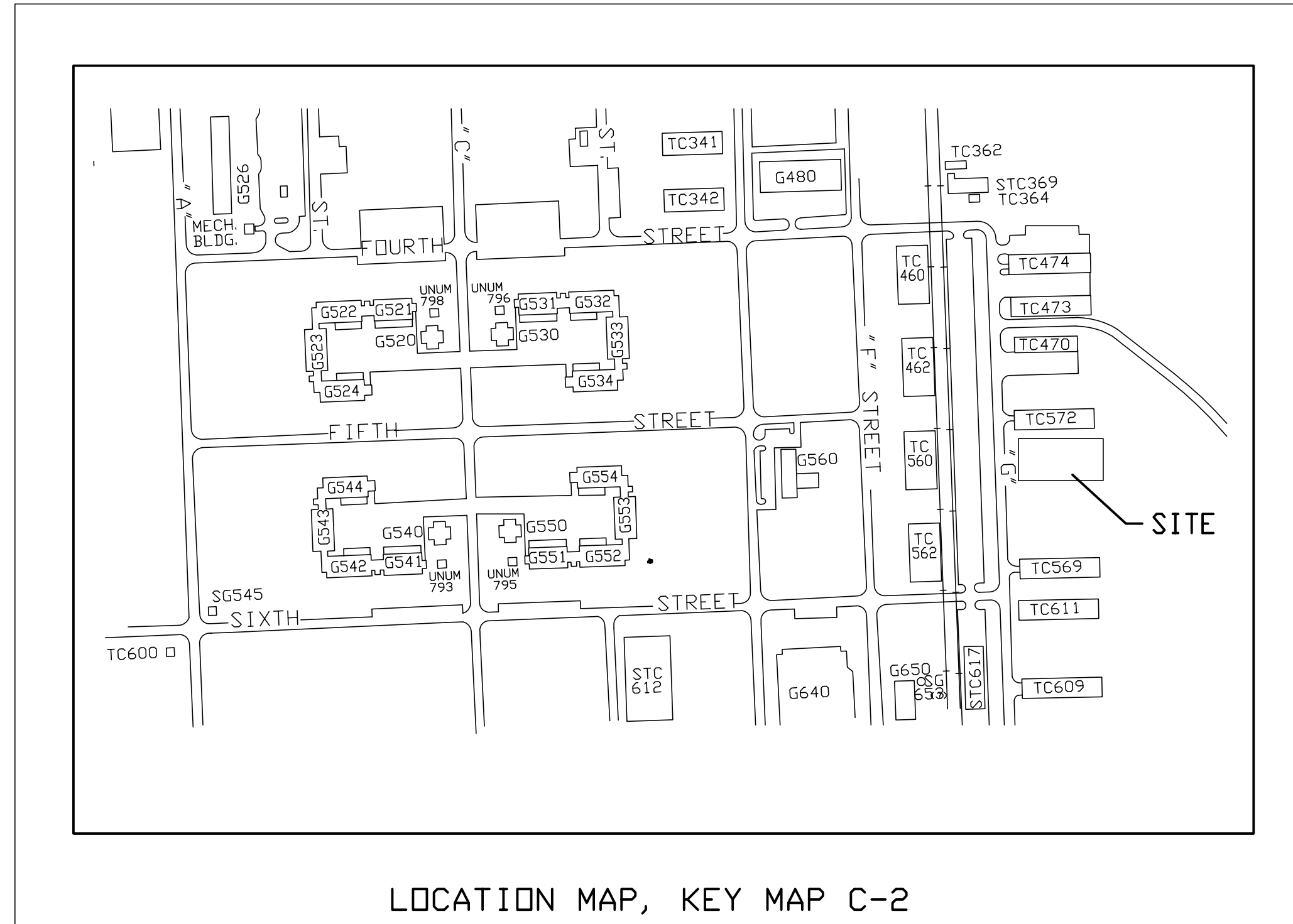
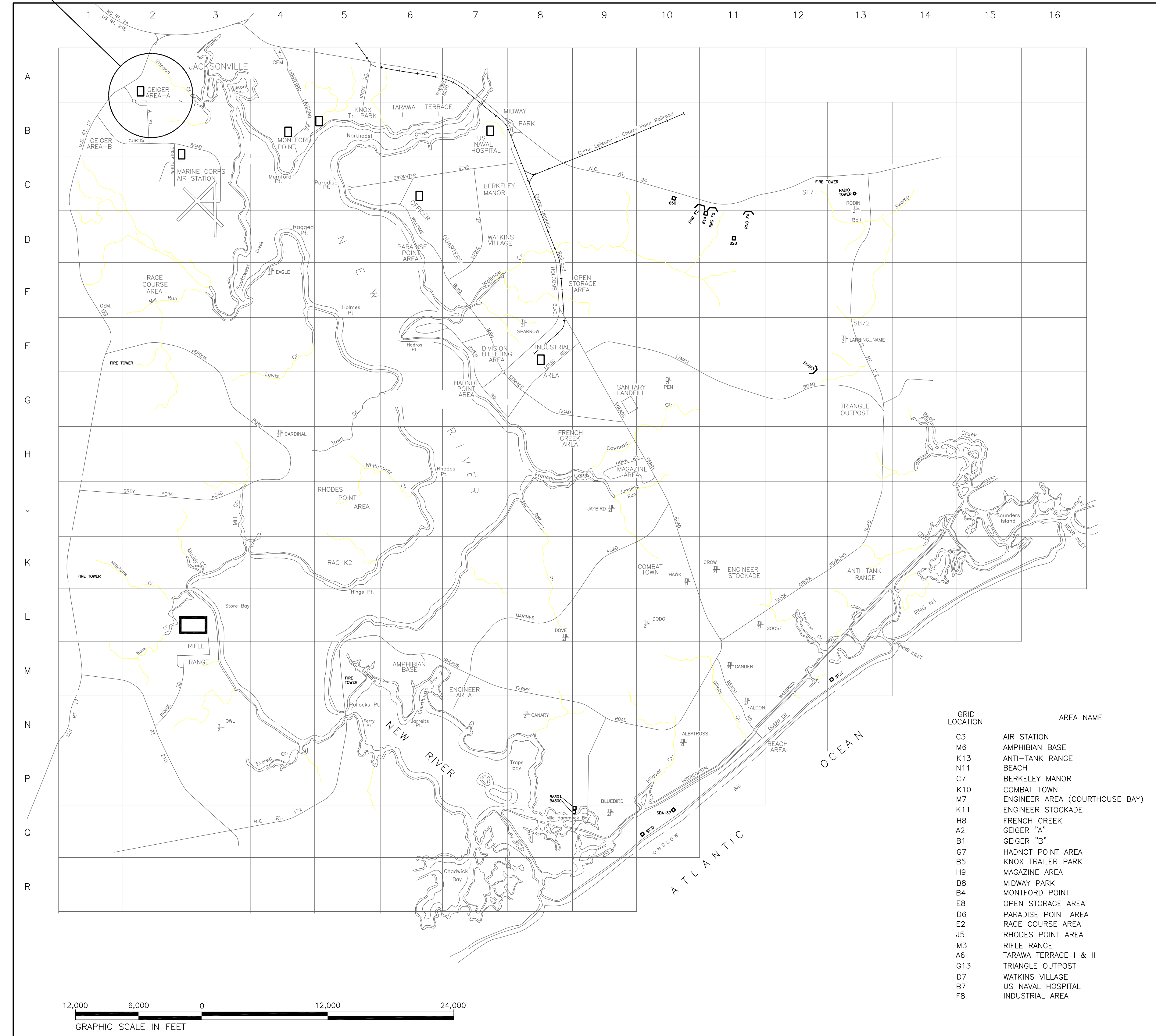


REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED



LOCATION MAP, KEY MAP C-2

PROJECT SITE



GRID LOCATION	AREA NAME
C3	AIR STATION
M6	AMPHIBIAN BASE
K13	ANTI-TANK RANGE
N11	BEACH
C7	BERKELEY MANOR
K10	COMBAT TOWN
M7	ENGINEER AREA (COURTHOUSE BAY)
K11	ENGINEER STOCKADE
H8	FRENCH CREEK
A2	GEIGER "A"
B1	GEIGER "B"
G7	HADNOT POINT AREA
B5	KNOX TRAILER PARK
H9	MAGAZINE AREA
B8	MIDWAY PARK
B4	MONTFORD POINT
E8	OPEN STORAGE AREA
D6	PARADISE POINT AREA
E2	RACE COURSE AREA
J5	RHODES POINT AREA
W3	RIFLE RANGE
A6	TARAWA TERRACE I & II
G13	TRIANGLE OUTPOST
D7	WATKINS VILLAGE
B7	US NAVAL HOSPITAL
F8	INDUSTRIAL AREA

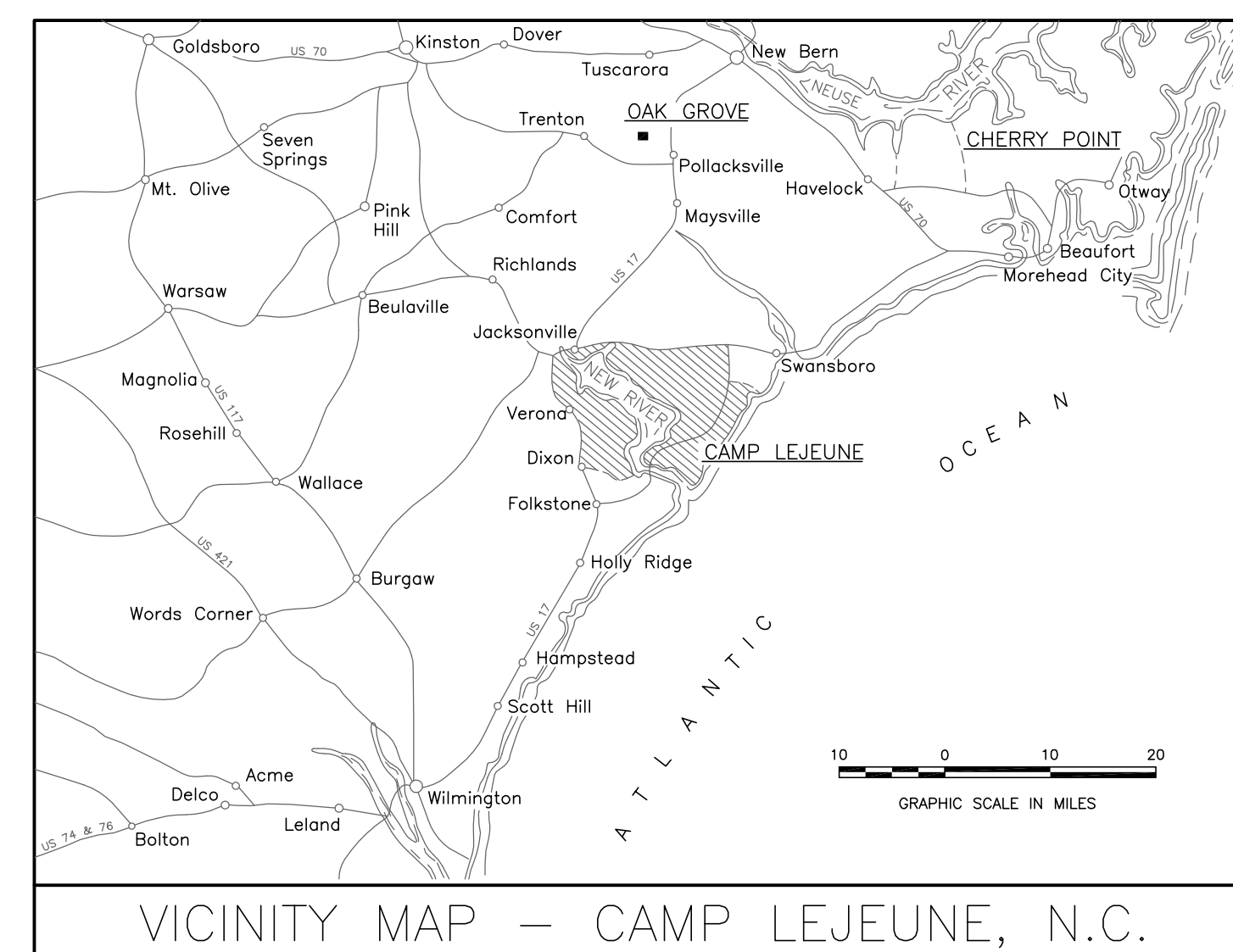


SITE MAP - U. S. MARINE CORPS BASE - CAMP LEJEUNE, N.C.

FUEL TANK TRANSITION BUILDING TC366

U.S. MARINE CORPS BASE CAMP LEJEUNE, N.C.

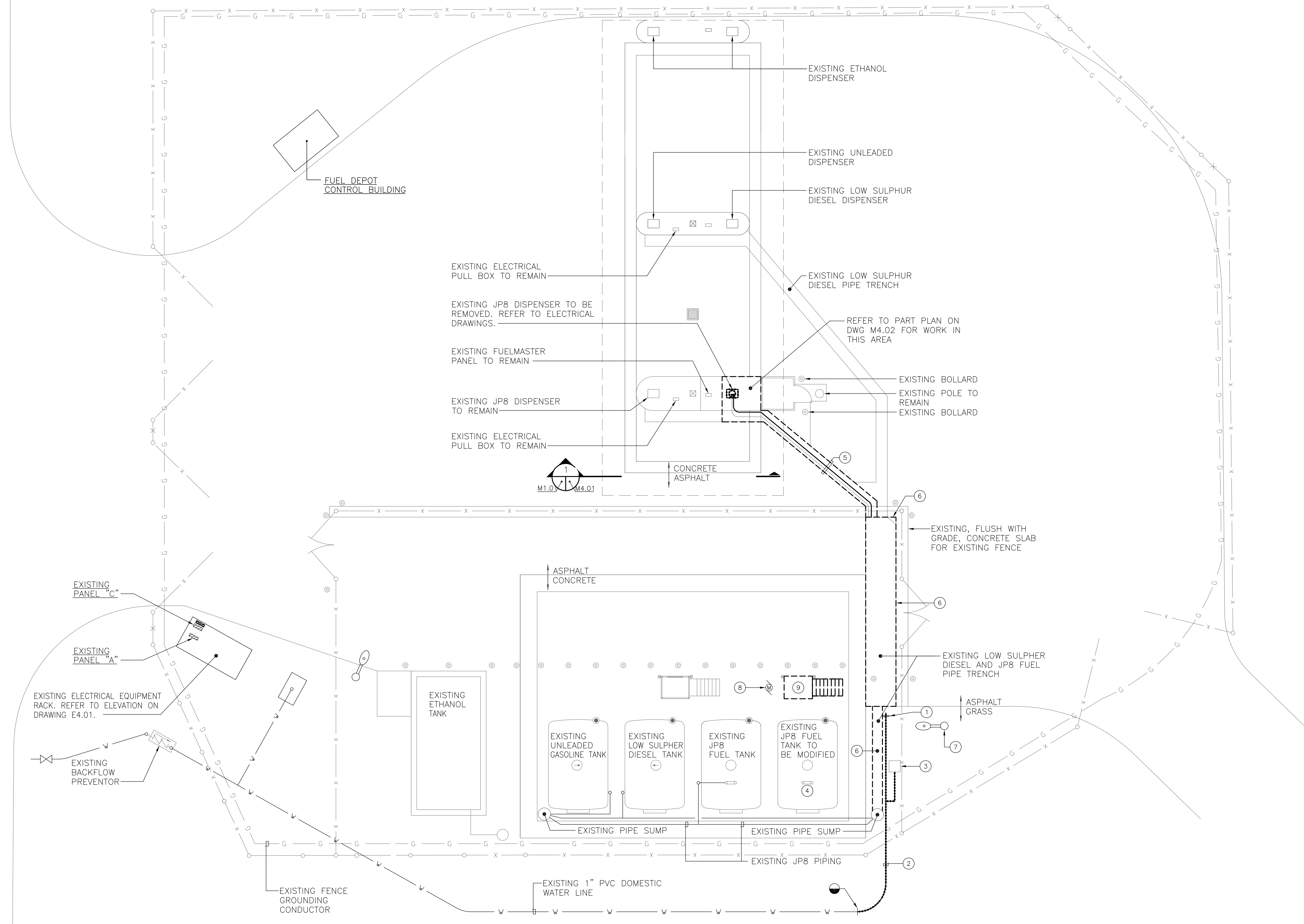
LIST OF DRAWINGS		
NO.	NAVFAC NO.	TITLE
T0.01	60010014	TITLE AND LIST OF DRAWINGS
M1.01	60010015	MECHANICAL SITE PLAN - DEMOLITION
M2.01	60010016	MECHANICAL SITE PLAN - NEW CONSTRUCTION
M4.01	60010017	SCHEMATICS
M4.02	60010018	DETAILS
E-101	60010019	ELECTRICAL SITE PLAN - DEMOLITION
E-201	60010020	ELECTRICAL SITE PLAN - NEW CONSTRUCTION
E-401	60010021	DETAILS



VICINITY MAP - CAMP LEJEUNE, N.C.

DATE: 4/25/12	FINAL SUBMISSION	T0.01
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY	PUBLIC WORKS DIVISION
DES JWM	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
DR CAS	FUEL TANK TRANSITION BUILDING TC366	
CHK EJM	TITLE AND LIST OF DRAWINGS	
SUPV DSP	IN CH.	
APPROVED: FEO OR OICC DATE	SIZE	CODE IDENT NO
SATISFACTORY TO DATE	F	NAVFAC DRAWING NO. 60010014
	SCALE NOTED SPEC	CONSTRUCTION CONTRACT NO. N 40085-11-D-0185 SHEET 1 OF 8

REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED



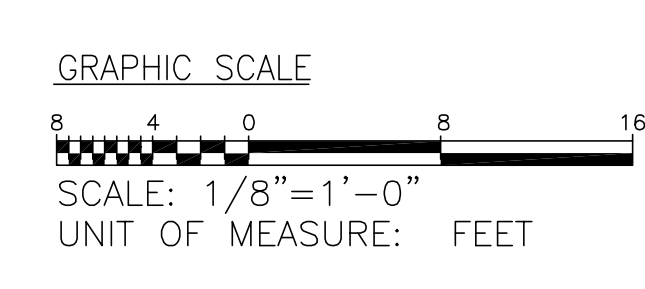
GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR LOCATION OF ALL UTILITIES. LOCATIONS SHOWN ARE APPROXIMATE AND TAKEN FROM AVAILABLE RECORDS. CONTRACTOR SHALL TEST PIT FOR UNDERGROUND UTILITY CONNECTIONS, AND SHALL BE RESPONSIBLE FOR PROTECTION OF ALL UNDERGROUND UTILITIES.
2. DURING CONSTRUCTION ACTIVITIES IN ROADWAYS, TRAFFIC CONTROL MUST CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", 2010 EDITION.
3. ALL CONSTRUCTION AREAS, EXCEPT THOSE SHOWN OTHERWISE, SHALL BE RESTORED TO THEIR ORIGINAL CONDITION USING NEW MATERIALS WHICH MATCH THE EXISTING IN STRENGTH AND TEXTURE. THIS INCLUDES AREAS DAMAGED BY CONSTRUCTION VEHICLES AND ACTIVITIES WHICH MAY OR MAY NOT BE WITHIN THE LIMITS OF WORK.
4. ANY STOCKPILED OR UNSTABILIZED SOIL SHALL BE PROTECTED FROM EROSION USING SILT FENCE. STORM DRAIN INLETS WITHIN THE WORK AREA SHALL BE PROTECTED AS DETAILED. ALL STREETS AND WALKWAYS SHALL BE SWEEPED CLEAN OF SOIL AS NEEDED. DURING TRENCHING OPERATIONS, SOIL SHOULD BE PLACED ON THE UPHILL SIDE OF THE TRENCH WHEN POSSIBLE.

DRAWING NOTES:

- ① REMOVE EXISTING YARD HYDRANT. RETAIN ON SITE FOR REUSE.
- ② REMOVE EXISTING PVC DOMESTIC WATER PIPING.
- ③ DISCONNECT EXISTING POST INDICATOR VALVE. REMOVE EXISTING 1" PVC DOMESTIC WATER PIPING.
- ④ EXISTING 10,000 GALLON JP8 FUEL TANK SHALL BE CLEANED ACCORDING TO EPA REGULATIONS AND CAMP LEJEUNE GUIDELINES TO COMPLY WITH REUSE FOR B20 FUEL SYSTEM. DISPOSE REMAINING JP8 JET FUEL ACCORDING TO EPA REGULATIONS AND GUIDELINES.
- ⑤ SAW-CUT CONCRETE/ASPHALT SECTION AS SHOWN. FOLLOW CONTOURS OF PREVIOUS SAW-CUT IN THIS AREA. COORDINATE EXACT LOCATION IN THE FIELD.
- ⑥ SAW-CUT, REMOVE AND REPLACE ALL ASPHALT IN THIS AREA.
- ⑦ EXISTING COBRAHEAD STYLE LIGHTING FIXTURE TO REMAIN (TYP).
- ⑧ EXISTING FUEL UNLOADING TRANSFER PUMP SHALL REMAIN. REFER TO SCHEMATIC PIPING DIAGRAM ON DRAWING M4.01 FOR WORK IN THIS AREA.
- ⑨ REMOVE EXISTING STEEL STAIRS AND PLATFORM. PROVIDE NEW 4" DIAMETER GALVANIZED STEEL VERTICAL SUPPORT FOR EXISTING 3" DISCHARGE PIPING AND EXISTING FLEXIBLE PIPING. PROVIDE PIPE FLANGE AND SECURE TO EXISTING CONCRETE SLAB WITH STAINLESS STEEL EXPANSION ANCHORS. PROVIDE GALVANIZED STEEL BRACKET AND REINSTALL AND CONNECT EXISTING CIVACON GROUND MONITOR.

MECHANICAL SITE PLAN - DEMOLITION
SCALE 1/8" = 1'-0"



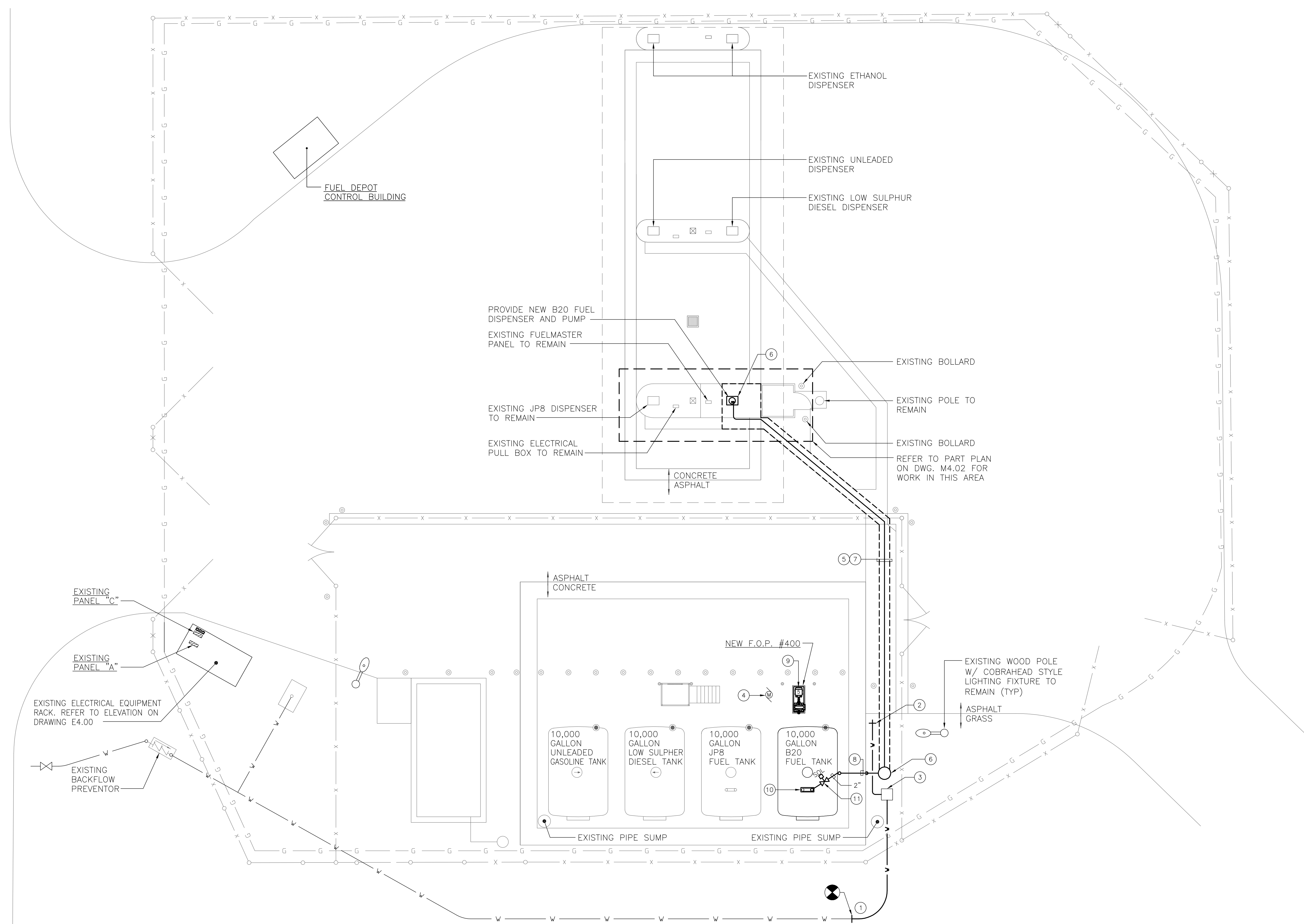
DATE: 4/25/12	FINAL SUBMISSION	M1.01
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	DES JWM	MARINE CORPS BASE, CAMP LEJEUNE, N.C.
	DR MBH	FUEL TANK TRANSITION BUILDING TC366
	CHK EJM	MECHANICAL SITE PLAN - DEMOLITION
	SUPV DSP	NAVFAC DRAWING NO. 60010015
	IN CH .	CONSTRUCTION CONTRACT NO. N 40085-11-D-0185
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	NAVFAC DRAWING NO. 60010015
SATISFACTORY TO DATE	F	CONSTRUCTION CONTRACT NO. N 40085-11-D-0185
	SCALE NOTED SPEC	11-0185 SHEET 2 OF 8

HV-PRO-1070266Z1VREF 4-24-12 2:30:01 PM EST

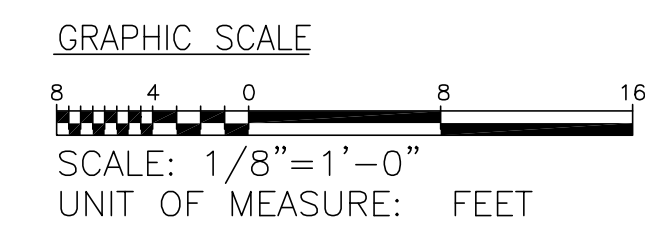
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

DRAWING NOTES:

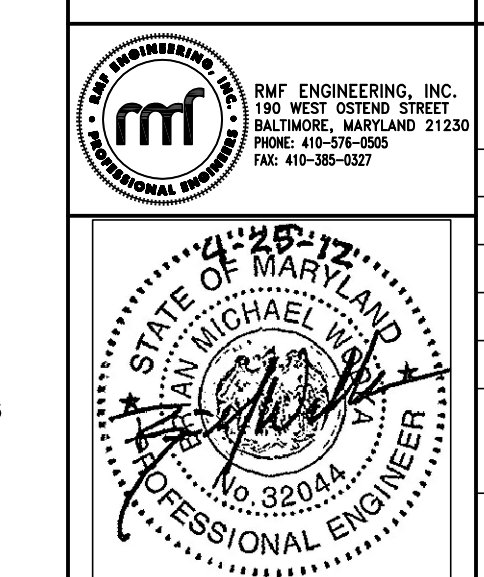
- ① CONNECT TO EXISTING 1" PVC DOMESTIC WATER LINE 36" BELOW FINISHED GRADE AND EXTEND 36" BELOW GRADE TO NEW LOCATION.
- ② REINSTALL EXISTING YARD HYDRANT.
- ③ CONNECT TO EXISTING POST INDICATOR VALVE.
- ④ EXISTING FUEL UNLOADING TRANSFER PUMP SHALL REMAIN. REFER TO SCHEMATIC PIPING DIAGRAM ON DRAWING M4.02 FOR WORK IN THIS AREA.
- ⑤ REFER TO DRAWING M4.02 FOR SAW CUTTING, TRENCHING, BACKFILLING AND REPAIRING ASPHALT AND CONCRETE SURFACE AREAS.
- ⑥ PROVIDE NEW PIPE SUMP PIT, BASIS OF DESIGN IS OPW FUEL CONTAINMENT SYSTEMS. INSTALL AND TEST PER MANUFACTURER. BACKFILL WITH ROUNDED PEA GRAVEL OR SAND.
- ⑦ PROVIDE NEW DOUBLE WALL 4"/2" FUEL DISPENSING PIPE. BASIS OF DESIGN IS OPW FUEL SYSTEMS, "FLEXWORKS." INSTALL NEW PIPING SYSTEM IN TRENCH. REFER TO DETAIL ON DWG. M4.02.
- ⑧ INSTALL FUEL PIPING EXPOSED IN THIS AREA. TRANSITION TO UNDERGROUND AT EDGE OF CONCRETE APRON INTO SUMP PIT.
- ⑨ NEW B20 FUEL TRANSFER PUMP LOCATION. REFER TO DRAWING M4.01 FOR WORK IN THIS AREA. PROVIDE NEW PUMP AS MANUFACTURED BY MP PUMPS, INC. MODEL #23234 (SERIAL#: 01B1342) TO MATCH EXISTING.
- ⑩ PROVIDE NEW SUBMERSIBLE PUMP AND INSTALL IN TANK #400. PUMP SHALL BE F.E. PETRO INC. MODEL #STP75-WL2-17, 75 HORSEPOWER, 208V, 3Ø 60HZ, CLASS 1, GROUP D, CONTINUOUS DUTY EXPLOSION PROOF MOTOR. (TO MATCH EXISTING)
- ⑪ PROVIDE A SOLENOID VALVE, CLASS 1, DIV 1, GROUP D. PROVIDE SNAP-TITE/JEFFERSON SERIES "HA" MODEL #Z6214BBVEA-240/60, 30WATTS, 176° F, 105 PSI, 2" DIA PIPING (TO MATCH EXISTING).



MECHANICAL SITE PLAN — NEW CONSTRUCTION
SCALE 1/8" = 1'-0"



DATE: 4/25/12	FINAL SUBMISSION	M2.01
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY	PUBLIC WORKS DIVISION
DES JWM	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
DR MBH	FUEL TANK TRANSITION BUILDING TC366	
CHK EJM	MECHANICAL SITE PLAN — NEW CONSTRUCTION	
SUPV DSP	IN CH .	NAVFAC DRAWING NO. 60010016
APPROVED: FEO OR OICC DATE	SIZE F	CONSTRUCTION CONTRACT NO. N 40085-11-D-0185
SATISFACTORY TO DATE	SCALE NOTED SPEC 11-0185	SHEET 3 OF 8

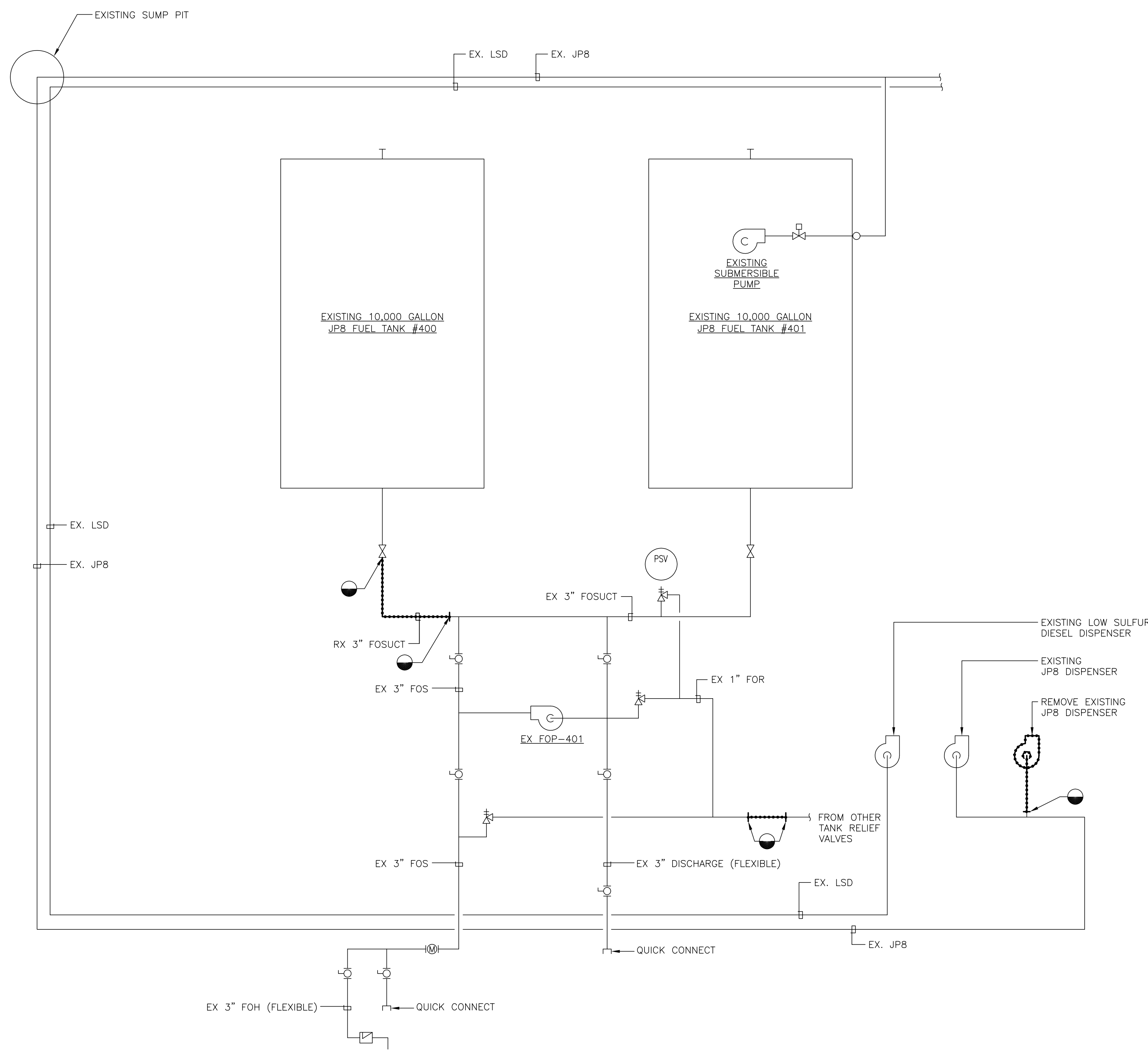


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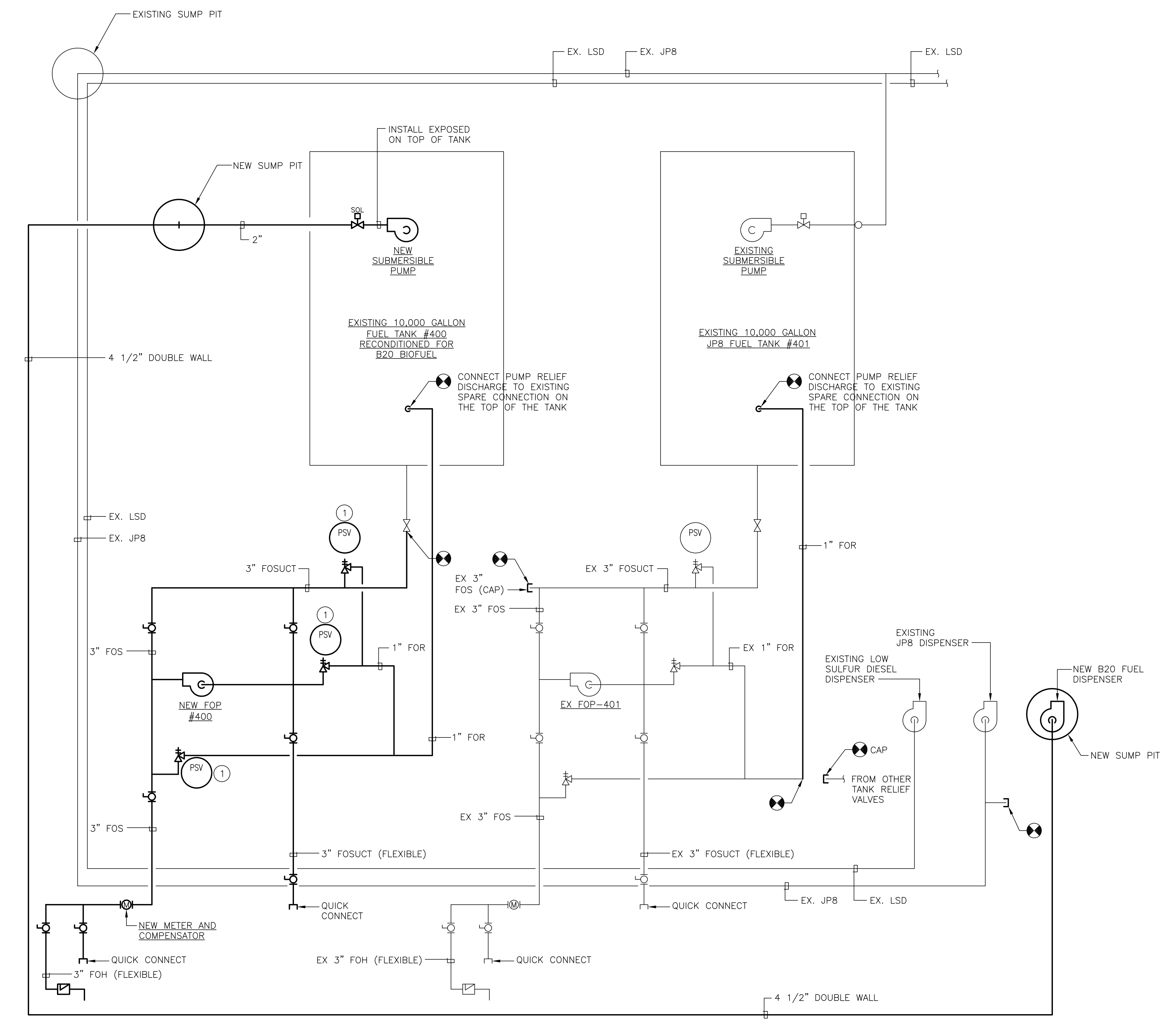
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

DRAWING NOTES:

① REPLACE SAFETY RELIEF VALVE TO MATCH EXISTING VALVES (SETPPOINT, CAPACITY, MATERIAL, ETC.). EXISTING VALVE IS MANUFACTURED BY HYDROSEAL INC. TYPE 1CXV-0.0/ SET PRESSURE 9.0 PSIG, 14 GPM CAPACITY. SIZE INLET PER PIPE SIZE.



**TANK 400 & 401 FUEL OIL
PIPING - SCHEMATIC - DEMOLITION**
SCALE: NONE

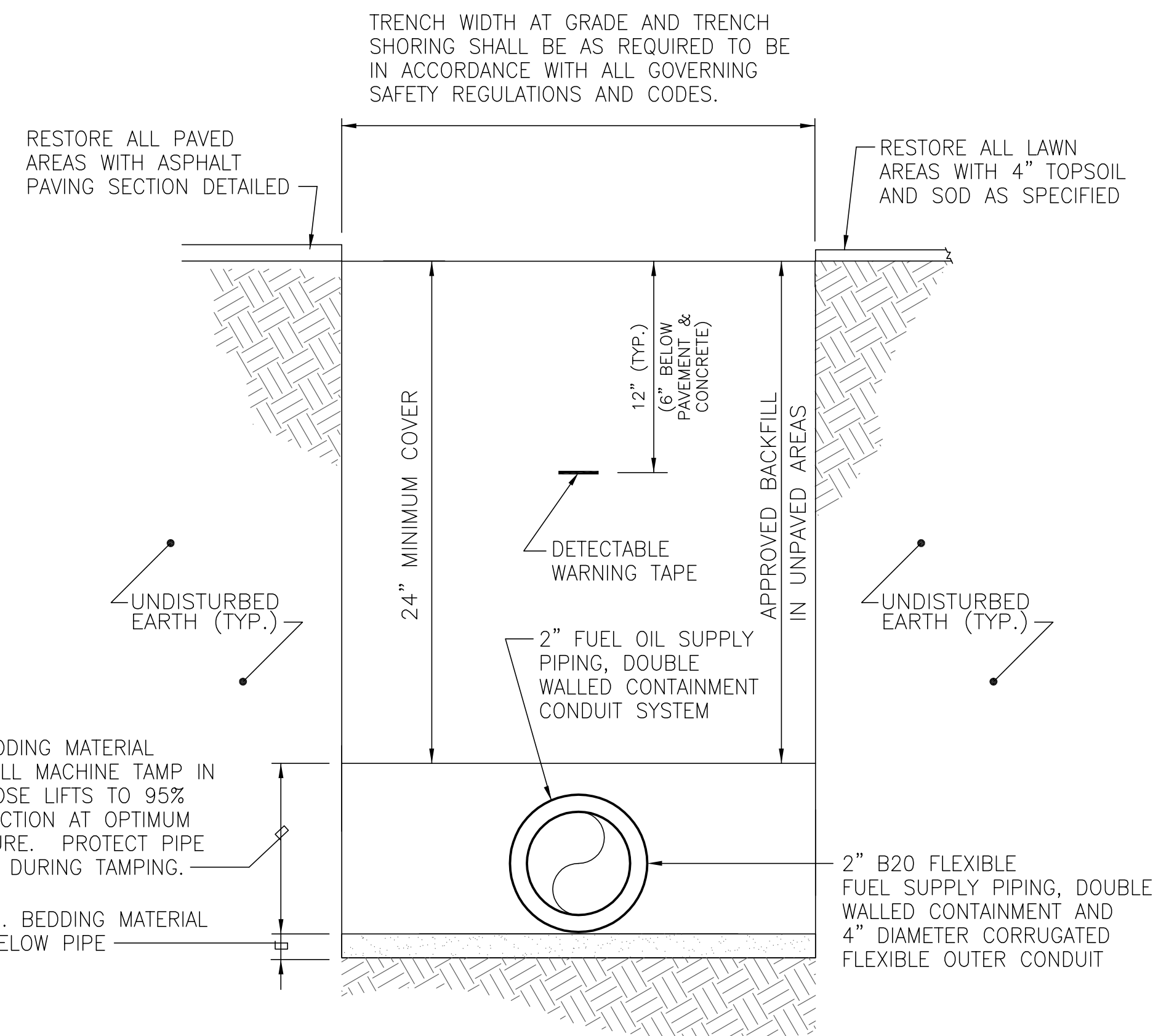


**TANK 400 & 401 FUEL OIL
PIPING - SCHEMATIC - NEW WORK**
SCALE: NONE

DATE: 4/25/12	FINAL SUBMISSION	M4.01
	FACILITY ENGINEERING DEPT DWG NO.	DEPT OF NAVY PUBLIC WORKS DIVISION
	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
DES JWM	FUEL TANK TRANSITION BUILDING TC366	
DR MBH	SCHEMATICS	
CHK EJM	NAVFAC DRAWING NO. 60010017	
SUPV DSP	CONSTRUCTION CONTRACT NO. N 40085-11-D-0185	
IN CH .	SIZE F	SHEET 4 OF 8
APPROVED: FEO OR OICC DATE	SCALE NOTED SPEC 11-0185	
SATISFACTORY TO DATE		

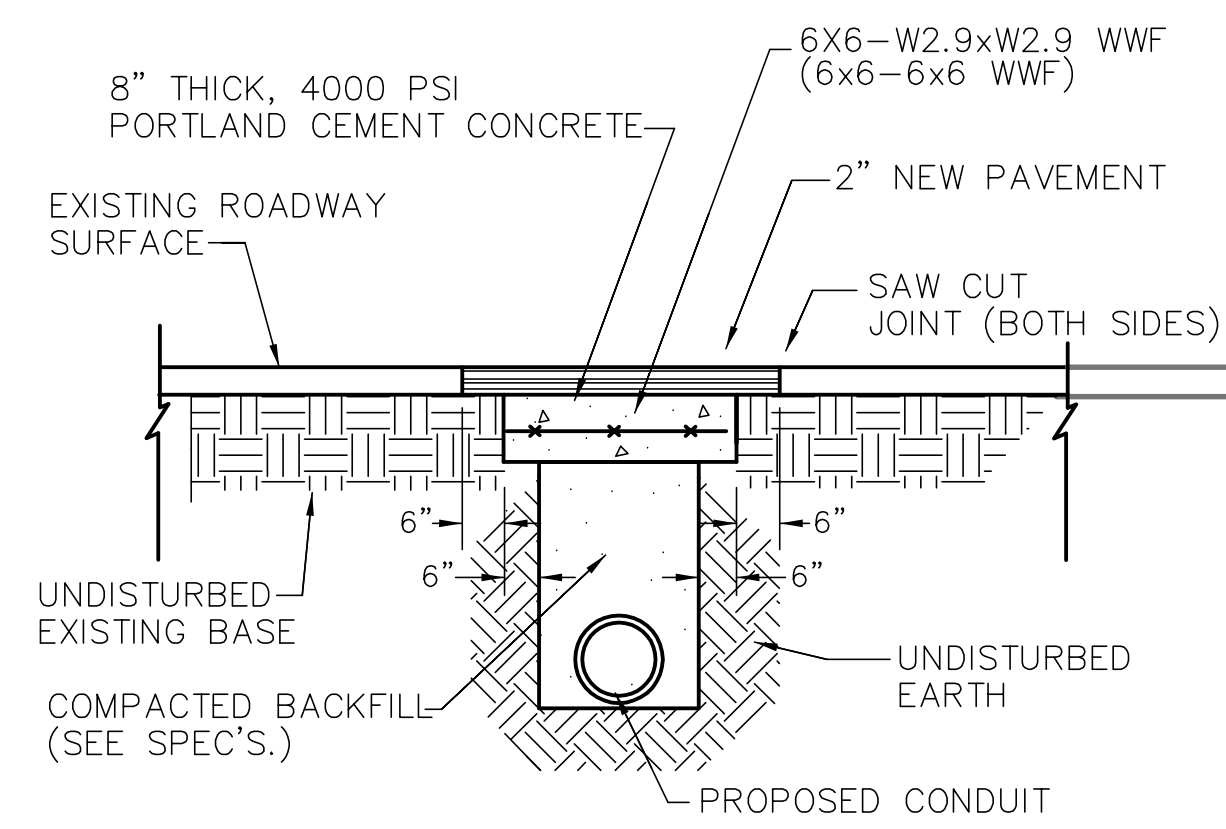
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REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

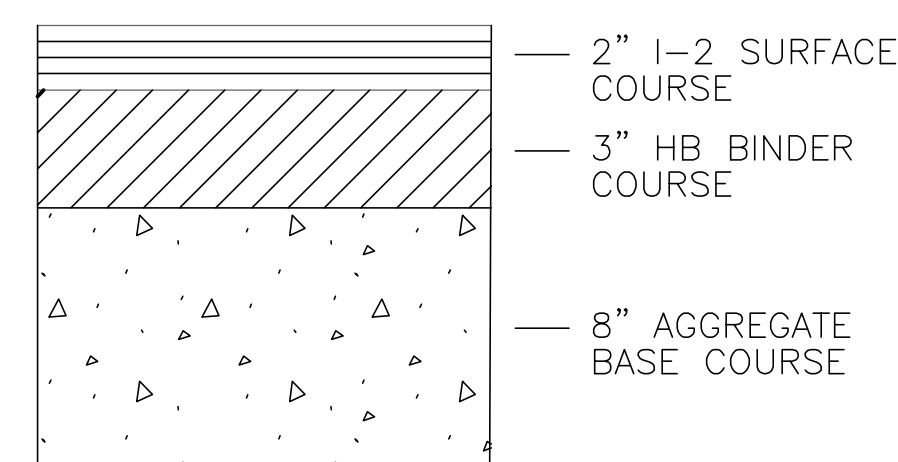


- NOTES:
- REFER TO SPECIFICATIONS FOR WALKS, BACKFILL AND REPLACEMENT OF SURFACE.
 - ALL EXISTING UTILITIES UNCOVERED DURING EXCAVATION SHALL BE SUPPORTED AND PROTECTED AT ALL TIMES. ALL UTILITIES DAMAGED AS A RESULT OF NEW WORK SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
 - REMOVE ALL DEMOLISHED MATERIALS AND UNUSED EXCAVATED EARTH FROM THE SITE.
 - INSTALL DETECTABLE WARNING TAPE ABOVE ALL UTILITIES, 12" BELOW GRADE.

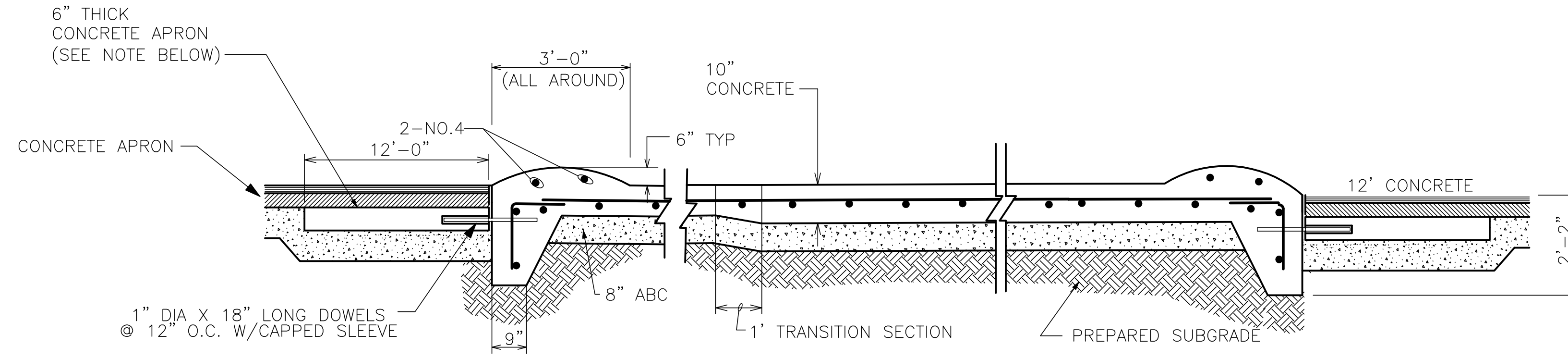
**TYPICAL SECTION
DIRECT BURIAL B20 FUEL PIPING**
SCALE: NONE



TYPICAL FLEXIBLE PAVEMENT REPAIR
SCALE: NONE

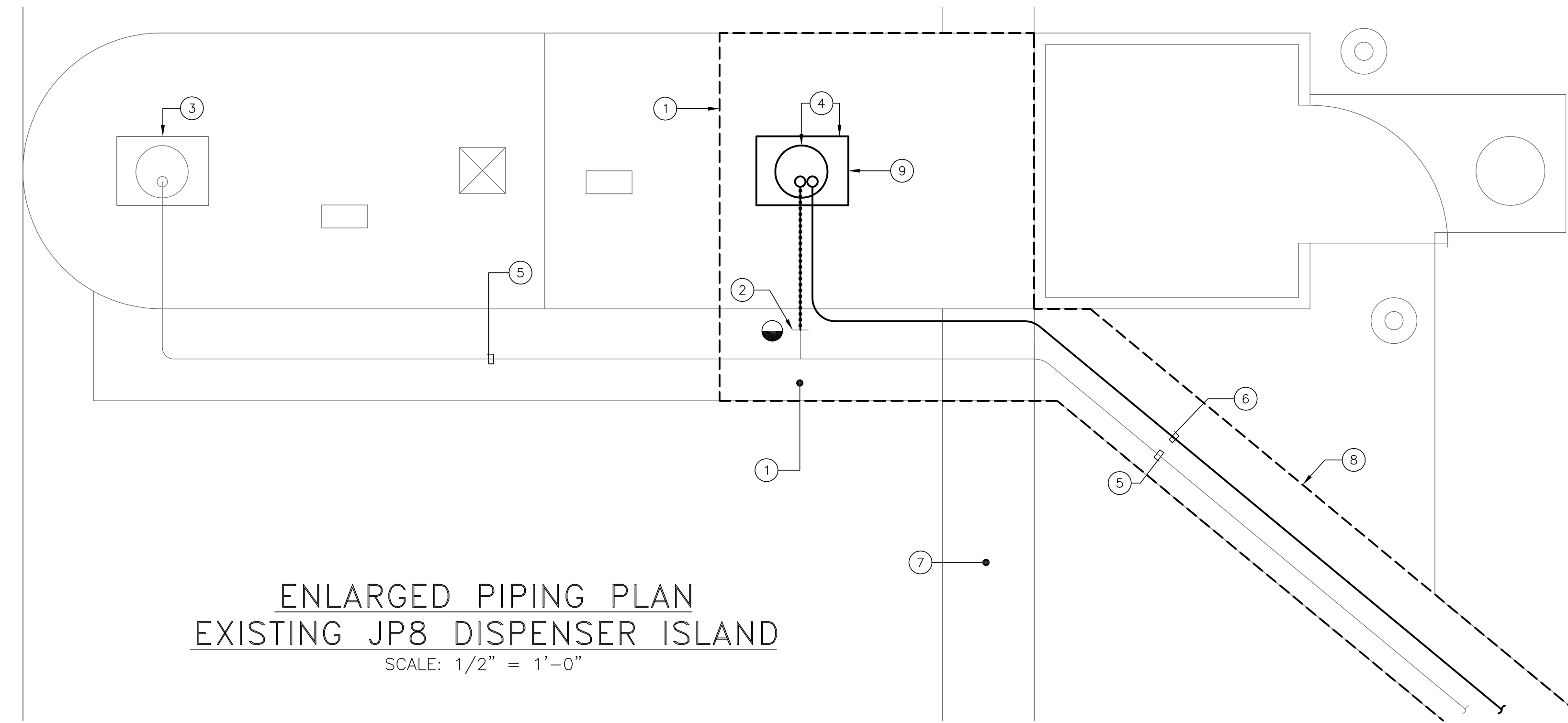


TYPICAL PAVEMENT SECTION
SCALE: NONE



NOTE: CONCRETE APRON TYPICAL FOR ALL CONCRETE PAD TO ASPHALT PAVEMENT TRANSITIONS

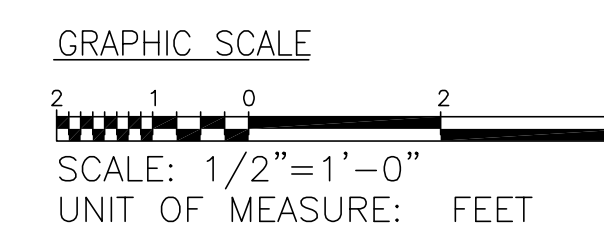
SECTION
SCALE: 1/2" = 1'-0"



**ENLARGED PIPING PLAN
EXISTING JP8 DISPENSER ISLAND**
SCALE: 1/2" = 1'-0"

DRAWING NOTES:

- SAW CUT, REMOVE AND REPLACE EXISTING CONCRETE SLAB AND FUEL DISPENSING ISLAND FOR NEW B20 FUEL SUMP PIT, PIPING AND DISPENSER.
- CUT AND CAP EXISTING JP8 FUEL LINE. REMOVE FUEL PIPING TO EXISTING DISPENSER SUMP.
- EXISTING JP8 DISPENSER AND SUMP.
- PROVIDE NEW BIOFUEL DISPENSER AND SUMP.
- EXISTING UNDERGROUND JP8 FUEL PIPING.
- NEW BIOFUEL 4"/2" DOUBLE WALL FUEL PIPING IN TRENCH. REFER TO DETAIL ON THIS SHEET.
- CUT, REPAIR AND REPLACE EXISTING CONCRETE SPILL CONTAINMENT. REFER TO SECTION 1 THIS SHEET.
- SAW CUT AND REMOVE EXISTING ASPHALT FOR NEW BIOFUEL PIPING INSTALLATION. REFER TO SECTION 1 THIS SHEET.
- REMOVE AND REPLACE EXISTING JP8 FUEL DISPENSER WITH NEW BIOFUEL DISPENSER.



DATE: 4/25/12	FINAL SUBMISSION	M4.02
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY	PUBLIC WORKS DIVISION
DES JWM	MARINE CORPS BASE, CAMP LEJUNE, N.C.	
DR MBH	FUEL TANK TRANSITION BUILDING TC366	
CHK EJM	DETAILS	
SUPV DSP	NAVAC DRAWING NO. 60010018	
IN CH	SIZE	CODE IDENT NO
APPROVED: FEO OR OICC DATE	F	
SATISFACTORY TO DATE	CONSTRUCTION CONTRACT NO. N 40085-11-D-0185	SHEET 5 OF 8
SCALE NOTED	SPEC 11-0185	



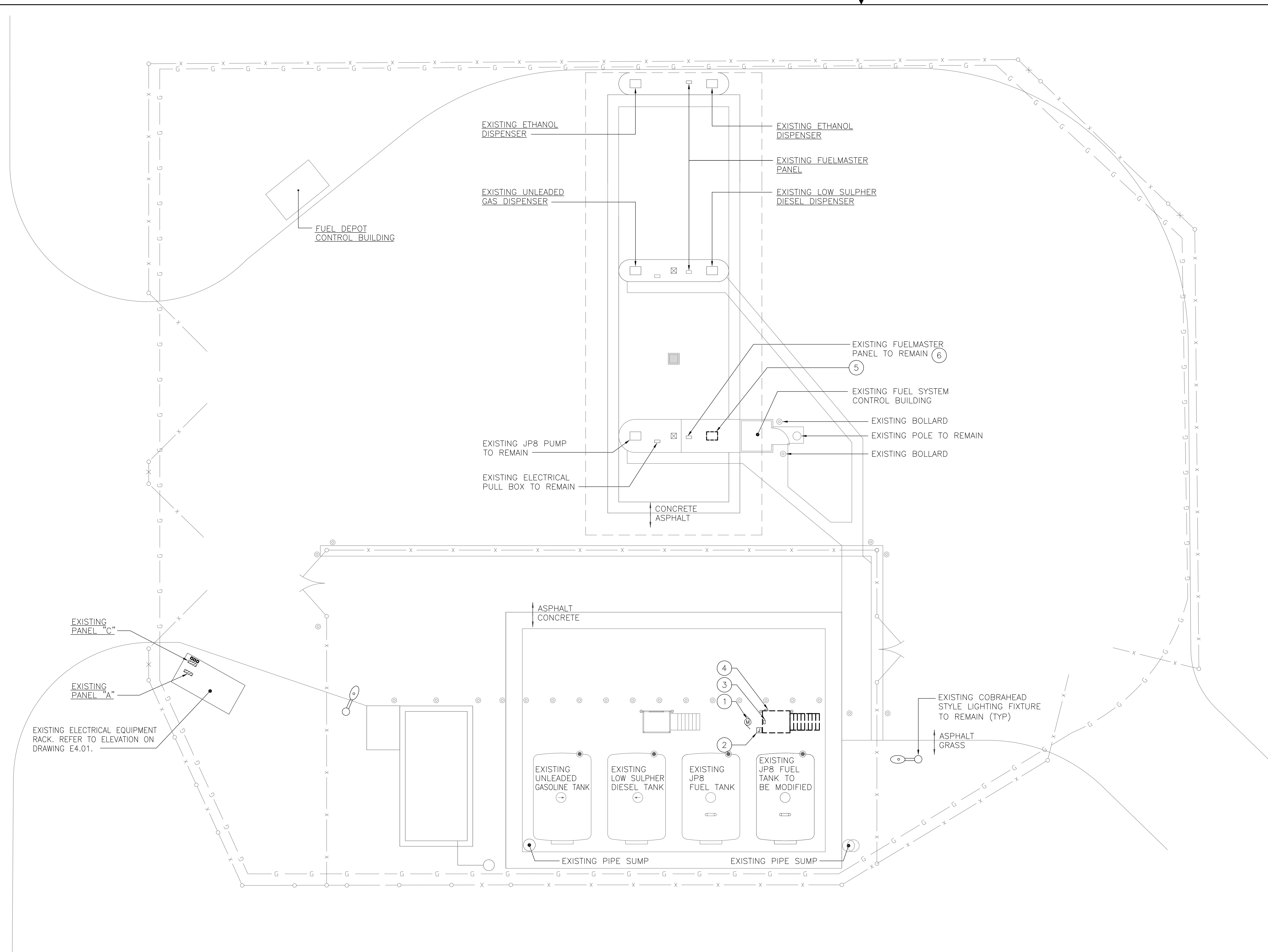
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES

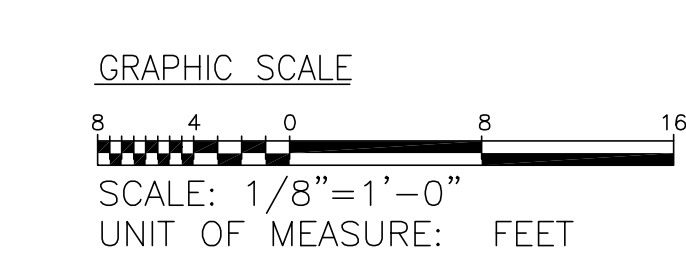
1. CONTRACTOR IS RESPONSIBLE FOR LOCATION OF ALL UTILITIES. LOCATIONS SHOWN ARE APPROXIMATE AND TAKEN FROM AVAILABLE RECORDS. CONTRACTOR SHALL TEST PIT FOR UNDERGROUND UTILITY CONNECTIONS, AND SHALL BE RESPONSIBLE FOR PROTECTION OF ALL UNDERGROUND UTILITIES.
2. DURING CONSTRUCTION ACTIVITIES IN ROADWAYS, TRAFFIC CONTROL MUST CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", 2003 EDITION.
3. ALL CONSTRUCTION AREAS, EXCEPT THOSE SHOWN OTHERWISE, SHALL BE RESTORED TO THEIR ORIGINAL CONDITION USING NEW MATERIALS WHICH MATCH THE EXISTING IN STRENGTH AND TEXTURE. THIS INCLUDES AREAS DAMAGED BY CONSTRUCTION VEHICLES AND ACTIVITIES WHICH MAY OR MAY NOT BE WITHIN THE LIMITS OF WORK.
4. ANY STOCKPILED OR UNSTABILIZED SOIL SHALL BE PROTECTED FROM EROSION USING SILT FENCE. STORM DRAIN INLETS WITHIN THE WORK AREA SHALL BE PROTECTED AS DETAILED. ALL STREETS, ALLEYS, AND WALKWAYS SHALL BE SWEEPED CLEAN OF SOIL AS NEEDED. DURING TRENCHING OPERATIONS, SOIL SHOULD BE PLACED ON THE UPHILL SIDE OF THE TRENCH WHEN POSSIBLE.

DRAWING NOTES:

- ① EXISTING 5HP TANK 401 FILL TANK PUMP TO REMAIN.
- ② REMOVE AND RELOCATE EXISTING ELECTRICAL JUNCTION BOX.
- ③ REMOVE AND RELOCATE EXISTING STOP/START SWITCH.
- ④ REMOVE AND RELOCATE EXISTING EMERGENCY GROUND MONITOR.
- ⑤ REMOVE EXISTING JP8 FUEL DISPENSER. EXISTING POWER AND CONTROL WIRING AND CONDUITS SHALL REMAIN FOR REUSE.
- ⑥ EXISTING FLUIDMASTER PANEL SHALL REMAIN. EXISTING POWER AND CONTROL WIRING AND CONDUITS SHALL REMAIN FOR REUSE.



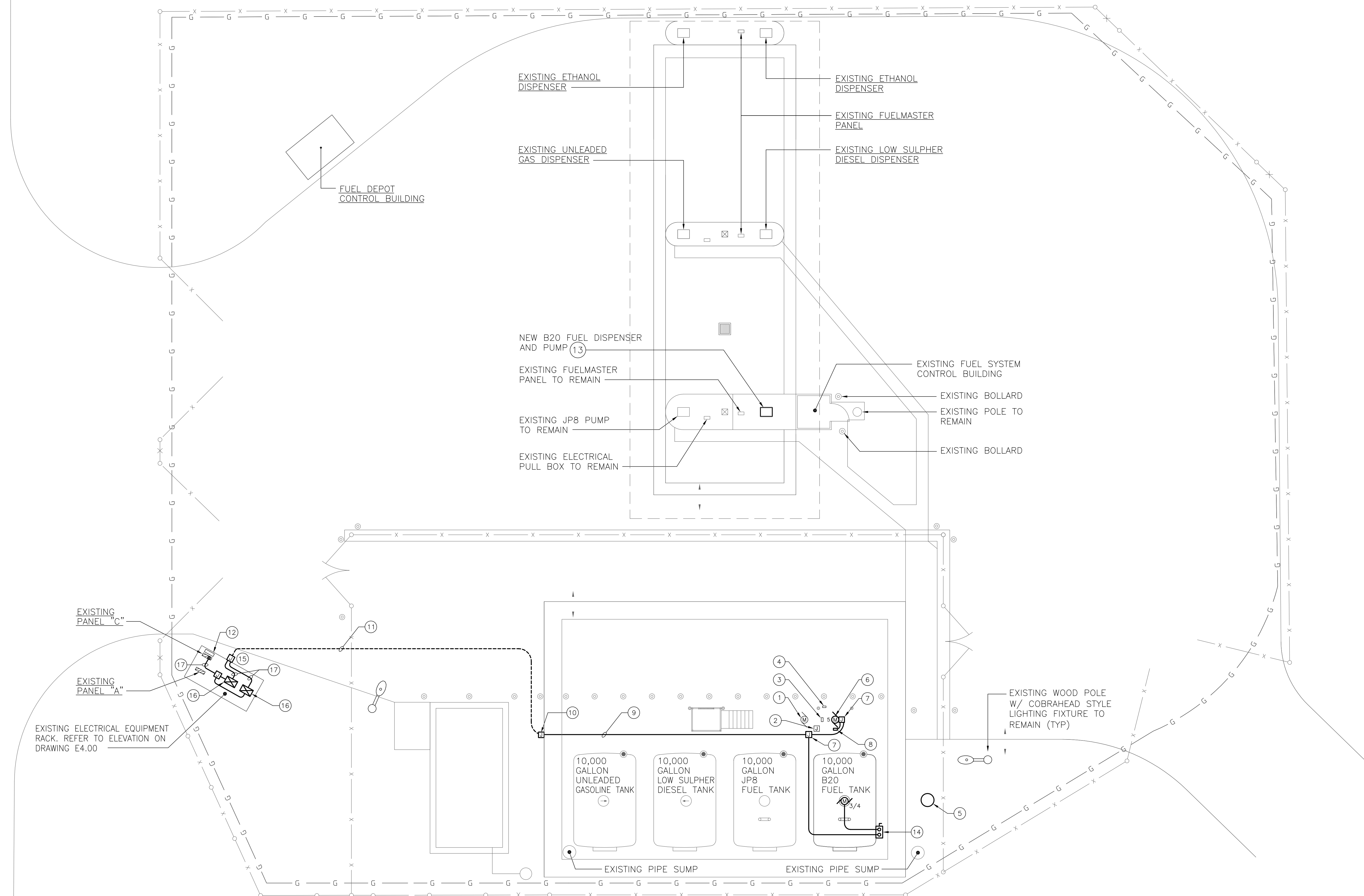
ELECTRICAL SITE PLAN - DEMOLITION
SCALE 1/8" = 1'-0"



DATE: 4/25/12	FINAL SUBMISSION	E1.01
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY MARINE CORPS BASE, CAMP LEJEUNE, N.C.	PUBLIC WORKS DIVISION
DES JWM DR MBH CHK EJM SUPV DSP	FUEL TANK TRANSITION BUILDING TC366	
IN CH .	ELECTRICAL SITE PLAN - DEMOLITION	
APPROVED: FEO OR OICC DATE	SIZE F	NAVFAC DRAWING NO. 60010019
SATISFACTORY TO DATE	CONSTRUCTION CONTRACT NO. N 40085-11-D-0185	SHEET 6 OF 8
SCALE NOTED	SPEC 11-0185	

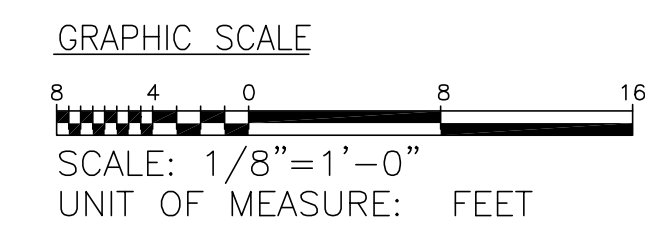
HV-PRO-1070266Z\REF 4-24-12 2:30:01 PM EST

REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED



- DRAWING NOTES:**
- EXISTING 5HP TANK 401 FILL TRANSFER PUMP TO REMAIN.
 - EXISTING ELECTRICAL JUNCTION BOX TO REMAIN.
 - PROVIDE NEW SUPPORT FOR STOP/START SWITCH.
 - PROVIDE NEW SUPPORT EMERGENCY GROUND MONITOR.
 - NEW B20 PIPE SUMP PIT.
 - CONNECT TO 5HP, 208V-3PH, B20 FUEL TANK FILL PUMP.
 - PROVIDE NEMA 7 JUNCTION BOX FOR POWER.
 - PROVIDE STOP/START SWITCH IN NEMA 7 ENCLOSURE.
 - PROVIDE 1 1/2" RGS CONDUIT WITH 6#8 & 2#10 GRD. SUPPORTED ALONGSIDE THE EXISTING POWER CONDUITS. PROVIDE NEW STAINLESS STEEL HARDWARE FOR ALL SUPPORTS.
 - PROVIDE NEMA 7 JUNCTION BOX.
 - PROVIDE 1 1/2" PVC SCHEDULE 40 CONDUIT 6#8 & 2#10 GRD. INSTALL 36" BELOW GRADE FOR POWER CONDUCTORS (REFER TO SINGLE DIAGRAM ON DRAWING E4.00 FOR MORE INFORMATION). TRANSITION TO RIGID STEEL AT ELBOW PRIOR TO RISE ABOVE FINISHED GRADE-PROVIDE EYS/EYZ SEALOFF FOR ALL CONDUITS.
 - EXISTING 12" X 12" X 4" NEMA 3R JUNCTION BOX.
 - RECONNECT ALL EXISTING POWER AND CONTROL WIRING TO NEW B-20 FUEL DISPENSER. COORDINATE IN THE FIELD.
 - PROVIDE A NEMA 7, 3P, 30A. DISCONNECT SWITCH. EXTEND 3/4"C. 3#10 & 1#10 GRD. TO TOP OF TANK. CONNECT TO NEW SUBMERSIBLE FUEL PUMP.
 - PROVIDE CAST JUNCTION BOX WITH THREADED HUBS. PROVIDE EYS/EYZ SEALOFF FITTING FOR EACH CONDUIT. EXTEND 3/4" RGS CPNDUIT WITH 3#10 & 1#10 GRD. TO EACH STARTER AND PANEL "C".
 - PROVIDE TWO (2) NEMA SIZE "1" MAGNETIC MOTOR STARTERS IN NEMA 3R ENCLOSURE FOR UNLOADING PUMP AND SUBMERSIBLE PUMP.
 - 1"C. 3#8 & 1#10 GRD. IN EACH.

ELECTRICAL SITE PLAN - NEW CONSTRUCTION
SCALE 1/8" = 1'-0"



DATE: 4/25/12	FINAL SUBMISSION	E2.01
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
		MARINE CORPS BASE, CAMP LEJEUNE, N.C.
	DES JWM	FUEL TANK TRANSITION BUILDING TC366
	DR CAS	
	CHK EJM	ELECTRICAL SITE PLAN - NEW CONSTRUCTION
	SUPV DSP	
	IN CH .	
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	NAVFAC DRAWING NO.
	F .	60010020
SATISFACTORY TO DATE	CONSTRUCTION CONTRACT NO. N 40085-11-D-0185	
	SCALE NOTED SPEC 11-0185	SHEET 7 OF 8

HV-PRO-1070266Z1VREF 4-24-12 2:30:01 PM EST

PANELBOARD: A MAINS: M.C.B. AMPS: 200 MIN AIC: 10K
 LOCATION: FUEL FARM EQUIP RACK VOLTS: 120/208 PHASE: 3 WIRES: 4
 MOUNTING: SURFACE ENCL NEMA: 3R NOTES: EXISTING PANEL ①

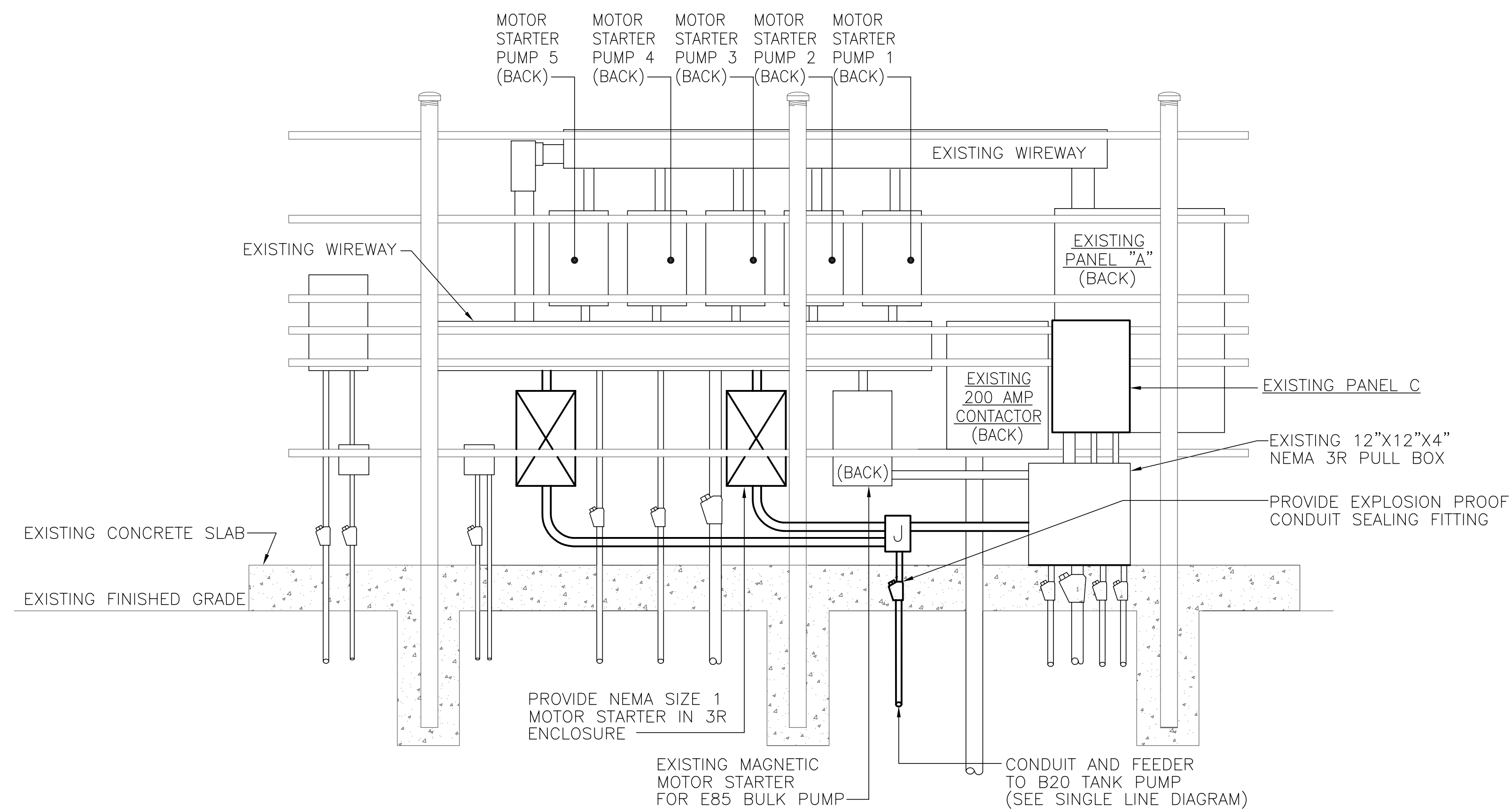
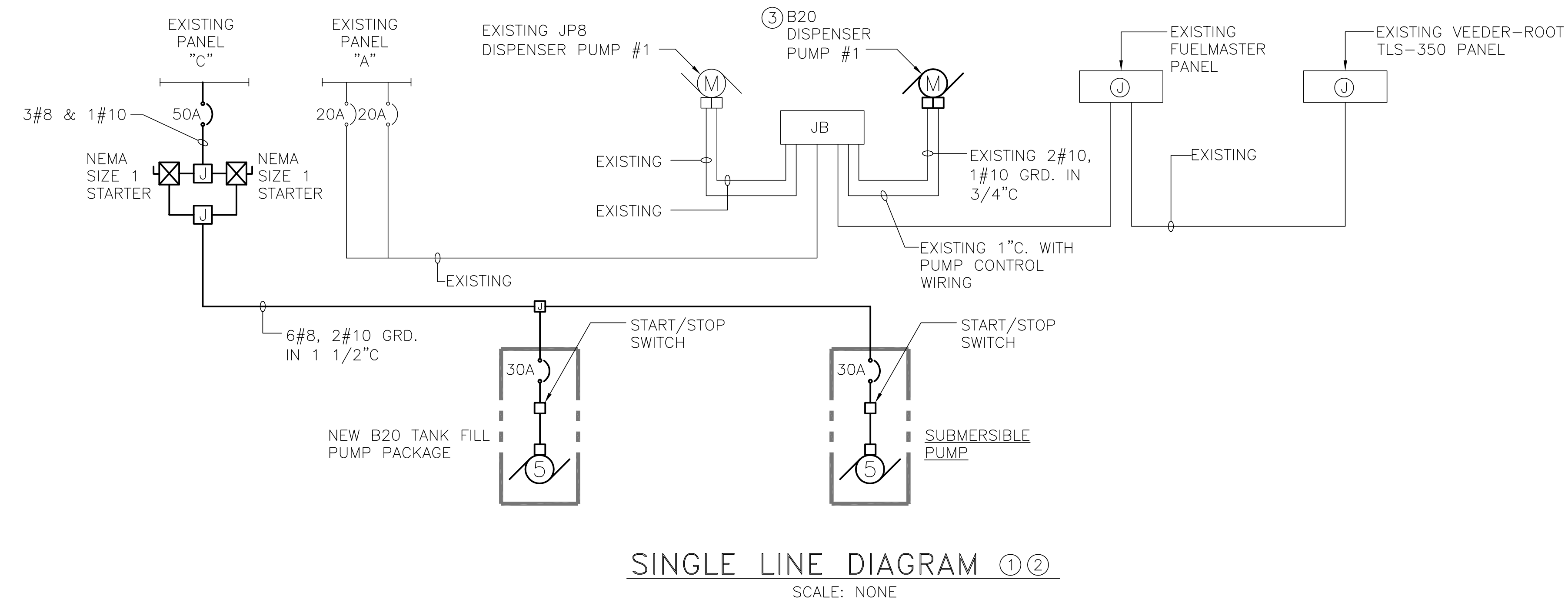
SERVES	CB		BUS			CB		SERVES	
	P	TA	A	B	C	TA	P		
MASTER JP8	1	20	1	X	X	2	20	1	DISP JP8 FUEL
SPARE	1	20	3	X	X	4	20	1	DISP JP8 FUEL
CANOPY LIGHTS	2	20	5	X	X	6	20	2	CANOPY LIGHTS
CONSOLE LEAK MONITOR	1	20	9	X	X	10	20	2	STP #1
CONTROL BULK	1	20	11	X	X	12	—	—	—
PANEL "B"	2	40	13	X	X	14	20	2	STP #2
SPARE	1	20	17	X	X	18	20	1	DISPENSER
SAT VIR UNLD	1	20	19	X	X	20	20	2	DISPENSER
BULK PUMP #1	3	20	21	X	X	22	—	—	—
—	—	—	23	X	X	24	20	1	DISPENSER
—	—	—	25	X	X	26	20	2	DISPENSER UL
BULK PUMP #2	3	20	27	X	X	28	—	—	—
—	—	—	29	X	X	30	20	1	SPARE
—	—	—	31	X	X	32	20	2	DISPENSER
BULK PUMP #3	3	20	33	X	X	34	—	—	—
—	—	—	35	X	X	36	20	1	SPARE
—	—	—	37	X	X	38	20	3	PANEL C
VIR	1	20	39	X	X	40	—	—	—
VIR	1	20	41	X	X	42	—	—	—

DRAWING NOTES:
 ① EXISTING PANELBOARD IS A SIEMENS INC. MODEL # L1X42MC250.

PANELBOARD: C MAINS: M.L.O. AMPS: 100 MIN AIC: 10K
 LOCATION: FUEL FARM EQUIP RACK VOLTS: 120/208 PHASE: 3 WIRES: 4
 MOUNTING: SURFACE ENCL NEMA: 3R NOTES: EXISTING PANEL ①

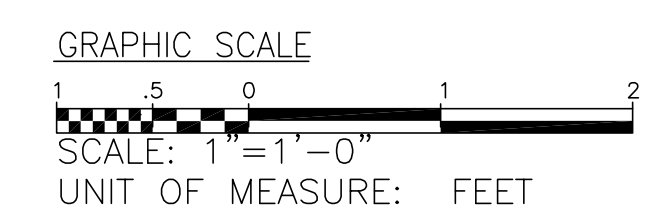
SERVES	CB		BUS			CB		SERVES	
	P	TA	A	B	C	TA	P		
SIMPLEX OFFLOAD	3	30	1	X	X	2	20	2	E85 STP
—	—	—	3	X	X	4	—	—	—
—	—	—	5	X	X	6	20	2	UNLEADED STP
E85 DISP. #9	2	20	7	X	X	8	—	—	—
—	—	—	9	X	X	10	20	1	SPARE
FUTURE REC @ E85	1	20	11	X	X	12	—	—	SPACE
E85 DISP. #10	2	20	13	X	X	14	50	3	B20 FILL PUMP #1 ②
—	—	—	15	X	X	16	—	—	—
SPACE	—	—	17	X	X	18	—	—	—

DRAWING NOTES:
 ① EXISTING PANELBOARD IS AN GENERAL ELECTRIC (GE) MODEL # AQX3182RCX.
 ② PROVIDE CIRCUIT BREAKER TO MATCH EXISTING BREAKERS AND AIC RATING. INSTALL IN EXISTING SPACE.



REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

- DRAWING NOTES:
 ① ALL RACEWAYS SHALL BE INSTALLED IN ACCORDANCE WITH NEC. ARTICLE 500, CLASS 1, DIVISION 1 REQUIREMENTS.
 ② REFER TO PANEL SCHEDULE FOR NUMBER OF POLES FOR EACH CIRCUIT BREAKER SHOWN.
 ③ REUSE EXISTING FEEDER/CONDUIT AND CONTROL WIRING/CONDUIT SHOWN.



DATE: 4/25/12	FINAL SUBMISSION	E4.01
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY	PUBLIC WORKS DIVISION
DES JWM	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
DR MBH	FUEL TANK TRANSITION BUILDING TC366	
CHK EJM	DETAILS	
SUPV DSP	NAVFAC DRAWING NO. 60010021	
IN CH .	APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO
SATISFACTORY TO	DATE	F .
SCALE NOTED SPEC 11-0185		CONSTRUCTION CONTRACT NO. N 40085-11-D-0185 SHEET 8 OF 8