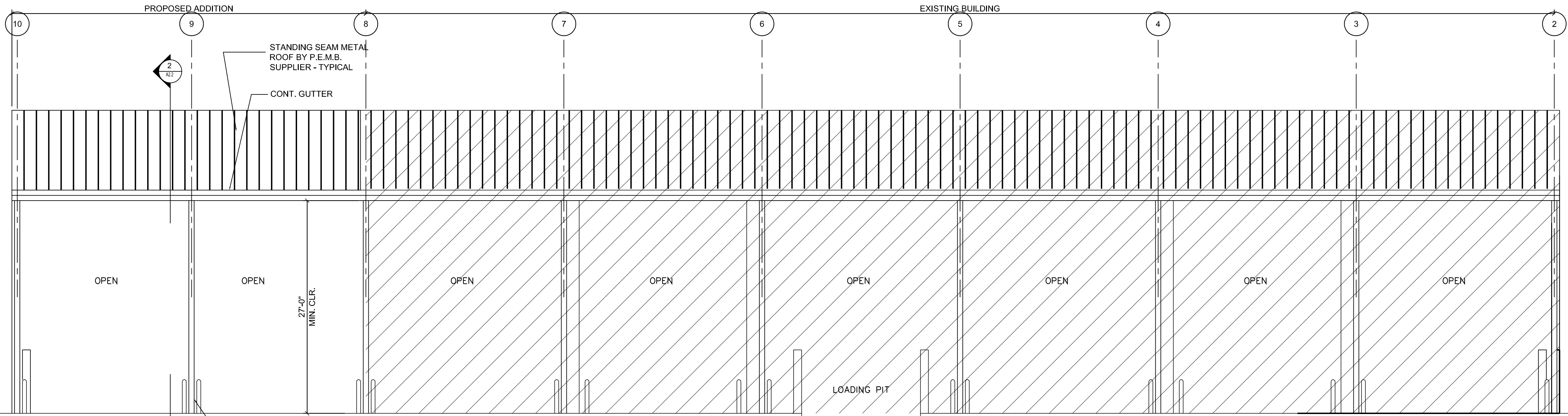
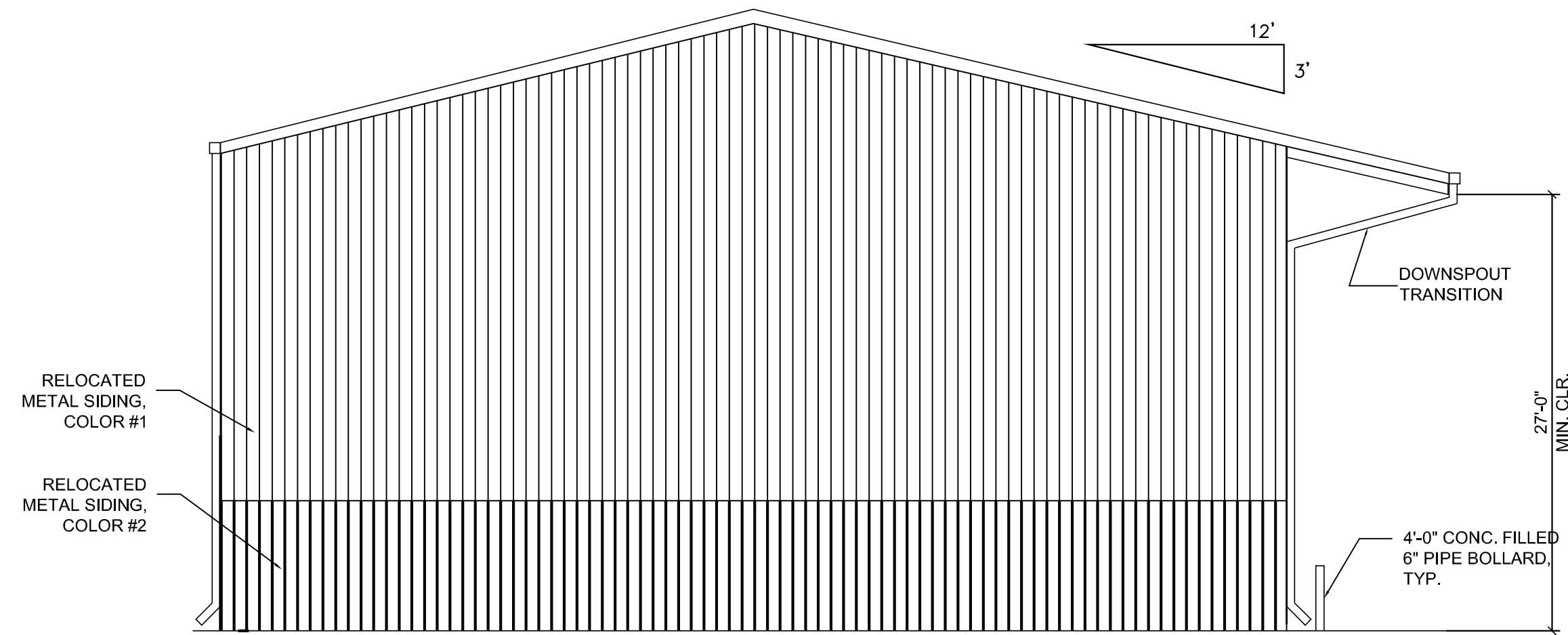


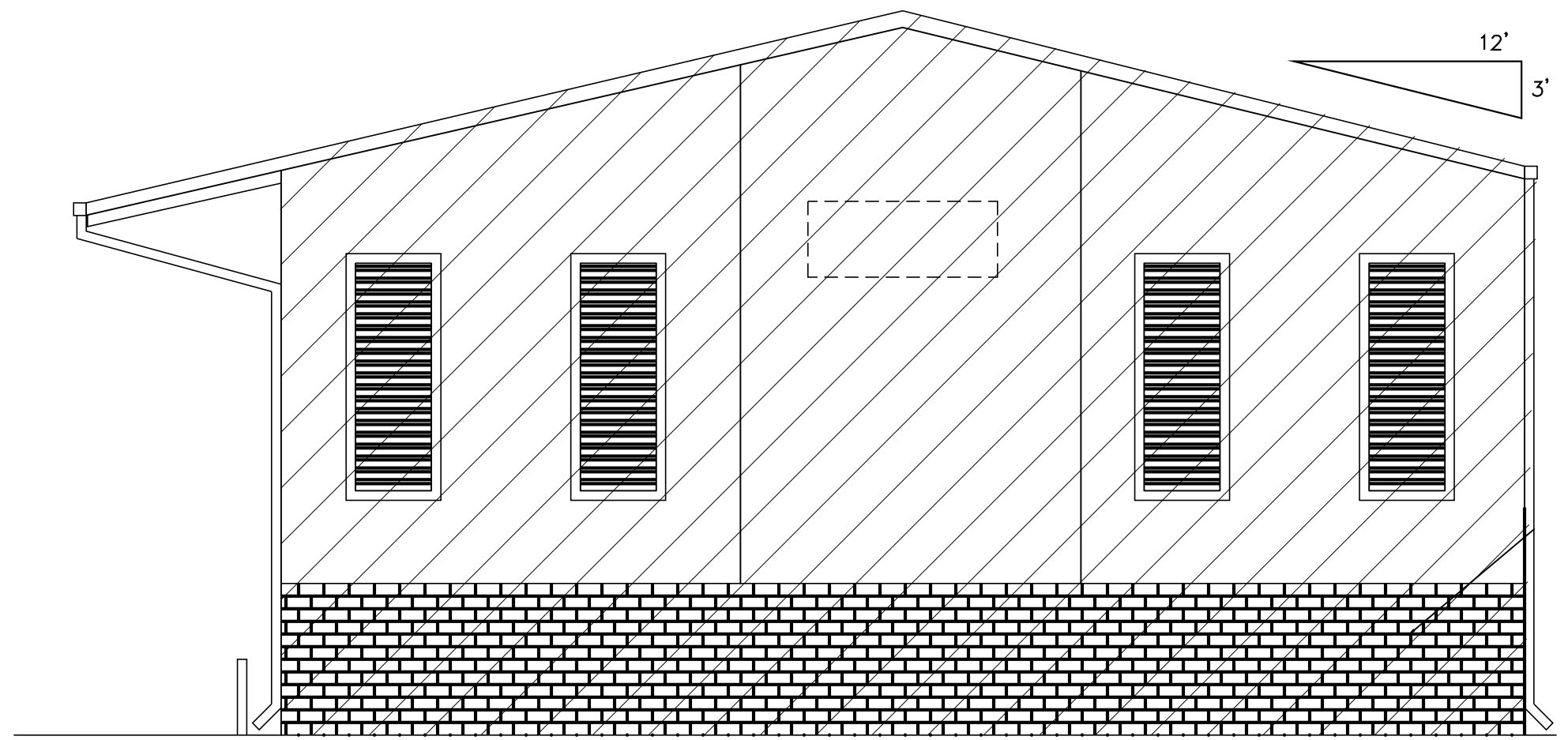
1 SOUTH ELEVATION
A2.1 SCALE: 1/8" = 1'-0"



2 NORTH ELEVATION
A2.1 SCALE: 1/8" = 1'-0"



3 EAST ELEVATION
A2.1 SCALE: 1/8" = 1'-0"



4 WEST ELEVATION (EXISTING TO REMAIN)
A2.1 SCALE: 1/8" = 1'-0"

CMK Design Studio, LLC
Planning & Design of the Built Environment
6822 22nd Ave. N. #148
St. Petersburg, Florida 33710
Ph: 727.515.8461
FL LIC. NO.: #026000858
coro@cmkdesignstudio.com

MARCOS IBARGUEN
AR 13117
Drawing Not Valid Unless Signed,
Sealed & Dated By Registered Professional



FT. PIERCE TRANSFER STATION
WASTE MANAGEMENT INC. OF FLORIDA
3890 SELVITZ ROAD
FT. PIERCE, FLORIDA

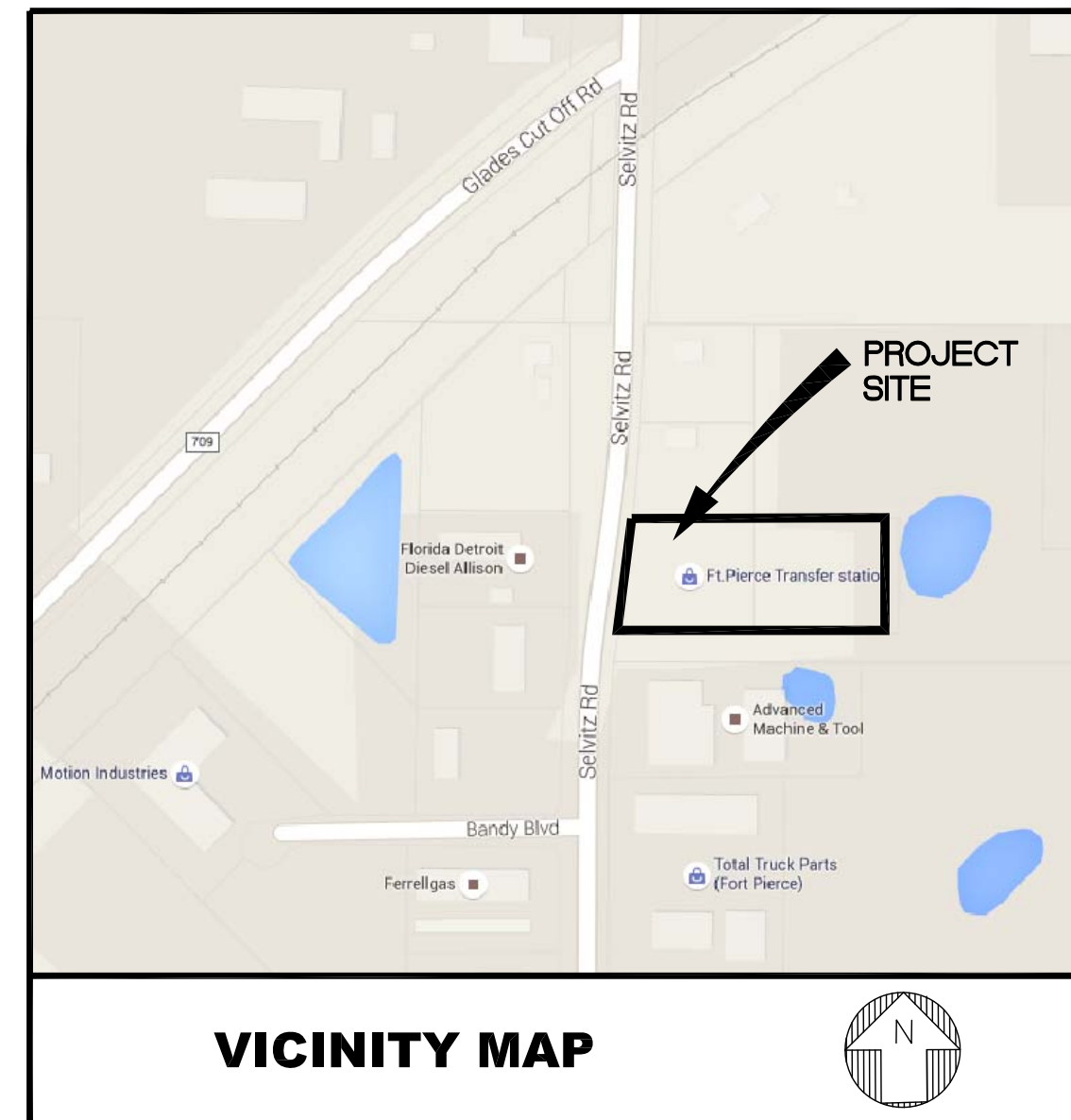
NO.	REVISIONS	DATE

JOB NO.
1225
ISSUE DATE:
08/24/12
DRAWN BY:
MI

SHEET TITLE
ELEVATIONS
SHEET NO.
A2.1

FT. PIERCE TRANSFER STATION EXPANSION WASTE MANAGEMENT INC. OF FLORIDA

SECTION 32, TOWNSHIP 35 SOUTH, RANGE 40 EAST
3890 SELVITZ ROAD
FT. PIERCE, FLORIDA
MAY 2016



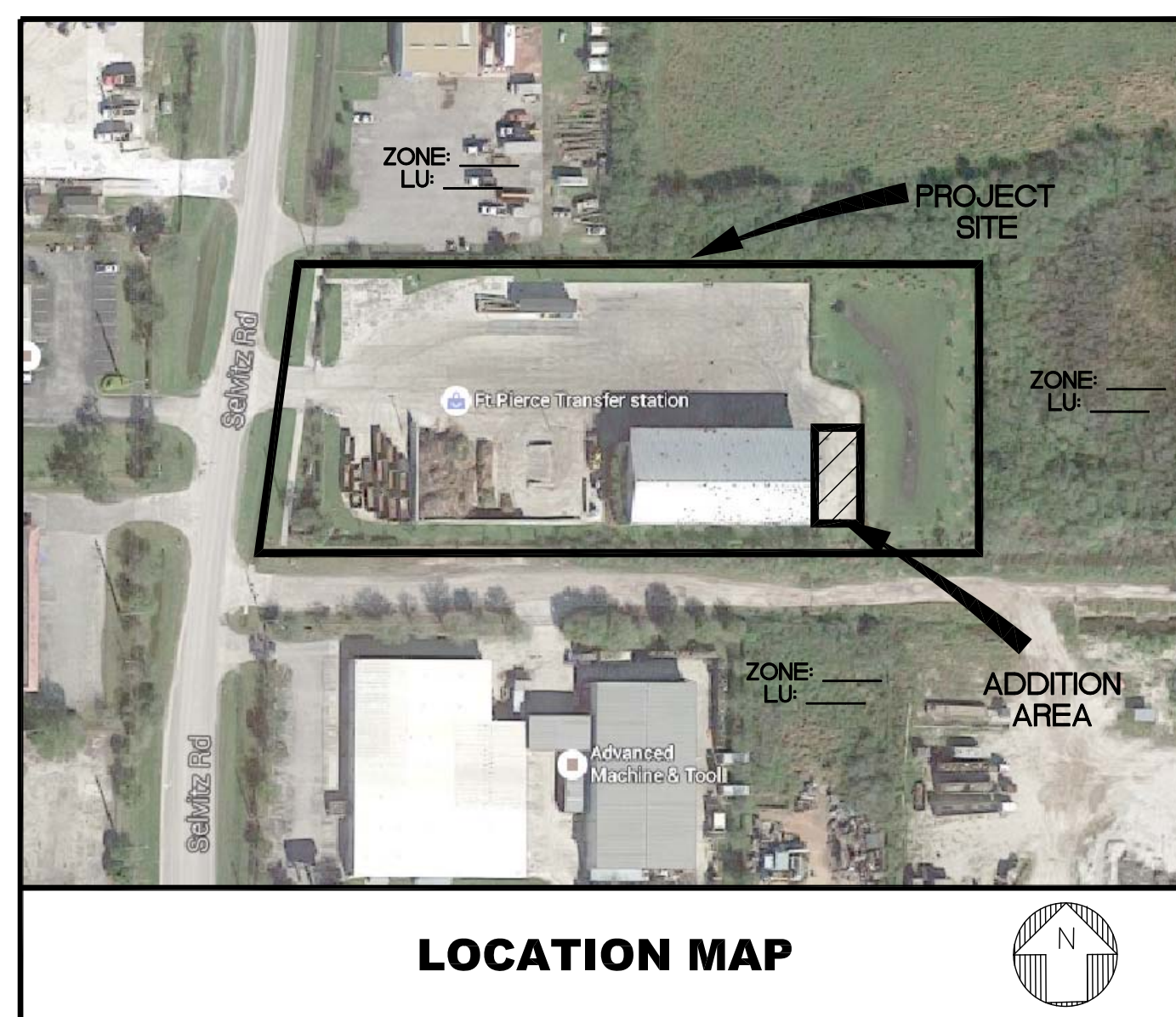
OWNER
WASTE MANAGEMENT OF FLORIDA, INC
2700 WILKES ROAD
POMPANO BEACH, FL 33073
PH. (772) 293-0500

INDEX OF DRAWINGS	
C1	COVER SHEET
C2	EXISTING CONDITIONS PLAN
C3	DEMOLITION AND EROSION CONTROL PLAN AND DETAILS
C4	SITE AND UTILITY PLAN
C5	PAVING, GRADING AND DRAINAGE PLAN
C6	PAVING, GRADING AND DRAINAGE DETAILS

ENGINEER
MBV
ENGINEERING, INC.
MOIA BOWLES VILLAMIZAR & ASSOCIATES
CONSULTING ENGINEERING CA #3728

1835 20TH STREET
VERO BEACH, FL 32960
PH. (772) 569-0035
FX. (772) 778-3617

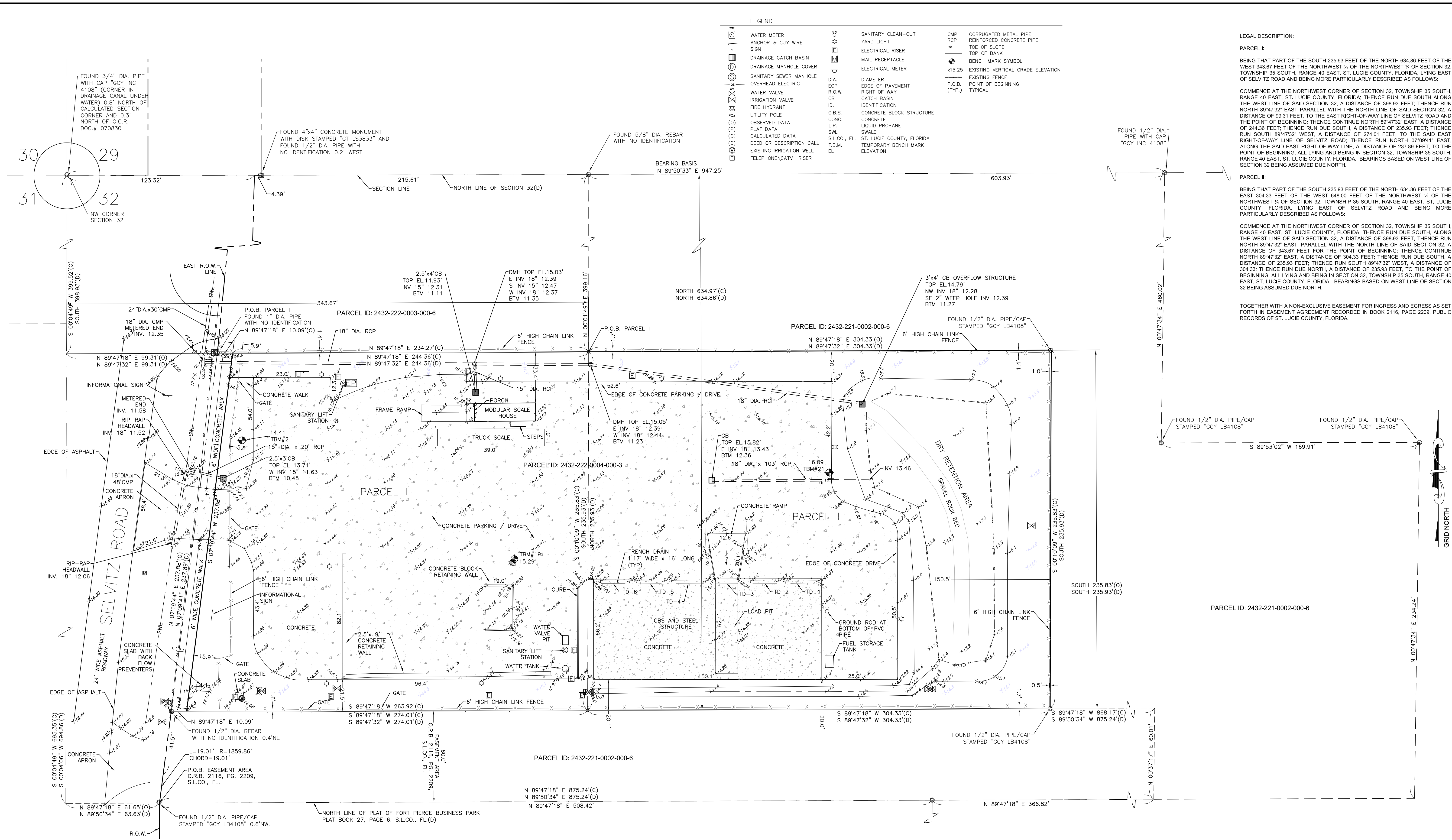
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AARON J. BOWLES
FL. P.E.#55313
DATE:
SHEET
C1
OF 5
16-0107

16-0107



LEGEND

WATER METER	SANITARY CLEAN-OUT	CMP	CORRUGATED METAL PIPE
ANCHOR & GUY WIRE SIGN	YARD LIGHT	RCP	REINFORCED CONCRETE PIPE
DRAINAGE CATCH BASIN	ELECTRICAL RISER	---	TOE OF SLOPE
DRAINAGE MANHOLE COVER	MAIL RECEPTACLE	○	TOP OF BANK
SANITARY SEWER MANHOLE OVERHEAD ELECTRIC	ELECTRICAL METER	●	BENCH MARK SYMBOL
WATER VALVE	DIA.	x15.25	EXISTING VERTICAL GRADE ELEVATION
IRRIGATION VALVE	EDG	---	EXISTING FENCE
FIRE HYDRANT	R.O.W.	---	P.O.B. POINT OF BEGINNING (TYP.)
UTILITY POLE	CB	---	TYPICAL
OBSERVED DATA	ID.	---	
PLAT DATA	C.B.S.	---	
CALCULATED DATA	CONC.	---	
DEED OR DESCRIPTION CALL	L.P.	---	
EXISTING IRRIGATION WELL	SWL	---	
TELEPHONE/CATV RISER	S.L.C.O., FL.	---	
	T.B.M.	---	
	EL	---	

LEGAL DESCRIPTION:

PARCEL I:
BEING THAT PART OF THE SOUTH 235.93 FEET OF THE NORTH 634.86 FEET OF THE WEST 343.67 FEET OF THE NORTHWEST 1/4 OF SECTION 32, TOWNSHIP 35 SOUTH, RANGE 40 EAST, ST. LUCIE COUNTY, FLORIDA, LYING EAST OF SELVITZ ROAD AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
COMMENCE AT THE NORTHWEST CORNER OF SECTION 32, TOWNSHIP 35 SOUTH, RANGE 40 EAST, ST. LUCIE COUNTY, FLORIDA; THENCE RUN DUE SOUTH ALONG THE WEST LINE OF SAID SECTION 32, A DISTANCE OF 398.93 FEET; THENCE RUN NORTH 89°47'32" WEST, A DISTANCE OF 274.01 FEET, TO THE SAID EAST RIGHT-OF-WAY LINE OF SELVITZ ROAD; THENCE RUN NORTH 07°09'41" EAST, ALONG THE SAID EAST RIGHT-OF-WAY LINE, A DISTANCE OF 237.89 FEET, TO THE POINT OF BEGINNING, ALL LYING AND BEING IN SECTION 32, TOWNSHIP 35 SOUTH, RANGE 40 EAST, ST. LUCIE COUNTY, FLORIDA. BEARINGS BASED ON WEST LINE OF SECTION 32 BEING ASSUMED DUE NORTH.

PARCEL II:
BEING THAT PART OF THE SOUTH 235.93 FEET OF THE NORTH 634.86 FEET OF THE EAST 304.33 FEET OF THE WEST 648.00 FEET OF THE NORTHWEST 1/4 OF SECTION 32, TOWNSHIP 35 SOUTH, RANGE 40 EAST, ST. LUCIE COUNTY, FLORIDA, LYING EAST OF SELVITZ ROAD AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
COMMENCE AT THE NORTHWEST CORNER OF SECTION 32, TOWNSHIP 35 SOUTH, RANGE 40 EAST, ST. LUCIE COUNTY, FLORIDA; THENCE RUN DUE SOUTH, ALONG THE WEST LINE OF SAID SECTION 32, A DISTANCE OF 398.93 FEET; THENCE RUN NORTH 89°47'32" EAST, PARALLEL WITH THE NORTH LINE OF SAID SECTION 32, A DISTANCE OF 343.67 FEET FOR THE POINT OF BEGINNING; THENCE CONTINUE NORTH 89°47'32" EAST, A DISTANCE OF 304.33 FEET; THENCE RUN DUE SOUTH, A DISTANCE OF 235.93 FEET; THENCE RUN SOUTH 89°47'32" WEST, A DISTANCE OF 304.33 FEET; THENCE RUN DUE NORTH, A DISTANCE OF 235.93 FEET, TO THE POINT OF BEGINNING, ALL LYING AND BEING IN SECTION 32, TOWNSHIP 35 SOUTH, RANGE 40 EAST, ST. LUCIE COUNTY, FLORIDA. BEARINGS BASED ON WEST LINE OF SECTION 32 BEING ASSUMED DUE NORTH.

TOGETHER WITH A NON-EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS AS SET FORTH IN EASEMENT AGREEMENT RECORDED IN BOOK 2116, PAGE 2209, PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA.

REVISIONS

NO.	DATE	DESCRIPTION
1	16-0107	DB/RT
2		AFR/RT
3		DR/WW
4		DATE
5		THA/IB
6		DATE
7		SCALE

JOB NO.: 1835 - 20TH STREET VERO BEACH, FL 32940
DATE: MAY 2016
SCALE: 1" = 30'

EMBY ENGINEERING, INC.
MOIRA BOWLES VILLAMIZAR & ASSOCIATES
CONSULTING ENGINEERING CA #578

EXISTING CONDITIONS PLAN

FT. PIERCE TRANSFER STATION EXPANSION WASTE MANAGEMENT INC., OF FLORIDA

DATE: AARON J. BOWLES P.L.E.#55313
SHEET: C2 OF 6
NO.: 16-0107

SURVEYOR'S GENERAL NOTES AND REPORT:

- UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER, THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.
- THE LAST DAY OF FIELD WORK PERFORMED FOR THE INITIAL SURVEY EFFORT WAS MARCH 23, 2016. SUBSEQUENT ADDITIONS, DELETIONS AND/OR UPDATES, IF ANY, ARE REFLECTED IN THE DRAWING REVISIONS.
- BEARINGS SHOWN HEREON ARE BASED UPON THE NORTH AMERICAN DATUM OF 1983, ADJUSTMENT OF 2011, AND ARE PROJECTED IN THE FLORIDA STATE PLANE COORDINATE SYSTEM, FLORIDA EAST ZONE (901) AND ARE REFERENCED TO THE ESTABLISHED AND MONUMENTED LINE SHOWN HEREON LABELED AS THE "BEARING BASIS".
- UNLESS A DIFFERENCE IS SHOWN, OBSERVED AND RECORD DIMENSIONS ARE THE SAME. ALL DIMENSIONS SHOWN HEREON ARE DISPLAYED IN U.S. SURVEY FEET AND DECIMAL PARTS THEREOF.
- THE BOUNDARY DETERMINATION AND DELINEATION SHOWN ON THIS MAP OF SURVEY WAS BASED UPON THE PROFESSIONAL OPINION OF THE REGISTERED SURVEYOR PURSUANT TO NORMAL PRINCIPLES AND PRACTICES OF LAND SURVEYING AND IS NOT INTENDED TO IMPLY OR DETERMINE OWNERSHIP. THIS SURVEY DOES NOT INTEND TO DELINEATE LOCAL AREAS OF CONCERN OR ANY OTHER JURISDICTIONAL DETERMINATION.
- THIS SURVEY HAS BEEN PREPARED FOR THE EXCLUSIVE BENEFIT AND USE OF THE PERSONS AND/OR ENTITIES NAMED HEREON FOR THE PURPOSES IDENTIFIED HEREON ONLY. UNLESS OTHERWISE STATED, CERTIFICATION

OF THIS SURVEY MAP APPLIES ONLY TO THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER SJ17 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES. THE CERTIFICATION IN NO WAY CONSTITUTES NEITHER GUARANTY NOR WARRANTY TO ANY OTHER INFORMATION NOT SHOWN HEREON. ADDITIONS, DELETIONS OR REVISIONS TO THIS DRAWING BY OTHERS ARE NOT PERMITTED AND THIS SURVEY MAY NOT BE TRANSFERRED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE SIGNING SURVEYOR. THIS SURVEY IS NOT VALID FOR ANY OTHER PURPOSE OTHER THAN INTENDED BY THE SIGNING SURVEYOR.

THE LEGAL DESCRIPTION AND MATTERS OF PUBLIC RECORD WERE FURNISHED BY THE CLIENT. THIS PROPERTY(S) WAS NOT ABSTRACTED OR RESEARCHED BY THIS OFFICE FOR ENCUMBRANCES OF RECORD. THE HEREON DESCRIBED PROPERTY IS SUBJECT TO RESTRICTIONS, RESERVATIONS, EASEMENTS AND RIGHTS-OF-WAY OF RECORD, IF ANY. MATTERS OF RECORD NOT BROUGHT TO THE SURVEYOR'S ATTENTION BY THE CLIENT, THEIR AGENT OR AS DISCLOSED BY A FURNISHED TITLE INSURANCE POLICY AND NOT INCLUDED. NO INVESTIGATION WAS MADE BY THIS OFFICE INTO THE VALIDITY OF ANY EASEMENTS CITED IN THE LEGAL DESCRIPTION OR FOR ANY ENCUMBRANCES NOT OF RECORD IN THE INFORMATION FURNISHED BY THE CLIENT. A TITLE COMMITMENT OR ABSTRACT OF LAND WAS NOT FURNISHED TO THIS FIRM OR SURVEYOR.

THE EXPECTED USE OF THE LAND, AS CLASSIFIED IN THE STANDARDS OF PRACTICE (SJ17, F.A.C.) IS COMMERCIAL. THE MINIMUM RELATIVE DISTANCE ACCURACY OF BOUNDARIES FOR THIS TYPE OF SURVEY IS 1 FOOT IN 10,000 FEET. THIS SURVEY MEETS OR EXCEEDS THE STATED ACCURACY REQUIREMENT.

WITH EXCEPTION TO WHAT HAS BEEN FIELD LOCATED AND SHOWN ON THIS SURVEY, THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN HEREON COMPRISE ALL SUCH UTILITIES IN THE

AREA, EITHER IN SERVICE OR ABANDONED, SUBSURFACE AND/OR AERIAL ENCROACHMENTS, IF ANY, WERE NOT LOCATED AND/OR DEPICTED ON THIS SURVEY UNLESS NOTED OR IDENTIFIED.

10. THE HEREON DESCRIBED PROPERTY APPEARS TO LIE WITHIN FLOOD ZONE "X" (OUTSIDE 0.2% ANNUAL CHANCE OF FLOOD), AS SHOWN ON FLOOD INSURANCE RATE MAP (FIRM) NUMBER 1211C0188, PANEL 0188, SUFFIX 'J', MAP EFFECTIVE DATE FEBRUARY 16, 2012, MAP INDEX DATE FEBRUARY 16, 2012.

VERTICAL DATUM AND CONTROL NOTES:
THE ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988) AND ARE DISPLAYED IN U.S. SURVEY FEET AND DECIMAL PARTS THEREOF.

ORIGINATING BENCH MARK(S) = ST. LUCIE COUNTY BENCH MARK, DISK IN CONCRETE "1999 ROGER" EL. 13.69 NAVD 1988. TEMPORARY BENCH MARK(S): T.B.M. #2 = TOP OF REBAR/CAP "TRAV.PT. LB205" EL. 14.41 NAVD 1988. SEE SURVEY FOR LOCATION.

TEMPORARY BENCH MARK(S): T.B.M. #19 = TOP OF "MAG" NAIL / TAB "TRAV.PT. LB205" EL. 15.29 NAVD 1988. SEE SURVEY FOR LOCATION.

TEMPORARY BENCH MARK(S): T.B.M. #21 = TOP OF "MAG" NAIL / TAB "TRAV.PT. LB205" EL. 16.09 NAVD 1988. SEE SURVEY FOR LOCATION.

SURVEYOR'S GLOBAL POSITIONING SYSTEM (G.P.S.) NOTES:

1. G.P.S. SURVEY METHOD: REAL TIME KINEMATIC (RTK)

2. G.P.S. RECEIVER TYPE: DUAL FREQUENCY LEICA GX 1250 AND LEICA GS 14 GPS/GLONASS GNSS (GLOBAL NAVIGATION SATELLITE SYSTEM), SBAS, CODE AND PHASE (L1 AND L2)

3. THE ORIGINAL GPS RTK MEASUREMENTS BEGAN MARCH 22, 2016 AND WERE COMPLETED ON MARCH 23, 2016. TWO LEICA DUAL FREQUENCY GPS RECEIVERS EQUIPPED WITH RT-SKI (REAL TIME MEASUREMENT CAPABILITIES) WERE USED TO GATHER GPS DATA. TYPICALLY A BASE RECEIVER IS SET UP ON AN ESTABLISHED CONTROL STATION WHILE A ROVING RECEIVER LOCATES EXISTING MONUMENTS, IMPROVEMENTS AND/OR TOPOGRAPHIC DATA AND CONTROL THROUGHOUT THE PROJECT AREA. REAL-TIME COORDINATE COMPUTATIONS AND PRECISION INFORMATION ARE DETERMINED VIA RADIO / MODEM LINK WITH THE BASE STATION AND RECORDED AS THREE DIMENSIONAL (3D) POSITIONS.

4. G.P.S. SURVEY MEASUREMENTS WERE PROCESSED AND ADJUSTED USING LEICA GEO OFFICE, VERSION 8.3

5. THE HORIZONTAL TARGET ACCURACY FOR THIS SURVEY IS AS FOLLOWS:
HORIZONTAL: 10MM + 1PPM (RMS)
VERTICAL: 20MM + 1PPM (RMS)

GPS CONTROL POINT (REFERENCE STATION):
LOCAL SITE CONTROL VALUES ARE NETWORK CORRECTED (ADJUSTED) POSITIONS.
DESIGNATION - CARTER BASE 29
STATE/COUNTY - FLORIDA/RIVER
USGS QUAD - VERO BEACH (1983)
NAD 83 (2011) 27°38'23.9452" (N) 80°24'10.0088" (W)
ELEVATION: 43.69 FEET (N.A.D. 1988)
ELLIPSOID HEIGHT - 13.9599 METERS
DESCRIPTION - CARTER ASSOC., INC. REFERENCE STATION, 1708 21ST STREET, VERO BEACH, FLORIDA.

CERTIFIED TO:
WASTE MANAGEMENT, INC. OF FLORIDA



CONSTRUCTION ACTIVITIES CAN RESULT IN THE GENERATION OF SIGNIFICANT AMOUNTS OF POLLUTANTS WHICH MAY REACH SURFACE OR GROUND WATERS. ONE OF THE PRIMARY POLLUTANTS OF SURFACE WATERS IS SEDIMENT DUE TO EROSION. EXCESSIVE QUANTITIES OF SEDIMENT WHICH REACH WATER BODIES OF FLOODPLAINS HAVE BEEN SHOWN TO ADVERSELY AFFECT THEIR PHYSICAL, BIOLOGICAL AND CHEMICAL PROPERTIES. TRANSPORTED SEDIMENT CAN OBSTRUCT STREAM CHANNELS, REDUCE HYDRAULIC CAPACITY OF WATER BODIES OF FLOODPLAINS, REDUCE THE DESIGN CAPACITY OF CULVERTS AND OTHER WORKS, AND ELIMINATE BENTHIC INVERTEBRATES AND FISH SPANNING SUBSTRATES BY SILTATION. EXCESSIVE SUSPENDED SEDIMENTS REDUCE LIGHT PENETRATION AND THEREFORE, REDUCE PRIMARY PRODUCTIVITY.

MINIMUM STANDARDS

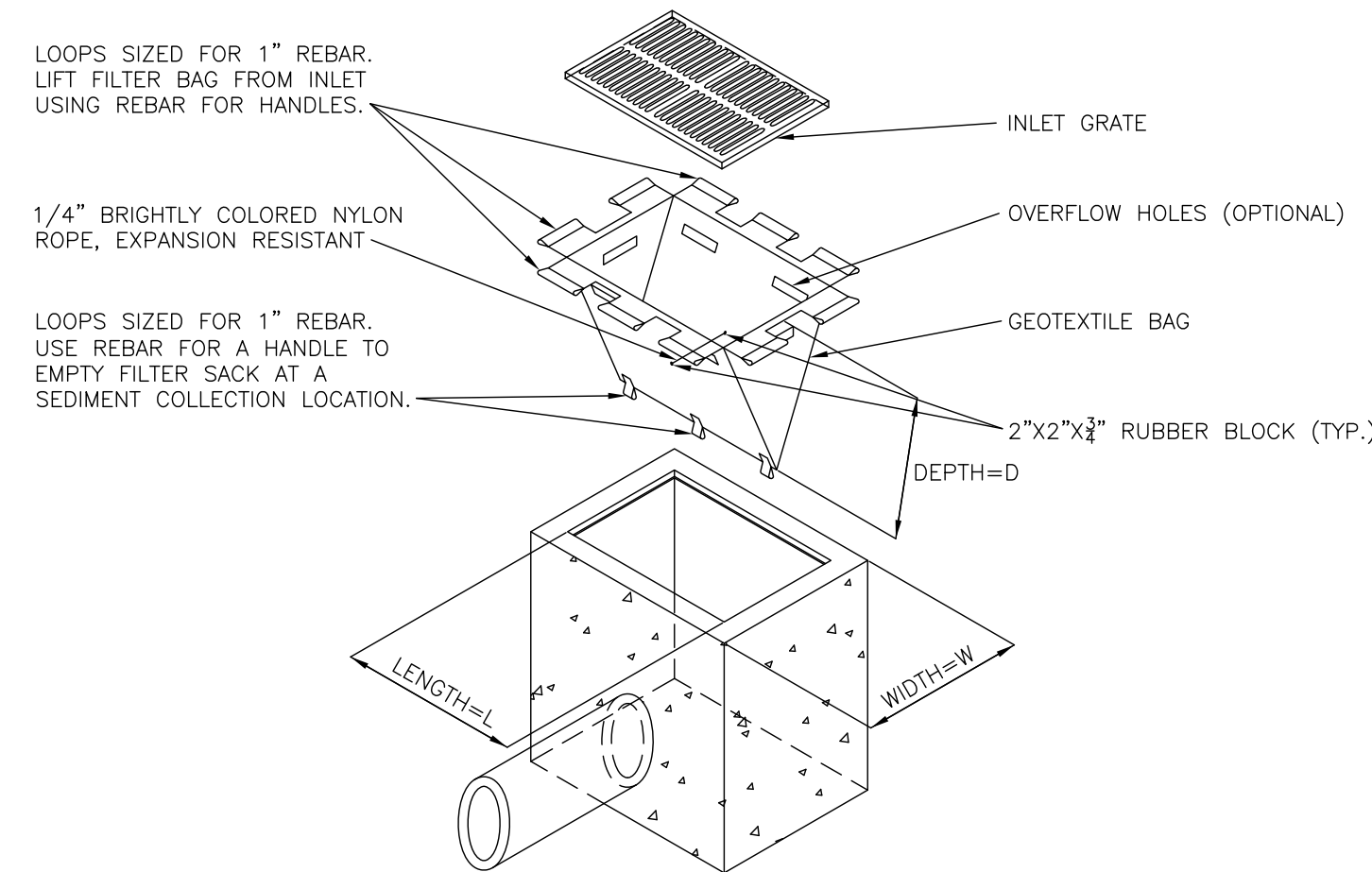
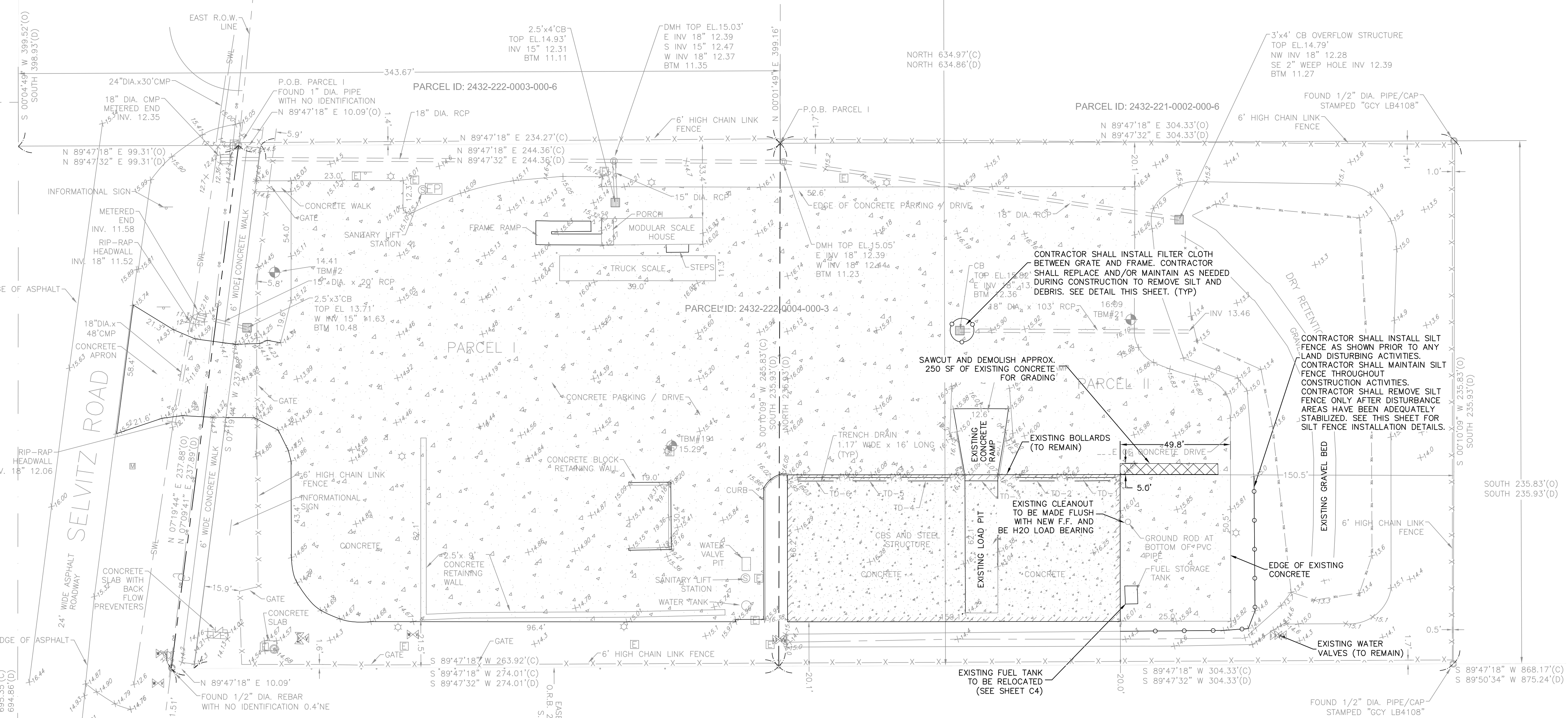
- SEDIMENT BASIN AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND-DISTRIBUTING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UNUSUAL LAND DISTURBANCE TAKES PLACE.
- ALL SEDIMENT CONTROL MEASURES ARE TO BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND BE CONSTRUCTED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON BALANCE OF SITE. PERIMETER SEDIMENT BARRIERS SHALL BE CONSTRUCTED TO PREVENT SEDIMENT OR TRASH FROM FLOWING OR FLOATING ON TO ADJACENT PROPERTIES.
- PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN UNDISTURBED FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT UNDISTURBED FOR MORE THAN ONE YEAR.
- DURING CONSTRUCTION OF THE PROJECT, SOIL STOCKPILES SHALL BE STABILIZED AND PROTECTED WITH SEDIMENT BARRIERS. THE APPLICANT IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE.
- A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED. PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL A GROUND COVER IS ACHIEVED THAT, IN THE OPINION OF THE REVIEWER, IS UNIFORM, MATURE ENOUGH TO SURVIVE AND WILL INHIBIT EROSION.
- STABILIZATION MEASURES SHALL BE APPLIED TO EARTHEN STRUCTURES SUCH AS DAMS, DIKES AND DIVERSIONS IMMEDIATELY AFTER INSTALLATION.
- SURFACE RUNOFF FROM DISTURBED AREAS THAT IS COMPRISED OF FLOW FROM DRAINAGE AREAS GREATER THAN OR EQUAL TO THREE ACRES SHALL BE CONTROLLED BY A SEDIMENT BASIN. THE SEDIMENT BASIN SHALL BE DESIGNED AND CONSTRUCTED TO ACCOMMODATE THE ANTICIPATED SEDIMENT LOADING FROM THE LAND-DISTURBING ACTIVITY. THE OUTFALL DEVICE OR SYSTEM DESIGN SHALL TAKE INTO ACCOUNT THE TOTAL DRAINAGE AREA FLOWING THROUGH THE DISTURBED AREA TO BE SERVED BY THE BASIN.
- AFTER ANY SIGNIFICANT RAINFALL, SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED FOR INTEGRITY. ANY DAMAGED DEVICES SHALL BE CORRECTED IMMEDIATELY.
- CONCENTRATED RUNOFF SHALL NOT FLOW DOWN CUT OR FILL SLOPES UNLESS CONTAINED WITHIN AN ADEQUATE TEMPORARY OR PERMANENT CHANNEL, FLUME OR SLOPE DRAIN STRUCTURE.
- WHENEVER WATER SEEPS FROM A SLOPE FACE, ADEQUATE DRAINAGE OR OTHER PROTECTION SHALL BE PROVIDED.
- SEDIMENT WILL BE PREVENTED FROM ENTERING ANY STORM DRAIN SYSTEM, DITCH OR CHANNEL. ALL STORM SEWER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.
- BEFORE TEMPORARY OR NEWLY CONSTRUCTED STORMWATER CONVEYANCE CHANNELS ARE MADE OPERATIONAL, ADEQUATE OUTLET PROTECTION AND ANY REQUIRED TEMPORARY OR PERMANENT CHANNEL LINING SHALL BE INSTALLED IN BOTH THE CONVEYANCE CHANNEL AND RECEIVING CHANNEL.
- WHEN WORK IN A LIVE WATERCOURSE IS PERFORMED, PRECAUTIONS SHALL BE TAKEN TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION. NONERODIBLE MATERIAL SHALL BE USED FOR THE CONSTRUCTION OF CAUSEWAYS AND COFFERDAMS. EARTHEN FILL MAY BE USED FOR THESE STRUCTURES IF ARMORED BY NON-ERODIBLE COVER MATERIALS.
- WHEN A LIVE WATERCOURSE MUST BE CROSSED BY CONSTRUCTION VEHICLES, A TEMPORARY STREAM CROSSING CONSTRUCTED OF NONERODIBLE MATERIAL SHALL BE PROVIDED.
- THE BED AND BANKS OF A WATERCOURSE SHALL BE STABILIZED IMMEDIATELY AFTER WORK IN THE WATERCOURSE IS COMPLETED.
- PERIODIC INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES MUST BE PROVIDED TO ENSURE INTENDED PURPOSE IS ACCOMPLISHED. THE DEVELOPER, OWNER AND/OR CONTRACTOR SHALL BE CONTINUALLY RESPONSIBLE FOR ALL SEDIMENT CONTROL PROPERTY. SEDIMENT CONTROL MEASURES SHALL BE IN WORKING CONDITION AT THE END OF EACH WORKING DAY.
- UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA:
 - NO MORE THAN 500 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE TIME.
 - EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
 - EFFLUENT FROM DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH AN APPROVED SEDIMENT TRAPPING DEVICE, OR BOTH, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOWING STREAMS OR OFF-SITE PROPERTY.
 - RESTALLATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE REGULATIONS.
- WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE WITH CURBS AND GUTTERS, THE ROAD SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. THIS PROVISION SHALL APPLY TO INDIVIDUAL SUBDIVISION LOTS AS WELL AS TO LARGER LAND-DISTRIBUTING ACTIVITIES.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, IN THE OPINION OF THE REVIEWER. DISTURBED SOIL AREAS RESULTING FROM THE DISPOSITION OF TEMPORARY MEASURES SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION.
- PROPERTIES AND WATERWAYS DOWNSTREAM FROM CONSTRUCTION SITE SHALL BE PROTECTED FROM SEDIMENT DISPOSITION AND EROSION.
- PHASED PROJECTS SHOULD BE CLEARED IN CONJUNCTION WITH CONSTRUCTION OF EACH PHASE.
- EROSION CONTROL DESIGN AND CONSTRUCTION SHALL FOLLOW THE REQUIREMENTS IN INDEX NOS. 101, 102 AND 103 OF FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS.
- THE REVIEWER MAY APPROVE MODIFICATIONS OR ALTER PLANS TO THESE EROSION CONTROL CRITERIA DUE TO SITE SPECIFIC CONDITIONS.
- CONTRACTOR TO INSTALL CONSTRUCTION PERMIT BOX IN A LOCATION VISIBLE FROM US #1 PRIOR TO THE COMMENCEMENT OF WORK.

DATE	REVISIONS
16-0107	1
16-0107	2
16-0107	3
16-0107	4
16-0107	5
16-0107	6
16-0107	7

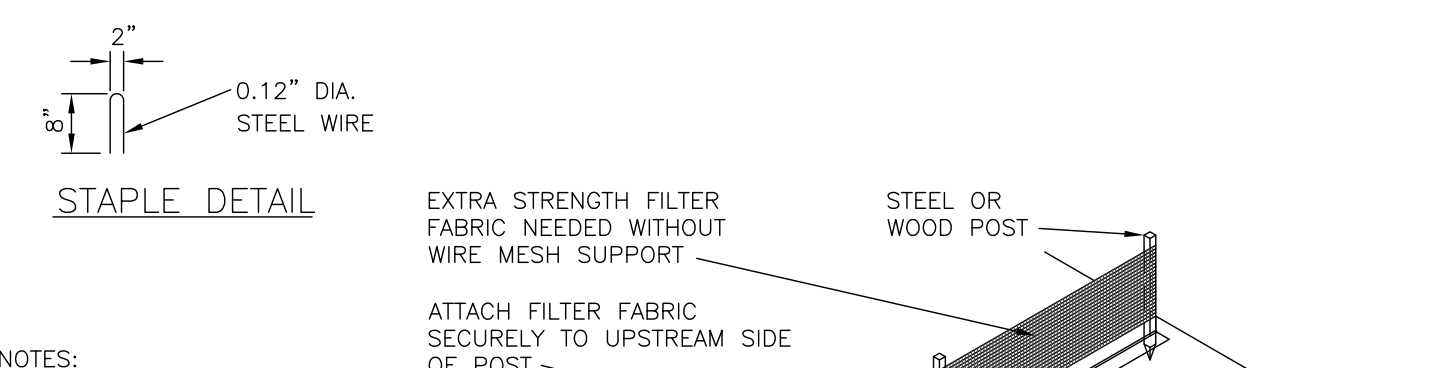
JOB NO.	DESIGNED	DRAWN	CHECKED	DATE ISSUED	SCALE
16-0107	AFR/RT	AFR/RT	AFR/RT	MAY 2016	

1835 - 20TH STREET	VERO BEACH, FL 32960	PH. (772) 549-0035	FX. (772) 778-3617	MELBOURNE, FL PH (321) 253-1510	FT. PIERCE, FL PH (772) 468-9085
EMBY ENGINEERING, INC.					
MOA BOWLES VILLAMIZAR & ASSOCIATES					
CONSULTING ENGINEERING CA #578					

DEMOLITION AND EROSION CONTROL AND DETAILS PLAN	FT. PIERCE	FLORIDA
TRANSFER STATION EXPANSION WASTE MANAGEMENT INC., OF FLORIDA		
AARON J. BOWLES FL P.E.#55313		
DATE:		
SHEET C3 OF 6		
16-0107		

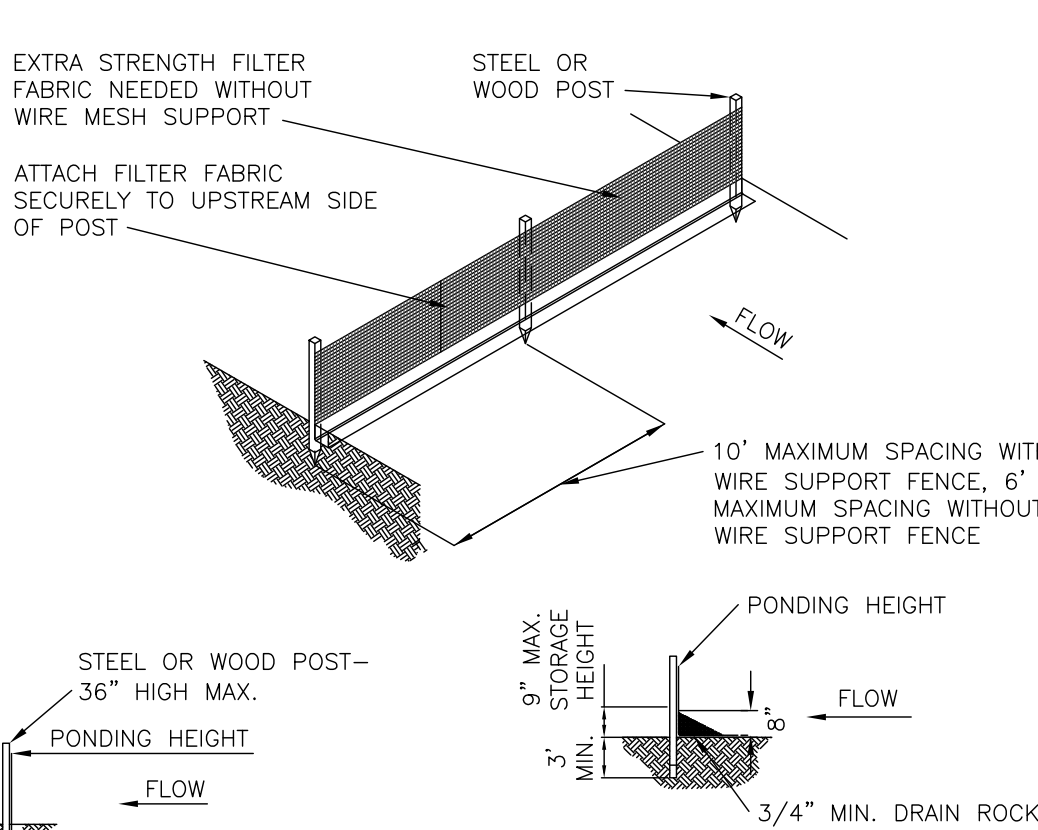


FILTER SACKS FOR GRATED INLETS AND STABILIZED ROADWAYS
N.T.S.



STAPLE DETAIL
N.T.S.

- NOTES:
- SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
 - INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9\"/>



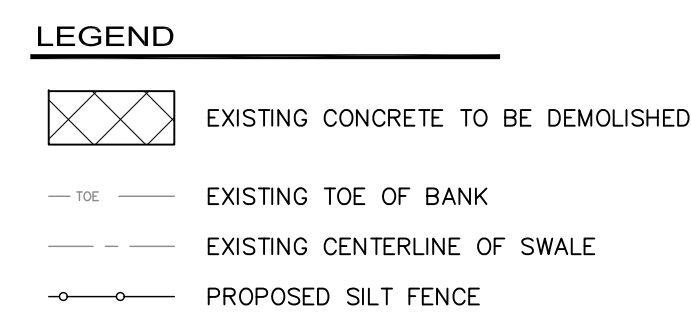
INSTALLATION WITHOUT TRENCHING
N.T.S.



TRENCH DETAIL
N.T.S.

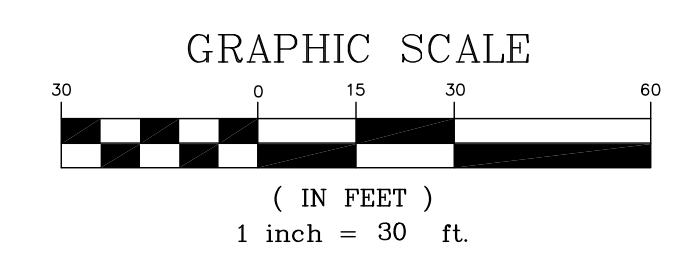


SILT FENCE DETAIL
N.T.S.



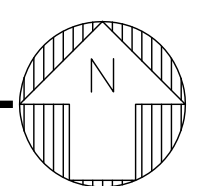
LEGEND

- EXISTING CONCRETE TO BE DEMOLISHED
- EXISTING TOE OF BANK
- EXISTING CENTERLINE OF SWALE
- PROPOSED SILT FENCE



DEMOLITION AND EROSION CONTROL AND DETAILS PLAN

SCALE : 1" = 30'



72 HOURS BEFORE DIGGING
CALL TOLL FREE
811
KNOW WHAT'S BELOW

16-0107