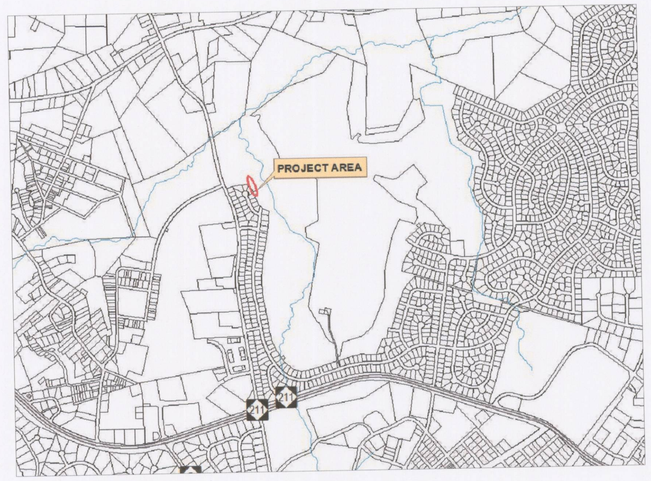
LIFT STATION 3-1 REPLACEMENT

PINEHURST, N.C.

MARCH 2016



SCHEDULE OF DRAWINGS

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CALL BEFORE YOU DIG!
NC ONE CALL CENTER

811 or 1-800-632-4949
CALL THREE DAYS
BEFORE DIGGING

MOORE COUNTY PUBLIC WORKS DEPARTMENT

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P.O. BOX 1927
CARTHAGE, NC 28327
(910) 947-6315

NORTH CAROLINA PROFESSIONAL SEAL 035163 ENGINEER LEONARD McBRYDE III

4/27/16

LEGEND

- EXISTING MANHOLE
- PROPOSED MANHOLE
- EXISTING SEWER MAIN
- PROPOSED SEWER MAIN
- EXISTING FORCE MAIN
- PROPOSED FORCE MAIN
- EXISTING WATER MAIN/SERVICE
- PROPOSED WATER SERVICE
- RIGHT OF WAY
- EDGE OF PAVEMENT
- PROPOSED DRIVEWAY
- PROPERTY LINE
- EASEMENT
- EXISTING FENCE
- PROPOSED FENCE

GENERAL CONSTRUCTION NOTES

- CONTRACTOR SHALL REPAIR ALL DISTURBED AREAS TO EQUAL OR BETTER CONDITION THAN THE ORIGINAL SITE.
- LOCATIONS OF EXISTING UTILITIES AS SHOWN ARE APPROXIMATE ONLY. EXACT LOCATIONS ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR AT LEAST THREE DAYS PRIOR TO CONSTRUCTION. CONTRACTOR MUST NOTIFY EXISTING UTILITY OWNERS. CALL BEFORE YOU DIG - NORTH CAROLINA ONE CALL (1-800-632-4949)
- CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER EXISTING BURIED UTILITIES HAVE BEEN LOCATED AND 24 HOURS PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL FOLLOW ALL FEDERAL, STATE AND LOCAL HEALTH AND SAFETY REGULATIONS PERTAINING TO CONSTRUCTION OPERATIONS.
- CONTRACTOR SHALL PROVIDE EROSION CONTROL DEVICES TO CONTROL RUNOFF FROM THE CONSTRUCTION SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES THAT MAY BE LEVIED DUE TO POLLUTION CREATED DURING CONSTRUCTION.
- SEWER LINES SHALL HAVE 3'-0" MINIMUM COVER, UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
- WATER AND SEWER LINES SHALL HAVE A MINIMUM 10' HORIZONTAL SEPARATION OR A MINIMUM 18" VERTICAL SEPARATION WITH THE WATER OVER THE SEWER, OR BOTH WATER AND SEWER LINES SHALL BE DUCTILE IRON PIPE 10' EITHER SIDE OF THE CROSSING.
- WATER AND STORM SEWER LINES SHALL HAVE A MINIMUM 24" VERTICAL SEPARATION.
- SEE **PROJECT SPECIFICATIONS** FOR ADDITIONAL INFORMATION.
- ALL FENCES DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH LIKE MATERIALS IN A PROFESSIONAL MANNER AND IN ACCORDANCE WITH STANDARD FENCE CONSTRUCTION PRACTICES AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL FIELD LOCATE ALL BURIED TELEPHONE LINES IN CONFLICT WITH THE PROPOSED SEWER LINE. WHERE NECESSARY, EXISTING BURIED TELEPHONE LINES SHALL BE TEMPORARILY MOVED DURING CONSTRUCTION OF THE PROPOSED SEWER LINE AND RE-LAID AT NO ADDITIONAL COST TO THE OWNER.
- ALL MATERIALS USED SHALL CONFORM TO MOORE COUNTY PUBLIC WORKS DEPARTMENT STANDARDS.
- ALL TRAFFIC CONTROL SHALL CONFORM TO THE REQUIREMENTS OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION AND SHALL REPAIR ROADS PER REQUIREMENTS OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION. SAND OR A SIMILAR MATERIAL APPROVED BY THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION SHALL BE PLACED AS A PROTECTIVE BARRIER BETWEEN TRACKED EQUIPMENT AND THE ROAD AND CLEANED UP PROPERLY AFTER CONSTRUCTION.
- ALL CONSTRUCTION ACTIVITIES SHALL OCCUR WITHIN THE PROPERTY, RIGHT-OF-WAY OR PROPERTY EASEMENTS AS SHOWN ON THE PLANS.
- MOORE COUNTY PUBLIC UTILITIES REQUIRES A MINIMUM OF FORTY-EIGHT (48) HOURS NOTICE WHEN REQUESTING AN ENGINEERING INSPECTION. INSPECTION REQUESTS MAY BE MADE BY CALLING THE ENGINEERING DIVISION OF THE MOORE COUNTY PUBLIC WORKS DEPARTMENT, AT (910)947-6315.
- THE CONTRACTOR SHALL KEEP A CLEAN LEGIBLE COPY OF THE AUTHORIZATION TO CONSTRUCT AND 1 SET OF RECORD DRAWINGS ON SITE AT ALL TIMES. RECORD DRAWINGS SHALL BE CHECKED WEEKLY.
- ALL SOIL EROSION CONTROL MEASURES SHALL BE PERFORMED PRIOR TO GRADING, CLEARING, AND GRUBBING. ALL EROSION CONTROL DEVICES SUCH AS SILT FENCES, ETC. SHALL BE MAINTAINED IN WORKABLE CONDITION FOR THE LIFE OF THE PROJECT AND SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT ONLY AFTER THE ENGINEER'S APPROVAL. ANY DAMAGE TO THE EROSION CONTROL MEASURES SHALL BE REPAIRED AT NO EXTRA COST AND SILT REMOVAL FROM ADJACENT PROPERTIES SHALL BE PERFORMED AT NO EXTRA COST.
- CLEARING AND GRUBBING WASTES SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE, UNLESS SPECIFIED OTHERWISE.
- IN THE EVENT EXCESSIVE GROUNDWATER IS ENCOUNTERED WITHIN THE LIMITS OF CONSTRUCTION, THE CONTRACTOR SHALL INSTALL NECESSARY DRAINS AND STONE AS APPROVED BY THE ENGINEER.
- CONTRACTOR SHALL KEEP ALL EXISTING SEWER LINES IN SERVICE DURING CONSTRUCTION UNLESS PRIOR AUTHORIZATION IS GRANTED FROM THE MOORE COUNTY ENGINEER.

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LIFT STATION 3-1 REPLACEMENT
PINEHURST, NC

DATE: MARCH, 2016
DESIGNED BY: LM III
CADD BY: LSD

GENERAL NOTES

REVISIONS

NO.	DATE	BY	DESCRIPTION

SHEET

G2

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LIFT STATION 3-1 REPLACEMENT
PINEHURST, NC

DATE: MARCH, 2016
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EXISTING CONDITIONS

REVISIONS			
NO.	DATE	BY	DESCRIPTION

SHEET

C1

EXISTING LIFT STATION PICTURES

PROPOSED LIFT STATION PICTURES

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LIFT STATION 3-1 REPLACEMENT
PINEHURST, NC

DATE: FEB. 2016
DESIGNED BY: LM III
CADD BY: LSD

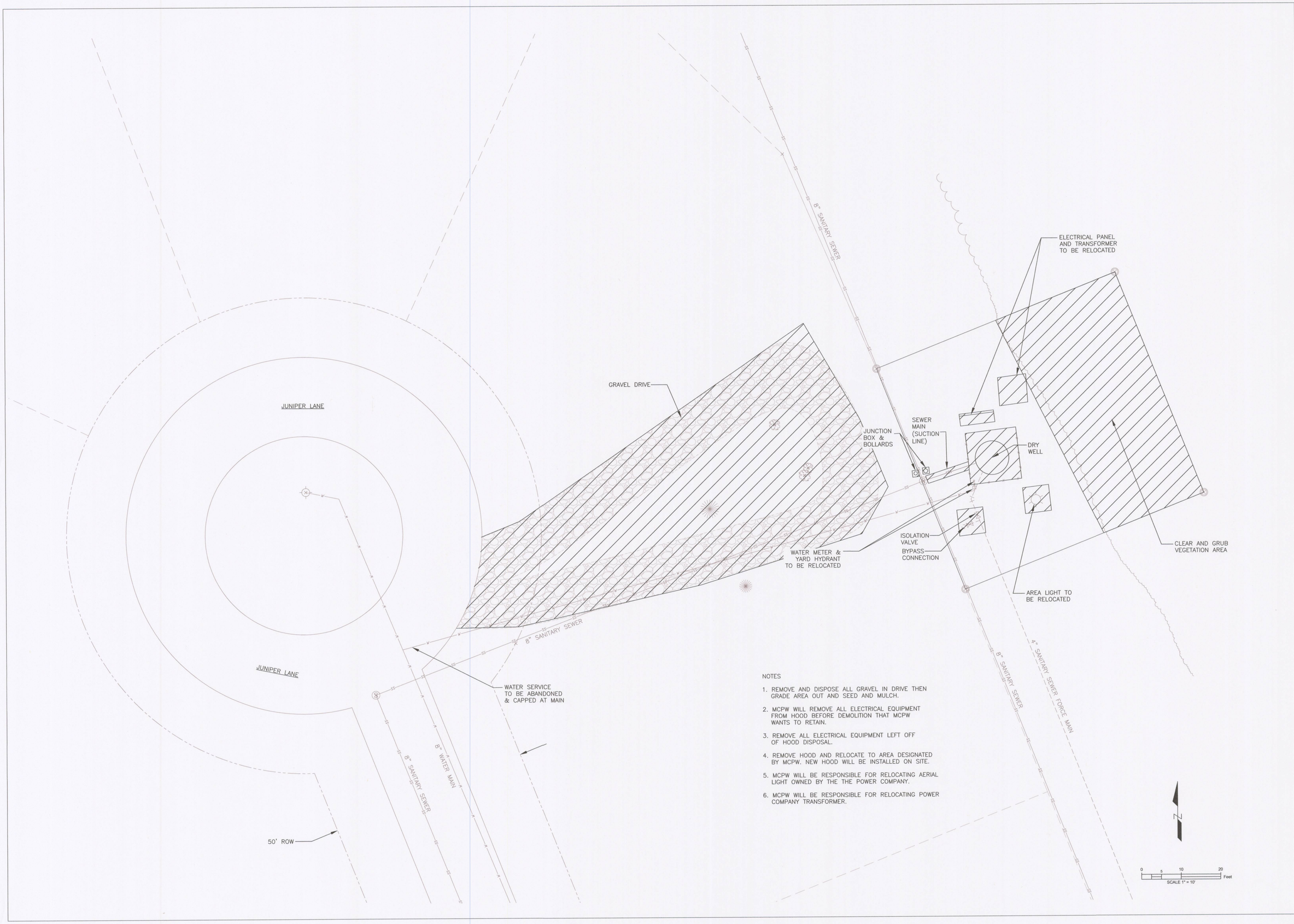
EXISTING CONDITIONS PICTURES

REVISIONS

NO.	DATE	BY	DESCRIPTION

SHEET

C2



NOTES

1. REMOVE AND DISPOSE ALL GRAVEL IN DRIVE THEN GRADE AREA OUT AND SEED AND MULCH.
2. MCPW WILL REMOVE ALL ELECTRICAL EQUIPMENT FROM HOOD BEFORE DEMOLITION THAT MCPW WANTS TO RETAIN.
3. REMOVE ALL ELECTRICAL EQUIPMENT LEFT OFF OF HOOD DISPOSAL.
4. REMOVE HOOD AND RELOCATE TO AREA DESIGNATED BY MCPW. NEW HOOD WILL BE INSTALLED ON SITE.
5. MCPW WILL BE RESPONSIBLE FOR RELOCATING AERIAL LIGHT OWNED BY THE THE POWER COMPANY.
6. MCPW WILL BE RESPONSIBLE FOR RELOCATING POWER COMPANY TRANSFORMER.

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LIFT STATION 3-1 REPLACEMENT
PINEHURST, NC

DATE: MARCH, 2016
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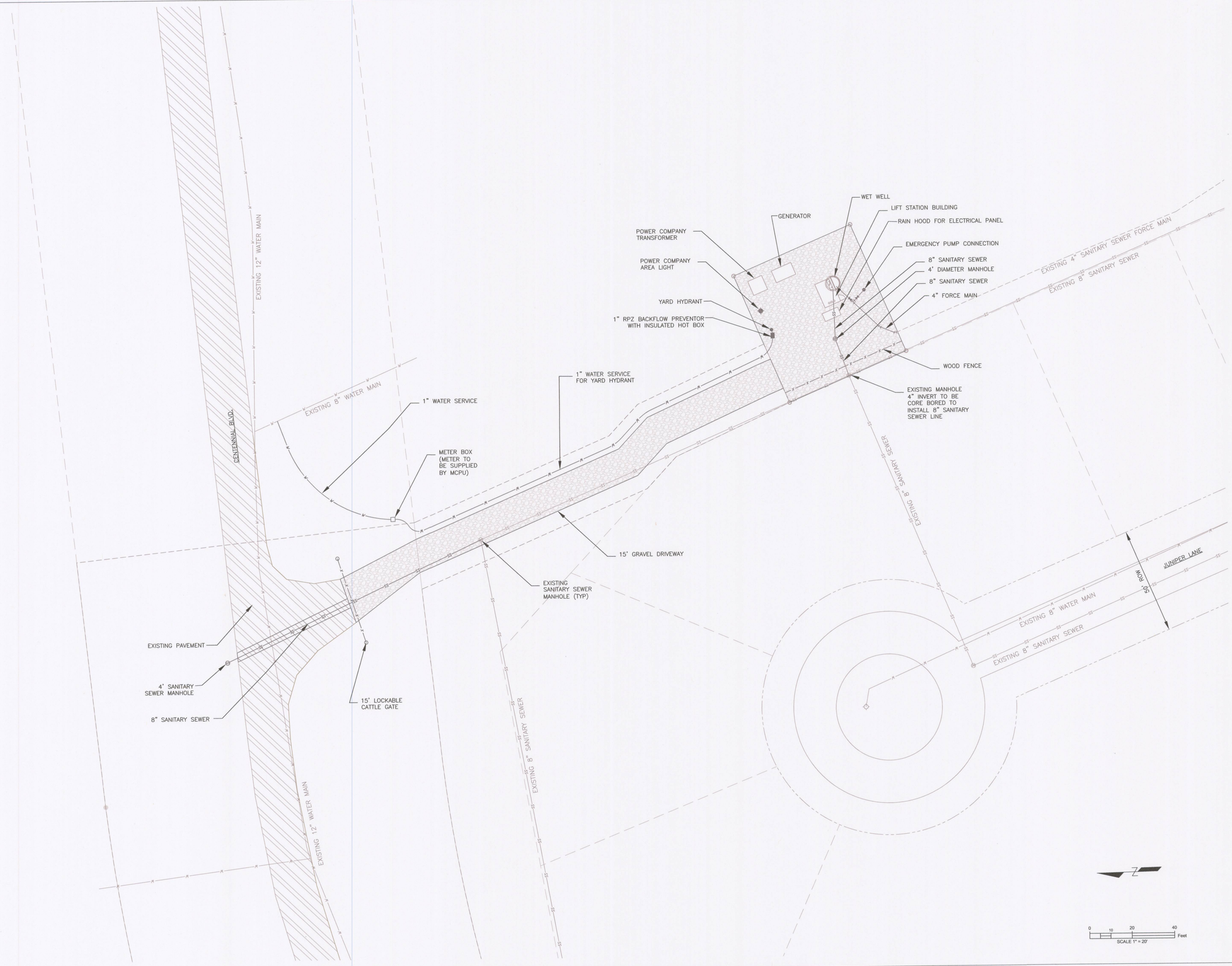
DEMOLITION PLAN

REVISIONS

NO.	DATE	BY	DESCRIPTION

SHEET
C3



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LIFT STATION 3-1 REPLACEMENT
PINEHURST, NC

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OVERALL SITE PLAN

REVISIONS

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SHEET

C4

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NORTH CAROLINA PROFESSIONAL SEAL 035163 ENGINEER LEONARD MERRITT SEBASTIAN

LIFT STATION 3-1 REPLACEMENT
PINEHURST, NC

DATE: MARCH, 2016
DESIGNED BY: LM III
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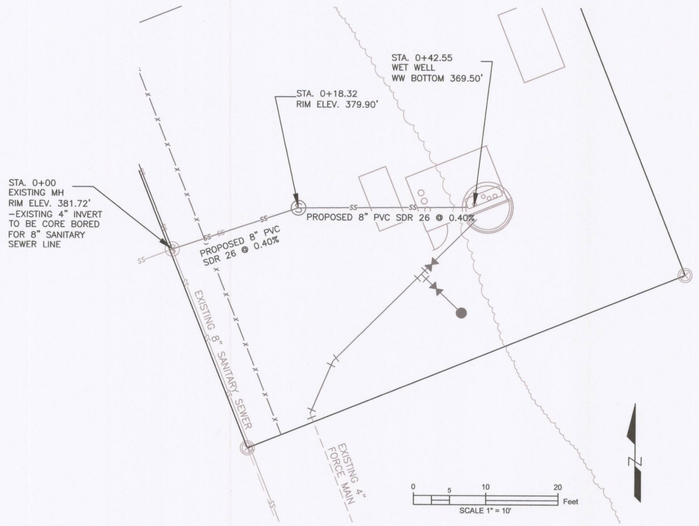
LIFT STATION SITE PLAN

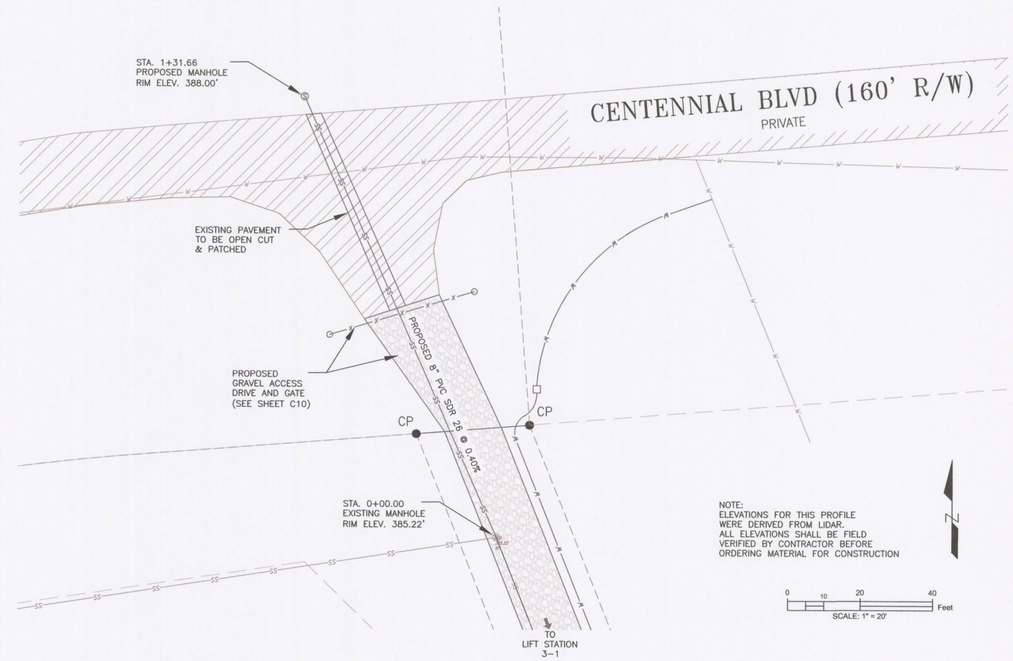
REVISIONS

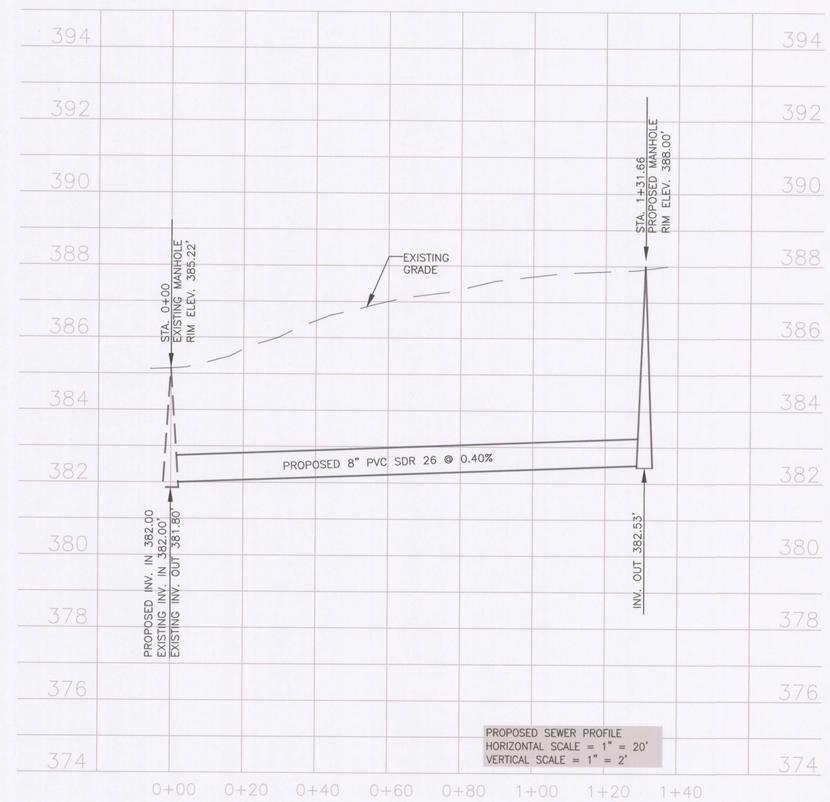
NO.	DATE	BY	DESCRIPTION

SHEET

C5







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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 039 LEONARD H. MEBANE JR.
9/28/16

LIFT STATION 3-1 REPLACEMENT
PINEHURST, NC

DATE: MARCH, 2016
DESIGNED BY: LM III
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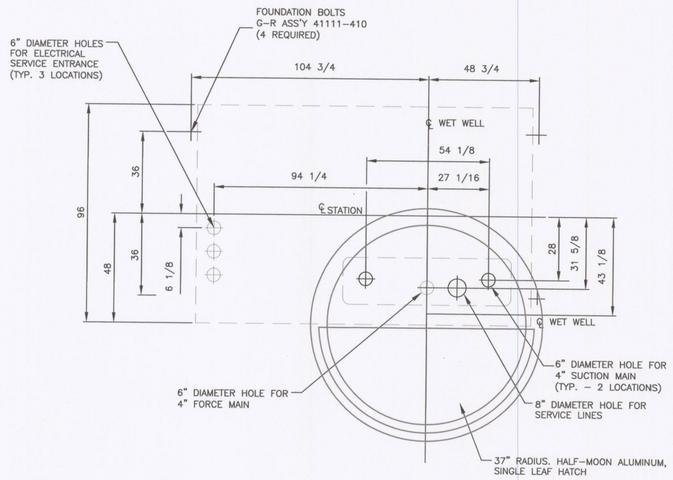
SANITARY SEWER
PLAN & PROFILE

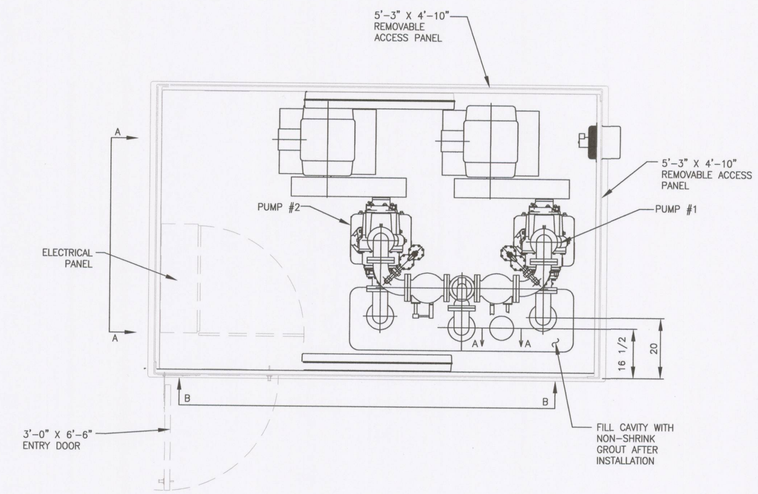
REVISIONS

NO.	DATE	BY	DESCRIPTION

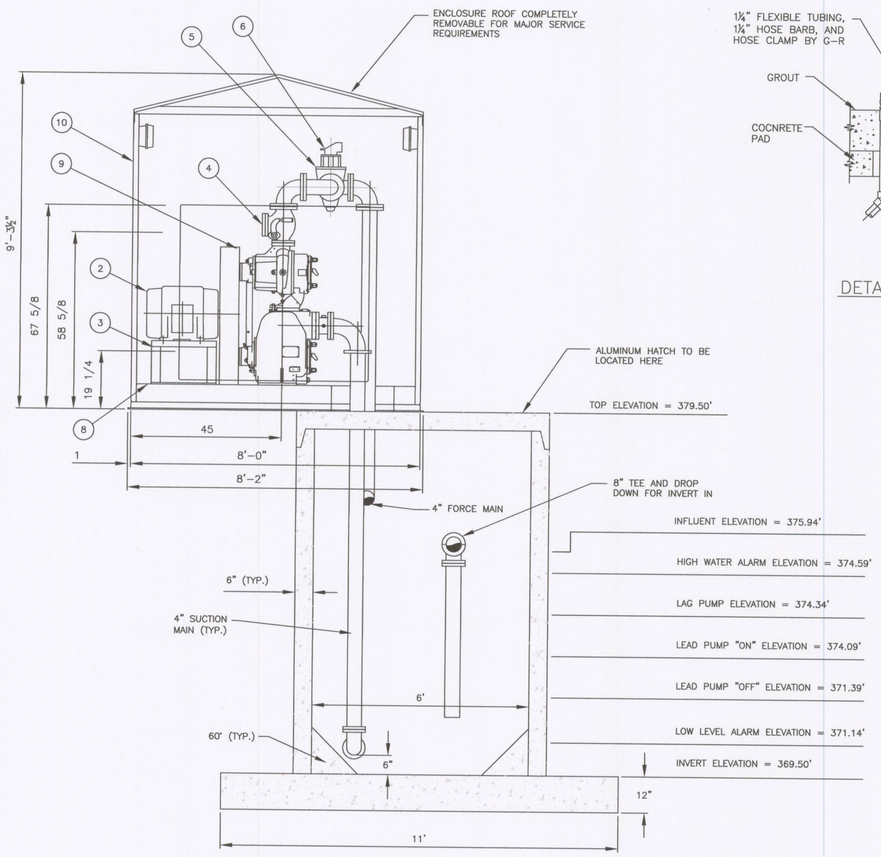
SHEET
C6



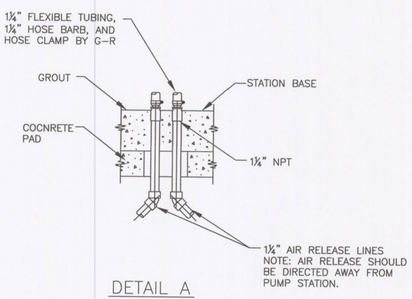
PLAN VIEW



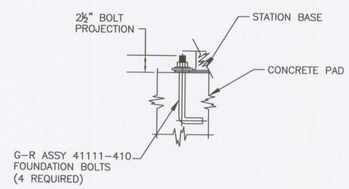
PLAN VIEW



SECTION A-A



DETAIL A

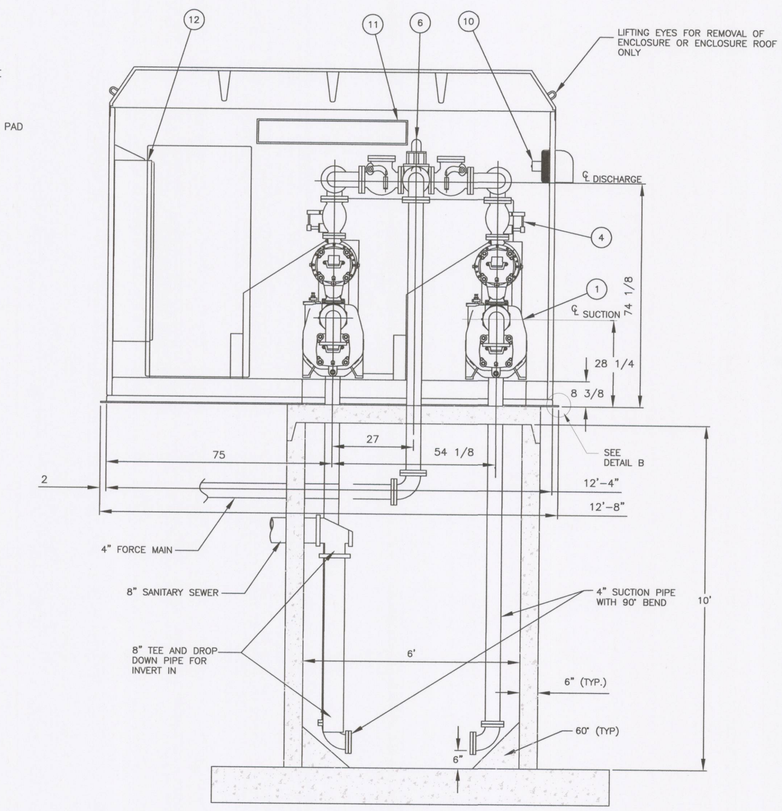


DETAIL B

ITEM	DESCRIPTION	SIZE
1	HORSEPOWER	40
2	RPM	1,650
3	VOLTS	480
4	SOLIDS PASSING	3"
5	DISCHARGE DIAMETER	4"
6	IMPELLER DIAMETER	9.75"

ITEM	DESCRIPTION	MATERIAL & SIZE	
1	PUMP	CAST IRON	V3B-B
2	MOTOR	CAST IRON	
3	MOTOR STAND ASSEMBLY	STEEL	
4	DISCHARGE CHECK VALVE	CAST IRON	4" X 4"
5	DISCHARGE PLUG VALVE	CAST IRON	4" 3-WAY
6	AIR RELEASE VALVE	FIBERGLASS	1 1/4 "
7	STATION BASE ASSEMBLY	FRP/CONCRETE	
8	BELT GUARD ASSY	STEEL	
9	STATION ENCLOSURE ASS'Y	FRP	8'-0" X 12'-4"
10	EXHAUST FAN	STEEL	550 CFM
11	FLUORESCENT LIGHT FIXTURE	FRP	80 WATT
12	MOTOR CONTROL PANEL	STEEL	
13	INTAKE VENT ASSEMBLY *	ALUMINUM	

* NOT SHOWN. LOCATED IN 3'-0" X 6'-6" ENTRY DOOR ASSEMBLY.



SECTION B-B

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LIFT STATION 3-1 REPLACEMENT
PINEHURST, NC

DATE: MARCH, 2016
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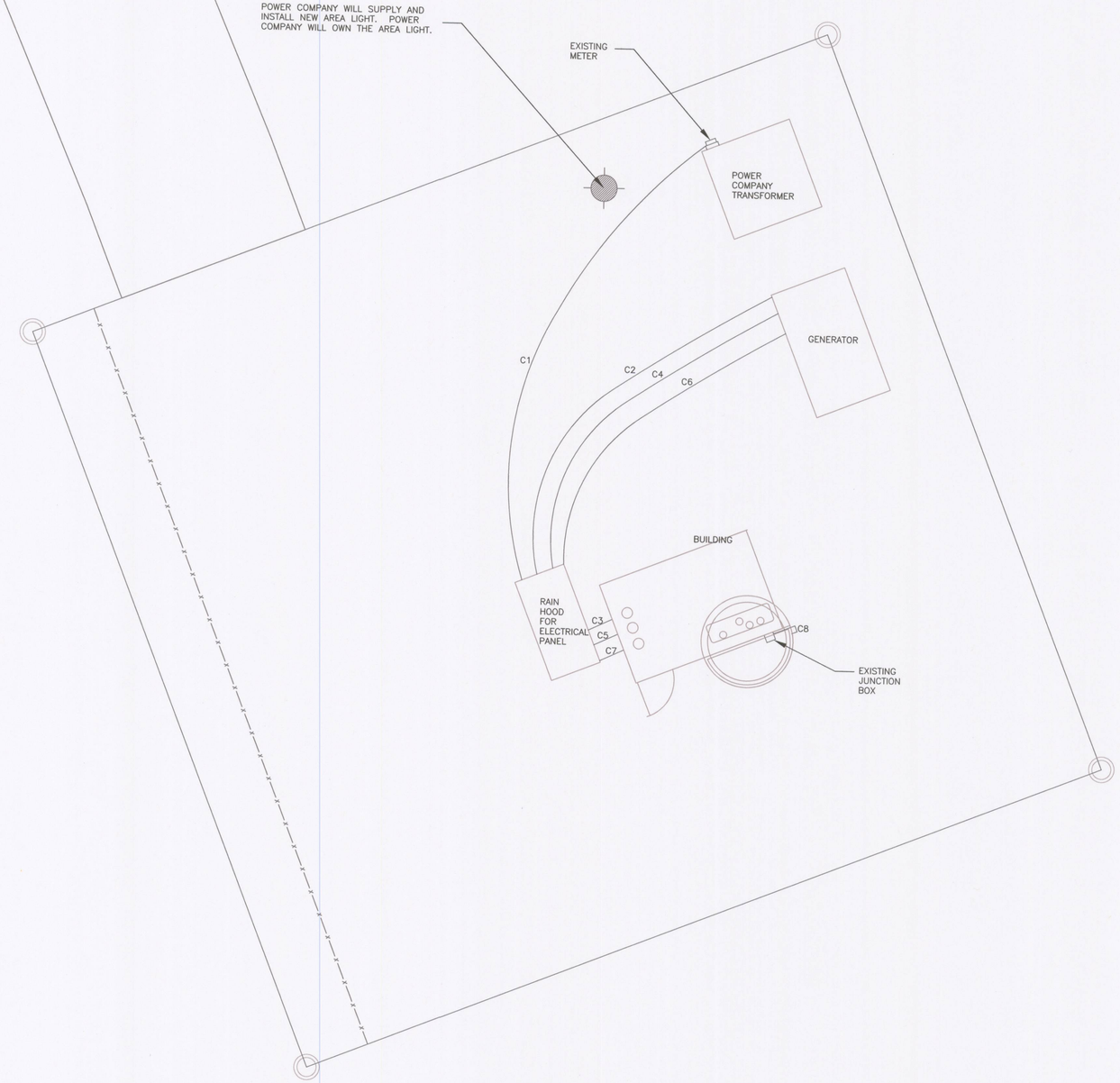
LIFT STATION
PLAN & PROFILE

REVISIONS

NO.	DATE	BY	DESCRIPTION

SHEET
C7



NOTES:

1. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF ALL ELECTRICAL WORK SHOWN ON THE DRAWINGS.

2. ALL ELECTRICAL WORK AND MATERIALS SHALL COMPLY WITH THE NEC AND OTHER APPLICABLE FEDERAL, STATE, AND LOCAL CODES. ALL ELECTRICAL EQUIPMENT SHALL BE LISTED OR LABELED FOR THE APPLICATION AS REQUIRED BY NORTH CAROLINA STATUTES. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS.

3. ALL DISCONNECT SWITCHES, JUNCTION BOXES, MOTOR CONTROLLERS, AND OTHER EQUIPMENT REQUIRING ELECTRICAL POWER CONNECTION SHALL BE MARKED WITH VOLTAGE PRESENT, AS APPROPRIATE TO DESIGNATE 120, 208, 240, 277, 480, 12.470 VOLTS AND SINGLE OR THREE PHASE, AS APPLICABLE.

4. WIRE SHALL BE STRANDED COPPER WITH TYPE THHN/THWN-2 600V INSULATION. CONDUCTORS SHALL BE COLOR CODED BLACK, RED, WHITE, AND GREEN ON 208Y/120 VOLT SYSTEMS, AND BROWN, ORANGE, YELLOW, AND GREEN ON 480Y/277 VOLT SYSTEMS. A GROUNDING CONDUCTOR SHALL BE INSTALLED IN EVERY CONDUIT.

5. CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING ALL CONDUITS. THIS SHALL INCLUDE ALL CONDUITS INDICATED ON THE ONE-LINES, PLANS AND PANELS SCHEDULES. ALL CONDUIT SHALL BE CONCEALED WHERE POSSIBLE.

6. CONTRACTOR SHALL VERIFY ALL EQUIPMENT LOCATIONS CONNECTION POINTS PRIOR TO INSTALLATION.

7. CONTRACTOR SHALL MEET WITH THE LOCAL FIELD ENGINEER OF THE ELECTRICAL UTILITY TO COORDINATE THE EXISTING METER CONNECTION REQUIREMENTS. CONTRACTORS SHALL BE RESPONSIBLE FOR POWER COMPANY DISCONNECTION SO NEW ELECTRICAL CONNECTION CAN BE MADE.

8. MANUAL DISCONNECT SWITCH (MDS) SHALL BE DOUBLE-THROW SAFETY SWITCH TYPE, HEAVY DUTY 250V, 200A, 3-POLE, 4-WIRE, SERVICE ENTRANCE WITH NEMA 4X ENCLOSURE.

9. LIGHT IN WEATHER HOOD SHALL BE 4 FOOT FLUORESCENT WITH ENCLOSED FIBERGLASS HOUSING, WET LABEL LISTED, TWO 32WTB TUBES, AND ELECTRICAL BALLAST. COLUMBIA LUN4-232-EBBZ120, LITHONIA DM232-120GEB10IS, METALUX V72-230R-120EBB12-WL OR EQUAL. CONTRACTOR SHALL PROVIDE AND INSTALL A WEATHERPROOF LIGHT SWITCH FOR CONTROL OF THE LIGHT.

10. PUMP CONTROL PANEL (PCP) SHALL BE PROVIDED AND INSTALLED BY PUMP MANUFACTURER. INSIDE THE PUMP STATION ENCLOSURE.

11. ALL WIRING FOR FLOAT SWITCHES SHALL BE INTRINSICALLY SAFE

12. ALL SEAL OFFS SHALL BE CORD GRIPS

13. LIFT STATION IS CLASSIFIED HAZARDOUS, CLASS 1, DIVISION 1, GROUP D BY NFPA 820. ALL CONDUITS ENTERING THIS AREA SHALL BE PVC AND PANELS WITH A NEMA 4X RATING. CONTRACTOR TO COORDINATE THE LOCATION OF THE JUNCTION BOXES AND DISCONNECTS WITH THE OWNER.

14. ALL CORNERS AND EDGES OF EQUIPMENT RACK SHALL BE ROUNDED AND SMOOTH. ALL CONDUIT THREADS, THREADED FASTENERS, SAW CUTS, AND DAMAGED FINISHES SHALL BE BRUSH PAINTED WITH A HEAVY COAT OF ALUMINIZED PAINT. ALL VERTICAL POSTS SHALL BE CAPPED.

15. ALL MOUNTING HARDWARE (BOLTS, WASHERS, NUTS, STRUT, & CLAMPS) SHALL BE STAINLESS STEEL. PROVIDE NON-CONDUCTIVE SPACERS BETWEEN DISSIMILAR METALS.

N

0 1.25 2.5 5 10 Feet
SCALE 1" = 10'

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LIFT STATION 3-1 REPLACEMENT
PINEHURST, NC

DATE: MARCH, 2016
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CADD BY: LSD

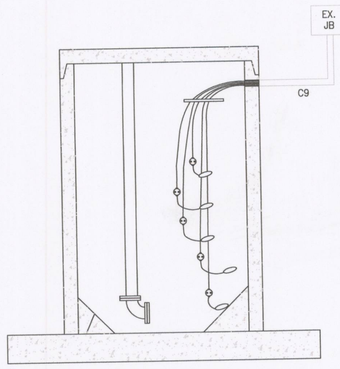
ELECTRICAL SITE PLAN

REVISIONS

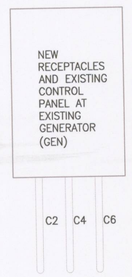
NO.	DATE	BY	DESCRIPTION

SHEET

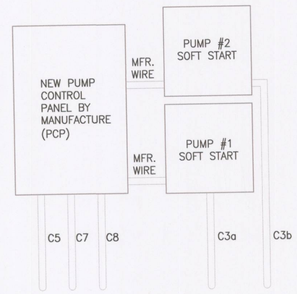
C8



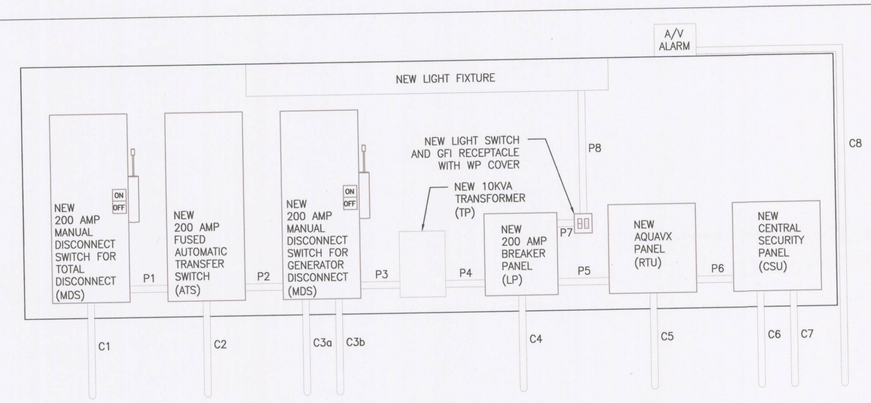
NEW BACKUP FLOAT SYSTEM



EXISTING GENERATOR

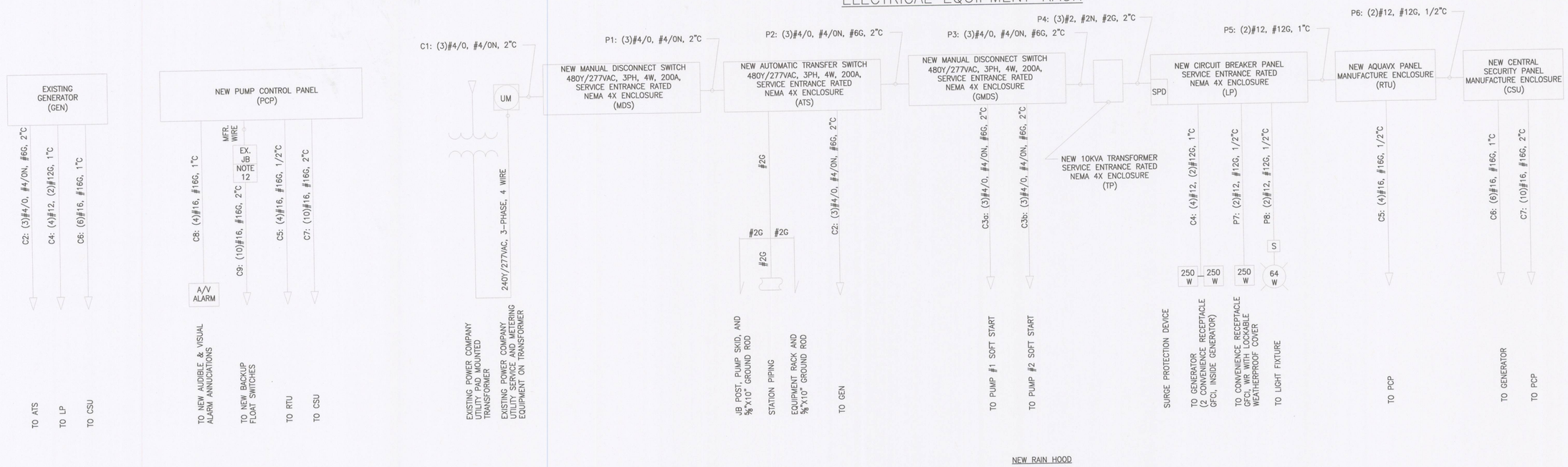


NEW BUILDING



NEW RAIN HOOD

ELECTRICAL EQUIPMENT RACK



SYSTEM ONE-LINE DIAGRAM

PANEL: LP

MAKE: –

TYPE: BOLT-ON

240Y/277VAC, 3-PHASE, 4-WIRE

MOUNT: ☐ FLUSH ☒ SURFACE

FEED: ☒ TOP ☒ BOTTOM ☒ SIDES

PROVIDE IF CHECKED:

☒ EQUIPMENT CU GROUND BUS

☐ GUTTER TAPS ☒ SUB-FEED LLGS

FULLY RATED: 22 KAC
NEMA TYPE: 4X

LOAD SERVER	WATTS A	WATTS B	WATTS C	COND. SIZE	WIRE SIZE	C/B TRIP AMPS	C/B TYPE	CKT NO.	ABC	CKT NO.	C/B TYPE	C/B TRIP AMPS	WIRE SIZE	COND. SIZE	WATTS A	WATTS B	WATTS C	LOAD SERVED
TYPE 2, 100KA SURGE PROTECTION DEVICE	0	0	0	3/4	10	30	3P	1		2	1P	15	12	1/2	64			HOOD LIGHT
								3		4	1P	20	12	1/2		250		HOOD RECEPTACLE
								5		6	1P	15	12	1/2			50	RTU
SPARE	–			–	–	–	–	7		8	1P	15	12	1/2	50			CSU
SPARE		–		–	–	–	–	9		10	1P	20	12	1		250		GENERATOR RECEPTACLE
SPARE			–	–	–	–	–	11		12	1P	20	12				250	GENERATOR RECEPTACLE
	0	0	0	SUB – TOTAL "B"				NEUTRAL			SUB-TOTAL "A"				114	500	300	
											SUB-TOTAL "B"				0	0	0	
											GRAND TOTAL				114	500	300	

1. PANEL SHALL BE RATED AS SUITABLE FOR USE AS EQUIPMENT (SUSE)
2. SPD MAY BE INTERNAL TO PANEL LP
3. 225 AMP COPPER BUS
4. 225 AMP MAIN LUGS
5. 200 AMP MAIN CIRCUIT BREAKER

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NORTH CAROLINA PROFESSIONAL SEAL 036163 ENGINEER EDWARD MCBRIDE III

LIFT STATION 3-1 REPLACEMENT
PINEHURST, NC

DATE: MARCH, 2016
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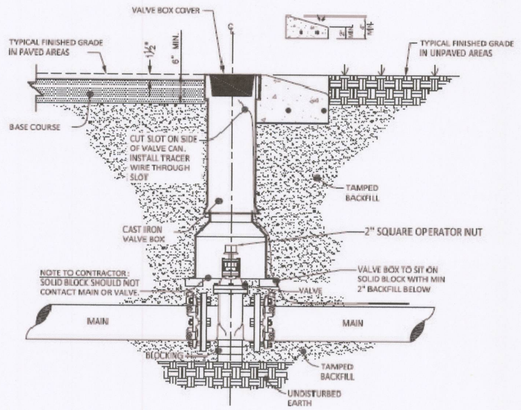
CADD BY: LSD

ELECTRICAL
ON-LINE & SCHEMATIC

REVISIONS

NO.	DATE	BY	DESCRIPTION

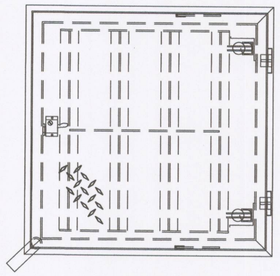
SHEET
C9



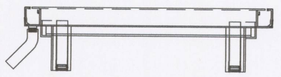
NOTES:
1. ONLY MANUFACTURED VALVE BOX EXTENSIONS SHALL BE ALLOWED.
2. VALVE OPERATING NUT MUST BE EXTENDED SO THAT THE DEPTH IS NO GREATER THAN 4' (FL) FROM THE SURFACE USING A MANUFACTURER APPROVED EXTENSION KIT.
3. PRECAST CONCRETE ENCASEMENT IS ALLOWED OUTSIDE OF PAVED AREAS.
4. CONCRETE PROTECTOR RING MAY BE USED IN LIEU OF ENCASEMENT IN UNPAVED AREAS.
5. ALL VALVES SHALL BE PLACED ON 4" THICK 8"X12" CONCRETE BLOCKS.

REVISED			
DATE	DESCRIPTION	MOORE COUNTY PUBLIC WORKS ENGINEERING DIVISION	VALVE AND VALVE BOX INSTALLATION	STD NO. PW-3

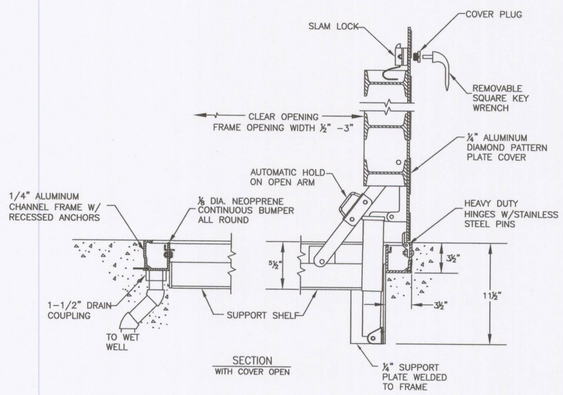
APR8, 2015



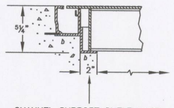
TOP VIEW*



SECTION*



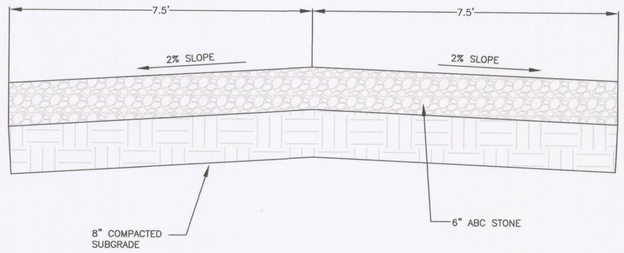
SECTION WITH COVER OPEN



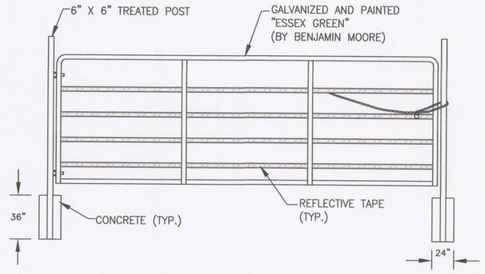
CHANNEL SUPPORT SHELF MUST BE SUPPORTED BY CONCRETE OR STEEL TO CARRY H–20 LOADING

ALUMINUM HATCH DETAIL

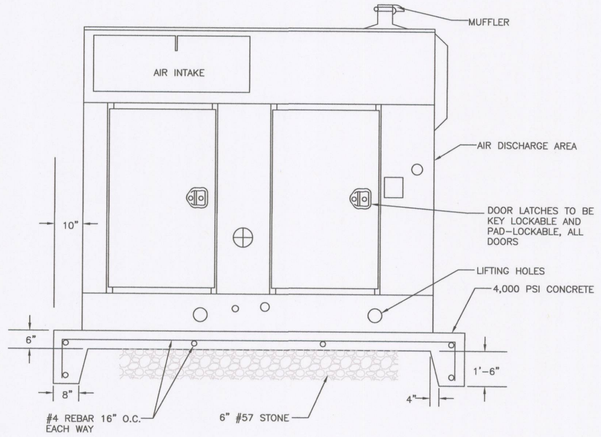
*NOTE: HATCH SHALL BE MANUFACTURED TO BE 37" RADIUS HALF–MOON SINGLE LEAF ALUMINUM HATCH, AS SHOWN ON PLANS.



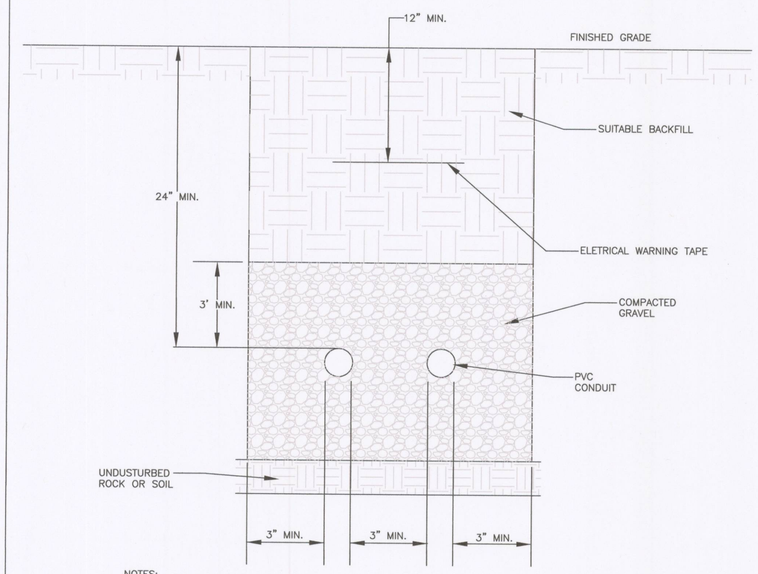
GRAVEL DRIVEWAY DETAIL



GATE DETAIL

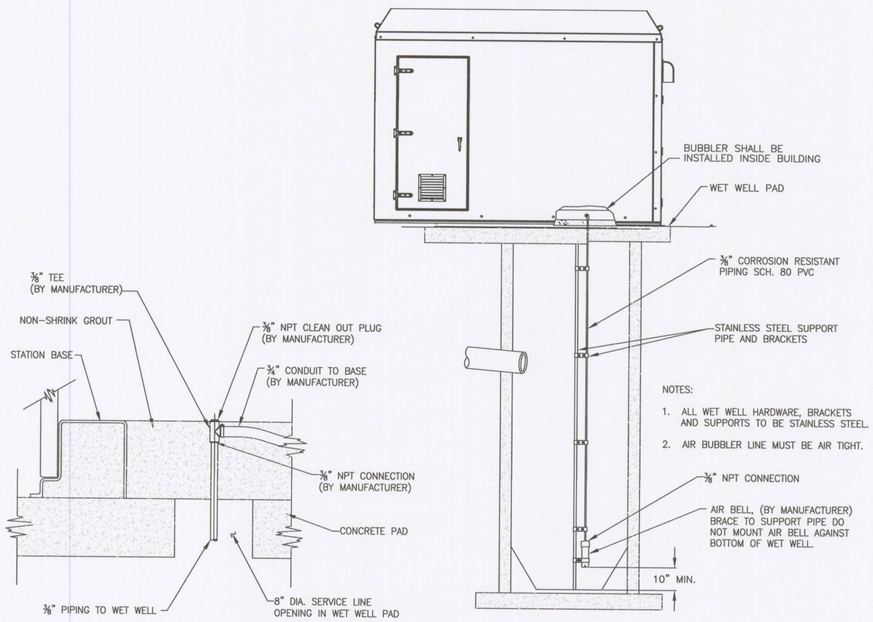


GENERATOR PAD DETAIL



NOTES:
1. ALL TRENCHING, BEDDING, AND BACKFILL BY THE SITE CONTRACTOR.
2. ELECTRICAL CONDUIT AND CONDUCTORS SHALL BE INSTALLED BY THE ELECTRICAL CONTRACTOR.
3. CONTRACTOR TO RESTORE SITE TO EXISTING CONDITION.

ELECTRICAL CONDUIT DETAIL

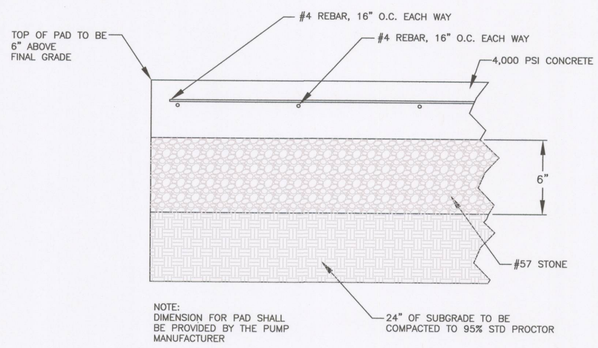


NOTES:
1. ALL WET WELL HARDWARE, BRACKETS AND SUPPORTS TO BE STAINLESS STEEL.
2. AIR BUBBLER LINE MUST BE AIR TIGHT.

CONNECTION DETAIL

BUBBLER SYSTEM DETAIL

BUBBLER SYSTEM DETAIL



NOTE:
DIMENSION FOR PAD SHALL BE PROVIDED BY THE PUMP MANUFACTURER

BUILDING PAD DETAIL

MOORE COUNTY PUBLIC WORKS
www.moorecountync.gov
5227 HWY 15-501
P.O. BOX 1927
CARTHAGE, NC 28327
(910) 947-6315

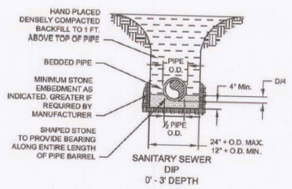
LIFT STATION 3-1 REPLACEMENT
PINEHURST, NC

DATE: MARCH, 2016
DESIGNED BY: LM III
CADD BY: LSD

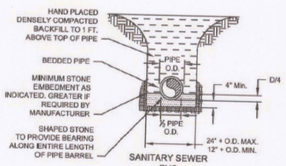
DETAILS

REVISIONS			
NO.	DATE	BY	DESCRIPTION

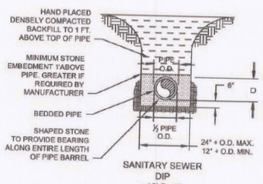
SHEET
C10



SANITARY SEWER
DIP
0' - 3' DEPTH



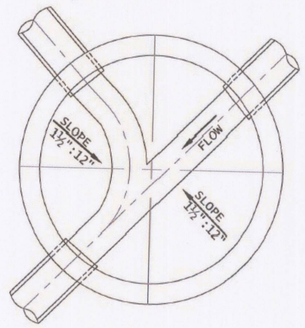
SANITARY SEWER
PVC
3' - 12' DEPTH



SANITARY SEWER
DIP
>12' Depth

REVISED				
DATE	DESCRIPTION	MOORE COUNTY PUBLIC WORKS ENGINEERING DIVISION	**PIPE LAYING PVC & DIP**	STD NO. SS-1

AUG 2015

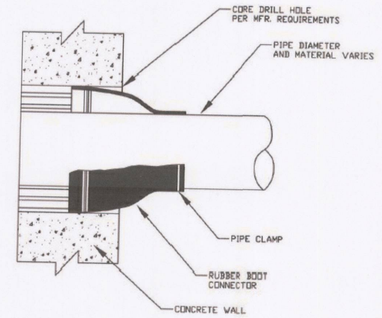


TYPICAL MANHOLE INVERT

(NTS)

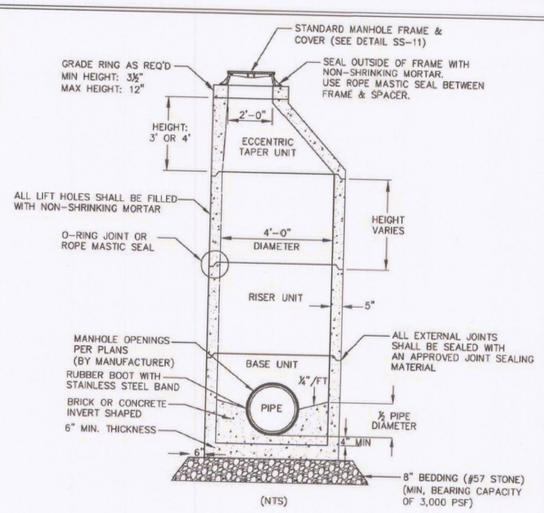
REVISED				
DATE	DESCRIPTION	MOORE COUNTY PUBLIC WORKS ENGINEERING DIVISION	**MANHOLE INVERT**	STD NO. SS-7

AUG 2015



REVISED				
DATE	DESCRIPTION	MOORE COUNTY PUBLIC WORKS ENGINEERING DIVISION	**RUBBER BOOT DETAIL**	STD NO. SS-16

AUG 2015



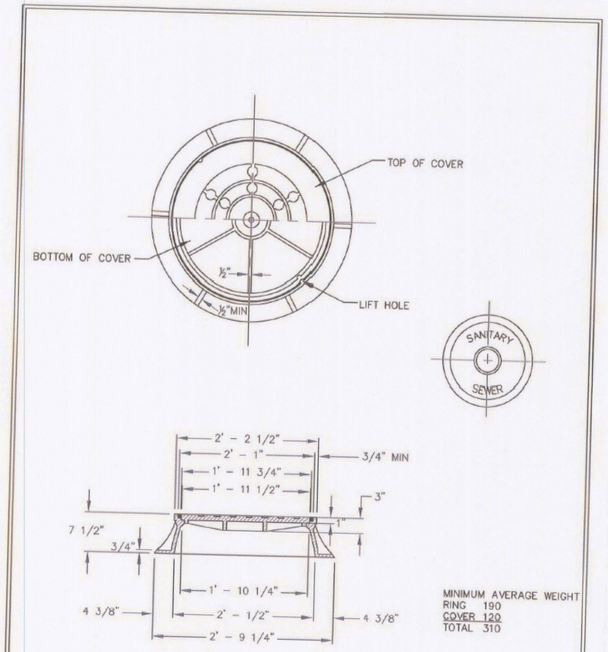
(NTS)

NOTES:

1. 4,000 PSI CONCRETE MIN. A.S.: 0.17 SQ.IN/FT (REINF. NOT SHOWN)
2. FOR TEMPORARY DEAD-END MANHOLES, THE INVERT THROUGH CONSTRUCTION SHALL BE EXTENDED THROUGH THE MANHOLE. FOR PERMANENT DEAD-END MANHOLES, THE INVERT SHALL BE BOWL SHAPE.
3. EXTENDED BASE REQUIRED FOR ALL MANHOLES OVER 10' IN DEPTH.
4. IN INSTALLATION AREAS WHERE GROUNDWATER IS ENCOUNTERED, UPLIFT COMPUTATIONS & BALLASTING MAY BE REQUIRED.
5. BASE AND BASE SLAB SHALL BE MONOLITHIC.
6. ALL MANHOLE CONNECTIONS SHALL BE PREFABRICATED OR CORED WITH A CONCRETE CORING MACHINE.
7. ALL MANHOLES SHALL BE VACUUM TESTED.

REVISED				
DATE	DESCRIPTION	MOORE COUNTY PUBLIC WORKS ENGINEERING DIVISION	**4' STANDARD MANHOLE**	STD NO. SS-18

AUG 2015



MINIMUM AVERAGE WEIGHT
RING 190
COVER 120
TOTAL 310

REVISED				
DATE	DESCRIPTION	MOORE COUNTY PUBLIC WORKS ENGINEERING DIVISION	**STANDARD MANHOLE FRAME & COVER**	STD NO. SS-19

AUG 2015

MOORE COUNTY PUBLIC WORKS
www.moorecountync.gov
5227 HWY 15-501
P.O. BOX 1927
CARTHAGE, NC 28327
(910) 947-6315

LIFT STATION 3-1 REPLACEMENT
PINEHURST, NC

DATE: MARCH, 2016
DESIGNED BY: LM III
CADD BY: LSD

DETAILS

REVISIONS			
NO.	DATE	BY	DESCRIPTION

SHEET

C11