ENERGY COVE WAREHOUSE FOR WIGGINS CONSTRUCTION COMPANY ENERGY COVE, GREEN COVE SPRINGS, FL 32043

PROJECT OWNER AND CONSULTANTS

OWNER: A2W GCS, LLC, 91 Branscomb Road, Suite 17 Green Cove Springs, FL 32043 TEL: 904-214-7999 SURVEYOR: Bartram Trail Surveying, INC. 1501 CR 315, Suite 106 Green Cove Springs, FL 32043 TEL: (904) 284-2224 ENGINEER: Tocoi Engineering, LLC John Mahoney, P.E. 714 North Orange Avenue Green Cove Springs, FL 32043 TEL: 904-215-1388

CLAY COUNTY



LOCATION MAP NTS

TE JOB NO:

22-549



CALL BEFORE YOU DIG 800-432-4770 AND 904-269-6359

C Engineering, LLC

714 NORTH ORANGE AVENUE, GREEN COVE SPRINGS, FL 32043 E.B. NUMBER: 26383 PH: 904-215-1388 "TURNING YOUR IDEAS INTO REALITY" www.tocoi.com

> PRELIMINARY PLANS May 19, 2023

INDEX OF DRAWINGS

- COVER SHEET
- 2 GENERAL NOTES
- **EXISTING GROUND** 3
- EXISTING DRAINAGE MAP
- GEOMETRY PLAN 5
- GRADING PLAN 6
- DRAINAGE PLAN 7
- SIGNAGE & PAVEMENT MARKING PLAN 8
- UTILITY PLAN 9
- PAVING, GRADING & DRAINAGE DETAILS 10
- 11 EROSION CONTROL DETAILS
- SWPPP CONTRACTOR REQUIREMENTS 12
- SWPPP CONTRACTOR CERTIFICATION 13

GENERAL NOTES:

- 1. ALL WORK AND MATERIALS SHALL BE IN COMPLETE ACCORDANCE WITH ALL RELATIVE SECTIONS OF THE CITY OF GREEN COVE SPRINGS (G.C.S.) & GREEN COVE SPRINGS PUBLIC WORKS (G.C.S.P.W.) STANDARDS, (LATEST REVISION) AND ALL CURRENT CITY & G.C.S.P.W. DETAILS AS WELL AS ALL APPLICABLE STATE AND LOCAL REGULATIONS THE WORK SHALL ALSO BE PERFORMED AND TESTED IN ACCORDANCE WITH THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL INVESTIGATION REPORT PROVIDED BY XXXXXXX XXXXXXX PROJECT No. XXXXXXXX. IF MORE STRINGENT THAN CITY OF G.C.S. REQUIREMENTS.
- ALL WORK SHALL BE PERFORMED IN A SAFE MANNER. ALL SAFETY RULES AND GUIDELINES OF 2. O.S.H.A. SHALL BE FOLLOWED. THE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR ANY INJURIES OF HIS EMPLOYEES, AND ANY DAMAGE TO PRIVATE PROPERTY OR PERSONS DURING THE COURSE OF THIS PROJECT. ALL COSTS ASSOCIATED WITH COMPLYING WITH O.S.H.A. REGULATIONS AND THE FLORIDA TRENCH SAFETY ACT MUST BE INCLUDED IN THE CONTRACTORS
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE JOB SITE PRIOR TO PREPARING THE BID FOR THE PURPOSE OF FAMILIARIZING HIMSELF WITH THE NATURE AND THE EXTENT OF THE WORK AND LOCAL CONDITIONS, EITHER SURFACE OR SUBSURFACE, WHICH MAY AFFECT THE WORK TO BE PERFORMED, AND THE EQUIPMENT, LABOR AND MATERIALS REQUIRED. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF COMPLETE PERFORMANCE UNDER THIS CONTRACT. THE CONTRACTOR IS ALSO URGED TO TAKE COLOR PHOTOGRAPHS ALONG THE ROUTE OF THE PROJECT TO RECORD EXISTING CONDITIONS PRIOR TO CONSTRUCTION, AND TO AID IN RESOLVING POSSIBLE FUTURE COMPLAINTS THAT MAY OCCUR DUE TO THE CONSTRUCTION OF THE PROJECT.
- 4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO EITHER CONDUCT ANY FIELD EXPLORATION OR ACQUIRE ANY GEOTECHNICAL ASSISTANCE REQUIRED TO ESTIMATE THE AMOUNT OF UNSUITABLE MATERIAL THAT WILL REQUIRE REMOVAL AND/OR TO ESTIMATE THE AMOUNT OF OFF SITE BORROW THAT WILL BE REQUIRED.
- 5. ALL IMPROVEMENTS SHOWN ARE TO BE WARRANTED BY THE CONTRACTOR TO THE DEVELOPER AND CITY OF G.C.S. FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY THE OWNER AND CITY OF G.C.S.,
- 6. ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929 (N.G.V.D.) UNITED STATES COASTAL AND GEODETIC SURVEY (U.S.C. & G.S.), AS DETERMINED BY EILAND AND ASSOCIATES, INC.
- 7. FOR BOUNDARY, ROADWAY AND LOT GEOMETRY INFORMATION SEE PLAT.
- 8. THE CONTRACTOR WILL CONTRACT WITH AN INDEPENDENT TESTING LABORATORY TO PERFORM MATERIAL TESTING AND SOIL TESTING IN ACCORDANCE WITH CITY OF G.C.S. AND/OR G.C.S.P.W. REQUIREMENTS. THIS SHALL INCLUDE DENSITY TESTS IN ALL PAVEMENT AREAS AND IN ALL UTILITY TRENCHES LOCATED IN PAVEMENT AREAS CONCRETE TESTING AND ALL OTHER MATERIAL TESTING. PRIOR TO LIMEROCK PLACEMENT, THE PROJECT GEOTECHNICAL ENGINEER SHALL MAKE RECOMMENDATION FOR UNDER DRAIN PLACEMENT.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE REQUIRED FOR THE PROJECT INCLUDING CITY RIGHT-OF-WAY PERMITS FOR WORK IN CITY OF G.C.S. RIGHT-OF-WAY OR EASEMENT.
- 10. THE CONTRACTOR SHALL COORDINATE THE WORK WITHIN CITY OF G.C.S. OR STATE RIGHT-OF-WAY WITH THE PROPER AGENCIES FOR MAINTENANCE OF TRAFFIC AND METHOD OF CONSTRUCTION AND REPAIR
- 11. ALL PUBLIC DRAINAGE EASEMENTS SHALL BE "UNOBSTRUCTED" EASEMENTS. ALL "UNOBSTRUCTED" EASEMENTS TO BE CLEAR AND DRIVEABLE.
- "AS-BUILT" DRAWINGS AS-BUILTS TO CITY OF G.C.S. AND THE ST. JOHNS RIVER WATER 12. MANAGEMENT DISTRICT ARE REQUIRED TO BE SIGNED AND SEALED BY A FLORIDA REGISTERED LAND SURVEYOR THEREFORE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTRACT WITH A LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA FOR THE PREPARATION, FIELD LOCATIONS, CERTIFICATION AND SUBMITTAL OF "AS-BUILT" DRAWINGS IN ACCORDANCE WITH CURRENT CITY OF G.C.S. & G.C.S.P.W. STANDARDS AND SPECIFICATIONS AND SJRWMD REGULATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROCESS THE "AS-BUILT" DRAWINGS FOR APPROVAL BY CITY OF G.C.S..
- 13. THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION WITH ALL OTHER CONTRACTORS. IN THE EVENT OF ANY CONFLICT WHATSOEVER, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND OWNER PRIOR TO PROCEEDING WITH CONSTRUCTION.
- 14. ALL CLEARING AND GRUBBING REQUIRED FOR ALL ROADWAY, UTILITIES, DITCHES, AND BERMS INCLUDED IN THIS PROJECT AND THE CLEARING AND GRUBBING OF ALL RIGHT-OF-WAY OR EASEMENTS SHALL BE CONSIDERED AS PART OF THE PROJECT.
- 15. ALL AREAS SHOWN TO BE FILLED SHALL BE CLEARED AND GRUBBED IN ACCORDANCE WITH CITY OF G.C.S. STANDARDS AND SHALL BE FILLED WITH CLEAN STRUCTURAL FILL COMPACTED AND TESTED IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION REPORT.
- 16. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL SURVEY AND PROPERTY MONUMENTS. IF A MONUMENT IS DISTURBED, THE CONTRACTOR SHALL CONTRACT WITH THE SURVEYOR OF RECORD FOR REINSTALLATION OF THE MONUMENT.
- 17. ALL DEBRIS RESULTING FROM ALL ACTIVITIES SHALL BE DISPOSED OF OFF-SITE BY CONTRACTOR
- 18. ALL EXCESS SUITABLE AND UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR UNLESS DIRECTED OTHERWISE BY ENGINEER OR OWNER.
- 19. ALL EXISTING TREES TO REMAIN SHALL BE PRESERVED AND PROTECTED.
- BURNING OF TREES, BRUSH AND OTHER MATERIAL SHALL BE APPROVED, PERMITTED AND 20. COORDINATED WITH CITY OF G.C.S. FIRE MARSHAL.

- 21. ROADWAY UNDER DRAINS SHALL BE AS REQUIRED ON THE PLANS OR AS MAY BE DETERMINED NECESSARY BY THE GEOTECHNICAL ENGINEER DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF HIGH GROUND WATER CONDITIONS ARE PRESENT DURING THE PREPARATION OF THE ROADWAY SUB-BASE. CITY OF G.C.S. WILL RESERVE THE RIGHT TO REQUEST ADDITIONAL UNDER DRAIN AS DEEMED NECESSARY.
- 22. CONTRACTOR SHALL PROVIDE CONTRACTION JOINTS AT 10' INTERVALS AND EXPANSION JOINTS SHALL BE CONSTRUCTED AT 50' INTERVALS AND AT ALL RADIUS POINTS ON ALL CURBING.
- 23. CONTRACTOR SHALL PROVIDE EXPANSION JOINTS AT 18' INTERVALS AND CONTRACTION JOINTS SHALL BE SPACED AT 6' INTERVALS BETWEEN EXPANSION JOINTS.
- 24. MAINTENANCE OF TRAFFIC SHALL CONFORM TO F.D.O.T. STANDARD INDEX 600, LATEST EDITION.
- 25. ALL SIGNING AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH F.D.O.T. STANDARD INDEXES 11860, 17346, AND 17352.
- WHERE RCP IS CALLED OUT IN THE PLANS CONTRACTOR MAY SPECIFY RCP. OR HDPE 26. FOR APPROVAL BY ENGINEER OF RECORD.
- 27. ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH THE PROPOSED ROADWAY/SITE DEVELOPMENT SHALL BE REMOVED BY THE CONTRACTOR UTILIZING THE HYDRO-BLASTING METHOD.

UTILITY NOTES:

- 1. THE LOCATION OF ALL EXISTING UTILITIES, STRUCTURES AND IMPROVEMENTS SHOWN ON THE DRAWINGS IS BASED ON LIMITED INFORMATION AND MAY NOT HAVE BEEN VERIFIED. THE LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL NOTIFY RESPECTIVE UTILITY OWNERS AND FIELD VERIFY LOCATIONS OF EXISTING UTILITIES AND OTHER IMPROVEMENTS PRIOR TO COMMENCING ANY CONSTRUCTION. IF THE LOCATIONS SHOWN ARE CONTRARY TO THE ACTUAL LOCATIONS, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF THE DISCREPANCY. THIS DISCREPANCY SHOULD BE RESOLVED PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING IN AREAS NEAR EXISTING UTILITIES AND IMPROVEMENTS AND SHALL BE RESPONSIBLE FOR AND SHALL REPAIR OR PAY FOR ALL DAMAGE MADE TO EXISTING UTILITIES OR OTHER IMPROVEMENTS. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. THE CONTRACTOR SHALL VERIFY ALL GRADES, INVERTS AND TYPE OF MATERIAL OF EXISTING UTILITIES TO WHICH HE SHALL CONNECT.
- 2. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL MATERIALS, IF REQUIRED, TO THE ENGINEER FOR REVIEW AND APPROVAL, PRIOR TO SUBMITTAL TO CITY OF G.C.S. & G.C.S.P.W., AND PRIOR TO PURCHASE OR CONSTRUCTION OF ANY UTILITY PIPE OR STRUCTURE.
- 3. ALL PIPE LENGTHS ARE SCALED DIMENSIONS. ALL DRAINAGE STRUCTURES SHALL BE CONSTRUCTED TO CONFORM WITH CITY OF G.C.S. REQUIREMENTS AND SHALL BE CONSTRUCTED TO CONFORM WITH CURBING, PROPERTY LINES AND LOW POINTS AS SHOWN ON THE PLANS.
- 4. CONTRACTOR SHALL INSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEAN AND FUNCTIONING PROPERLY AT TIME OF ACCEPTANCE.
- 5. ALL DRAINAGE STRUCTURES TO HAVE TRAFFIC BEARING GRATES.
- 6. ALL DRAINAGE PIPE JOINTS IN CITY OF G.C.S. DRAINAGE EASEMENTS, DRAINAGE EASEMENTS BETWEEN PRIVATE LOTS, DRAINAGE RIGHT-OF-WAYS AND UNDER PAVED ROADS ARE TO BE FILTER-WRAPPED
- 7. ALL INVERTS IN DRAINAGE STRUCTURES TO BE PRE CAST OR BRICK WITH LAYER OF MORTAR BETWEEN EACH LAYER OF BRICK. OR REDDI-MIX CONCRETE WITH #57 STONE.
- 8. UNSUITABLE MATERIALS UNDER WATER, SEWER PIPE, STORM PIPE OR STRUCTURES SHALL BE REMOVED AND REPLACED WITH SELECTED BACKFILL, PROPERLY COMPACTED.
- 9. ALL UNDERGROUND UTILITIES MUST BE INSTALLED PRIOR TO PREPARATION OF SUB GRADE FOR PAVEMENT.
- 10. ALL WATER AND SEWER CONSTRUCTION WITHIN CITY OF G.C.S. SHALL BE ACCOMPLISHED BY AN UNDERGROUND UTILITY CONTRACTOR LICENSED UNDER THE PROVISIONS OF CHAPTER 489
- 11. CONTRACTOR SHALL PROVIDE, TO THE ENGINEER, A SCHEDULE OF INVERT ELEVATIONS OF ALL SANITARY MANHOLES & DRAINAGE STRUCTURES PRIOR TO THE PLACEMENT OF THE LIME ROCK BASE COURSE. THIS SCHEDULE TO BE PROVIDED BY THE REGISTERED LAND SURVEYOR SUBMITTING THE "AS BUILT" DRAWINGS FOR THIS PROJECT.
- 12. WATER AND SEWER LINES ARE DESIGNATED TO FINISHED GRADES AND SHALL BE PROTECTED UNTIL FINISHED WORK IS COMPLETE.
- 13. HORIZONTAL SEPARATION BETWEEN WATER MAINS, VALVES, FITTINGS AND SANITARY OR STORM SEWER SHALL BE A MINIMUM OF 10 FEET OR IN ACCORDANCE WITH THE F.D.E.P. REGULATIONS AND G.C.S.P.W. STANDARD DETAILS.
- ALL WATER LINE CROSSINGS SHALL HAVE A FULL LENGTH OF PIPE CENTERED OVER THE EXISTING UTILITY MAIN TO PROVIDE MAXIMUM JOINT SPACING AT CROSSINGS. WATER MAINS CROSSING SANITARY AND STORM SEWER LINES, AS WELL AS VALVES AND FITTINGS, MUST HAVE A MINIMUM 18" VERTICAL SEPARATION. IF THIS SEPARATION CANNOT BE OBTAINED. THE WATER MAIN MUST BE CONSTRUCTED OF DUCTILE IRON PIPE FOR A DISTANCE OF 10' EITHER SIDE OF THE SANITARY OR STORM SEWER MAIN, OR INSTALL WATER MAIN IN D.I. SLEEVE MIN. LENGTH 20' CENTERED, ENDS OF SLEEVE TO BE GROUT FILLED, IN EITHER CASE, MINIMUM OF 6" OF VERTICAL SEPARATION SHALL BE MAINTAINED.
- 15. MECHANICAL RESTRAINING DEVICES ARE REQUIRED IN ACCORDANCE WITH UTILITY COMPANY STANDARDS WHERE WATER MAINS ARE TERMINATED AND AT ALL BENDS AND TEES.
- 16. ALL ELECTRIC CONDUIT WORK SHALL BE COMPLETED PRIOR TO THE PRESSURE TESTING OF WATER AND SEWAGE FORCE MAINS.

- PRIOR TO ACCEPTANCE.

17. TELEVISION INSPECTION SHALL BE REQUIRED ON ALL GRAVITY SEWER MAINS. THIS SERVICE SHALL BE PROVIDED BY THE CONTRACTOR AS PART OF THE SANITARY SEWER CONTRACT. A FULL WRITTEN REPORT AS TO THE CONDITION OF THE PIPE WITH PERTINENT DATA SUCH AS DISTANCE BETWEEN MANHOLES, LOCATION OF SERVICES, ETC. SHALL BE SUBMITTED TO THE OWNER AND ENGINEER PRIOR TO ACCEPTANCE, AND ONE COPY OF THE VIDEO TAPE SHALL BE SUBMITTED TO CITY OF G.C.S.. ALL DEFECTIVE AREAS AND ITEMS SHALL BE REPLACED OR REPAIRED PRIOR TO FINAL ACCEPTANCE. ALL REPAIRED SECTIONS MUST BE REINSPECTED

18. ALL NEW AND/OR RELOCATED WATER MAIN PIPES AND FITTINGS SHALL NOT CONTAIN MORE THAN EIGHT PERCENT LEAD AND ALL PACKING AND JOINT MATERIALS USED IN THE JOINTS SHALL CONFORM WITH ALL APPLICABLE AWWA STANDARDS. ALL NEW AND/OR RELOCATED WATER SERVICES AND PLUMBING SHALL CONTAIN NO MORE THAN EIGHT PÉRCENT LEAD AND ALL SOLDERS AND FLUX SHALL CONTAIN NO MORE THAN 0.2 PERCENT LEAD.

19. IF SOLVENT CONTAMINATION IS FOUND IN THE PIPE TRENCH, WORK SHALL BE STOPPED AND THE PROPER AUTHORITIES NOTIFIED. WITH APPROVAL OF THE PERMITTING AGENCY, DUCTILE FITTINGS AND SOLVENT RESISTANT GASKET MATERIAL SHALL BE USED IN THE CONTAMINATED AREA. THE DUCTILE IRON PIPE SHALL EXTEND AT LEAST 100 FEET BEYOND ANY SOLVENT NOTED.

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ENERGY COVE WEREHOUSE	WIGGINS CONSTRUCTION COMPANY	GREEN COVE SPRINGS GENERAL NOTES
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CITY GENERAL REQUIREMENTS:

CITY OF G.C.S. DEPARTMENT OF ENGINEERING REQUIRES TWENTY-FOUR (24) HOUR NOTICE ON ALL MEETINGS AND OR TESTING MEASURES RELATED TO SAID PROJECT.

CONSTRUCTION WARNING SIGNS ARE TO BE POST MOUNTED AND ERECTED BEFORE CONSTRUCTION CAN COMMENCE. THESE AND ALL TRAFFIC CONTROL DEVICES SHALL FOLLOW THE STANDARDS SET FORTH BY THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS WELL AS THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD INDEXES.

3. ALL SUB BASE SHALL BE FIRM AND UNYIELDING.

ALL JOINTS OF PIPE, REGARDLESS OF MATERIAL TYPE, SHALL BE WRAPPED WITH FABRIC FILTER CLOTH PER FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD INDEX 280.

ALL DISTURBED CITY OF G.C.S. RIGHTS-OF-WAY SHALL BE SODDED TO THE DISCRETION AND APPROVAL OF THE CITY OF G.C.S. ENGINEERING DEPARTMENT.

THE CURB SHALL BE CHECKED FOR FLOW DESIGN AT ANY STAGE OF THE PROJECT. A 6 WATER TRUCK IS TO BE PROVIDED AT THE FINAL INSPECTION IN ORDER TO CHECK FLOW DFSIGN.

ALL UNDER DRAIN LINES SHALL HAVE A FORTY-FIVE DEGREE CLEAN OUT AT TWO HUNDRED FOOT (200') INTERVALS AND AT THE END OF THE RUN. THE CURB SHALL BE MARKED WITH TEAL OR HUNTER GREEN PAINT AS TO THE LOCATION OF THE CLEAN OUT.

HANDICAP RAMPS SHALL BE INSTALLED WHEREVER THE SIDEWALK MEETS THE CURB. 8.

9 ALL INFORMATION REQUESTED BY THE CITY SHALL BE IN HAND AT THE TIME OF THE FINAL INSPECTION. NO CONDITIONAL CERTIFICATES OF OCCUPANCY SHALL BE GIVEN.

10. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO EXCAVATION AND TAKE ALL MEASURES NECESSARY TO PROTECT UTILITIES DURING CONSTRUCTION. SHOULD ANY UTILITY LINE OR COMPONENT BECOME DAMAGED OR REQUIRE RELOCATION THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE RESPONSIBLE UTILITY COMPANY, THE ENGINEER, AND THE CITY.

11. ALL SWALE SECTIONS ARE TO BE SODDED.

12. ALL DEVELOPER OR CONTRACTOR INSTALLED SIDEWALKS SHALL BE INSTALLED PRIOR TO THE FINAL INSPECTION.

13. A COPY OF THE CONTRACTORS' GENERAL LICENSE AND OR UNDER GROUND UTILITY LICENSE SHALL BE PROVIDED AT THE TIME OF THE PRE-CONSTRUCTION CONFERENCE.

14. ANY APPLICABLE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (SJRWMD) OR FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) PERMITS SHALL BE PROVIDED TO THE CITY BY THE PRE-CONSTRUCTION CONFERENCE. NO WORK SHALL BEGIN WITHOUT ALL APPLICABLE PERMITS ON FILE.

15. THE CONTRACTOR MUST OBTAIN APPROVAL FROM THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (SJRWMD) BEFORE THE CITY WILL ACCEPT THE PROJECT.

16. THERE SHALL BE A MINIMUM THREE (3) DAYS NOTICE GIVEN FOR SCHEDULING THE FINAL INSPECTION.

AT THE FINAL INSPECTION, A LETTER OF COMPLIANCE, PROVIDED BY THE CITY, WILL NEED TO BE FILLED OUT AND SIGNED THE STATE OF FLORIDA REGISTERED PROFESSIONAL ENGINEER OF RECORD.

18. FIVE (5) DAYS PRIOR TO THE FINAL INSPECTION TWO (2) SETS OF BLUE LINE AS-BUILTS AND ONE (1) COPY ON DISK IN AUTOCAD FORMAT SHOWING THE FOLLOWING SHALL BE SUBMITTED:

CITY EROSION CONTROL NOTES:

19. PURSUANT TO COMPREHENSIVE PLAN POLICY 9:1 OF THE CONSERVATION ELEMENT, THE USE OF ONE OR MORE EROSION CONTROL MEASURES, AS REQUESTED BY THE CITY OF G.C.S. ENGINEERING DEPARTMENT, SHALL BE USED DURING CONSTRUCTION. THESE WILL BE, BUT NOT LIMITED TO, ITEMS SUCH AS TEMPORARY GRASS COVER, SEDIMENT BASINS OR PONDS, MULCHING, TEMPORARY FENCES, DIVERSION CHANNELS AND HAY BALES.

20. PURSUANT TO COMPREHENSIVE PLAN POLICY 9:1 OF THE CONSERVATION ELEMENT, SCHEDULING OF CONSTRUCTION SHALL BE GIVEN SPECIAL CONSIDERATION TO MINIMIZE EXPOSURE OF BARE SOIL. THE CONTRACTOR WILL FORMULATE A CONSTRUCTION SCHEDULE TO BE GIVEN TO THE CITY REPRESENTATIVE.

21. THE CONTRACTOR SHALL CHECK EACH DAY TO INSURE THAT ALL EROSION CONTROL DEVICES ARE IN PLACE AND WORKING PROPERLY.

22. ALL EROSION CONTROL MEASURES SHALL BE IN COMPLIANCE WITH THE RULES, REGULATION AND STANDARDS OF THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (SJRWMD), THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) AND THE UNITED STATES ARMY CORP OF ENGINEERS.

23. THE CONTRACTOR SHALL TAKE WHATEVER MEANS NECESSARY TO PREVENT THE EROSION OF SOIL AND DEPOSITION OF SEDIMENT ON ADJACENT AND DOWNSTREAM PROPERTIES.

24. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION.

CITY PUBLIC SAFETY NOTES:

25. BLUE, ALL-DIRECTIONAL HIGHWAY-STYLE REFLECTIVE MARKERS SHALL BE PROVIDED ON ALL ROADWAYS, ALLEYS, ACCESS ROADS AND ALL PAVED AREA IN FRONT OF EACH HYDRANT. SAID MARKERS SHALL BE LOCATED IN THE LANE OF TRAVEL ON THE SAME SIDE AS THE HYDRANT. THESE MARKERS SHALL BE IN PLACE AT THE TIME OF FINAL INSPECTION OR APPROVAL.

26. A DISK SHALL BE PROVIDED, IN AUTOCAD FORMAT, SHOWING THE LOCATION OF ALL FIRE HYDRANTS BEFORE FINAL APPROVAL.

PAVING, DRAINAGE AND CONSTRUCTION NOTES:

27. ALL UNSUITABLE MATERIAL SHALL BE REMOVED TWO FEET (2') BEYOND THE BACK OF CURB AND TWO FEET (2') BELOW FINISHED GRADE.

28. COMPACTION DENSITIES FOR ALL ROADWAY CROSSINGS ARE TO BE TAKEN IN ONE-FOOT (1') LIFTS. STORM SEWER PIPE DENSITIES WILL START AT THE HAUNCHES OF THE PIPE AND BE TAKEN EVERY 6" UNTIL IT HAS REACHED 1' ABOVE THE PIPE.

29. IF UNSUITABLE MATERIAL IS FOUND WITHIN THE LIMITS OF THE ROAD OR IF MATERIAL IS HAULED IN FOR ROADWAY FILL AT A DEPTH GREATER THAN ONE-FOOT (1') THEN THE ENTIRE ROADWAY SHALL BE UNDER DRAINED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND INSTALLED PER THE APPROVED CITY OF G.C.S. DETAIL.

30. ALL STORM SEWER PIPES SHALL BE CUT FLUSH WITH THE INTERIOR WALL OF ANY TYPE MANHOLE OR CURB AND DITCH BOTTOM INLETS.

31. COMPACTION DENSITY TESTS FOR ALL WATER AND SEWER CROSSINGS WILL START THREE FEET (3') ABOVE THE PIPE.

32. COMPACTION DENSITY TESTS FOR ALL WATER AND SEWER CROSSINGS WILL START AT THE SPRING LINE OF THE PIPE

33. IF THE APPROVED DESIGN REQUIRED THE INLET OR STORM RUN TO BE SURCHARGED, ALL INLETS SHALL BE INSPECTED BEFORE BEING EXPOSED TO THE SYSTEM.

34. TEST CYLINDERS SHALL RUN FOR ALL CONCRETE STRUCTURES. THERE WILL BE THREE (3) TESTS PER EACH DAY POUR WITH ONE (1) AT SEVEN (7) DAY BREAK, AND TWO (2) TWENTY-EIGHT (28) DAY BREAKS.

35. THE ASPHALT SHALL BE CORED FOR THICKNESS AND WILL BE GIVEN A ONE-QUARTER INCH (1/4") TOLERANCE. IF HOWEVER THE CITY'S REPRESENTATIVE IS PRESENT AT POUR AND FEELS COMFORTABLE WITH THE REQUIREMENTS THEN HE OR SHE MAY WAVE THIS POLICY.

36. LBR'S FOR SUBGRADE AT FORTY (40) AND LIME ROCK OR ALTERNATIVE BASE COURSE AT ONE HUNDRED (100). THERE WILL BE NO UNDER TOLERANCE.

37. ALL MATERIAL USED FOR BACK FILL SHALL BE SAND (A3) FREE DRAINING.

38. THERE ARE TO BE NO OPENED TRENCHES AT DAY'S END.

39. ALL DIRT AND DEBRIS TRACKED OUT OF THE PROJECT SHALL BE CLEANED DAILY AND TO THE DISCRETION OF THE CITY OF G.C.S. ENGINEERING DEPARTMENT.

SIGNING AND PAVEMENT MARKING NOTES:

40. ALL SIGNS MUST MEET THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARDS FOR ENGINEERING GRADE SIGN FACES IN REFLECTIVITY.

41. ALL FINAL PAVEMENT MARKINGS WITHIN THE RIGHTS-OF-WAY SHALL BE THERMOPLASTIC.

42. ALL SIGNS SHALL BE ON A TEN-FOOT (10') POLE A MINIMUM OF SEVEN FEET (7') FROM THE GROUND.

43. STREET SIGNS SHALL BE MOUNTED WITH TEE CAPS.

44. STREET SIGNS SHALL BE SIX INCHES (6") WIDE WITH GREEN BACKINGS AND WHITE LETTERS AND BORDERING

45. STOP SIGNS SHALL BE A MINIMUM TWENTY-FOUR INCH BY TWENTY-FOUR INCH (24" X 24").

46. STOP SIGNS ARE TO BE PLACED FOUR FEET (4') FROM BACK OF CURB, FOR FEET (4') BEHIND CROSS WALKS AND ON THE RIGHT HAND SIDE OF THE ROAD.

47. STREET SIGNS ARE TO BE LOCATED ON THE LEFT HAND CORNER OF THE INTERSECTION FOUR FEET (4') FROM THE BACK OF CURB.

48. STREET / STOP SIGN COMBINATIONS ARE NOT ALLOWED.

49. ALL REGULATORY SIGNS SHALL BE BLACK AND WHITE. ALL CONSTRUCTION WARNING SIGNS SHALL BE ORANGE AND BLACK. ALL WARNING SIGNS SHALL BE YELLOW AND BLACK. ALL NO PARKING AND STOP SIGNS SHALL BE RED AND WHITE.

50. STOP BARS SHALL BE TWENTY-FOUR INCHES (24") WIDE AND LANE WIDTH. ALL STOP BARS SHALL BE THERMOPLASTIC.

51. ALL SIGNS SHALL BE SIDED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS.

52. ALL DETECTABLE WARNING PADS FOR ADA RAMPS ARE TO BE WET-SET MATS.

All documents and materials supplementing the signed and sealed documents are resources provided for clarification purposes only and do not supersede the signed and sealed documents. Engineer is not responsible for any deviations from the signed and sealed documents.

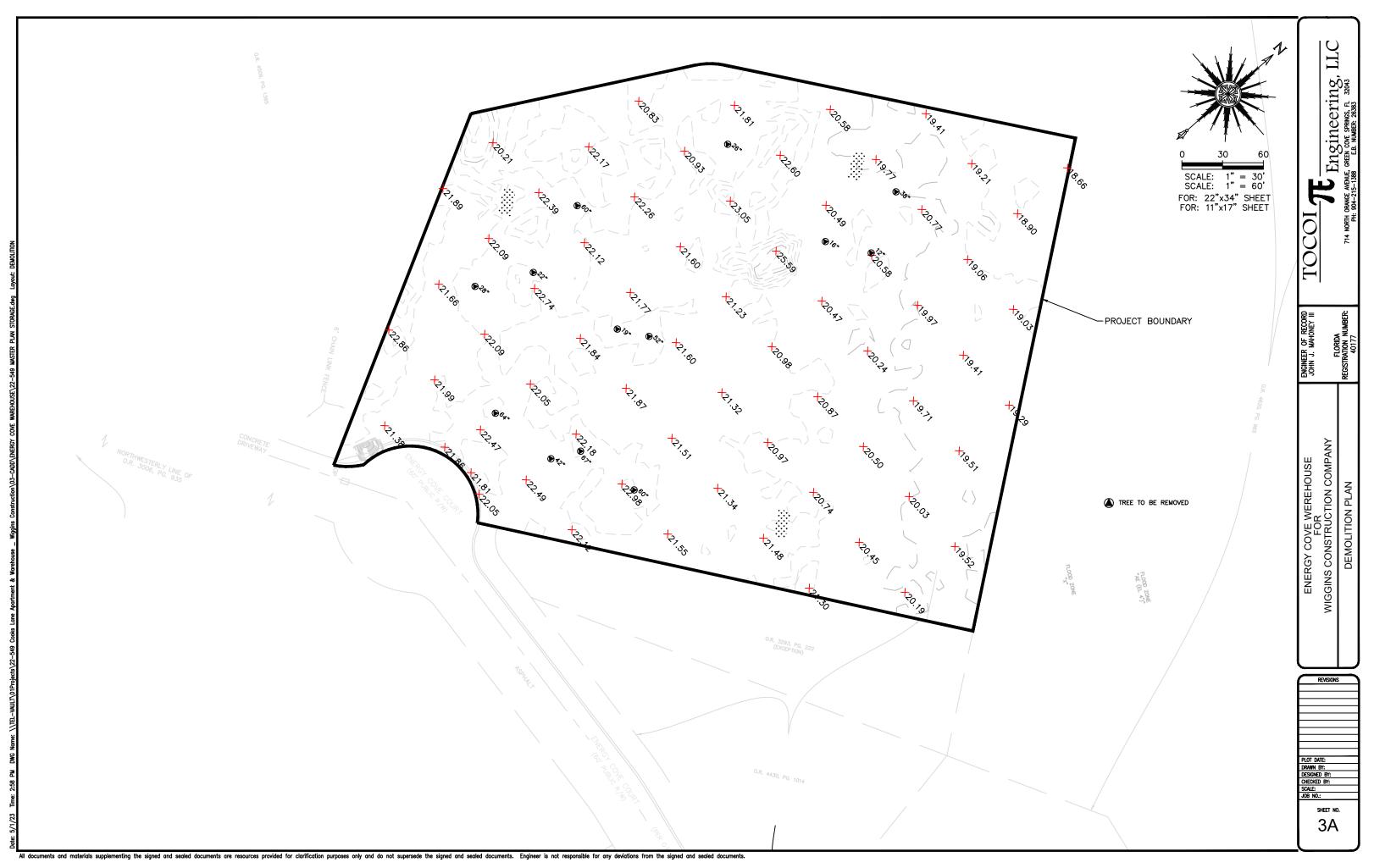
- CITY MAINTENANCE OF TRAFFIC:
- 5.3. AFTER ISSUANCE OF THE PERMIT, THE PERMITTEE SHALL NOTICY THE CITY PUBLIC WORKS DEPARTMENT A MINIMUM OF TWO BUSINESS DAYS PRIOR TO COMMENCING CONSTRUCTION. THIS NOTIFICATION WILL ALLOW FOR SCHEDULING OF INSPECTIONS.
- 54. IF A ROAD CLOSURE IS REQUIRED, THE PERMITTEE SHALL SUBMIT WITH THE PERMIT APPLICATION A MAINTENANCE OF TRAFFIC (MOT) PLAN TO INCLUDE ALL PROPOSED ROAD CLOSURES AND AN EXPECTED TIME DURATION FOR EACH CLOSING.
- RESCUE

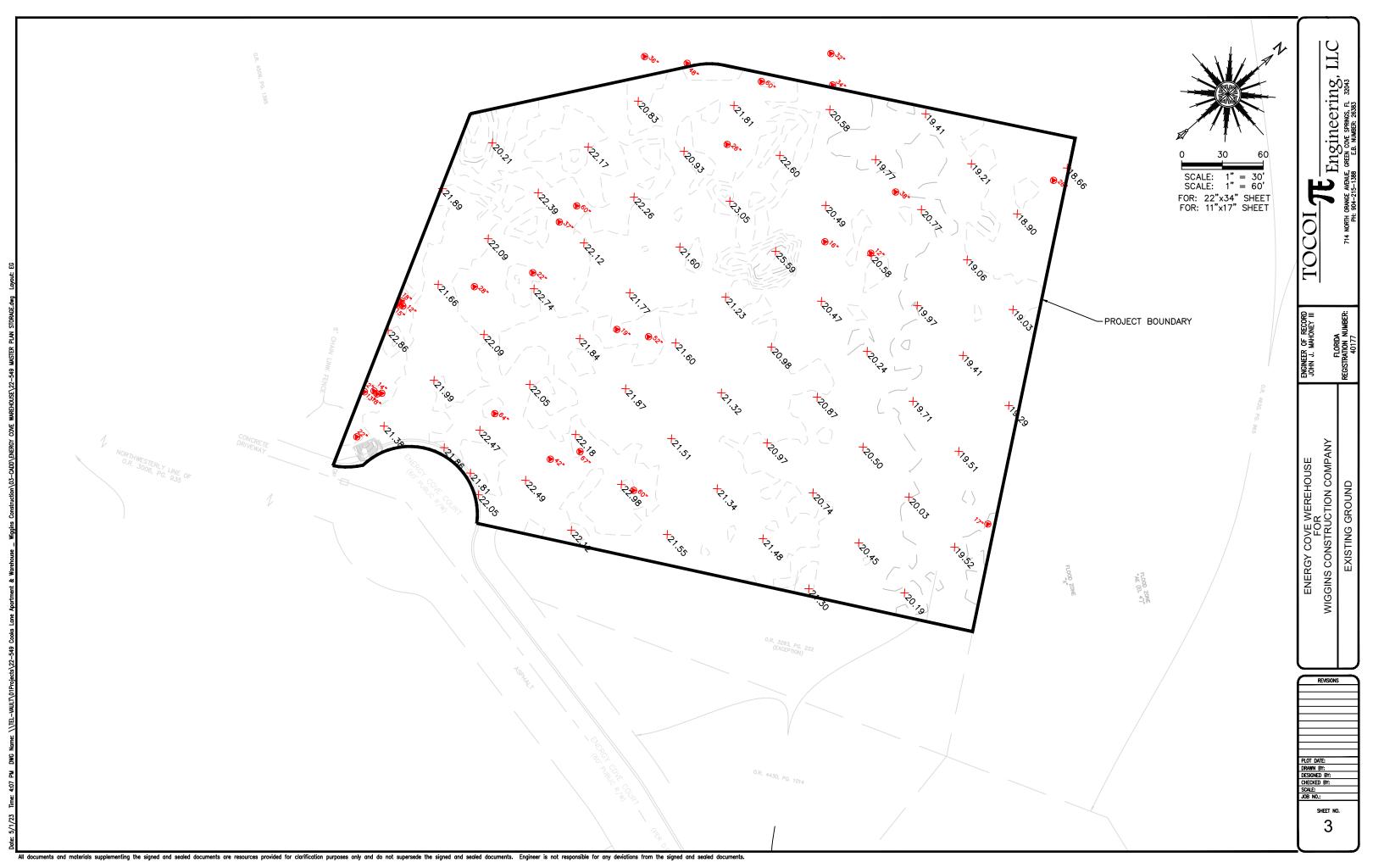
CITY AS-BUILT REQUIREMENTS:

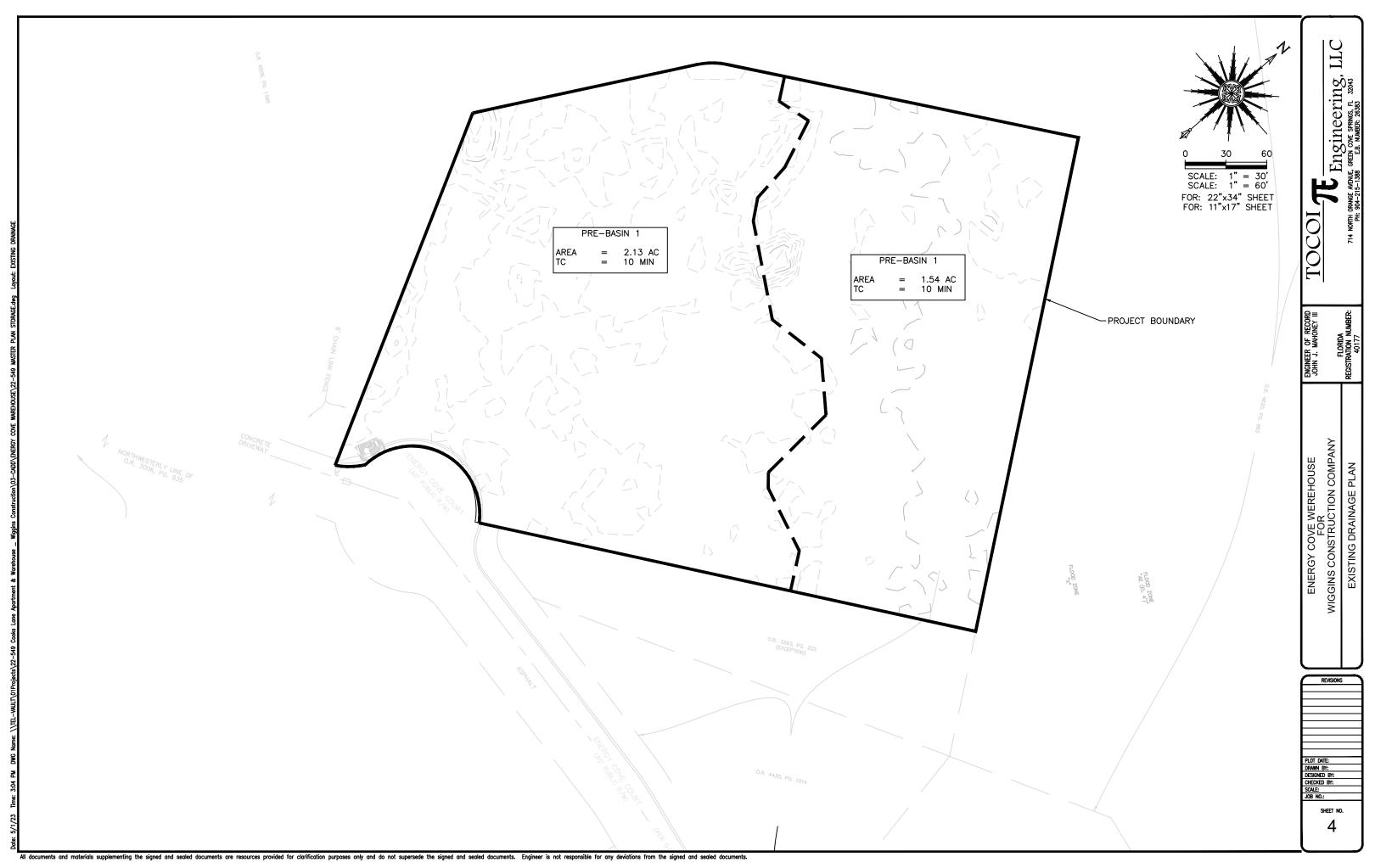
- 55. ROAD CLOSURES SHALL REQUIRE SEPARATE APPROVAL BY THE PUBLIC WORKS DEPARTMENT AND A MINIMUM OF THREE BUSINESS DAYS PRIOR NOTIFICATION BEFORE THE COMMENCEMENT OR CONSTRUCTION.
- 56. ROAD CLOSURES SHALL REQUIRE SEPARATE APPROVAL OF CLAY COUNTY FIRE AND
- 57. ROAD CLOSURES OF FEWER THAN 15 MINUTES SHALL NOT REQUIRE NOTIFICATION.

58. AS-BUILTS MUST BE SUBMITTED ON THE APPROVED GRADING.

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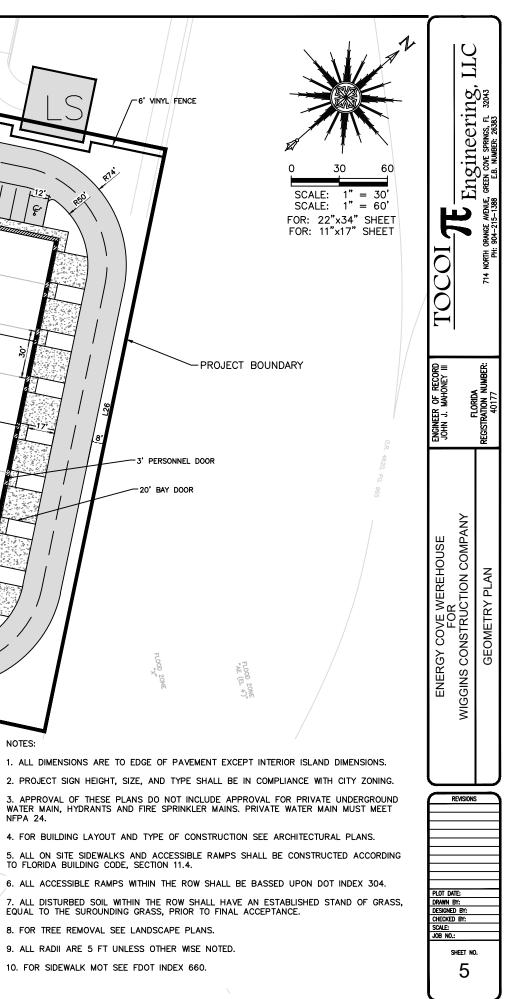


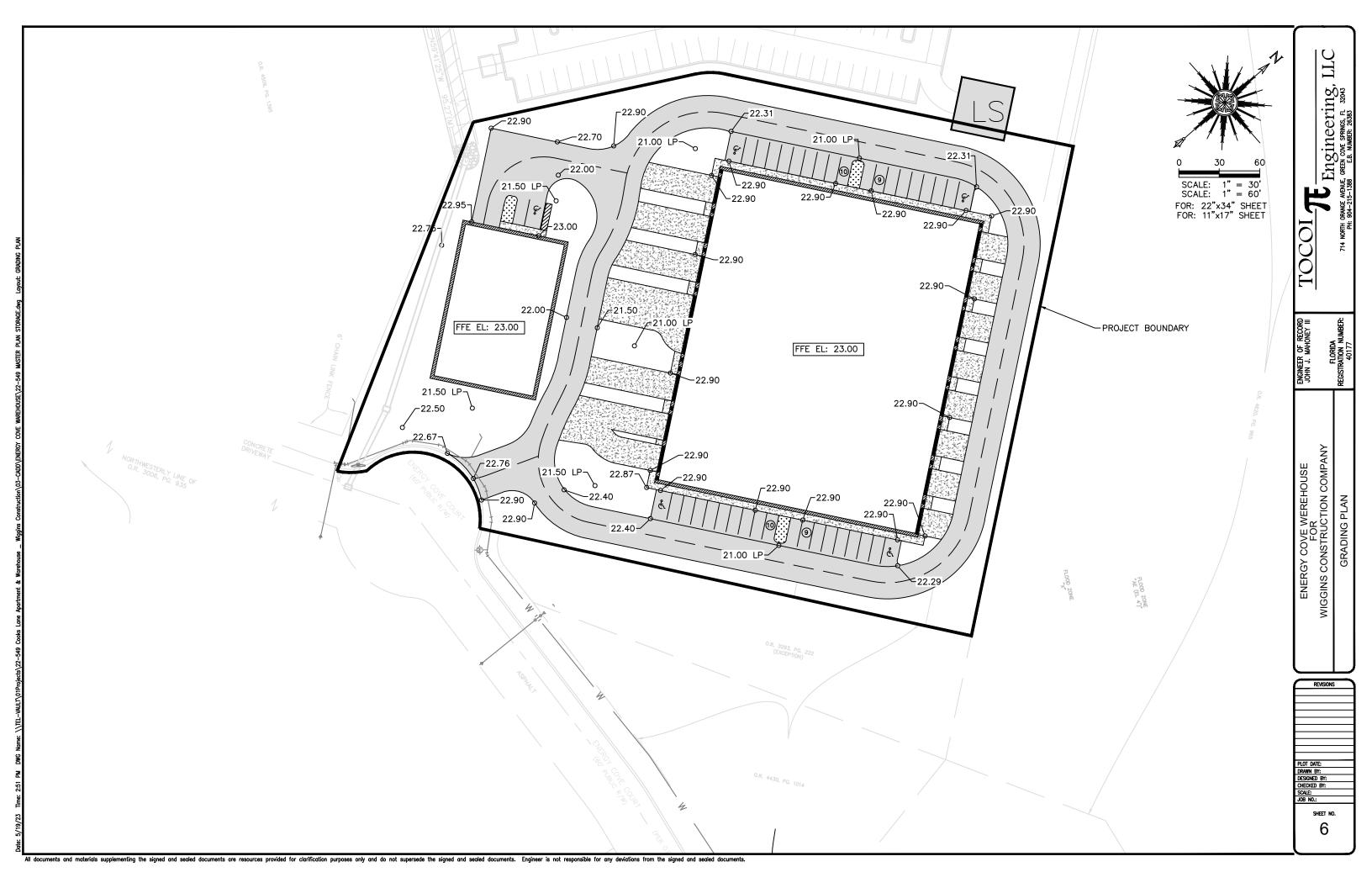


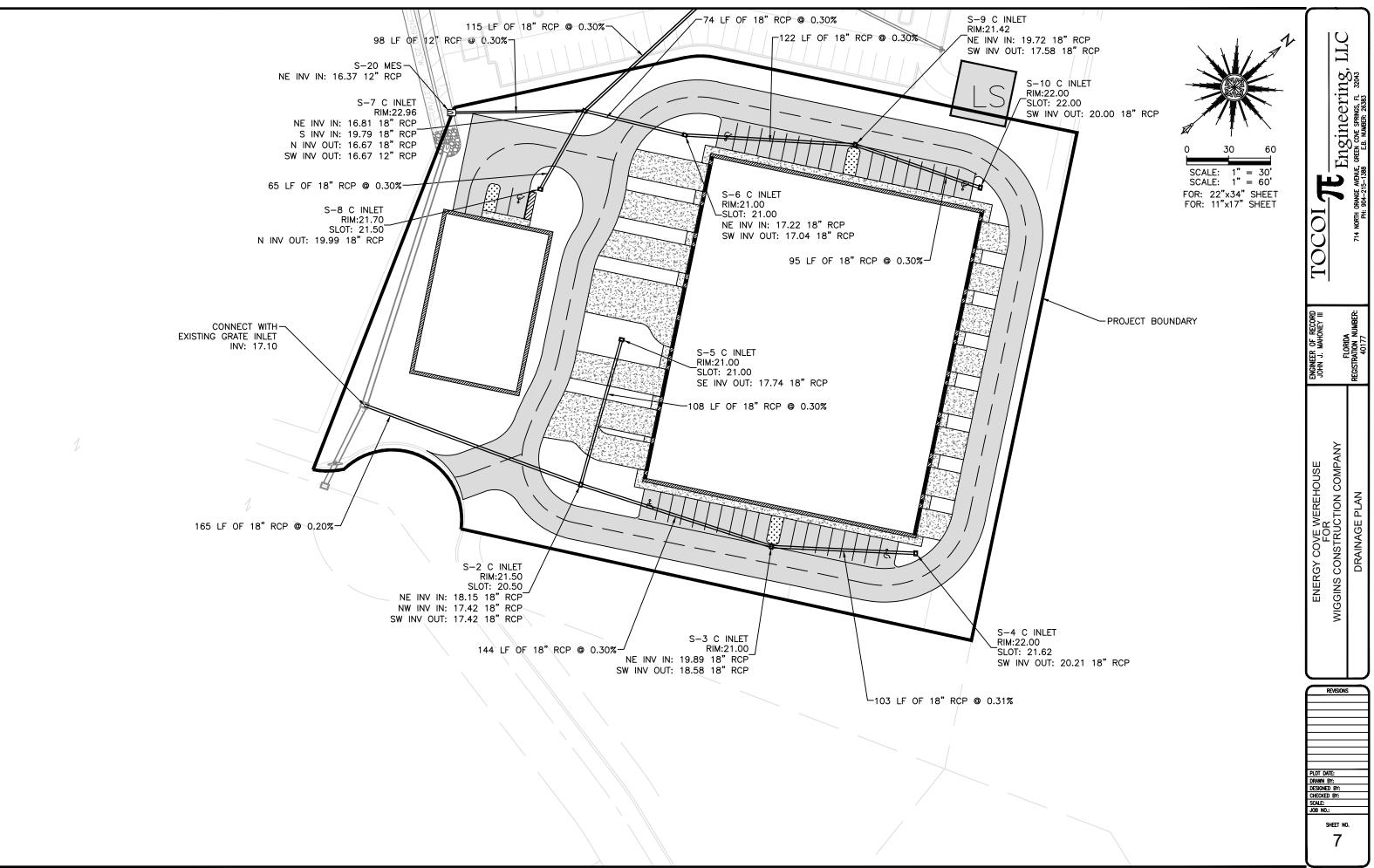
	PARCEL	LINE TAI	BLE			\mathbb{X}	L-h			18	C17		
			RING			95.2		L23		17A.		7	
	L22 264.0		15'06" W			TIME A			R30.	RSO:			
1	L23 169.3	37' S 30°1	18'34" W						0.	1	12		
1	L24 278.	59' S 26°	10'17" E			U					\ } }		TYP
1	L25 374.2	22' N 54°4	49'34" E					\frown	$\neg \neg $		- Canada		
,	L26 371.	56' N 35°4	14'54" W					$\left(\right)$	16'				
					-							-	
	PARCEL	CURVE	TABLE										
CURVE # LENGT	H RADIUS	DELTA	CH LENGTH	CH BEARING			1					-	
C15 22.32'	53.79'	23°46'09"	22.16'	N 41°49'16" E									
C16 123.14	49.85'	141°31'12"	94.14'	N 69°27'56" E		.[80'	10'					
C17 21.52'	52.32'	23°33'39"	21.36'	S 42°16'50" W	/	120,		T i	6	0'		240	
						K30.		1 10'	\sim				
1	NORTHWESTERLY O.R. 3006, PC	LINE OF	CONCRETE DRIVEWAY		C157	1000 C150		23					
MASTER AREAS TOTAL SITE		<u>) A T A</u> 160027		(3.67 Ac)	<u>C157</u>	Reference of the contract of t	F						<u> 9</u>
MASTER AREAS total site building area paving area (a:	PLAN [<u>)ATA</u> 160027 57, 42184	600 SQ. FT. 1.52 SQ. FT.	(1.32 Ac) (0.97 Ac)	C1577	The Point of the P						C.R. 3233	<u> 9</u>
MASTER AREAS total site building area paving area (at paving area (at sidewalks	PLAN [<u>) A T A</u> 160027 57, 42184 2881	600 SQ. FT. 4.52 SQ. FT. SQ. FT. 1.04 SQ. FT.	(1.32 Ac) (0.97 Ac) (0.00 Ac) (0.06 Ac)	C157	CONTROL OF THE CONTRO	F						<u> 9</u>
MASTER AREAS TOTAL SITE BUILDING AREA PAVING AREA (A PAVING AREA (C SIDEWALKS DRIVEWAY RETENTION POND	PLAN [SPHALT) ONCRETE)	<u>) A T A</u> 160027 57, 42184 2881 13198	600 SQ. FT. 4.52 SQ. FT. SQ. FT. 1.04 SQ. FT. 3.64 SQ. FT. SQ. FT.	(1.32 Ac) (0.97 Ac) (0.00 Ac) (0.06 Ac) (0.30 Ac) (0.00 Ac)	C157	Reference of the second							<u> 9</u>
MASTER AREAS TOTAL SITE BUILDING AREA PAVING AREA (A PAVING AREA (C SIDEWALKS DRIVEWAY RETENTION POND PERVIOUS AREA	PLAN [SPHALT) ONCRETE)	<u>) A T A</u> 160027 57, 42184 2881 13198	600 SQ. FT. 4.52 SQ. FT. SQ. FT. 1.04 SQ. FT. 3.64 SQ. FT. SQ. FT.	(1.32 Ac) (0.97 Ac) (0.00 Ac) (0.06 Ac) (0.30 Ac)	C1577	THERE & COLOR & COLOR &							<u> 9</u>
MASTER AREAS TOTAL SITE BUILDING AREA PAVING AREA (A: PAVING AREA (A: SIDEWALKS DRIVEWAY RETENTION POND PERVIOUS AREA ZONING ZONING DESIGNA	PLAN [SPHALT) ONCRETE) PS TION	<u>) A T A</u> 160027 57, 42184 2881 13198	600 SQ. FT. 4.52 SQ. FT. SQ. FT. 1.04 SQ. FT. 3.64 SQ. FT. SQ. FT. 2.83 SQ. FT. R-:	(1.32 Ac) (0.97 Ac) (0.00 Ac) (0.06 Ac) (0.30 Ac) (0.00 Ac) (1.34Ac) 3	C157	Reference of the second							<u> 9</u>
MASTER AREAS TOTAL SITE BUILDING AREA PAVING AREA (AS PAVING AREA (AS DRIVEWAY RETENTION POND PERVIOUS AREA ZONING ZONING DESIGNAT MAX BUILDING CO MIN. SETBACKS	PLAN [SPHALT) ONCRETE) IS TION OVERAGE	<u>) A T A</u> 160027 57, 42184 2881 13198	600 SQ. FT. 4.52 SQ. FT. SQ. FT. 1.04 SQ. FT. 3.64 SQ. FT. 2.83 SQ. FT. R 659 DIST.	(1.32 Ac) (0.97 Ac) (0.00 Ac) (0.06 Ac) (0.30 Ac) (0.00 Ac) (1.34Ac) 3 %	C1577	Contraction of the second seco						0.R. 3233 (Excep	PG, 222 Trany)
MASTER AREAS TOTAL SITE BUILDING AREA PAVING AREA (A: PAVING AREA (A: PAVING AREA (A: PAVING AREA (CO SIDEWALKS DRIVEWAY RETENTION POND PERVIOUS AREA ZONING DESIGNA' MAX BUILDING CO MIN. SETBACKS FRONT (EAST) REAR (WEST)	PLAN [SPHALT) ONCRETE) OS TION OVERAGE	<u>) A T A</u> 160027 57, 42184 2881 13198	600 SQ. FT. 4.52 SQ. FT. SQ. FT. 1.04 SQ. FT. 3.64 SQ. FT. SQ. FT. 2.83 SQ. FT. R-: 655 DIST. 30' 20'	(1.32 Ac) (0.97 Ac) (0.00 Ac) (0.06 Ac) (0.30 Ac) (0.30 Ac) (1.34Ac) 3 % ANCE	C1577	THERE IS A COLOR							PG, 222 Trany)
MASTER AREAS TOTAL SITE BUILDING AREA PAVING AREA (A: PAVING AREA (A: PAVING AREA (A: PAVING AREA (A: PAVING AREA PAVING AREA DRIVEWAY RETENTION POND PERVIOUS AREA ZONING DESIGNA' MAX BUILDING CO MIN. SETBACKS FRONT (EAST)	PLAN [SPHALT) ONCRETE) S TION OVERAGE	<u>) A T A</u> 160027 57, 42184 2881 13198	600 SQ. FT. 4.52 SQ. FT. SQ. FT. 1.04 SQ. FT. 3.64 SQ. FT. SQ. FT. 2.83 SQ. FT. R-5 655 DIST. 30'	(1.32 Ac) (0.97 Ac) (0.00 Ac) (0.06 Ac) (0.30 Ac) (0.00 Ac) (1.34Ac) 3 % ANCE	C157	Reference Providence P						0.R. 3233 (Excep	PG, 222 Trany)

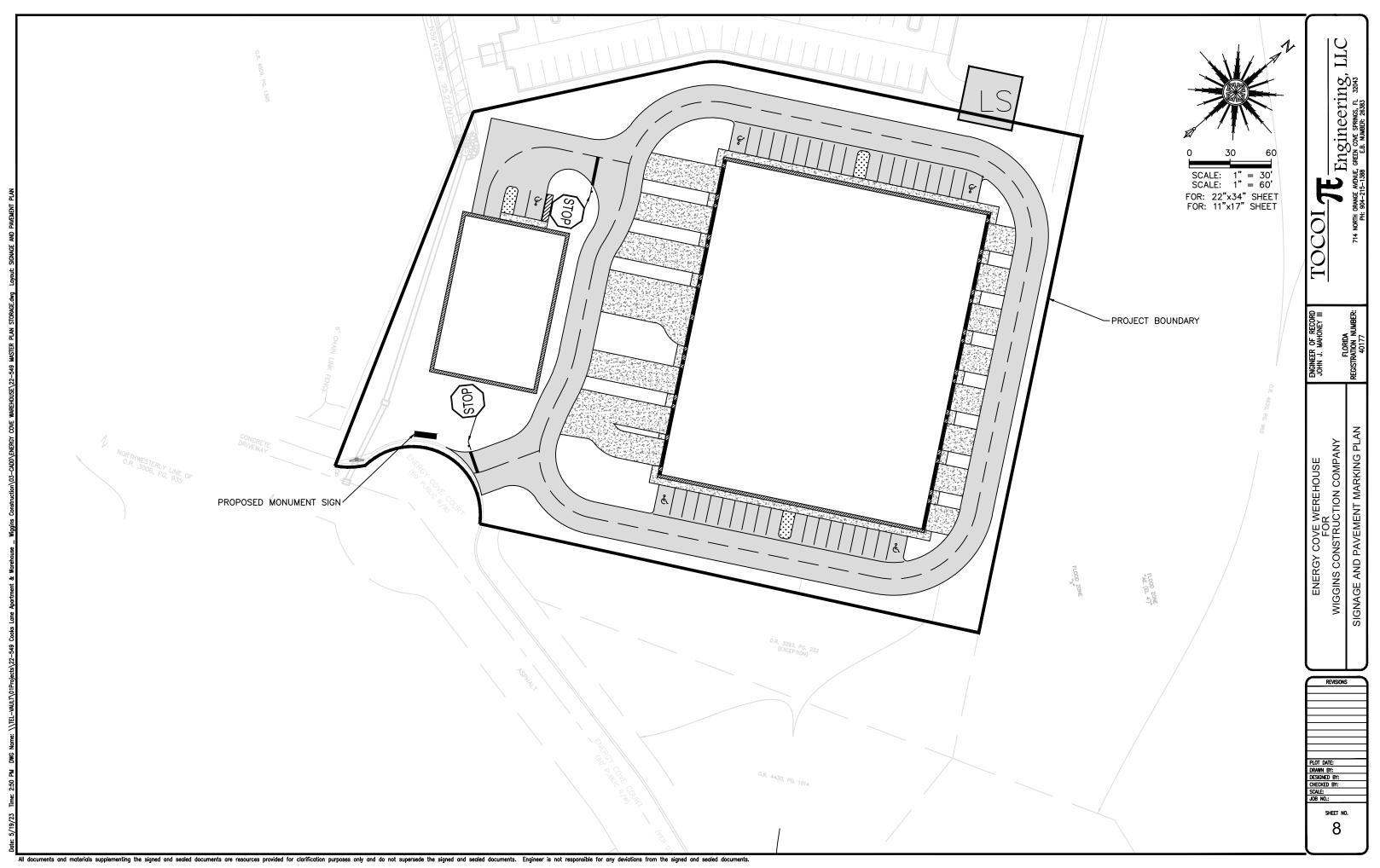
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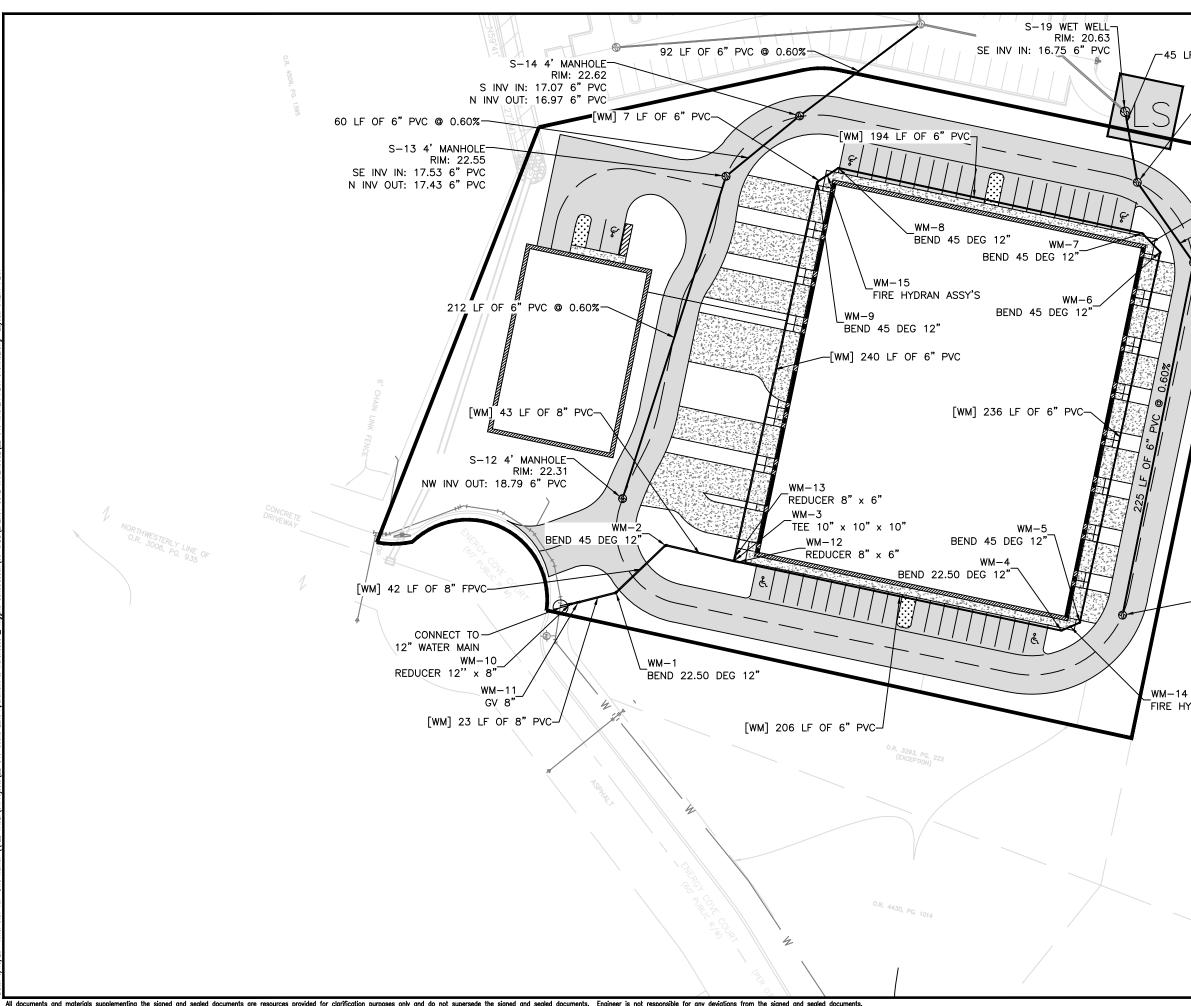
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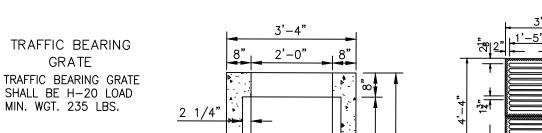






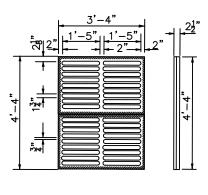


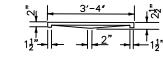
 \mathbf{O} -45 LF OF 6" PVC @ 0.60% Γ S-15 4' MANHOLE Engineering, UE GREN COVE SPRNGS, FL 32043 888 E.B. NUMBER: 25383 RIM: 22.62 E INV IN: 17.25 6" PVC NW INV OUT: 17.01 6" PVC 30 60 SCALE: 1" = 30' Ê SCALE: 1'' = 60'-[WM] 16 LF OF 6" PVC FOR: 22"x34" SHEET FOR: 11"x17" SHEET +61 LF OF 6" PVC @ 0.60% C C 714 ŎL -S-16 4' MANHOLE RIM: 22.58 SE INV IN: 17.72 6" PVC W INV OUT: 17.62 6" PVC ~ 문 -PROJECT BOUNDARY ENGINEER OF RECOR FLORIDA RATION NI ENERGY COVE WEREHOUSE FOR WIGGINS CONSTRUCTION COMPANY S-17 4' MANHOLE ᆸ RIM: 22.58 υτιμτγ NW INV OUT: 19.06 6" PVC "AE AN FIRE HYDRANT ASSY'S REVISIONS LOT DATE: DRAWN BY: Designed by: Checked by: ALE: B NO.: SHEET NO. 9



2"x2"x1/4"2¬

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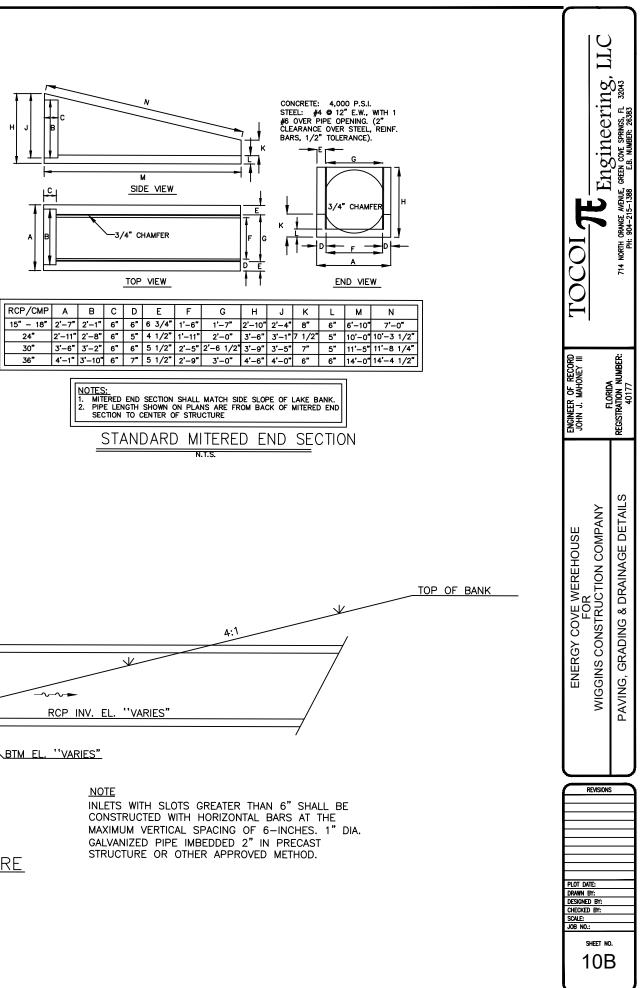


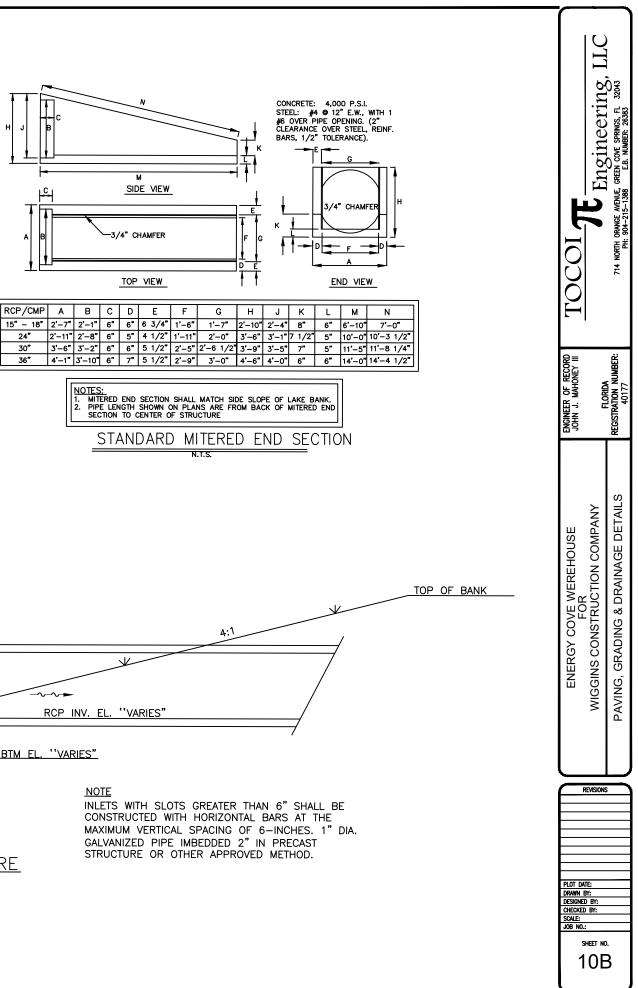
GRATE Approx. Weight 465 Lbs.

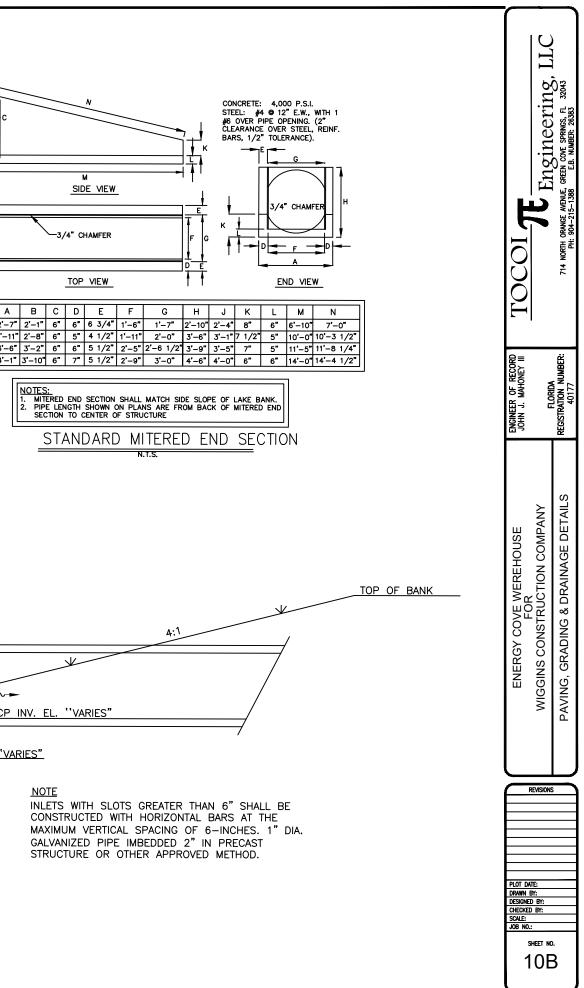
WITH LATEST EDITIONS OF ASTM C76 AND C478.

6"MIN. CLEARANCE FROM

GROUT OR "RAM-NEK" JOINTS WHERE REQUIRED.



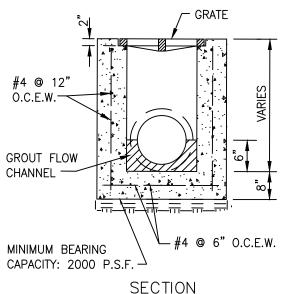




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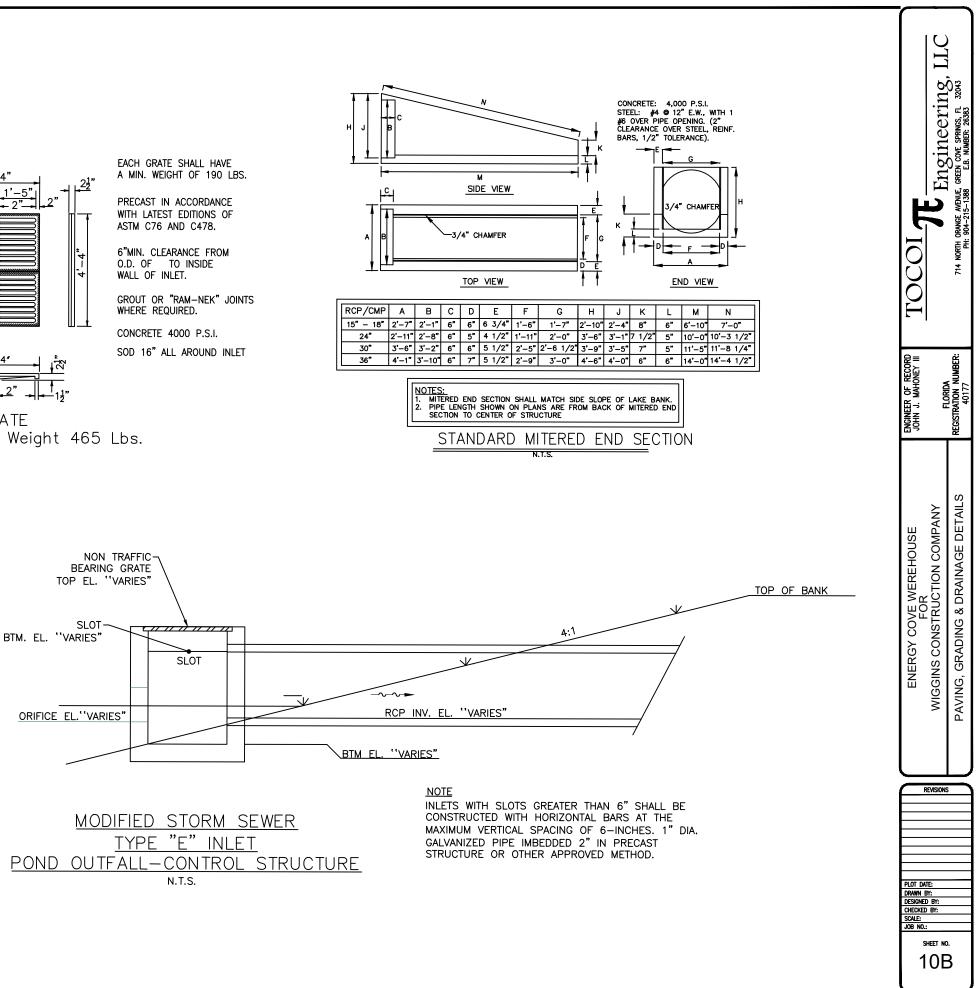
PRECAST IN ACCORDANCE WITH LATEST EDITIONS OF ASTM C76 & C478

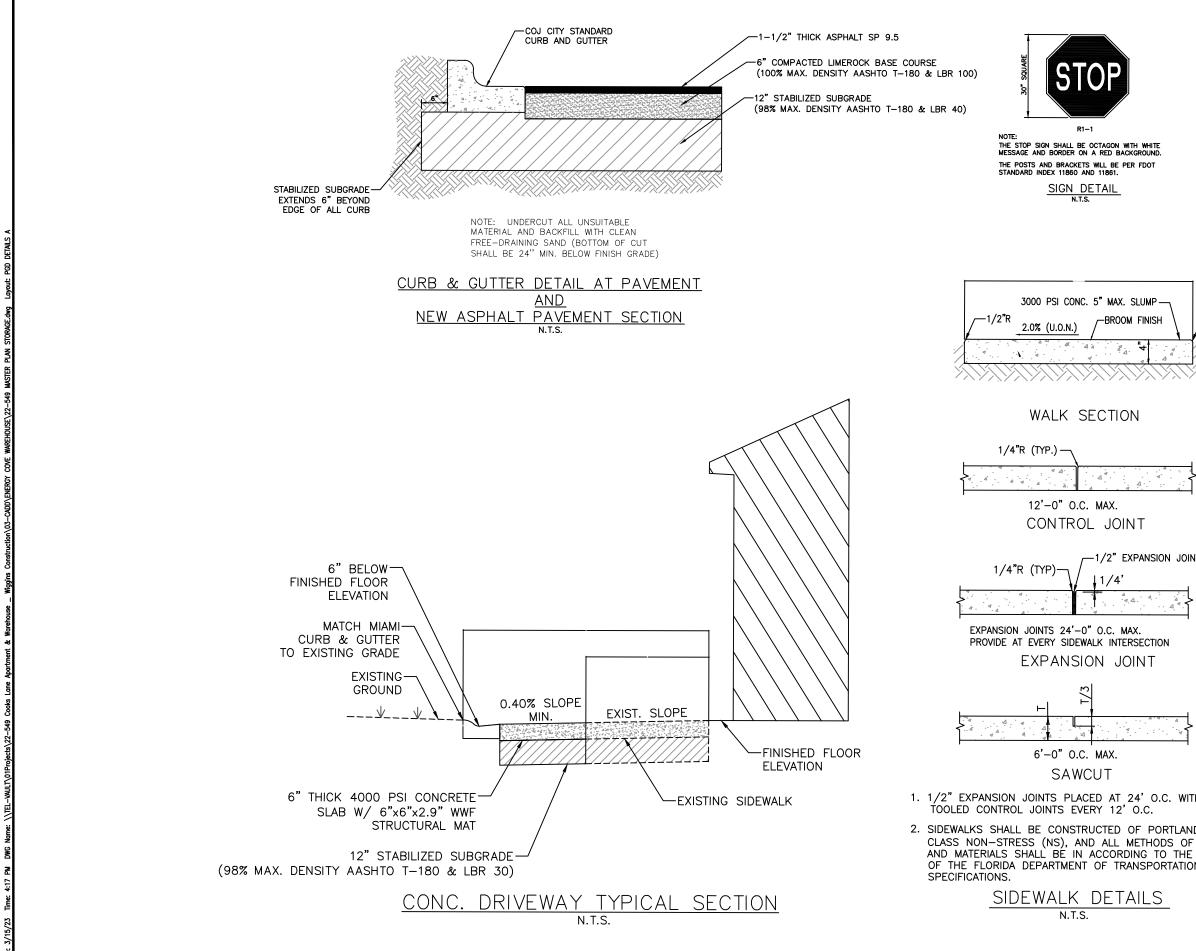
CONCRETE DESIGN STRENGTH: 4000 P.S.I.



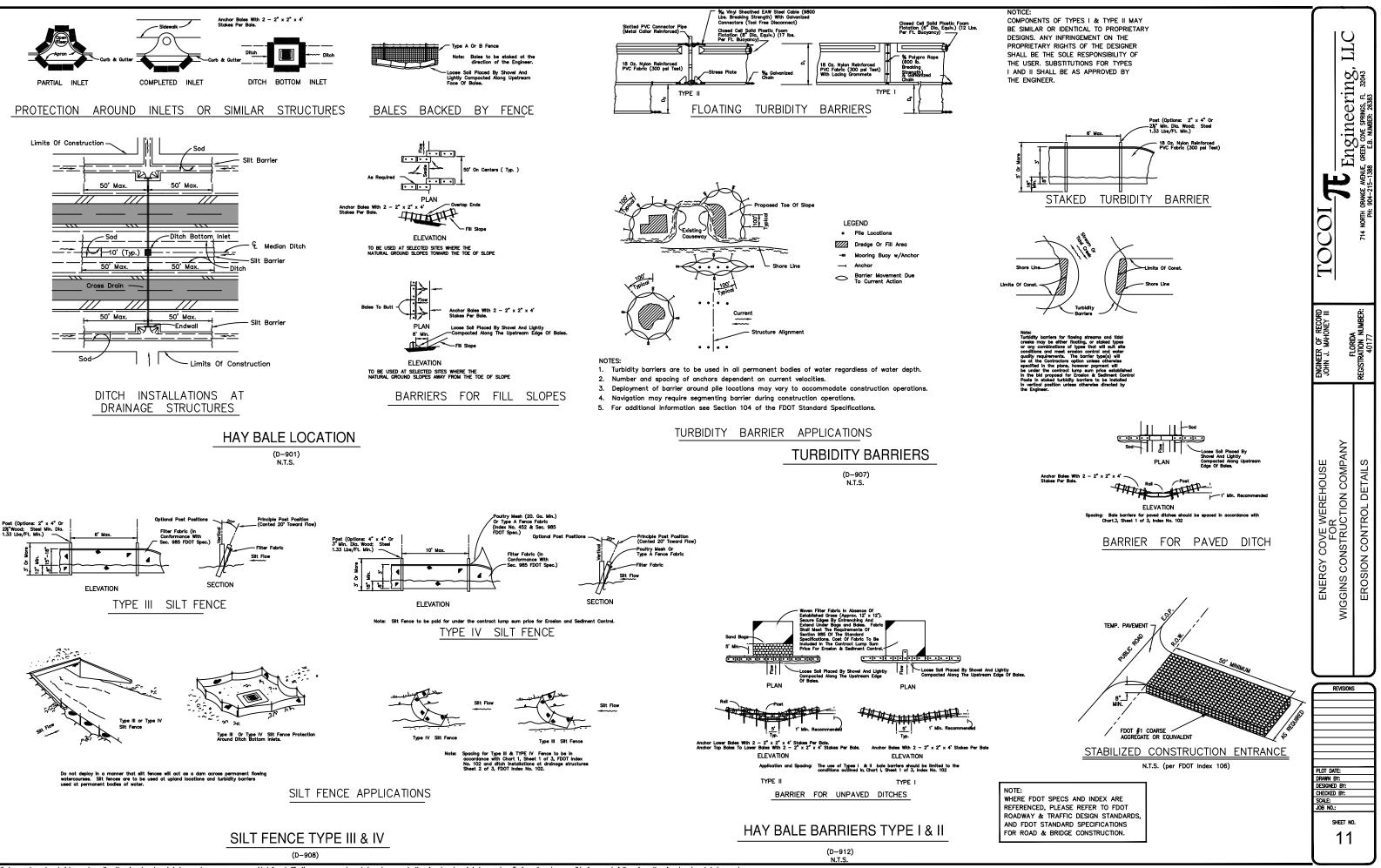
PLAN

TYPE 'C' INLET





/1/2″R	TOCOI T	L Engineering LLC	714 NORTH ORANGE ARENUCE, GREEN CONE SPRINGS, FL 32043 PH: 904-215-1388 E.B. NUMBER: 26383
	ENGINEER OF RECORD JOHN J. MAHONEY III		REGISTRATION NUMBER: 40177
NT MATERIAL	ENERGY COVE WEREHOUSE	WIGGINS CONSTRUCTION COMPANY	PAVING, GRADING & DRAINAGE DETAILS
ru -		REVISIONS	
TH ID CEMENT CONCRETE, F CONSTRUCTION LATEST EDITION DN STANDARD		BY: D BY: D BY:	



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STORM WATER POLLUTION PREVENTION PLAN

CITY'S REQUIREMENTS	CONTRACTOR'S REQUIREMENTS					
SITE DESCRIPTION	GENERAL	Constructed on undisturbed soil and the area below the level LIP is stabilized. The water should not be allowed to	THE 3,600 CUBIC FEET OF STORAGE AREA PER ACRE DRAINED DOES NOT	HAZARDOUS PRODUCTS THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED 1		
PROJECT NAME AND LOCATION: SPORTSMAN CLUB TRAILER STORAGE O SPORTSMAN CLUB RD JACKSONVILLE, FL 32219 OWNER NAME AND ADDRESS: STEVEN HALL SAM PROPERTIES, LLC 10702 MEADOW STABLE LANE UNION, KY 41091 DESCRIPTION	THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IN ADDITION THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS. DEPENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION THE CONTRACTOR MAY BE REQUIRED TO ADD FLOCULANTS TO THE RETENTION SYSTEM PRIOR TO PLACING THE SYSTEM INTO OPERATION.	RECONCENTRATE AFTER RELEASE. LEVEL SPREADER SHALL BE CONSTRUCTED IN ACCORDANCE TO CITY STANDARD DETAIL D-914. 5. STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY. 6. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR	APPLY TO FLOWS FROM OFFSITE AREAS AND FLOWS FROM ONSITE AREAS THAT ARE EITHER UNDISTURBED OR HAVE UNDERCOME FINAL STABILIZATION WHERE SUCH FLOWS AREA DIVERTED AROUND BOTH THE DISTURBED AREA AND THE SEDIMENT BASIN. ANY TEMPORARY SEDIMENT BASINS CONSTRUCTED MUST BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR STRUCTURAL FILL ALL SEDIMENT COLLECTED IN PERMANENT OR TEMPORARY SEDIMENT TRAPS MUST BE REMOVED UPON FINAL STABILIZATION.	 HAZARDOUS MATERIALS. PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THET RESEALABLE. ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINE CONTAIN IMPORTANT PRODUCT INFORMATION. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WIL FOLLOWED. 		
SECTION 40, TOWNSHIP 1S, RANGE 25E GEITGEYS R/P, PT TRACT A,	SEQUENCE OF MAJOR ACTIVITIES:	EXCAVATION AND FILLING OPERATIONS SHALL NOT EXCEED 10 ACRES. THIS REQUIREMENT MAY BE WAIVED FOR LARGE PROJECTS WITH AN EDUCID OF THE PLAN WHICH DELEMENT ATS THAT OF THE	OTHER CONTROLS	PRODUCT SPECIFIC PRACTICES		
PT W 1/2 SEC 40 SOL DISTURBING ACTIVITIES WILL INCLUDE: CLEARING AND GRUBBING; EARTHWORK, PAVEMENT AND GRADING; STORM SEWER, UTILITES, AND PREPARATION FOR FINAL PLANTING AND SEEDING. RUNOFF CURVE NUMBERS: 1. PRE-CONSTRUCTION = 2. DURING CONSTRUCTION = 3. POST-CONSTRUCTION = 3. POST-CONSTRUCTION = SOLS: SEE SOLL BORING REPORT FOR SOLS DATA STEM PAPS: * SEE ATTACHED GRADING FLAN FOR PRE & POST DEVELOPMENT GRADES, ARD STORM WATEN LISCATION OF SUMFACE WATERS, WETLANDS, PROTECTED AREAS, MAJOR STRUCTURAL AND NONSTRUCTURAL CONTROLS AND STORM WATEN LISCATAGE POINTS. * SEE ATTACHED DEGISION & TURBIDITY CONTROL PLAN FOR LOCATION OF TEMPORARY STABLIZATION PRACTORS, AND UNRIGHTY BARRIERS * SEE GENERAL NOTES FOR REQUIRMENTS FOR TEMPORARY AND PERMANENT STABLIZATION.	THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS: 1. INSTALL STABILIZED CONSTRUCTION ENTRANCE 9. INSTALL UTILITIES, STORM SEWER, CURBS & GUTTER. 2. INSTALL SILT FENCES AND HAY BALES AS REQUIRED 9. INSTALL UTILITIES, STORM SEWER, CURBS & GUTTER. 3. CLEAR AND GRUB FOR DIVERSION SWALES/DIKES AND SEDIMENT BASIN 9. INSTALL PERMANENT SCHEMENDARY DIVERSION SWALES/DIKES AND SEDIMENT BASIN 4. CONSTRUCT SEDIMENTATION BASIN 10. COMPLETE FINAL PAVING CRUBBING ON SITE AS REQUIRED 10. RAPLY BASE TO PROLECT SEDIMENT GRADING SCOMPLETE FINAL PAVING 12. COMPLETE FINAL PAVING 13. REMOVE ACCUMULATED SEDIMENT FROM BASINS 5. CONTINUE CLEARING AND GRUBBING ON SITE AS REQUIRED 13. REMOVE ACCUMULATED SEDIMENT FROM BASINS 6. STOCK PILE TOP SOIL IF REQUIRED ON SITE AS REQUIRED 3. REQUIRED SEDIMENT SCHEMELE AND THE STORGY PRELIMINARY GRADING ON SITE AS REQUIRED 8. STABILIZE DENUGED AREAS AND STOCKPLES AS SOON AS PRACTICABLE AS REQUIRED	 EROSION CONTROL PLAN WHICH DEMONSTRATES THAT OPENING OF ADDITIONAL AREAS WILL NOT SIGNIFICANTLY AFFECT OFF-SITE DEPOSIT OF SEDIMENTS. INLET PROTECTION: INLETS AND CATCH BASINS WHICH DISCHARGE DIRECTLY OFF-SITE SHALL BE PROTECTED FROM SEDIMENT-LADEN STORM RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTINUE SEDIMENT TO THE INLET. TEMPORARY SEEDING: AREAS OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND RECEIVE FINAL GRASSING TRATINENT WITHIN 30 DAYS SHALL BE SEEDED WITH A QUICK GROWING GRASS SPECIES WHICH WILL PROVIDE AN EARLY COVER DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT LATER COMPETE WITH THE PERMANENT GRASSING. TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT FALL WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPH 8 ABOVE SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOL OF THE SEEDED AREA ADECUATE TO PREVENT MOVEMENT OF SEED AND MULCH. TEMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHED AREA(S) STEMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHED AREA(S) 	WASTE DISPOSAL WASTE MATERIALS ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER MILL MEET ALL LOCAL AND STATE SOLD WASTE MANAGEMENT REGULATIONS. THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES MILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERIMENDENT, THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED. HAZARDOUS WASTE ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE	THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED PETROLEUM PRODUCTS ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS A REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CH LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TH CONTAINERS WILCH ARE CLEARLY LABELED. ANY ASPHA USED ONSITE WILL BE APPLIED ACCORDING TO THE MAN RECOMMENDATIONS. FERTILIZERS FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIM RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, BE WORKED INTO THE SOL TO LIMIT EXPOSURE TO STOR STORAGE WILL BE IN A COVERED AREA. THE CONTENTS PARTILLY USED BAGS OF FERTILIZER WILL BE TRAFFE SEALABLE PLASTIC BIN TO AVOID SPILLS. PAINTS ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED RECOURED FOR USE. EXCESS PLAIT WILL NOT BE DISCHA STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSE TO MANUFACTURERS' INSTRUCTIONS OR STATE AND LOC		
SITE AREA: 1. TOTAL AREA OF SITE = 2. TOTAL AREA OF BUSURBED =	TIMING OF CONTROLS/MEASURES	SHALL BE ROLLED AND WATERED OR HYDROMULCHED OR OTHER SUITABLE METHODS IF REQUIRED TO ASSURE OFTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER. TEMPORARY GRASSING SHALL BE THE SAME MIX & AMOUNT REQUIRED	MANUER SPECIFIC DE VICAL OR STATE REGULATION OR BY THE MANUFACTURER. STE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES AND THE SITE SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR	CONCRETE TRUCKS CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT SURPLUS CONCRETE OR DRUM WASH WATER ON THE SIT		
NAME OF RECEIVING WATERS: CONTROLS THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN OFF. AN EROSION AND TURBIDITY PLAN HAS BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS. IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL AND MAINTAIN THE CONTROLS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL STATE AND LOCAL LAWS. REFER TO "CONTRACTORS RESPONSIBILITY" FOR A VERBAL DESCRIPTION OF THE CONTROLS THAT MAY BE IMPLEMENTED.	AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCES AND HAY BALES, STABULZED CONSTRUCTION ENTRANCE AND SEDIMENT BASIN WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SILE, STABULZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABULZED PERMANENTLY IN AN AREA, THAT AREA WILL BE STABULZED PERMANENTLY IN AN AREA, THAT AREA WILL BE REMOVED FROM THE SEDIMENT TRAPS AND THE CANTH DIRE/SWALES WILL BE REGRADED/REMOVED AND STABILIZED IN ACCORDANCE WITH THE ENTRIES WILL BE REGRADED/REMOVED AND STABILIZED IN ACCORDANCE WITH THE ENTRIES WILL BE REGRADED/REMOVED AND STABILIZED	FOR PERMANENT GRASSING IN THE CONTRACT SPECIFICATIONS. 11. TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75 PERCENT GOOD GRASS GOVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER. 12. MAINTENANCE: ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDMENT SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.	SEEING THAT THESE PRACTICES ARE FOLLOWED. SANITARY WASTE ALL SANITARY WASTE MILL BE COLLECTED FROM THE PORTABLE UNITS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED AND DEPOSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS. OFFSITE VEHICLE TRACKING A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP	SPILL CONTROL PRACTICES IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGE PRACTICES DISCUSSED IN THE PREMOUS SECTIONS OF THIS PLAN, FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION CLEANUP FRACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP W CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL BE MADE A PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEA SUPPLIES.		
STORM WATER MANAGEMENT STORM WATER DRAINAGE WILL BE PROVIDED BY (DESRIPTION:)	CONTROLS	 PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES. 	REDUCE VEHICLE TRACKING OF SEDMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEPT DALLY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIA FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A	MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATER INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, R.		
FOR THE PROJECT. AREAS WHICH ARE NOT TO BE CONSTRUCTED ON, BUT WILL BE REGRADED SHALL BE STABILIZED IMMEDIATELY AFTER GRADING IS COMPLETE, WHEN CONSTRUCTION IS COMPLETE. A TOTAL OF ACRES WILL HAVE BEEN REGRADED, ACRES LEFT UNDISTURBED. THE SITE DISCHARGES TO A WET DETENTION SYSTEM. WHERE PRACTICAL, TEMPORARY SEDMENT BASINS WILL BE USED TO INTERCEPT SEDMENT BEFORE ENTERING THE PERMANENT DETENTION BASIN. THE WET DETENTION SYSTEM IS DESIGNED WITH A DAY WININUM RESIDENCY OULDIE. THIS IS IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH BY THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT FOR THIS TYPE OF DEVELOPMENT AT THE TIME OF PERMITTING.	IT IS THE CONTRACTORS RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IT IS ALSO THE CONTRACTORS RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING PROPERLY TO PREVENT TURBID OR POLLITED WATER FROM LEAVING THE PROJECT SITE. THE CONTRACTOR WILL ADJUST THE EROSION AND TURBIDITY CONTROLS SHOWN ON THE EROSON AND TURBIDITY CONTROL PLAN AND ADD ADDITIONAL CONTROL MEASURES, AS REQUIRED, TO ENSURE THE SITE MEETS ALL FEDERAL STATE AND LOCAL EROSION AND TURBIDITY CONTROL PLAN AND ADD ADDITIONAL CONTROL MEASURES, AS REQUIRED, TO ENSURE THE SITE MEETS ALL FEDERAL STATE AND LOCAL EROSION AND TURBIDITY CONTROL REQUIREMENTS. THE FOLLOWING BEST MANAGEMENT PRACTICES WILL BE IMPLEMENTED BY THE CONTRACTOR AS REQUIRED BY THE EROSION AND TURBIDITY CONTROL PLAN AND AS REQUIRED TO MEET THE EROSION AND TURBIDITY CONTROL PLAN AND AS REQUIRED TO MEET THE EROSION AND TURBIDITY CONTROL PLAN AND AS REQUIRED	 PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL, AS A MINIMUM, BE SEEDED. THE SEEDING MIX MUST PROVIDE BOTH LONG-TERM VEGETATION AND RAPID GROWTH SEASONAL VEGETATION. SLOPES STEEPER THAN 4:1 SHALL BE SEEDED AND MULCHED OR SODDED. STRUCTURAL PRACTICES TEMPORARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF THROUGH A SEDIMENT-TRAPPING FACILITY. AND IT SHALL BE CONSTRUCTED IN ACCORDANCE TO D-914. 	TARPAULIN. INVENTORY FOR POLLUTION PREVENTION PLAN THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION: Concrete Fertilizers Vood Asphalt Petroleum Based Products Nasonry Blocks Tar Cleaning Solvents Roofing Materials	INCLUDE BOT IND BE LIMITED AND BROWNES, DARIS, MOYA GLOVES, GOOGLES, LIQUID AND BROWNES, KITTY LITER OR, EQU SAND, SAMDUST, AND PLASTIC AND METAL TRASH CONTAINERS S FOR THIS PURPOSE. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY F CONTACT WITH A HAZARDOUS SUBSTANCE. SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLE'		
TIMING OF CONTROLS/MEASURES	SITE BY THE REGULATORY AGENCIES.	2. TEMPORARY SEDIMENT TRAP: A SEDIMENT TRAP SHALL BE INSTALLED IN AN DRAINAGEWAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF	Detergents Paints Metal Studs	SIZE OF THE SPILL.		
REFER TO " CONTRACTORS RESPONSIBILITY" FOR THE TIMING OF CONTROL/MEASURES.	EROSION AND SEDIMENT CONTROLS STABILIZATION PRACTICES	DISCHARGE FROM A DISTURBED AREA. THE FOLLOWING SEDIMENT TRAPS MAY BE CONSTRUCTED EITHER	SPILL PREVENTION	THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEA PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO THE SPILL IF THESE IS ANOTHER ONE OF SECRETIZING AT HE SPILL		
CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS	1. HAY BALE BARRIER: HAY BALE BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE COLUMNO UNITA TRADUCTION	INDEPENDANTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION Dike: A. Block & Gravel Sediment Filter - This protection is	SPILL PREVENTION MATERIAL MANAGEMENT PRACTICES	THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SF CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDE		
IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS RELATED TO STORM WATER MANAGEMENT AND EROSION AND TURBIDITY CONTROLS, THE FOLLOWING PERMITS HAVE BEEN OBTAINED. D.E.R. DREDOG/FILL PERMIT # C.O.E. DREDOG/FILL PERMIT # S.J.R.W.M.D. M.S.S.W. PERMIT #	FOLLOWING LIMITATIONS: A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT. B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES. C. WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS. D. EVERY EFFORT SHOULD BE MADE TO LIMIT THE USE OF STRAW BALE BARRIERS CONSTRUCTED IN LIVE STREAMS OR IN SWALES WHERE THERE IS THE POSSIBILITY OF A WASHOUT. IN EVECSARY, MEASURES SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO INSURE AGAINST WASHOUT.	APPLICABLE WHERE HEAVY FLOWS AND/OR WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE. REFER TO DO-902 FOR CONSTRUCTION OF A CURB INLET SEDIMENT FILTER. AND D-904 FOR CONSTRUCTION OF A DROP INLET SEDIMENT FILTER. B. GRAVEL SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES & UNPROTECTED	THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF. GOOD HOUSEKEEPING THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT. • AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO	THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COOI HE/SHE ULL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL WILL RECEVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPIL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AN APPLICABLE, IN THE OFFICE TRAILER ONSITE.		
POLLUTION PREVENTION PLAN CERTIFICATION	AGAINST WASHOUT. REFER TO CITY STANDARD DETAIL D-913 FOR CONSTRUCTING THE HAY BALE BARRIER. ALSO REFER TO D-901, D-911 AND D-12 FOR PROPER	AREAS. REFER TO D-903 FOR CONSTRUCTION OF CURB INLET & DROP SEDIMENT TRAP.	DO THE JOB.	MAINTENANCE/INSPECTION PROCEDURES		
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY NOURY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELFF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUMING THE FORSIBILITY OF FIRE AND IMPRISONMENT FOR	BALE BARRIER. ALSO REFER TO D-SUT, D-SIT AND D-12 FOR PROPER LOCATION, MATERIA & USAGE. 2. FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS: A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT. B. IN MINOR SWALES OR DICH. LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES. REFER TO CITY STANDARD BETAIL D-910 FOR PROPER CONSTRUCTION OF THE FILTER FABRIC BARRIER.	 C. DROP INLET SEDIMENT TRAP — THIS PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (\$ < 5X) AND WHERE SHEET OR OVERLAND FLOWS (\$ < 0.5 CF3). ARE TYPICAL. THIS METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS SUCH AS IN STREET OR HIGHWAY MEDIANS. REFER TO D-905 FOR CONSTRUCTION OF HAY BALE & FABRIC SEDIMENT FILTER. OUTLET PROTECTION: APPLICABLE TO THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE FLOW COULD CAUSE EROSION & SEDIMENT PROBLEM TO THE RECEIVING WARE BODY. SLIT FROES & 	ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL. SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.	EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANC THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES T USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS. • NO MORE THAN 10 ACRES OF THE SITE WILL BE DENUDED AT C WITHOUT WRITTEN PERMISSION FROM THE ENGINEER. • ALL CONTROL MEASURES WILL BE INSPECTED BY THE SUPERINT THE PERSON RESPONSIBLE FOR THE DAY TO DAY SITE OPERANT SOMEONE APPOINTED BY THE SUPERIMETENDENT, AT LEAST ONCO		
Knowing Volations. Signed: City Engineer	 BRUSH BARRIER WITH FILTER FABRIC: BRUSH BARRIER MAY BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WHERE ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE. LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE SEDIMENT- FREE STORM RUNOFF IS INTERCEPTED AND DIVERTED AWAY FROM THE GRADED AREAS ONTO UNDISTURBED STABILIZED AREAS. THIS PRACTICE APPLIES ONLY IN THOSE SITUATIONS WHERE THE SPREADER CAN BE 	HAY BALES ARE TO BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE DISCHARING STRUCTURE AS SHOWN ON THE OUTLET PROTECTION DETAIL 4. SEDIMENT BASIN: WILL BE CONSTRUCTED AT THE COMMON DRAINAGE LOCATIONS THAT SERVE AN AREA WITH 10 OR MORE DISTURBED AGRES AT ONE TIME, THE PROPOSED STORM WATER PONDS (OR TEMPORARY PONDS) WILL BE CONSTRUCTED FOR USE AS SEDIMENT BASINS. THESE SEDIMENT BASINS WIST PROVIDE A MINIMUM OF 3,600 CUBIC FEET OF STORAGE PER ACRE DRAINED UNTIL FINAL STABILIZATION OF THE SITE.	WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER. MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED. THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ONSITE RECEIVE PROPER USE AND DISPOSAL.	FOLLOWING ANY STORM EVENT OF 0.25 INCHES OR GREATER. • ALL TURBIDITY CONTROL MEASURES WILL BE MAINTAINED IN GO ORDER: IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITH REPORT. • BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN REACHED ONE-THIRD THE HEIGHT OF THE FENCE.		

SSOCIATED WITH NLESS THEY ARE NOT BE RETAINED; THEY FACTURER'S OR LOCAL SPOSAL WILL BE FOLLOWED ONSITE: DR LEAKS AND RECEIVE JOE THE CHANGE OF ORED IN TICHTLY SEALED ANY ASPHALT SUBSTANCES O THE MANUFACTURER'S THE MINIMUM AMOUNTS E APPUED, FERTILIZER WILL RE TO STORM WATER. CONTENTS OF ANY E TRANSFERRED TO A	SEE IF T TO SEE ' AND BUIL PERCENT WHICHEV DVERSION FROMPTL TEMPORA FOR BAR A MAINTE INSPECTION INSPECTION INSPECTION INSPECTION INSPECTION STATE OF PLANS, C PLANS,	HE FABRIC THAT THE MENT BAS. T UP SEL OF THE ER COMES Y REPAIRI Y REPA	LIS SECUL FENCE PC SINS WILL IN DIMENT WIL DOESIGN CAS FIRST. WALES WIL ED. WASHOUT: SPECTON PY OF THE ACHED. BE KEPT REQUEST I AGENCY AL WATER M. BE KEPT REQUEST I GE. IENDENT W BLL FOR II UNITED FOR II WILL RECEI	RELY ATTA SISTS ARE I BE INSPECT L BE REMM PACITY OR IL BE INSP T SEEDING S, AND HE REPORT W REPORT W REPORT W REPORT W TO THE OW PROVING ANAGEWEN THE REPOR MUL SELECT NSPECTION Y & TRAINING SECTION	CHED TO T FIRMLY IN FIRMLY IN FIRMLY IN FIRMLY IN FIRMLY IN HED FOR THE ECTED ANI AND PLAN ALTHY GRC HILL BE MAI OR AT LEA SEDIMENT I TAINED AS OR AT LEA STABILIZED TS SHALL I UP TO TI S, MAINTEN ECTION ANI AND MAIN G FROM T	THE GROUNI HE DEPTH (I IT REACHE ND OF THE D ANY BREA TING WILL B WITH. DE AFTER E E COMPLET USTRUCTION USTRUCTION ST THREE ' AND THE N DENTIFY A HREE INDIVIDENTIFY A HREE INDIVIDENTIFY A HANCE AND D MAINTENA TENANCE	POSTS, AND D.S., AND D.F. SEDIMENT, IS 10 JOB, JOB, ACHES HE INSPECTED ACH ED BY THE AND BY THE BY THE HE STORM VY FIDERAL, ROSION THE STORM VY FIDERAL, VY FIDERAL, UNICE OF BUSING AND	TOCOI T	L Engineering, LLC	714 NORTH ORANGE AVENUE, GREEN COVE SPRINGS, FL. 32043 PH: 904-215-1388 E.B. NUMBER: 26383
ND STORED WHEN NOT BE DISCHARED TO THE LY DISPOSED OF ACCORDING E AND LOCAL REGULATIONS. D WASH OUT OR DISCHARGE ON THE SITE.	MAINTEN SEDIMENT NON-STORI IT IS EXPEC WILL OCCUF * WATER FI * PAVEMEN	NCE PRA CONTROL WATER CTED THA ROM THA ROM WATE T WASH V	CTICES NE LS USED (DISCHARGE T THE FOL HE SITE DI TR LINE FL WATERS (W	CESSARY F DNSITE IN (ES LOWING NO URING THE LUSHING	For Keepin Good Work N-Storm Construc	ig the Ero King order Water disc Tion Perio	SION AND HARGES D:	ENGINEER OF RECORD JOHN J. MAHONEY III	FI ORIDA	REGISTRATION NUMBER: 40177
AL MANAGEMENT THIS PLAN, THE REVENTION AND CLEANUP WILL BE BE MADE AWARE OF THE Y AND CLEANUP EANUP WILL BE KEPT AND MATERIALS WILL S, MOPS, RAGS, ER OR EQUAL), NTAINERS SPECIFICALLY DISCOVERY. PERSONNEL WILL IT INJURY FROM EPORTED TO THE REGARDLESS OF THE SPORTED TO THE REGARDLESS OF THE HOLUDE MEASURES TO D HOW TO CLEAN UP OF THE SPILL, WHAT BE INCLUDED. Y-TO-DAY SITE ENUP CORDINATOR.	ALL NON-S BASIN PRIO I CERTIFY U CONDITIONS ELIMINATION DISCHARGE: CONSTRUCT SBUIND/2004 31815N005324 S8815 TTV #	TORM WA R TO DIS CO UNDER PE OF THE I SYSTEM S ASSOCI/	TER DISCH CHARGE. NTRACTOR NALTY OF GENERAL I (NPDES) I ATED WITH	'S CERTIFIC LAW THAT NATIONAL I PERMIT THA INDUSTRIA	L BE DIREG ATION I UNDERS POLLUTANT AT AUTHOR L ACTIVITY	TAND THE 1 DISCHARGE ZES THE S FROM THE	E SEDIMENT TERMS AND E	ENERGY COVE WEREHOUSE FOR	WIGGINS CONSTRUCTION COMPANY	SWPPP CONTRACTOR REQUIREMENTS
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PROFELL STORM WATER POLLUTION PREVENTION PLAN RISECTION AND MAITER POLLUTION PREVENTION PLAN INSPECTION AND MAITER POLLUTION PREVENTION PLAN RISECTION AND MAITER POLLUTION PREVENTION PLAN RISECTION AND MAITER POLLUTION PREVENTION PLAN RISECTION PLAN INSPECTION PLAN RISECTION RISECTION PLAN RISECTION RISECTION RISECT	PROTECTION ANTER POLUTION PREVENTION PLAN INSPECTION AND MATER POLUTION PREVENTION PLAN INSPECTION AND MANTEN POLUTION PLAN INSPECTION AND MANTEN POLUTION PLAN INSPECTION AND MANTEN PREVENTION PLAN INSPECTION PLAN	PA'S NATIONAL POLLUTION DISCHARGE ELMINATION FOR CONSTRUCTION SITES OVER 5 ACRES. THIS Y RAINFALL EVENT OVER 0.25 INCHES. IT IS SET AND DUPLICATED AS NEEDED BY THE CONTRACTOR. ET AND DUPLICATED AS NEEDED BY THE CONTRACTOR. BOIN J. MHONEY III JOHN J. MHONEY III BOINTER OF RECORD JOHN J. MHONEY III ACOUNT TO
		NOTE TO CONTRACTOR: THIS IS THE CONTRACTORS SYSTEM (NPDES), STORM WATER POLLUTION REQUIRED BY THE EPA'S NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES), STORM WATER POLLUTION PREVENTION PLAN FOR CONSTRUCTION SITES OVER 5 ACRES. THIS SCRTIFICATION MUST BE COMPLETED WEEKLY AND AFTER EVERY RAINFALL EVENT OVER 0.25 INCHES. IT IS SUGGESTED THAT THIS SHEET BE REMOVED FROM THE PLAN SET AND DUPLICATED AS NEEDED BY THE CONTRACTOR. SUGGESTED THAT THIS SHEET BE REMOVED FROM THE PLAN SET AND DUPLICATED AS NEEDED BY THE CONTRACTOR. SUGGESTED THAT THIS SHEET BE REMOVED FROM THE PLAN SET AND DUPLICATED AS NEEDED BY THE CONTRACTOR. SUGGESTED THAT THIS SHEET BE REMOVED FROM THE PLAN SET AND DUPLICATED AS NEEDED BY THE CONTRACTOR. SUGGESTED THAT THIS SHEET BE REMOVED FROM THE PLAN SET AND DUPLICATED AS NEEDED BY THE CONTRACTOR. SUGGESTED THAT THIS SHEET BE REMOVED FROM THE PLAN SET AND DUPLICATED AS NEEDED BY THE CONTRACTOR. SUGGESTED THAT THIS SHEET BE REMOVED FROM THE PLAN SET AND DUPLICATED AS NEEDED BY THE CONTRACTOR. SUGGESTED THAT THIS SHEET BE REMOVED FROM THE PLAN SET AND DUPLICATED AS NEEDED BY THE CONTRACTOR. SUGGESTED THAT THIS SHEET BE REMOVED FROM THE PLAN SET AND DUPLICATED AS NEEDED BY THE CONTRACTOR. SUBJECTION OF A STORE CONTRACTOR CONTRACTOR CONTRACTOR OF A STORE OF

All documents and materials supplementing the signed and sealed documents are resources provided for clarification purposes only and do not supersede the signed and sealed documents. Engineer is not responsible for any deviations from the signed and sealed documents.