

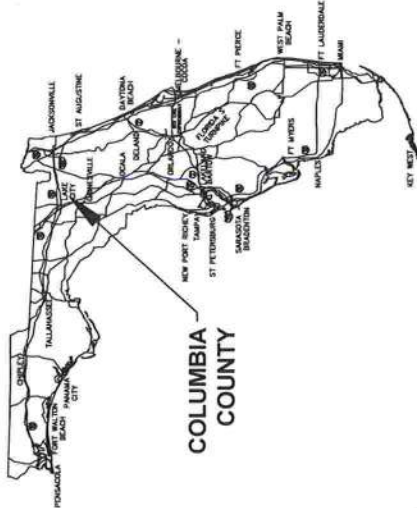
NO.	DATE	DESCRIPTION
1		REVISION HISTORY
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PROJECT NO.	0010
SHEET NO.	0010
DATE	
DESIGNED BY	
DRAWN BY	
CHECKED BY	
APPROVED BY	

**CONSTRUCTION PLANS
FOR
CAMBRIDGE PREP ACADEMY**

VICINITY MAP

COLUMBIA COUNTY, FL
SECTION 07, TOWNSHIP 4S, RANGE 17E

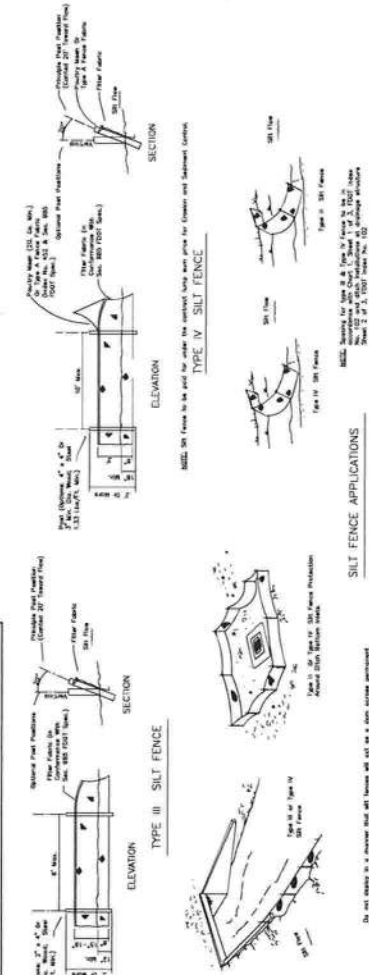
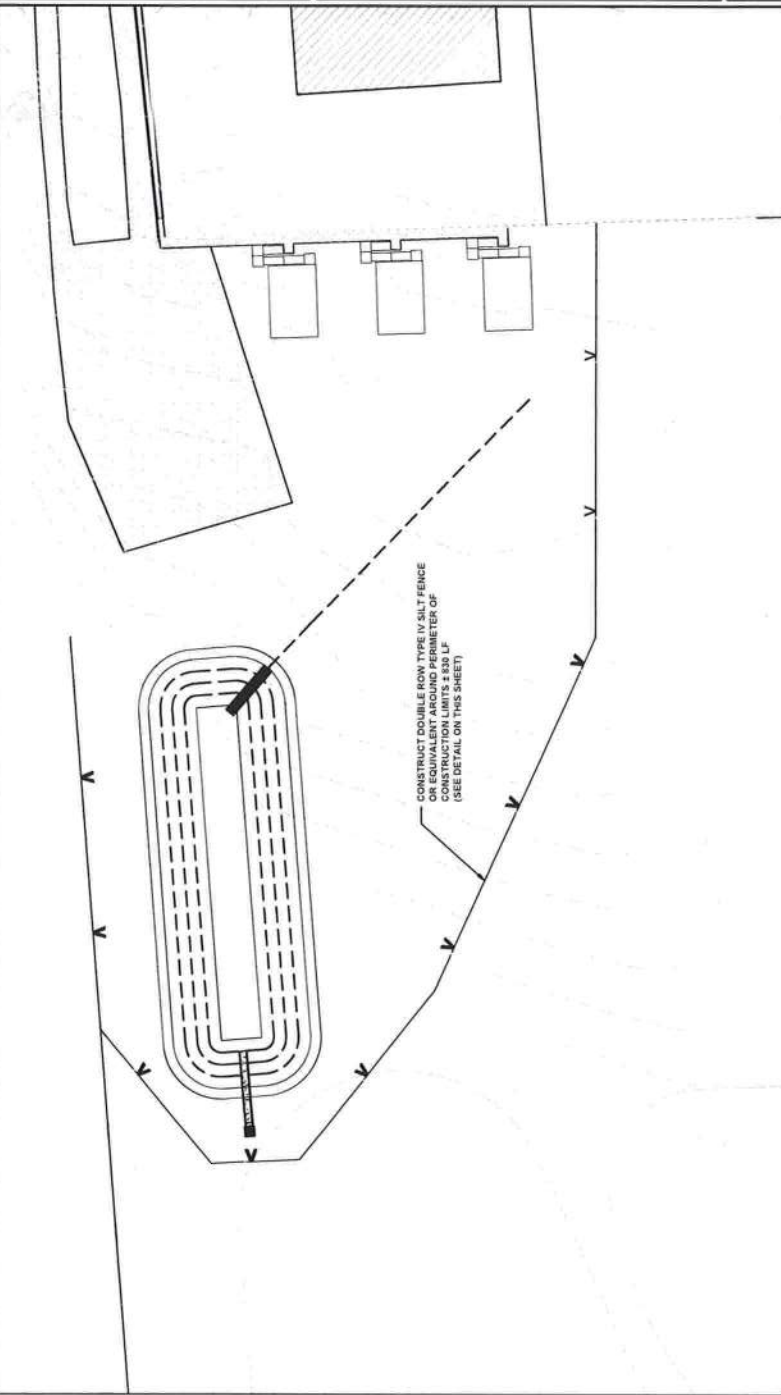


PLANS PREPARED FOR:
CAMBRIDGE PREP ACADEMY
2658 SW MAIN BLVD
LAKE CITY, FL, 32025
(386) 365-0837
JACKIEBRITT@MSN.COM

Sheet Number	Sheet Title
G010	COVER SHEET
C010	GENERAL NOTES
C020	EROSION CONTROL PLAN
C030	EXISTING CONDITIONS
C040	OVERALL DEVELOPMENT PLAN
C100	GEOMETRIC PLAN
C200	PAVING, GRADING & DRAINAGE PLAN
C201	PAVING, GRADING & DRAINAGE DETAILS
C300	STORMWATER MANAGEMENT PLAN
C400	UTILITY PLANS
C401	UTILITY DETAILS
C402	PIPE RESTRAINT SCHEDULE
C403	GRINDER PUMP LIFT STATION
C500	FDOT DRIVEWAY CONNECTION
C600	LIFE SAFETY PLAN

PROJECT LOCATION

PERMIT DOCUMENTS
NOT FOR CONSTRUCTION



NOTE: Spacing for type II & Type IV fence to be in accordance with Chap. 1, Sheet 1 of A. FDOT Index No. 102 and shall include all drainage structure. Sheet 2 of A. FDOT Index No. 102.

SILT FENCE APPLICATIONS

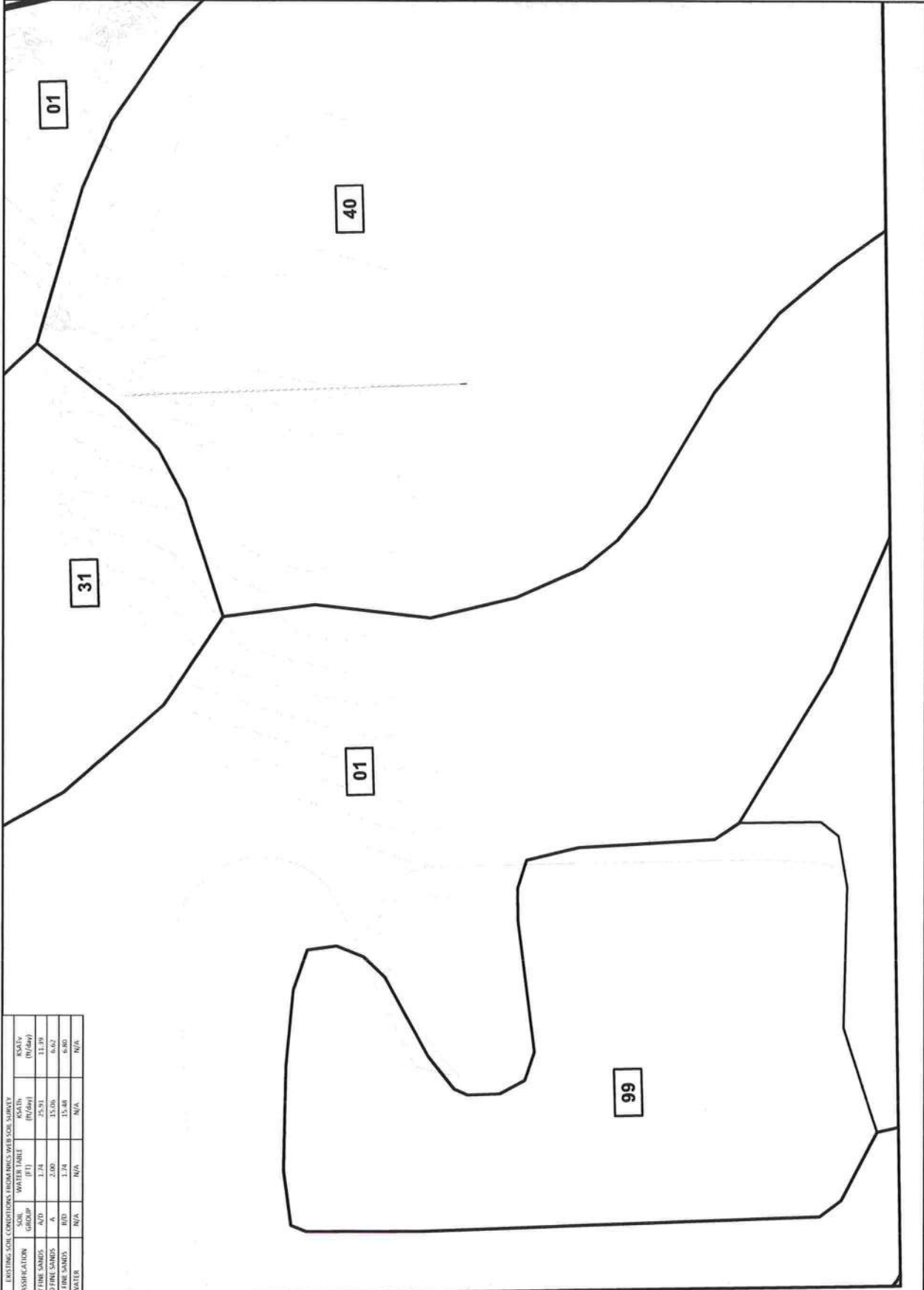
SILT FENCE TYPE III & IV

(0-508)
N.T.S.

EROSION CONTROL NOTES

1. THIS EROSION AND SEDIMENTATION CONTROL PLAN COMPLIES WITH THE REQUIREMENTS OF THE "FLORIDA EROSION AND SEDIMENT CONTROL ACT" AND THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL".
2. THE CONTRACTOR SHALL ADHERE TO COLUMBIA COUNTY, FLORIDA AND OTHER GOVERNING AGENCIES' EROSION AND SEDIMENTATION CONTROL REGULATIONS. IF THE CONTRACTOR NEEDS TO OBTAIN ANY ADDITIONAL PERMITS OR APPROVALS FROM ANY AGENCIES, THE CONTRACTOR SHALL OBTAIN THEM PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN THE EROSION AND SEDIMENT CONTROL PLAN WITH BMPs FROM THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL".
3. THE CONTRACTOR SHALL ADJUST AND REVISE THIS PLAN TO MEET ACTUAL FIELD CONDITIONS. ANY REVISIONS SHALL BE APPROVED BY THE DRAWING AGENTS.
4. SEDIMENT AND EROSION CONTROL FACILITIES, STORM DRAINAGE FACILITIES AND DETENTION BASINS SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
5. EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL EVENT AND REPAIRED AS NECESSARY.
6. SEDIMENT AND EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE AND UNTIL A PERMANENT GROUND COVER HAS BEEN ESTABLISHED TO PROTECT THE EROSION CONTROL MEASURES.
7. ALL OPEN DRAINAGE CHANNELS SHALL BE GRASSSED AND RIPRAP SHALL BE PLACED AS REQUIRED TO CONTROL EROSION.
8. SALT FENCES SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT AND EROSION FROM LEAVING PROJECT LIMITS.
9. CONTRACTOR SHALL PLACE A DOUBLE ROW OF SALT FENCE IN AREAS WHERE RUNOFF FROM DISTURBED AREAS MAY ENTER NEIGHBORS.
10. DURING CONSTRUCTION AND AFTER CONSTRUCTION IS COMPLETE, ALL STRUCTURES SHALL BE CLEARED OF ALL DEBRIS AND EXCESS SEDIMENT.
11. ALL GRADED AREAS SHALL BE STABILIZED IMMEDIATELY WITH A TEMPORARY FAST-GROWING COVER ANNUAL MULCH.
12. A PAD OF RUBBLE RIP RAP SHALL BE PLACED AT THE BOTTOM OF ALL COLLECTION FLUMES OR DRAINAGE STRUCTURES. A MINIMUM OF 100 LBS PER LINEAL FOOT OF RIPRAP IS REQUIRED. NO BROKEN CONCRETE SHALL BE ACCEPTED.
13. ALL SIDE SLOPES STEEPER THAN 3:1 SHALL BE ADEQUATELY PROTECTED FROM EROSION THROUGHOUT THE LIFE OF THE SALT FENCE OR SLOPE.
14. ALL STABILIZATION PRACTICES SHALL BE INITIATED AS SOON AS PRACTICABLE IN AREAS OF DISTURBED AREAS. THE CONTRACTOR SHALL MAINTAIN ADEQUATELY PROTECTED AREAS FOR AT LEAST 180 DAYS.
15. ALL WASTE GENERATED ON THE PROJECT SHALL BE DISPOSED OF BY THE CONTRACTOR IN AN APPROPRIATE MANNER.
16. LOADED HAUL TRUCKS SHALL BE COVERED WITH TAPPS.
17. EXCESS DIRT SHALL BE REMOVED DAILY.
18. QUALIFIED PERSONNEL SHALL INSPECT THE AREA USED FOR STORAGE OF STOCKPILES, THE SALT FENCE AND STRAIN BARS, THE LOCATION WHERE VEHICLES STOP ON EXIT THE SITE, AND THE LOCATION OF THE SALT FENCE AND WITHIN 100 FEET OF THE SALT FENCE AND WITHIN 100 FEET OF THE END OF A STORM OF 0.3 INCHES OR GREATER.
19. STATES THAT SHALL BE REMOVED IMMEDIATELY WITHIN 100 FEET OF THE SALT FENCE AND WITHIN 100 FEET OF THE END OF A STORM OF 0.3 INCHES OR GREATER.

EXISTING SOIL CONDITIONS FROM ARCS WEB SOIL SURVEY					
BORING ID	SOIL CLASSIFICATION	SOIL GROUP	WATER TABLE (ft)	KSAT _v (ft/day)	KSAT _h (ft/day)
1	ARIDITY FINE SANDS	A/D	1.74	25.91	11.39
31	LEVEE FINE SANDS	A	2.00	15.06	6.62
40	OCILLA FINE SANDS	H/D	1.74	15.48	6.60
99	WATER	N/A	N/A	N/A	N/A



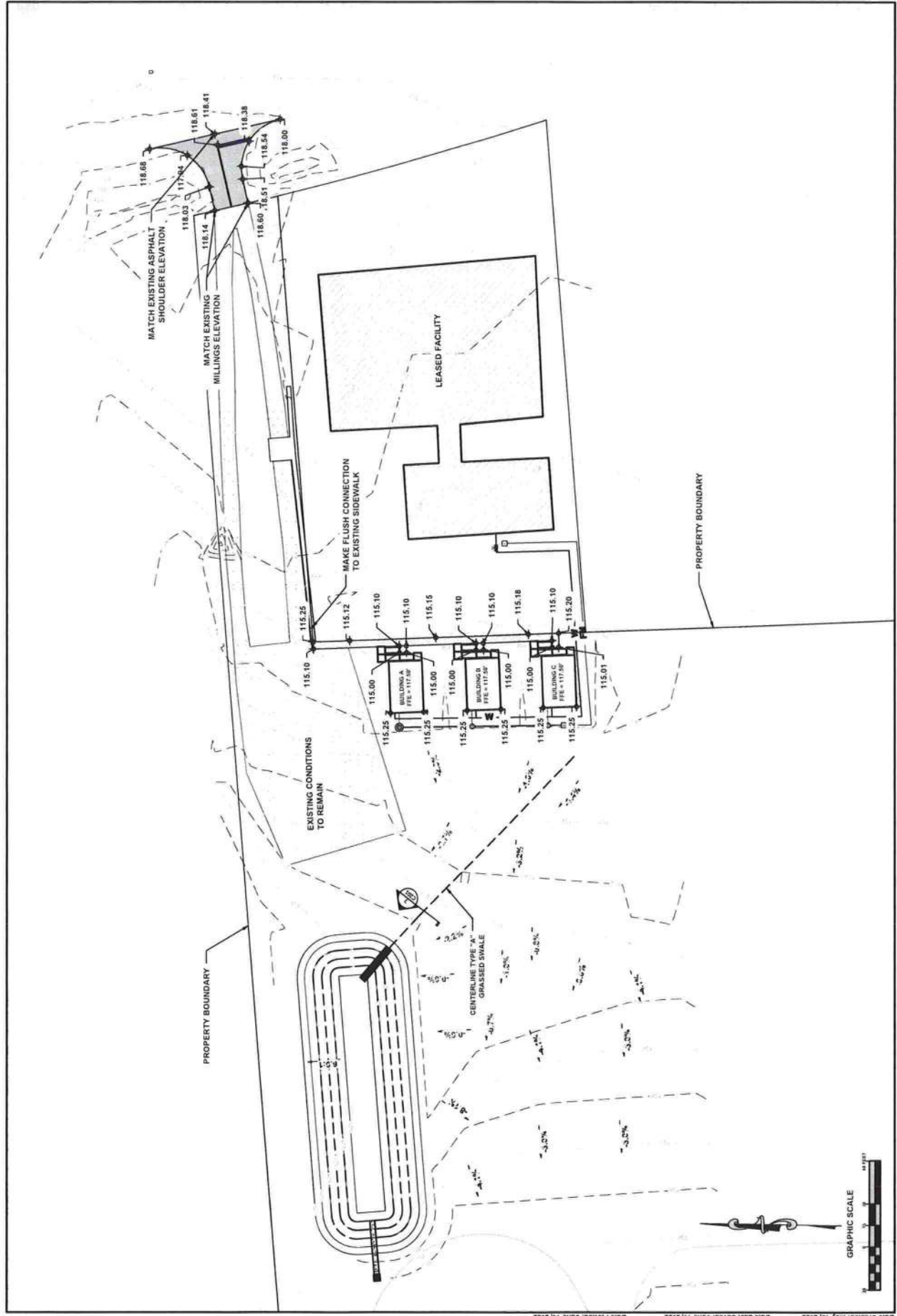
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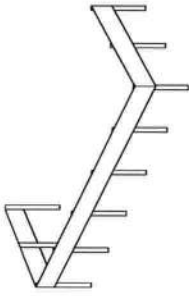
SHEET TOTAL	
DATE	06/14/2023
BY	JONES
CHECKED BY	JONES
DESIGNED BY	JONES
PROJECT NO.	220426CPA
SHEET NO.	0030



NO.	DATE	DESCRIPTION
1		REVISION HISTORY
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START DATE	
DESIGNED BY	U
CHECKED BY	U
DATE	
PROJECT NO.	2023-001
SHEET NO.	C200
DATE	6/14/2023





ENVIRO-FPM POST MOUNTED SKIMMER

DESCRIPTION:
SIDE WING LENGTH (SWL) x FRONT WIDTH (FW) x BLADE HEIGHT (BH) @ ANGLE DEGREE x BLADE HEIGHT (BH)

EXAMPLE: FPM 24 X75 X24 @ 90° x 25 HDBH

STRUCTURAL POST:
FIBRE POST - 2 1/2" SQ. x 14" WALL x LENGTH
FIBRE POST - 3" SQ. x 14" WALL x LENGTH
ALUMINUM POST - 2 1/2" SQ. x 14" WALL x LENGTH
ALUMINUM POST - 3" RND. x 18" WALL x LENGTH
GALV. STEEL POST - 2" RND. x SCH 40 x LENGTH

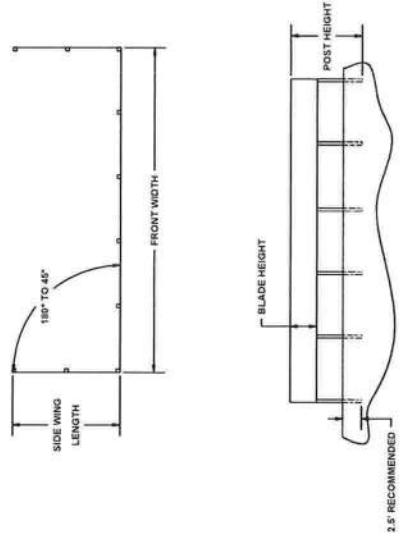
OTHER POST AVAILABLE BASED ON ENGINEERS STRENGTH REQUIREMENTS

MATERIAL:
ENVIRO-FPM SKIMMER STRUCTURAL FPM AS SUPPLIED BY ENVIRONMENTAL COMPOSITES INC. TAVARES, FL 32718 PHONE: 352-342-3449

1/4" OS 1/4" THK BASED ON ENGINEERS PERFORMANCE REQUIREMENTS. SEE INFORMATION SEE MATERIAL SPEC SHEET

COLOR:
DISAPPEARING GREEN

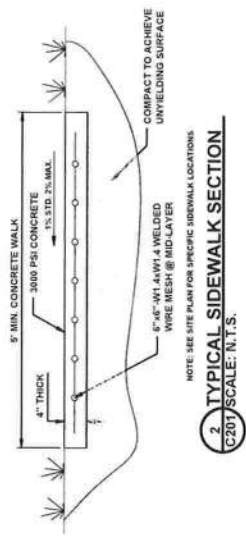
INSTALLATION HARDWARE:
5/16" - 18 SS HEX HEAD BOLTS W/ NYLOCK NUTS



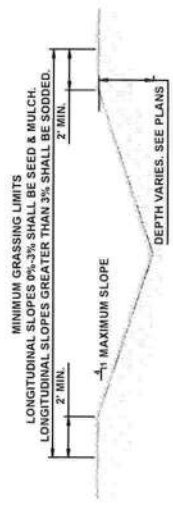
DESIGN NOTES:

1. ON SKIMMER EXTENDS FROM SIX INCHES BELOW WEIR INVERT TO TOP OF SKIMMER STRUCTURE. THE SKIMMER SHALL BE THE SAME AS THE SKIMMER USED FOR THE SKIMMER.
2. THE WIDTH OF THE FRONT PANEL SHALL BE THE SAME AS THE SKIMMER.
3. THE LOCATION OF THE REINFORCING STEEL IN THE SPILLWAY SHALL BE THE SAME AS THE SKIMMER.

1. FREE STANDING POSTMOUNT ENVIRO GLASKIMMER DETAIL
C201 SCALE: N.T.S.



2. TYPICAL SIDEWALK SECTION
C201 SCALE: N.T.S.



3. TYPE "A" GRASSED SWALE
C201 SCALE: N.T.S.

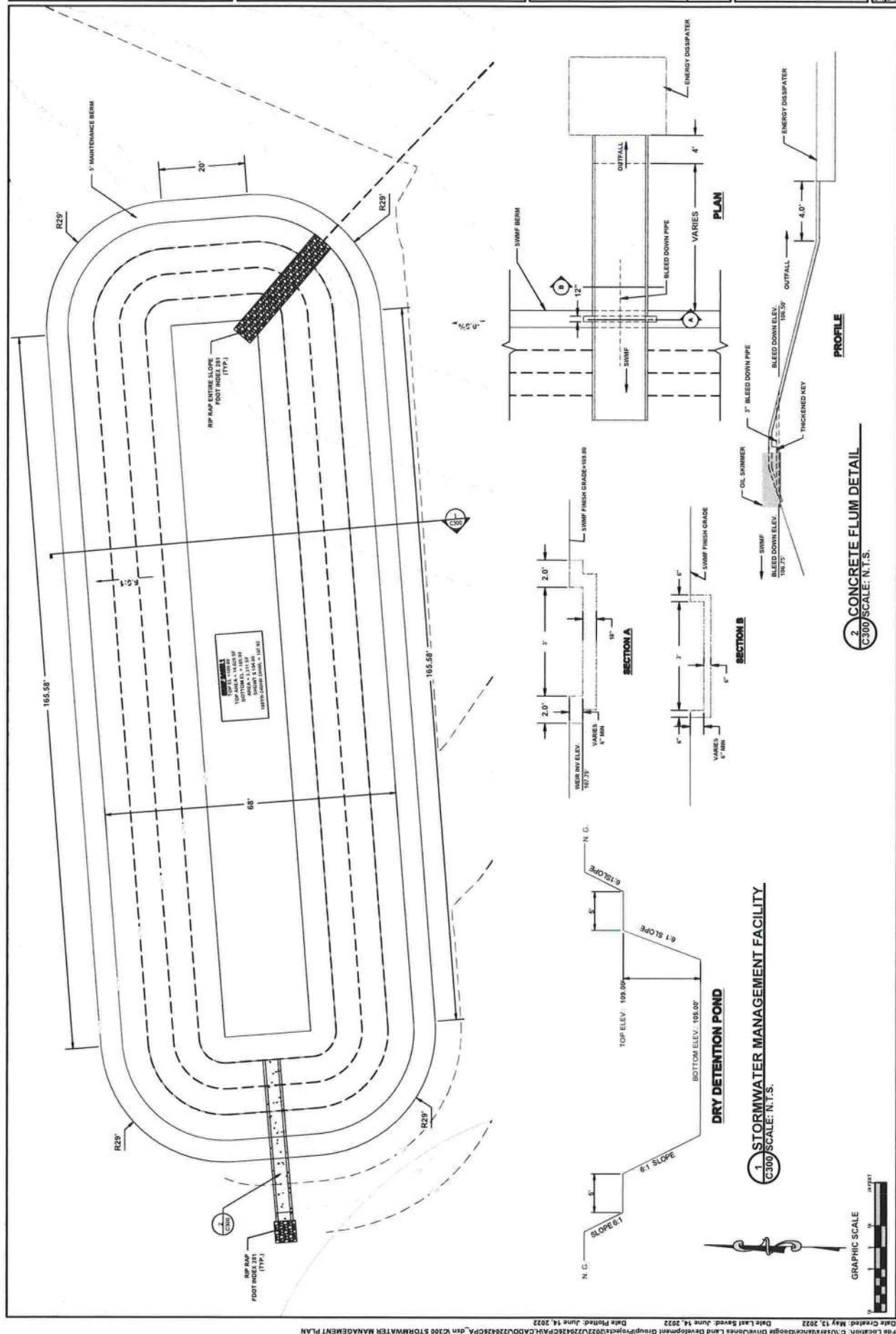
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				LOCATION
				INVESTIGATION

PROJECT NO. 332948-GPA
DATE 04/20/03

SHEET NO. C300

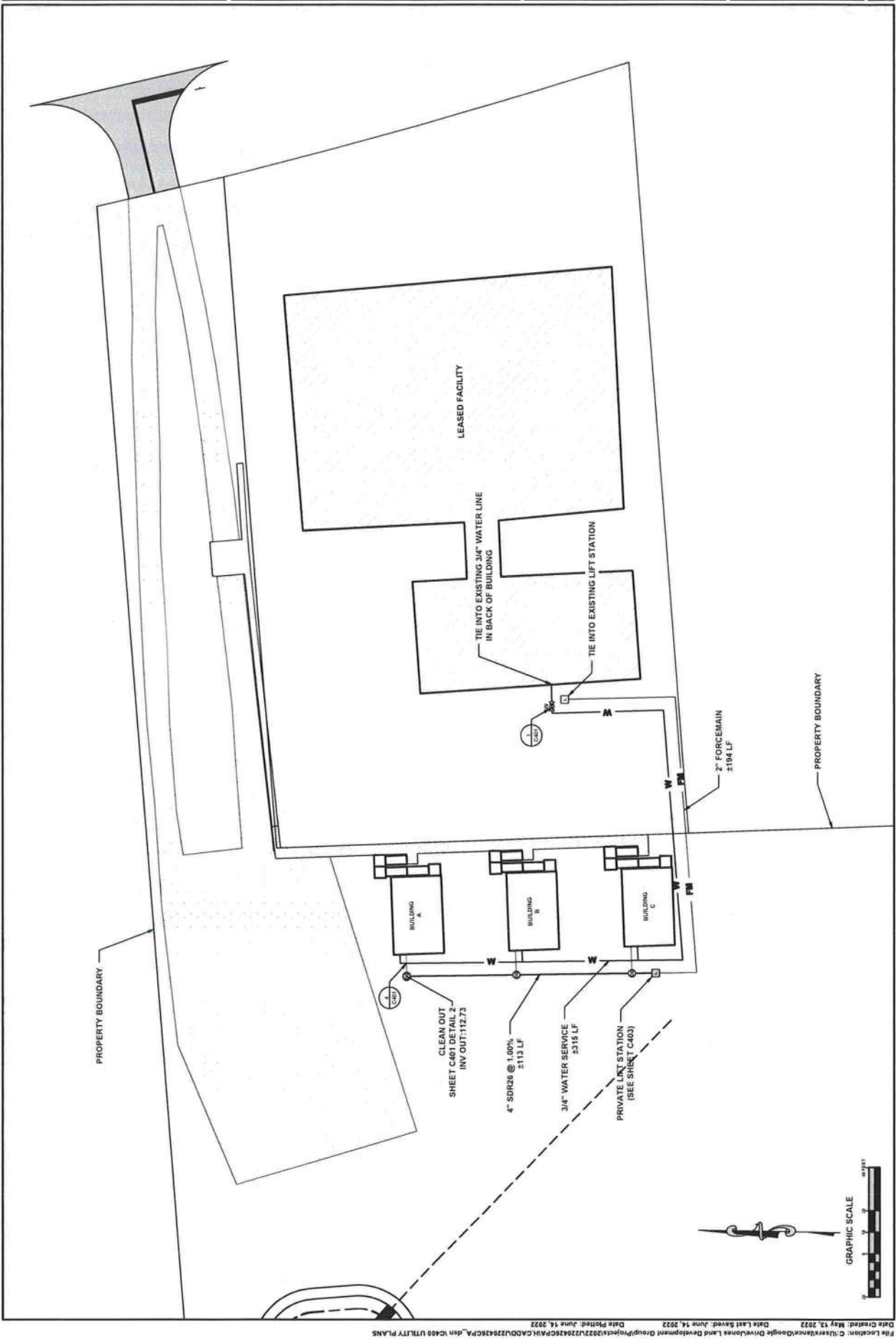
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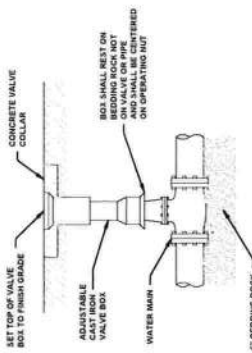
CHRISTOPHER L. JOHNS
P&M 04/17



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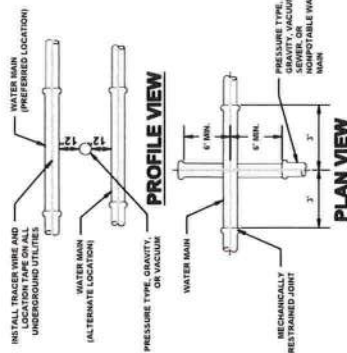
PROJECT NO.	2022-001
PROJECT NAME	CAMBRIDGE PREP ACADEMY
DATE	10/10/2022
SHEET NO.	C400
SCALE	AS SHOWN
DESIGNED BY	CHAD LAMCE
CHECKED BY	
DATE	
NO.	
DATE	
DESCRIPTION	
BY	
CHKD	



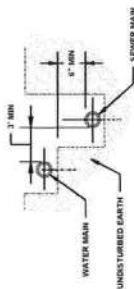


- NOTES:
1. PVC EXTENSIONS SHALL NOT BE USED ON VALVE BOX INSTALLATION.
 2. THE ACTUATING NUT FOR DEEPER VALVES SHALL BE EXTENDED TO COME UP TO 4 FOOT DEPTH BELOW FINISHED GRADE.

1 VALVE & BOX DETAIL
C401/SCALE: N.T.S.

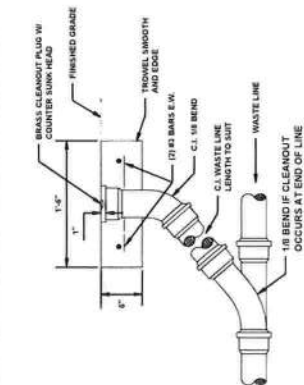


5 WATER/SEWER SEPARATION DETAIL
C401/SCALE: N.T.S.

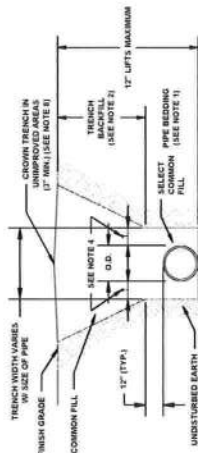


- NOTES:
1. THE MINIMUM HORIZONTAL DISTANCE BETWEEN THE OUTSIDE OF A WATER MAIN AND SEWER MAIN SHALL BE 6' WITH A PREFERRED 1' SEPARATION BETWEEN A WATER MAIN AND A SEWER MAIN OR NON-POTABLE WATER MAIN. WHEN THE WATER MAIN SHALL BE Laid IN A SEPARATE TRENCH OR ON AN UNDISTURBED GRADE SHELF AT LEAST 8" ABOVE THE TOP OF THE EXISTING WATER MAIN, THE HORIZONTAL SEPARATION SHALL BE NO LESS THAN 7'.
 2. WHEN A SEWER MAIN AND A WATER MAIN CROSS, THE WATERMAIN SHOULD BE A MINIMUM 12" ABOVE OR BELOW THE SEWER MAIN. IT SHALL BE ASSURED SO THAT ALL PIPE JOINTS ARE EQUIVALENT FROM THE POINT OF CROSSING WITH NO LESS THAN SIX FEET BETWEEN ANY TWO JOINTS.
 3. WHEN A WATER MAIN AND A SEWER MAIN CROSS, THE 12" MINIMUM CANNOT BE ACHIEVED THE WATERMAIN CAN BE ENCASED IN 4" OF CONCRESE

SECTION VIEW

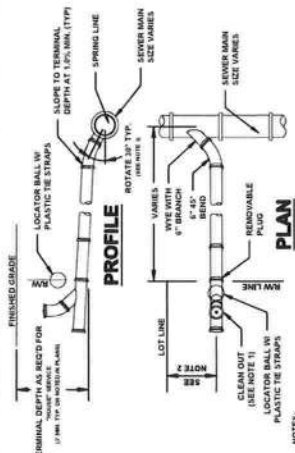


2 CLEAN OUT DETAIL
C401 SCALE: N.T.S.



- NOTES:
1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER ASTM D 1557.
 2. TRENCH MATERIAL: COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER ASTM D 1557.
 3. SLOPE PROTECTION: UTILIZING SELECT COMMON FILL AND BEDDING ROCK SHALL BE REQUIRED FOR PIPE-TO-CAVATION OCCURS.
 4. 17.5" MAX. FOR PIPE DIAMETER LESS THAN 14", AND 24" MAX. FOR PIPE DIAMETER 14" AND OVER.
 5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
 6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
 7. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES. FINAL RESTORATION WITHIN AREAS SHALL BE IN COMPLIANCE WITH THE DESIGN REQUIREMENTS OF THE AFFECTED AREAS.

6 TRENCH & BACKFILL DETAIL

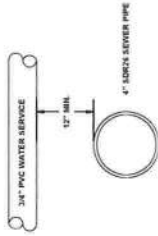


- PLASTIC TIE STRAPS  **PLAN**

NOTES:

 1. CLEAN-OUT (SHOWN LIGHTER) SHALL BE INSTALLED BY THE BUILDER IN ACCORDANCE WITH STANDARD PLUMBING CODE.
 2. LOCATE NUMBERED BALLS AS CLOSE TO LOT LINE AS POSSIBLE. 3/4" MAXIMUM.
 3. LOCATE NUMBERED BALLS IN LATERALS SHALL NOT EXCEED SEVEN INCH SPACING LINE.
 4. CONTRACTOR SHALL PROVIDE LOCATOR BALLS. PLASTIC TIE STRAPS, LOCATOR BALLS SHALL BE SECURED TO LATERAL - WITH ACTIVE STRAPS.

3 SANITARY SEWER SERVICE LATERAL
C401/SCALE: N.T.S.



- NOTES:
1. ADJUST POTABLE WATER LINE TO CROSS ABOVE SANITARY
SEWER PIPE AND FORCEMAIN.

4 PIPE CONFLICT DETAIL
C401 SCALE: N.T.S.

LENGTH (L) TO BE RESTRAINED

NOMINAL PIPE SIZE (IN.)	HORIZONTAL BENDS				VERTICAL OFFSETS (SEE NOTE 4)		VALVES OR DEAD-ENDS L (FT.)
	90° BENDS L (FT.)	45° BENDS L (FT.)	22.5° BENDS L (FT.)	11.25° BENDS L (FT.)	45° BENDS LU (FT.)	LU (FT.)	
4	20	8	4	2	20	3	50
6	28	10	5	2	28	4	70
8	36	14	6	3	36	5	90
10	40	16	8	4	45	6	110
12	50	20	9	4	52	8	120
14	56	23	10	5	60	9	140
16	60	26	11	6	67	10	160
18	69	29	12	6	74	12	180
20	75	32	13	7	80	13	195
24	76	33	15	7	81	14	200
30	88	36	18	9	97	16	235
36	100	40	20	10	110	20	270
42	115	46	23	11	125	24	300
48	125	52	25	12	140	30	340

PVC PIPE RESTRAINT NOTES:

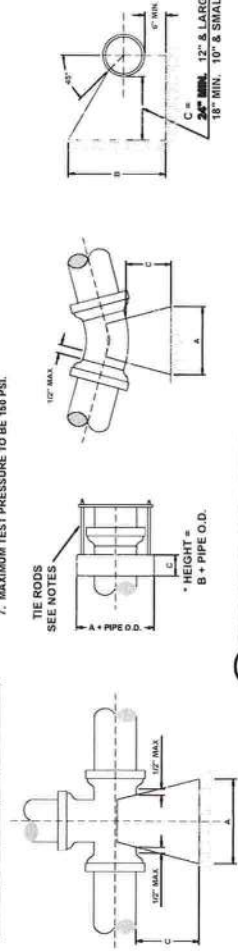
- THIS SCHEDULE SHALL BE UTILIZED ON ALL WATER, SEWER FORCE MAIN OR RECLAIMED WATER SYSTEMS. ALL FITTINGS SHALL BE RESTRAINED TO LENGTHS INDICATED ON THE ABOVE SCHEDULE. AT A MINIMUM, UNLESS OTHERWISE INDICATED, ALL REQUIRED RESTRAINTS SHALL BE INCLUDED IN PRICE OF FITTING, VALVE OR PIPE.
- ASSUMPTIONS: PVC PIPE, SAFETY FACTOR = 1.5, TEST PRESSURE = 160 PSI, SOIL = GM OR SMA, TRENCH TYPE 3, DEPTH OF COVER = 36 INCHES FOR 30" AND SMALLER PIPE SIZE OR 36 INCHES FOR 34" AND LARGER PIPE SIZE.
- BENDS AND VALVES: SHALL BE RESTRAINED ON EACH SIDE OF FITTING.
- VERTICAL OFFSETS: ARE APPROX. 3 FEET COVER ON TOP AND APPROX. 4 FEET COVER ON BOTTOM PER THE DETAILS. L IS THE RESTRAINED LENGTH FOR THE UPPER (TOP) LEVEL. L1 IS THE RESTRAINED LENGTH FOR THE LOWER (DEEPER) LEVEL. ASSUME 45 DEGREE BENDS.
- TEES: TOTAL LENGTH BETWEEN FIRST JOINTS OR RESTRAINED LENGTH ON EITHER SIDE OF THE RUN SHALL BE A TOTAL DISTANCE OF 30 FEET (MIN). SEE SCHEDULE ABOVE FOR RESTRAINT LENGTH ON TEE. BRANCH OFF.
- HOPE TO PVC TRANSITION: THE PVC PIPE SIDE SHALL BE RESTRAINED 35 FT (MIN).
- THE INSTALLATION OF BELL HARNESS RESTRAINTS AT PVC JOINTS (DR-18 & 25 PIPE) SHALL BE COMPLETED PER THE MANUFACTURERS RECOMMENDATION, WHICH INCLUDES NOT OVER TIGHTENING THE PARALLEL RODS/NUTS. THESE NUTS SHOULD BE INSTALLED AFTER THE RESTRAINT IS INSTALLED. OVERSIGHTING THE JOINT MAY CAUSE A FAILURE AT THE BELL RESULTING IN A SERVICE OUTAGE.

THRUST BLOCK FOR BENDS

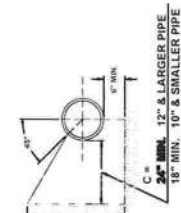
SIZE	90° BEND			45° BEND			22 1/2° BEND			11 1/4° BEND			SQ. FT. BEARING SURFACE		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
4"	16"	16"	18"	14"	16"	18"	14"	16"	18"	14"	16"	18"	14"	16"	18"
6"	22"	32"	18"	16"	18"	18"	14"	16"	18"	14"	16"	18"	14"	16"	18"
8"	32"	36"	18"	24"	28"	18"	16"	18"	18"	14"	16"	18"	14"	16"	18"
10"	36"	46"	18"	26"	36"	18"	16"	18"	18"	14"	16"	18"	14"	16"	18"
12"	44"	56"	24"	32"	40"	24"	20"	24"	18"	16"	20"	24"	16"	20"	24"
14"	52"	62"	24"	38"	48"	24"	24"	30"	24"	18"	20"	24"	16"	20"	24"
16"	58"	72"	24"	40"	54"	24"	24"	32"	24"	22"	26"	24"	18"	20"	24"
18"	64"	80"	24"	46"	60"	24"	24"	36"	24"	24"	32"	24"	24"	32"	24"
20"	72"	88"	24"	52"	66"	24"	24"	38"	24"	24"	36"	24"	24"	36"	24"
24"	96"	96"	24"	63.78	64"	78"	24"	34.67	46"	56"	32"	40"	24"	8.89	24"
30"	122"	102"	24"	86.11	72"	94"	24"	47.00	56"	62"	36"	48"	24"	12.00	24"
36"	168"	104"	24"	123.33	88"	108	24"	66.00	64"	78"	24"	34.67	44"	54"	24"

THRUST BLOCK FOR TEES & PLUGS

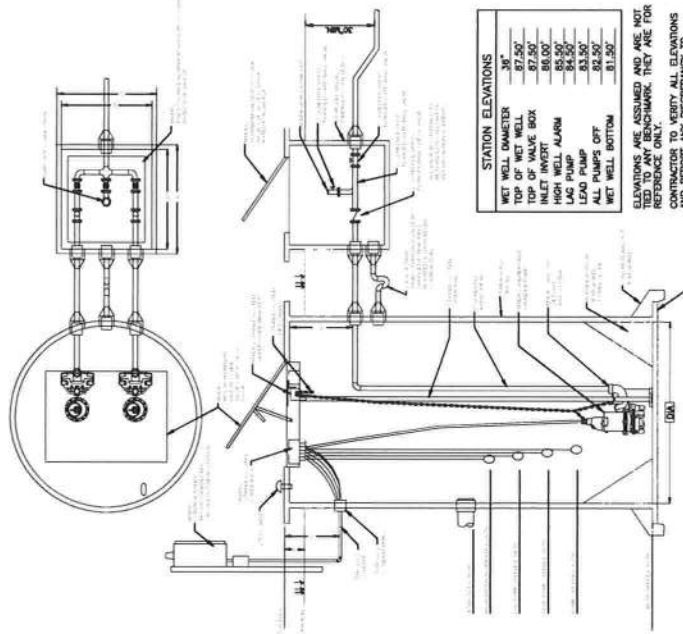
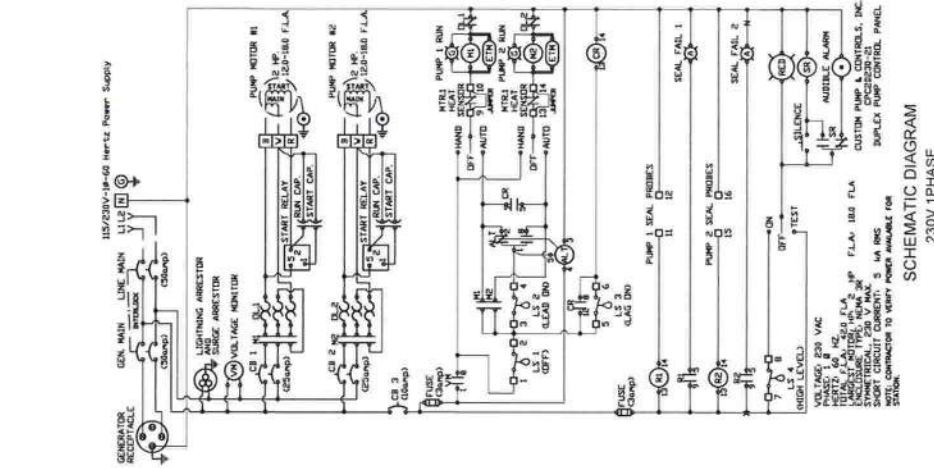
SIZE	TEE			SQ. FT. BEARING SURFACE		
	A	B	C	A	B	C
4"	16"	16"	18"	1.78	1.78	1.78
6"	20"	24"	18"	3.33	3.33	3.33
8"	26"	32"	18"	5.78	5.78	5.78
10"	32"	40"	18"	8.89	8.89	8.89
12"	36"	48"	24"	12.00	12.00	12.00
14"	40"	56"	24"	15.56	15.56	15.56
16"	48"	60"	24"	20.00	20.00	20.00
18"	56"	64"	24"	24.89	24.89	24.89
20"	60"	76"	24"	31.67	31.67	31.67
24"	72"	90"	24"	45.00	45.00	45.00
30"	86"	102"	24"	60.67	60.67	60.67
36"	116"	108"	24"	86.11	86.11	86.11



2. PVC PIPE RESTRAINT JOINT SCHEDULE
C402 SCALE: N.T.S.



1. THRUST BLOCK SIZE CHART
C402 SCALE: N.T.S.



STATION ELEVATIONS	
WET WELL DIAMETER	36"
TOP OF WET WELL	87.50'
TOP OF VALVE BOX	87.50'
INLET INVERT	86.00'
HIGH WELL ALARM	85.50'
LAG PUMP	84.50'
LEAD PUMP	83.50'
ALL PUMPS' OFF	82.50'
WET WELL BOTTOM	81.50'

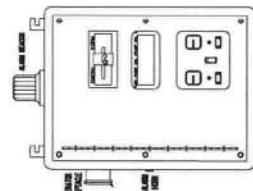
ELEVATIONS ARE ASSUMED AND ARE NOT TIED TO ANY BENCHMARK. THEY ARE FOR REFERENCE ONLY.

CONTRACTOR TO VERIFY ALL ELEVATIONS AND REPORT ANY DISCREPANCY TO ENGINEER

1000

NEAREST WELL AND VALVE BOX MUST HAVE LOCKABLE HATCH OR OTHER APPROPRIATE FEATURES TO DISCOURAGE THE ENTRY OF ANIMALS OR UNAUTHORIZED PERSONS.

THE CERTIFIED LIFT STATION SERVICE COMPANY SHALL HAVE AS A MINIMUM, ONE SPARE PART OF ALL SYSTEM COMPONENTS.



FRONT VIEW



CUSTOM PUMP & CONTROLS, INC.
PACKAGED FIBERGLASS LIFT STATION
PACKAGED FIBERGLASS VALVE BOX

UNIT D.C. CONTROL PANEL

DESIGN CONDITIONS	
MODEL	MYERS VS20-21
IMPELLER	STD
DISCHARGE	1.25"
GPM	30
H.P.	2.0
VOLTS/PHASE	230 / 1
SPEED	3450 RPM
T.D.H.	100' TDH

507

THE PUMP The pump small was an integrated built-in chamber unit and flame-resistant type motor. The pump was built, supported in the body by two 1/2" couplings connected by 1/2" mounting. The pump was connected to the chamber by a 1/2" connection to the chamber medium with 1/2".

NOTES

[illegible]

REAL CHAMBER

THE MOTOR SHALL BE PROTECTED BY TWO (2) ROTARY SHIM SEAL MOUNTED IN TANKER WITH AN OIL LUBRICATED CHAMBER SEPARATING THE SEALS. THE SEALS SHALL HAVE CARBIDE AND CERAMIC SEAL FACES BEING LABELED TO A TOLERANCE OF ONE LIGHT GAUGE. METAL PARTS AND SPRINGS FOR SEALS SHALL BE STAINLESS STEEL. AN ELECTRICAL SENSING PROBE SHALL BE MOUNTED IN THE SEAL CHAMBER TO DETECT WATER LEAKAGE PAST THE LOWER SEAL.

UNDER ASSEMBLY & CONSTRUCTION

[illegible]

THE PUMP MATCHES THE

enough the volume for the ground solids. The impeller shall be constructed of stainless steel and shall have pump out valves on the back side of the impeller to help solids from lower seal and reduce pressure at the seal faces. Impeller shall be threaded onto the stainless steel shaft.

TIME & MOTOR CASTINGS

IRON CASTING SHALL BE HIGH TENSILE CAST IRON AND SHALL BE PROPERLY CLEANED, PRE-TREATED WITH CHROMIC ANGLE AND PAINTED WITH A HIGH QUALITY ENAMEL PAINT. ALL PUMP COMPONENTS THAT ARE IN CONTACT WITH CAST IRON OR STAINLESS STEEL SHALL BE GALVANIZED OR PAINTED WITH BAKED-ON EPOXY. ALL PUMP COMPONENTS SHALL BE 304 STAINLESS STEEL.

GET WELL

[illegible]

WAVE BOY

[illegible]

LUBRIMIL M HATCH

MAKING / FABRICATED FROM 1/4" ALUMINUM DIAMOND PLATE AND BUILT TO WITHSTAND A LOAD OF 150 LB PER SQ FT AND SHALL BE MANUFACTURED BY U.S. FOUNDRY HILLTOP, OH (EQM).
ANALYSIS STEEL BOLTS, NUTS AND WIGGERS - LOCKING TAPE

LOADS

ACCESSORIES
STANDS AND STILES, CABLE RACK
STANDS AND STILES, LEFT CABLE

REFERENCES

IMPLANTATION
CONCRETE IS RECOMMENDED TO PREVENT PLANTATION OF THE PERMANENT BARRIER. THE FOLLOWING LIST
THE CURED MEET REQUIRED MINIMUM OF BARRIER DEPTH.

BASIN DIAMETER	CUBIC FEET OF CONCRETE REQUIRED PER FOOT OF BASIN DEPTH
24"	2
30"	3.6
36"	6
48"	9.6
60"	12

EMERGENCY SIGN

SHALL BE FURNISHED OF DURABLE WEATHER RESISTANT MATERIAL, INSTALLED IN A MANNER TO PROTECT THE BUILDING FROM WEATHER. THE MATERIAL SHALL BE CAPABLE OF WITHSTANDING THE FULL RANGE OF TEMPERATURES AND WEATHER CONDITIONS TO WHICH IT WILL BE EXPOSED. THE MATERIAL SHALL BE INSTALLED IN A MANNER TO PROTECT THE BUILDING FROM WEATHER. THE MATERIAL SHALL BE CAPABLE OF WITHSTANDING THE FULL RANGE OF TEMPERATURES AND WEATHER CONDITIONS TO WHICH IT WILL BE EXPOSED.



1. LIFE SAFETY PLAN SHALL MEET THE REQUIREMENTS OF THE FLORIDA FIRE PREVENTION CODE (FFPC), 7716 SECTION 2323.
2. OCCUPANCY TYPE SHALL BE "EDUCATIONAL" IN ACCORDANCE WITH THE DEFINITION SET FORTH IN SECTION 4.1.1.3.3 OF THE FFPC.
3. BUILDING HEIGHT SHALL BE 10 FEET OR LESS AND BUILDING FEET AND WOULD BE CLASSIFIED AS TYPE IIIA IN ACCORDANCE WITH SECTION 4.1.1.3.3 OF THE FFPC.
4. THE CONSTRUCTION SHALL BE MODULAR PLANS.
5. FIRE FLOW REQUIREMENTS SHALL BE 500 GPM & DURATION OF TWO (2) HOURS FOR TYPE III BUILDINGS FROM 0-60 SF IN ACCORDANCE WITH TABLE 14.4.2.1 MINIMUM REQUIRED FLOW AND FLOW DURATION FOR BUILDINGS PER THE FFPC.
6. THE FIRE FLOW CALCULATIONS FOR THE HYDRANTS AT THIS SITE.
7. THE DISTANCE REQUIRED ALONG THE ROADWAY FROM THE FIRE HYDRANT TO PARTNERSHIP POINT OF ANY BUILDING IS 500 FEET.