



GENERAL CONSTRUCTION NOTES

- 1. THE CONTRACTOR AND SUBCONTRACTORS SHALL OBTAIN A COPY OF THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION) AND BECOME FAMILIAR WITH THE CONTENTS PRIOR TO COMMENCING WORK, AND, UNLESS OTHERWISE NOTED, ALL WORK SHALL CONFORM AS APPLICABLE TO THESE STANDARDS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS.
3. EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
7. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK.
8. ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE OWNER AND DESIGN ENGINEER OF RECORD DIRECTLY FROM THE TESTING AGENCY.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS.
11. ANY WELLS DISCOVERED ON SITE THAT WILL HAVE NO USE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL JURISDICTIONAL AGENCIES.
12. ANY WELL DISCOVERED DURING EARTH MOVING OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED.

DEMOLITION NOTES

- 1. ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
2. REFER TO THE TOPOGRAPHIC SURVEY FOR ADDITIONAL DETAILS OF EXISTING STRUCTURES, ETC., LOCATED WITHIN THE PROJECT SITE. UNLESS OTHERWISE NOTED, ALL EXISTING BUILDINGS, STRUCTURES, SLABS, CONCRETE, ASPHALT, DEBRIS PILES, SIGNS, AND ALL APPURTENANCES ARE TO BE REMOVED FROM THE SITE BY THE CONTRACTOR AND PROPERLY DISPOSED OF IN A LEGAL MANNER AS PART OF THIS CONTRACT.
3. THE CONTRACTOR SHALL REFER TO THE DEMOLITION PLAN FOR DEMOLITION/PRESERVATION OF EXISTING TREES, ALL TREES NOT SPECIFICALLY SHOWN TO BE PRESERVED OR RELOCATED SHALL BE REMOVED AS A PART OF THIS CONTRACT.
4. LAND DISTURBANCE ACTIVITIES SHALL ONLY OCCUR AFTER ALL PROPER PERMITS &/OR APPROVALS ARE OBTAINED FROM ESCAMBIA COUNTY AND ANY OTHER AGENCIES AS REQUIRED.

PAVING, GRADING AND DRAINAGE NOTES

- 1. ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN COUNTY'S RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL OR COUNTY SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FDOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL OR COUNTY REGULATIONS.
2. ALL UNPAVED AREAS IN EXISTING RIGHTS-OF-WAY DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND SODDED.
3. TRAFFIC CONTROL ON ALL FDOT, LOCAL AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (U.S. DOT/FHA) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURISDICTION.
4. THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WASHOUTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL A GRASS STAND IS WELL ESTABLISHED OR ADEQUATE STABILIZATION OCCURS.
5. ALL OPEN AREAS WITHIN THE PROJECT SITE SHALL BE SODDED UNLESS INDICATED OTHERWISE ON THE LANDSCAPE PLAN.
6. ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS.
7. WHERE EXISTING PAVEMENT IS INDICATED TO BE REMOVED AND REPLACED, THE CONTRACTOR SHALL SAW CUT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND REPLACE THE PAVEMENT WITH THE SAME TYPE AND DEPTH OF MATERIAL AS EXISTING OR AS INDICATED.
8. WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND MATCH THE EXISTING PAVEMENT ELEVATION WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.
9. THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER.
10. IF DEWATERING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS.
11. STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED.
12. FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE LOCAL JURISDICTIONAL AGENCY OR TO FDOT STANDARDS.
13. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED AS PER PLANS.
14. ALL CUT OR FILL SLOPES SHALL BE 4 (HORIZONTAL) :1 (VERTICAL) OR FLATTER UNLESS OTHERWISE SHOWN.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL.
16. THE CONTRACTOR SHALL TAKE ALL REQUIRED MEASURES TO CONTROL TURBIDITY, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK.
17. SOD, WHERE CALLED FOR, MUST BE INSTALLED AND MAINTAINED ON EXPOSED SLOPES WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIME AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES.
18. THE CONTRACTOR MUST REVIEW AND MAINTAIN A COPY OF THE ENVIRONMENTAL RESOURCE PERMIT COMPLETE WITH ALL CONDITIONS, ATTACHMENTS, EXHIBITS, AND PERMIT MODIFICATIONS IN GOOD CONDITION AT THE CONSTRUCTION SITE.
19. THE CONTRACTOR SHALL ENSURE THAT ISLAND PLANTING AREAS AND OTHER PLANTING AREAS ARE NOT COMPACTED AND DO NOT CONTAIN ROAD BASE MATERIALS.
20. THE CONTRACTOR SHALL INSTALL ALL UNDERGROUND STORM WATER PIPING PER MANUFACTURER'S RECOMMENDATIONS.

WATER AND SEWER UTILITY NOTES

- 1. THE CONTRACTOR SHALL CONSTRUCT GRAVITY SEWER LATERALS, MANHOLES GRAVITY SEWER LINES AND DOMESTIC WATER AND FIRE PROTECTION SYSTEM AS SHOWN ON THESE PLANS.
2. ALL EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE.
3. THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNLESS SHOWN OTHERWISE.
4. DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS.
5. ALL PHASES OF INSTALLATION, INCLUDING UNLOADING, TRENCHING, LAYING AND BACK FILLING, SHALL BE DONE IN A FIRST CLASS WORKMANLIKE MANNER.
6. WATER FOR FIRE FIGHTING SHALL BE AVAILABLE FOR USE PRIOR TO COMBUSTIBLES BEING BROUGHT ON SITE.
7. ALL UTILITY AND STORM DRAIN TRENCHES LOCATED UNDER AREAS TO RECEIVE PAVING SHALL BE COMPLETELY BACK FILLED IN ACCORDANCE WITH THE GOVERNING JURISDICTIONAL AGENCY'S SPECIFICATIONS.
8. UNDERGROUND LINES SHALL BE SURVEYED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR PRIOR TO BACK FILLING.
9. CONTRACTOR SHALL PERFORM, AT HIS OWN EXPENSE, ANY AND ALL TESTS REQUIRED BY THE SPECIFICATIONS AND/OR ANY AGENCY HAVING JURISDICTION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL.

EROSION CONTROL NOTES

- 1. THE STORM WATER POLLUTION PREVENTION PLAN ("SWPPP") IS COMPRISED OF THE EROSION CONTROL PLAN, THE STANDARD DETAILS, THE PLAN NARRATIVE, ATTACHMENTS INCLUDED IN SPECIFICATIONS OF THE SWPPP, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
2. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
3. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP.
4. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE.
5. EROSION CONTROL PLAN MUST CLEARLY DELINEATE ALL STATE WATERS.
6. THE CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
7. CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA.
8. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
9. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ON SITE.
11. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS.
12. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THE PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.
13. STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY CEASED.
14. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED.
15. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD.
16. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED AS SOON AS POSSIBLE.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.

EROSION CONTROL NOTES (CONT.)

- 18. ON-SITE & OFF SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES.
19. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
20. DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION.
21. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY, THIS INCLUDES BACK FILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

MAINTENANCE

- ALL MEASURES STATED ON THE EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE.
1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED.
3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED.
4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY.
5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION.
6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES.
7. ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN 2 CALENDAR DAYS FOLLOWING THE INSPECTION.

ESCAMBIA COUNTY NOTES

- 1. THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO ESCAMBIA COUNTY "AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY ESCAMBIA COUNTY ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND CERTIFICATE OF OCCUPANCY.
2. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.
3. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND THE ESCAMBIA COUNTY.
4. THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE.
5. RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETED PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT MAY INCREASE STORMWATER RUNOFF RATES.
6. ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD.
7. ALL NEW BUILDING ROOF DRAINS, DOWN SPOUTS, OR GUTTERS SHALL BE ROUTED TO CARRY ALL STORMWATER TO RETENTION/DETENTION AREAS.
8. DEVELOPER/CONTRACTOR SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT, AND STABILIZE RETENTION/DETENTION POND(S) AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND PRIOR TO REQUEST FOR INSPECTION.
9. CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS-BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TPO OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING ETC.
10. THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT (850) 595-3472.
11. PRIOR TO CONSTRUCTION A SEPARATE BUILDING INSPECTION DEPARTMENT PERMIT(S) SHALL BE OBTAINED FOR ALL RETAINING WALL(S) HIGHER THAN 2 FEET.
12. NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN R/W: 1-800-432-4770."
13. ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL "AS-BUILT" SIGN OFF FROM THE COUNTY.
14. THE CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHTS-OF-WAY.

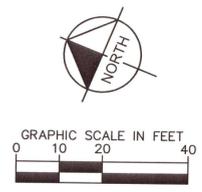
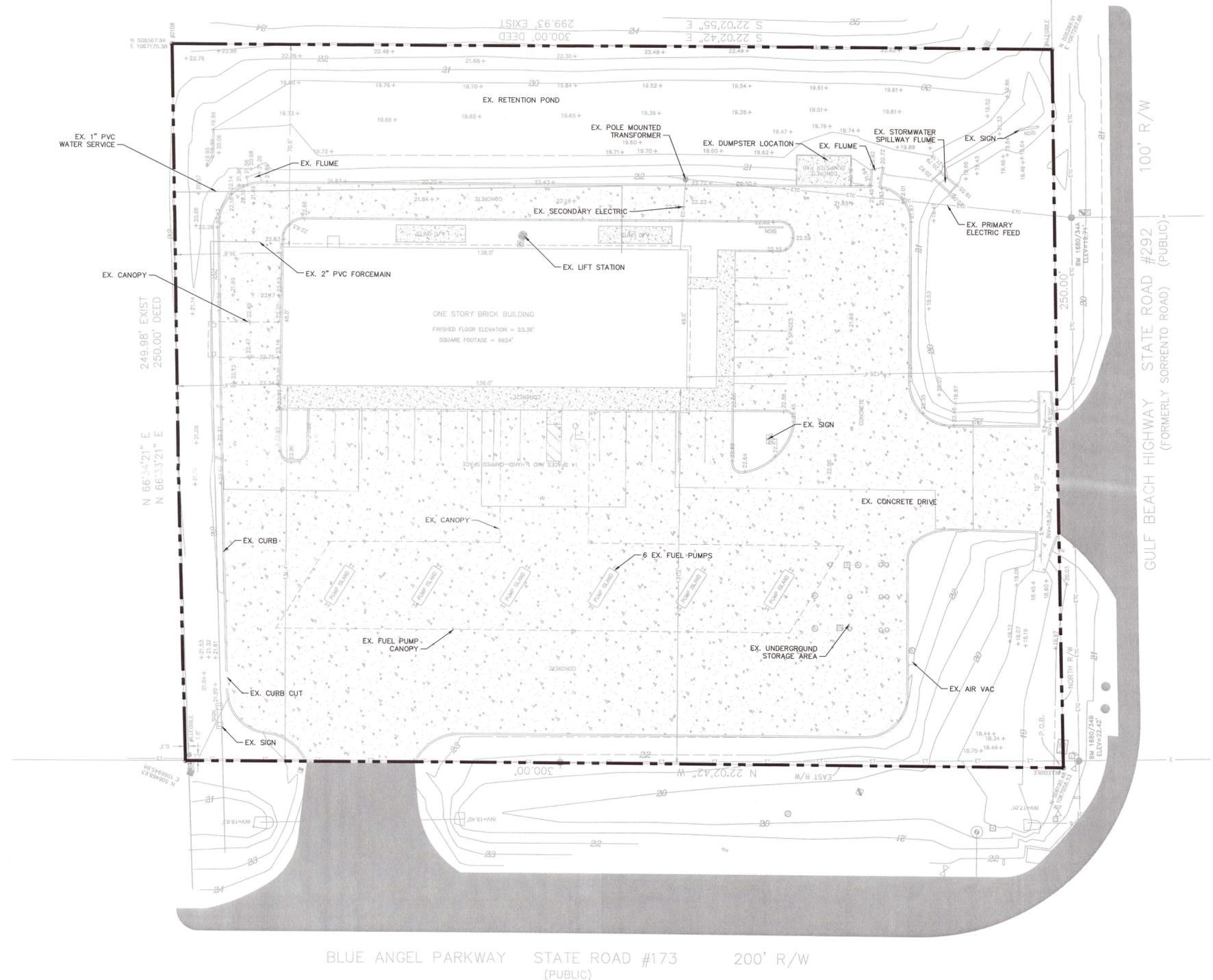
THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTORS BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

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Project information and stamps: KHA PROJECT 147785006, DATE APRIL 2021, SCALE AS SHOWN, DESIGNED BY, DRAWN BY, CHECKED BY, DATE. Includes Kimley-Horn logo, Florida Professional Engineer seal for Jacob Brown, and TomThumb logo.

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**LEGEND**

- — — — — PROPERTY LINE
- — — — — EXISTING SPOT ELEVATION
- — — — — EXISTING WATER MAIN
- — — — — EXISTING FIRE MAIN
- — — — — EXISTING SANITARY MAIN
- — — — — EXISTING DRAINAGE
- — — — — EXISTING ASPHALT TO REMAIN
- — — — — EXISTING VALVE (GV)
- — — — — EXISTING STUB
- — — — — EXISTING FITTING (TYP)
- — — — — EXISTING INLET

BLUE ANGEL PARKWAY STATE ROAD #173 200' R/W (PUBLIC)

GULF BEACH HIGHWAY STATE ROAD #292 (FORMERLY SORRENTO ROAD) (PUBLIC) 100' R/W

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTORS BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

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**EXISTING CONDITIONS PLAN**

**Kimley-Horn**

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 PHONE: 772-794-4100  
 WWW.KIMLEY-HORN.COM CA 0000696

KIMLEY-HORN AND ASSOCIATES, INC.  
 PROJECT: 147785006  
 DATE: APRIL 2021  
 SCALE: AS SHOWN  
 DESIGNED BY: JACOB BRANTON, P.E.  
 DRAWN BY: JACOB BRANTON, P.E.  
 CHECKED BY: JACOB BRANTON, P.E.

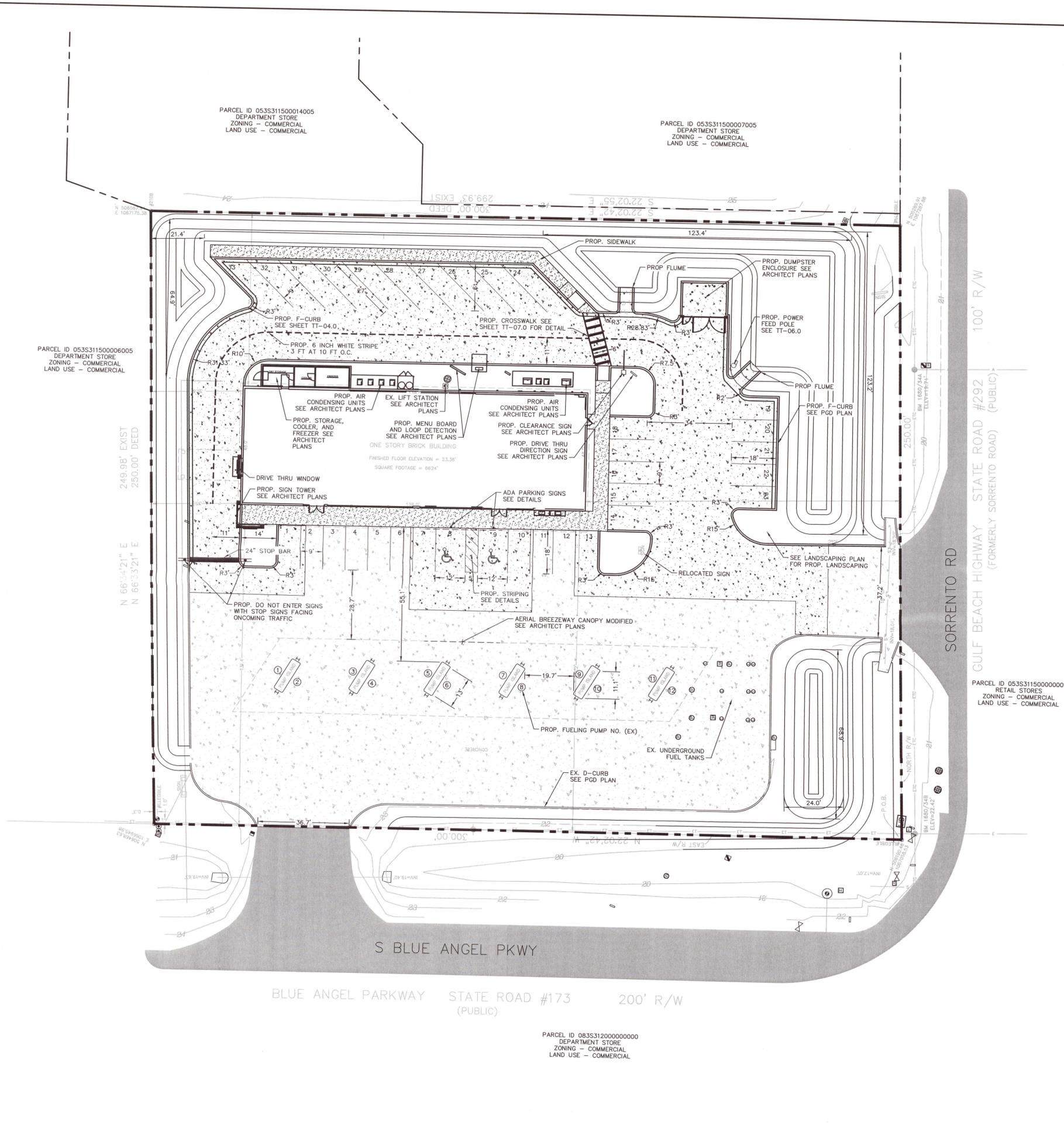
**TomThumb**  
 FLORIDA

**EG America**  
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 PENSACOLA

SHEET NUMBER  
**TT-02.0**

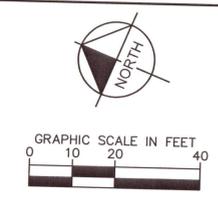
No.	REVISIONS	DATE	BY

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**LEGEND AND ABBREVIATIONS**

- PROP EX. TYP      PROP. EXISTING TYPICAL
- PROPERTY LINE
- [Pattern]      PROPOSED CONCRETE SIDEWALK
- [Pattern]      PROPOSED CONCRETE PARKING
- [Pattern]      EXISTING ONSITE CONCRETE PAVEMENT AREA



**SITE NOTES:**

1. PROPOSED CANOPY, FUEL DISPENSERS, UNDERGROUND STORAGE TANK, OUTDOOR SEATING, AIR TOWER, DUMPSTER ENCLOSURE AND CONVENIENCE STORE DESIGN AND PROVISIONS SHALL BE CROSS REFERENCED TO THE ARCHITECTURAL AND/OR TANK & PUMP PLANS RESPECTIVELY FOR INSTALLATION ASPECTS AS APPLICABLE.
2. FOR ADDITIONAL SIGNING AND PAVEMENT MARKING NOTES SEE GENERAL NOTES SHEET.
3. ALL PARKING SPACES INCLUDING ACCESSIBLE PARKING SPACES SHALL BE STRIPED IN THERMOPLASTIC PAINT AND BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS, SECTION 711.
4. LIGHT POLES ARE DEPICTED FOR ILLUSTRATIVE PURPOSES ONLY. REFER TO LIGHTING PLANS FOR EXACT LOCATIONS AND CONSTRUCTION AS APPLICABLE.
5. THE SURFACE WHICH IS TO BE PAINTED SHALL BE CLEANED, BY COMPRESSED AIR OR OTHER EFFECTIVE MEANS, IMMEDIATELY BEFORE THE START OF PAINTING, AND SHALL BE CLEAN AND DRY WHEN THE PAINT IS APPLIED. ANY VEGETATION OR SOIL SHALL BE REMOVED FROM THE PAVEMENT BEFORE STRIPING IS BEGUN. WAIT 30 DAYS FOR CONCRETE/ASPHALT TO CURE BEFORE FINAL STRIPING.
6. COMPACT FILL AREAS, INCLUDING CUT AREAS UNDER THE SIDEWALK THAT HAVE BEEN EXCAVATED MORE THAN 6 INCHES BELOW THE BOTTOM OF SIDEWALK, TO A MINIMUM OF 95% OF AASHTO T99 DENSITY. THE AREA TO BE COMPACTED IS DEFINED AS THAT AREA DIRECTLY UNDER THE SIDEWALK AND 1 FOOT BEYOND EACH SIDE OF THE SIDEWALK WHEN RIGHT-OF-WAY ALLOWS.
7. SITE LIGHTING MUST CONFORM TO ESCAMBIA COUNTY STANDARDS.
8. PARKING STALL NUMBERS ARE FOR REFERENCE ONLY AND NOT TO BE PAINTED ON STALLS
9. THE SUBJECT PROPERTY AS SHOWN HEREON IS LOCATED IN FLOOD ZONE X. (MINIMAL RISK AREAS OUTSIDE THE 1-PERCENT AND 2-PERCENT ANNUAL CHANCE FLOODPLAINS. NO BFES OR BASE FLOOD DEPTHS ARE SHOWN WITHIN THESE ZONES), AS DETERMINED FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA, COMMUNITY 120080, FIRM MAP PANEL NUMBERS 12033C0526G, MAP REVISION DATED SEPTEMBER 29, 2006.

**SITE DATA**

LOCATION: SECTION 05, TOWNSHIP 03 S, RANGE 31 W  
 ADDRESS: 2290 BLUE ANGEL PKWY PENSACOLA, FL  
 PARCEL ID: 053S31100002002 / 053S311500009005  
 ZONING: C-1: COM  
 LAND USE: COMMERCIAL  
 SITE AREA: 74,969 SF      1.72 AC  
 PROPOSED USE: TWO FAST FOOD RESTAURANTS (BURGER KING/PIZZA HUT)

SITE DATA TABLE		
	EXISTING	PROPOSED
TOTAL SITE AREA	74,969 SF	74,969 SF
PERVIOUS AREA	29,583 SF	24,138 SF
IMPERVIOUS AREA	38,762 SF	44,207 SF
BUILDING AREA	6,624 SF	6,624 SF

**PARKING CALCULATIONS**

**CONVENIENCE STORE**  
 REQUIRED: 27 SPACES  
 PROVIDED: 33 PROVIDED  
 12 PROVIDED (GAS PUMP POSITIONS)  
 45 PROVIDED TOTAL

**ADA ACCESSIBLE SPACES**  
 REQUIRED: 2 SPACES  
 PROVIDED: 2 SPACES

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**Kimley Horn**

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 WWW.KIMLEY-HORN.COM CA 00000696

**SITE PLAN**

FLORIDA

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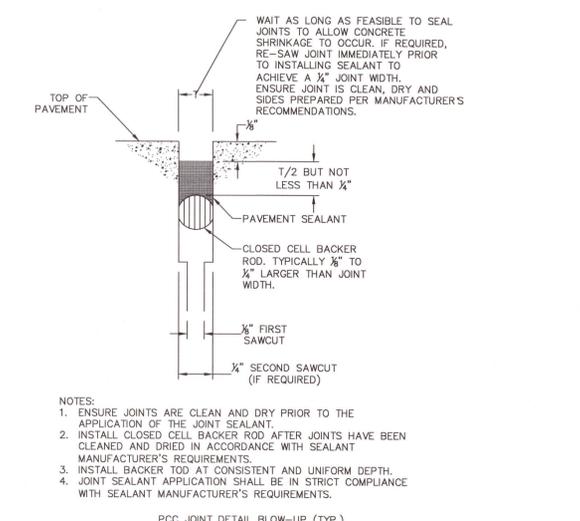
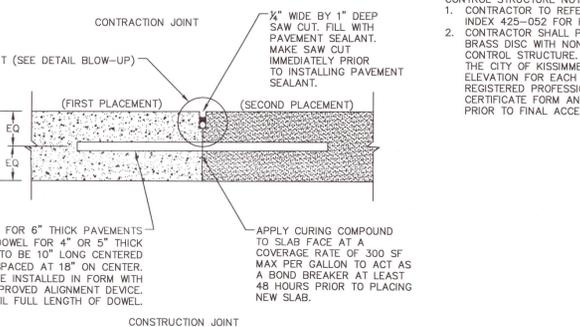
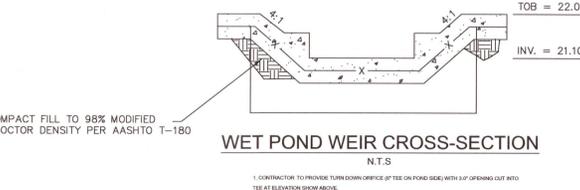
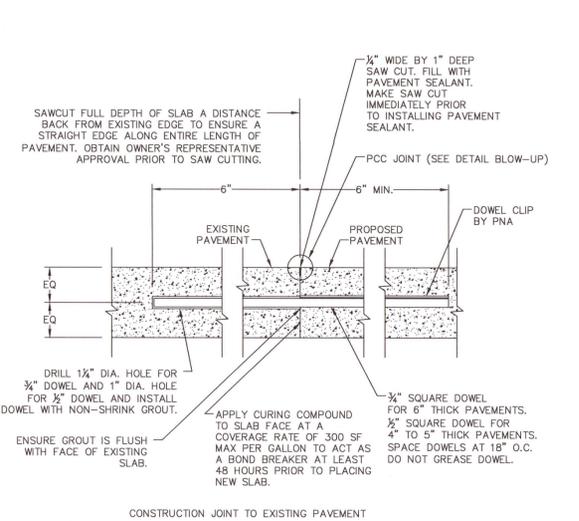
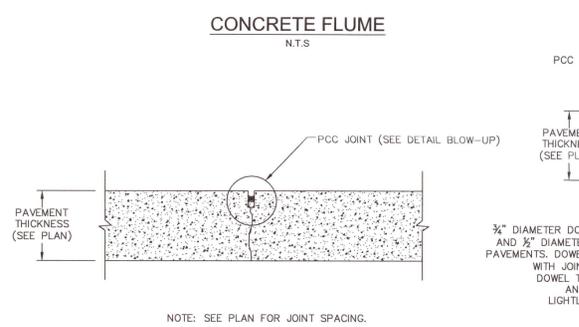
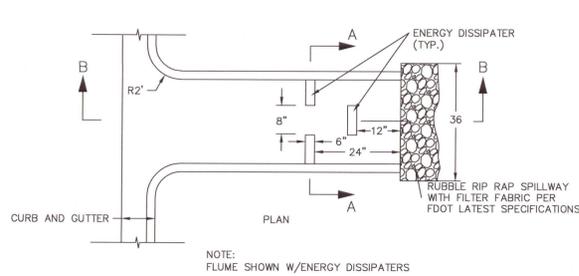
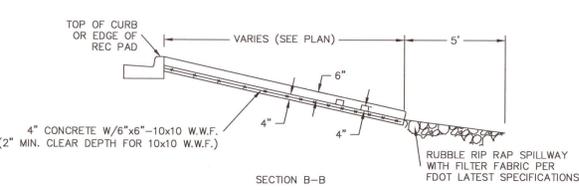
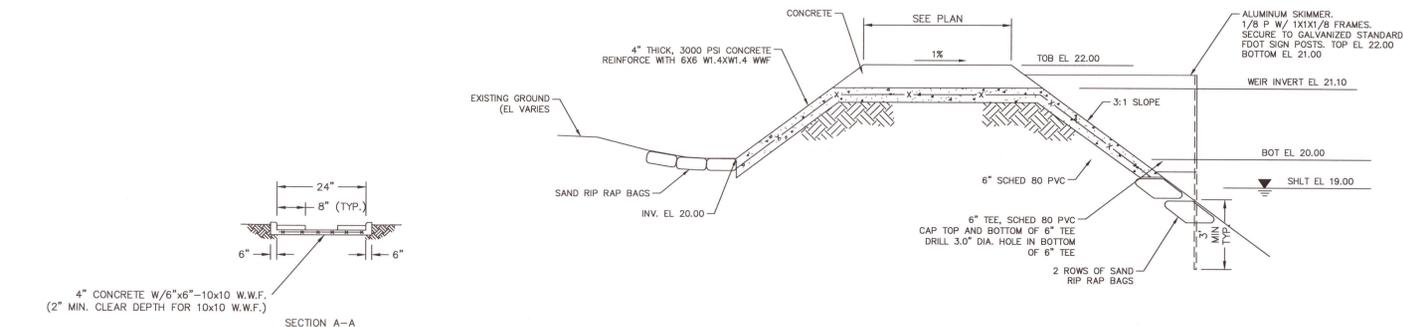
PENSACOLA

KHA PROJECT 147785006	DATE APRIL 2021	SCALE AS SHOWN	DESIGNED BY JACOB B. MARSH, P.E.	DRAWN BY JACOB B. MARSH, P.E.	CHECKED BY JACOB B. MARSH, P.E.												
<p>REVISIONS</p> <table border="1"> <tr><th>NO.</th><th>DATE</th><th>BY</th></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>		NO.	DATE	BY										<p>SHEET NUMBER TT-03.0</p>			
NO.	DATE	BY															





Plotted By: C:\Users\jgill\OneDrive\Desktop\TT-04.1 PAVING, GRADING & DRAINAGE DETAILS.dwg  
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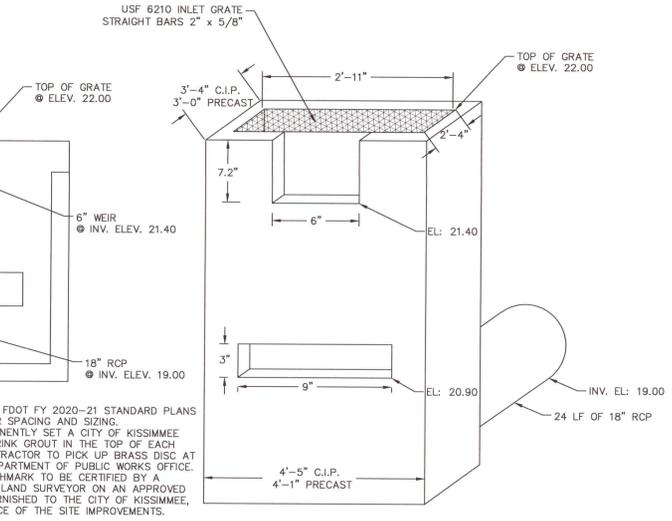
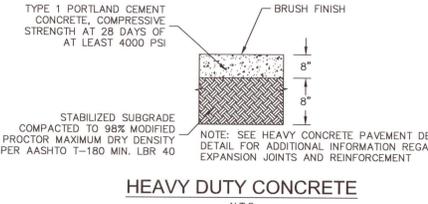
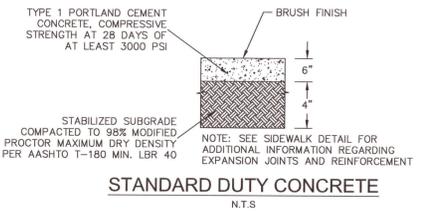


**FDOT STANDARD SPECIFICATIONS FOR RIPRAP (2017)**

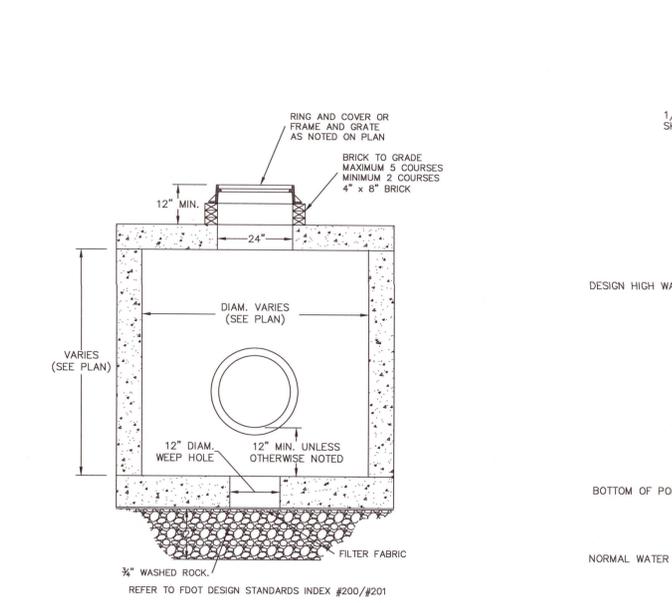
5.30-2.1.3.2 RUBBLE (DITCH LINING): USE SOUND, HARD, DURABLE RUBBLE, FREE OF OPEN OR INCIPENT CRACKS, SOFT SEAMS, OR OTHER STRUCTURAL DEFECTS, CONSISTING OF BROKEN STONE OR BROKEN CONCRETE WITH A BULK SPECIFIC GRAVITY OF AT LEAST 1.90. ENSURE THAT STONES OR BROKEN CONCRETE ARE ROUGH AND ANGULAR. USE BROKEN STONE OR BROKEN CONCRETE MEETING THE FOLLOWING GRADATION AND THICKNESS REQUIREMENTS:

WEIGHT MAXIMUM: 75 POUNDS  
 WEIGHT 50%: 30 POUNDS  
 WEIGHT MINIMUM: 4 POUNDS  
 MINIMUM BLANKET THICKNESS: 1.5 FEET

ENSURE THAT AT LEAST 97% OF THE MATERIAL BY WEIGHT IS SMALLER THAN WEIGHT MAXIMUM POUNDS.  
 ENSURE THAT AT LEAST 50% OF THE MATERIAL BY WEIGHT IS GREATER THAN WEIGHT 50% POUNDS.  
 ENSURE THAT AT LEAST 90% OF THE MATERIAL BY WEIGHT IS GREATER THAN WEIGHT MINIMUM POUNDS.



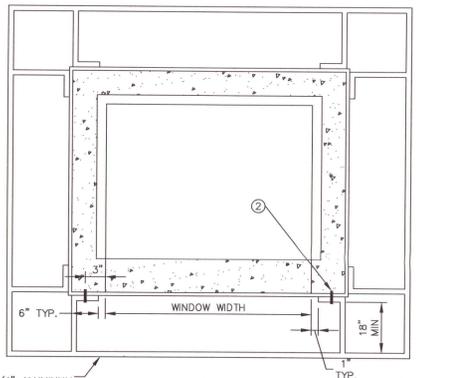
**CONTROL STRUCTURE D-03 FDOT TYPE 'C' STRUCTURE**



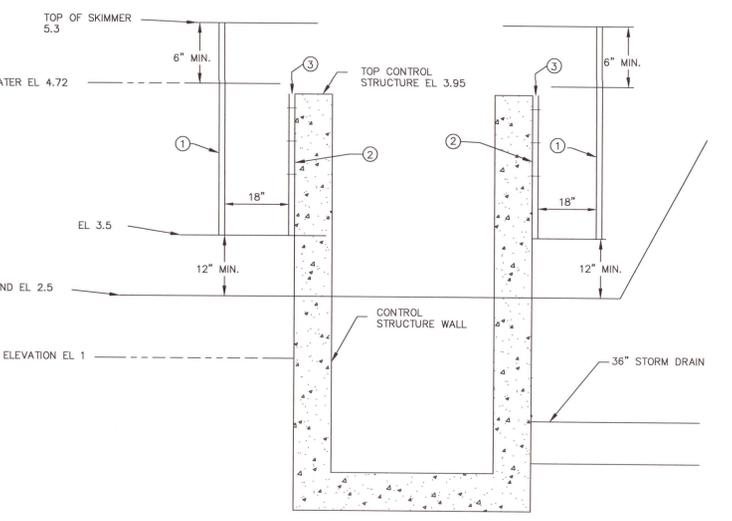
USF 170-E RING AND COVER (R&C)  
 USF 4160-6210 FRAME AND GRATE (F&G)  
 USF 5130-6168 FRAME AND HOOD (FDOT TYPE 9)  
 (OR APPROVED EQUAL)

**FDOT TYPE J BOTTOM DRAINAGE STRUCTURE DETAIL N.T.S.**

1/4" THICK ALUMINUM FABRICATED SKIMMER PLATE WITH OPEN TOP AND BOTTOM.  
 3/8" DIAMETER STAINLESS STEEL EXPANSION ANCHORS, 3" LONG (MIN.) WITH STAINLESS STEEL WASHERS AND NUTS 60" MAXIMUM. TWO MIN. REQUIRED EACH SIDE OF SKIMMER.  
 3/16" THICK NEOPRENE GASKET BETWEEN SKIMMER AND CONCRETE.



**SKIMMER PLATE DETAIL TOP VIEW**

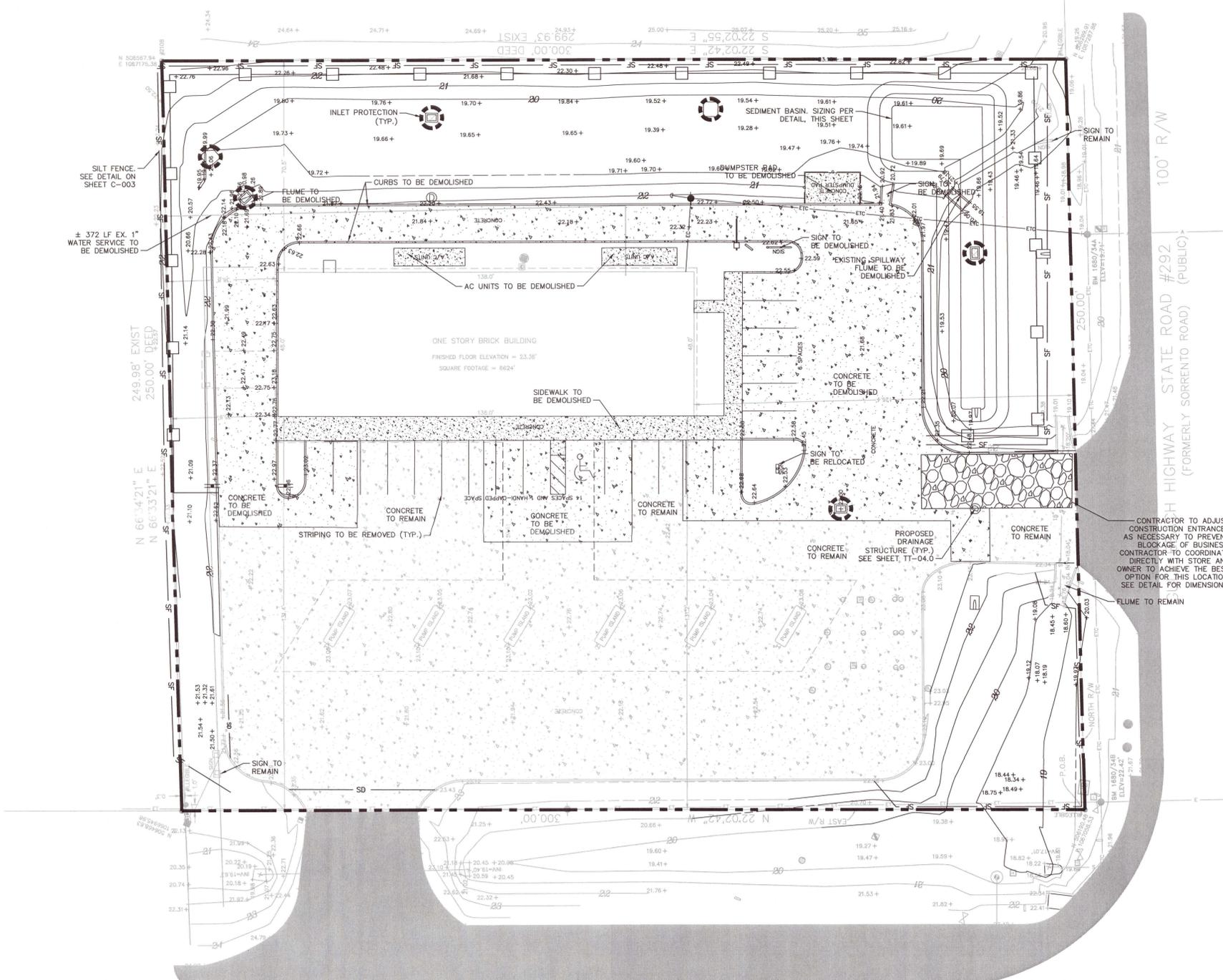


**SKIMMER PLATE DETAIL SIDE VIEW N.T.S.**

<b>Kimley-Horn</b>							
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KHA PROJECT 1-47785006	DATE APRIL 2021	SCALE AS SHOWN	DESIGNED BY P. J. GIBSON	DRAWN BY P. J. GIBSON	CHECKED BY P. J. GIBSON	DATE APRIL 2021	BY P. J. GIBSON
<b>PAVING, GRADING &amp; DRAINAGE DETAILS</b>							
FLORIDA							
PENSACOLA							
SHEET NUMBER <b>TT-04.1</b>							



Project: Blue Angel Parkway, K&A V&B DEVA 147785006 - Tom Thumb Demolition & Erosion Control Plan, August 19, 2021, 02:25:08pm. K&A V&B DEVA 147785006 - Tom Thumb Demolition & Erosion Control Plan, August 19, 2021, 02:25:08pm. This document, together with the concepts and designs presented herein, is an instrument of service, and its preparation and use by the applicant, is intended only for the specific purpose and client for which it was prepared. Reuse of any portion of this document without written authorization and approval by Kimley-Horn and Associates, Inc. shall be without liability for Kimley-Horn and Associates, Inc.



SITE PREPARATION SHOULD BE IN ACCORDANCE WITH GEOTECHNICAL INVESTIGATION

ACREAGE SUMMARY	
TOTAL PROJECT AREA	1.72 AC
ON-SITE DISTURBED AREA	1.72 AC
OFF-SITE DISTURBED AREA	0.0 AC
TOTAL DISTURBED AREA	1.72 AC
IMPERVIOUS AREA AT COMPLETION	1.17 AC
PERVIOUS / SEEDED AREA AT COMPLETION	0.55 AC

**LEGEND**

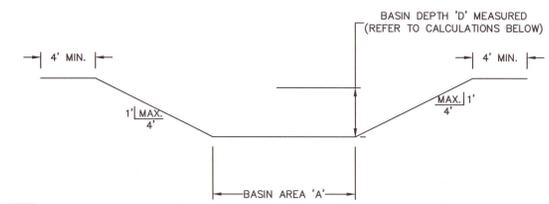
- INLET PROTECTION
- CONSTRUCTION EXIT
- SILT FENCE
- LIMITS OF CONSTRUCTION
- PROPERTY LINE
- DIVERSION DIKE

GRAPHIC SCALE IN FEET  
0 10 20 40

NORTH

**EROSION CONTROL NOTES**

- SEDIMENT BASINS AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND DISTURBING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UP-SLOPE LAND DISTURBANCE TAKES PLACE.
- ALL SEDIMENT CONTROL MEASURES ARE TO BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND BE CONSTRUCTED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON BALANCE OF SITE. PERIMETER SEDIMENT BARRIERS SHALL BE CONSTRUCTED TO PREVENT SEDIMENT OR TRASH FROM FLOWING OR FLOATING ON TO ADJACENT PROPERTIES.
- PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN (7) DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN UNDISTURBED FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT UNDISTURBED FOR MORE THAN ONE YEAR.
- DURING CONSTRUCTION OF THE PROJECT, SOIL STOCK PILES SHALL BE STABILIZED, COVERED OR CONTAINED WITH SEDIMENT TRAPPING MEASURES. THE APPLICANT IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE.
- A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED.
- AFTER ANY SIGNIFICANT RAINFALL, SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED FOR INTEGRITY. ANY DAMAGED DEVICES SHALL BE CORRECTED IMMEDIATELY.
- CONCENTRATED RUNOFF SHALL NOT FLOW DOWN CUT OR FILL SLOPES UNLESS CONTAINED WITHIN AN ADEQUATE TEMPORARY OR PERMANENT CHANNEL, FLUME, SLOPE DRAIN STRUCTURE OR APPROVED CONTROL.
- SEDIMENT WILL BE PREVENTED FROM ENTERING ANY STORM WATER SYSTEM, DITCH OR CHANNEL. ALL STORM WATER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.
- WHEN WORK IN A LIVE WATERCOURSE IS PERFORMED, PRECAUTIONS SHALL BE TAKEN TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION.
- PERIODIC INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES MUST BE PROVIDED TO ENSURE INTENDED PURPOSE IS ACCOMPLISHED. THE DEVELOPER, OWNER AND/OR CONTRACTOR SHALL BE CONTINUALLY RESPONSIBLE FOR ALL SEDIMENT CONTROLS. SEDIMENT CONTROL MEASURES SHALL BE IN WORKING CONDITION AT THE END OF EACH WORKING DAY.
- WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE WITH CURBS AND GUTTERS, THE ROAD SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. THIS PROVISION SHALL APPLY TO INDIVIDUAL SUBDIVISION LOTS AS WELL AS TO LARGER LAND DISTURBING ACTIVITIES.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
- PROPERTIES AND WATERWAYS DOWNSTREAM FROM CONSTRUCTION SITES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION AND EROSION AT ALL TIMES DURING CONSTRUCTION.
- EROSION CONTROL DESIGN AND CONSTRUCTION SHALL FOLLOW THE REQUIREMENTS IN THE "FLORIDA EROSION AND SEDIMENT CONTROL MANUAL AND COUNTY PERMITS."
- CONTRACTOR IS RESPONSIBLE FOR ALL SURFACE WATER DISCHARGES, RAINFALL RUN OFF OR DEWATERING ACTIVITIES.
- CONTRACTOR MUST INCORPORATE ALL BMP'S NECESSARY TO MEET OR EXCEED STATE WATER QUALITY AND SWPPP REQUIREMENTS.
- THE POLLUTION PREVENTION PLAN IS A MINIMUM GUIDELINE ONLY. ADDITIONAL BMP'S MAY BE NECESSARY AT CONTRACTOR'S EXPENSE.
- NOI TO BE POSTED ON SITE.
- DEWATERING ACTIVITIES:
  - DISCHARGE MUST NOT EXCEED STATE WATER QUALITY STANDARDS.
  - CONTRACTOR MUST HAVE A TRANSFERABLE STORMWATER CONSUMPTIVE USE PERMIT KNOWN AS A "NOTICED GENERAL PERMIT FOR SHORT TERM CONSTRUCTION DE-WATERING".
  - NO HYDRAULIC PUMPS MAY BE USED FOR DEWATERING UNLESS APPROVED BY THE WATER MANAGEMENT DISTRICT FOR THAT AREA.
  - NO TURBID DISCHARGE. TURBIDITY READINGS ARE REQUIRED ONCE A WEEK AND MUST BE REPORTED TO THE PROJECT ENGINEER.
  - CONTRACTOR TO CONSIDER POTENTIAL DEWATERING ACTIVITIES WHEN PREPARING BID DOCUMENTS FOR THIS PROJECT.
  - CONTRACTOR SHALL OBTAIN ANY NECESSARY DEWATERING PERMITS AS SITE CONDITIONS AND CONSTRUCTION ACTIVITIES REQUIRE.
  - CONTRACTOR TO USE BEST MANAGEMENT PRACTICES TO ENSURE COMPLIANCE WITH NPDES AND WATER MANAGEMENT DISTRICT REGULATIONS FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES AND DEWATERING OPERATIONS.



**SEDIMENT BASIN NOTES:**  
 SEDIMENT BASINS SHALL BE LOCATED TO INTERCEPT THE LARGEST POSSIBLE AMOUNT OF RUNOFF FROM THE DISTURBED AREA. AS CONSTRUCTION SEQUENCING AND PHASING PROGRESSES, SEDIMENT BASIN SIZES AND LOCATIONS SHALL BE ADJUSTED APPROPRIATELY.

CONTRACTOR TO PROVIDE BASIN AREA 'A' BASED ON DISTURBED AREA AND EXCAVATED BASIN DEPTH 'D' PER THE CALCULATION BELOW:

$$\text{DISTURBED AREA (ACRES)} \times (3,600 \text{ CF/ACRE}) / \text{BASIN DEPTH 'D' (FEET)} = \frac{2,700}{\text{MINIMUM BASIN AREA 'A' (SF)}} \text{ (SF)}$$

**SEDIMENT BASIN**  
N.T.S.

- NOTES:**
- PROVIDE SEDIMENT TRAP ON DOWN GRADIENT SIDE (OR BOTH SIDES) AS REQUIRED.
  - FLUSH SURFACE STONE TOWARD SEDIMENT TRAP WITH HIGH VOLUME WATER FLOW AS NEEDED TO MAINTAIN CLEAN SURFACE STONE.
  - PLACEMENT OF SEDIMENT TRAP SHALL BE AT LEAST THE MINIMUM DISTANCE FROM THE RIGHT OF WAY AS REQUIRED BY LOCAL JURISDICTION.

BLUE ANGEL PARKWAY STATE ROAD #173 200' R/W  
(PUBLIC)

H HIGHWAY STATE ROAD #292 (FORMERLY SORRENTO ROAD) 100' R/W (PUBLIC)

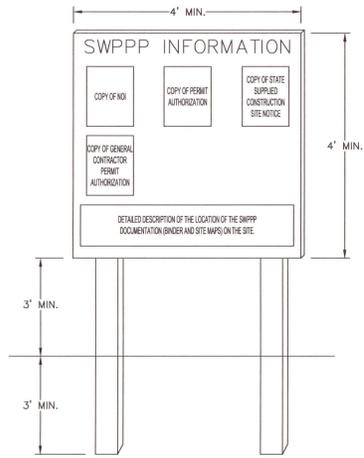
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KHA PROJECT 147785006  
 DATE APRIL 2021  
 SCALE AS SHOWN  
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 DRAWN BY [Signature]  
 CHECKED BY [Signature]

**DEMOLITION & EROSION CONTROL PLAN**

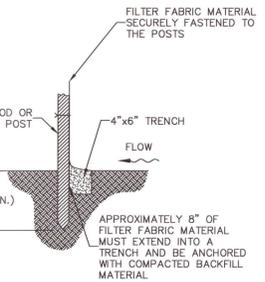
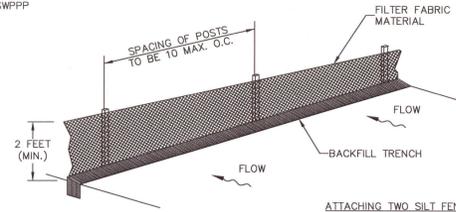
**TomThumb**  
 Florida  
**EG America**  
 A subsidiary of EG Group

Project: KHA PROJECT 147785006  
 Date: APRIL 2021  
 Scale: AS SHOWN  
 Designed by: [Signature]  
 Drawn by: [Signature]  
 Checked by: [Signature]  
 KIMLEY-HORN AND ASSOCIATES, INC.  
 445 24TH STREET, SUITE 200, VERO BEACH, FL 32960  
 PHONE: 772-794-4100  
 WWW.KIMLEY-HORN.COM CA 00000696

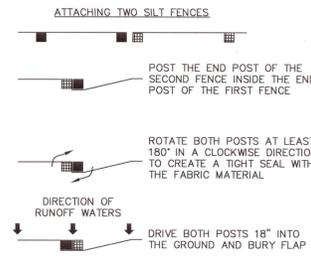


**SWPPP INFORMATION SIGN**  
N.T.S.

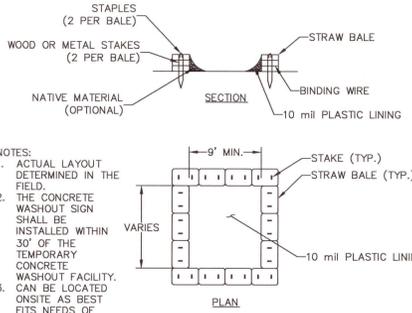
- NOTES:
1. "SWPPP INFORMATION" MUST BE DISPLAYED PROMINENTLY ACROSS THE TOP OF THE SIGN, AS SHOWN IN THE DETAIL.
  2. SIGN TO BE CONSTRUCTED OF A RIGID MATERIAL, SUCH AS PLYWOOD OR OUTDOOR SIGN BOARD. SIGN MUST BE CONSTRUCTED IN A MANNER TO PROTECT DOCUMENTS FROM DAMAGE DUE TO WEATHER (WIND, SUN, MOISTURE, ETC.).
  3. THE SWPPP INFORMATION SIGN MUST BE LOCATED NEAR THE ENTRANCE/EXIT OF THE SITE, SUCH THAT IT IS ACCESSIBLE/VISIBLE BY THE GENERAL PUBLIC, BUT NOT OBSTRUCTING VIEWS AS TO CAUSE A SAFETY HAZARD.
  4. ALL POSTED DOCUMENTS MUST BE MAINTAINED IN A CLEARLY READABLE CONDITION AT ALL TIMES THROUGHOUT CONSTRUCTION AND UNTIL THE NOTICE-OF-TERMINATION (NOT) IS FILED FOR THE PERMIT.
  5. CONTRACTOR SHALL POST OTHER STORM WATER AND/OR EROSION AND SEDIMENT CONTROL RELATED PERMITS ON THE SIGN AS REQUIRED BY THE LOCAL AGENCY.
  6. SIGN SHALL BE LOCATED OUTSIDE OF PUBLIC RIGHT-OF-WAY AND EASEMENTS UNLESS APPROVED BY THE GOVERNING AGENCY.
  7. CONTRACTOR IS RESPONSIBLE FOR ENSURING STABILITY OF THIS SWPPP INFORMATION SIGN.



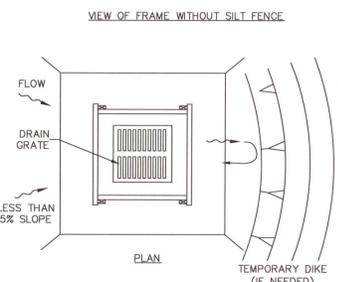
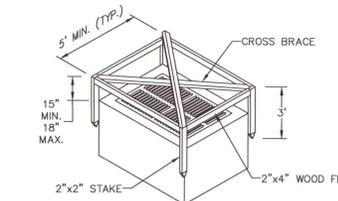
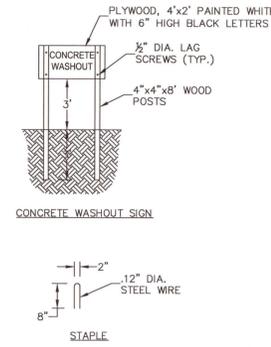
**SILT FENCE INSTALLATION**  
N.T.S.



- NOTES:
1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
  2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
  3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

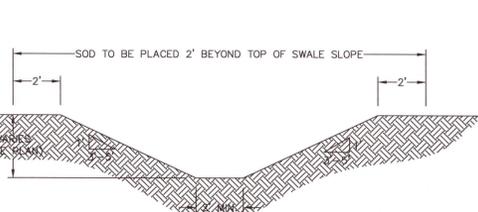
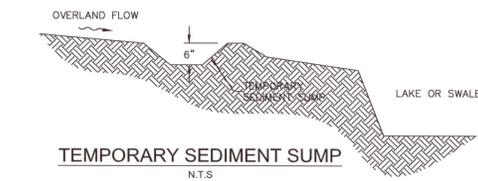


**CONCRETE & STUCCO WASTE MANAGEMENT**  
N.T.S.

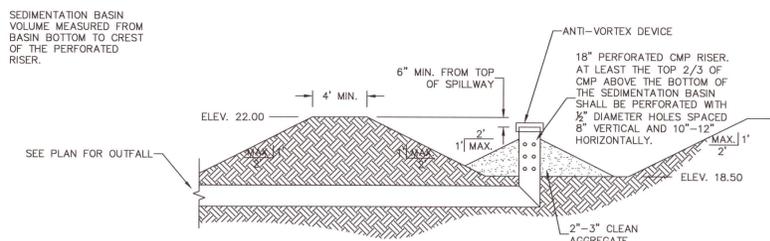


**SILT FENCE INLET PROTECTION**  
N.T.S.

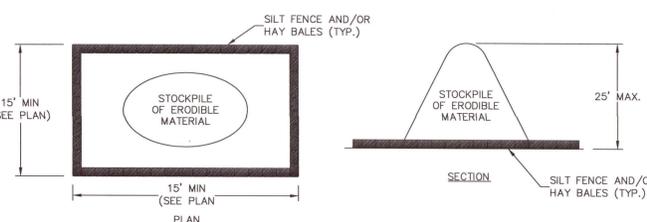
- NOTES:
1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS.
  2. THE TOP OF THE FRAME (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BY PASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.
  3. THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS IS A RELATIVELY FLAT AREA (SLOPE NO GREATER THAN 5%) WHERE THE INLET SHEET OR OVERLAND FLOWS (NOT EXCEEDING 1 C.F.S.) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.
  4. NOT APPLICABLE WHERE INLET IS LOCATED IN PAVEMENT OR CONCRETE.



**TYPICAL SWALE SECTION**  
N.T.S.

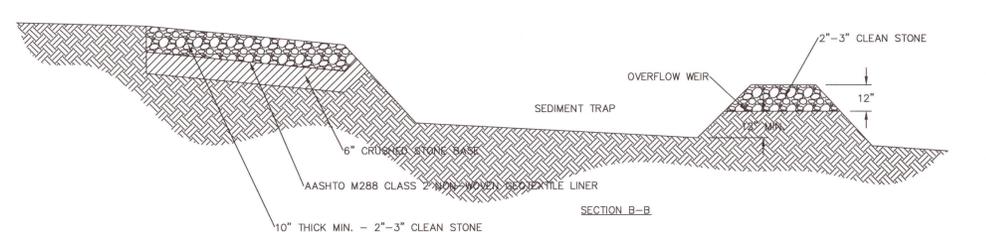
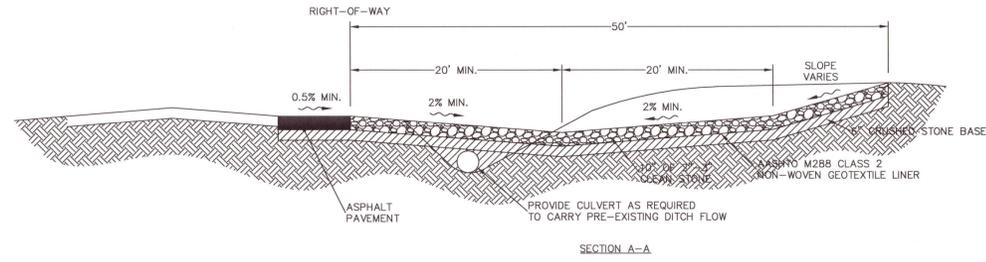


**SEDIMENT BASIN WITH PIPE OUTLET**  
N.T.S.

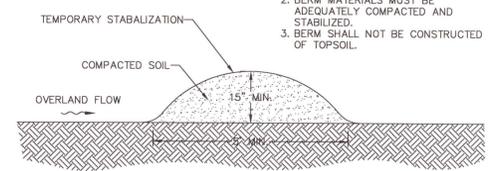


**SEDIMENT CONTROL FOR STOCKPILING OF ERODIBLE MATERIAL**  
N.T.S.

- NOTE:
- WHEN STOCKPILING ERODIBLE MATERIAL FOR EXTENDED PERIODS, THE AREA SHALL BE SEEDED AND MULCHED.



**CONSTRUCTION EXIT AND VEHICULAR WASHDOWN DETAIL**  
N.T.S.



**TEMPORARY DIVERSION SILT DIKE**  
N.T.S.

- NOTES:
1. REMOVE ANY EXISTING VEGETATION AND SCARIFY OR BENCH ADJACENT SOILS PRIOR TO PLACING BERM.
  2. BERM MATERIALS MUST BE ADEQUATELY COMPACTED AND STABILIZED.
  3. BERM SHALL NOT BE CONSTRUCTED OF TOPSOIL.

NO.	REVISIONS	DATE	BY

**Kimley»Horn**  
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KHA PROJECT 147785006  
 DATE APRIL 2021  
 SCALE AS SHOWN  
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**DEMOLITION & EROSION CONTROL DETAILS**

**TomThumb**  
 FLORIDA  
**EG America**  
 A subsidiary of EG Group  
 PENSACOLA



Printed By: Caudy, K. Sheet: Sht: Tom Thumb, Pensacola, TT-05.2, Stormwater Pollution Prevention Notes, August 19, 2021, 02:26:54pm. K:\VRB\_LDEV\147785006 - Tom Thumb, Pensacola, TT-05.2, Stormwater Pollution Prevention Notes.dwg - Tom Thumb, Pensacola, TT-05.2, Stormwater Pollution Prevention Notes.dwg. This document, together with the concepts and designs presented herein, is intended only for the specific purpose and shall not be used for any other purpose without the written authorization and approval of Kimley-Horn and Associates, Inc.

**PROJECT NAME:**  
TOM THUMB PENSACOLA TT-125

**OWNER:**  
EG AMERICA

**LATITUDE:** N 30° 21' 41.33"  
**LONGITUDE:** W 87° 21' 29.98"

**OWNER'S ADDRESS:**  
165 FLANDERS RD  
WESTBOROUGH, MA

**DESCRIPTION OF NATURE OF CONSTRUCTION ACTIVITY**  
CONSTRUCTION OF GAS STATION WITH CONVENIENCE STORE

**SOIL DISTURBING ACTIVITIES INCLUDE:**  
CONSTRUCTION OF EROSION AND SEDIMENT CONTROLS, GRADING, UNDERGROUND STORAGE TANK INSTALLATION, AND CONSTRUCTION OF UTILITIES.  
PROJECT AREA CONTAINS ±1.72 ACRES.

**SEQUENCE OF MAJOR ACTIVITIES:**

- PRIOR TO THE COMMENCEMENT OF CLEARING, GRUBBING, AND DEMOLITION, THE SITE CONTRACTOR SHALL INSTALL ALL EROSION CONTROL DEVICES CALLED FOR ON THE PLANS.
- UPON INSTALLATION OF THE EROSION CONTROL DEVICES, THE SITE CONTRACTOR MAY BEGIN SITE CLEARING, DEMOLITION, EARTHWORK, DRAINAGE, UTILITY AND ROADWAY CONSTRUCTION ACTIVITIES WITHIN THE CONSTRUCTION LIMITS. THE SITE CONTRACTOR SHALL STABILIZE ALL AREAS DISTURBED WITHIN FIVE DAYS OF THE COMPLETION OF GRADING ACTIVITIES OF THE OF THE DISTURBED AREA.
- THE SITE CONTRACTOR SHALL MAINTAIN THE EXISTING STORMWATER SYSTEM UNTIL THE PROPOSED SYSTEM HAS BEEN RE-ROUTED. ONCE THE PROPOSED SYSTEM IS IN PLACE, THE CONTRACTOR MAY BEGIN THE REMOVAL OF THE EXISTING STORMWATER PIPES AS INDICATED ON THE CONSTRUCTION DOCUMENTS.
- THE SITE CONTRACTOR SHALL REMOVE ALL EROSION PROTECTION DEVICES WITHIN EACH CONTRIBUTING AREA FOLLOWING PERMANENT STABILIZATION OF ALL DISTURBED AREAS.

**NAME OF RECEIVING WATER:** FDOT ROW

**CONTROLS**

**EROSION AND SEDIMENTATION CONTROLS**

**STABILIZATION PRACTICES**

**TEMPORARY STABILIZATION:** TOP OF SOIL STOCK PILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 21 DAYS WILL BE STABILIZED WITH TEMPORARY GRASS AND MULCH NO LATER THAN 7 DAYS FROM THE LAST CONSTRUCTION ACTIVITY. GRASS SEED SHALL BE A MIXTURE OF 20 PARTS OF BERMUDA SEED AND 80 PARTS OF PENSACOLA BAHIA THE SEPARATE TYPES OF SEED SHALL BE THOROUGHLY DRY MIXED IMMEDIATELY BEFORE SOWING. SEED WHICH HAS BECOME WET SHALL NOT BE USED. THE MULCH MATERIAL USED SHALL NORMALLY BE DRY MULCH. DRY MULCH SHALL BE STRAW OR HAY, CONSISTING OF OAT, RYE OR WHEAT STRAW, OR OF PANGOLA, PEANUT, COASTAL BERMUDA OR BAHIA GRASS HAY. ONLY UNDETERIORATED MULCH WHICH CAN BE READILY CUT INTO THE SOIL SHALL BE USED. AREAS OF THE SITE WHICH ARE TO BE PAVED WILL BE TEMPORARILY STABILIZED BY APPLYING STABILIZATION AND BASE.

**PERMANENT STABILIZATION:** DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASES SHALL BE STABILIZED PER LANDSCAPE PLAN NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY.

**STRUCTURAL PRACTICES**

**STAKED SILT FENCE:** THE STAKED SILT FENCES WILL BE CONSTRUCTED PER PLAN. THESE DEVICES WILL STOP AND DIVERT RUNOFF TO THE SEDIMENT BASINS.

**SEDIMENT BASINS:** THE STORM WATER MANAGEMENT AREA WILL ACT AS SEDIMENT BASINS DURING CONSTRUCTION. THE SEDIMENT BASINS WILL BE CONSTRUCTED TO THE DESIGN CROSS-SECTION, OR A MINIMUM OF 2' BELOW EXISTING GROUND AT THE CONTRACTORS DISCRETION TO ALLOW SILTS TO BE COLLECTED AND REMOVED PRIOR TO COMPLETION OF THE GRADING.

**STORMWATER MANAGEMENT**

STORMWATER DRAINAGE WILL BE PROVIDED BY A CURB, SWALE, STORM SEWER, OR CATCH BASIN SYSTEM FOR THE DEVELOPED AREAS. SWALES TO BE SODDED AND INCLUDE CHECK DAMS AND RIPRAP TO CONTROL RUNOFF VELOCITY AND TRANSPORT OF SEDIMENT. WHEN CONSTRUCTION IS COMPLETE THE IMPROVED PORTION OF THE SITE WILL DRAIN TO STORM WATER PONDS. THE PONDS WILL BE IN THE LOCATION OF THE TEMPORARY SEDIMENT BASINS UNLESS TEMPORARY SEDIMENT BASINS ARE SEPARATE FROM OVERALL DEVELOPER'S EXISTING RETENTION PONDS. WHEN UPSLOPE AREAS ARE STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT BASINS. THE PONDS HAVE BEEN DESIGNED BY A PROFESSIONAL ENGINEER TO LIMIT PEAK FLOW RATES FROM THE DESIGN STORM EVENT AT OR BELOW PRE-DEVELOPMENT RATES, AND CONSTRUCTION PER DETAILS SHOWN IN THE PLANS IS IMPERATIVE.

**OTHER CONTROLS**

**WASTE DISPOSAL**

**WASTE MATERIALS:** ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN DUMPSTERS PER LOCAL AGENCIES REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTERS. THE DUMPSTERS WILL BE EMPTIED A MINIMUM OF ONCE A WEEK OR MORE OFTEN IF NECESSARY, AND THE TRASH WILL BE HAULED TO A REGISTERED LANDFILL OR DISPOSAL. NO CONSTRUCTION MATERIALS WILL BE BURIED ON-SITE. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED IN THE ON-SITE OFFICE TRAILER AND THE CONSTRUCTION MANAGER RESPONSIBLE FOR THE DAY-TO-DAY-SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES AND FOLLOWED.

**HAZARDOUS WASTE:** ALL HAZARDOUS WASTE MATERIALS, IF ENCOUNTERED, WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATIONS. THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.

**SANITARY WASTE:** ALL SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS A MINIMUM OF THREE TIMES PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR, AS REQUIRED BY LOCAL REGULATION.

**OFFSITE VEHICLE TRACKING**

STABILIZED CONSTRUCTION ENTRANCES SHALL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREETS WILL BE CLEANED AS NEEDED TO REMOVED ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM OR TO THE SITE WILL BE COVERED WITH A TARPULIN AT ALL TIMES.

**TIMING OF CONTROL MEASURES**

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, STAKED SILT BARRIERS, STABILIZED CONSTRUCTION ENTRANCES AND SEDIMENT BASINS WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 21 DAYS WILL BE STABILIZED WITH A TEMPORARY GRASS AND MULCH WITHIN 5 DAYS OF THE LAST DISTURBANCE. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN THAT AREA, THAT AREA WILL BE STABILIZED WITH PERMANENT SOD. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE TRAPS AND THE STAKED SILT BARRIERS WILL BE REMOVED.

**CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS**

THE STORM WATER POLLUTION PREVENTION PLAN REFLECTS THE NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT (NWFWD) REQUIREMENTS FOR STORM WATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL, AS ESTABLISHED BY THE FLORIDA ADMINISTRATIVE CODE, CHAPTER 40D-4 AND 40D-40. TO ENSURE COMPLIANCE, THIS PLAN WAS PREPARED IN ACCORDANCE WITH NWFWD'S "BASIS OF REVIEW FOR SURFACE WATER MANAGEMENT PERMIT APPLICATIONS WITHIN THE NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT." THIS PLAN ALSO REFLECTS THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR WORK IN NORTHWEST DISTRICT.

**MAINTENANCE INSPECTION PROCEDURES**

**EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES**

THESE ARE THE INSPECTION AND MAINTENANCE PRACTICES THAT SHALL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROL.

ALL CONTROL MEASURES IN DISTURBED AREAS WILL BE INSPECTED AT LEAST ONCE EACH WEEK AND WITHIN 24 HOURS OF THE END OF ANY STORM EVENT OF 0.25 INCHES OR GREATER BY A CONTRACTORS REPRESENTATIVE. (WHERE SITES HAVE BEEN FINALLY STABILIZED SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH.) ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT. BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS BEEN REACHED ONE-THIRD THE HEIGHT OF THE FENCE. SILT FENCE WILL BE INSPECTED REGULARLY FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND. THE SEDIMENT BASINS WILL BE THE INSPECTED FOR DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 10 PERCENT OF THE DESIGN CAPACITY OR AT THE END OF THE JOB. TEMPORARY AND PERMANENT GRASSING, MULCHING AND SODDING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH. A MAINTENANCE INSPECTION REPORT SHALL BE MADE AFTER EACH INSPECTION BY THE CONTRACTOR AND SHALL BE KEPT IN A ACTIVE LOG READILY AVAILABLE AT THE JOB SITE. CONSTRUCTION TRAILER. THE SITE SUPERINTENDENT WILL SELECT INDIVIDUALS WHO WILL BE RESPONSIBLE FOR MAINTENANCE AND REPAIR ACTIVITIES. FILLING OUT THE INSPECTION AND MAINTENANCE REPORT WILL BE BY THE CONTRACTOR. PERSONNEL SELECTED FOR MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE SUPERINTENDENT. THEY WILL BE TRAINED IN ALL MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ON-SITE IN GOOD WORKING ORDER.

**NON-STORM WATER DISCHARGES**

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

WATER FROM FIRE FIGHTING ACTIVITIES, FIRE HYDRANT FLUSHING, WATER LINE FLUSHING, WATER USED TO SPRAY OFF LOOSE SOILS FROM VEHICLES, DUST CONTROL, PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED). ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO DISCHARGE.

GROUNDWATER DEWATERING ACTIVITIES ARE NOT COVERED BY THIS PERMIT. THE CONTRACTOR MUST APPLY FOR COVERAGE UNDER THE GENERIC PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY NON-CONTAMINATED SITE ACTIVITY PURSUANT TO 62-621.300(2), F.A.C.

**INVENTORY FOR POLLUTION PREVENTION PLAN**

THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED, BUT NOT LIMITED, TO BE PRESENT ON-SITE DURING CONSTRUCTION:

CONCRETE  
DETERGENTS  
PAINTS (ENAMEL AND LATEX)  
METAL STUDS  
GLASS  
TAR  
SAND  
FERTILIZERS  
PETROLEUM BASED PRODUCTS AND FUELS  
CLEANING SOLVENTS  
WOOD  
MASONRY BLOCK  
ROOFING SHINGLES  
STONE

**SPILL PREVENTION**

**MATERIAL MANAGEMENT PRACTICES**

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 SHALL BE FOLLOWED ON-SITE DURING THE CONSTRUCTION PROJECT.

AN EFFORT SHALL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB. ALL MATERIALS STORED ON-SITE SHALL BE STORED NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER CONTAINED ENCLOSURE. PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL MANUFACTURER'S LABELED CONTAINERS. SUBSTANCES SHALL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER, WHENEVER POSSIBLE. ALL OF A PRODUCT SHALL BE USED UP BEFORE DISPOSING OF THE CONTAINER. MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL SHALL BE FOLLOWED. THE SITE SUPERINTENDENT SHALL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ON-SITE.

HAZARDOUS PRODUCTS:

THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.

PRODUCTS SHALL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHALL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS' OR LOCAL AND STATE RECOMMENDED METHODS OF PROPER DISPOSAL SHALL BE FOLLOWED.

THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ON-SITE:

PETROLEUM PRODUCTS:

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

FERTILIZERS:

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 SHED. THE CONTENTS OF ANY PARTIALLY USED BAG OF FERTILIZER WILL BE TRANSFERRED TO BE SEALABLE PLASTIC BIN TO AVOID SPILLS.

PAINTS:

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.

CONCRETE TRUCKS:

CONTRACTOR SHALL DESIGNATE AN AREA FOR DISCHARGE OF SURPLUS CONCRETE OR DRUM WASH WATER AND SHALL INSTALL A CONTAINMENT BERM AROUND THIS AREA TO PREVENT RUNOFF TO THE REMAINDER OF THE SITE. HARD DEBRIS SHALL BE DISPOSED OF BY CONTRACTOR UPON COMPLETION OF THE PROJECT.

**SPILL CONTROL PRACTICES**

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

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

MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ON-SITE. EQUIPMENT AND MATERIALS WILL INCLUDE, BUT NOT BE LIMITED TO, BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.

ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.

THE SPILL AREAS WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.

SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE.

THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEAN UP MEASURES WILL ALSO BE INCLUDED.

THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEAN UP 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 IN THE OFFICE TRAILER ON-SITE.

**NOTICE OF INTENT (NOI) / NOTICE OF TERMINATION (NOT)**

- THIS NOTICE OF INTENT (NOI) FORM IS TO BE COMPLETED AND SUBMITTED TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) BEFORE USE OF THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES PROVIDED IN SUBSECTION 62-621.300(4), F.A.C.
- A NOTICE OF TERMINATION WILL BE SUBMITTED TO EPA AFTER THE CONSTRUCTION HAS BEEN COMPLETED AND THE SITE HAS UNDERGONE FINAL STABILIZATION.

**POLLUTION PREVENTION PLAN CERTIFICATION**

I CERTIFY UNDER PENALTY OF LAW THAT THESE CONSTRUCTION PLANS, THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM, AS SHOWN ON THESE CONSTRUCTION PLANS, DESIGNED TO ASSURE THAT APPROPRIATE POLLUTION PREVENTION MEASURES ARE IMPLEMENTED DURING CONSTRUCTION AND TO ASSURE THAT THE QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THE 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.

**OWNER:**

SIGNED: \_\_\_\_\_

NAME AND TITLE: \_\_\_\_\_

COMPANY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

NAME AND TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

**CONTRACTOR'S CERTIFICATION**

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERIC STORM WATER PERMIT ISSUED PURSUANT TO SECTION 403.0085, F.S., THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATE WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

SIGNATURE	FOR	RESPONSIBLE FOR
COMPANY:	COMPANY:	
NAME:	NAME:	
TITLE:	TITLE:	
DATE:	DATE:	
COMPANY:	COMPANY:	
NAME:	NAME:	
TITLE:	TITLE:	
DATE:	DATE:	
COMPANY:	COMPANY:	
NAME:	NAME:	
TITLE:	TITLE:	
DATE:	DATE:	

**Kimley Horn**

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**TomThumb**

**Florida**

**EG America**  
A member of the group

**PENSACOLA**

**STORMWATER POLLUTION PREVENTION NOTES**

**FLORIDA**

**REVISIONS**

No.	DATE	BY

**PROJECT**  
147785006

**DATE**  
APRIL 2021

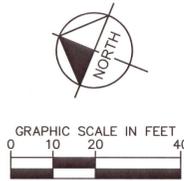
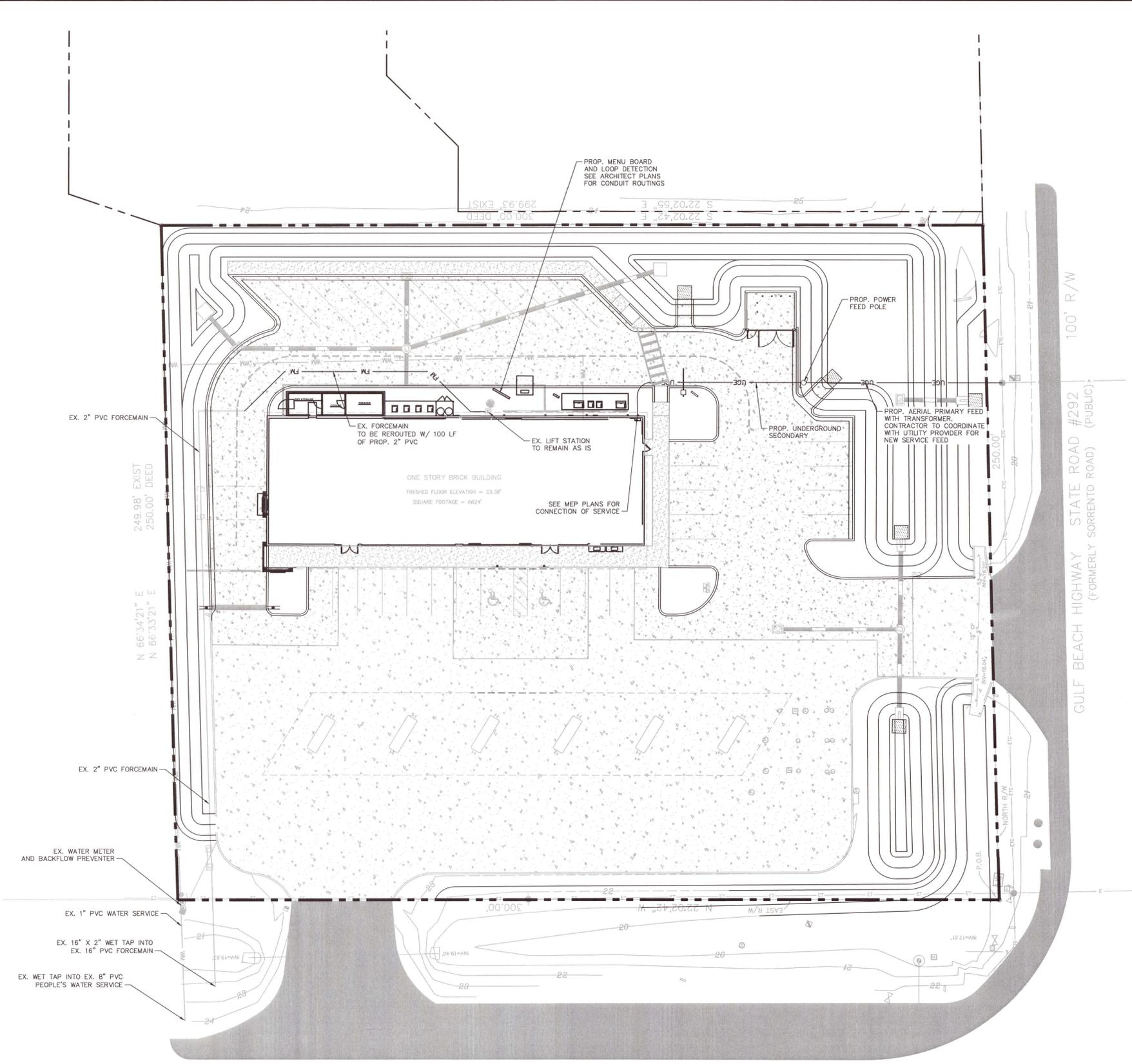
**SCALE**  
AS SHOWN

**DESIGNED BY**  
DRAWN BY

**CHECKED BY**

**SHEET NUMBER**  
TT-05.2

Detailed: By: [Redacted], Kich, Sheet: [Redacted], Title: [Redacted], Date: [Redacted], Project: [Redacted], Location: [Redacted], Scale: [Redacted], Drawing No.: [Redacted], Revision: [Redacted], Date: [Redacted], Project: [Redacted], Location: [Redacted], Scale: [Redacted], Drawing No.: [Redacted], Revision: [Redacted], Date: [Redacted]



**UTILITY NOTES**

- ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
- CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
- SANITARY SEWER PIPE SHALL BE AS FOLLOWS:  
 8" PVC SDR35 PER ASTM D 3034, FOR PIPES LESS THAN 12' DEEP  
 8" PVC SDR26 PER ASTM D 3034, FOR PIPES MORE THAN 12' DEEP  
 6" PVC SCHEDULE 40  
 DUCTILE IRON PIPE PER AWWA C150
- WATER LINES SHALL BE AS FOLLOWS:  
 6" AND LARGER, PVC C-900 PER ASTM D 2241 CLASS 200 UNDER COUNTY ROADS, OTHERWISE CLASS 150  
 6" AND LARGER DUCTILE IRON PIPE PER AWWA C150  
 SMALLER THAN 6" EITHER COPPER TUBE TYPE "L" (SOFT) PER ANSI 816.22 OR PVC, 200 P.S.I., PER ASTM D1784 AND D2241.
- MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
- ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS WITH THRUST BLOCKING AS CALLED OUT IN SPECIFICATIONS.
- HORIZONTAL UTILITY SEPARATIONS SHOULD MEET THE F.A.C RULE 62-555.314 AS APPLICABLE. ALL VERTICAL CLEARANCES SHOULD BE KEPT TO A 12" MINIMUM (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
- CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3'-0" COVER ON ALL WATERLINES.
- IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE DUCTILE IRON PIPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING, THE WATER LINE SHALL HAVE MECHANICAL JOINTS WITH APPROPRIATE THRUST BLOCKING AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE. MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (AWWA C-151) (CLASS 50).
- UNDERGROUND LINES SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
- TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH PROPOSED PAVEMENT ELEVATIONS WITHIN PAVED AREAS, AND TO BE ONE FOOT ABOVE FINISHED GROUND ELEVATIONS WITH WATER TIGHT LIDS WITHIN LANDSCAPED AREAS.
- ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 P.S.I.
- EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.
- REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
- CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES. THIS AND THE FINAL CONNECTIONS OF THE SERVICE SHALL BE COMPLETED 30 DAYS PRIOR TO STORE POSSESSION.
- CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
- REFER TO BUILDING PLANS FOR SITE LIGHTING ELECTRICAL PLAN.
- UNDERGROUND UTILITY LINES SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
- REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING WATER MAINS, FORCE MAINS, SANITARY SEWER AND STORM MAINS AND MAINTAIN MINIMUM CLEARANCES BETWEEN WATER MAINS AND OTHER UTILITIES. AT ALL POINTS ALONG THEIR LENGTH AS REQUIRED IN THE PLANS, DETAILS AND SPECIFICATIONS.
- CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES. THIS AND THE FINAL CONNECTIONS OF THE SERVICE SHALL BE COMPLETED 30 DAYS PRIOR TO STORE POSSESSION.
- ALL UTILITY MAIN LENGTHS SHOWN ARE APPROXIMATE.
- CONTRACTOR TO VERIFY CONSTRUCTED ELECTRIC POWER FEEDER LINE PRIOR TO INSTALLATION OF DRAINAGE AND UTILITIES.
- CONTRACTOR TO ASSURE THAT INSTALLATION OF NEW POWER FEEDER TO THE BUILDING DOES NOT CONFLICT WITH PROPOSED DRAINAGE.

**LEGEND**

- PROPERTY LINE
- EXISTING WATER MAIN
- EXISTING FORCE MAIN
- STORM PIPE
- EXISTING FIRE HYDRANT
- PROPOSED FORCE MAIN
- PROPOSED METER AND RPZ
- PROPOSED WATER FITTINGS / BENDS
- PROPOSED CLEANOUT (CO) (SEWER)

ECUA Fire Hydrant Flow Data					
Requested Information					
In response to your request for fire hydrant flow information, ECUA is able to provide the data in the table below. Additional testing or data collection may be performed with the approval and supervision of ECUA.					
ECUA Fire Hydrant #	Date Tested	Flow (gpm)	Static Pressure (psi)	Residual Pressure (psi)	Comments
3776	5/13/17	1190	85	80	SORRENTO RD & BLUE ANGEL
6106	5/12/17	1230	70	64	BLUE ANGEL, POND & SORRENTO

**DISCLAIMER**  
 The Essential Clean Utilities Authority (ECUA) Fire Hydrant Flow Data is from a single test performed at an arbitrary point in time and as such is not assumed to be representative of typical water system conditions. The representation is made on the capacity and ECUA's facilities and all liability with respect to any information given. It is provided as information only and is not to be used as the basis for development of construction plans or any type of engineering service. This data is not guaranteed to be accurate or suitable for any use other than that for which it was gathered. Any use of this information for any other purpose than that for which it was gathered is at the user's discretion and any conclusion drawn from the use of this data is solely the responsibility of the user.

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

**Sunshine811**  
 Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
 Check positive response codes before you dig!

**Kimley»Horn**  
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 445 24TH STREET, SUITE 200, VERO BEACH, FL 32960  
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 WWW.KIMLEY-HORN.COM

**UTILITY PLAN**

KHA PROJECT 147785006  
 DATE APRIL 2021  
 SCALE AS SHOWN  
 DESIGNED BY [Redacted]  
 DRAWN BY [Redacted]  
 CHECKED BY [Redacted]

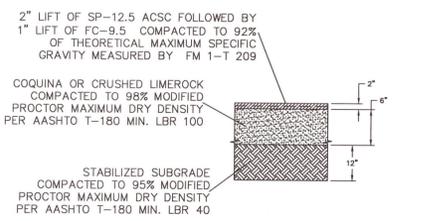
FLORIDA

**TomThumb**

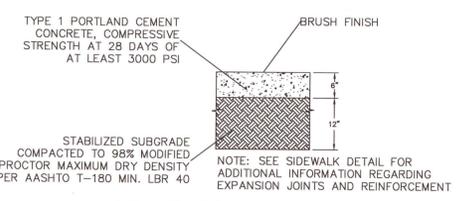
**EG America**  
 A subsidiary of US Group

SHEET NUMBER TT-06.0

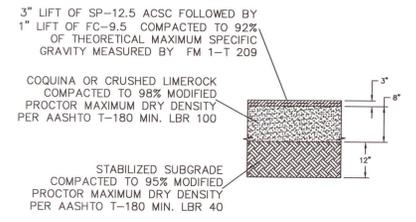
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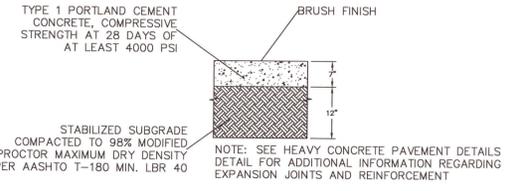
**STANDARD DUTY ASPHALT**  
N.T.S.



**STANDARD DUTY CONCRETE**  
N.T.S.

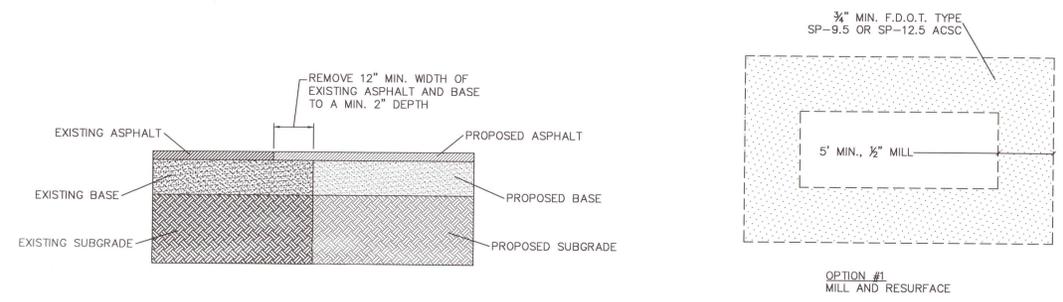


**HEAVY DUTY ASPHALT**  
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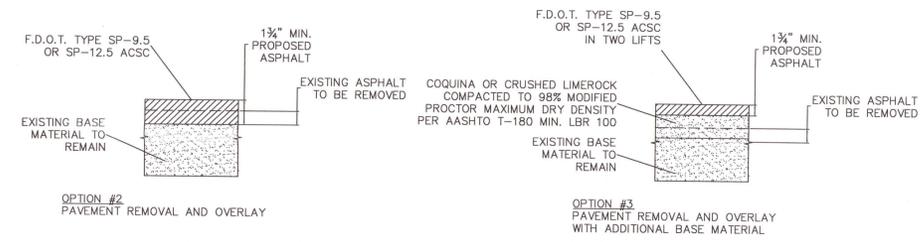


**HEAVY DUTY CONCRETE**  
N.T.S.

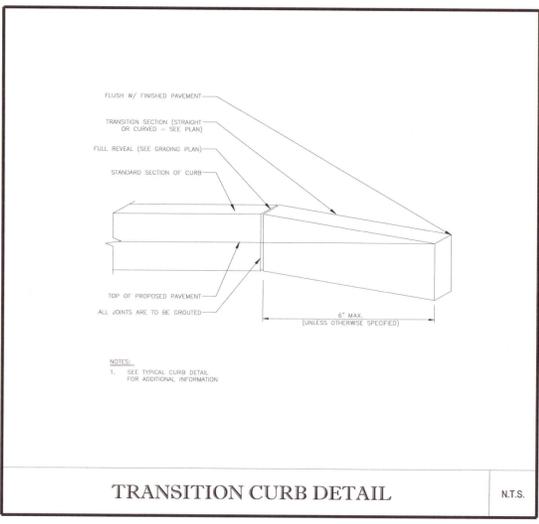
NOTE:  
CONTRACTOR TO REFER TO THE GEOTECHNICAL REPORT FOR SITE WORK SPECIFICATIONS.



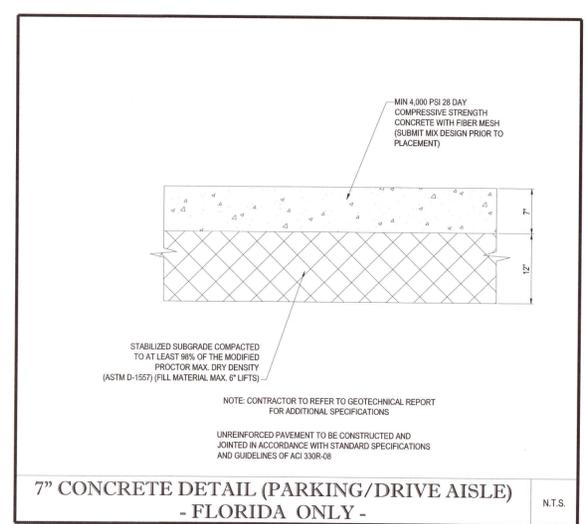
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N.T.S.



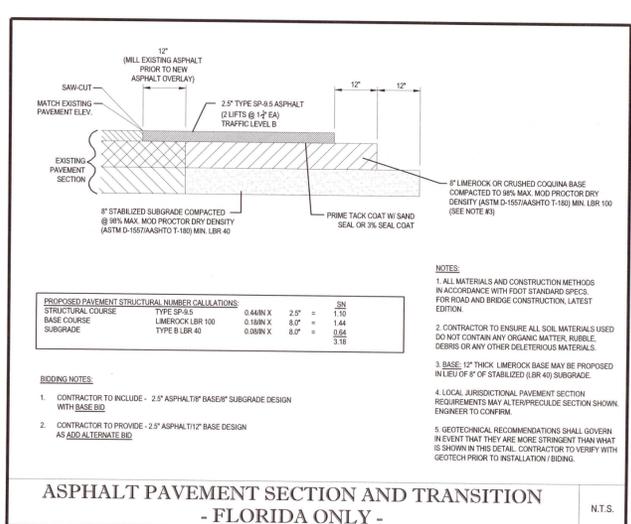
**ASPHALT PAVEMENT RESTORATION**  
N.T.S.



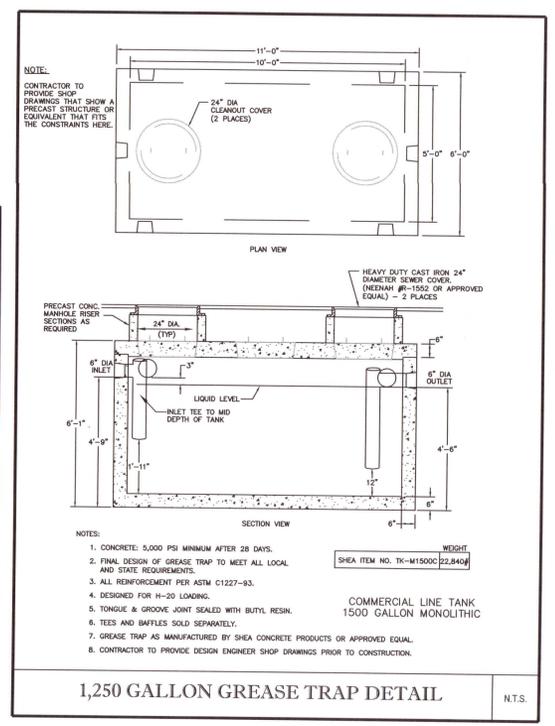
**TRANSITION CURB DETAIL**  
N.T.S.



**7" CONCRETE DETAIL (PARKING/DRIVE AISLE) - FLORIDA ONLY -**  
N.T.S.



**ASPHALT PAVEMENT SECTION AND TRANSITION - FLORIDA ONLY -**  
N.T.S.



**1,250 GALLON GREASE TRAP DETAIL**  
N.T.S.

**Kimley-Horn**  
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 445 24TH STREET, SUITE 200, VERO BEACH, FL 32960  
 WWW.KIMLEY-HORN.COM CA 00000696  
 PHONE: 772-794-4100

KHA PROJECT: 147765006  
 DATE: APRIL 2021  
 SCALE: AS SHOWN  
 DESIGNED BY: [Signature]  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]

**CONSTRUCTION DETAILS**

**TomThumb**  
**America**  
 A subsidiary of US Group  
 FLORIDA  
 PENSACOLA

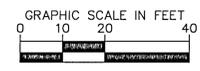
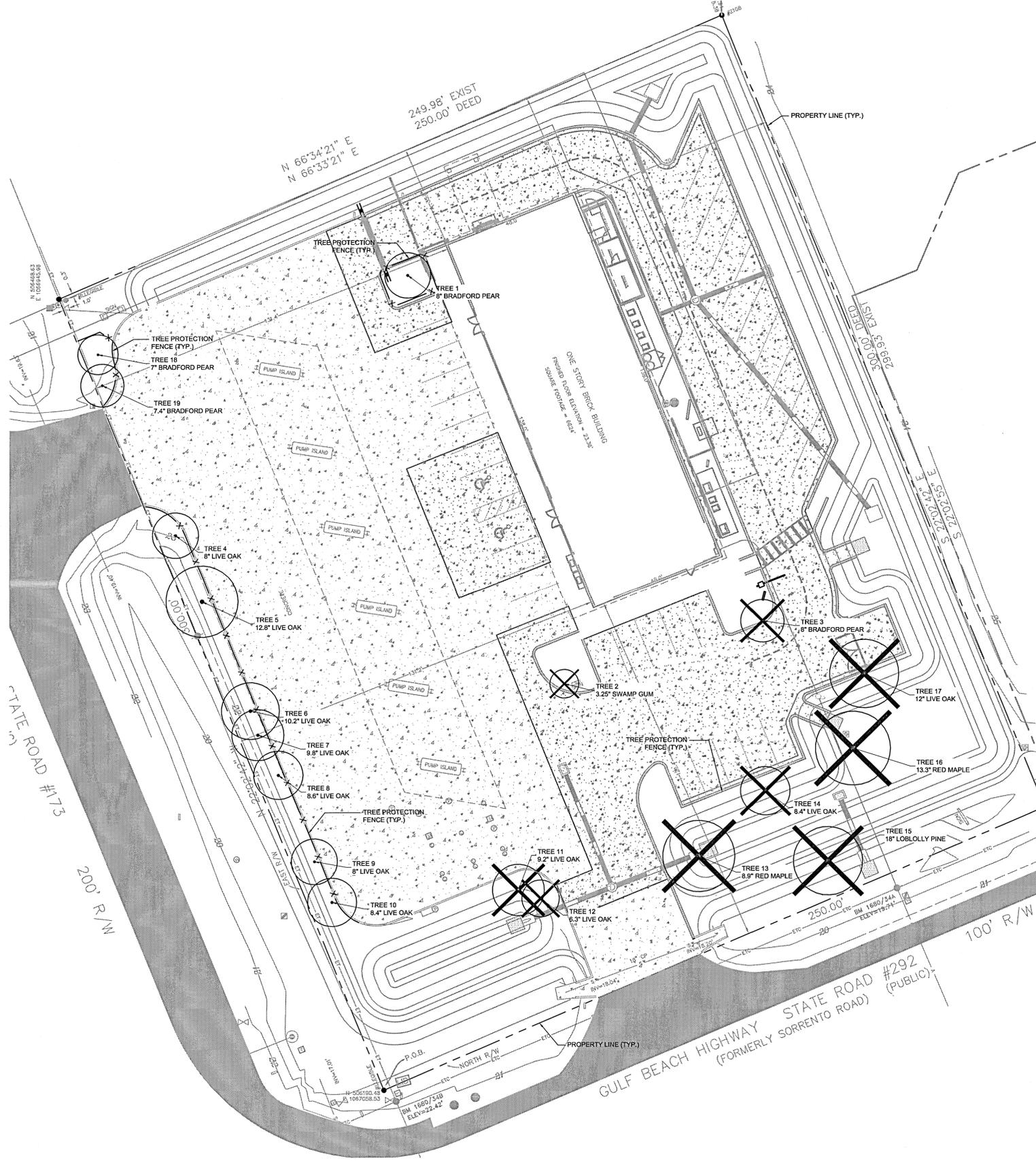
SHEET NUMBER  
**TT-07.0**







Plotted By: Zheng, Jim. Sheet Set: Tom Thumb, Pensacola, III125. Layout: LO.50. August 17, 2021. 01:24:35pm. K:\VORL\LA\VERO BEACH\147750500 - Tom Thumb, Pensacola\CAD\CONSTRUCTION\PlanSheets\LO.50 - TREE MITIGATION PLAN.dwg  
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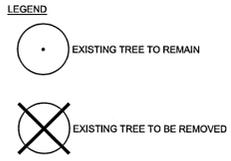


TREE #	COMMON NAME	GENUS SPECIES	DIAMETER (IN)	CONDITION	ACTION
1	BRADFORD PEAR	PYRUS CALLERYANA	8	HEALTHY	REMAIN
2	SWAMP GUM	NYSSA SPP.	3.25	HEALTHY	REMOVE X
3	BRADFORD PEAR	PYRUS CALLERYANA	8	HEALTHY	REMOVE X
4	LIVE OAK	QUERCUS VIRGINIANA	4	HEALTHY	REMAIN
5	LIVE OAK	QUERCUS VIRGINIANA	12.8	HEALTHY	REMAIN
6	LIVE OAK	QUERCUS VIRGINIANA	10.2	HEALTHY	REMAIN
7	LIVE OAK	QUERCUS VIRGINIANA	9.8	HEALTHY	REMAIN
8	LIVE OAK	QUERCUS VIRGINIANA	8.6	HEALTHY	REMAIN
9	LIVE OAK	QUERCUS VIRGINIANA	8	HEALTHY	REMAIN
10	LIVE OAK	QUERCUS VIRGINIANA	8.4	HEALTHY	REMAIN
11	LIVE OAK	QUERCUS VIRGINIANA	9.2	HEALTHY	REMOVE X
12	LIVE OAK	QUERCUS VIRGINIANA	6.3	HEALTHY	REMOVE X
13	RED MAPLE	ACER RUBRUM	8.9	HEALTHY	REMOVE X
14	LIVE OAK	QUERCUS VIRGINIANA	8.4	HEALTHY	REMOVE X
15	LOBLOLLY PINE	PINUS TAEDA	18	HEALTHY	REMOVE X
16	LIVE OAK	QUERCUS VIRGINIANA	13.3	HEALTHY	REMOVE X
17	LIVE OAK	QUERCUS VIRGINIANA	12	HEALTHY	REMOVE X
18	BRADFORD PEAR	PYRUS CALLERYANA	7	HEALTHY	REMAIN
19	BRADFORD PEAR	PYRUS CALLERYANA	7.4	HEALTHY	REMAIN

**TREE MITIGATION CALCULATIONS**

TOTAL INCHES PRESERVED: 84.2"  
 TOTAL TREES REMOVED (TREES LESS THAN 12"): 6  
 TOTAL INCHES REQUIRED FOR MITIGATION: 6 CANOPY TREES @ 2.5" CALIPER MINIMUM  
 TOTAL INCHES REMOVED (TREES 12" OR GREATER): 43.3"  
 TOTAL INCHES REQUIRED FOR MITIGATION: 43.3" x 0.50 = 21.65"  
 SEE LANDSCAPE PLAN FOR TREE MITIGATION INCHES AND LOCATIONS

- NOTE:**
- ALL ADEQUATE TREE PROTECTION MEASURES AND BARRICADES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE AND MAINTAINED IN GOOD WORKING ORDER UNTIL PROJECT IS COMPLETE AND SITE BECOMES STABILIZED.
  - ALL TREE REMOVAL, LAND CLEARING, "LAND DISTURBANCE ACTIVITIES", PLACEMENT OF FILL MATERIALS, GRADING OF LAND, OTHER DEVELOPMENT ACTIVITIES, ETC. SHALL ONLY OCCUR AFTER ALL PROPER PERMITS &/OR APPROVALS ARE OBTAINED FROM ESCAMBIA COUNTY & ANY OTHER AGENCIES AS REQUIRED.



NO.	REVISIONS	DATE	BY

**Kimley»Horn**

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 PHONE: 772-794-4100  
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KHA PROJECT: 147750500  
 DATE: APRIL 2021  
 SCALE: AS SHOWN  
 DESIGNED BY: JIZ  
 DRAWN BY: JIZ  
 CHECKED BY: KHA  
 DATE: 8/17/2021

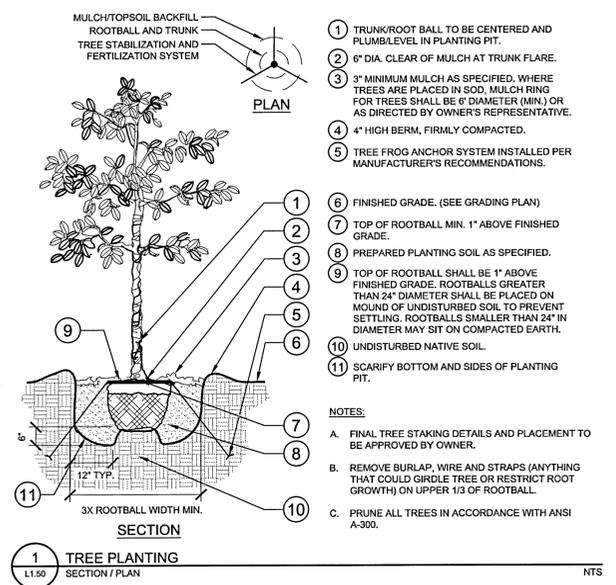
**TREE MITIGATION PLAN**

TomThumb  
 Florida

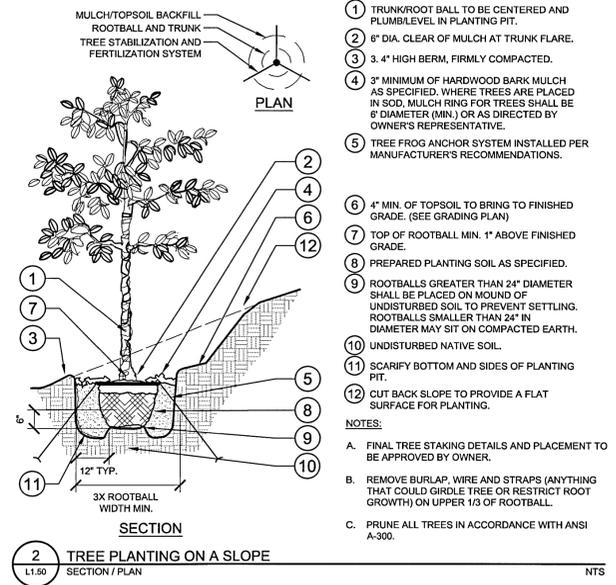
EG America  
 A member of the group

PENSACOLA

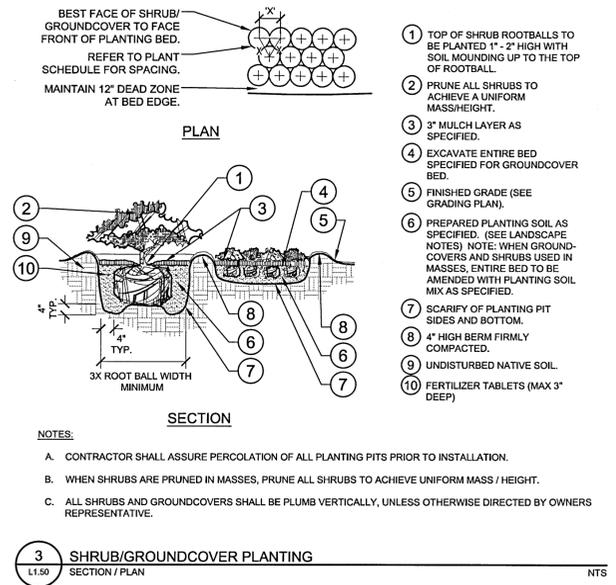
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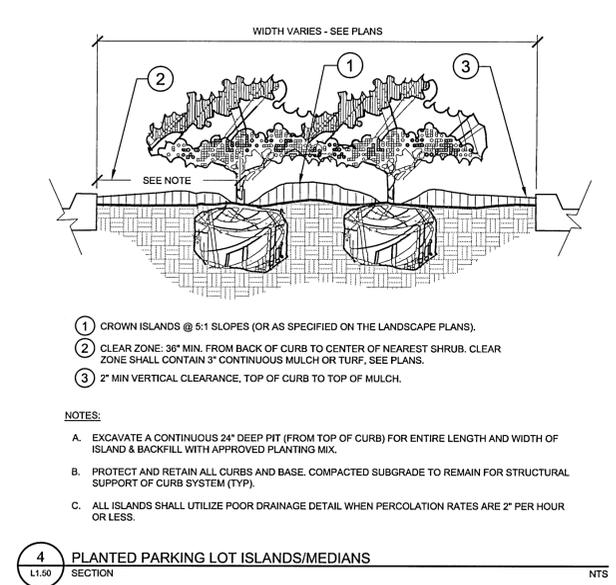
**1 TREE PLANTING**  
L1.50 SECTION / PLAN NTS



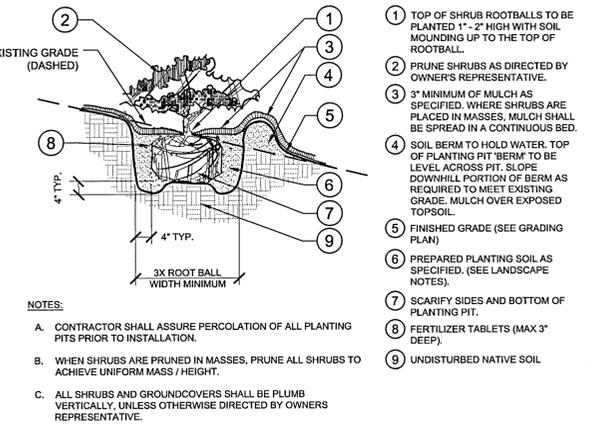
**2 TREE PLANTING ON A SLOPE**  
L1.50 SECTION / PLAN NTS



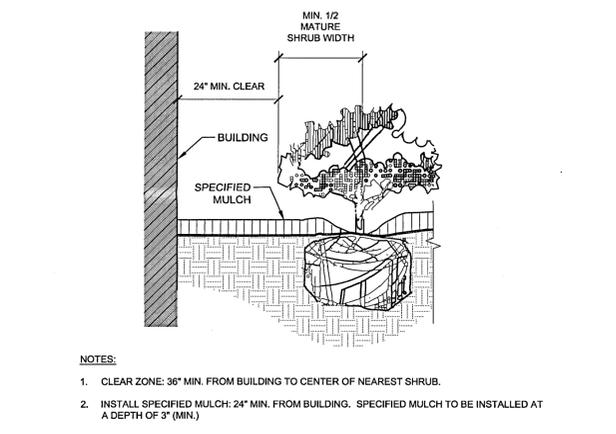
**3 SHRUB/GROUNDCOVER PLANTING**  
L1.50 SECTION / PLAN NTS



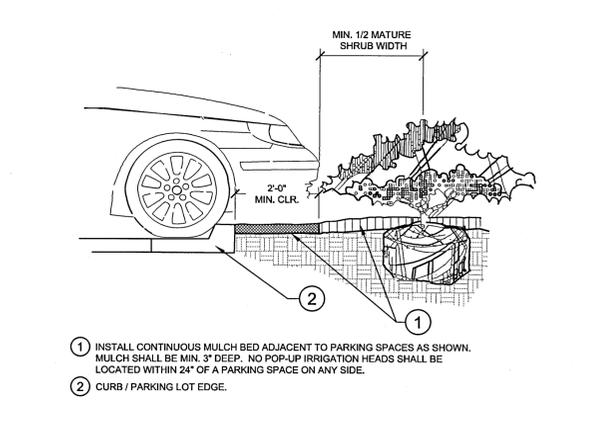
**4 PLANTED PARKING LOT ISLANDS/MEDIANS**  
L1.50 SECTION NTS



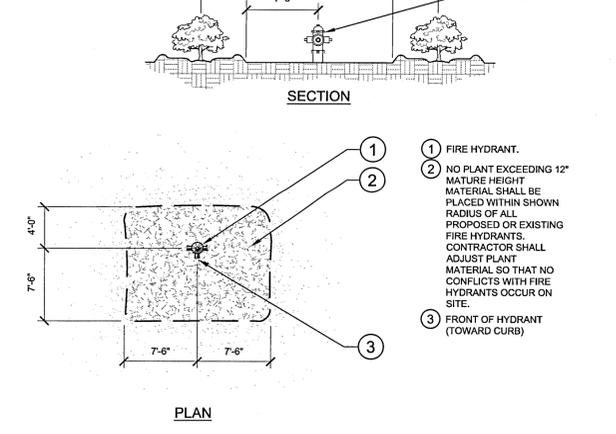
**5 SHRUB/GROUNDCOVER PLANTING ON A SLOPE**  
L1.50 SECTION NTS



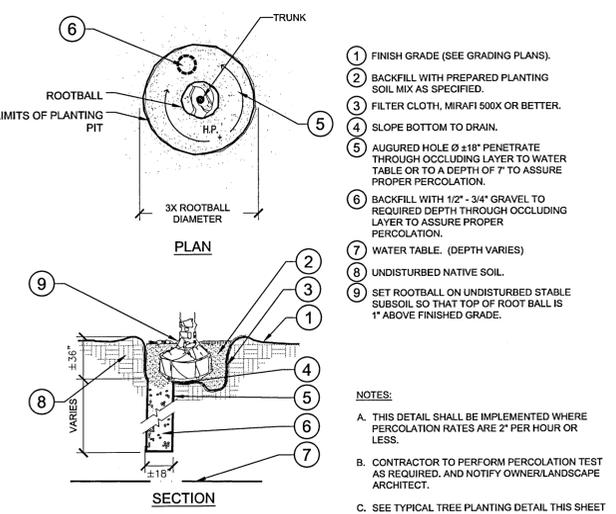
**6 PLANTINGS ADJACENT TO BUILDINGS**  
L1.50 SECTION NTS



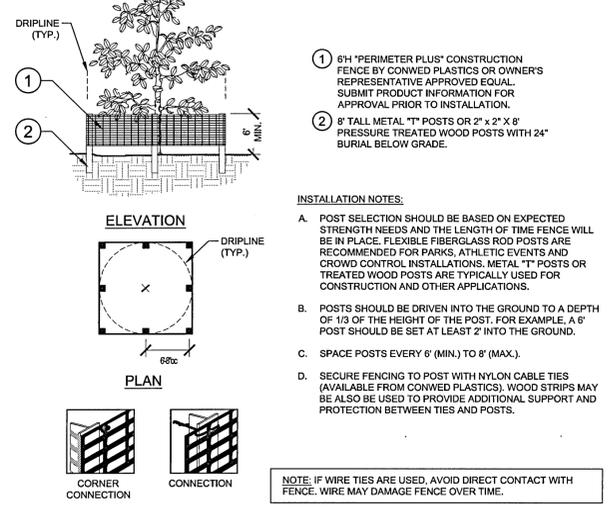
**7 PARKING SPACE/CURB PLANTING**  
L1.50 SECTION NTS



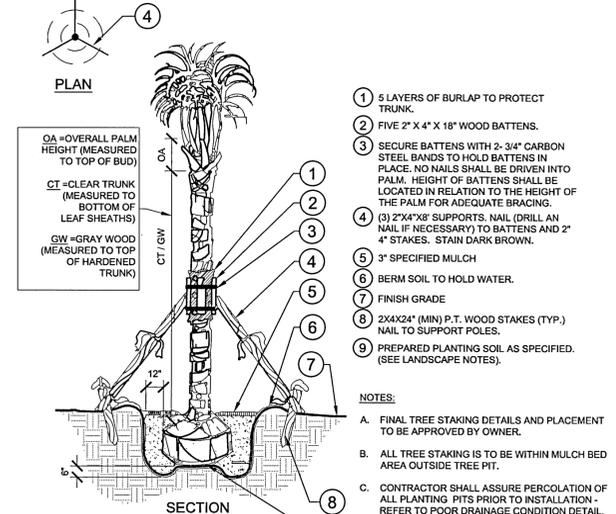
**8 SHRUB PLANTING AT FIRE HYDRANT**  
L1.50 SECTION / PLAN NTS



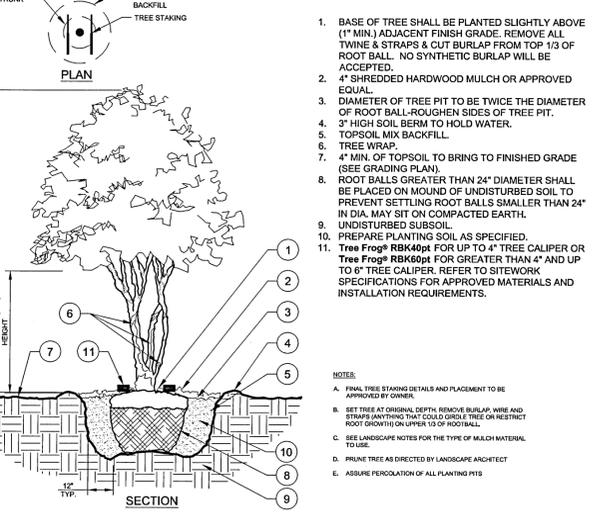
**9 POOR DRAINAGE CONDITION**  
L1.50 SECTION / PLAN NTS



**10 TREE PROTECTION FENCING**  
L1.50 ELEVATION / PLAN NTS



**11 PALM PLANTING**  
L1.50 SECTION / PLAN NTS



**12 MULTI-TRUNK TREE PLANTING**  
L1.50 SECTION/PLAN NTS

DATE: 8/17/2021

CHECKED BY: \_\_\_\_\_

DRAWN BY: \_\_\_\_\_

DESIGNED BY: \_\_\_\_\_

SCALE: AS SHOWN

DATE: APRIL 2021

PROJECT: 147785006

**Kimley»Horn**

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 PHONE: 772-794-4100  
 WWW.KIMLEY-HORN.COM, CA 0000696

**LANDSCAPE DETAILS**

TomThumb  
 America  
 A minority of us group

FLORIDA

PENSACOLA

SHEET NUMBER  
**L1.50**



Packed By: Zhang, Jim Sheet Set: Tom Thumb Proscenium II125 Lovell11.00 Avenet 17, 2021 01:24:47pm K:\061 LA VERO BEACH\142785060 - Tom Thumb Proscenium\CAD\CONSTA\PlanSheets\11.00 - LANDSCAPE PLAN.dwg  
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CONTRACTOR RESPONSIBLE FOR EVALUATING/CONNECTING TO EXISTING SYSTEM AND ZONING (POTENTIALLY ADDING NEW VALVES) AS NECESSARY.

NOTE: IF SOURCE TO BE RECLAIMED (NON-POTABLE) ALL EQUIPMENT TO BE INDICATED AS SUCH AND PURPLE IN COLOR. FOLLOW ALL LOCAL JURISDICTION STANDARDS FOR RECLAIMED IRRIGATION SYSTEMS.

CONTRACTOR TO FIELD LOCATE EXISTING IRRIGATION EQUIPMENT (CONTROLLER, PUMP, ETC.). CONTRACTOR TO TURN ON IRRIGATION SYSTEM AND EVALUATE PERFORMANCE. MODIFICATION TO THE SYSTEM SHALL BE MADE BY THE GENERAL CONTRACTOR. CONTRACTOR RESPONSIBLE FOR PROVIDING THE PROPER WATER TO ALL NEW VEGETATION CONDUCTIVE FOR ESTABLISHING/MAINTAINING THE HEALTH AND VIGOR OF ALL PLANT MATERIAL. CONTRACTOR RESPONSIBLE FOR ENSURING ALL NEW/EXISTING PLANT MATERIAL TO BE PROPERLY IRRIGATED.

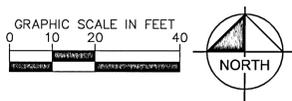
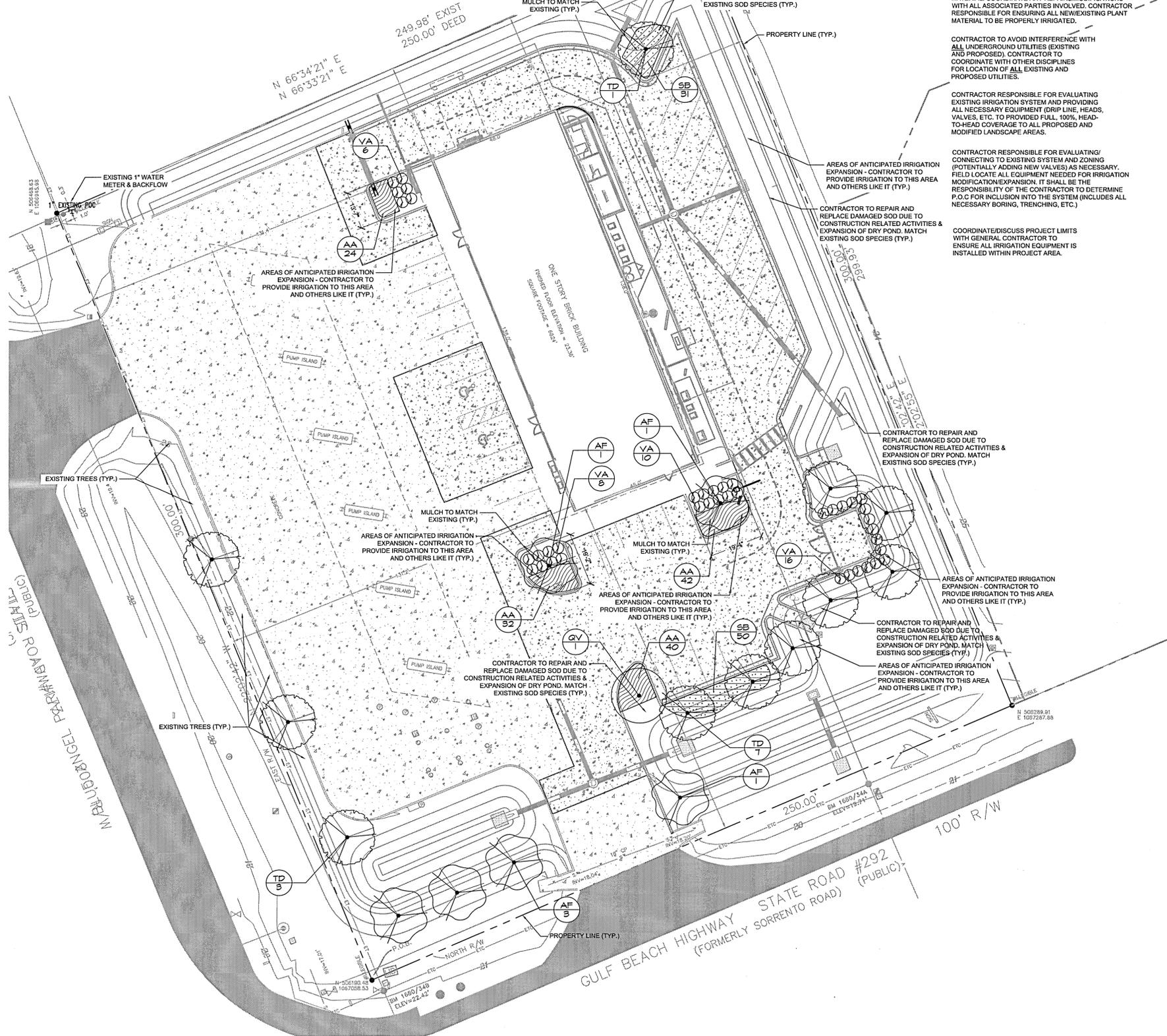
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CONTRACTOR TO AVOID INTERFERENCE WITH ALL UNDERGROUND UTILITIES (EXISTING AND PROPOSED). CONTRACTOR TO COORDINATE WITH OTHER DISCIPLINES FOR LOCATION OF ALL EXISTING AND PROPOSED UTILITIES.

CONTRACTOR RESPONSIBLE FOR EVALUATING EXISTING IRRIGATION SYSTEM AND PROVIDING ALL NECESSARY EQUIPMENT (DRIP LINE, HEADS, VALVES, ETC.) TO PROVIDED FULL, 100% HEAD-TO-HEAD COVERAGE TO ALL PROPOSED AND MODIFIED LANDSCAPE AREAS.

CONTRACTOR RESPONSIBLE FOR EVALUATING/CONNECTING TO EXISTING SYSTEM AND ZONING (POTENTIALLY ADDING NEW VALVES) AS NECESSARY. FIELD LOCATE ALL EQUIPMENT NEEDED FOR IRRIGATION MODIFICATION/EXPANSION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE P.O.C FOR INCLUSION INTO THE SYSTEM (INCLUDES ALL NECESSARY BORING, TRENCHING, ETC.)

COORDINATE/DISCUSS PROJECT LIMITS WITH GENERAL CONTRACTOR TO ENSURE ALL IRRIGATION EQUIPMENT IS INSTALLED WITHIN PROJECT AREA.



### PLANT SCHEDULE

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE
AF	6	ACER RUBRUM 'FLORIDA FLAME'	FLORIDA FLAME RED MAPLE	FG	3" CAL MIN	12' HT., 6' SPR.	
QV	1	QUERCUS VIRGINIANA 'CATHEDRAL'	LIVE OAK	FG	3" CAL MIN	12' HT., 6' SPR.	
TD	11	TAXODIUM DISTICHUM	BALD CYPRESS	FG	3.5" CAL MIN	12' HT MIN	

SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE
VA	40	VIBURNUM ODORATISSIMUM	AWABUKI VIBURNUM	7 GAL	48" OC	30" HT MIN	
SB	81	SPARTINA BAKERI	SAND CORD GRASS	3 GAL	18" HT MIN	30" OC	

GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACING
AA	138	AGAPANTHUS AFRICANUS	LILY OF THE NILE	3 GAL	12" FULL	24" OC	

MULCH	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACING

### TREE MITIGATION CALCULATIONS

TOTAL TREES REMOVED (TREES LESS THAN 12"): 6  
 TOTAL INCHES REQUIRED FOR MITIGATION: 6 CANOPY TREES @ 2.5" CALIPER MINIMUM  
 TOTAL TREES PROVIDED: 6 TREES AT 3" CALIPER  
 TOTAL INCHES REMOVED (TREES 12" OR GREATER): 43.3"  
 TOTAL INCHES REQUIRED FOR MITIGATION: 43.3" x 0.50 = 21.65"  
 TOTAL INCHES PROVIDED: 36 INCHES

- NOTE:
- ALL ADEQUATE TREE PROTECTION MEASURES AND BARRICADES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE AND MAINTAINED IN GOOD WORKING ORDER UNTIL PROJECT IS COMPLETE AND SITE BECOMES STABILIZED.
  - ALL TREE REMOVAL, LAND CLEARING, AND DISTURBANCE ACTIVITIES, PLACEMENT OF FILL MATERIALS, GRADING OF LAND, OTHER DEVELOPMENT ACTIVITIES, ETC. SHALL ONLY OCCUR AFTER ALL PROPER PERMITS &/OR APPROVALS ARE OBTAINED FROM ESCAMBIA COUNTY & ANY OTHER AGENCIES AS REQUIRED.

### LANDSCAPE NOTES:

- ALL LANDSCAPE MATERIAL TO BE FLORIDA GRADE #1 OR BETTER QUALITY
- ALL LANDSCAPED AREAS ARE TO RECEIVE A MINIMUM OF 4" OF TOPSOIL.
- ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE.
- ALL MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION.
- ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
- ALL PLANTING AREAS SHALL BE COMPLETELY MULCHED AS SPECIFIED.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR (1) TO VERIFY THE LOCATIONS OF UTILITY LINES ADJACENT TO THE WORK AREA (2) TO PROTECT ALL UTILITY LINES DURING THE CONSTRUCTION PERIOD (3) TO REPAIR ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY SCHEDULE AND PROTECTION BETWEEN DELIVERY AND PLANTING TO MAINTAIN HEALTHY PLANT CONDITIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY MAINTAINING (INCLUDING BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) ALL OF THE PLANT MATERIALS AND LAWN FOR THE WARRANTY PERIOD.
- ANY PLANT MATERIAL WHICH IS DISEASED, DISTRESSED, DEAD, OR REJECTED (PRIOR TO SUBSTANTIAL COMPLETION) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.
- THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR WARRANTY PERIOD. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS DURING THE NORMAL PLANTING SEASON.
- STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
- ALL LANDSCAPING SHALL BE INSTALLED ACCORDING TO SOUND NURSERY PRACTICES, AND SHALL BE FLORIDA NO. 1 OR BETTER AS GIVEN IN "GRADE AND STANDARDS FOR NURSERY PLANTS, PARTS I AND II", STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE.
- ALL INVASIVE / EXOTIC SPECIES AND PROHIBITED TREE SPECIES SHALL BE REMOVED FROM SITE, INCLUDING ROOT BALLS TO THE EXTENT POSSIBLE WITH NO DAMAGE TO ADJACENT EXISTING TREES.
- ALL LANDSCAPE AREAS WILL BE PROVIDED WITH PERMANENT AUTOMATIC IRRIGATION SYSTEM.
- TREE SUPPORT MATERIALS ARE TO BE REMOVED FROM EACH TREE ONCE IT IS "ESTABLISHED" (AS APPROVED BY THE LANDSCAPE ARCHITECT).
- ALL PLANT SPECIFICATIONS IN THE PLANT SCHEDULE SHALL BE CONSIDERED THE MINIMUM ALLOWABLE SPECIFICATIONS. CONTRACTOR SHALL PROCURE PLANT MATERIALS AND UPSIZE AS NECESSARY TO MEET THE MOST STRINGENT SPECIFICATION.

### IRRIGATION NOTES

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, EQUIPMENT QUANTITIES, ETC. PRIOR TO BEGINNING WORK.
- CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN PLANS OR SPECIFICATIONS PRIOR TO BEGINNING OR CONTINUING WORK.
- THE CONTRACTOR SHALL MAKE NO SUBSTITUTIONS, DELETIONS, OR ADDITIONS TO THIS PLAN WITHOUT APPROVAL OF THE LANDSCAPE ARCHITECT.
- ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO ENSURE THAT ALL IRRIGATION EQUIPMENT MEETS GOVERNMENT REGULATIONS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS OR APPROVALS.
- THIS PLAN IS SCHEMATIC AND DUE TO THE NATURE OF CONSTRUCTION SLIGHT FIELD MODIFICATIONS MAY BE NECESSARY TO IMPLEMENT PLAN.
- CONTRACTOR TO VERIFY ACTUAL AVAILABLE WATER PRESSURE BEFORE BEGINNING INSTALLATION. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IF AVAILABLE WATER PRESSURE WILL NOT ALLOW SYSTEM MODIFICATION TO BE POSSIBLE.
- IRRIGATION SYSTEMS CONNECTED TO POTABLE WATER SUPPLY, SHALL HAVE A BACKFLOW PREVENTER INSTALLED.
- WHERE APPLICABLE IRRIGATION HEADS ARE TO BE ADJUSTED FOR COMPLETE COVERAGE WITH MINIMUM OVER SPRAY BEYOND LANDSCAPE AREAS.
- EXISTING TREES TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. DO NOT TRENCH OR EXCAVATE WITHIN THE CRITICAL ROOT ZONE OF ANY TREE.
- ALL IRRIGATION SLEEVING TO BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR. ELECTRICAL WIRES FOR IRRIGATION VALVES AND IRRIGATION LINES ARE TO BE PLACED IN SEPARATE SLEEVES.
- IRRIGATION CONTRACTOR SHALL REVIEW WINTERIZATION PROCEDURES FOR IRRIGATION SYSTEM WITH OWNER'S REPRESENTATIVE.
- ALL PLANT MATERIAL IN TREE HOLDING AREAS SHALL BE MANUALLY WATERED/IRRIGATED TO KEEP MOIST UNTIL PLANTED.
- CONTRACTOR TO PROVIDE PERMANENT BENCH-MARKS ON ALL CURB LINES AT RELATED SLEEVE LOCATIONS (TYP).
- THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED TO MINIMIZE ROOT DISTURBANCE IN EXISTING TREES.
- IRRIGATION SPRAYS AND ROTORS ARE NOT COMBINED ON THE SAME CONTROL VALVE CIRCUIT - LANDSCAPE BEDS AND TURF ON SEPARATE CIRCUITS.
- MATCH PRECIPITATION RATES WITH ANY HEADS THAT ARE REPLACED.

No.	REVISIONS	DATE	BY

**Kimley & Horn**

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ARCHITECT

LA6667292

STATE OF FLORIDA

DESIGNED BY: JIJ  
 DRAWN BY: KJZ  
 CHECKED BY: KHA  
 DATE: 8/17/2021

## LANDSCAPE & IRRIGATION PLAN

TomThumb

Florida

EG America

PENSACOLA