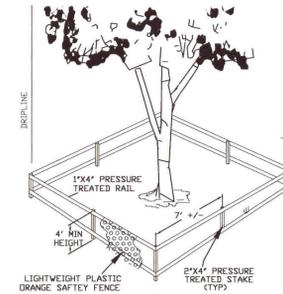


NOTE: ALL TREE REMOVAL, LAND CLEARING, "LAND DISTURBANCE ACTIVITIES", PLACEMENT OF FILL MATERIALS, GRADING OF LAND, OTHER DEVELOPMENT ACTIVITIES, ETC. SHALL ONLY OCCUR AFTER ALL PROPER PERMITS &/OR APPROVALS ARE OBTAINED FROM ESCAMBA COUNTY & ANY OTHER AGENCIES AS REQUIRED"

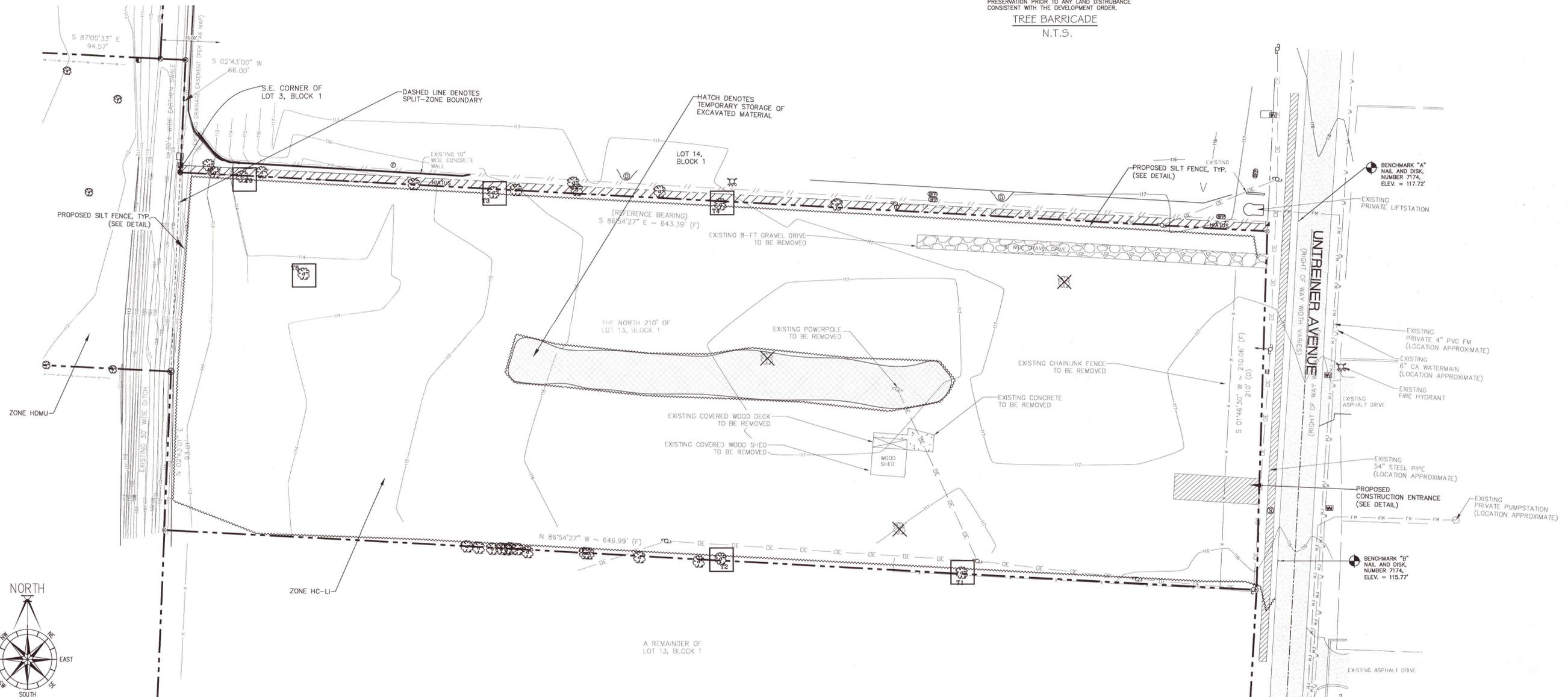
TREE SCHEDULE

TREE	SIZE	TYPE
T1	45"	LIVE OAK (REMAIN)
T2	30"	LIVE OAK (REMAIN)
T3	23"	LIVE OAK (REMAIN)
T4	24"	LIVE OAK (REMAIN)
T5	19"	MAGNOLIA (REMOVE)
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T7	12"	PECAN (REMOVE)
T8	43"	LIVE OAK (REMAIN)
T9	24"	LIVE OAK (REMAIN)

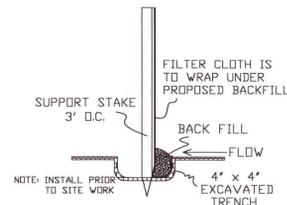


TREE BARRICADES SHOULD BE IN PLACE AROUND THE DRIPLINE OF THE PROTECTED TREES MARKED FOR PRESERVATION PRIOR TO ANY LAND DISTURBANCE CONSISTENT WITH THE DEVELOPMENT ORDER.

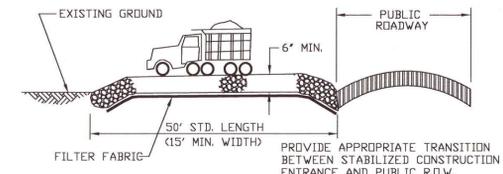
TREE BARRICADE
N.T.S.



30' 15' 0 30'
SCALE 1" = 30'



SILT FENCE DETAIL
N.T.S.



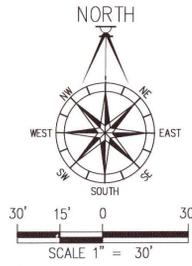
STABILIZED CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE

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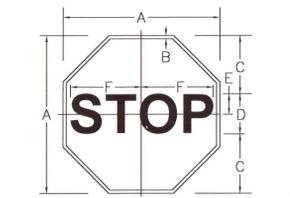
XTREME RV PARK
EXISTING CONDITIONS - SITE PLAN

DATE	REVISION

DRAWN BY: B. PEMENT
DESIGNED BY: DAVID W. FITZPATRICK
PROJECT NUMBER: 20-012
PLOT DATE: 11/22/21
SHEET C2 OF C8

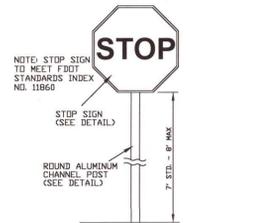


LOT COVERAGE			
TOTAL LAND AREA	217,800 SF	5.00 ACRES	
EXISTING IMPERVIOUS	5,008 SF	2.30%	
EXISTING SEMI-IMPERVIOUS	19,790 SF	9.10%	
EXISTING PERVIOUS	193,002 SF	88.6%	
EXISTING IMP. TO BE REMOVED	666 SF		
EXISTING SEMI-IMP. TO BE REMOVED	1,664 SF		
PROPOSED PAVING/CONCRETE	69,661 SF		
PROPOSED BUILDINGS	1,200 SF		
PROPOSED SEMI-IMPERVIOUS	0 SF		
NEW + EXISTING IMPERVIOUS	75,203 SF	34.5%	
NEW + EXISTING SEMI-IMPERVIOUS	18,126 SF	8.30%	
REMAINING PERVIOUS	124,471 SF	57.1%	

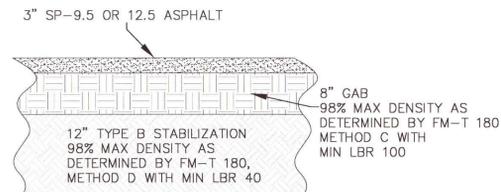


SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
STD.	30	3/4	10	10C	5	12-1/2

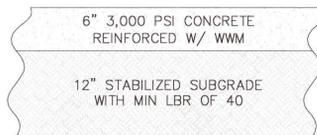
COLORS
LEGEND - WHITE (REFL)
BACKGROUND - RED (REFL)
STOP SIGN DETAIL
NTS



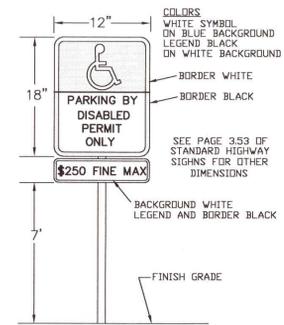
SIGN MOUNTING HEIGHT DETAIL
NTS



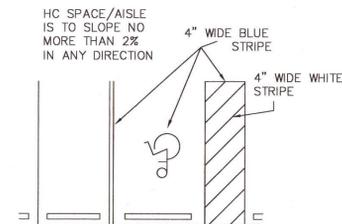
ASPHALT DETAIL
NTS



CONCRETE DETAIL
NTS



DISABLED PARKING SIGN
#G-61-BE5 W/ FINE MESSAGE
NTS



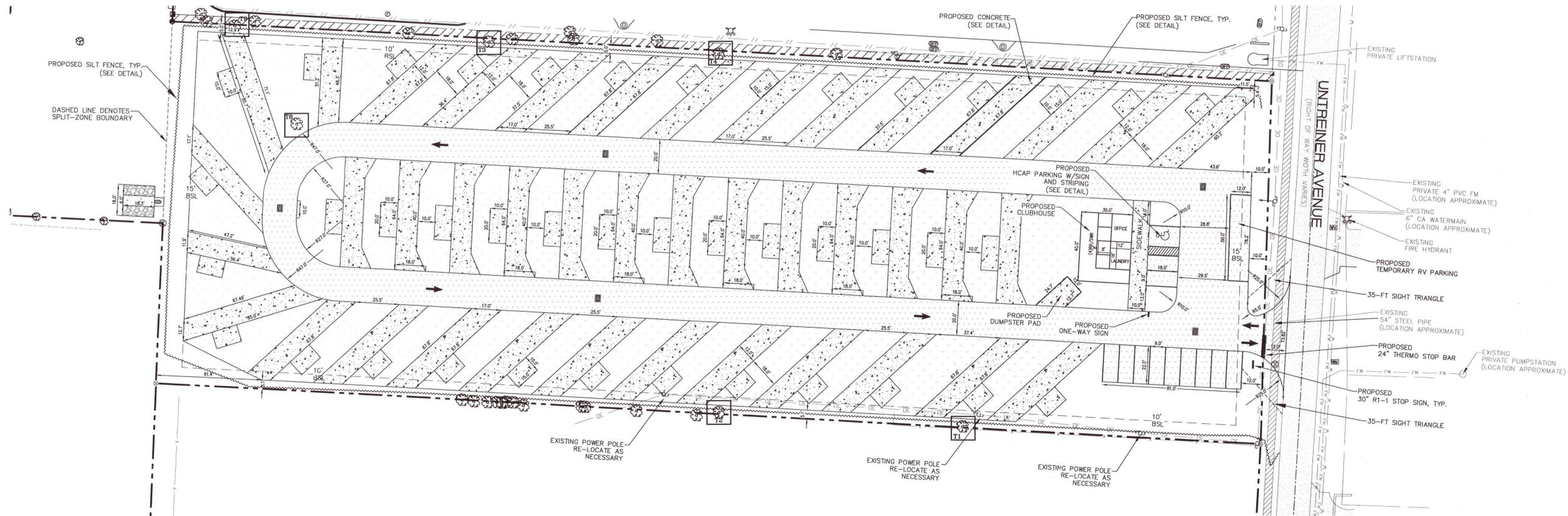
STRIPING DETAIL
NTS

NOTE: ALL TREE REMOVAL, LAND CLEARING, "LAND DISTURBANCE ACTIVITIES", PLACEMENT OF FILL MATERIALS, GRADING OF LAND, OTHER DEVELOPMENT ACTIVITIES, ETC. SHALL ONLY OCCUR AFTER ALL PROPER PERMITS &/OR APPROVALS ARE OBTAINED FROM ESCAMBIA COUNTY & ANY OTHER AGENCIES AS REQUIRED*

TREE SCHEDULE

TREE	SIZE	TYPE
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T9	24"	LIVE OAK (REMAIN)

FIRE SAFETY NOTE:
THE INTERIOR ROADWAY SHALL NOT BE OBSTRUCTED IN ANY MANNER THAT WOULD INHIBIT THE ACCESS OF THE FIRE DEPARTMENT, INCLUDING THE PARKING OF VEHICLES.



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XTREME RV PARK
SITE PLAN OVERALL

DATE	REVISION

DRAWN BY:
B. PEMENT

DESIGNED BY:
D. FITZPATRICK

PROJECT NUMBER: 20-012
PLOT DATE: 11/22/21
SHEET C3 OF C8

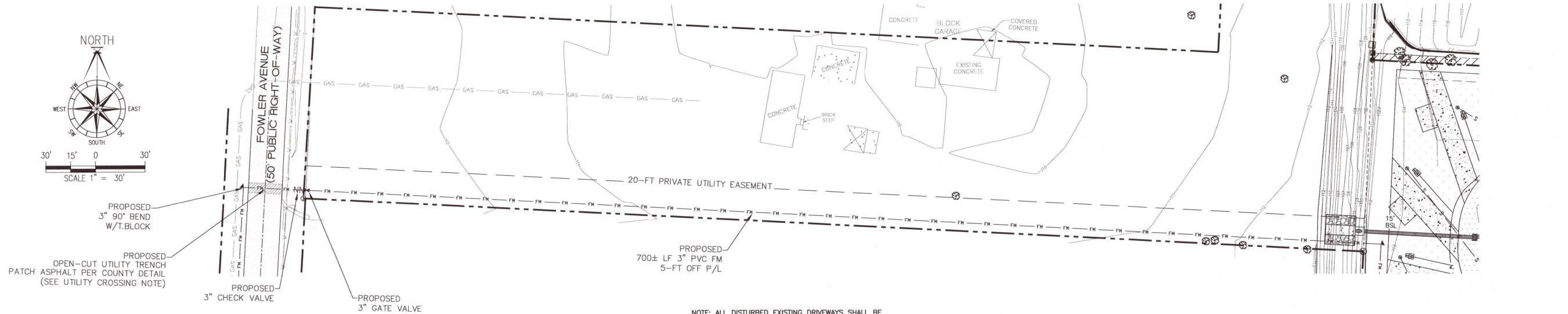
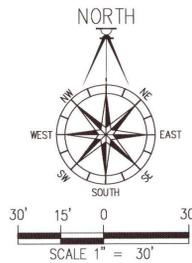
ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL

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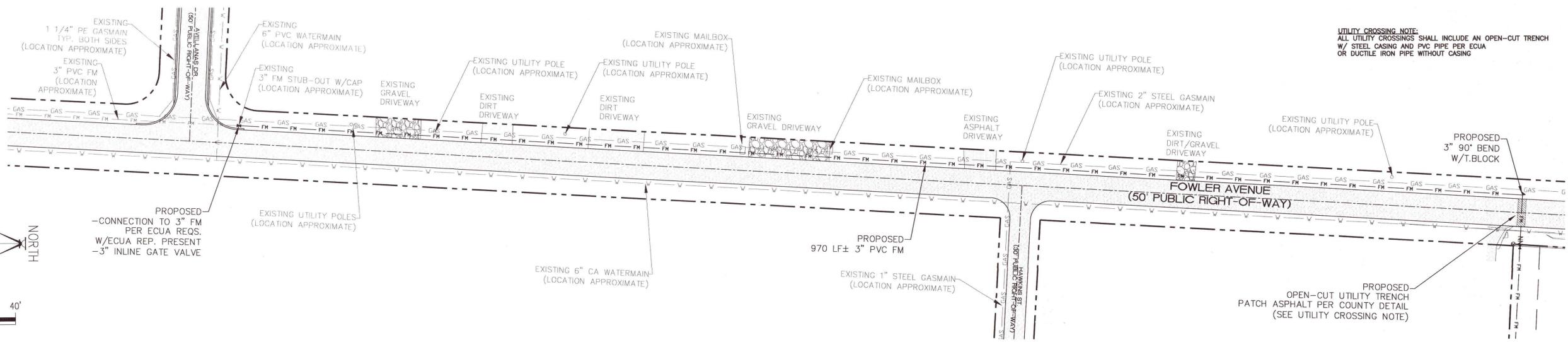
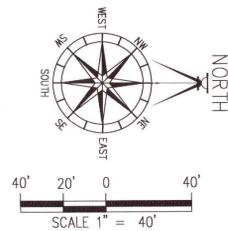
XTREME RV PARK

OFFSITE SEWER

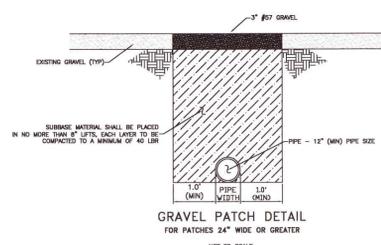
UTILITY CROSSING NOTE:
 ALL UTILITY CROSSINGS SHALL INCLUDE AN OPEN-CUT TRENCH W/ STEEL CASING AND PVC PIPE PER ECUA OR DUCTILE IRON PIPE WITHOUT CASING



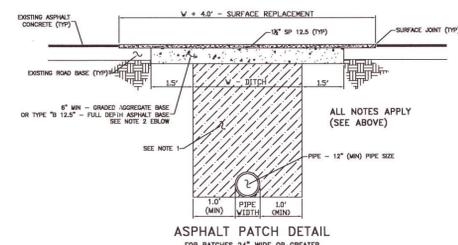
UTILITY CROSSING NOTE:
 ALL UTILITY CROSSINGS SHALL INCLUDE AN OPEN-CUT TRENCH W/ STEEL CASING AND PVC PIPE PER ECUA OR DUCTILE IRON PIPE WITHOUT CASING



1. GRAVEL DRIVEWAYS IMPACTED WILL BE RESTORED TO EXISTING OR BETTER CONDITION
2. SUB BASE MATERIAL SHALL BE PLACED IN NOT MORE THAN 4" LIFTS, EACH LAYER TO BE TAMPED TO A MINIMUM OF 40 LBS.



- NOTES:**
1. DIRT ROAD PATCH WORK SUB BASE MATERIAL SHALL BE PLACED IN NOT MORE THAN 4" LIFTS, EACH LAYER TO A MINIMUM OF 40 LBS.
 2. GRADED AGGREGATE BASE SHALL BE COMPACTED TO A MIN LBS 100.
 3. ROAD CUTS SHALL BE MECHANICALLY SAW CUT TO FORM A SURFACE PAYMENT JOINT AND TACK COATED ALONG THE FACE OF CUT JOINTS PRIOR TO ASPHALT PLACEMENT.
 4. LONGITUDINAL ROAD CUTS THAT AFFECT ONE TRAVEL LANE SHALL REQUIRE MILLING AND REPAIRING OF THE AFFECTED TRAVEL LANE 5.0' BEYOND THE CUT AND PATCHED WITH THE SAME BASE MATERIAL. LONGITUDINAL ROAD CUTS THAT AFFECT BOTH TRAVEL LANES SHALL REQUIRE MILLING AND REPAIRING OF THE ENTIRE ROADWAY 5.0' BEYOND THE CUT AND PATCHED WITH THE SAME BASE MATERIAL.



- ALL NOTES APPLY (SEE ABOVE)**

DATE	REVISION

DRAWN BY:
B. PEMENT

DESIGNED BY:
D. FITZPATRICK

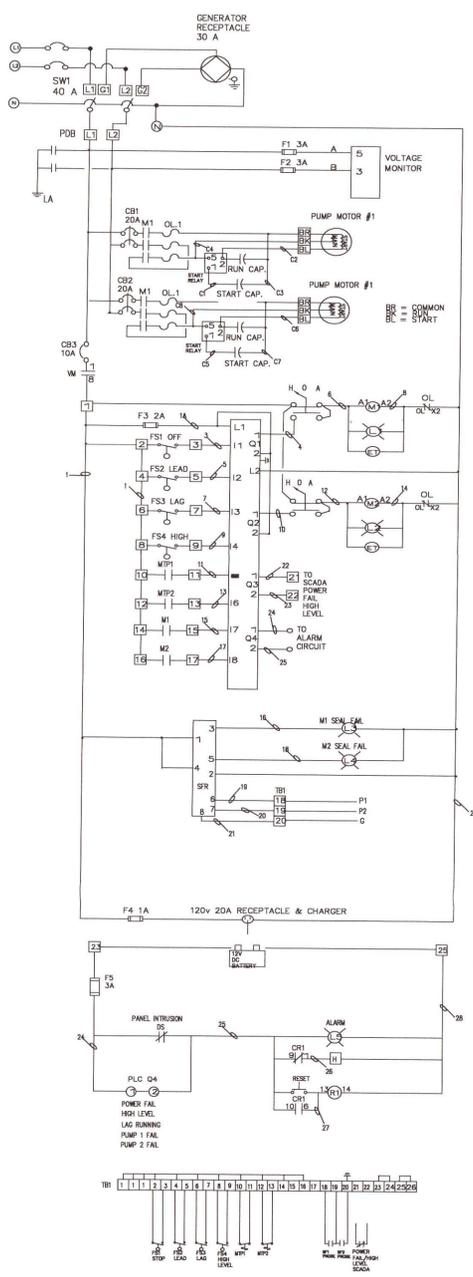
SIGNATURE & SEAL
 DAVID W. FITZPATRICK
 LICENSE NO. 11818
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 NUMBER 20012

PLOT DATE: 11/22/21
 SHEET C7 OF C8

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL.

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XTREME RV PARK
 PUMPSTATION DETAILS



LIFT STATION SPECIFICATIONS

SUBMERSIBLE GRINDER PUMP. THE PUMPS SHALL HAVE THE FOLLOWING FEATURES:
 CAST IRON MOTOR HOUSING AND VOLUTE
 HARDENED STAINLESS STEEL GRINDER COMPONENTS
 416 SERIES STAINLESS STEEL SHAFT
 MECHANICAL SEALS - SILICON CARBIDE VS SILICON CARBIDE

UPPER AND LOWER BALL BEARINGS

FASTENERS OF AISI 316 STAINLESS STEEL
 NITRILE RUBBER ELECTRIC CABLES AND "O" RINGS

1.15 MOTOR SERVICE FACTOR

GUIDE RAIL SYSTEMS SHALL CONSIST OF:
 ASTM A48, CLASS 40B CAST IRON PUMP SEALING FLANGE WITH BUNA GASKET. THE SEALING FLANGE SHALL CONNECT TO THE BASE BY A ROTATIONAL MOVEMENT THAT WILL COMPRESS THE GASKET BETWEEN THE TWO METAL TO METAL SYSTEMS, OR SYSTEMS USING ONLY A LINEAR DOWNWARD MOTION TO SEAL WILL NOT BE ACCEPTABLE.

1" STAINLESS STEEL PIPE GUIDE RAILS
 STAINLESS STEEL UPPER GUIDE RAIL BRACKETS
 STAINLESS STEEL LIFTING CHAINS WITH STAINLESS STEEL SCREW PIN SHACKLES

MERCURY FLOAT SWITCHES SHALL BE THE SUSPENDED TYPE. FLOAT AND PUMP ELECTRICAL CABLES SHALL EXTEND TO CONTROLLER TERMINALS. FIBERGLASS BASIN SHALL BE BUILT BY A MANUFACTURER REGULARLY ENGAGED IN THE BUSINESS FOR A PERIOD OF NOT LESS THAN 5 YEARS. CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH ASTM D3753-89 AND SHALL INCLUDE AN ANTI-FLOATATION FLANGE AT THE BOTTOM. CONTRACTOR SHALL APPLY CONCRETE AROUND THE TOP OF THE FLANGE WITH A WEIGHT EQUAL TO THE BUOYANCY OF THE BASIN.

THE STATION SHALL BE ASSEMBLED BY THE PUMP MANUFACTURER OR THEIR AUTHORIZED DISTRIBUTOR. THE COMPANY ASSEMBLING THE STATION SHALL HAVE A MINIMUM OF 5 YEARS EXPERIENCE BUILDING THIS TYPE OF SYSTEM. THE PUMPS SHALL HAVE ALL GUIDE RAIL COMPONENTS, INCLUDING LIFTING CHAINS MOUNTED ON THEM AND SHIPPED LOOSE FOR FIELD INSTALLATION. THE CONTROLLER FLOAT SWITCHES AND SEALING ADAPTERS FOR THE ELECTRICAL AND INCOMING PIPE SHALL BE FIELD MOUNTED. THE REMAINING PORTION OF THE NET WELL AND VALVE BOX SHALL BE DELIVERED TO THE JOB SITE ASSEMBLED, REQUIRING ONLY THE DISCHARGE PIPES AND DRAIN TO BE COUPLED TOGETHER.

PUMP CONTROLLER TO MEET LOCAL BUILDING CODES, D.E.P. STANDARDS AND BE UL LISTED. DUPLEX CONTROLLER SHALL BE IN A NEMA 4X FIBERGLASS ENCLOSURE WITH DEAD FRONT. CONTROLLER SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING COMPONENTS:

- 1 - MAIN POWER BREAKER
- 2 - POWER CIRCUIT BREAKER
- 1 - CONTROL CIRCUIT BREAKER
- 2 - MAGNETIC STARTERS WITH OL PROTECTION
- 2 - HOA SELECTOR SWITCHES*
- 1 - LIGHTING ARRESTER
- 1 - VOLTAGE MONITOR
- 2 - PUMP RUN LIGHTS*
- 2 - ELAPSED TIME METERS**
- 1 - FLASHING HIGH WATER ALARM LIGHT**
- 1 - ALARM HORN/BUZZER**
- 1 - SILENCE BUTTON**
- 1 - ALARM TEST SWITCH**

1 - 115v GFI convenience receptacle
 1 - GENERATOR RECEPTACLE FOR AUXILIARY POWER
 1 - EMERGENCY TRANSFER SWITCH TO MOVE FROM UTILITY POWER TO STANDBY GENERATOR POWER*

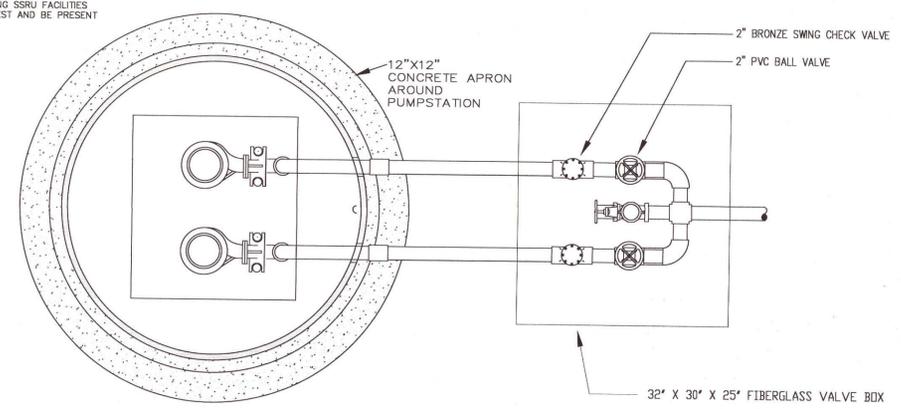
1 - 12 VOLT BATTERY BACKUP SYSTEM WITH CHARGER
 1 - POWER FAILURE ALARM AND UNAUTHORIZED ENTRY ALARM

* - MOUNTED ON OR THROUGH INNER DOOR
 ** - MOUNTED ON OUTSIDE OF ENCLOSURE

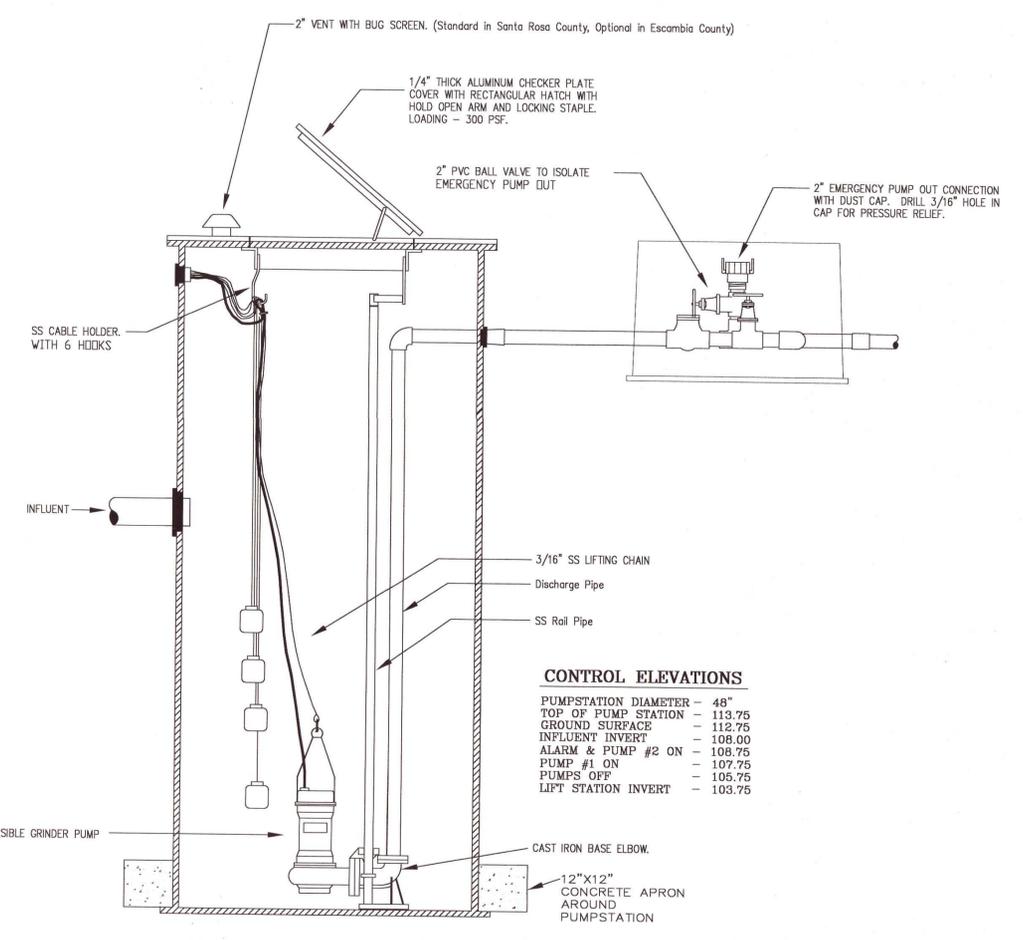
GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK. IF UNFORESEEN OBSTRUCTIONS ARE DISCOVERED CONTACT THE ENGINEER IMMEDIATELY.
2. CONTRACTOR SHOULD VISIT THE SITE AND FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS, INCLUDING ELECTRICAL WORK THAT MAY BE REQUIRED.
3. ALL DISTURBED AREAS ARE TO BE RESTORED TO PRE-EXISTING CONDITIONS OR BETTER TO INCLUDE BUT NOT LIMITED TO SODDING, SEED AND MULCH, CONCRETE, OR ASPHALT PATCHING. THE CONTRACTOR IS ADVISED TO TAKE PICTURES AND/OR VIDEO TAPS THE RIGHT OF WAY PRIOR TO COMMENCING WORK.
4. SEPTIC TANK ABATEMENT PERMITS ARE REQUIRED.
5. PLUMBING PERMITS ARE REQUIRED.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL PERMITS REQUIRED.
7. ALL WORK IS TO BE IN ACCORDANCE WITH THESE SPECIFICATIONS AND THE FLORIDA BUILDING/PLUMBING CODE AND THE LATEST SSRU SPECIFICATIONS AND FDEP REQUIREMENTS.
8. ASBUILT PLANS SHALL BE KEPT UP TO DATE AT ALL TIMES.
9. CONTRACTOR SHALL CONTACT ECUA AT LEAST 2 WORKING DAYS PRIOR TO ANY WORK WITH COUNTY RIGHT OF WAY AND 2 WORKING DAYS PRIOR TO CONNECTION OF PROPOSED FORCEMAIN TO EXISTING SSRU FORCEMAIN. INSPECTOR SHALL BE PRESENT FOR ALL TAPS & TIE INS.
10. FORCEMAIN SHALL BE PRESSURE TESTED PER AWWA C-605 PRIOR TO CONNECTION OF PROPOSED FACILITIES TO EXISTING SSRU FACILITIES. SSRU PERSONNEL SHALL INSPECT THE PRESSURE TEST AND BE PRESENT FOR ALL TAPS.

EXISTING UTILITY NOTE:
 CONTRACTOR IS CAUTIONED THAT THERE ARE OTHER EXISTING BURIED UTILITIES IN THE AREA OF CONSTRUCTION. NO UNDERGROUND UTILITY LOCATION WORK HAS BEEN PERFORMED



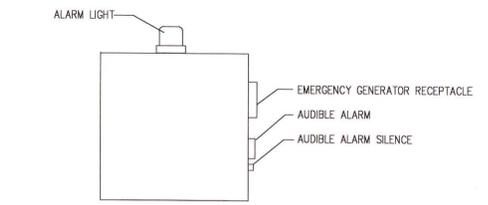
LIFT STATION PLAN



CONTROL ELEVATIONS

PUMPSTATION DIAMETER	- 48"
TOP OF PUMP STATION	- 113.75
GROUND SURFACE	- 112.75
INFLUENT INVERT	- 108.00
ALARM & PUMP #2 ON	- 108.75
PUMP #1 ON	- 107.75
PUMPS OFF	- 105.75
LIFT STATION INVERT	- 103.75

LIFT STATION SECTION



CONTROLLER DETAIL

DATE	
REVISION	
NUMBER	
DRAWN BY:	B. PEIMENT
DESIGNED BY:	D. FITZPATRICK
PROJECT:	XTREME RV PARK
PRODUCT NUMBER:	20-012
PLOT DATE:	11/22/21
SHEET:	C8 OF C8

