DOLLAR TREE PLAZA

200-206 South Orange Avenue Green Cove Springs, Florida 32043

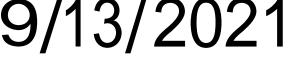
Owner: 200 North Orange Ave Holding LLC

9/13/2021

Revised 10/11/2021

Revised 6/6/2022

Revised 6/8/2023







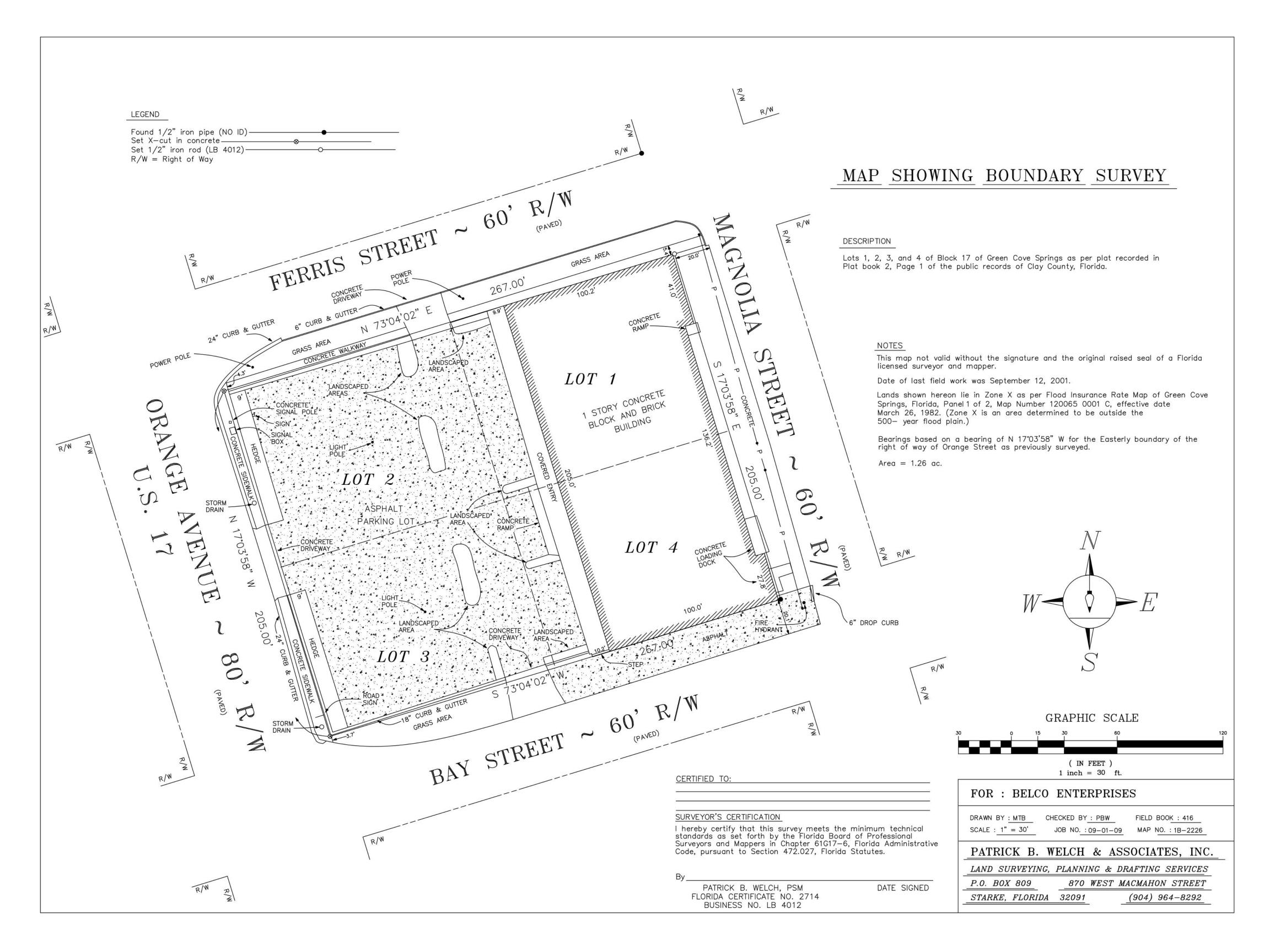




LAND USE SUMMARY

C8D **ZOMNG** C8D EXBT1NG/PBOPOSED USE **GROSS ACREAG&** PAHKNQ FHOVDHJ +3 handcapped

ONSITE: 52 (+ 3 handcapped) OFFSITE:



GENERAL NOTES

- CONTRACTOR TO ENSURE THAT THE LATEST APPROVED SETS OF CONSTRUCTION DRAWINGS/COPIES OF PERMITS ARE BEING UTILIZED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 2. HANDICAP RAMPS, SPACES AND SIGNAGE TO CONFORM WITH ANSI, CITY AND STATE STANDARDS REGARDING HANDICAP ACCESS.
- 3. ALL CONCRETE FOR CURB SIDEWALKS SHALL BE A MINIMUM STRENGTH OF 3,000 P.S.I. WITH A MAXIMUM SLUMP OF 4 INCHES.
- 4. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ENGINEER FOR ALL STRUCTURES PRIOR TO ORDERING.
- 5. ALL UNDERGROUND UTILITIES MUST BE INSTALLED PRIOR TO PREPARATION OF SUB-GRADE FOR PAVEMENT.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF EXISTING UTILITIES AND SHALL EXERCISE EXTREME CAUTION WHILE WORKING IN AREAS NEAR EXISTING STRUCTURES AND UTILITIES. THE CONTRACTOR SHALL REPAIR OR PAY FOR ALL DAMAGES MADE TO EXISTING STRUCTURES AND UTILITIES.
- 7. THE CONTRACTOR MUST OBTAIN ALL PERMITS PRIOR TO COMMENCEMENT OF CONSTRUCTION. ALL PERMITS MUST BE KEPT ON CONSTRUCTION SITE AT ALL TIMES AS REQUIRED
- 8. UNSUITABLE MATERIAL ENCOUNTERED SHALL BE LEGALLY DISPOSED OF OFFSITE AT THE CONTRACTOR'S EXPENSE OR DEPOSITED IN PROPOSED LANDSCAPE/BERM AREAS AS IS FEASIBLE. SEE NOTE 3 FOR ADDITIONAL INFORMATION CONCERNING UNSUITABLE MATERIAL
- 9. CONTRACTOR SHALL VERIFY EXISTING PAVEMENT AND BUILDING LOCATIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.
- 10. CONTRACTOR MUST PROVIDE CERTIFIED TEST RESULTS OF THE DEGREES OF COMPACTION OF THE SUB-GRADE AND THE BASE FROM AN INDEPENDENT QUALIFIED TEST LABORATORY.
- 11. DURING CONSTRUCTION, CONTRACTOR TO PLACE HAY BALES AND SILT CURTAINS AT ALL DOWNSTREAM DISCHARGE POINTS UNTIL CONSTRUCTION IS COMPLETE AND SEED/SOD HAS STABILIZED THE SOIL TO AVOID SILTATION AND TURBIDITY IN ACCORDANCE WITH FDEP AND ST. JOHNS RIVER WATER MANAGEMENT DISTRICT WATER QUALITY STANDARDS.
- 12. CONTRACTOR TO NOTIFY CLAY ELECTRIC PRIOR TO SITE CONSTRUCTION TO ARRANGE FOR LOCATION OF ANY ON-SITE TRANSFORMER SERVICE/PAD FACILITIES AND MUST NOTIFY ENGINEER IF REVISION IS REQUIRED ON PLAN FOR DEPICTION OF SUCH.
- 13. CONTRACTOR MUST CONTACT UNDERGROUND UTILITY LOCATE COMPANY 48 HOURS PRIOR TO DIGGING FOR ACTUAL FIELD LOCATIONS OF ANY KNOWN UNDERGROUND FACILITIES WITHIN THE LIMITS OF THE PROJECT.
- 14. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH LATEST CITY OF GREEN COVE SPRINGS DEVELOPMENT STANDARDS.
- 15. PRIOR TO DISCHARGE OF PRODUCED WATER INTO SURFACE WATERS OF THE STATE, AS DEFINED IN CHAPTER 62-620 OF THE FLORIDA ADMINISTRATIVE CODE, THE CONTRACTOR SHALL COMPLY WITH THE GENERIC PERMIT FOR THE DISCHARGE OF PRODUCED GROUND WATER DOCUMENT NUMBER 62-621.300(2).
- 16. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING GRADES AND FIELD CONDITIONS PRIOR TO COMMENCING WORK OR A SEGMENT OF WORK. FAILURE TO NOTIFY THE ENGINEER OR OWNER IN A TIMELY MANNER MAY HINDER WORK PROGRESS AND CAUSE DELAYS OR THE NEED FOR CHANGE ORDERS. SUCH DELAYS OR ADDITIONAL COST SHALL BE BORNE BY THE CONTRACTOR.
- 17. EFFORTS HAVE BEEN MADE TO COORDINATE BUILDING UTILITIES WITH THE SITE UTILITIES AVAILABLE OR PROPOSED. THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF PROPOSED AND EXISTING UTILITIES AND ENSURE CONTINUITY OF SAME.
- 18. ALL DISTURBED GRASS AREAS WILL BE RESTORED TO PRE-CONSTRUCTION CONDITION USING BAHAI SOD UNLESS OTHERWISE NOTED ON LANDSCAPE PLAN.
- 19. PAVEMENT TO BE REMOVED WILL BE SAWCUT IN STRAIGHT LINES. CONSTRUCTION JOINTS WILL BE INSTALLED WHERE NEW CONCRETE PAVEMENT ABUTS EXISTING CONCRETE PAVEMENT.
- 20. ALL BUILDING ROOF DRAINAGE (UNLESS OTHERWISE SHOWN) SHALL BE DIRECTED TO NEARBY PAVED AREAS OR THE PROPOSED DRAINAGE SYSTEM. CUSTOMARILY, THIS IS ACCOMPLISHED BY GUTTERS AND DOWNSPOUTS TO A PIPED CONVEYANCE THAT WILL DISCHARGE TO THE PAVEMENT OR DRAIN SYSTEM. UNLESS OTHERWISE INDICATED, THE BUILDING CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, METHOD OF CONSTRUCTION AND INSTALLATION OF SUCH A SYSTEM SUBJECT TO APPROVAL BY THE OWNER AND ENGINEER.

GENERAL TRAFFIC NOTES:

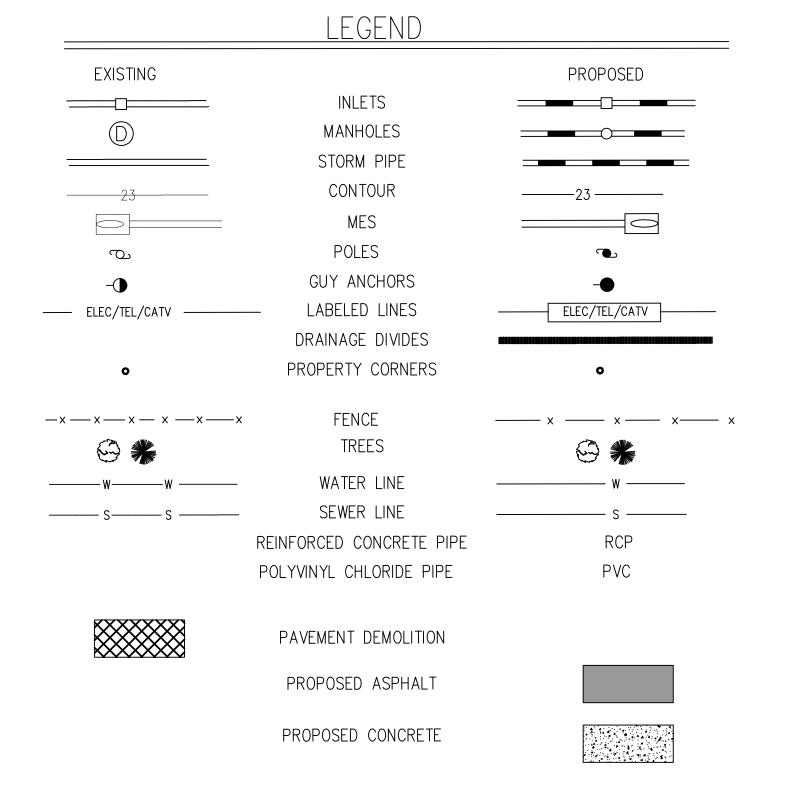
- 1. FOR TRAFFIC AND PEDESTRIAN SIGNAL INSTALLATION, REFER TO FDOT INDEX NO. 17721 THROUGH 17890.
- 2. FOR PUBLIC SIDEWALK CURB RAMPS, REFER TO FDOT INDEX NO. 522-002.
- 3. FOR PAVEMENT MARKING AND SIGN INSTALLATION, REFER TO FDOT INDEX 711.
- 4. CROSSWALK MINIMUM WIDTHS: INTERSECTION CROSSWALK 6', MIDBLOCK CROSSWALK 10'.
- 5. ALL CROSSWALK MARKINGS SHALL BE WHITE.
- 6. WHERE THE CROSSWALK IS SKEWED TO THE LANE LINES, THE SPECIAL EMPHASIS LONGITUDINAL LINES SHOULD BE PARALLEL TO THE LANE LINE.

DEMOLITION NOTES

- 1. PAVEMENT AND GREEN SPACE TO BE DEMOLISHED ARE DESIGNATED
- 2. SAWCUT ALL PAVEMENT TO BE REMOVED THAT ABUTS PAVEMENT TO REMAIN.

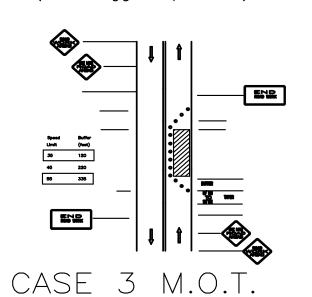
MAINTENANCE OF TRAFFIC REQUIREMENTS

- 1. ANY MODIFICATIONS OF THIS MAINTENANCE OF TRAFFIC PLAN SHALL BE SUBMITTED TO THE CITY OF GREEN COVE SPRINGS FOR REVIEW AND APPROVAL PRIOR TO IMPLEMENTATION.
- 2. PROJECT WORK HOURS ARE BETWEEN 7:00 AM TO 7:00 PM ON RESIDENTIAL STREETS. AND 9:00 AM TO 4:00 PM ON COLLECTOR OR ARTERIAL STREETS.
- 3. CONTRACTOR MUST MAINTAIN EXISTING SIGNING. IF SIGNS ARE DAMAGED DUE TO HIS ACTIVITY. THE CONTRACTOR IS REQUIRED TO REPLACE THEM IN ACCORDANCE WITH CURRENT CITY STANDARD SPECIFICATIONS IMMEDIATELY.
- 4. ACCESS TO ALL STREETS AND DRIVEWAYS TO BE MAINTAINED AT ALL TIMES.
- 5. IF SIDEWALKS ARE DISTURBED AND HAVE TO BE REPLACED, HANDICAP RAMPS ARE TO BE INSTALLED.
- 6. THE CONTRACTOR SHALL CONFINE HIS ACTIVE WORK AREA TO NO MORE THAN ONE BLOCK AT A TIME.
- 7. THE ROADWAY SHALL BE RESTORED TO AT LEAST A LIMEROCK SURFACE BEFORE IT IS REOPENED TO TRAFFIC, AND BEFORE THE CONTRACTOR MOVES ON TO THE NEXT CONSTRUCTION ZONE.
- 8. DUST CONTROL MEASURES SHALL BE IMPLEMENTED ON ALL UNPAVED SURFACES UNTIL PAVED.
- 9. WHERE CONSTRUCTION PHASING IS NOT SHOWN ON PLANS, OR IF CONTRACTOR WANTS TO ALTER THE PHASING SHOWN, CONTRACTOR IS TO SUBMIT PHASING PLAN WITH A PROPOSED CONSTRUCTION SCHEDULE TO TRAFFIC ENGINEERING PRIOR TO CONSTRUCTION.
- 10. MOT WILL COMPLY WITH CITY OF GREEN COVE SPRINGS DEVELOPMENT STANDARDS AND FDOT STANDARD SPECIFICATIONS AND INDICES.



MAINTENANCE OF TRAFFIC DETAILS

Lane Closure on a Two-Lane Road (Two Flagger Operation)



A CASE 3 MOT SHALL ONLY BE IMPLEMENTED WHILE CONTRACTOR PERSONNEL ARE PRESENT. DURING OFF HOURS THIS MOT SHOULD BE REMOVED AND TWO LANES OF TRAFFIC RESTORED.

<u>LEGEND</u>

Channelizing Device Flagger Symbol Portable Sign Support Arrow Display High Level Warning Device Work Area Warning Sign

TAPER LENGTH CRITERIA

TYPE OF TAPER	TAPER LENGTH (L)*
MERGING TAPER	AT LEAST L
SHIFTING TAPER	AT LEAST 0.5L
SHOULDER TAPER	AT LEAST 0.33L
ONE LANE, TWO WAY TRAFFIC TAPER	100 FT. MAXIMUM
DOWNSTREAM TAPER	100 FT PER LANE

*FORMULAS FOR L ARE AS FOLLOWS

FOR SPEED LIMITS OF 40 MPH OR LESS

FOR SPEED LIMITS OF 45 MPH OR GREATER

 $L=WS^{2}$

WHERE: L = TAPER LENGTH IN FEETW = WIDTH OF OFFSET IN FEET S = POSTED SPEED LIMIT

SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS**		
	А	В	С
URBAN (low speed)	100	100	100
URBAN (high speed)	350	350	350
RURAL	500	500	500
Expressway/Freeway	1,000	1,500	2,640

* SPEED CATEGORY TO BE DETERMINED BY HIGHWAY AGENCY ** DISTANCES ARE SHOWN IN FEET. THE COLUMN HEADING A, B, AND C ARE THE DIMENSIONS SHOWN IN FIGURES 6H-1 THROUGH 6H-46 OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE A DIMENSION IS THE DISTANCE FROM THE TRANSITION OR POINT OF RESTRICTION TO THE FIRST SIGN. THE B DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS. THE C DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGNS. (THE THIRD SIGN IS THE FIRST ONE IN THE THREE-SIGN SERIES ENCOUNTERED BY A DRIVER APPROACHING A TEMPORARY TRAFFIC CONTROL ZONE). NOTE: LONGITUDINAL DIMENSIONS ARE TO BE ADJUSTED TO FIT FIELD CONDITIONS. SEE FDOT INDEX No. 600



MICHELE

P.E.

AGEE,

X

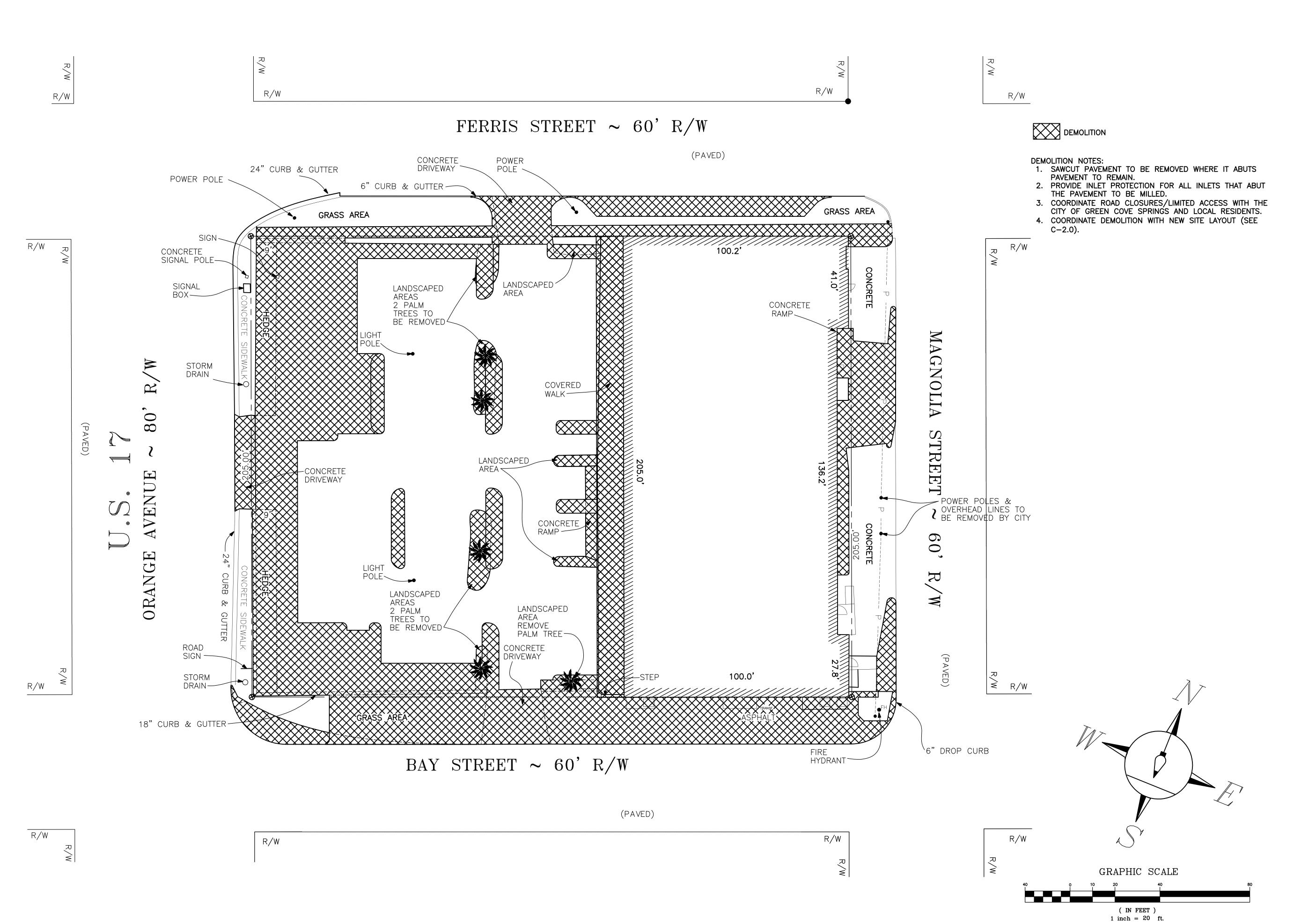
MICHELE M. AGEE, FL#49142

REVISIONS **CITY REVIEW 7 OCT 202** ITY COMMENTS 7 NOV 202 TY COMMENTS 18 MAY 20 TY COMMENTS 26 JAN 20

GENERAL NOTES

12 SEP 20





MICHELE M. AGEE, P.E., P.A.

DRAWATER SYSTEM AS SHOWN ON THESE PLANS
TED PREPARED IN ACCORDANCE WITH STANDARD,
CRITERIA, RULES OR LAWS, THAT ARE MANDATED
HERS (I.e. GIT, COUNTY, STATE, FEDERAL, etc.)
HERS (I.e. CIT) COUNTY, STATE, FEDERAL, etc.)
HERS (I.e. CIT) COUNTY, STATE, FEDERAL, etc.)
HERS USED TO DETERMINE THE FINAL DESIGN FOR TORMWATER FACILITIES, THE ENGINEER DOES NOT RESPONSIBILITY FOR FUTURE POSSBILE ENVIRONMENTAL
RESOLLING FROM THE REQUIREMENT FOR

SANGE ST.

S. ORAN

CLAY COUNTY

MICHELE M. AGEE, FL#49142

REVISIONS

CITY REVIEW 7 OCT 202

CITY COMMENTS 7 NOV 202:

CITY COMMENTS 18 MAY 202

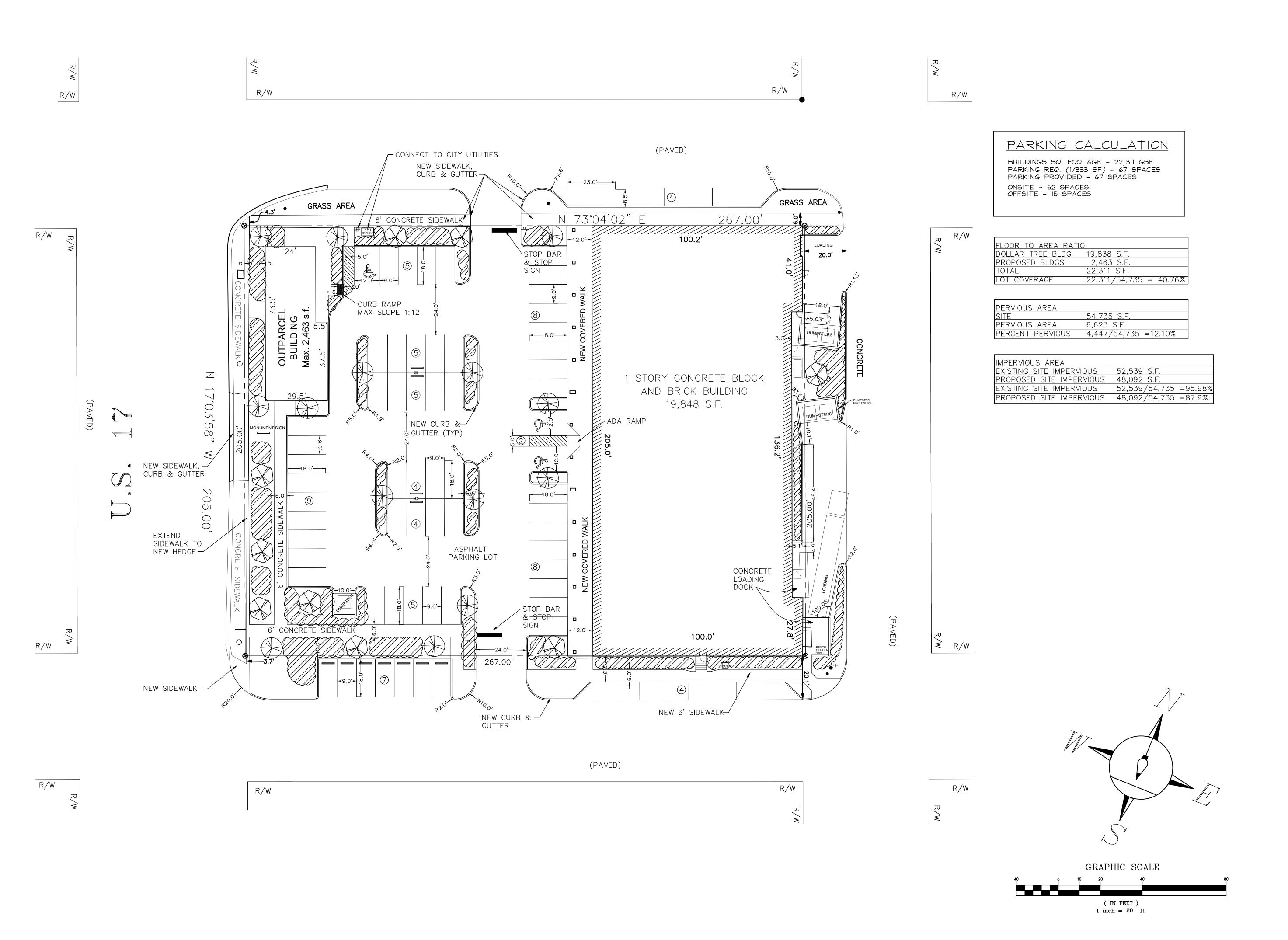
CITY COMMENTS 26 JAN 202

CITY COMMENTS 14 MAR 202

DEMOLITION PLAN

DATE: 12 SEP 2021 D.B.: MMA

C-1.1



MICHELE M. AGEE, P.E., P.A.

AGENT FOR M.AGEE, P.E., P.A. IT IS FOR INFORMATION CURPOSES ONLY, AND IS NOT VALID.

**HE STORMWATER SYSTEM AS SHOWN ON THESE PLANS HAS BEEN PREFARED IN ACCORDANCE WITH STANDARD, ACCEPTED ENGINEERING PRACTICE. HOWEVER, CERTAIN DESIGN CRITERIA, RULES ON LAWS, THAT ARE MANDATED BY OTHERS (i.e. GITY, COUNTY, STATE, FEDERAL, etc.) BY OTHERS (i.e. GITY, COUNTY, STATE, FEDERAL, etc.) BY SHOW BEEN USED TO ETERMINE FOR ENTIRE POSSIBLE ENVIRONMENTAL COCEPT RESPONSIBILITY FOR FUTURE POSSIBLE ENVIRONMENTAL SETTING MAINT TOP STORMWATER.

DOLLAR TREE PLAZA S. ORANGE ST.

CLAY COUNTY

MICHELE M. AGEE, FL#49142
REVISIONS

REVISIONS

CITY REVIEW 7 OCT 202

CITY COMMENTS 7 NOV 202

CITY COMMENTS 18 MAY 202

CITY COMMENTS 26 JAN 202

CITY COMMENTS 14 MAR 202

HORIZONTAL CONTROL

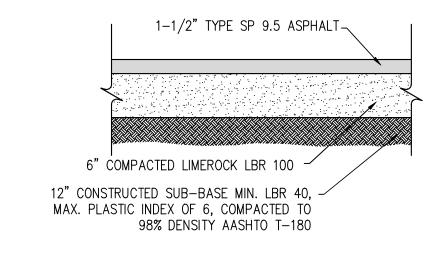
DATE: 12 SEP 20

D.B.: MM

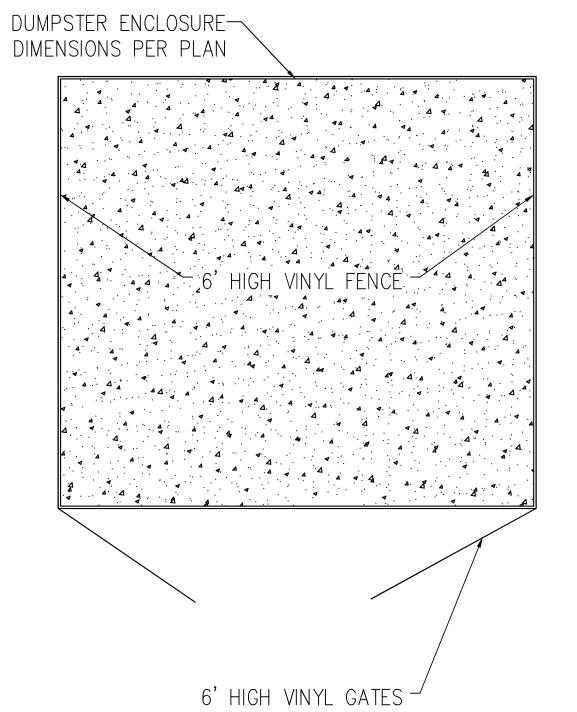
C.B.: MM

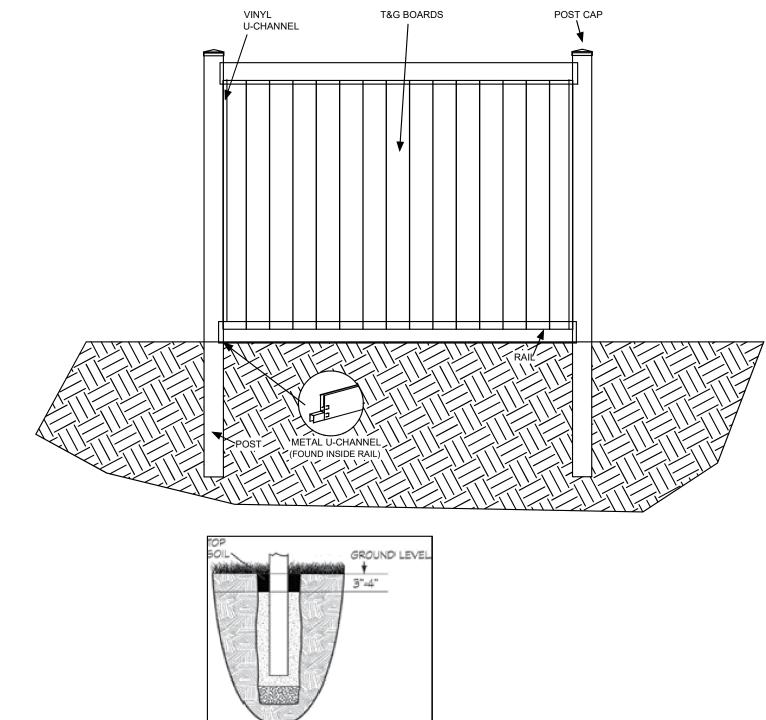


CONCRETE SIDEWALK ADJACENT TO PAVEMENT
NTS

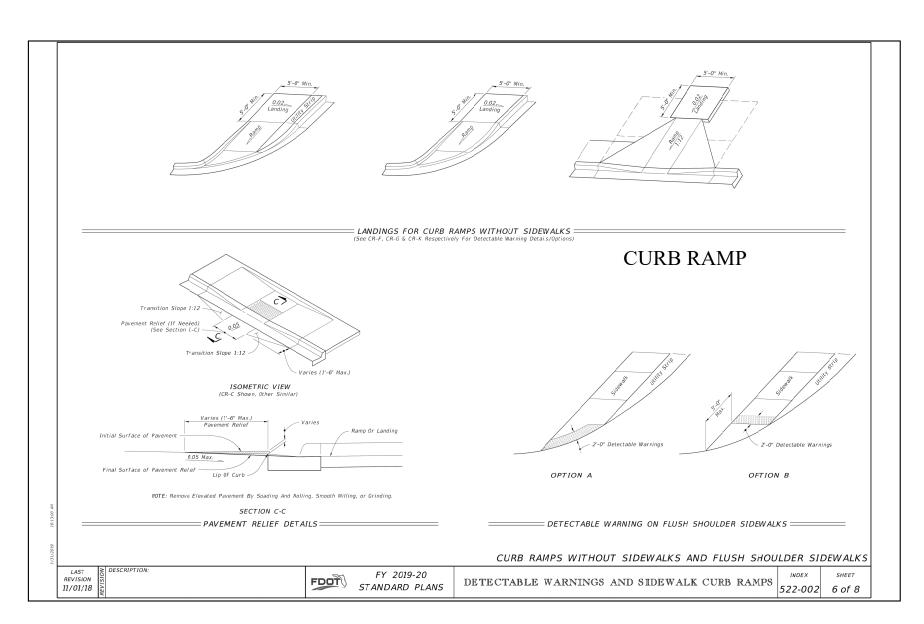


ASPHALT PAVEMENT SECTION NTS

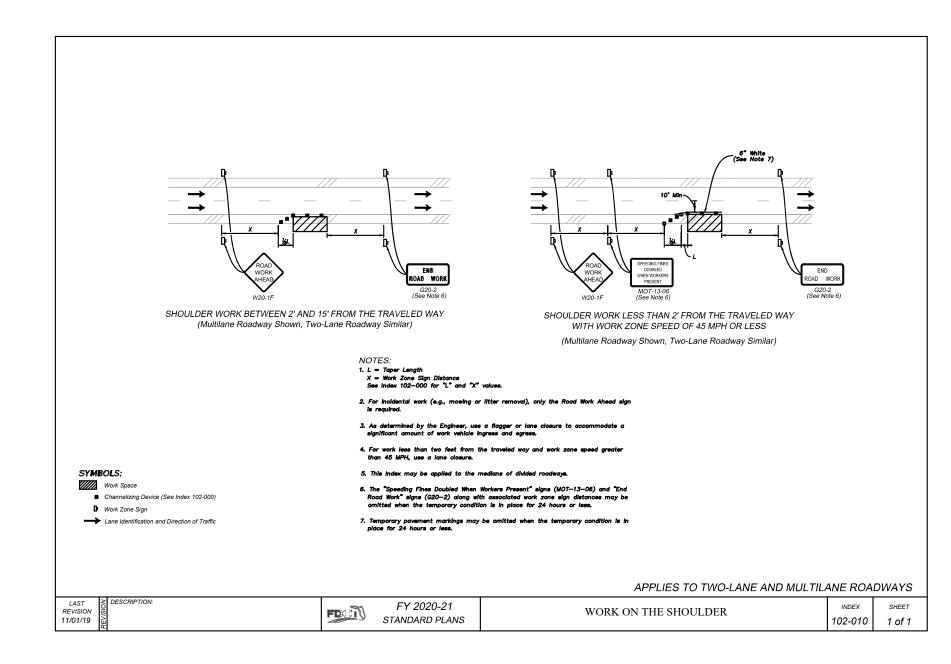


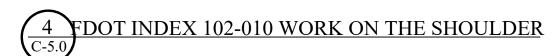


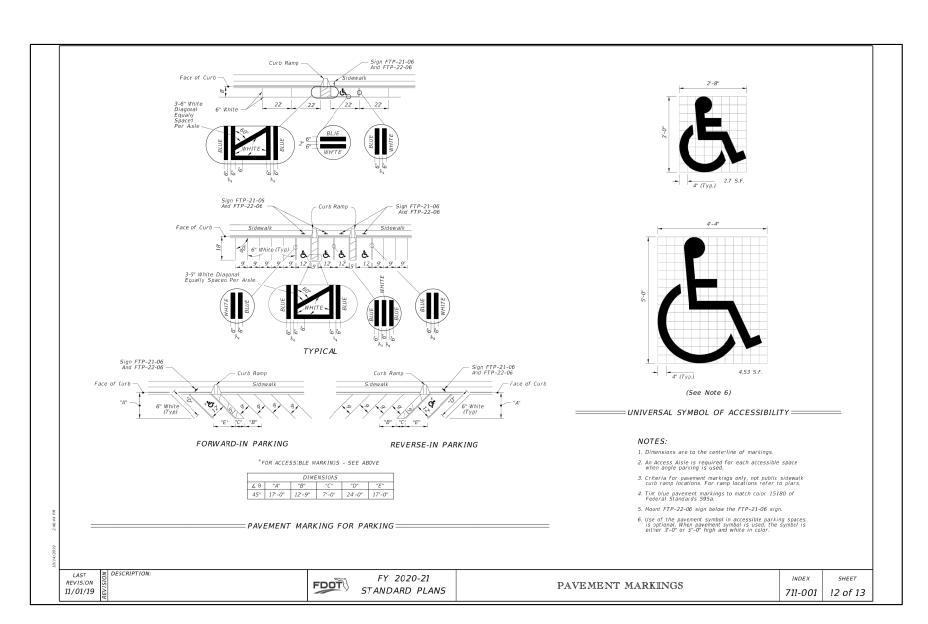


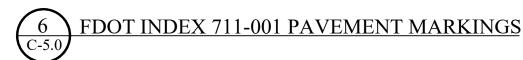


3 FDOT INDEX 522-0021 DETECTABLE WARNINGS AND CURB RAMPS









MICHELE M. AGEE, P.E., P.A.

AGEN TOR MARKEL, P.L., P.A., II IS TOR INFORMATION
PORPOSES ONLY, AND IS NOT VALID.

THE STORMWATER SYSTEM AS SHOWN ON THESE PLANS
HAS BEEN PREPARED IN ACCORDANCE WITH STANDARD,
ACCEPTED ENGINEERING PRACTICE. WITH STANDARD,
BY OFFERS (I.e. CITY, COUNTY, STATE, FEDERAL, etc.)
BY OFFERS (I.e. CITY, COUNTY, STATE, FEDERAL, etc.)
HAY GHER USED TO DETERMINE THE FINAL DESIGN FOR
SUCH STORMWATER FACILITIES. THE ENGINEER DOES NOT
ACCEPT RESPONSIBLY FOR FUTURE POSSIBLE ENKNOMMENTAL
SSSUES RESULTING FROM THE REQUIREMENT FOR

DOLLAR TREE PLAZA S. ORANGE ST.

COVE SPRINGS,

MICHELE M. AGEE, FL#49142
REVISIONS

CITY REVIEW 7 OCT 2021 CITY COMMENTS 7 NOV 2021

CITY COMMENTS 18 MAY 202

SITE DETAILS

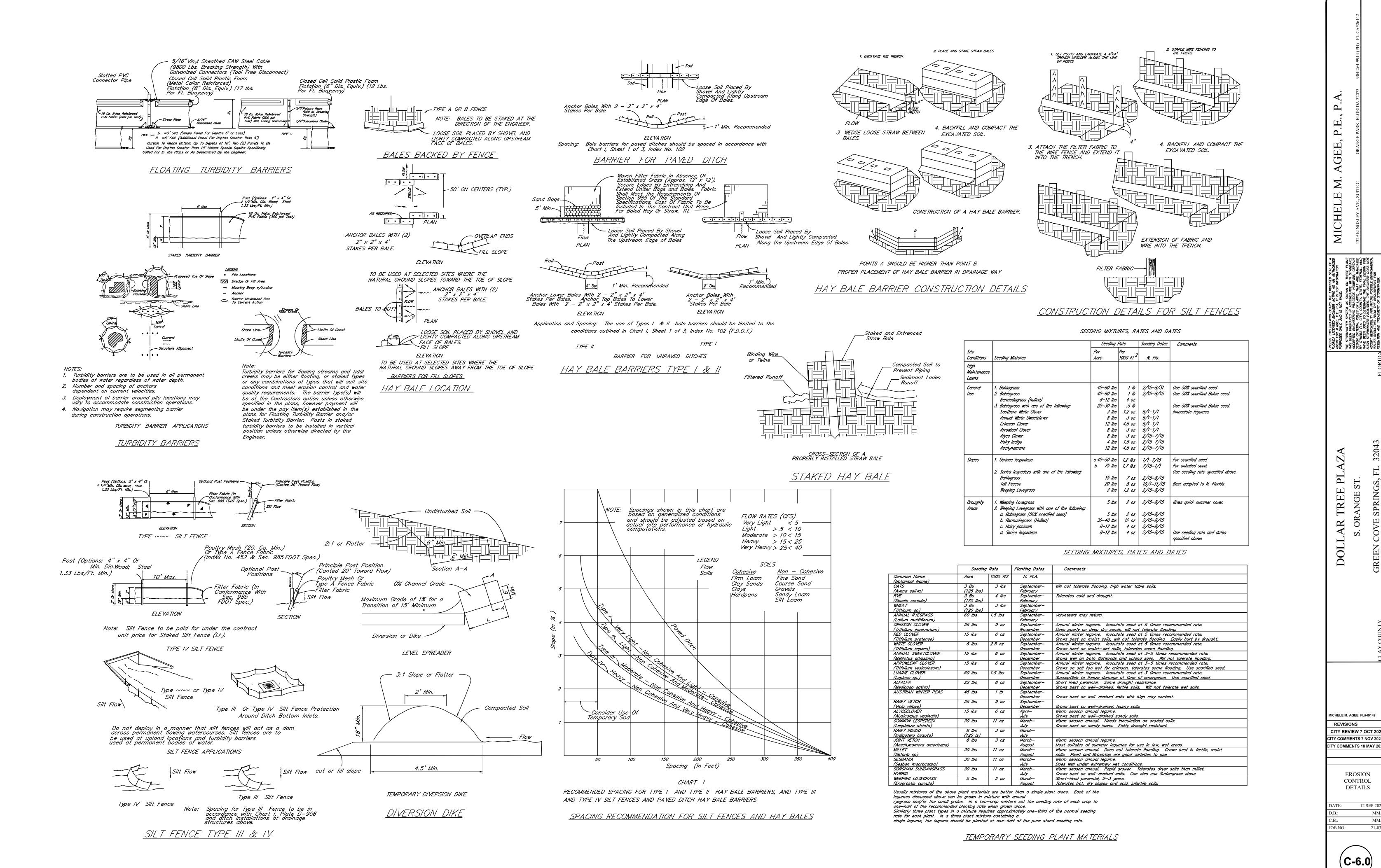
 DATE:
 12 SEP 2021

 D.B.:
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 C.B.:
 MMA

 JOB NO.
 21-037

C-5.0



21-03 (C-6.0)

EROSION

CONTROL

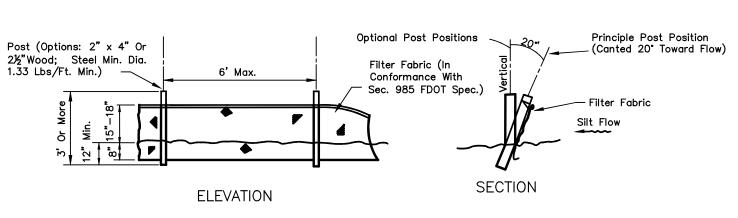
DETAILS

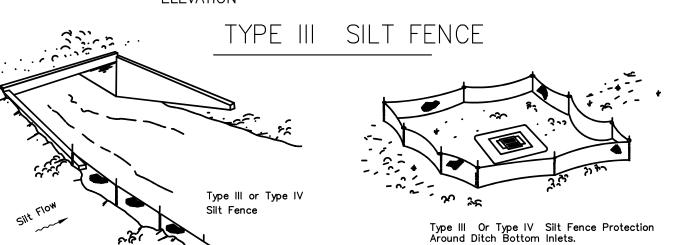
12 SEP 20

MM

EROSION AND SEDIMENT CONTROL NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM SITE IF NOT REUSABLE ON-SITE AND ASSURING PLAN ALIGNMENT AND GRADE IN ALL DITCHES AND SWALES AT COMPLETION OF CONSTRUCTION.
- 2. THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.
- 3. ADDITIONAL PROTECTION ON-SITE PROTECTION IN ADDITION TO THE ABOVE MUST BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNSEEN CONDITIONS OR ACCIDENTS.
- 4. CONTRACTOR SHALL INSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEANED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.
- 5. WIRE MESH SHALL BE LAID OVER THE DROP INLET SO THAT THE WIRE EXTENDS A MINIMUM OF 1 FOOT BEYOND EACH SIDE OF THE INLET STRUCTURE. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2-INCH OPENINGS SHALL BE USED. IF MORE THAN ONE STRIP OF MESH IS NECESSARY, THE STRIPS SHALL BE OVERLAPPED.
- 6. FDOT NO. 1 COARSE AGGREGATE SHALL BE PLACED OVER THE WIRE MESH AS INDICATED IN D-903. THE DEPTH OF STONE SHALL BE AT LEAST 12 INCHES OVER THE ENTIRE INLET OPENING. THE STONE SHALL EXTEND BEYOND THE INLET OPENING AT LEAST 18 INCHES ON ALL SIDES.
- 7. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONES MUST BE PULLED AWAY FROM THE INLET, CLEANED AND REPLACED.
- 8. BALES SHALL BE EITHER WIRE-BOUND OR STRING-TIED WITH THE BINDINGS ORIENTED AROUND THE SIDES RATHER THAN OVER AND UNDER
- 9. BALES SHALL BE PLACED LENGTHWISE IN A SINGLE ROW SURROUNDING THE INLET, WITH THE ENDS OF ADJACENT BALES PRESSED TOGETHER.
- 10. THE FILTER BARRIER SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 8 INCHES. AFTER THE BALES ARE STAKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AND COMPACTED AGAINST THE FILTER BARRIER.
- 11. EACH BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY AT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALE.
- 12. LOOSE STRAW SHOULD BE WEDGED BETWEEN BALES TO PREVENT WATER FROM ENTERING BETWEEN BALES.
- 13. STRAW BALE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
- 14. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES.
- 15. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY.
- 16. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE STRAW BALE BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.
- 17. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
- 18. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
- 19. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-THIRD THE HEIGHT OF THE BARRIER.
- 20. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.
- 21. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
- 22. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/3 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
- 23. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE BEST EROSION AND SEDIMENT CONTROL PRACTICES AS OUTLINED IN THE PLANS, SPECIFICATIONS AND ST. JOHNS RIVER WATER MANAGEMENT DISTRICT SPECIFICATIONS AND CRITERIA.
- 24. FOR ADDITIONAL INFORMATION ON SEDIMENT AND EROSION CONTROL REFER TO "THE FLORIDA DEVELOPMENT MANUAL - A GUIDE TO SOUND LAND AND WATER MANAGEMENT" FROM THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION (F.D.E.R.) CHAPTER 6.
- 25. EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE PLACED ADJACENT TO ALL WETLAND AREAS WHERE THERE IS POTENTIAL FOR DOWNSTREAM WATER QUALITY DEGRADATION. SEE DETAIL SHEET FOR TYPICAL CONSTRUCTION.
- 26. ALL DISTURBED AREAS SHALL BE GRASSED, FERTILIZED, MULCHED AND MAINTAINED UNTIL A PERMANENT VEGETATIVE COVER IS ESTABLISHED.
- 27. SOD SHALL BE PLACED IN AREAS WHICH MAY REQUIRE IMMEDIATE EROSION PROTECTION TO ENSURE WATER QUALITY STANDARDS ARE MAINTAINED.
- 28. ANY DISCHARGE FROM DEWATERING ACTIVITY SHALL BE FILTERED AND CONVEYED TO THE OUTFALL IN A MANNER WHICH PREVENTS EROSION AND TRANSPORTATION OF SUSPENDED SOLIDS TO THE RECEIVING OUTFALL.
- 29. DEWATERING PUMPS SHALL NOT EXCEED THE CAPACITY OF THAT WHICH REQUIRES A CONSUMPTIVE USE PERMIT FROM THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT.
- 30. ALL DISTURBED AREAS TO BE STABILIZED THROUGH COMPACTION, SILT SCREENS, HAY BALES, AND GRASSING. ALL FILL SLOPES 3:1 OR STEEPER TO RECEIVE STAKED SOLID SOD.
- 31. ALL DEWATERING, EROSION, AND SEDIMENT CONTROL TO REMAIN IN PLACE AFTER COMPLETION OF CONSTRUCTION AND REMOVED ONLY WHEN AREAS HAVE STABILIZED.
- 32. THIS PLAN INDICATES THE MINIMUM EROSION AND SEDIMENT MEASURES REQUIRED FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL APPLICABLE RULES, REGULATIONS AND WATER QUALITY GUIDELINES AND MAY NEED TO INSTALL ADDITIONAL CONTROLS.
- 33. THE CONTRACTOR SHALL BE REQUIRED TO RESPOND TO ALL WATER MANAGEMENT DISTRICT INQUIRIES, RELATIVE TO COMPLIANCE OF SJRWMD FOR EROSION AND SEDIMENTATION CONTROL. THE COST OF THIS COMPLIANCE SHALL BE PART OF THE CONTRACT.

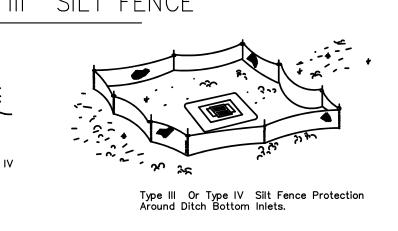




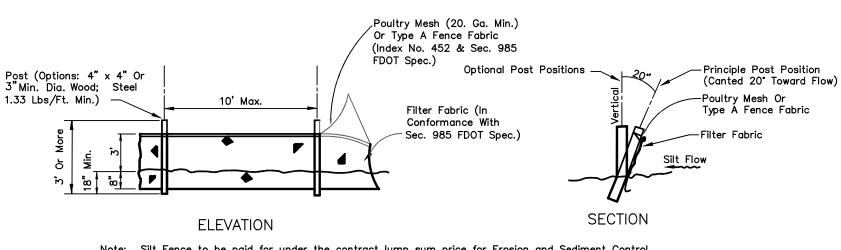
Do not deploy in a manner that silt fences will act as a dam across permanent flowing

watercourses. Silt fences are to be used at upland locations and turbidity barriers

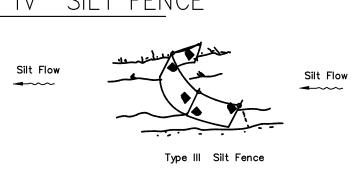
used at permanent bodies of water.







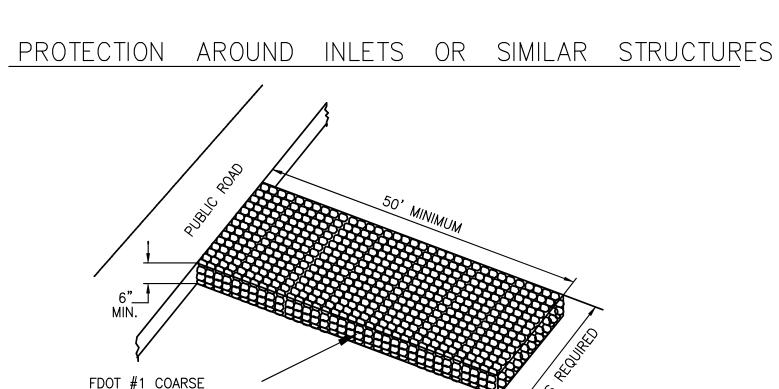




Note: Spacing for Type III & TYPE IV Fence to be in accordance with Chart 1, Sheet 1 of 3, FDOT Index No. 102 and ditch installations at drainage structures Sheet 2 of 3, FDOT Index No. 102.

SILT FENCE APPLICATIONS

FENCE TYPE III & IV (D-908)N.T.S.



COMPLETED INLET

Anchor Bales With $2 - 2" \times 2" \times 4"$

DITCH BOTTOM INLET

MIC

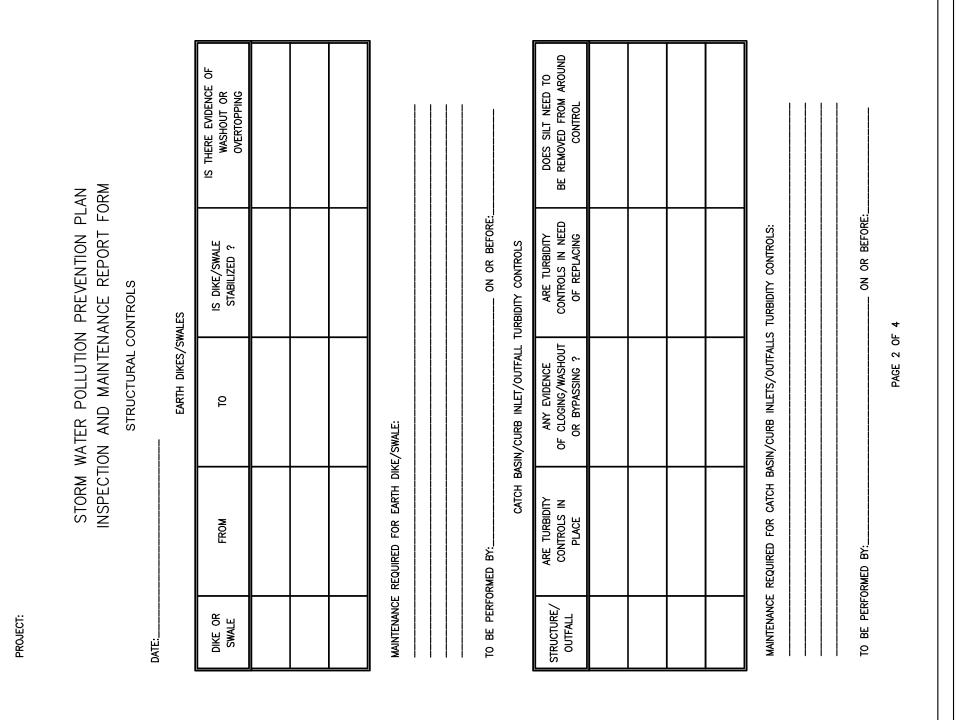
TREE

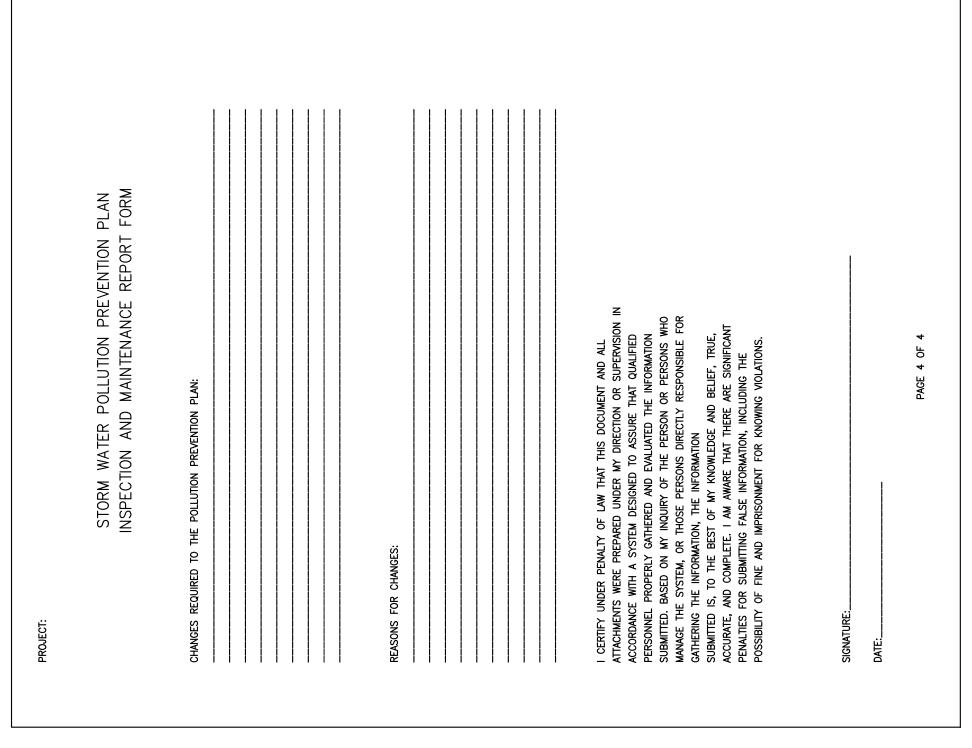
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SPRIN

Stakes Per Bale.

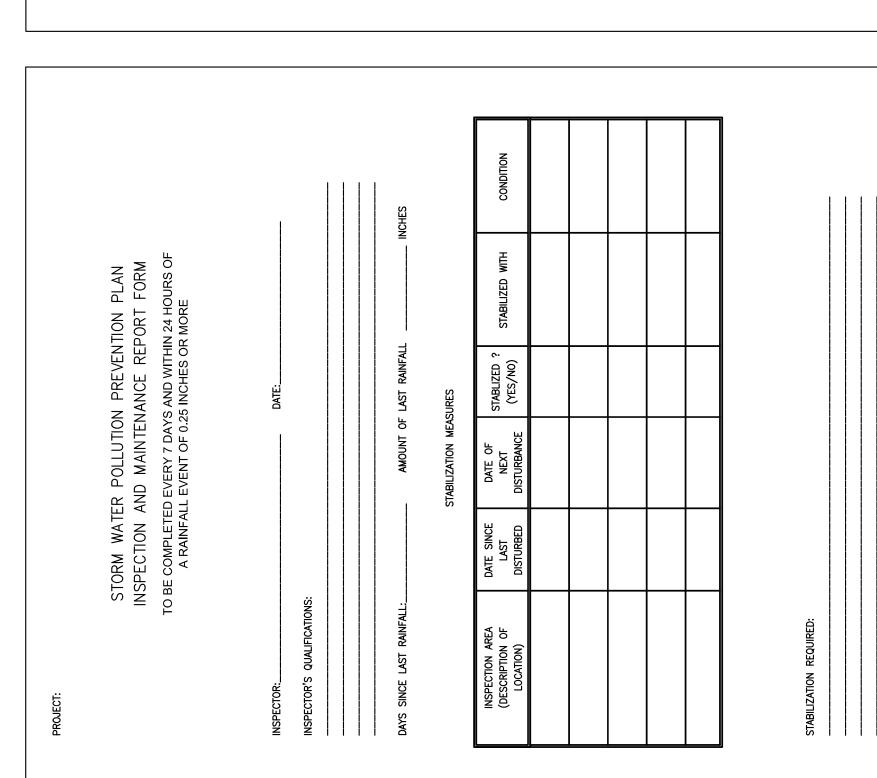
STABILIZED CONSTRUCTION ENTRANCE

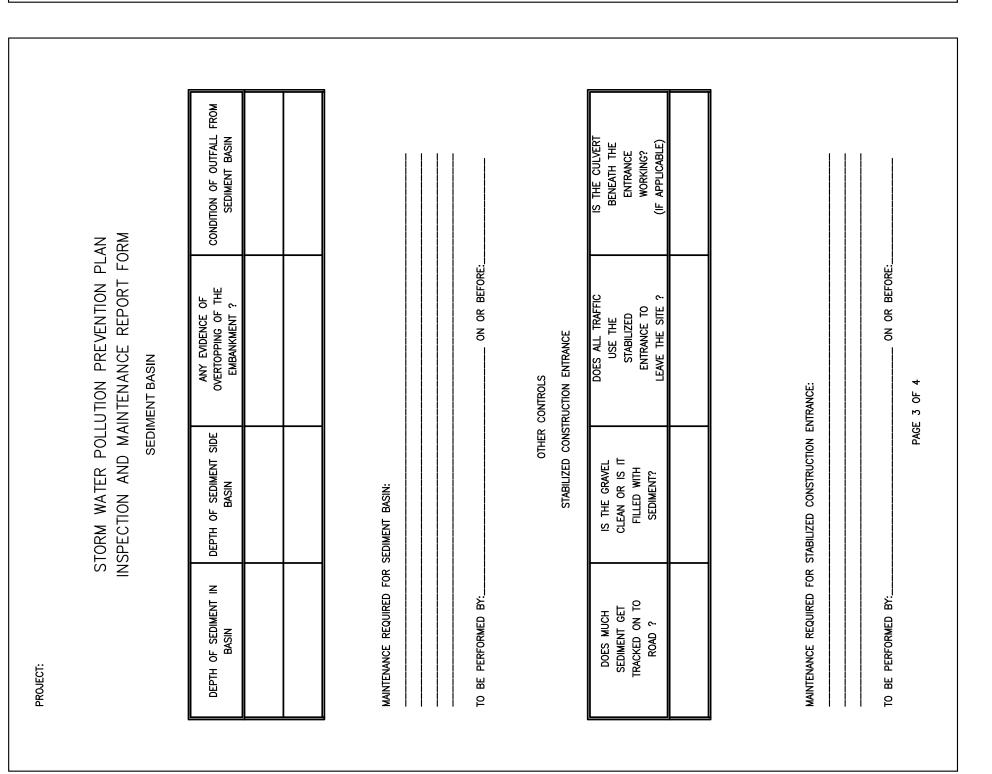




PARTIAL INLET

AGGREGATE OR EQUIVALENT





CITY REVIEW 7 OCT 202 ITY COMMENTS 7 NOV 202 ITY COMMENTS 18 MAY 202 SAMPLE SWPPP-1 DATE: 12 SEP 202 21-03 JOB NO. (C-6.1)

IICHELE M. AGEE, FL#49142

REVISIONS

RUNOFF CURVE NUMBERS:

PERMANENT STABILIZATION.

AND SEEDING.

- 1. PRE-CONSTRUCTION = __79__ 2. DURING CONSTRUCTION = __XX___
- 3. POST-CONSTRUCTION = 95
- SOILS: SEE SOIL BORING REPORT FOR SOILS DATA
- 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.
- * SEE ATTACHED EROSION & TURBIDITY CONTROL PLAN FOR LOCATION OF TEMPORARY STABILIZATION PRACTICES, AND TURBIDITY BARRIERS * SEE GENERAL NOTES FOR REQUIRMENTS FOR TEMPORARY AND

SITE AREA:

- 1. TOTAL AREA OF SITE = 11.73 2. TOTAL AREA TO BE DISTURBED = 11.73
- NAME OF RECEIVING WATERS: ST JOHNS RIVER

CONTROLS

THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN OFF. AN EROSION AND TURBIDITY PLAN HAS BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS. IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL AND MAINTAIN THE CONTROLS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL, STATE AND LOCAL LAWS. REFER TO "CONTRACTORS RESPONSIBILITY" FOR A VERBAL DESCRIPTION OF THE CONTROLS THAT MAY BE IMPLEMENTED.

STORM WATER MANAGEMENT

STORM WATER DRAINAGE WILL BE PROVIDED BY (DESRIPTION:) _____

STORWATER TREATMENT SYSTEM

FOR THE PROJECT. AREAS WHICH ARE NOT TO BE CONSTRUCTED ON, BUT WILL BE REGRADED SHALL BE STABILIZED IMMEDIATELY AFTER GRADING IS COMPLETE, WHEN CONSTRUCTION IS COMPLETE, A TOTAL OF ____ ACRES WILL HAVE BEEN REGRADED, ___ ACRES LEFT UNDISTURBED. THE SITE DISCHARGES TO A WET DETENTION SYSTEM. WHERE PRACTICAL, TEMPORARY SEDIMENT BASINS WILL BE USED TO INTERCEPT SEDIMENT BEFORE ENTERING THE PERMANENT DETENTION BASIN. THE WET DETENTION SYSTEM IS DESIGNED WITH A ____ DAY MINIMUM RESIDENCE VOLUME. THIS IS IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH BY THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT FOR THIS TYPE OF DEVELOPMENT AT THE TIME OF PERMITTING.

TIMING OF CONTROLS/MEASURES

REFER TO " CONTRACTORS RESPONSIBILITY" FOR THE TIMING OF CONTROL/MEASURES.

CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

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 # _____ THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S
REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWN ON THE EROSION
AND TURBIDITY CONTROL PLAN. IN ADDITION THE CONTRACTOR SHALL UNDERTAKE
ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT
CONDITIONS AND STATE WATER QUALITY STANDARDS. DEPENDING ON THE NATURE

SEQUENCE OF MAJOR ACTIVITIES:

REQUIRED TO ADD FLOCCULANTS TO THE RETENTION SYSTEM PRIOR TO PLACING

OF MATERIALS AND METHODS OF CONSTRUCTION THE CONTRACTOR MAY BE

GENERAL

THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:

INSTALL STABILIZED
 CONSTRUCTION ENTRANCE

THE SYSTEM INTO OPERATION

- INSTALL SILT FENCES AND HAY
 BALES AS REQUIRED
 CLEAR AND GRUB FOR DIVERSION
 SWALES/DIKES AND SEDIMENT
- 4. CONSTRUCT SEDIMENTATION
 BASIN

PRACTICABLE

- 5. CONTINUE CLEARING AND GRUBBING
- STOCK PILE TOP SOIL IF REQUIRED
 PERFORM PRELIMINARY GRADING
 ON SITE AS REQUIRED
 STABILIZE DENUDED AREAS AND
 STOCKPILES AS SOON AS
- 9. INSTALL UTILITIES, STORM SEWER, CURBS & GUTTER.
 10. APPLY BASE TO PROJECT
 11. COMPLETE GRADING AND INSTALL PERMANENT SEEDING/SOD AND PLANTING

12. COMPLETE FINAL PAVING

AS REQUIRED

13. REMOVE ACCUMULATED
SEDIMENT FROM BASINS

14. WHEN ALL CONSTRUCTION
ACTIVITY IS COMPLETE AND THE
SITE IS STABILIZED, REMOVE ANY
TEMPORARY DIVERSION
SWALES/DIKES AND RESEED/SOD

TIMING OF CONTROLS/MEASURES

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 CEASED. ONCE CONSTRUCTION ACTIVITY CEASES 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.

CONTROLS

IT IS THE CONTRACTORS RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IT IS ALSO THE CONTRACTORS RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING PROPERLY TO PREVENT TURBID OR 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.

EROSION AND SEDIMENT CONTROLS

- STABILIZATION PRACTICES

 1. HAY BALE BARRIER: HAY BALE 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.

 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.
- FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:
- A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT.
 B. IN MINOR SWALES OR 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.
- 3. 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

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

- 5. STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY.
- 6. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR 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 OF SEDIMENTS.
- 7. INLET PROTECTION: INLETS AND CATCH BASINS WHICH DISCHARGE DIRECTLY OFF—SITE SHALL BE PROTECTED FROM SEDIMENT—LADEN STORM RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET.
- 8. TEMPORARY SEEDING: AREAS OPENED BY CONSTRUCTION OPERATIONS
 AND THAT ARE NOT ANTICIPATED TO BE RE—EXCAVATED OR DRESSED AND
 RECEIVE FINAL GRASSING TREATMENT WITHIN 30 DAYS SHALL BE SEEDED
 WITH A QUICK GROWING GRASS SPECIES WHICH WILL PROVIDE AN EARLY
 COVER DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT
 LATER COMPETE WITH THE PERMANENT GRASSING.
- 9. TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT
 FALL WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPH 8 ABOVE
 SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES
 LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED
 AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH.
- 10. 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.
- 11. TEMPORARY REGRASSING: IF, AFTER 14 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75 PERCENT GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER.
- 12. MAINTENANCE: ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDIMENT SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.
- 13. PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES.
- 14. PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY
 CONSTRUCTION WILL, AS A MINIMUM, BE SEEDED. THE SEEDING MIX MUST
 PROVIDE BOTH LONG—TERM VEGETATION AND RAPID GROWTH SEASONAL
 VEGETATION. SLOPES STEEPER THAN 4:1 SHALL BE SEEDED AND MULCHED
 OR SODDED.

STRUCTURAL PRACTICES

- TEMPORARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF THROUGH A SEDIMENT—TRAPPING FACILITY. AND IT SHALL BE CONSTRUCTED IN ACCORDANCE TO D—914.
- 2. TEMPORARY SEDIMENT TRAP: A SEDIMENT TRAP SHALL BE INSTALLED IN 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
- 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 A DROP INLET SEDIMENT FILTER.
- B. GRAVEL SEDIMENT TRAP THIS PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES & UNPROTECTED 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.
- 3. 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.
- 4. 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.

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.

OTHER CONTROLS

WASTE DISPOSAL

WASTE MATERIALS

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.

HAZARDOUS WASTE

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 FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.

SANITARY WASTE

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.

INVENTORY FOR POLLUTION PREVENTION PLAN

THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION:

Concrete Asphalt Tar	☐ Fertilizers ☐ Petroleum Based Products ☐ Clarify Colors	
Tar Detergents	☐ Cleaning Solvents ☐ Paints ☐	☐ Roofing Materials ☐ Metal Studs ☐

SPILL PREVENTION

MATERIAL MANAGEMENT PRACTICES THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WIL

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

GOOD HOUSEKEEPING

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

- * AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.
- * ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
- * PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.

* SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS

DISPOSING OF THE CONTAINER.

- RECOMMENDED BY THE MANUFACTURER.

 * WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE
- * MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
- * THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ONSITE RECEIVE PROPER USE AND DISPOSAL.

HAZARDOUS PRODUCTS

- THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.
- * PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.
- ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY
- * IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

PRODUCT SPECIFIC PRACTICES THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ONSITE:

CONTAIN IMPORTANT PRODUCT INFORMATION.

THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE 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

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.

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 WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE

SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.

SPILL CONTROL PRACTICES

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

MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED ON SITE 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 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.

ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.

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

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

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 CLEANUP 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/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.

MAINTENANCE/INSPECTION PROCEDURES

THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES

THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE
USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS.

- * NO MORE THAN 10 ACRES OF THE SITE WILL BE DENUDED AT ONE TIME WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
- * 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.
- * ALL TURBIDITY CONTROL 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 REACHED ONE—THIRD THE HEIGHT OF THE FENCE.

- * SILT FENCE WILL BE INSPECTED 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 INSPECTED FOR THE 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, WHICHEVER COMES FIRST.
- * DIVERSION DIKES/SWALES WILL BE INSPECTED AND ANY BREACHES PROMPTLY REPAIRED.
- * TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
- * 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.
- * THE SITE SUPERINTENDENT WILL SELECT UP TO THREE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT
- * 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.

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 WATER LINE FLUSHING
- * PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED).
- * UNCONTAMINATED GROUNDWATER (FROM DEWATERING EXCAVATION).
- ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO DISCHARGE.

CONTRACTOR'S CERTIFICATION

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

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

ANGE PARK, FLORIDA 32073 904-264-9914 (PH

LELE IM. AUEL,

NOT VALID.

M AS SHOWN ON THESE PLANS
ACCORDANCE WITH STANDARD,
PRACTICE. HOWEVER, CERTAIN
OR LAWS, THAT ARE MANIANTED
ORLINY, STATE, FEDERAL, etc.)
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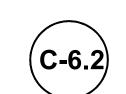
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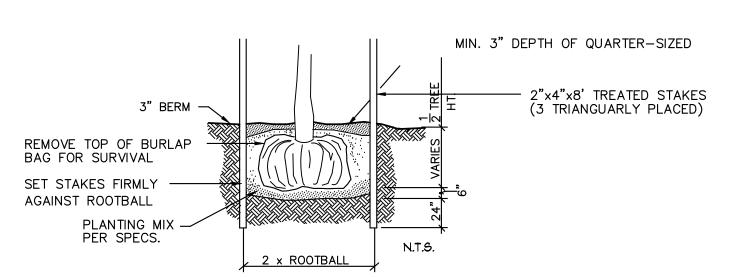
CITY COMMENTS 18 MAY 20

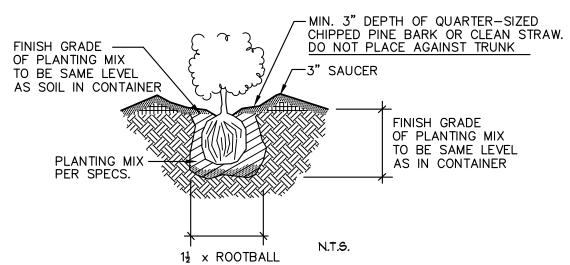
CITY REVIEW 7 OCT 202 CITY COMMENTS 7 NOV 202

DATE: 12 SEP 202
D.B.: MM.
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SAMPLE SWPPP-2







TREE PLANTING DETAIL

- TEMPORARY TREE PROTECTION FENCE

SHRUB PLANTING DETAIL

LANDSCAPE SPECIFICATIONS

- 1. All plants shall be Florida #1/Florida Fancy, healthy, vigorous and free from pests and any disease. All plants to be container grown or balled and burlap (B\$B). Collected plant material to have rootballs conforming to sizes set forth in "American Standards for Nursery Stock".
- 2. All plant materials are subject to the approval of the Owner/Landscape Designer before installation. Any material not meeting the requirements indicated on the plant schedule shall be promptly removed.
- 3. All plant material shall be planted in prepared soil mix. Soil mix shall consist of existing soil (submit soil test before installation), commercial fertilizer at suggested manufacturer's rates, and amendments resulting from soil test. Sphagnum/peat moss is disallowed for use in any manner. In areas where hardpan exist, beds shall be built up to create positive percolation to avoid potential root rot.
- 4. Where built-up beds are used, a continuous V-channel of 4"-5" depth shall be contoured adjacent to all curbs/sidewalks to control mulch runoff.
- 5. Hole sizes shall be twice as wide as the rootball and 1/10th shallower than rootball. See shrub and tree
- 6. All plant beds shall be deweeded and Lesco herbicide applied prior to mulch at manufacturer's suggested
- 7. Bed outlines as delineated on the drawings shall be followed closely and carefully. Layout of bed lines shall precede actual planting. In order to encompass plants and trees freely and without appearance of crowding, the bed line may be enlarged but not decreased in depth as measured from edge of building in case of foundation planting and from the center of holes in case of freestanding beds. Any foundation
- plantings shall be a minimum of 30 inches from building face. 8. Grow bags, containers, non-biodegradable burlap/materials, string, etc. shall be completely removed from the rootball prior to planting. All twine or wire shall be removed from around tree trunks at the top of the
- 9. All landscape beds and an 8' perimeter around individual trees in turf areas shall be mulched with finely chipped, quarter-sized pine bark or pine straw to a minimum depth of 3 inches. DO NOT MULCH ON TOP OF TREE ROOTBALL. Annual beds shall not require mulch. 10. Sod areas to be measured by contractor. Sod strips shall be freshly cut, free of weeds and noxious pests or disease. 11. All planting and site debris shall be removed DAILY from project site. All areas disturbed by construction activities shall be sodded. TREE PRUNING NOTES:
- 1. All tree pruning shall be conducted according to the standards of the National Arborist Association Standards, set forth in ANSI A300 (Part 1) - 2001 Tree Pruning document.
- 2. Trees installed or retained SHALL NOT be topped or severely pruned, so as to appear stunted. Trees shall be pruned, as needed, to maintain health and overall tree form in such a way that retains or improves the natural form of the particular species + provided, topiary may be practiced upon suitable species if professionally and consistently maintained.
- 3. The branches of a tree extending over any public sidewalk(s) shall be trimmed to at least the height of eight feet above the sidewalk. The branches of a tree extending over the travel portion of any public street or alley used for vehicular traffic shall be trimmed to the height of at least fifteen feet above the street or alley finished grade.
- IRRIGATION NOTES: 1. Per City of Green Cove Springs Code: A State Certified/Registered Plumber or a State Registered Irrigation Contractor shall be responsible for the permitting of an automated underground irrigation system. The system shall be designed in accordance with the manufacturer's specifications and the Standard Plumbing Code. Moisture sensor and/or rain gauge equipment shall be required per State Law. The use of low volume, emitter or target irrigation is preferred for trees, shrubs and ground covers. The manual/automatic timer controlling the irrigation system shall be set to conform to St. Johns River Water Management District's water use constraints.
- 2. Retained trees, shrubs and native plant communities need not be irrigated, unless directed to do so by the landscape reviewer, as part of an encroachment permit.
- 3. Turf grass areas shall be irrigated on separate irrigation zones from tree, shrub and groundcover beds per
- City of Green Cove Springs Code. 4. No significant irrigation overthrow shall be allowed onto impervious surfaces.
- 5. The use of a low volume, emitter or target irrigation is preferred for trees, shrubs, and ground cover.
- 6. All components shall be located a minimum of 18" away from any type of structural wall with heads set away from such. INSPECTION AND GUARANTEE:
- 7. All planting work including shrubs, trees, grass, and workmanship shall be guaranteed for one year from the date of Owner's or Landscape Designer's acceptance. Replacement shall be made immediately and replaced materials shall be subject to guarantee for one (1) full year from date of replacement. The contractor's performance of work signifies his agreement and concurrence to performance in accordance with the drawings, plant schedule, and these specifications. Owner/landscape designer reserves the right to inspect, reject, and/or accept any or all parts of the work at any time. The contractor shall be entitled to full payment only after the owner/landscape designer has been satisfied fully and completely.

LANDSCAPE CONTRACTOR NOTE:

- 1.) ALL LARGE TREES SHALL BE INSTALLED A MINIMUM DISTANCE OF 10' AWAY FROM ANY UNDERGROUND UTILITY LINES, PER ACCEPTANCE OF INSTALLATION BY THE CITY OF GREEN COVE SPRINGS.
- 2.) ALL LARGE CANOPY TREES SHALL BE INSTALLED A MINIMUM DISTANCE OF 5 FEET 6 INCHES AWAY FROM ANY CONCRETE CURB, SIDEWALK OR ANY OTHER HARDSCAPE SITE ELEMENT FOR ACCEPTANCE BY COUNTY LANDSCAPE REVIEWER.
- 3.) ALL UNDERSTORY TREES SHALL BE INSTALLED A MINIMUM DISTANCE OF 3 FEET AWAY FROM ANY CONCRETE CURB, SIDEWALK OR ANY OTHER HARDSCAPE SITE ELEMENT FOR ACCEPTANCE BY COUNTY LANDSCAPE REVIEWER.
- 4.) CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL OF FLORIDA AT 1 (800) 432-4770 TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO ANY DIGGING ON SITE.
- 5.) OWNER TO HAVE A LICENSED IRRIGATION CONTRACTOR INSTALL ADEQUATE IRRIGATION. PLEASE PROVIDE THE CITY OF GREEN COVE SPRINGS THE IRRIGATION CALCULATION AT TIME OF DESIGN.

LANDSCAPE SCHEDULE

TREES	KEY	SYMBOL	BOTANICAL/COMMON NAME	SPECIFICATION	WATER ZONE
9	QV		Quercus virginiana (Livel Oak-Canopy)	4" Cal., Min. 10' Ht., Straight-Trunked	M,L
14	H		llex spp (Hollies)	3" Cal., Min. 6' Ht., Straight-Trunked	L
Ø	uP		Ulmus parvifolia (Chinese Elm - Understory)	12' High, 2" Caliper Straight-Trunked	Ι, Σ
0	UД		Ulmus americana (American Elm-Canopy)	12' High, 3 @ 4" Caliper, 3 @ 3" Straight-Trunked	M,L
AS SHOWN	LG		Ligustrum japonicum (Lisgustrum)	24" High, 2.5' O.C. Plant in groups of 5	M,L

Paspalum Notatum (Argentine Bahia)

SOD

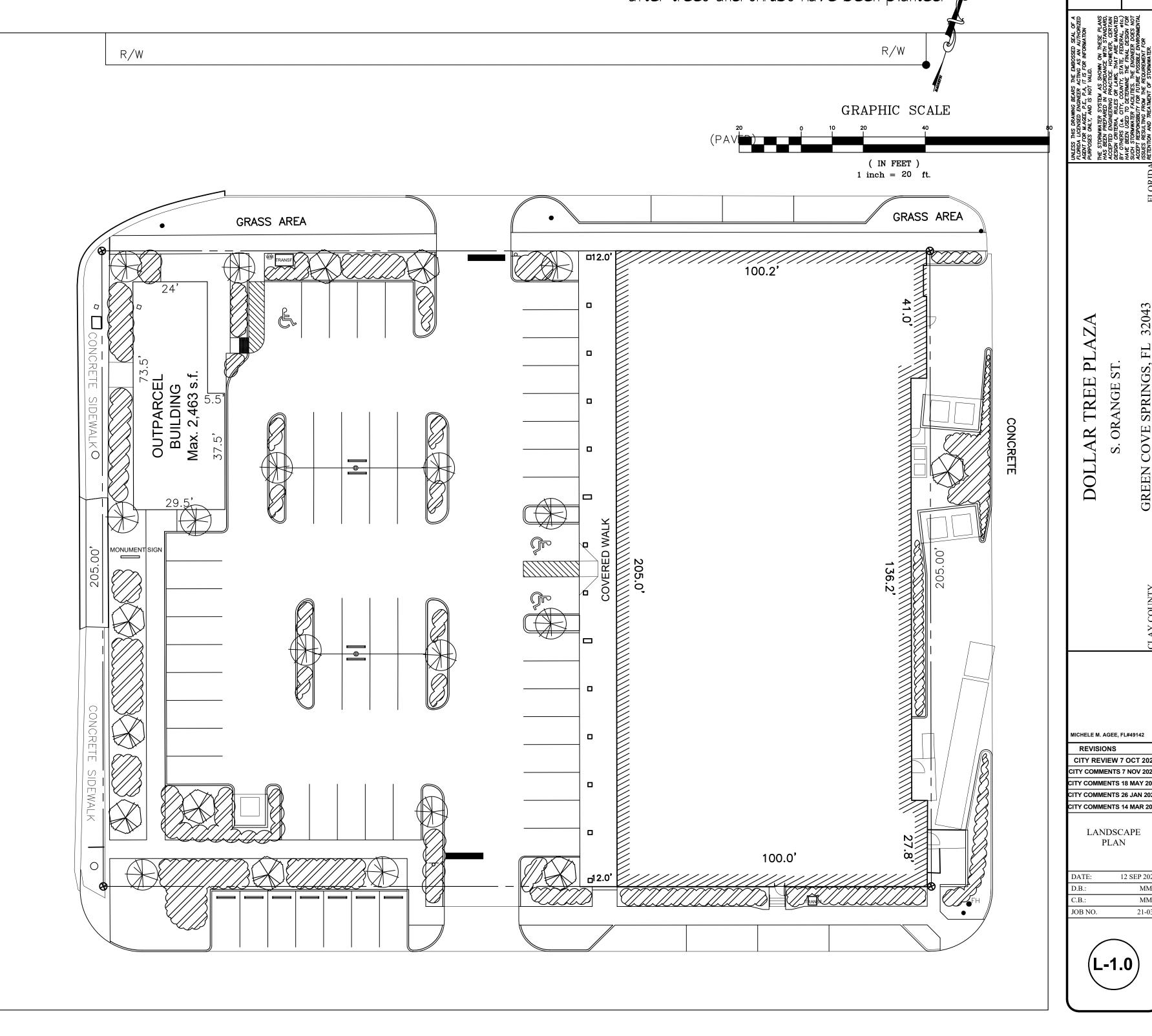
Locate in all disturbed areas remaining after trees and shrubs have been planted AGEE,

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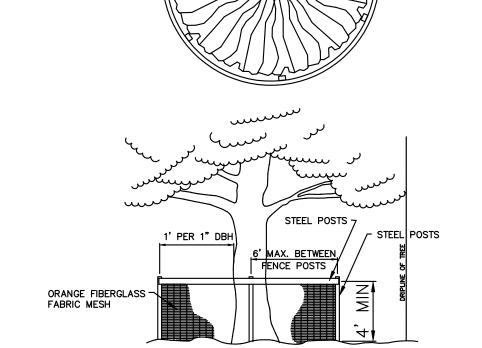
MICHELE

LANDSCAPE

12 SEP 20







TREE PROTECTION DETAIL NOTE: TREE PRESERVATION SHALL BE IN COMPLIANCE WITH SECTION 113-248 OF THE CITY LAND DEVELOPMENT CODE.

I. DURING DEVELOPMENT ACTIVITIES, ENCROACHMENT INTO THE UNDISTURBED ARE FOR THE FOLLOWING PURPOSES MAT BE PERMITTED UP TO TWENTY-FIVE PERCENT OF THE RADIUS OR UP TO FIFTY PERCENT OF THE RADIUS ON ONE SIDE BUT NO CLOSER THAN SIX FEET TO THE TRUNK OF THE PROTECTED TREE IN ALL EVENTS: A. TUNNEL UTILITY AND IRRIGATION LINE B. SODDING AND GROUND COVER C. PAVEMENT UP TO A DEPTH OF SIX INCHES IN DEPTH AND NO

LESS THAN FOUR FEET FROM THE TRUNK OF THE TREE 2. ELEVATIONS CHANGES AROUND PROTECTED TREE IS NOT PERMITTED WITHIN PROTECTION BARRIER. 3. PRIOR TO CLEARING, TEMPORARY BARRIERS SHALL BE INSTALLED AROUND EXISTING TREES TO REMAIN, UNTIL THE COMPLETION OF THE WORK. 4. ANY TREE PRUNING SHALL BE CONDUCTED ACCORDING TO THE NATIONAL ARBORIST ASSOCIATION STANDARDS SET FORTH IN ANSI A300 (PART I)

- 2001 TREE PRUNING DOCUMENT.

5. TREE BRANCHES EXTENDING OVER ANY PUBLIC SIDEWALK SHALL BE TRIMMED TO EIGHT (8) FEET ABOVE THE SIDEWALK FOR PEDESTRIAN CLEARANCE/VISIBILITY. 6. TREE BRANCHES EXTENDING OVER THE TRAVEL PORTION OF ANY PUBLIC STREET OR ALLEY USED FOR VEHICULAR TRAFFIC SHALL BE TRIMMED TO A HEIGHT OF

FIFTEEN (15) FEET FOR VEHICULAR CLEARANCE AND/OR SITE VISIBILITY. RETAINED/PRESERVED TREES SHALL NOT BE TOPPED OR SEVERELY PRUNED,
 40 AS TO APPEAR STUNTED. TREES SHALL BE PRUNED, AS NEEDED, TO MAINTAIN HEALTH AND OVERALL TREE FORM IN SUCH A WAY THAT RETAINS OR IMPROVES NATURAL FORM OF THE PARTICULAR SPECIES. 8. NO MATERIALS, TRAILERS, EQUIPMENT, OR CHEMICALS SHALL BE STORE!

OPERATED, DUMPED, BURIED, OR BURNED WITHIN PROTECTED TREE AREAS. 9. NO ATTACHMENT, WIRES (OTHER THAN PROTECTIVE GUY WIRES), SIGNS, OR 10. ANY DAMAGE TO TREE CROWNS OR ROOT SYSTEMS SHALL BE REPAIRED

II. DESIGN, MAINTENANCES, INSTALLATION AND IRRIGATION REQUIREMENTS SHALL COMPLY WITH SECTION 113-247(b) OF THE CITY LANDSCAPE MAINTENANCE OF PLANTED AREAS SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 113-246(4).

IMMEDIATELY AFTER DAMAGE OCCURS.

48 HOURS BEFORE YOU DIG CALL SUNSHINE IT'S THE LAW IN FLORIDA