



PROJECT

**LOCATION** 

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FIBLD LANE

UGUSTINE

32034

LOGISTICS

WINIES OF SERVING

WELESD ISPATCHOGMAIL COM 904-679-1615

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ENGINEERING SERVICES PROVIDED BY:

R G M ENGINEERING, INC.

RGM ENGINEERING 65 LEWIS BLVD ST. AUGUSTINE, FLORIDA (904) 814-7633 32084

10-6-22

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NER ACKNOWLEGDES THAT WHEN VERTICAL CONSTRUCTION BEGINS, FIRE ACCESS IS REQUIRED:

SS ROADS ARE TO BE PROVIDED AT THE START OF THE PROJECT AND ARE MAINTAINED THROUGHOUT LENGTH OF THE CONSTRUCTION SS ROAD TO BE UNOBSTRUCTED 20' WIDE, STABILIZED SURFACE TO SRT 80,000 LBS AND PROVIDE TURNAROUND FOR A 50' FIRE APPARATUS

ROBERT G. MORGEN JR., P.E. #58118

COVER SHIBET

VELES LOGISTICS BUSINESS PARK

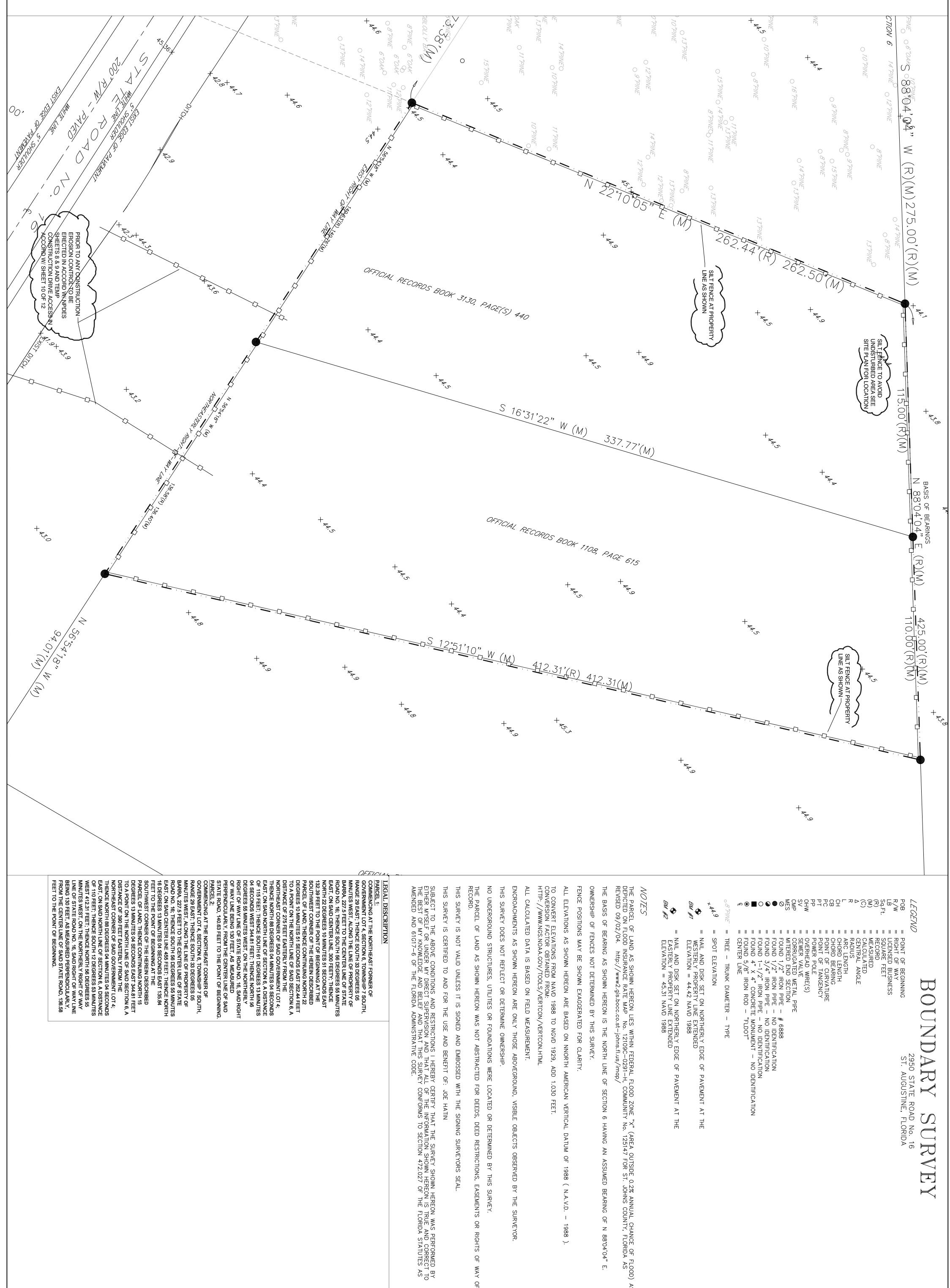
R G M Engineering, Inc. R G M

**65 LEWIS BLVD** ST. AUGUSTINE, FLORIDA 32084 904-814-7633 C.A. #30799

Date Revisions LOGISTICS

BUSINESS

PARK



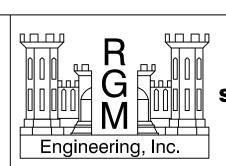
ARY SUR 2950 STATE ROAD NO. 16 ST. AUGUSTINE, FLORIDA URVEY

BUSINESS PARK

FOR THE USE AND BENEFIT OF:

JOE HATIN

IT IS SIGNED AND EMBOSSED WITH THE SIGNING SURVEYORS SEAL



OF SECTION 6 HAVING

AN ASSUMED BEARING

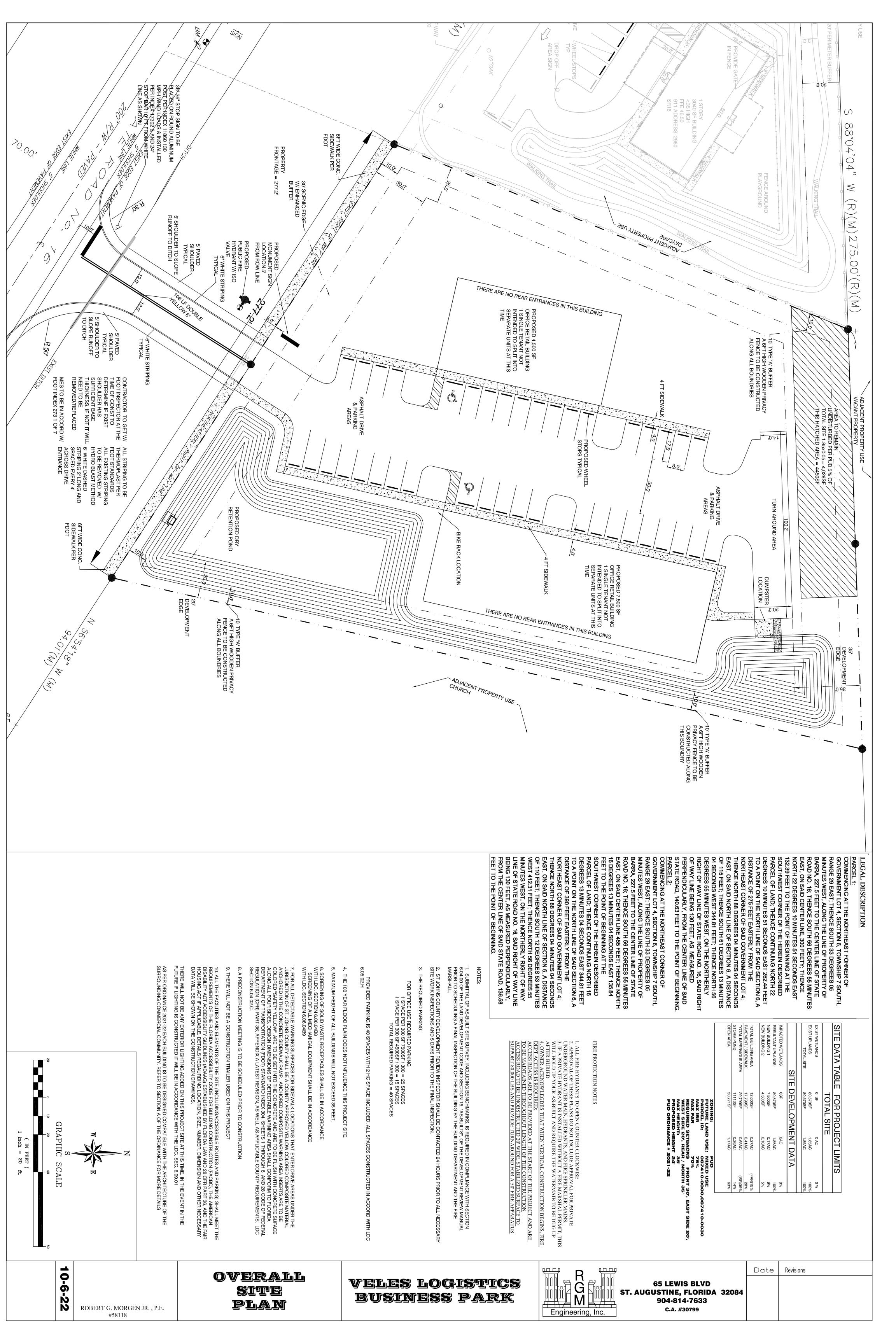
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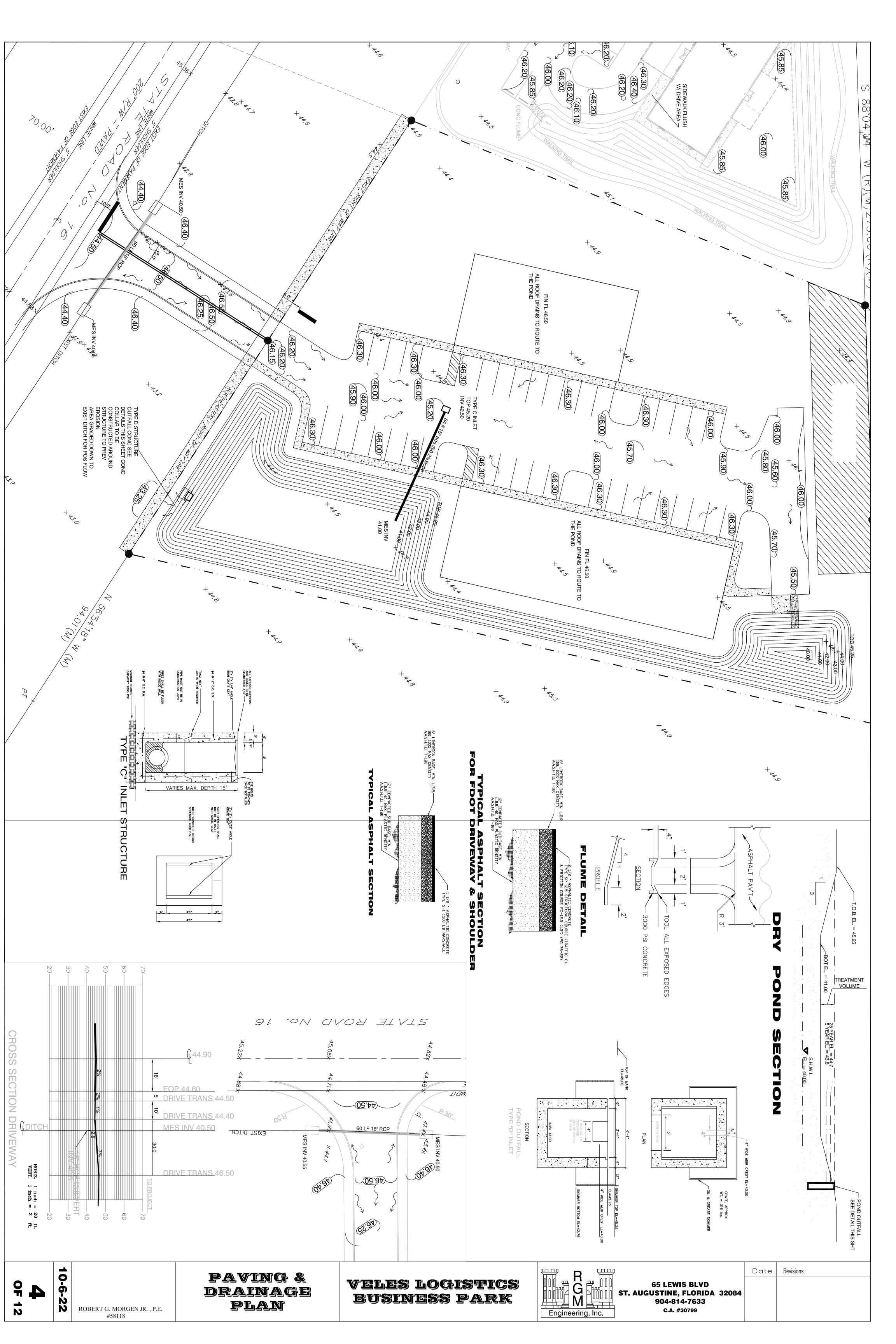
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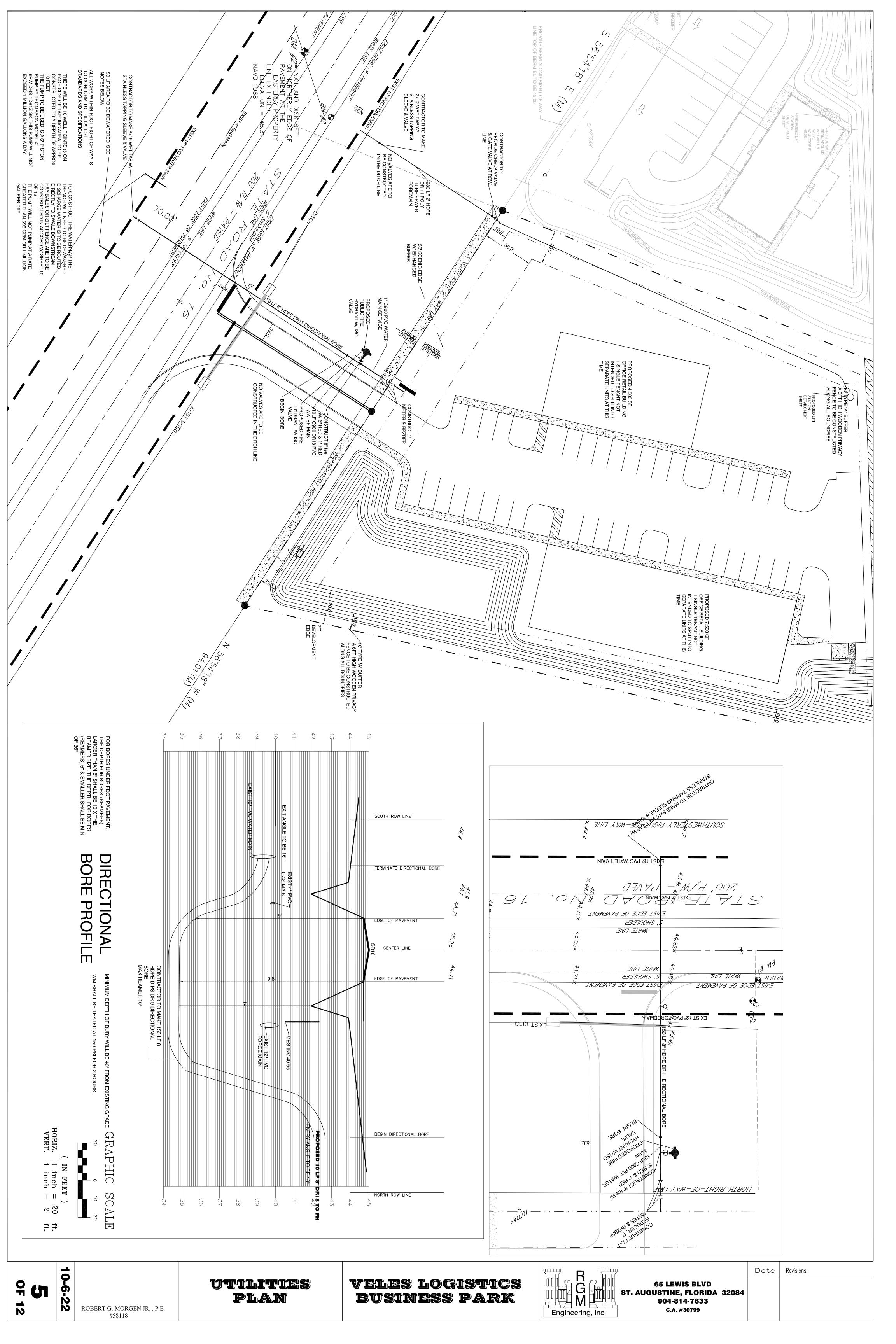
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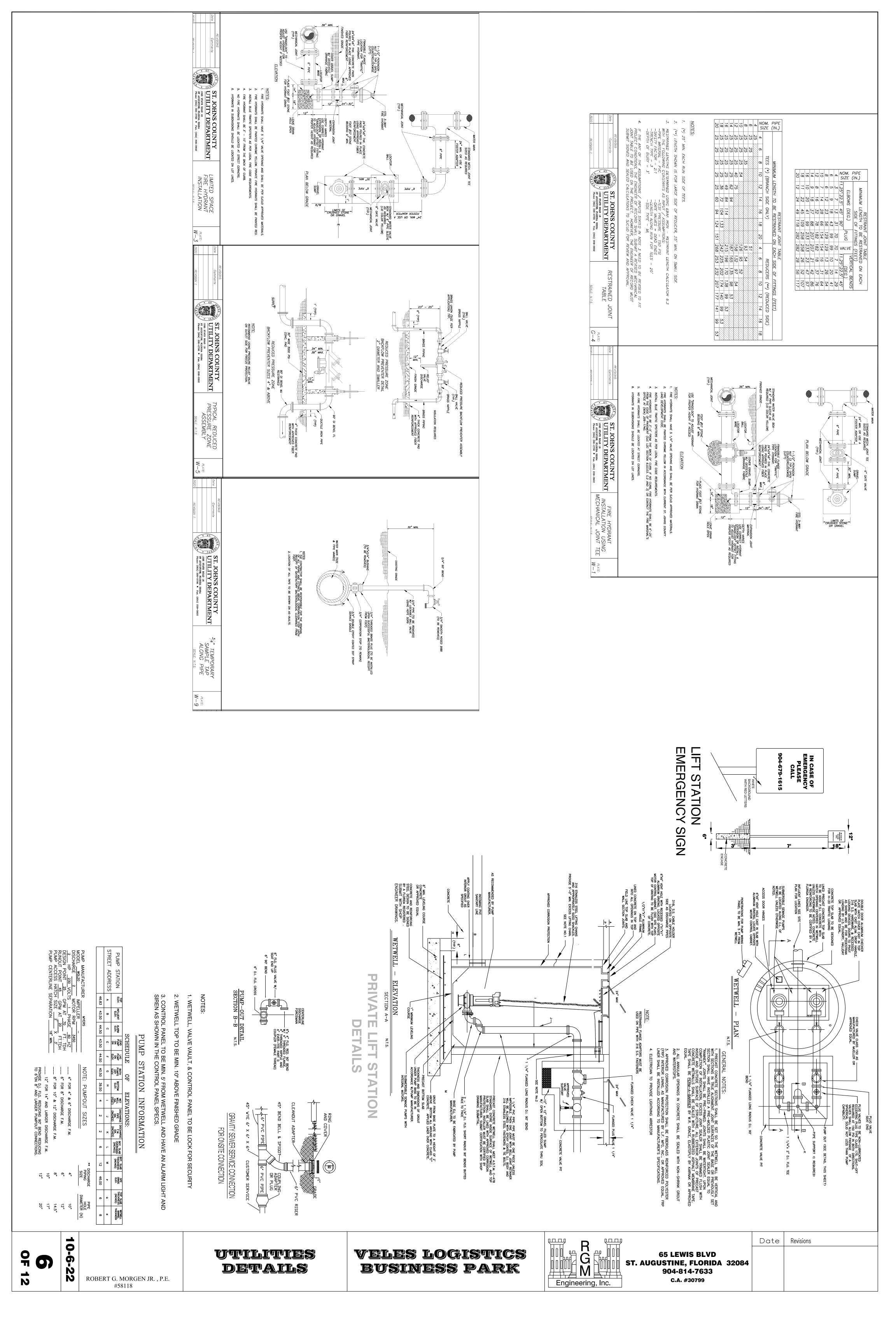
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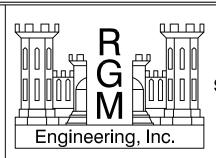




DRAWING FOR REFEREN	[   ;   ;	ST. AUGUSTINE, FLORIDA 32084-8646  Phone (904) 209-2700 • Fax (904) 209-2702	DATE:	3.                 2.                 1.                 2.                 2.                 3.                 4.                 5.                 6.                 7.                 8.                 9.                 1.                 1.                 1.                 2.                 2.                 3.                 4.                 5.                 6.                 7.                 8.                 9.                 1.                 1.                 1.                 2.                 2.                 3.                 4.                 5.                 6.                 7.                 8.                 9.                 1.                 1. <td< th=""></td<>
NO. SHEETS SHEET NO. GN-1	GENERAL NOTES	ST. JOHNS COUNTY  UTILITY DEPARTMENT	DESIGNER:  DESIGNER:  DRAWN BY:  DATE:  CHECKED BY:  FLORIDA REGISTRATION NO.	NO. BY DATE SYMBOL REVISIONS  5
			7. ALL NEW AND RELOCATED WATERMAIN PIPE AND FITTINGS WILL COMPLY WITH THE LATEST FDEP AND AWWA STANDARDS FOR LEAD CONTENT.	
		, AND RECLAIMED	6. ALL NEW AND RELOCATED WATERMAIN PIPE, FITTINGS, VALVES, AND FIRE HYDRANTS SHALL BE IN CONFORMANCE WITH APPLICABLE AMERICAN WATER WORKS ASSOCIATION (AWWA) AND SJCUD STANDARDS.	AND TO AND PRO
		AND RULE 64E-6.002, F.A.C.  (2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATERMAINS AND SANITARY OR	5. JUMPER CONNECTIONS WITH BACKFLOW PREVENTION DEVICE SHALL BE USED TO FILL OR FLUSH WATERMAINS	RECOMMENDED INSTALLATION PROCEDURES) FOUND IN TRENCHES FOR NEW AND RELOCATED PIPE SHALL BE REMOVED TO A DEPTH OF AT LEAST SIX (6) INCHES BELOW THE BOTTOM OF THE PIPE. CONTINUOUS AND UNIFORM BEDDING SHALL BE PROVIDED FOR NEW AND RELOCATED PIPES. THE BACKELL MATERIAL SHALL
		(D) NEW OR RELOCATED, UNDERGROUND WATERMAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATERMAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON—SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S.,	<ul> <li>NO CONNECTION TO EXISTING POTABLE WATER SYSTEM SHALL BE ALLOW UNTIL ALL PROPOSED WATER LINES HAVE BEEN PRESSURE TESTED, DIS CLEARED FOR SERVICE BY FDEP AND ACCEPTED FOR MAINTENANCE BY</li> </ul>	THE EDGE OF PIPELINE TO THE TREE CENTERLINE.  4. ALL ROCK AND UNSUITABLY SIZED STONES (AS DESCRIBED IN APPLICABLE A AND ST. JOHNS COUNTY UTILITIES STANDARDS AND OR PIPE MANUFACTURER
		YE THE TOP OF THE SEWER.	DUCTILE IRON PIPE WILL EXTEND AT LEAS CONTAMINATION.	FAC) 3. ANY LANDSCAPING TREES SHALL BE PLACED A MINIMUM OF 7.5 FEET AWAY FROM
	-HE MAXIMU	REPELINE CONVEYING RECLAIMED WATER NOT REGULATED TER 62—610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION RAMAINS AND GRAVITY—TYPE SANITARY SEWERS SHALL BE F	STOPPED AND THE PROPER AUTHORITIES NOTIFIED. WITH THE APPROVAL OF THE ST. JOHNS COUNTY HEALTH DEPARTMENT, DUCTILE IRON PIPE, FITTINGS AND APPROVED SOLVENT RESISTANT GASKET MATERIAL SHALL BE USED IN THE	ICABLE FEDERAL, STATE AND LOCAL REGULATIONS, AND THE PLANS.
SET FORTH IN SECTION LEAKAGE TEST AND G FOR BACTERIOLOGICAL	GHT. LEA WA STAND	HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, WEEN THE OUTSIDE OF ANY EXISTING PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER	ATION IS FOUND IN THE TRENCH, WORK WILL	JILITY EQUIPMENT, MATERIALS AND INSTALLATION THE LATEST REVISION OF THE MANUAL OF WATE USE DESIGN STANDARDS & SPECIFICATIONS, ALL
RETESTED. THE TWO SETERMINED TO BE	ED. TESI SHALL E	VACUUM-TYPE SANITARY SEWER.	2. A FULL UNCUT LENGTH OF WATERMAIN PIPE (USUALLY 20 FEET) SHALL BE CENTERED AT THE POINT OF CROSSING OF ALL WATER AND SEWER (INCLUDING STORM) LINES AT THE DOINT OF CROSSING OF ALL WATER OF THE VERTICAL	20. ALL WORK, MATERIALS, AND EQUIPMENT SHALL BE IN COMPLETE ACCORDANCE WITH ALL RELEVANT ST. JOHNS COUNTY STANDARDS AND REQUIREMENTS AS WELL AS STATE AND LOCAL REGULATIONS.
ETED, AND THE TRENCH  3E SUBJECTED TO A  THE ENGINEER  A TEST IS TO BE	<ol> <li>AFTER ALL PRESSURE PIPES ARE INSTALLED, THE JOINTS COMPLETED, AND THE TRENCH BACKFILLED, THE NEWLY LAID PIPE AND APPURTENANCES SHALL BE SUBJECTED TO A HYDROSTATIC TEST FOR A PERIOD OF AT LEAST TWO (2) HOURS. THE ENGINEER AND THE SIGNIA MIST RE NOTIFIED AT LEAST 72 HOURS REFORE A TEST IS TO RE</li> </ol>	NATER REGULATED UNDER PART OF CE RELOCATED, UNDERGROUND WATERMA AL DISTANCE OF AT LEAST THREE FEE	1. ALL CURB STOPS ARE TO BE BALL—TYPE WITH LOCKING CAPACITY,  1" MINIMUM.	19. THE ENGINEER OF RECORD AND SJCUD SHALL BE GIVEN FIVE (5) BUSINESS DAYS NOTICE OF ALL REQUESTED MEETINGS AND/OR TESTING MEASURES RELATED TO THE PROJECT.
	ĬЙ	ED, UNDERGROUND WATERMAINS SERMAIN AND THE OUTSIDE OF ANY	TEC.	ENGINEER OF RECORD, AND THE PROPERTY OWNER 72 HOURS PRIOR TO INITIATING ANY EXCAVATION ACTIVITIES, OR AS SPECIFIED BY THE UTILITY COMPANIES AND THE PERMITS OBTAINED FOR THE WORK.
LE IRON PIPE) OR CONCRETE	STRENGTH AT LEAST EQUAL TO THAT OF 0.25—INCH—THICK DUCTILE IRON PIPE) OR CONCRETE ENCASEMENT AT LEAST FOUR INCHES THICK FOR THE OTHER PIPELINE IF IT IS NEW AND IS CONVEYING WASTEWATER OR RECLAIMED WATER."	SEWERS, WASTEWATER OR STORM SELINES, AND ON—SITE SEWAGE TO	. 2" POTABLE AND RECLAIMED WATERMAINS AND FORCEMAINS SHALL BE	IESTS SHALL BE TAKEN AFTER COMPACTION
\ <u>\</u>		STATE HYDRANT LE STATE HYDRANT LE F A PUBLIC WATER NOHES OR GREATER NO WATERMAINS AN	4. HDD UP TO 36" DIAMETER AND LESS THAN 300 FEET SHALL BE DR11, C906 HDPE. HDD UP TO 24" DIAMETER AND LONGER THAN 300 FEET SHALL BE DR9, C906 HDPE.	17. UNSUITABLE MATERIALS UNDER WATER, SEWER, AND/OR REUSE MAINS SHALL BE REMOVED AND REPLACED WITH SELECTED BACKFILL PROPERLY COMPACTED TO 95% OF MAXIMUM DENSITY. BACKFILL SHALL BE COMPACTED IN A MAXIMUM OF ONE FOOT (1) LISTS DENSITY TESTS SHALL BE TAKEN AFTER COMPACTION OF
H (I.E., HAVING AN IMPACT	_ <u>`</u> =	TO INSTALLATION OF PIPE.  TO INSTALLATION OF PIPE.  THIS SECTION, THE PHRASE "WATERMAINS" SHALL  TO INSTALLATION OF PIPE.	ARGER THAN 36" DIA	UNSUITABLE MATERIAL FROM HIS OPERATION. FURNISHING AND COMPACTING SUITABLE REPLACEMENT BACKFILL MATERIAL SHALL BE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.
IAN THREE FEET HORIZONTALLY VERTICAL DISTANCE FROM	(B) WHERE AN UNDERGROUND WATERMAIN IS BEING LAID LESS THAN THREE FEET HORIZONTALLY FROM ANOTHER PIPELINE AND WHERE AN UNDERGROUND WATERMAIN IS CROSSING ANOTHER PIPELINE AND IS BEING LAID LESS THAN THE REQUIRED MINIMUM VERTICAL DISTANCE FROM	ALL INSTALL ALL MAIN JLE 62-555.314, FAC IN ANY INSTANCE WI	SHALL BE DR23, C903 PVC WITH POSH-ON, GASKETED, AND RESTRAINED JOINTS OR DR11, C906 HDPE OR DR25, C905 FPVC. POTABLE AND RECLAIMED WATERMAINS  16" THROUGH 36" DIAMETER SHALL BE DIP CLASS 250 WITH PUSH-ON, GASKETED, AND RESTRAINED JOINTS. FUSIBLE PVC SHALL NOT BE USED FOR HDD.	AND BUILDI
AT LEAST FOUR INCHES	∃∑	STANDARD WATER/ SEWER/ RECLAIMED WATER SEPARATION STATEMENT:	S. FUSIBLE PVC SHALL NOT BE USED FOR HUD.	REPLACED/REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL E
OR EITHER THE WATERMAIN	2. USE OF WELDED, FUSED, OR OTHERWISE RESTRAINED JOINTS FOR OR THE OTHER PIPELINE; OR	LOPMENT SERVICES.	-ON, GASKEIE C (FPVC). PC IP CLASS 350	OPERATIONS ANY DAMAGE TO EXIST
THE OTHER PIPELINE IF IT IS	IDS INCORPORATED INTO RULE 62—555.330, F.A.C TY— OR VACUUM—TYPE PIPELINE;	D HAS APPROVED PRELIMINARY (SIGNED AND SEALED)	PIPE NOTES:  CLAIMED WATERMAINS AND FORCEMAINS 4" THROUGH 12" DIV	13. THE CONTRACTOR SHALL PROTECT SURVEY MARKERS, MONUMENTS, ETC.  ADDITIONAL EXPENSE TO THE OWNER, ANY DAMAGE DONE BY CONSTRUCTION
ARE BEING LOCATED LESS HER PIPELINE:	IS CROSSING ANOTHER PIPELINE AND JOINTS IN THE WATERMAIN ARE BEING LOCATED LESS THAN THE REQUIRED MINIMUM DISTANCE FROM JOINTS IN THE OTHER PIPELINE:	SINGS WILL BE DOCUMENTED OCTION MEASURES CLEARLY DEPIC HES OF VERTICAL CLEARANCE B	PUNCH LIST ITEMS, "AS BUILTS", FDÈP CERTIFICATION OF COMPLETION, ETC) MUST BE SATISFIED PRIOR OF ISSUANCE OF CERTIFICATES OF OCCUPANCY.	12. SHOULD CONDITIONS VARY FROM THOSE SHOWN ON THESE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SJCUD PRIOR TO CONTINUING CONSTRUCTION.
NDERGROUND WATERMAIN	~· =	BETWEEN WATER, SEWER (INCLUDING STORM) AND REUSE NG AND PARALLEL RUNS WHERE THE HORIZONTAL SEPARAT 10 FEET. IN ADDITION, THE CENTERING OF UNCUT LENGTH	BY THE SJCUD (I.E. FINAL INSPECT	ON TH
ON FOR EACH EXCEPTION  ATIVE CONSTRUCTION	PERMIT APPLICANTS PROVIDE TECHNICAL OR ECONOMIC JUSTIFICATION FOR EACH EXCEPTION AND PROVIDE ALTERNATIVE CONSTRUCTION FEATURES THAT AFFORD A SIMILAR LEVEL OF RELIABILITY AND PUBLIC HEALTH PROTECTION. ACCEPTABLE ALTERNATIVE CONSTRUCTION FEATURES INCLUDE THE FOLLOWING:	MILL CLEARLY DEDICT THE VER EQUEST FOR A LETTER OF RELE	CONSTRUCTION BETWEE	NS OF ALL UTILITIES (EXCLUDING EXISTING STORM SAND PROFILE SHEETS HAVE BEEN REFERENCED TO
ONOMICALLY SENSIBLE TO OVE, THE DEPARTMENT SHALL ATER OR CONSTRUCTION	· –	SETS OF PRELIMINARY BLACKLINE "AS—BUILTS" AND COPY ON DISK IN AUTOCAD (FORMAT SHOWING THE REQUIRED INFORMATION, SHALL BE SUBMITTED TO THE ENGINEER OF RECORD.	SEWER, AND/OR REUSE UNIT CONNECTION FEES SHALL BE PAID IN	OWN ON THESE PLAN: HOUT EXCAVATION.
ION 381.0065(2), F.S.,	, oz	VINGS TO THE ENGINEER.  'S PRIOR TO THE FINAL IN	4. THE PROPERTY OWNER SHALL PURCHASE THE WATER METER THROUGH THE SJCUD ON PROJECTS THAT REQUIRE A WATER METER LARGER THAN ONE (1) INCH. THE OWNER'S CONTRACTOR SHALL INSTALL ALL METERS THREE (3) INCHES AND	9. THE CONTRACTOR SHALL FIELD VERIFY THE CONNECTION POINTS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER OF RECORD AND SJCUD IMMEDIATELY.
VASTEWATER FORCEMAIN, R PART III OF CHAPTER PROPOSED "ON—SITE	OR PROPOSED GRAVITY— OR PRESSURE—TYPE SANITARY SEWER, WA OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER 62—610, F.A.C.; AND AT LEAST TEN FEET FROM ANY EXISTING OR F	SIBILITY OF THE CONTRACT SURVEYOR REGISTERED IN SURVEYOR REGISTERED IN TO SIX	3. IT IS THE ENGINEER OF RECORD'S RESPONSIBILITY TO SECURE APPLICABLE PERMITS PRIOR TO CONSTRUCTION.	DEVIATION AND RESTORE IT TO THE APPROVED CONSTRUCTION DRAWING CONFIGURATION AT NO EXPENSE TO THE SJCUD. ANY DEVIATIONS FROM THE APPROVED DOCUMENTS WILL DELAY THE COC SUBMITTAL PROCESS.
FORCEMAIN, OR PIPELINE ER 62-610, F.A.C.; AT ING OR PROPOSED VACUUM-	FROM ANY EXISTING OR PROPOSED STORM SEWER, STORM WATER FORCEMAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART OF CHAPTER 62—610, F.A.C.; AT LEAST THREE FEET, AND PREFERABLY TEN FEET, FROM ANY EXISTING OR PROPOSED VACUUM—  TYPE SANITARY SEWER: AT LEAST SIX EFFT AND ERFFERABLY TEN FEET FROM ANY FYISTING	1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRODUCE, SUBMIT AND OBTAIN APPROVAL OF REPRODUCIBLE "AS—BUILT" DRAWINGS FROM JURISDICTIONAL AGENCIES AS MAY BE REQUIRED.	2. ALL CONNECTIONS TO THE WATER, SEWER, AND/OR REUSE SYSTEM, FLUSHING, AND PRESSURE TESTS TO BE PERFORMED BY THE UTILITY CONTRACTOR OR LICENSED MASTER PLUMBER MUST BE SCHEDULED AT LEAST FIVE (5) WORKING DAYS IN ADVANCE WITH THE SUCUD. A SUCUD INSPECTOR MUST BE PRESENT PRIOR TO THE CONNECTION BEING MADE OR TESTING.	8. THE WATER, SEWER, AND/OR REUSE SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SJCUD APPROVED CONSTRUCTION DRAWINGS AND SPECIFICATIONS. IF THERE IS ANY DEVIATION FROM THE APPROVED CONSTRUCTION DRAWINGS OR SPECIFICATIONS, WITHOUT PRIOR AUTHORIZATION AND CONSENT EBOX THE SIGN THE CONTRACTOR SHALL BEYON.
IR STORM SEWERS, IPELINES, AND ON—SITE FIRE HYDRANTS WITH	OR S	(904) 209-2663 FOR INSPECTION AFTER INSTALLATION INTERCEPTORS, AND/OR OIL-WATER SEPARATORS.  AS-BUILTS:	. ALL COMMERCIAL BUILDING PERMITS AND METERS PROCESSED THROU CUSTOMER SERVICE SHALL BE ACCOMPANIED BY A SET OF APPROVED DESIGN PLANS.	COMPONENT BECOME DAMAGED OR REQUIRE RELOCATION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE AFFECTED UTILITY COMPANY, ENGINEER OF RECORD, COUNTY, AND SJCUD.
CT WITH, ANY PART OF	NO WATERMAIN SHALL I EWER OR STORMWATER	SIGS, WRITEN REPORTS, AND DEFLECTION TEST RESULTS FOR FOR RESULTS FOR RESULTS FOR RESULTS FOR RESULTS FOR RESULTS FOR FOR RESULTS FOR RESULTS FOR RESULTS FOR RESULTS FOR RESULTS FOR FOR RESULTS FOR RESULTS FOR RESULTS FOR RESULTS FOR RESULTS FOR		7. THE CONTRACTOR(S) SHALL LOCATE, VERIFY, AND IDENTIFY ALL EXISTING UTILITIES AND UNDERGROUND UTILITIES SHOWN OR NOT SHOWN ON THE PLANS PRIOR TO ANY EXCAVATING ACTIVITIES AND TAKE ALL MEASURES NECESSARY TO
SEWER MANHOLES.	WATER PATION E	3. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD AND SUCUD ALL	SHALL PROVIDE A MII	6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL LOCATIONS & ELEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
NTED UNDER NTS IN GRAVITY- OR PIPELINES CONVEYING	1S, OR   62-610, -TYPE (	NEIWELLS AND MANHOLES WITH THREE OR MORE SEWER LINES SHALL BE GREEN, SDR26 PIPE, AN DIDE	28. CONTRACTOR IS RESPONSIBLE FOR PROPER NOTIFICATION OF INSPECTING AUTHORITIES BEFORE AND DURING CONSTRUCTION.	5. THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING THE SITE PRIOR TO CONSTRUCTION.
AS POSSIBLE THE PIPES SHALL STORM WATER	OTHER PIP	TEM NC	27. ALL UNDERGROUND VALVES SHALL BE INSTALLED WITH AN ADJUSTABLE CAST IRON VALVE BOX WITH TOP SET TO FINAL GRADE IN ACCORDANCE WITH SJCUD DETAILS AND SPECIFICATIONS. ALL VALVES SHALL HAVE LOCATE MARKERS.	CONTRACTOR LICENSED UNDER THE PROVISIONS OF CHAPTER 489, FLORIDA STATUTES. A COPY OF THE CONTRACTOR'S GENERAL LICENSE AND/OR UNDERGROUND UTILITY LICENSE SHALL BE PROVIDED AT THE PRE—CONSTRUCTION CONFERENCE.
ND (B) ABOVE, VE OR BELOW	(C) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND ONE FULL LENGTH OF WATERMAIN PIPE SHALL BE CENTERED ABOVE	CORRESPOND TO THOSE ON THE BACTERIOLOGICAL SAMPLE CHAIN OF CUSTODY FORMS.	LOCATIONS INDICATED ON THE HE ENGINEER. ALL FITTINGS SHAI TABLE IN THE APPROVED PLAN	CONFERENCE WITH JIREMENTS.
TORM WATER FORCEMAIN,  JE OF THE OTHER  JE OF THE OTHER	PROPOSED PRESSURE—TYPE SANITARY SEWER, WASTEWATER OR STORM WATER FORCEMAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATERMAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER BIDGING THE BIDGING THE OTHER BIDGING THE BIDGING THE OTHER BIDGING THE	STATE PLUMBING CODE AND SJCUD STANDARDS.  BACTERIOLOGICAL SAMPLE POINTS SHALL BE INDICATED  BACTERIOLOGICAL SAMPLE POINTS SHALL BE INDICATED	25. WHERE FORCEMAINS, WATERMAINS, OR RECLAIMED WATERMAINS ARE LAID WITHOUT FITTINGS, THE MAXIMUM DEFLECTION SHALL BE 80% OF THAT RECOMMENDED BY THE MANUFACTURER.	LETED WITHIN TEN (10) BUSINESS DAYS.  OF BECORD THE LITERY CONTRACTOR AND THE SIGN BOOK TO BE SECOND THE SIGN BOOK
BOVE THE OTHER PIPELINE.  NY EXISTING OR	(B) NEW OR RELOCATED, UNDERGROUND WATERMAINS CROSSING AN	WITH AWWA STANDARD C651 AND RULE 62—555.340, F.A.C.  10. ALL NEW AND RELOCATED WATER SERVICES SHALL BE IN CONFORMANCE WITH	RIGHTS-OF-WAY. FOR MAINS 12 INCHES OR GREATER, THE M MAXIMUM COVER SHALL BE 42 INCHES AND 54 INCHES, RESPE EXCEPTIONS WILL BE MADE FOR CONFLICTS.	MATERIALS MANUAL (STAMPED APPROVED BY THE ENGINEER) SHALL BE SUBMITTED TO SJCUD FOR REVIEW PRIOR TO SCHEDULING THE MANDATORY PRE—CONSTRUCTION CONFERENCE. THE INITIAL SHOP DRAWING REVIEW BY SJCUD WILL BE COMPLETED WITHIN FIFTEEN (15) BUSINESS DAYS. SUBSEQUENT SHOP DRAWING REVIEWS WILL
NY EXISTING OR W SEWER SHALL BE S, AND PREFERABLY	(A) NEW OR RELOCATED, UNDERGROUND WATERMAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY—OR VACUUM—TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATERMAIN IS AT LEAST SIX INCHES, AND PREFERABLY	NEW AND RELOCATED WATERMAINS SHALL BE PRESSURE TESTEI AGE TESTED IN ACCORDANCE WITH AWWA STANDARD C605, LATE	WASTEWATER, AND RECLAIMED MAINS SMALLER THAN 16 IN MAXIMUM COVER SHALL BE 30 INCHES AND 36 INCHES, IN UNPAVED AREAS AND 36 INCHES AND 42 INCHES, IN PAVED AREAS OR AS REQUIRED WITHIN FDOT OR RA	HESE NOTES CONFLICT WITH THE SPECIFICATIONS IN PART II PART III GOVERNS.
		ENT (SJCUD) GENERAL NOTES	ST. JOHNS COUNTY UTILITY DEPARTME	GENERAL:

**UTILITES** Notes / DETAILS

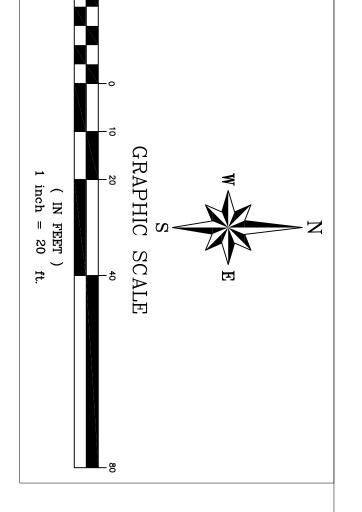
veles locistics BUSINESS PARK



65 LEWIS BLVD ST. AUGUSTINE, FLORIDA 32084 904-814-7633 C.A. #30799

Date Revisions





12. TREES SHALL HAVE MINIMUM HEIGHT OF (8) EIGHT TO (10) TEN FEET AND (2) TWO INCHES OF CALIPER. 13. HEIGHT OF FENCING TO BE MEASURED FROM THE FINISHED GRADE AT THE MINIMUM REQUIRED SETBACK OR BUFFER LINE OF THE PROPERTY REQUIRING THE FENCE

11. SOD WILL BE BAHIA AND WILL ONLY REQUIRE INITIAL IRRIGATION TO ESTABLISH

10. THE TREES TO BE PLANTED WILL BE ON A BUBBLER SYSTEM AND THE SHRUBS PLANTED WILL BE DRIP SYSTEM

PLANT MATERIAL SHALL CONFORM TO THE STANDARDS FOR GRADE #1 OR BETTER AS GIVEN IN THE LATEST "GRADES AND STANDARDS FOR NURSERY PLANTS, PART 1 AND PART 2," FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES OR TO THE STANDARDS AS GIVEN IN THE LATEST "AMERICAN STANDARD FOR NURSERY STOCK, "AMERICAN NATIONAL STANDARDS INSTITUTE. LDC SEC. 6.-6.02.D1

3. 4" OF PINE BARK OR PINE STRAW MULCH MIN. 5 FT DIAM. NO CLOSER THAN 6" TO TRUNK WILL BE PROVIDED AROUND ALL NEW PLANTED MATERIALS

RED BUD

E CON RED CEDAR

1. ALL REQUIRED CONTINUOUS SHRUB LINES WILL BE PLANTED AT THE REQUIRED MINIMUM HEIGHT, WHICH IS 24 " HIGH WHEN PLANTED WITH MAX. 3' SPACING AND NOT BY CONTAINER SIZE.
2. 100% OF THE NEW LANDSCAPING WILL BE IRRIGATED BY PRIVATE WELL.

LIVE OAKS

DWARF WAX MYRTLES

Myrica cerifera var. pumila

Date Revisions

PROJECT SITE CONTAINS 1.85 ACRES

80 INCHES TIMES 1.85 = 148 REQUIRED INCHES

THERE ARE NO PROTECTED TREES BEING REMOVED ALL PINES

7. SOIL IN TREE ISLANDS SHALL HAVE AT LEAST 12" OF SUITABLE SOIL FOR TREE PLANTINGS, AND BE VOID OF ANY CONSTRUCTION DEBRIS OR UNSUITABLE MATERIALS.

6. NON-CANOPY TREES SHALL NOT BE PLANTED CLOSER FT FROM OTHER TREES AND CANOPY TREES NO CLOSER 20-30 FT DEPENDING ON SPECIES.

THAN 10

9. ALL IRRIGATION SYSTEMS ARE TO BE ALL LOW VOLUME WATER EFFICIENT IRRIGATION FOR WATER CONSERVATION LOW VOLUME IRRIGATION NOT TO EXCEED 30 GALLONS PER

EXAMPLES OF LOW VOLUME IRRIGATION INCLUDE DRIP, SOAKER, BUBBLER, TRICKLE OR MICRO SYSTEMS.

8. TREE PLANTINGS SHALL NOT BE PLANTED CLOSER THAN 7.5 FT FROM THE CENTERLINE OF UNDERGROUND UTILITIES

5.BALLED AND BURLAPPED STRAPPING WIRE, AND ANY SYNTHETIC MATERIAL SHALL BE REMOVED PRIOR TO FINAL INSPECTION. WIRE BASKETS SHOULD BE CUT AWAY FROM TOP ONE THIRD OF ROOT BAIL.

4. VEGETATION THAT EXCEEDS 25 FT IN HEIGHT AT MATURITY SHOULD NOT BE PLANTED ANY CLOSER THAN 10 FT OF THE VERTICAL PLANE OF AN EXISTING POWER LINE, EXCLUDING SERVICE WIRES.

2 X 17 34"

PALATKA HOLLIES

20 EA @ 2" = 2 x 20= 36"

LANDSCAPE PLAN

VELES LOGISTICS BUSINESS PARK

10-6-22

REQUIREMENTS

CITY'S

REQUIREMENTS

SITE MAPS:
\* SEE ATTACHED GRADING PLAN FOR PRE & POST DEVELOPMENT GRADES,
\* AREAS OF SOILS, DISTURBANCE, LOCATION OF SURFACE WATERS, WETLANDS,
PROTECTED AREAS, MAJOR STRUCTURAL AND NONSTRUCTURAL CONTROLS
AND STORM WATER DISCHARGE POINTS. SOILS:
SEE SOIL BORING REPORT FOR SOILS DATA E NUMBERS:

PRE-CONSTRUCTION = 79

DURING CONSTRUCTION = 8

POST-CONSTRUCTION = \_8 INSTALL STABILIZED

CONSTRUCTION ENTRANCE
INSTALL SILT FENCES AND HAY
BALES AS REQUIRED
CLEAR AND GRUB FOR DIVERSION
SWALES/DIKES AND SEDIMENT
BASIN
CONSTRUCT SEDIMENTATION
BASIN STOCK PILE TOP SOIL IF REQUIRED PERFORM PRELIMINARY GRADING ON SITE AS REQUIRED STABILIZE DENUDED AREAS AND STOCKPILES AS SOON AS PRACTICABLE CLEARING

RUNOFF CURVE

TOTAL AREA OF SITE

SITE AREA:

NAME OF

THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN OFF. AN EROSION AND TURBIDITY PLAN HAS BEEN BUSINESS PARKARED TO INSTRUCT THE CONTRACTOR 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. STORM WATER MANAGEMENT AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCES AND HAY BALES, STABILIZED CONSTRUCTION ENTRANCE AND SEDIMENT BASIN WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED PERMANENTLY IN ACCORDANCE WITH THE PLANS. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT TRAPS AND THE EARTH DIKE/SWALES WILL BE REGRADED/REMOVED AND STABILIZED IN ACCORDANCE WITH THE EROSION & TURBIDITY CONTROL PLAN.

WATER DRAINAGE WILL BE PROVIDED BY (DESRIPTION:) \_\_\_\_

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 .92 ACRES WILL HAVE BEEN REGRADED, O ACRES LEFT UNDISTURBED. THE SITE DISCHARGES TO A DRY DETENTION SYSTEM. WHERE PRACTICAL, TEMPORARY SEDIMENT BASINS WILL BE USED TO INTERCEPT SEDIMENT BEFORE ENTERING THE PERMANENT DETENTION BASIN.

THIS IS IN ACCORDANCE WITH THE REQUIREMENTS
SET FORTH BY THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT FOR THIS STYPE OF DEVELOPMENT AT THE TIME OF PERMITTING. SIHL TURBIDITY CONTRACTORS RESPONSIBILITY TO IMPLEMENT 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 POLLUTED 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 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 REQUIREMENTS IMPOSED ON THE PROJECT
SITE BY THE REGULATORY AGENCIES.

CONTROLS

REFER TO " CONTRACTORS RESPONSIBILITY" CONTROL/MEASURES.

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CONTROLS/MEASURES

FOR

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 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. IF NECESSARY, MEASURES SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO INSURE 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 LOCATION, MATERIAL & USAGE.

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. DREDGE/FILL PERMIT # \_
C.O.E. DREDGE/FILL PERMIT # \_
S.J.R.W.M.D. M.S.S.W. PERMIT #\_\_

PILITER 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 DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES.

REFER TO CITY STANDARD DETAIL D—910 FOR PROPER CONSTRUCTION OF THE FILTER FABRIC BARRIER.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE BUSINESS PARKARED UNDER MY DIRECTION OR SUPERVISION ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY 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 BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

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

STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORM V COLLECTION FACILITY.

CURBS & GUTTER.

CURBS & GUTTER.

APPLY BASE TO PROJECT

COMPLETE GRADING AND INSTALL PERMANENT

SEEDING/SOD AND PLANTING

COMPLETE FINAL PAVING

REMOVE ACCUMULATED

SEDIMENT FROM BASINS

WHEN ALL CONSTRUCTION

ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE ANY TEMPORARY DIVERSION

SWALES/DIKES AND RESEED/SOD AS REQUIRED

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<u>1</u>0.

TIMING OF CONTROLS/MEASURES

MAINTENANCE: CONSTRUCTED MAINTAINED DU FUNCTION AS 1 NANCE: ALL FEATURES OF THE PROJECT DESIGNED AND RUCTED TO PREVENT EROSION AND SEDIMENT SHALL BE AINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO ION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.

PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES.

PERMANEN CONSTRU PROVIDE VEGETATI OR SODD NENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY IRUCTION WILL, AS A MINIMUM, BE SEEDED. THE SEEDING MIX MUST DE BOTH LONG—TERM VEGETATION AND RAPID GROWTH SEASONAL ATION. SLOPES STEEPER THAN 4:1 SHALL BE SEEDED AND MULCHE

JCTURA

TEMPO USED AND I RARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE TO DIVERT RUNOFF THROUGH A SEDIMENT—TRAPPING FACILITY. T SHALL BE CONSTRUCTED IN ACCORDANCE TO D—914.

TEMPORARY SEDIMENT TRAP: A SEDIMENT TRAP SHALL BE INSTALLED AN DRAINAGEWAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF DISCHARGE FROM A DISTURBED AREA.

THE FOLLOWING SEDIMENT TRAPS MAY BE CONSTRUCTED EITHER INDEPENDANTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION DIKE:

A. BLOCK & GRAVEL SEDIMENT FILTER — THIS PROTECTION IS APPLICABLE WHERE HEAVY FLOWS AND/OR WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE. REFER TO D-902 FOR CONSTRUCTION OF A CURB INLET SEDIMENT FILTER, AND D-904 FOR CONSTRUCTION OF , 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 AREAS. REFER TO D—903 FOR CONSTRUCTION OF CURB INLET & DROP SEDIMENT TRAP.

C. DROP INLET SEDIMENT TRAP — THIS PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (S < 5%) AND WHERE SHEET OR OVERLAND FLOWS (Q < 0.5 CFS) 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.

" ALL MATERIALS STORED ON MANNER IN THEIR APPROPI

PRODUCTS WILL BE KEPT IN THEIR ORIGINAL ORIGINAL MANUFACTURER'S LABEL.

OUTLET PROTECTION: APPLICABLE TO THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE FLOW COULD CAUSE EROSION & SEDIMENT PROBLEM TO THE RECEIVING WATER BODY. SILT FENCES & HAY BALES ARE TO BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE DISCHARING STRUCTURE AS SHOWN ON THE OUTLET PROTECTION DETAIL.

SEDIMENT BASIN: WILL BE CONSTRUCTED AT THE COMMON DRAINAGE LOCATIONS THAT SERVE AN AREA WITH 10 OR MORE DISTURBED ACRES AT ONE TIME, THE PROPOSED STORM WATER PONDS (OR TEMPORARY PONDS) WILL BE CONSTRUCTED FOR USE AS SEDIMENT BASINS. THESE SEDIMENT BASINS MUST PROVIDE A MINIMUM OF 3,600 CUBIC FEET OF STORAGE PER ACRE DRAINED UNTIL FINAL STABILIZATION OF THE SITE.

MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.

CONSTRUCTED ON UNDISTURBED SOIL AND THE AREA BELOW T LIP IS STABILIZED. THE WATER SHOULD NOT BE ALLOWED TO RECONCENTRATE AFTER RELEASE. LEVEL SPREADER SHALL BE IN ACCORDANCE TO CITY STANDARD DETAIL D-914. THE LEVEL

EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL NOT EXCEED 10 ACRES. THIS REQUIREMENT MAY BE WAIVED FOR LARGE PROJECTS WITH AN EROSION CONTROL PLAN WHICH DEMONSTRATES THAT OPENING OF ADDITIONAL AREAS WILL NOT SIGNIFICANTLY AFFECT OFF—SITE DEPOSIT

CONTROLS

MAJOR

ACTIVITIES:

TEMPORA
AND TH/
RECEIVE
WITH A COVER D
COVER D
LATER C RARY SEEDING: AREAS OPENED BY CONSTRUCTION OPERATIONS HAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND E FINAL GRASSING TREATMENT WITHIN 30 DAYS SHALL BE SEEDED QUICK GROWING GRASS SPECIES WHICH WILL PROVIDE AN EARLY DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT COMPETE WITH THE PERMANENT GRASSING.

TEMPOR/ FALL V SHALL LOOSE AREA /

TEMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED OR HYDROMULCHED OR OTHER SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER.

TEMPORARY GRASSING SHALL BE THE SAME MIX & AMOUNT REQUIRED FOR PERMANENT GRASSING IN THE CONTRACT SPECIFICATIONS.

TEMPORARY REGRASSING: IF, AFTER 14 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 125 PERCENT GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER.

INVENTORY FOR POLLUTION

PREVENTION

PLAN

Asphalt
Tar
Detergents Solvents BELOW EXPECTED 7

Fertilizers
Petroleum
Cleaning S
Paints

Wood Masonry Blocks Roofing Materials Metal Studs \_\_\_\_\_\_

THE SPILL PREVENTION PLAN WILL BE A PREVENT THIS TYPE OF SPILL FROM REITHE SPILL IF THERE IS ANOTHER ONE. A CAUSED IT, AND THE CLEANUP MEASUR ED TO INCLUDE MEASURES TO RING AND HOW TO CLEAN UP RIPTION OF THE SPILL, WHAT LALSO BE INCLUDED.

TION PROCEDURES

THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS. NO MORE THAN 10 ACRES OF THE SITE WILL BE DENUDED WITHOUT WRITTEN PERMISSION FROM THE ENGINEER. AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE ΑŢ THAT ONE 踞

ALL TURBIDITY CONTROL MEASURES ORDER; IF A REPAIR IS NECESSARY, REPORT. ALL CONTROL MEASURES WILL BE INSPECTED BY THE SUPERINTENDENT, THE PERSON RESPONSIBLE FOR THE DAY TO DAY SITE OPERATION OR SOMEONE APPOINTED BY THE SUPERINTENDENT, AT LEAST ONCE A WEEK AND FOLLOWING ANY STORM EVENT OF 0.25 INCHES OR GREATER. BE MAINTAINED IN GOOD WORKING WILL BE INITIATED WITHIN 24 HOURS

CONSTRUCTED THE 3,600 CUBIC FEET OF STORAGE AREA PER ACRE DRAINED DOES NOT APPLY TO FLOWS FROM OFFSITE AREAS AND FLOWS FROM ONSITE AREAS THAT ARE EITHER UNDISTURBED OR HAVE UNDERGONE FINAL STABILIZATION WHERE SUCH FLOWS ARE 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.

PROTECTION: INLETS AND CATCH BASINS WHICH DISCHARGE
ILY OFF-SITE SHALL BE PROTECTED FROM SEDIMENT-LADEN STORM
ILY OFF-SITE SHALL BE PROTECTED FROM SEDIMENT-LADEN STORM
ILY OFF-SITE SHALL BE PROTECTED FROM SEDIMENT-LADEN STORM
ILY OFF-SITE SEDIMENT TO THE INLET. ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID 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 WILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES THE DAY—TO—DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

RARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPH 8 ABOVE L ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHESE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEE ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH.

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES AND THE SITE SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES DAY—TO—DAY SITE OPERATIONS, WILL BE RESPONSIBLE F SEEING THAT THESE PRACTICES ARE FOLLOWED.

ALL SANITARY WASTE WILL 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 REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEPT DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN.

ALL SPILLS WILL BE CLEANED UP IMMET

MATELY AFTER DISCOVERY.

THE SPILL AREA WILL BE KEPT WELL VEWEAR APPROPRIATE PROTECTIVE CLOTHICONTACT WITH A HAZARDOUS SUBSTAN ENTILATED AND PERSONNEI ING TO PREVENT INJURY F

THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY—TO—DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IF APPLICABLE, IN THE OFFICE TRAILER ONSITE.

BUSINESS NAME AND ADDRESS RESPONSIBLE FOR/DUTIES SIGNATURE OF CONTRACTOR & ALL SUBS GENERAL CONTRACTOR

TO Ħ RISKS ASSOCIATED

TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.

DIVERSION DIKES/SWALES WILL BE INSPECTED AND ANY BREACHES PROMPTLY REPAIRED.

먪 FOLLOWED ONSITE:

PETROLEUM PRODUCTS

ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED AREA. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.

BE ALLOWED TO WASH OUT OR DISCHARGE WASH WATER ON THE SITE.

WATER FROM WATER LINE FLUSHING

IN ADDITION
PRACTICES D
FOLLOWING P
CLEANUP: N TO THE GOOD HOUSEKEEPING DISCUSSED IN THE PREVIOUS S PRACTICES WILL BE FOLLOWED CONTROL PRACTICES 3 AND MATERIAL MANAGEMENT SECTIONS OF THIS PLAN, THE FOR SPILL PREVENTION AND

MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL BE MADE AWARE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES. 유

MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, LIQUID ABSORBENT (i.e. KITTY LITTER OR EQUAL), SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.

SUB-CONTRACTOR

SUB-CONTRACTOR

SUB-CONTRACTOR

SUB-CONTRACTOR

SPILL OF TOXIC OR HAZARDOUS MATERI APPROPRIATE STATE OR LOCAL GOVERN SIZE OF THE SPILL. NAL WILL BE REPORTED TO THE

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSIOF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

MANAGEMENT PRACTICES

GOOD HOUSEKEEPING

THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT.

WILL BE MADE TO STORE

ONLY ENOUGH PRODUCT REQUIRED

THESE PRACTICES ARE HAZARDOUS MATERIALS

TY DATA

THE SEDIMENT BASINS WILL I AND BUILT UP SEDIMENT WIL PERCENT OF THE DESIGN CAWHICHEVER COMES FIRST.

WILL BE INSPECTED FOR THE DEPTH OF SEDIMENT, WILL BE REMOVED WHEN IT REACHES 10 CAPACITY OR AT THE END OF THE JOB,

SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEE IF THE FABRIC IS SECURELY ATTACHED TO SEE THAT THE FENCE POSTS ARE FIRMLY IN

SEDIMENT, TEARS, TO THE FENCE POSTS, AND IN THE GROUND.

Date

Revisions

SE SE OF, MANUFACTURER'S (PROPER DISPOSAL WILL OR L LOCAL

PRODUCT SPECIFIC PRACTICES
THE FOLLOWING PRODUCT SPECIFIC PRAC

\* A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. A COPY OF THE REPORT FORM TO BE COMPLETED BY THE INSPECTOR IS ATTACHED.

THE REPORTS WILL BE KEPT ON SITE DURING CONSTRUCTION AND AVAILABLE UPON REQUEST TO THE OWNER, ENGINEER OR ANY FEDERAL, STATE OR LOCAL AGENCY APPROVING SEDIMENT AND AND EROSION PLANS, OR STORM WATER MANAGEMENT PLANS.

THE REPORTS SHALL BE MADE AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED AND THE NOTICE OF TERMINATION IS SUBMITTED THE REPORTS SHALL IDENTIFY ANY INCIDENTS OF NON—COMPLIANCE.

PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE. SUPERINTENDENT. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER. SITE SUPERINTENDENT WILL SELECT UP TO THREE INDIVIDUALS WHO INTIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE

IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD: WATER DISCHARGES

ALL NON-STORM WATER DISCHARGES BASIN PRIOR TO DISCHARGE. UNCONTAMINATED GROUNDWATER (FROM DEWATERING PAVEMENT WASH WATERS (WHERE NO HAZARDOUS MATERIALS HAVE OCCUR WILL BE DIRECTED EXCAVATION). 70 THE SEDIMENT 유

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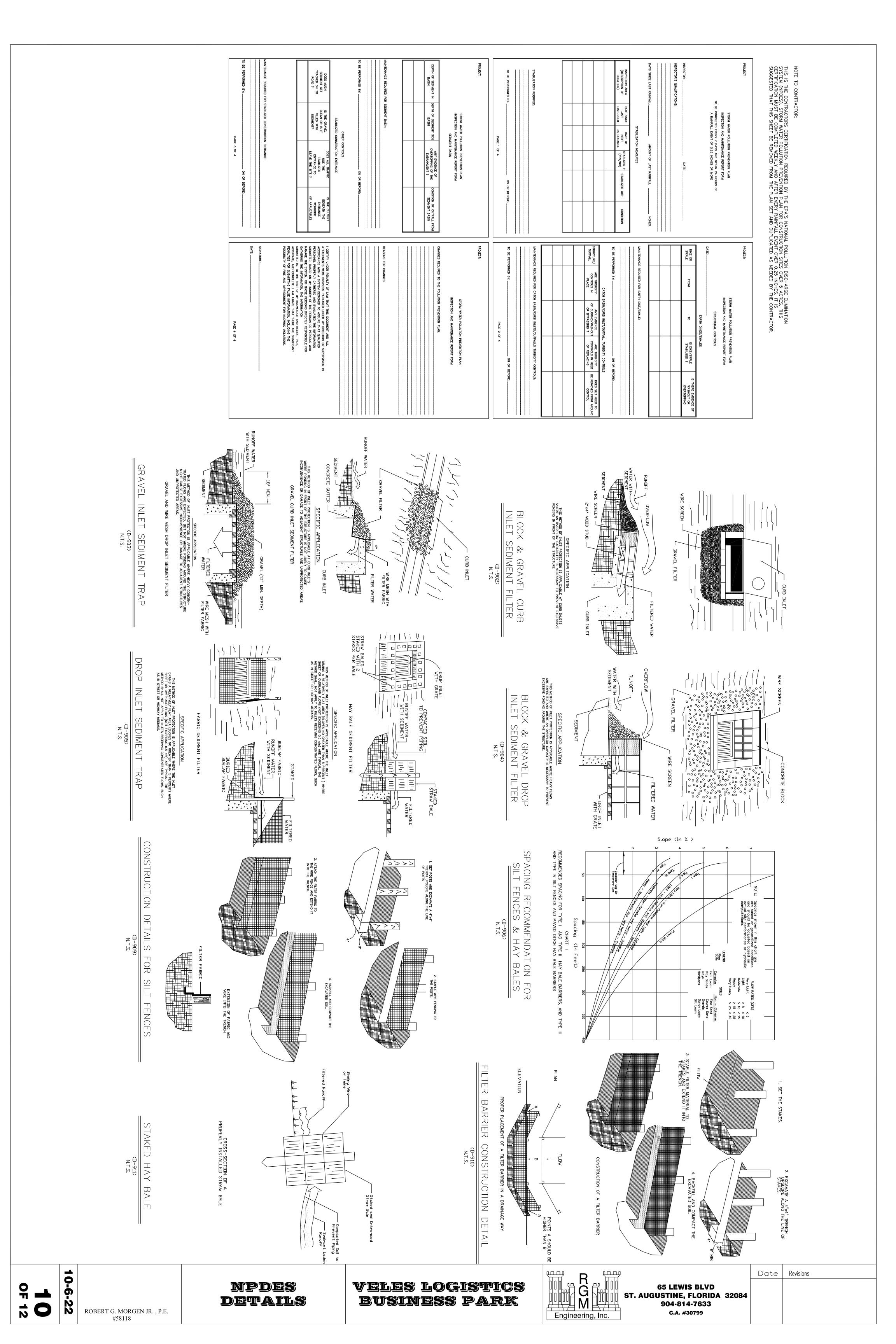
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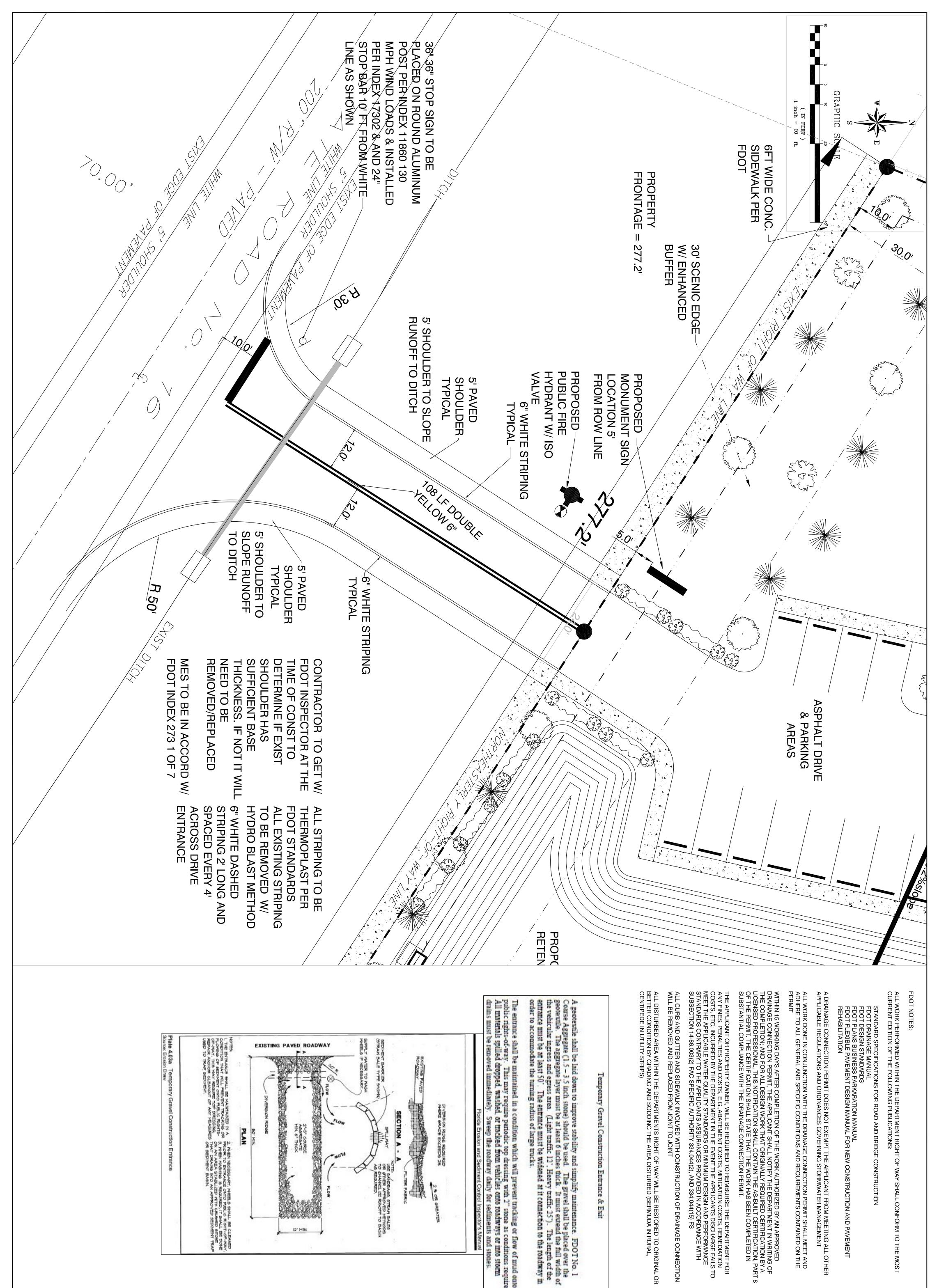
10-6-9 6 **N**2 7

NPDES NOTES

WATER

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

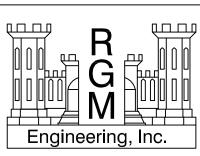




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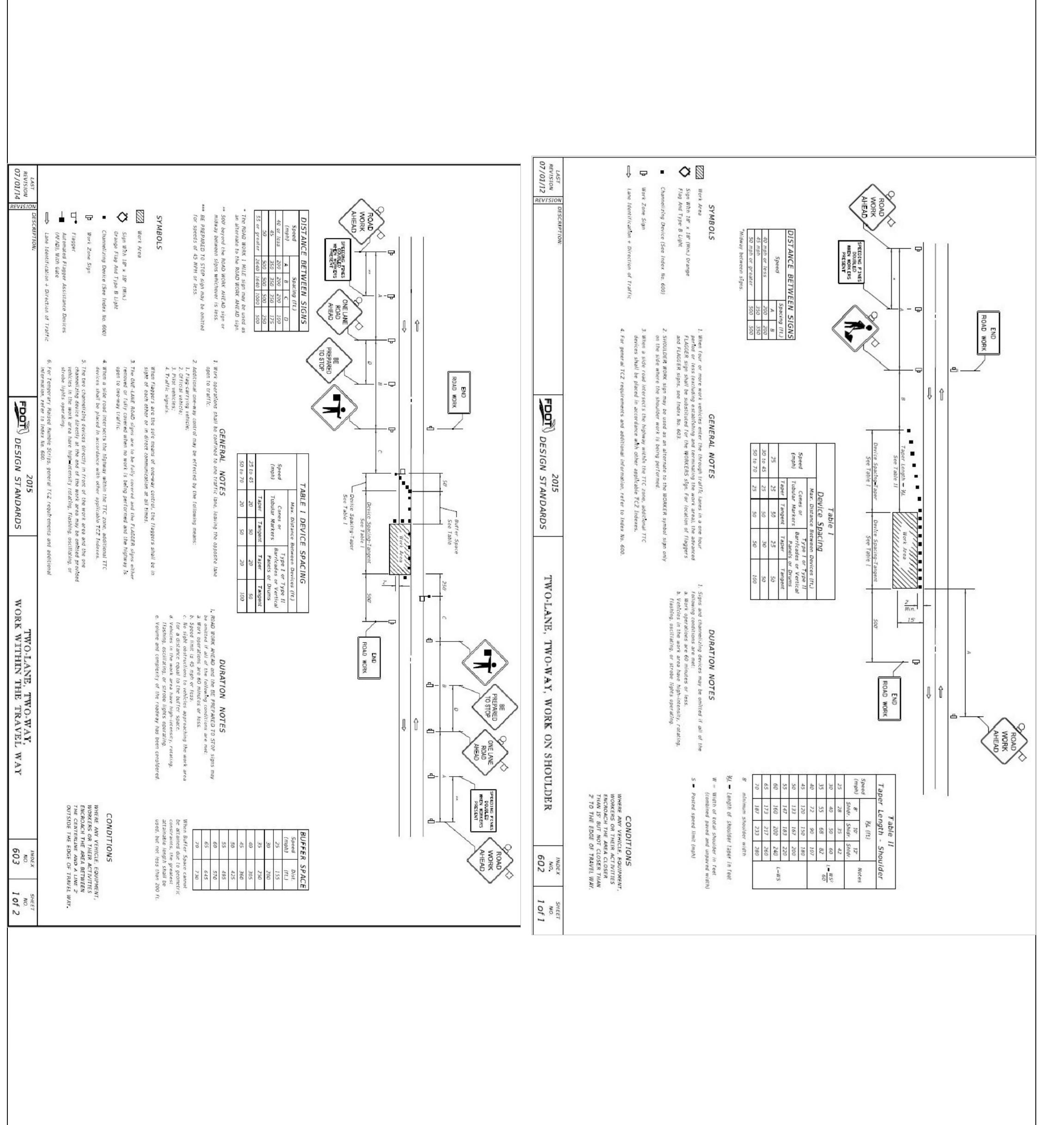
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ROBERT G. MORGEN JR., P.E. #58118



10-6-22

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FDOT DRIVEWAY MOT PLAN

VELES LOGISTICS BUSINESS PARK

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