30"=1'-0"
30' 0 15' 30' 60'

SYM	DESCRIPTION	DATE	APPR
1	SITE TELECOM REVISION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 34954 JEFFREY T. RUSTMAN 6-4-26

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FIRE PROTECTION HPN

DEPARTMENT OF THE NAVY
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MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MIDATLANTIC
NAVAL STATION - NORFOLK, VA
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P-1550 SOF MARINE RAIDER
BATTALION / COMPANY / TEAM FACILITIES

SITE PLAN - TELECOMMUNICATIONS

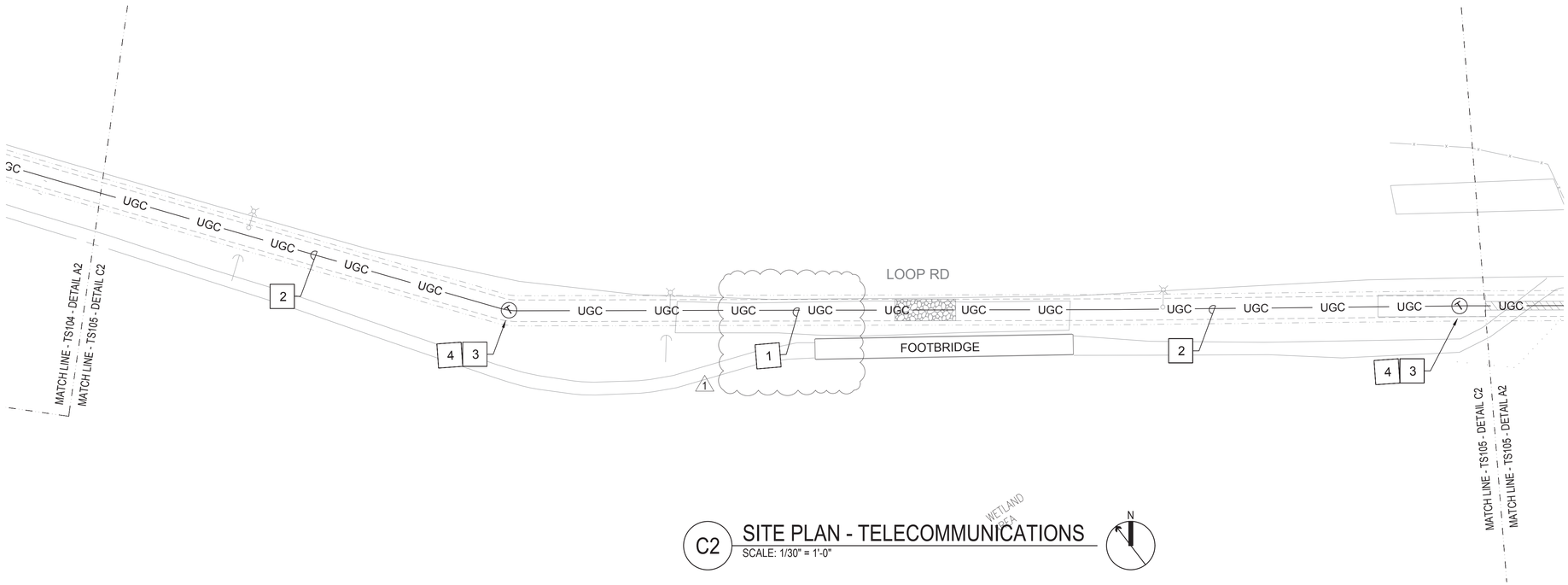
SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

NAVFAC DRAWING NO.
12903069
SHEET 252 OF 262

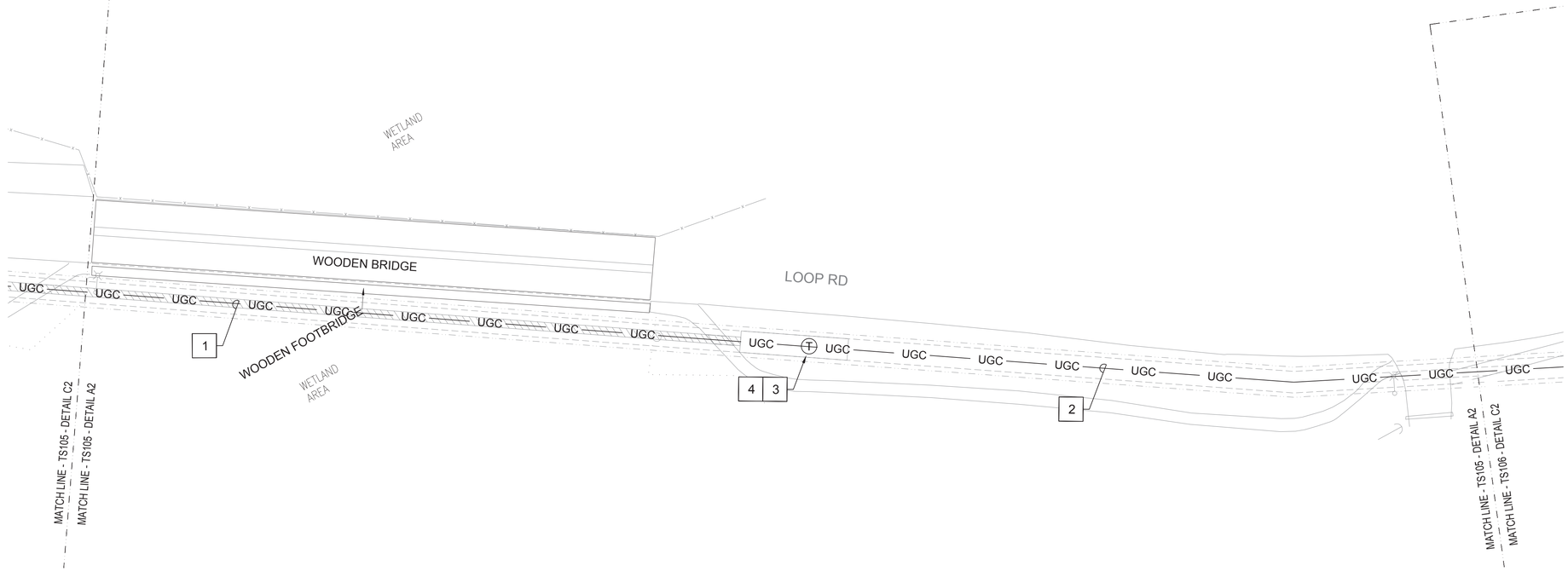
S
SITE

TS104

FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020



C2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"



A2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"

PLAN NOTES:

1. PORTION OF DUCT BANK MUST BE DIRECTIONALLY BORED THROUGH WETLAND AREA.
2. PROVIDE (6) 5" CONDUIT DUCT BANK FOR OSP TELECOMMUNICATIONS SERVICE. PROVIDE 2400 PAIR OSP COPPER AND (2) 288 STRAND SINGLE MODE FIBER. PROVIDE (3) 3X3 FABRIC MESH INNERDUCT (9 PATHS) IN TWO CONDUITS. DUCT BANK MUST HAVE 24" OF COVER. COORDINATE WITH BASE TELEPHONE FOR DUCTBANK SCHEDULE CABLING REQUIREMENTS.
3. PROVIDE TYPE 4, TRAFFIC-RATED MANHOLE FOR OSP TELECOMMUNICATIONS SERVICE.
4. SPLICING POINT FOR OSP COPPER AND FIBER CABLING.

NOTES:

1. COORDINATE CABLE AND INNERDUCT LOCATIONS WITHIN DUCT BANK WITH BASE COMMUNICATIONS PRIOR TO BEGINNING WORK.
2. COMMUNICATIONS DUCT BANK MUST HAVE 24" OF COVER.
3. ALL NEW DUCT BANK INSTALLATIONS MUST CLOSELY COORDINATE WITH EXISTING UTILITY CONDITIONS TO INCLUDE, BUT NOT BE LIMITED TO, SITE LIGHTS, POLES, GUY WIRES AND UNDERGROUND LIGHTING CIRCUITS.

GRAPHIC SCALE: 1/30"=1'-0"
30' 0 15' 30' 60'

SYM	DESCRIPTION	DATE	APPR
1	SITE TELECOM REVISION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 34954 JEFFREY T. RUSTMAN 6/4/26

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Raleigh, North Carolina 27609
919-571-9270 Fax 571-9009

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY

SATISFACTORY TO		
DES	DRW	CHK
PM/DM		SGL/MDM
BRANCH MANAGER		WRB
CHIEF ENG/ARCH		JWJ
FIRE PROTECTION		HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA.
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

SITE PLAN - TELECOMMUNICATIONS

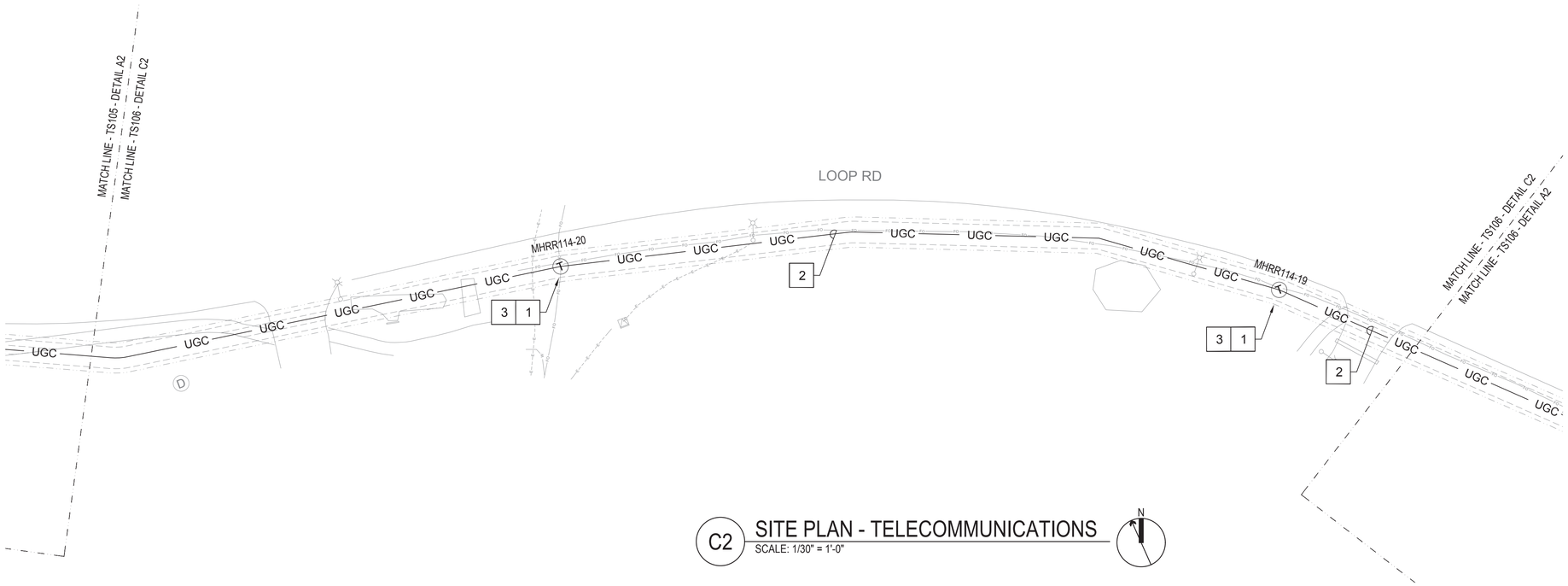
SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

NAVFAC DRAWING NO.
12903070
SHEET 253 OF 262

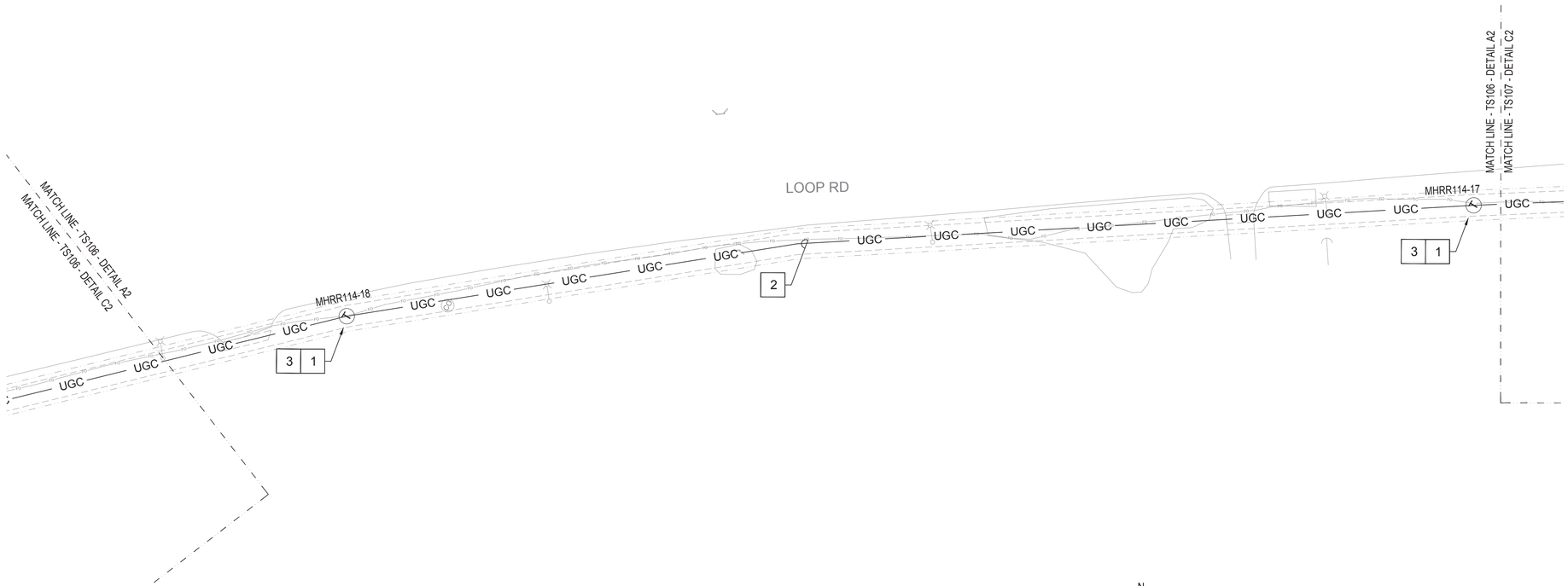
S
SITE

TS105

FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020



C2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"



A2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"

PLAN NOTES:

1. EXISTING MANHOLE FOR OSP TELECOMMUNICATIONS SERVICE.
2. EXPAND EXISTING DUCT BANK TO ADD (6) 5" CONDUITS. PROVIDE 2400 PAIR OSP COPPER AND (2) 288 STRAND SINGLE MODE FIBER. PROVIDE (3) 3X3 FABRIC MESH INNERDUCT (9 PATHS) IN TWO CONDUITS. RUN NEW DUCT BANK ADJACENT TO EXISTING DUCT BANK. EXISTING DUCT BANK MAY NOT BE CONCRETE-ENCASED AND MUST BE PROTECTED DURING CONSTRUCTION OF NEW DUCT BANK. DUCT BANK MUST HAVE 24" OF COVER. MANHOLE MAY REQUIRE EXPANSION TO ACCOMMODATE NEW CONDUITS. COORDINATE WITH BASE TELEPHONE FOR DUCTBANK SCHEDULE CABLING REQUIREMENTS.
3. SPLICING POINT FOR OSP COPPER AND FIBER CABLING.

NOTES:

1. COORDINATE CABLE AND INNERDUCT LOCATIONS WITHIN DUCT BANK WITH BASE COMMUNICATIONS PRIOR TO BEGINNING WORK.
2. COMMUNICATIONS DUCT BANK MUST HAVE 24" OF COVER.
3. ALL NEW DUCT BANK INSTALLATIONS MUST CLOSELY COORDINATE WITH EXISTING UTILITY CONDITIONS TO INCLUDE, BUT NOT BE LIMITED TO, SITE LIGHTS, POLES, GUY WIRES AND UNDERGROUND LIGHTING CIRCUITS.

GRAPHIC SCALE: 1/30"=1'-0"
30' 0 15' 30' 60'

SYM	DESCRIPTION	DATE	APPR
1	SITE TELECOM REVISION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 34954 JEFFREY T. RUSSMAN 6-4-26

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A/E INFO

APPROVED
FOR COMMANDER NAVFAC 6/10/2026
ACTIVITY
SATISFACTORY TO
DES DRW CHK
PM/DM SGL/MDM
BRANCH MANAGER WRB
CHIEF ENG/ARCH JWJ
FIRE PROTECTION HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CODE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

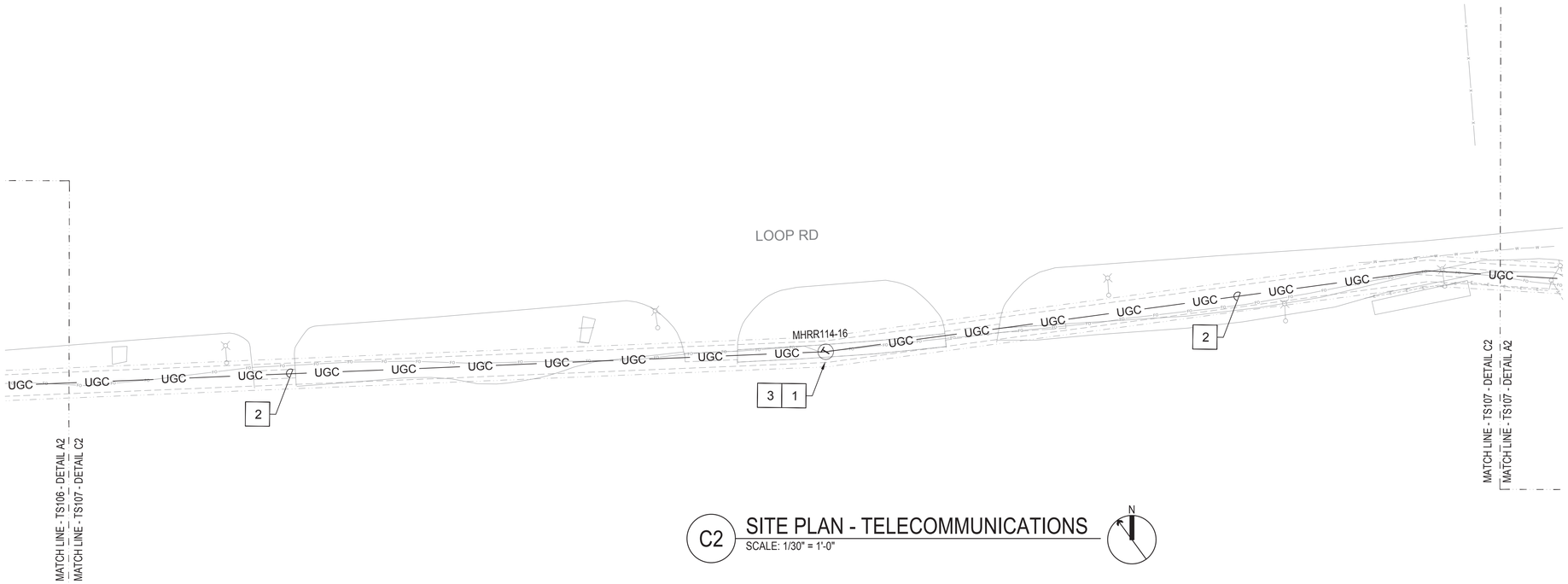
SITE PLAN - TELECOMMUNICATIONS

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12903071
SHEET 254 OF 262

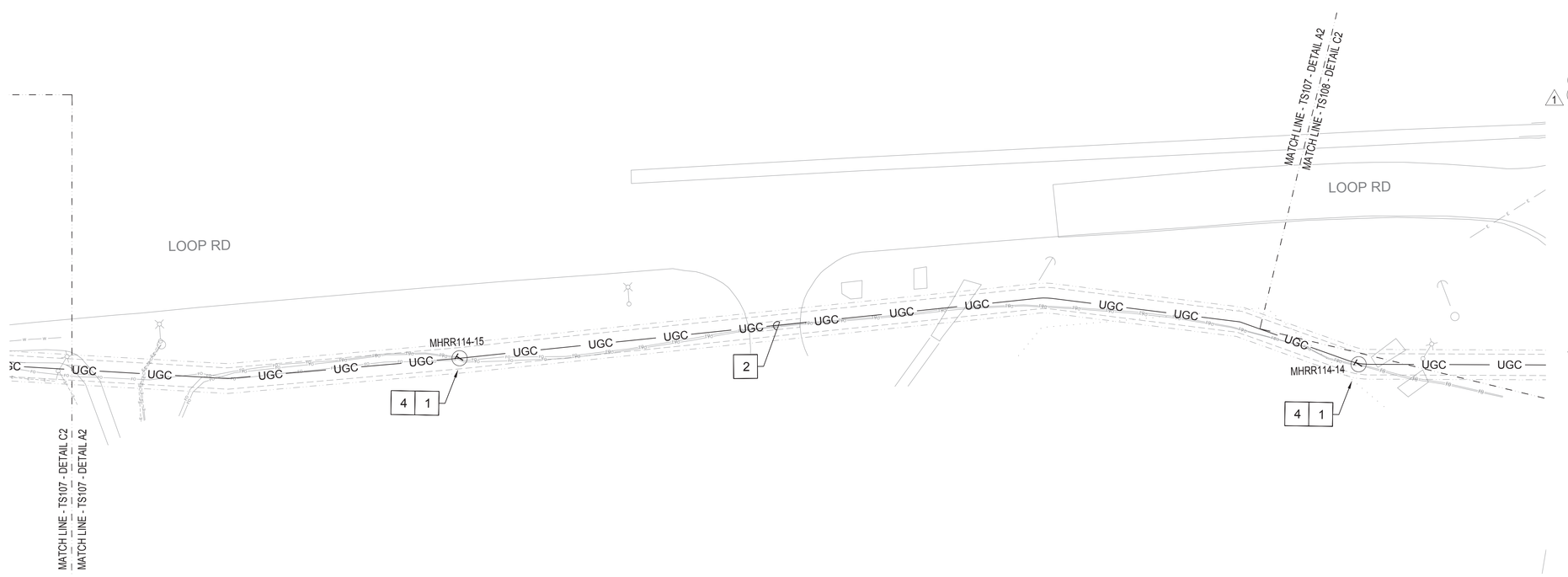
S
SITE

TS106

FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020



C2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"



A2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"

PLAN NOTES:

1 EXISTING MANHOLE FOR OSP TELECOMMUNICATIONS SERVICE.

2 EXPAND EXISTING DUCT BANK TO ADD (6) 5" CONDUITS. PROVIDE 2400 PAIR OSP COPPER AND (2) 288 STRAND SINGLE MODE FIBER. PROVIDE (3) 3X3 FABRIC MESH INNERDUCT (9 PATHS) IN TWO CONDUITS. RUN NEW DUCT BANK ADJACENT TO EXISTING DUCT BANK. EXISTING DUCT BANK MAY NOT BE CONCRETE-ENCASED AND MUST BE PROTECTED DURING CONSTRUCTION OF NEW DUCT BANK. DUCT BANK MUST HAVE 24" OF COVER. MANHOLE MAY REQUIRE EXPANSION TO ACCOMMODATE NEW CONDUITS. COORDINATE WITH BASE TELEPHONE FOR DUCTBANK SCHEDULE CABLING REQUIREMENTS.

3 SPLICING POINT FOR OSP COPPER AND FIBER CABLING.

4 SPLICING POINT FOR OSP COPPER AND FIBER CABLING.

NOTES:

1. COORDINATE CABLE AND INNERDUCT LOCATIONS WITHIN DUCT BANK WITH BASE COMMUNICATIONS PRIOR TO BEGINNING WORK.
2. COMMUNICATIONS DUCT BANK MUST HAVE 24" OF COVER.
3. ALL NEW DUCT BANK INSTALLATIONS MUST CLOSELY COORDINATE WITH EXISTING UTILITY CONDITIONS TO INCLUDE, BUT NOT BE LIMITED TO, SITE LIGHTS, POLES, GUY WIRES AND UNDERGROUND LIGHTING CIRCUITS.

GRAPHIC SCALE: 1/30"=1'-0"
30' 0 15' 30' 60'

SYM	DESCRIPTION	DATE	APPR
1	SITE TELECOM REVISION	04 JUN 2026	

NAVFAC

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SEAL

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A/E INFO

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DES / DRW / CHK	
PM/DM	SGL/MDM
BRANCH MANAGER	WRB
CHIEF ENG/ARCH	JWJ
FIRE PROTECTION	HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

SITE PLAN - TELECOMMUNICATIONS

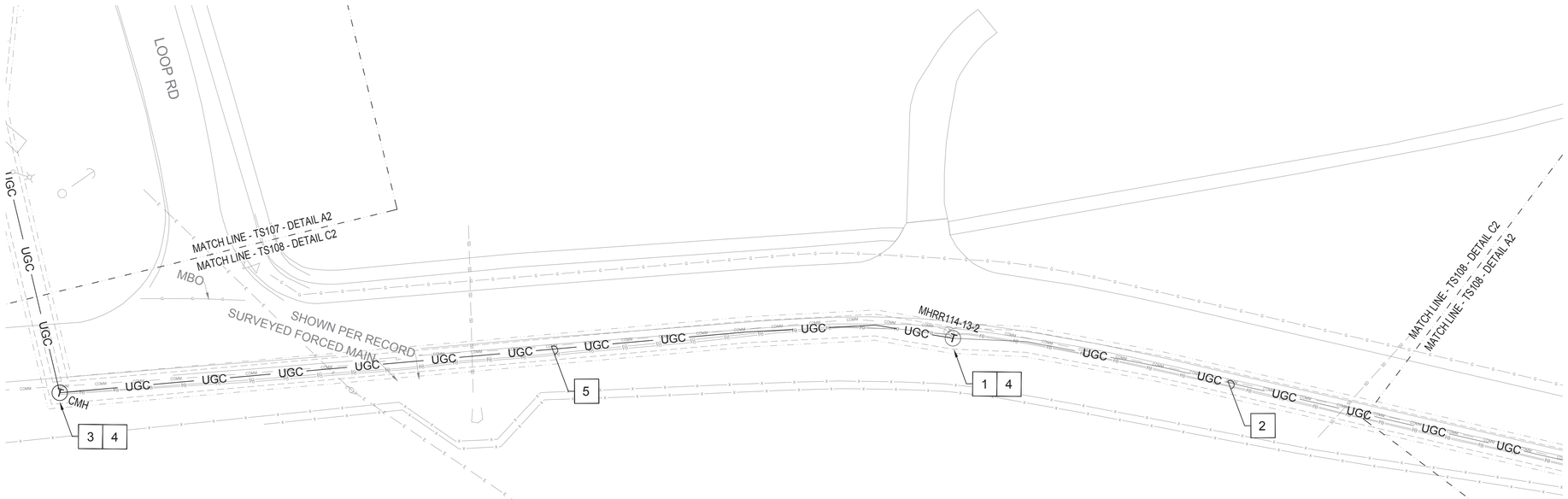
SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

NAVFAC DRAWING NO.
12903072
SHEET 255 OF 262

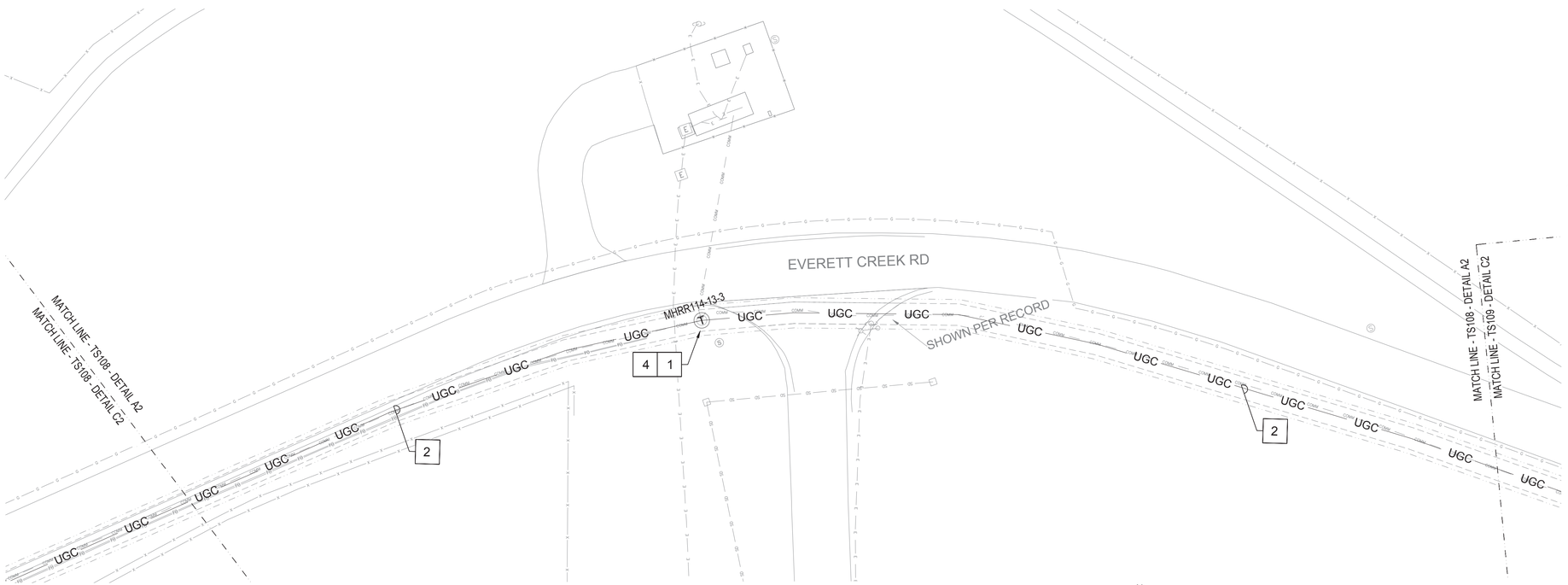
S
SITE

TS107

FINAL SUBMITTAL DRAWFORM REVISION: 25 AUGUST 2020



C2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"



A2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"

PLAN NOTES:

1. EXISTING MANHOLE FOR OSP TELECOMMUNICATIONS SERVICE.
2. PROVIDE 1800 PAIR OSP COPPER AND (1) 288 STRAND AND (1) 96 STRAND SINGLE MODE FIBER IN EXISTING DUCT BANK. COORDINATE WITH BASE TELEPHONE FOR DUCTBANK SCHEDULE CABLING REQUIREMENTS.
3. PROVIDE TYPE 4, TRAFFIC-RATED MANHOLE FOR OSP TELECOMMUNICATIONS SERVICE.
4. SPLICING POINT FOR OSP COPPER AND FIBER CABLING.
5. EXPAND EXISTING DUCT BANK TO ADD (4) 5" CONDUITS. PROVIDE 1800 PAIR OSP COPPER AND (1) 288 STRAND AND (1) 96 STRAND SINGLE MODE FIBER. PROVIDE (2) 3X3 FABRIC MESH INNERDUCT (6 PATHS) IN TWO CONDUITS. RUN NEW DUCT BANK ADJACENT TO EXISTING DUCT BANK. EXISTING DUCT BANK MAY NOT BE CONCRETE-ENCASED AND MUST BE PROTECTED DURING CONSTRUCTION OF NEW DUCT BANK. DUCT BANK MUST HAVE 24" OF COVER. MANHOLE MAY REQUIRE EXPANSION TO ACCOMMODATE NEW CONDUITS. COORDINATE WITH BASE TELEPHONE FOR DUCTBANK SCHEDULE CABLING REQUIREMENTS. (1)

NOTES:

1. COORDINATE CABLE AND INNERDUCT LOCATIONS WITHIN DUCT BANK WITH BASE COMMUNICATIONS PRIOR TO BEGINNING WORK.
2. COMMUNICATIONS DUCT BANK MUST HAVE 24" OF COVER.
3. ALL NEW DUCT BANK INSTALLATIONS MUST CLOSELY COORDINATE WITH EXISTING UTILITY CONDITIONS TO INCLUDE, BUT NOT BE LIMITED TO, SITE LIGHTS, POLES, GUY WIRES AND UNDERGROUND LIGHTING CIRCUITS. (1)

GRAPHIC SCALE: 1/30"=1'-0"
30' 0 15' 30' 60'

SYM	DESCRIPTION	DATE	APPR
1	SITE TELECOM REVISION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 34954 JEFFREY T. RUSSMAN 6-4-26

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A/E INFO

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ACTIVITY

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DES | DRW | CHK
PM/DM SGL/MDM
BRANCH MANAGER WRB
CHIEF ENG/ARCH JWJ
FIRE PROTECTION HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT EX: CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

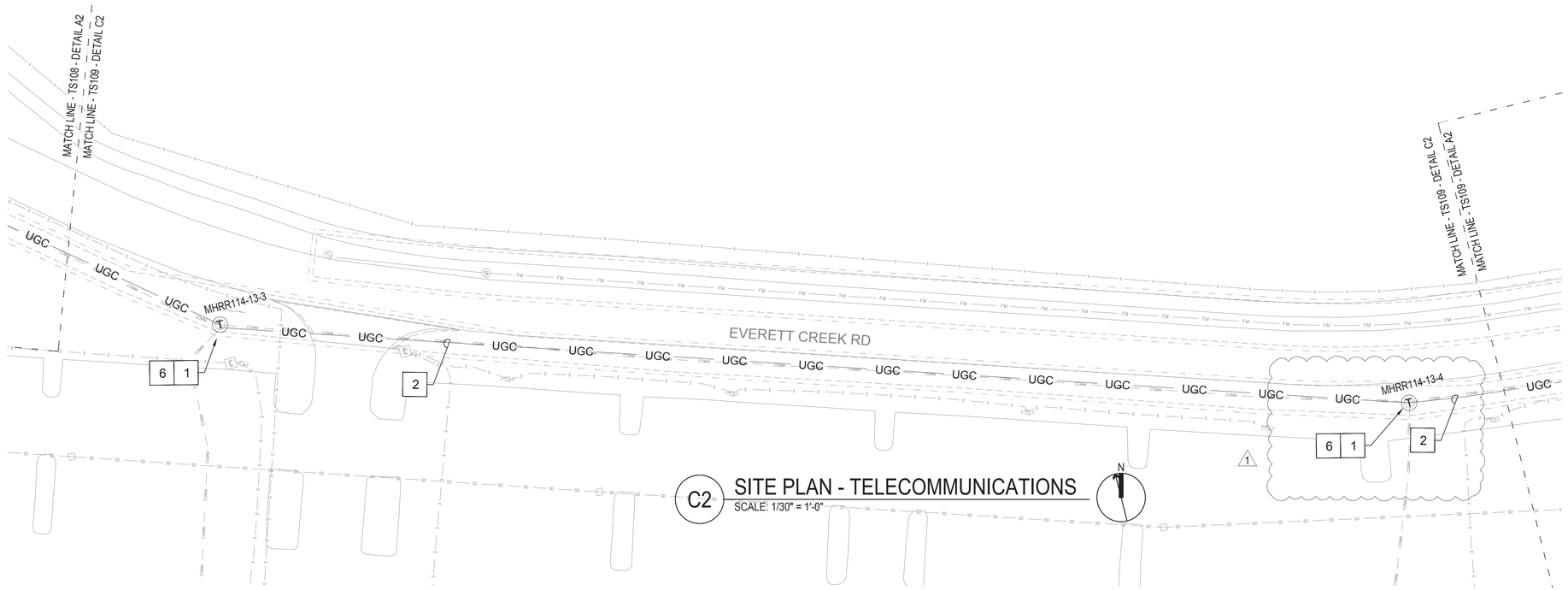
SITE PLAN - TELECOMMUNICATIONS

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

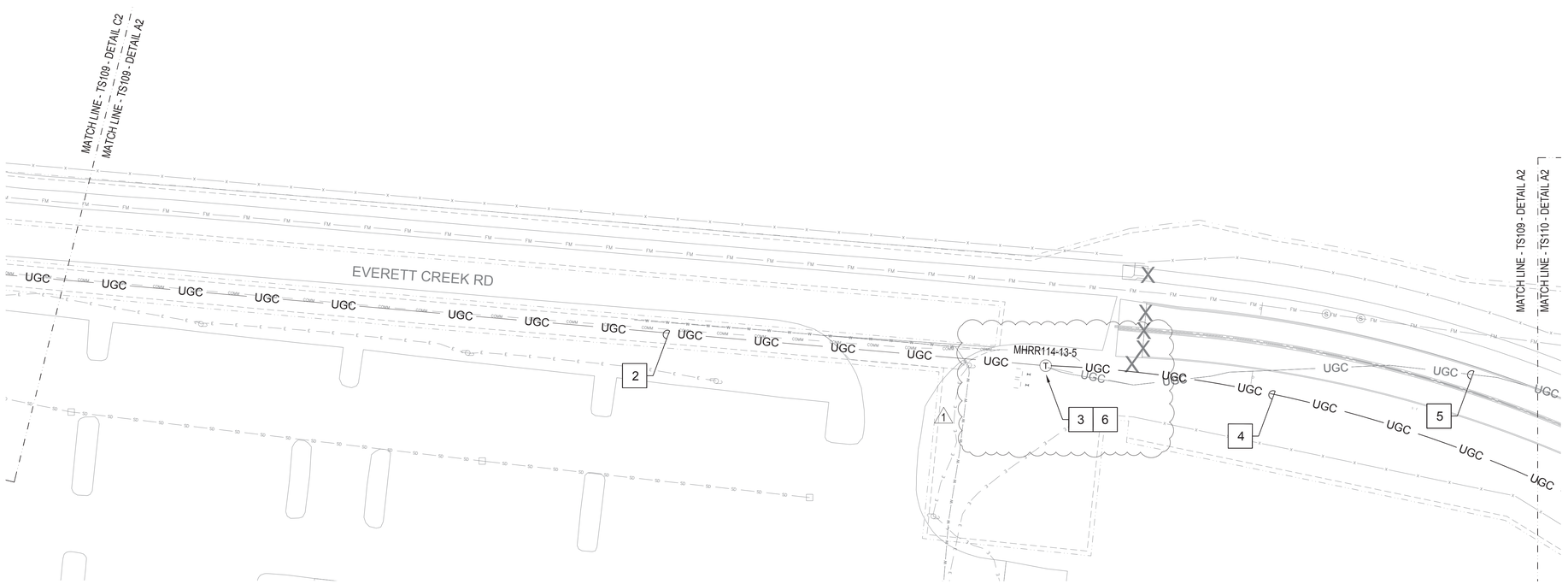
S
SITE

NAVFAC DRAWING NO.
12903073
SHEET 256 OF 262
TS108

FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020



C2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"



A2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"

COURTHOUSE BAY OSP NOTES:

1. EXISTING UNDERGROUND FIBER OPTIC FOR COURTHOUSE BAY OSP SERVICE HAS SHALLOW COVERAGE AND MAY BE EXPOSED DURING CONSTRUCTION. CONTRACTOR MUST PROTECT AND KEEP OPERATIONAL THROUGHOUT CONSTRUCTION.
2. NEW DUCTBANK MUST BE INSTALLED FIRST SUCH THAT COURTHOUSE BAY CAN BE CUTOVER EARLIER IN CONSTRUCTION SCHEDULE AND CONTINUITY OF COURTHOUSE BAY SERVICE IS MAINTAINED.

PLAN NOTES:

1. EXISTING MANHOLE FOR OSP TELECOMMUNICATIONS SERVICE.
2. PROVIDE 1800 PAIR OSP COPPER AND (1) 288 STRAND AND (1) 96 STRAND SINGLE MODE FIBER IN EXISTING DUCT BANK FROM MANHOLE AT CORNER OF EVERETT CREEK ROAD AND EXPEDITIONARY ROAD. COORDINATE WITH BASE TELEPHONE FOR DUCTBANK SCHEDULE CABLING REQUIREMENTS.
3. CONNECT NEW DUCT BANK TO EXISTING MANHOLE.
4. PROVIDE 4-4" CONCRETE-ENCASED COMM DUCTBANK FOR OSP TELECOMMUNICATIONS SERVICE. PROVIDE 1800 PAIR OSP COPPER AND (1) 288 STRAND AND (1) 96 STRAND SINGLE MODE FIBER. PROVIDE (2) 3X3 FABRIC MESH INNERDUCT (6 PATHS) IN TWO CONDUITS. SEE DETAILS AND BUILDING PLANS FOR MORE INFORMATION. COORDINATE WITH BASE TELEPHONE FOR DUCTBANK SCHEDULE CABLING REQUIREMENTS.
5. APPROXIMATE LOCATION OF EXISTING COURTHOUSE BAY OSP TELECOMMUNICATIONS SERVICES.
6. SPLICING POINT FOR OSP COPPER AND FIBER CABLING.

NOTES:

1. COORDINATE CABLE AND INNERDUCT LOCATIONS WITHIN DUCT BANK WITH BASE COMMUNICATIONS PRIOR TO BEGINNING WORK.
2. COMMUNICATIONS DUCT BANK MUST HAVE 24" OF COVER.
3. ALL NEW DUCT BANK INSTALLATIONS MUST CLOSELY COORDINATE WITH EXISTING UTILITY CONDITIONS TO INCLUDE, BUT NOT BE LIMITED TO, SITE LIGHTS, POLES, GUY WIRES AND UNDERGROUND LIGHTING CIRCUITS.

GRAPHIC SCALE: 1/30"=1'-0"
30' 0 15' 30' 60'

SYM	DESCRIPTION	DATE	APPR
1	SITE TELECOM REVISION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER 34954 JEFFREY T. ROSEMAN 6-4-26
SEAL

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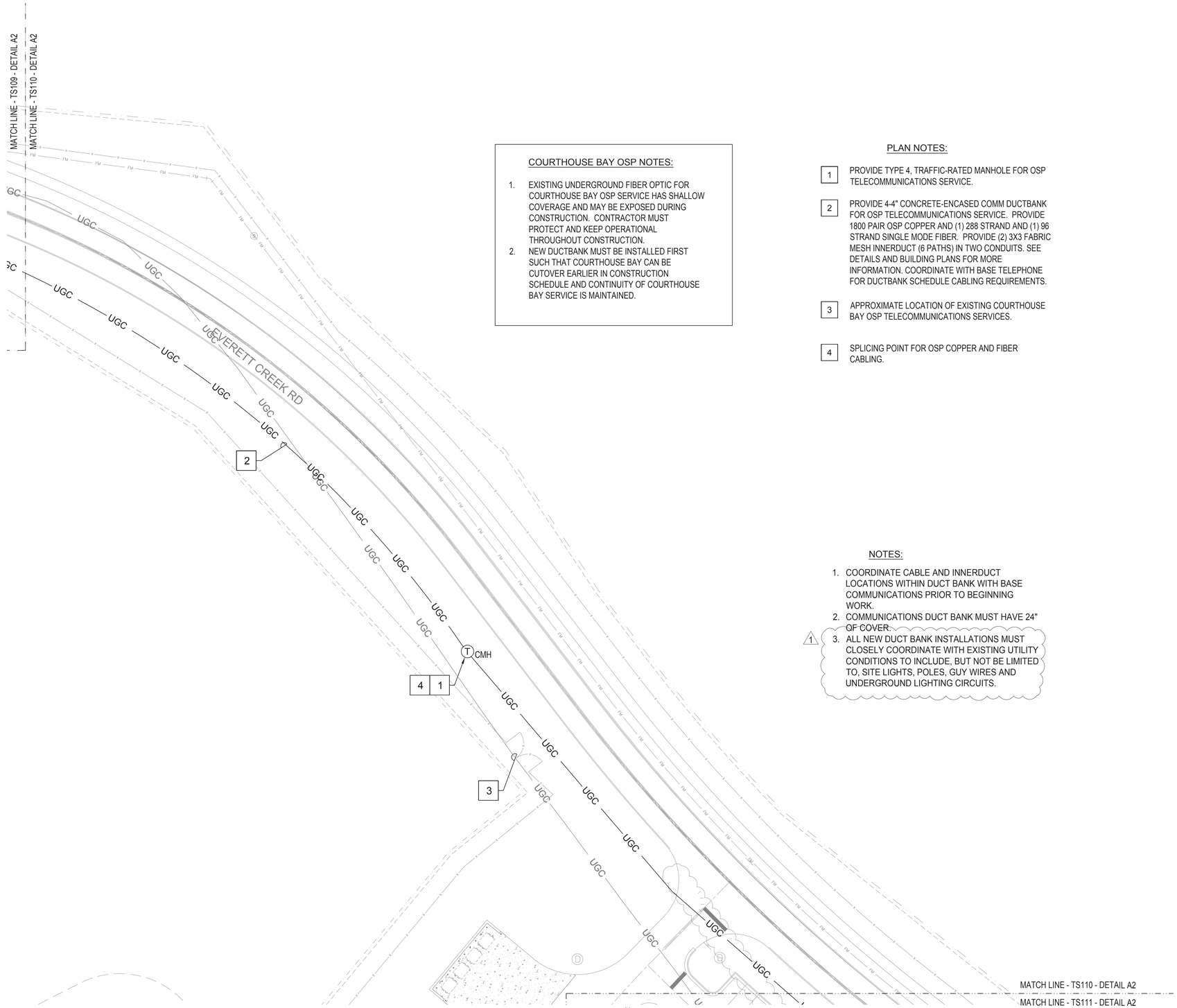
FIRE PROTECTION HPN

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC
DEPARTMENT OF THE NAVY
MIDLANT DC CORE
MARINE CORPS BASE
P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES
SITE PLAN - TELECOMMUNICATIONS

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

NAVFAC DRAWING NO.
12903074
SHEET 257 OF 262
S SITE
TS109

FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020



COURTHOUSE BAY OSP NOTES:

1. EXISTING UNDERGROUND FIBER OPTIC FOR COURTHOUSE BAY OSP SERVICE HAS SHALLOW COVERAGE AND MAY BE EXPOSED DURING CONSTRUCTION. CONTRACTOR MUST PROTECT AND KEEP OPERATIONAL THROUGHOUT CONSTRUCTION.
2. NEW DUCTBANK MUST BE INSTALLED FIRST SUCH THAT COURTHOUSE BAY CAN BE CUTOVER EARLIER IN CONSTRUCTION SCHEDULE AND CONTINUITY OF COURTHOUSE BAY SERVICE IS MAINTAINED.

PLAN NOTES:

1. PROVIDE TYPE 4, TRAFFIC-RATED MANHOLE FOR OSP TELECOMMUNICATIONS SERVICE.
2. PROVIDE 4-4" CONCRETE-ENCASED COMM DUCTBANK FOR OSP TELECOMMUNICATIONS SERVICE. PROVIDE 1800 PAIR OSP COPPER AND (1) 288 STRAND AND (1) 96 STRAND SINGLE MODE FIBER. PROVIDE (2) 3X3 FABRIC MESH INNERDUCT (6 PATHS) IN TWO CONDUITS. SEE DETAILS AND BUILDING PLANS FOR MORE INFORMATION. COORDINATE WITH BASE TELEPHONE FOR DUCTBANK SCHEDULE CABLING REQUIREMENTS.
3. APPROXIMATE LOCATION OF EXISTING COURTHOUSE BAY OSP TELECOMMUNICATIONS SERVICES.
4. SPLICING POINT FOR OSP COPPER AND FIBER CABLING.

NOTES:

1. COORDINATE CABLE AND INNERDUCT LOCATIONS WITHIN DUCT BANK WITH BASE COMMUNICATIONS PRIOR TO BEGINNING WORK.
2. COMMUNICATIONS DUCT BANK MUST HAVE 24" OF COVER.
3. ALL NEW DUCT BANK INSTALLATIONS MUST CLOSELY COORDINATE WITH EXISTING UTILITY CONDITIONS TO INCLUDE, BUT NOT BE LIMITED TO, SITE LIGHTS, POLES, GUY WIRES AND UNDERGROUND LIGHTING CIRCUITS.

A2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"

GRAPHIC SCALE: 1/30"=1'-0"
30' 0 15' 30' 60'

SYM	DESCRIPTION	DATE	APPR
1	SITE TELECOM REVISION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER 34954 JEFFREY T. RUSSMAN 6-4-26
SEAL

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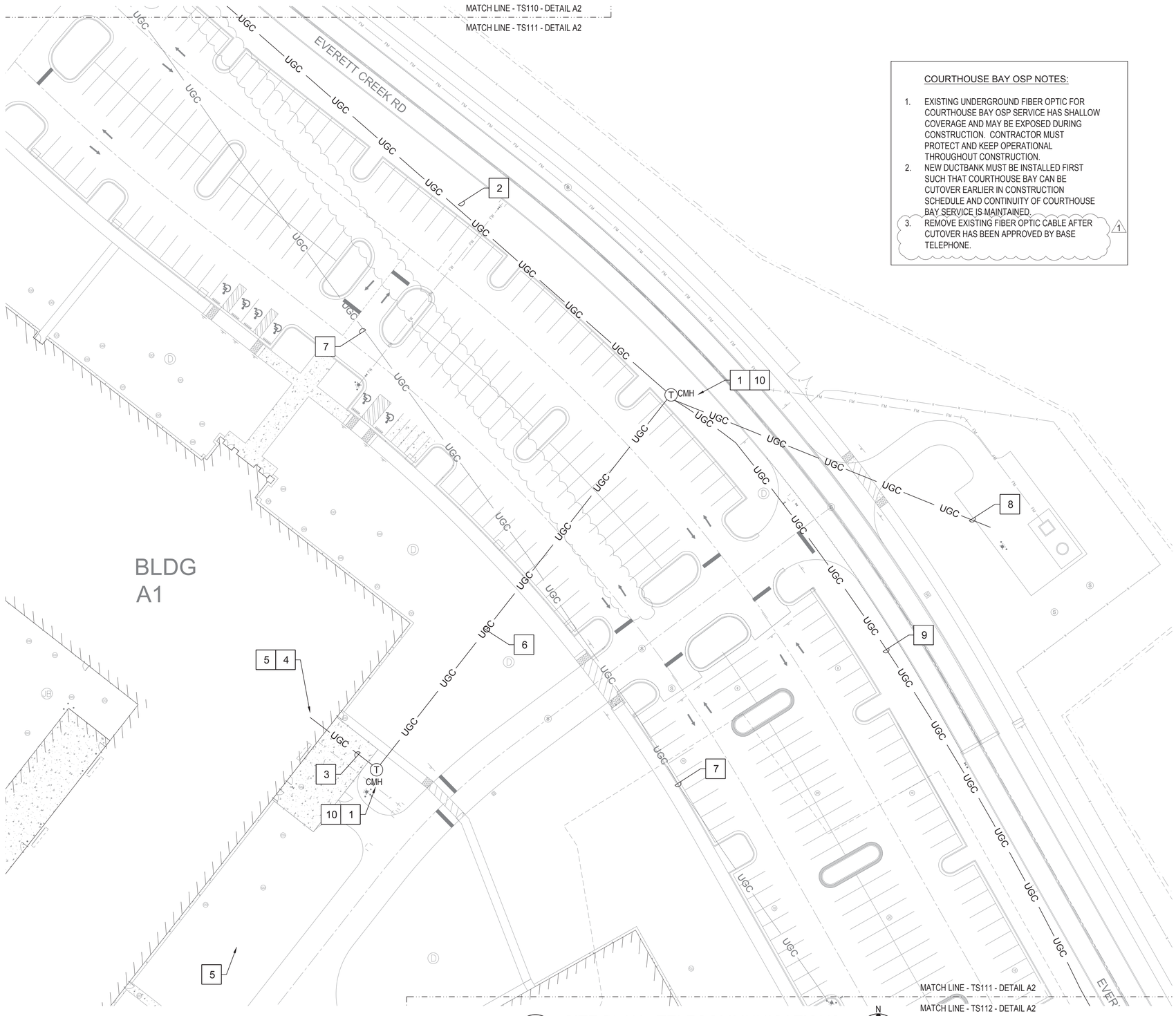
FIRE PROTECTION HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CORE
MARINE CORPS BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – MIDATLANTIC
NAVAL STATION – NORFOLK, VA
CAMP LEJEUNE, NC
P-1550 SOF MARINE RAIDER
BATTALION / COMPANY / TEAM FACILITIES
SITE PLAN - TELECOMMUNICATIONS

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12903075
SHEET 258 OF 262
TS110

S
SITE

FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020



A2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"

COURTHOUSE BAY OSP NOTES:

1. EXISTING UNDERGROUND FIBER OPTIC FOR COURTHOUSE BAY OSP SERVICE HAS SHALLOW COVERAGE AND MAY BE EXPOSED DURING CONSTRUCTION. CONTRACTOR MUST PROTECT AND KEEP OPERATIONAL THROUGHOUT CONSTRUCTION.
2. NEW DUCTBANK MUST BE INSTALLED FIRST SUCH THAT COURTHOUSE BAY CAN BE CUTOVER EARLIER IN CONSTRUCTION SCHEDULE AND CONTINUITY OF COURTHOUSE BAY SERVICE IS MAINTAINED.
3. REMOVE EXISTING FIBER OPTIC CABLE AFTER CUTOVER HAS BEEN APPROVED BY BASE TELEPHONE. (1)

PLAN NOTES:

1. PROVIDE TYPE 4, TRAFFIC-RATED MANHOLE FOR OSP TELECOMMUNICATIONS SERVICE.
2. PROVIDE 4-4" CONCRETE-ENCASED COMM DUCTBANK FOR OSP TELECOMMUNICATIONS SERVICE. PROVIDE 1800 PAIR OSP COPPER AND (1) 288 STRAND AND (1) 96 STRAND SINGLE MODE FIBER. PROVIDE (2) 3X3 FABRIC MESH INNERDUCT (6 PATHS) IN TWO CONDUITS. SEE DETAILS AND BUILDING PLANS FOR MORE INFORMATION. COORDINATE WITH BASE TELEPHONE FOR DUCTBANK SCHEDULE CABLING REQUIREMENTS.
3. PROVIDE 3-4" CONCRETE-ENCASED COMM DUCTBANK FOR OSP TELECOMMUNICATIONS SERVICE. PROVIDE 300 PAIR OSP COPPER WITH 48 STRAND SINGLE MODE FIBER. PROVIDE 3X3 FABRIC MESH INNERDUCT IN FIBER CONDUIT. SEE DETAILS AND BUILDING PLANS FOR MORE INFORMATION.
4. APPROXIMATE LOCATION OF BUILDING 'A1' SERVICE ENTRANCE. PROVIDE 300 PAIR OSP COPPER WITH 48 STRAND SINGLE MODE FIBER. SEE BUILDING PLANS FOR MORE INFORMATION.
5. STUB 1-4" CONDUIT WITH PULL WIRE FROM MAIN COMM ROOM TO ANTENNA PAD. COORDINATE EXACT TERMINATIONS POINTS WITH CONTRACTING OFFICER.
6. PROVIDE 4-4" CONCRETE-ENCASED COMM DUCTBANK FOR OSP TELECOMMUNICATIONS SERVICE. PROVIDE 300 PAIR OSP COPPER WITH 48 STRAND SINGLE MODE FIBER. PROVIDE (2) 3X3 FABRIC MESH INNERDUCT (6 PATHS) IN TWO CONDUITS. SEE DETAILS AND BUILDING PLANS FOR MORE INFORMATION.
7. APPROXIMATE LOCATION OF EXISTING COURTHOUSE BAY OSP FIBER. FIBER MUST BE PROTECTED UNTIL NEW IS INSTALLED AND CUTOVER.
8. PROVIDE 2-4" CONCRETE-ENCASED COMM DUCTBANK FOR LIFT STATION TELECOMMUNICATIONS SERVICE. PROVIDE 25 PAIR COPPER AND 12 STRAND SINGLE MODE FIBER. PROVIDE 3X3 FABRIC MESH INNERDUCT IN FIBER CONDUIT. SEE DETAILS AND LIFT STATION PLANS FOR MORE INFORMATION.
9. (1) PROVIDE 4-4" CONCRETE-ENCASED COMM DUCTBANK FOR OSP TELECOMMUNICATIONS SERVICE. PROVIDE 1200 PAIR OSP COPPER AND (1) 144 STRAND, (1) 48 STRAND AND (1) 96 STRAND SINGLE MODE FIBER. PROVIDE (2) 3X3 FABRIC MESH INNERDUCT (6 PATHS) IN TWO CONDUITS. SEE DETAILS AND BUILDING PLANS FOR MORE INFORMATION. COORDINATE WITH BASE TELEPHONE FOR DUCTBANK SCHEDULE CABLING REQUIREMENTS.
10. SPLICING POINT FOR OSP COPPER AND FIBER CABLING.

NOTES:

1. COORDINATE CABLE AND INNERDUCT LOCATIONS WITHIN DUCT BANK WITH BASE COMMUNICATIONS PRIOR TO BEGINNING WORK.
2. COMMUNICATIONS DUCT BANK MUST HAVE 24" OF COVER.
3. (1) ALL NEW DUCT BANK INSTALLATIONS MUST CLOSELY COORDINATE WITH EXISTING UTILITY CONDITIONS TO INCLUDE, BUT NOT BE LIMITED TO, SITE LIGHTS, POLES, GUY WIRES AND UNDERGROUND LIGHTING CIRCUITS.

SYM	DESCRIPTION	DATE	APPR
1	SITE TELECOM REVISION	04 JUN 2026	

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 34954 JEFFREY T. RUSSMAN 6-4-26

CRENSHAW CONSULTING GROUP, P.C.
NC LICENSE #C-1500
www.crenshawconsulting.com
5616 Bush Street, Suite 300
Raleigh, North Carolina 27609
919-571-9270 Fax 571-9800

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 6/10/2026

ACTIVITY

SATISFACTORY TO

DES	DRW	CHK

PM/DM	SGL/MDM
BRANCH MANAGER	WRB
CHIEF ENG/ARCH	JWJ
FIRE PROTECTION	HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT DC CODE
MARINE CORPS BASE

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – MIDATLANTIC
NAVAL STATION - NORFOLK, VA
CAMP LEJEUNE, NC

P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

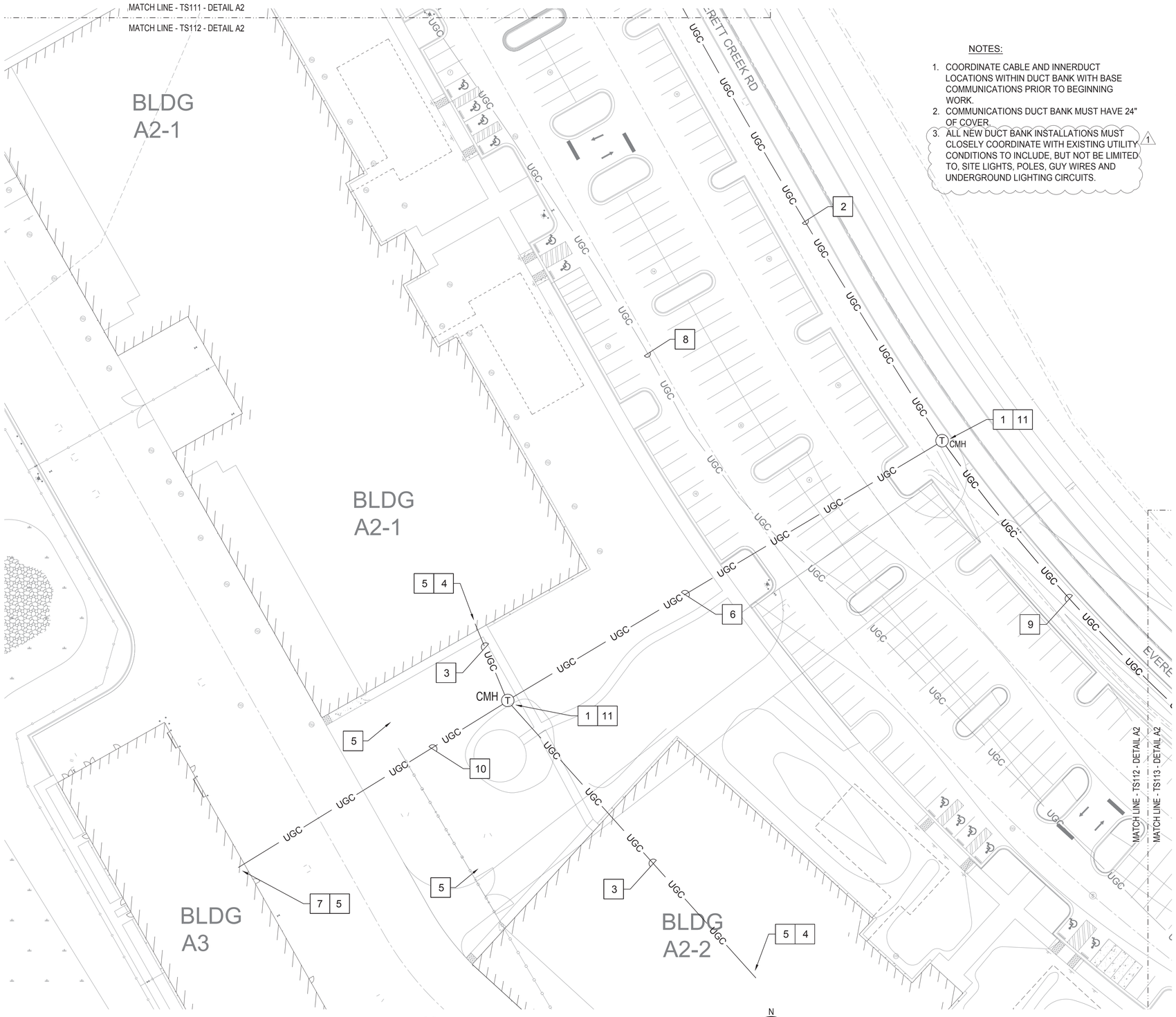
SITE PLAN - TELECOMMUNICATIONS

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

S
SITE

NAVFAC DRAWING NO. 12903076
SHEET 259 OF 262
TS111

FINAL SUBMITTAL
DRAWFORM REVISION: 25 AUGUST 2020



A2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"

NOTES:

1. COORDINATE CABLE AND INNERDUCT LOCATIONS WITHIN DUCT BANK WITH BASE COMMUNICATIONS PRIOR TO BEGINNING WORK.
2. COMMUNICATIONS DUCT BANK MUST HAVE 24" OF COVER.
3. ALL NEW DUCT BANK INSTALLATIONS MUST CLOSELY COORDINATE WITH EXISTING UTILITY CONDITIONS TO INCLUDE, BUT NOT BE LIMITED TO, SITE LIGHTS, POLES, GUY WIRES AND UNDERGROUND LIGHTING CIRCUITS. 1

PLAN NOTES:

1. PROVIDE TYPE 4, TRAFFIC-RATED MANHOLE FOR OSP TELECOMMUNICATIONS SERVICE.
2. PROVIDE 4-4" CONCRETE-ENCASED COMM DUCTBANK FOR OSP TELECOMMUNICATIONS SERVICE. PROVIDE 1200 PAIR OSP COPPER AND (1) 144 STRAND, (1) 48 STRAND AND (1) 96 STRAND SINGLE MODE FIBER. PROVIDE (2) 3X3 FABRIC MESH INNERDUCT (6 PATHS) IN TWO CONDUITS. SEE DETAILS AND BUILDING PLANS FOR MORE INFORMATION. COORDINATE WITH BASE TELEPHONE FOR DUCTBANK SCHEDULE CABLING REQUIREMENTS. 1
3. PROVIDE 4-4" CONCRETE-ENCASED COMM DUCTBANK FOR OSP TELECOMMUNICATIONS SERVICE. PROVIDE 200 PAIR OSP COPPER AND 48 STRAND SINGLE MODE FIBER. PROVIDE (2) 3X3 FABRIC MESH INNERDUCT (6 PATHS) IN FIBER CONDUIT. SEE DETAILS AND BUILDING PLANS FOR MORE INFORMATION.
4. APPROXIMATE LOCATION OF BUILDING 'A2' SERVICE ENTRANCE. PROVIDE 200 PAIR OSP COPPER AND 48 STRAND SINGLE MODE FIBER. SEE BUILDING PLANS FOR MORE INFORMATION.
5. STUB 1-4" CONDUIT WITH PULL WIRE FROM MAIN COMM ROOM ANTENNA PAD. COORDINATE EXACT TERMINATIONS POINTS WITH CONTRACTING OFFICER.
6. PROVIDE 4-4" CONCRETE-ENCASED COMM DUCTBANK FOR OSP TELECOMMUNICATIONS SERVICE. PROVIDE 400 PAIR AND 50 PAIR OSP COPPER WITH 96 STRAND AND 24 STRAND SINGLE MODE FIBER. PROVIDE 3X3 FABRIC MESH INNERDUCT IN FIBER CONDUIT. SEE DETAILS AND BUILDING PLANS FOR MORE INFORMATION.
7. APPROXIMATE LOCATION OF BUILDING 'A3' SERVICE ENTRANCE. PROVIDE 50 PAIR OSP COPPER AND 24 STRAND SINGLE MODE FIBER. SEE BUILDING PLANS FOR MORE INFORMATION.
8. APPROXIMATE LOCATION OF EXISTING COURTHOUSE BAY OSP FIBER. FIBER MUST BE PROTECTED UNTIL NEW IS INSTALLED AND CUTOVER.
9. PROVIDE 4-4" CONCRETE-ENCASED COMM DUCTBANK FOR OSP TELECOMMUNICATIONS SERVICE. PROVIDE 600 PAIR OSP COPPER AND (1) 48 STRAND AND (1) 96 STRAND SINGLE MODE FIBER. PROVIDE (2) 3X3 FABRIC MESH INNERDUCT (6 PATHS) IN TWO CONDUITS. SEE DETAILS AND BUILDING PLANS FOR MORE INFORMATION. COORDINATE WITH BASE TELEPHONE FOR DUCTBANK SCHEDULE CABLING REQUIREMENTS.
10. PROVIDE 3-4" CONCRETE-ENCASED COMM DUCTBANK FOR OSP TELECOMMUNICATIONS SERVICE. PROVIDE 50 PAIR OSP COPPER AND 24 STRAND SINGLE MODE FIBER. PROVIDE 3X3 FABRIC MESH INNERDUCT IN FIBER CONDUIT. SEE DETAILS AND BUILDING PLANS FOR MORE INFORMATION.
11. SPLICING POINT FOR OSP COPPER AND FIBER CABLING.

COURTHOUSE BAY OSP NOTES:

1. EXISTING UNDERGROUND FIBER OPTIC FOR COURTHOUSE BAY OSP SERVICE HAS SHALLOW COVERAGE AND MAY BE EXPOSED DURING CONSTRUCTION. CONTRACTOR MUST PROTECT AND KEEP OPERATIONAL THROUGHOUT CONSTRUCTION.
2. NEW DUCTBANK MUST BE INSTALLED FIRST SUCH THAT COURTHOUSE BAY CAN BE CUTOVER EARLIER IN CONSTRUCTION SCHEDULE AND CONTINUITY OF COURTHOUSE BAY SERVICE IS MAINTAINED.
3. REMOVE EXISTING FIBER OPTIC CABLE AFTER CUTOVER HAS BEEN APPROVED BY BASE TELEPHONE. 1

GRAPHIC SCALE: 1/40"=1'-0"
40' 0 20' 40' 80'

SYM	DESCRIPTION	DATE	APPR
1	SITE TELECOM REVISION	04 JUN 2026	

NAVFAC

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NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MIDATLANTIC
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P-1550 SOF MARINE RAIDER BATTALION / COMPANY / TEAM FACILITIES

SITE PLAN - TELECOMMUNICATIONS

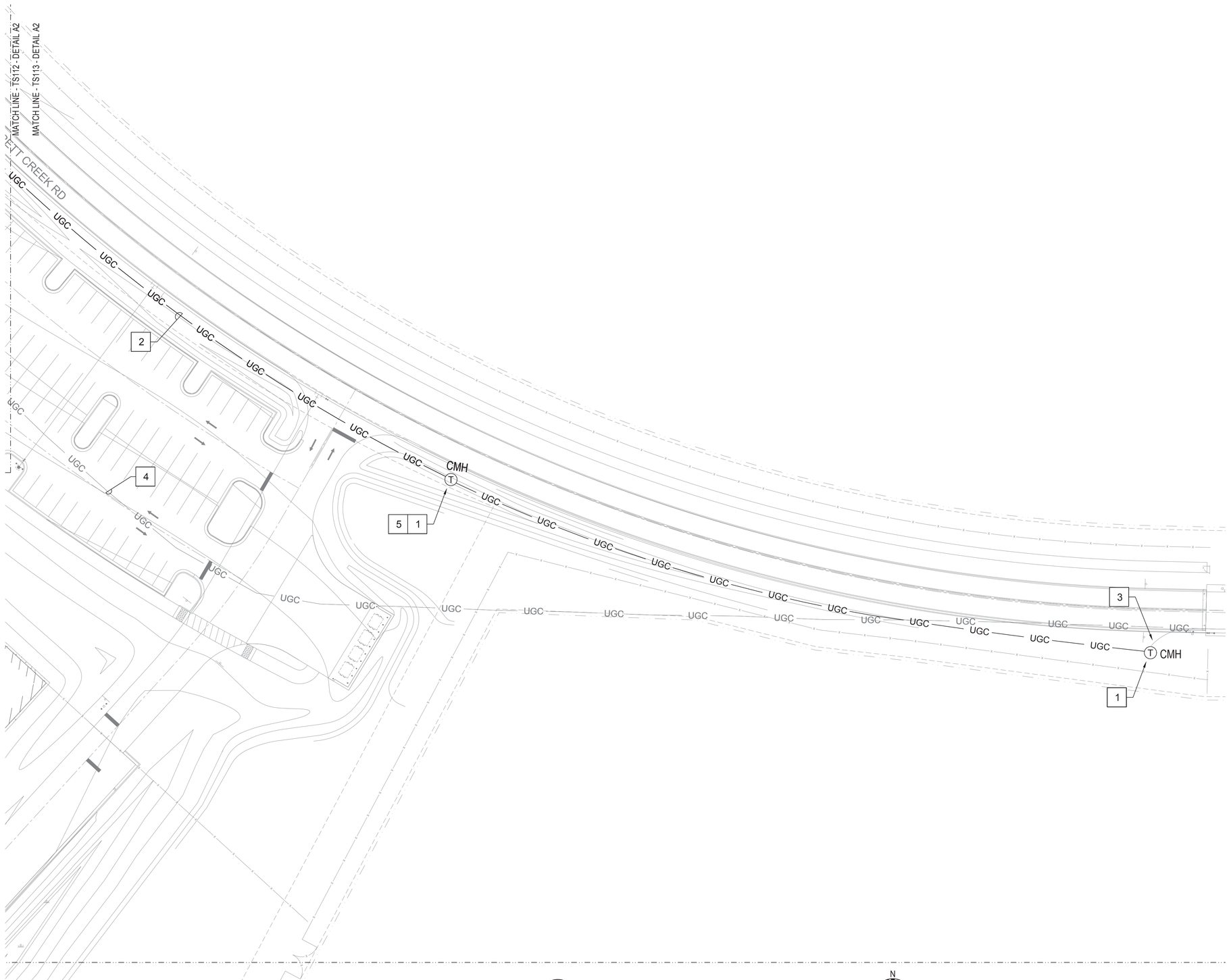
SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

NAVFAC DRAWING NO.
12903077
SHEET 260 OF 262

S
SITE

TS112

FINAL SUBMITTAL DRAWFORM REVISION: 25 AUGUST 2020



PLAN NOTES:

1. PROVIDE TYPE 4, TRAFFIC-RATED MANHOLE FOR OSP TELECOMMUNICATIONS SERVICE.
2. PROVIDE 4-4" CONCRETE-ENCASED COMM DUCTBANK FOR OSP TELECOMMUNICATIONS SERVICE. PROVIDE 600 PAIR OSP COPPER AND (1) 48 STRAND AND (1) 96 STRAND SINGLE MODE FIBER. PROVIDE (2) 3X3 FABRIC MESH INNERDUCT (6 PATHS) IN TWO CONDUITS. SEE DETAILS AND BUILDING PLANS FOR MORE INFORMATION. COORDINATE WITH BASE TELEPHONE FOR DUCTBANK SCHEDULE CABLING REQUIREMENTS.
3. CONNECT EXISTING 96 STRAND RING FIBER AT NEW MANHOLE AND SPLICE TO NEW 96 STRAND SINGLE MODE OSP FIBER.
4. APPROXIMATE LOCATION OF EXISTING COURTHOUSE BAY OSP FIBER. FIBER MUST BE PROTECTED UNTIL NEW IS INSTALLED AND CUTOVER.
5. SPLICING POINT FOR OSP COPPER AND FIBER CABLING.

PHASING NOTES:

1. CIVIL TO CLEAR 'A' SITE PERIMETER AND INSTALL FENCING.
2. CIVIL TO CLEAR AND ROUGH-IN NEW ROADWAY FOR 'A' SITE.
3. INSTALL NEW TELECOMMUNCATIONS DUCTBANK THROUGH 'A' SITE.
4. INSTALL NEW TELECOMMUNICATIONS HAND HOLE AT POINT OF CONNECTION FOR EXISTING COURTHOUSE BAY TELECOMMUNICATIONS SERVICE.
5. CONNECT NEW DEDICATED 96 STRAND SINGLE MODE FIBER TO NEW HAND HOLE.
6. CONNECT EXISTING 96 STRAND SINGLE MODE FIBER TO NEW MANHOLE.
7. DEMOLISH OR ABANDON EXISTING RING FIBER RUNNING THROUGH 'A' SITE.

COURTHOUSE BAY OSP NOTES:

1. EXISTING UNDERGROUND FIBER OPTIC FOR COURTHOUSE BAY OSP SERVICE HAS SHALLOW COVERAGE AND MAY BE EXPOSED DURING CONSTRUCTION. CONTRACTOR MUST PROTECT AND KEEP OPERATIONAL THROUGHOUT CONSTRUCTION.
2. NEW DUCTBANK MUST BE INSTALLED FIRST SUCH THAT COURTHOUSE BAY CAN BE CUTOVER EARLIER IN CONSTRUCTION SCHEDULE AND CONTINUITY OF COURTHOUSE BAY SERVICE IS MAINTAINED.
3. REMOVE EXISTING FIBER OPTIC CABLE AFTER CUTOVER HAS BEEN APPROVED BY BASE TELEPHONE.

1

A2 SITE PLAN - TELECOMMUNICATIONS
SCALE: 1/30" = 1'-0"

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GRAPHIC SCALE: 1/40"=1'-0"
40' 0 20' 40' 80'

SYM	DESCRIPTION	DATE	APPR
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SEAL

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SITE PLAN - TELECOMMUNICATIONS

SCALE: AS INDICATED
EPROJECT NO.: 1701820
CONSTR. CONTR. NO.

NAVFAC DRAWING NO.
12903078
SHEET 261 OF 262

S
SITE

TS113

FINAL SUBMITTAL DRAWFORM REVISION: 25 AUGUST 2020