

Printed By: Marissa, Morrison Sheet Set: Village of Palmetto Bay, Safe Routes to School Improvements - Layout: General Notes - December 03, 2018 04:30:26pm K:\N\duh\044_sba\044649022-fs_1817-008_scs_improvements\000_General_Notes.dwg
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GENERAL CONSTRUCTION NOTES

- ALL WORK FOR THIS PROJECT SHALL BE COMPLETED WITHIN AND FROM EXISTING RIGHT-OF-WAY.
- COUNTY IN THESE NOTES REFERS TO MIAMI-DADE COUNTY, CITY OR VILLAGE IN THESE NOTES REFERS TO THE VILLAGE OF PALMETTO BAY, AND STATE IN THESE NOTES REFERS TO THE STATE OF FLORIDA.
- THE FDOT INDICES REFERED TO IN THESE DRAWINGS AND NOTES REFERS TO FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND FDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION.
- ALL WORK AND MATERIALS SHALL CONFORM TO THE LATEST STANDARDS, CODES, REGULATIONS AND SPECIFICATIONS OF THE CITY, COUNTY, STATE, AND FEDERAL CODES WHERE APPLICABLE.
- 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. CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED, REMOVING STUMPS, ROOTS, MUCK, EXISTING PAVEMENT AND ALL OTHER DELETERIOUS MATERIAL.
- THE INFORMATION PROVIDED IN THESE PLANS IS TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF THE WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT ANY INVESTIGATION THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITION THAT WILL BE ENCOUNTERED AND UPON WHICH THEIR BIDS WILL BE BASED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE BOTH THE SURFACE AND SUBSURFACE CONDITIONS AND BASE HIS PRICING ACCORDINGLY.
- 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. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE COMMENCING ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
- 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. THE CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR AND ENGINEER SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION. ADDITIONAL PERMITS MAY BE REQUIRED FOR MOVEMENT OF WATER METERS PER VILLAGE.
- THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
- ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER.
- 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 DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS WILL BE THE CONTRACTORS RESPONSIBILITY.
- 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 AND SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER FOR THE PURPOSE OF CERTIFICATION TO JURISDICTIONAL AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE MAINTENANCE OF TRAFFIC FOR THE ADJACENT PROPERTIES DURING CONSTRUCTION.
- 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. FAILURE TO NOTIFY OWNER OF AN IDENTIFIABLE CONFLICT PRIOR TO PROCEEDING WITH INSTALLATION RELIEVES OWNER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.
- PRIOR TO GRAND OPENING THE CONTRACTOR SHALL:
 - ELIMINATE ALL DEBRIS IN THE LANDSCAPING AREAS
 - PRESSURE CLEAN THE SIDEWALKS

- THE FOLLOWING FEDERAL AND STATE LISTED ANIMAL SPECIES COULD INHABIT OR MIGRATE THROUGH THE CONSTRUCTION AREA: FLORIDA BONNETED BAT (ENDANGERED), SCHAUS SWALLOWTAIL BUTTERFLY (ENDANGERED), PIPING PLOVER (THREATENED), AMERICAN CROCODILE (THREATENED), WEST INDIAN MANATEE (THREATENED).
- NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT WILL BE ALLOWED WITHIN OR ADJACENT TO THE CHARLES DEERING ESTATE, LOCATED ALONG SW 152ND STREET FROM SW 72ND AVENUE TO SW 168TH AVENUE.
- NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT WILL BE ALLOWED WITHIN OR ADJACENT TO THE BANKS OF THE CUTLER DRAIN CANAL, LOCATED JUST SOUTH OF THE SW 82ND AVENUE PROJECT LIMITS, OR MIAMI-DADE COUNTY PARK AREA 259, LOCATED AT ON THE WEST SIDE OF SW 82ND AVENUE BETWEEN THE CUTLER DRAIN CANAL AND SW 139TH TERRACE.
- PROVIDE PROTECTION AROUND EXISTING TREES CONSISTENT WITH FDOT STANDARD PLANS INDEX 110-100.
- ROOT/TREE TRIMMING NOT ANTICIPATED FOR THIS PROJECT. SHOULD ROOT/TREE TRIMMING BE REQUIRED, CONTRACTOR TO NOTIFY THE VILLAGE IMMEDIATELY. CONTRACTOR TO TRIM ROOTS AND CANOPY OF TREES AT DIRECTION OF ISA CERTIFIED ARBORIST CONSISTENT WITH FDOT SPEC 110. CANOPY TRIMMING SHALL ENSURE VERTICAL CLEARANCE ABOVE WALKWAY TO BE ADA COMPLIANT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING/RECORDING EXISTING SITE CONDITIONS USING PHOTOGRAPHS/VIDEO RECORDINGS PRIOR TO START OF CONSTRUCTION. CONTRACTOR TO PROVIDE COPY OF RECORDS TO VILLAGE AND ENGINEER OF RECORD FOR RECORD PURPOSES.

PAVING, GRADING AND DRAINAGE NOTES

- ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN JURISDICTION'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.
- ALL UNPAVED AREAS DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND REPAIRED WITH APPROPRIATE LANDSCAPING TO MATCH THAT OF SURROUNDING AREAS.
- BACKFILL MATERIAL FOR DISTURBED AREAS NOT TO BE COVERED BY PROP. SIDEWALK SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY ASSHTO T-180. DENSITY TESTING TO BE PERFORMED AT 100' INTERVALS.
- A 2" BLANKET OF TOP SOIL SHALL BE PLACED OVER ALL AREAS TO BE SODDED.
- SOD TYPE TO BE ST. AUGUSTINE. THE SOD SHALL BE PLACED ON THE GRADED TOP SOIL AND WATERED TO INSURE SATISFACTORY CONDITIONS UPON FINAL ACCEPTANCE OF THE PROJECT.
- 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. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES CLOSEST OR WITHIN SIDEWALK IMPROVEMENT AREA FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES SHALL BE CLEANED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.
- STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER.
- 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. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
- 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. TURBIDITY BARRIERS MUST BE MAINTAINED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THEREAFTER, THE CONTRACTOR MUST REMOVE THE BARRIERS. AT NO TIME SHALL THERE BE ANY OFF-SITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS IN CHAPTER 17-302, FLORIDA ADMINISTRATIVE CODE.
- ST. AUGUSTINE 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.

DEMOLITION NOTES

- ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
- CONTRACTOR SHALL ADJUST GRADE OF ANY EXISTING UTILITIES OR DRAINAGE STRUCTURES TO REMAIN AS APPLICABLE.

- CONTRACTOR TO REMOVE ALL EXISTING CURBING, ASPHALT PAVEMENT, LIMEROCK, SUB-GRADE, SOD, AND LANDSCAPING WITHIN LIMITS OF DEMOLITION IN PREPARATION FOR PROPOSED ASPHALT PAVEMENT, CONCRETE, CURBING, AND/OR PAVERS.
- PAVEMENT REMOVAL TO INCLUDE ASPHALT, BASE, AND SUB-GRADE MATERIAL.
- THE INTENT OF THE DEMOLITION LIMITS IS TO DEPICT EXISTING FEATURES THAT ENCUMBER THE PROPOSED CONSTRUCTION AREA, AND ARE SCHEDULED FOR REMOVAL. SOME INCIDENTAL ITEMS MAY HAVE BEEN INADVERTENTLY OMITTED FROM THE LIMITS. THE CONTRACTOR IS ENCOURAGED TO THOROUGHLY INSPECT THE SITE AS WELL AS REVIEW THE PLANS AND SPECIFICATIONS PRIOR TO SUBMITTING PRICING. CONTRACTOR WILL NOT RECEIVE ADDITIONAL COMPENSATION FOR INCIDENTAL ITEMS NOT SHOWN WITHIN THE DEMOLITION LIMITS.
- THE DEMOLITION LIMITS ARE BASED ON AVAILABLE UTILITY INFORMATION AND MAY OR MAY NOT BE ALL INCLUSIVE FOR THIS SITE. ANY UTILITIES ENCOUNTERED DURING DEMOLITION THAT ARE NOT DEPICTED/ADDRESSED ON THIS DRAWING SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER IMMEDIATELY.

EROSION CONTROL NOTES

- IF REQUIRED, ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH THIS PROJECT SHALL OBTAIN A COPY OF THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
- THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER.
- THE CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
- ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ON SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY CEASED.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED IN THESE AREAS. REFER TO SECTION 981 OF THE STANDARD SPECIFICATIONS FOR SEEDING AND MAINTENANCE REQUIREMENTS.
- 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. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED AS SOON AS POSSIBLE.
- 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.
- ON-SITE & OFF SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE EROSION CONTROL PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY.

MAINTENANCE

- ALL MEASURES STATED ON THE PAVING, GRADING AND DRAINAGE SECTION AS WELL AS EROSION CONTROL SECTION, SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE.
- CONTRACTOR TO PROVIDE SIDEWALK MOT DURING CONSTRUCTION. PLAN TO BE PROVIDED TO THE VILLAGE AND ENGINEER OR RECORD FOR REVIEW AND APPROVAL PRIOR TO PLACEMENT.
 - INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.

- SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
- THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
- OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 55 CUBIC YARDS/ACRE.
- ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN 2 CALENDAR DAYS FOLLOWING THE INSPECTION.
- TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH PROJECT PLANS, FDOT ROADWAY AND TRAFFIC DESIGN STANDARD INDEXES (600 SERIES), THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS MINIMUM CRITERIA.
- THE ROADWAY MUST REMAIN OPEN TO TRAFFIC AT ALL TIMES.
- THE CONTRACTOR MUST MAINTAIN ACCESS TO ALL DRIVEWAYS THROUGHOUT THE CONSTRUCTION DURATION.

TYPICAL ENGINEER OBSERVATIONS

- CONTRACTOR SHALL NOTIFY ENGINEER 48 HOURS IN ADVANCE OF THE FOLLOWING ACTIVITIES:
- PRE-CONSTRUCTION MEETING, IF REQUIRED (SCHEDULED BY OWNER)
 - SUBGRADE PREPARATION
 - SIDEWALK INSTALLATION
 - ANY OTHER INSPECTION FOR WHICH A PERMITTING AGENCY REQUIRES THE ENGINEER TO BE PRESENT

RECORD DRAWINGS

- CONTRACTOR SHALL PROVIDE TO THE ENGINEER AND OWNER A MINIMUM OF 4 HARD COPIES OF A PAVING, GRADING AND DRAINAGE RECORD DRAWING AND A SEPARATE UTILITY RECORD DRAWING, AS WELL AS BOTH IN AUTOCAD 2007 OR LATER, BOTH PREPARED BY A FLORIDA REGISTERED SURVEYOR. THE RECORD DRAWINGS SHALL VERIFY ALL DESIGN INFORMATION INCLUDED ON THE DESIGN PLANS OF THE SAME NAME.

No.	REVISIONS	DATE	BY

Kimley»Horn

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KHA PROJECT	044649022
DATE	DEC. 2018
SCALE	AS SHOWN
DESIGNED BY	MM
DRAWN BY	TS
CHECKED BY	SV

VILLAGE OF PALMETTO BAY SR18
IMPROVEMENTS
 PREPARED FOR
 VILLAGE OF PALMETTO BAY
 FLORIDA

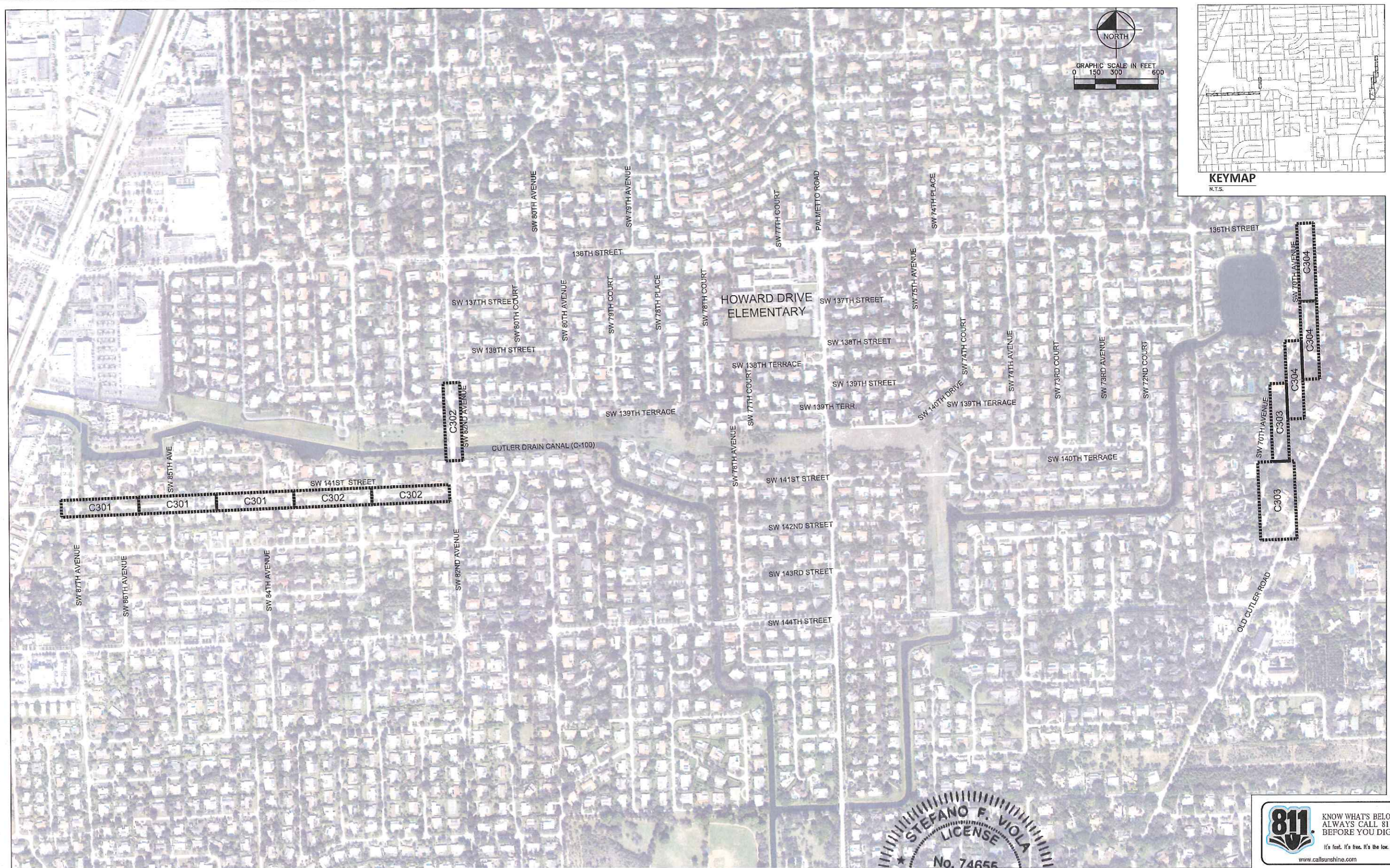
STATE OF FLORIDA
PROFESSIONAL ENGINEER
 No. 74655
 DATE: 12/3/2018

HOWARD DRIVE ELEMENTARY
GENERAL NOTES

SHEET NUMBER
C100



Plotted By: Merissa, Merissa
 Sheet: Sat Village of Palmetto Bay, Solid Routes to School Improvements Layout: C200 Key Sheet, December 03, 2018, 04:32:00pm, K:\Village of Palmetto Bay\Projects\2018\12-03-2018\1812-038_solid_routes_to_school_improvements\Layout\C200_Key_Sheet.dwg
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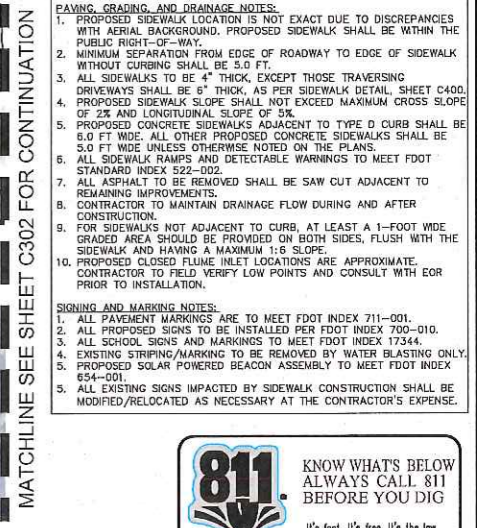
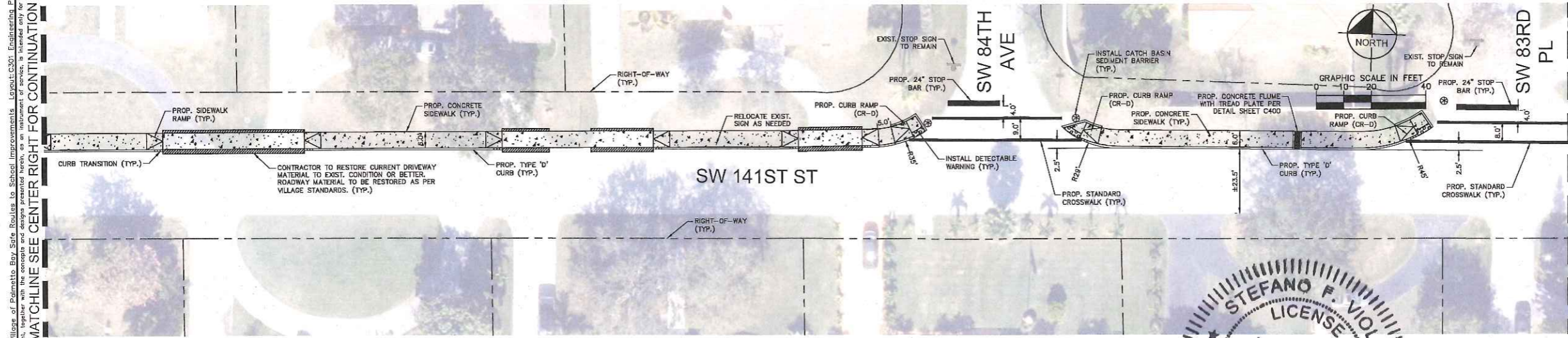
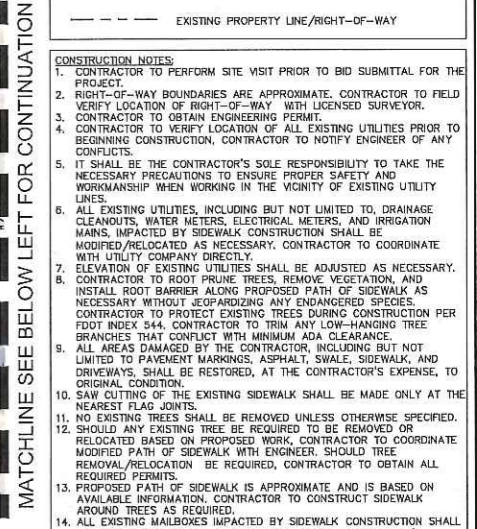
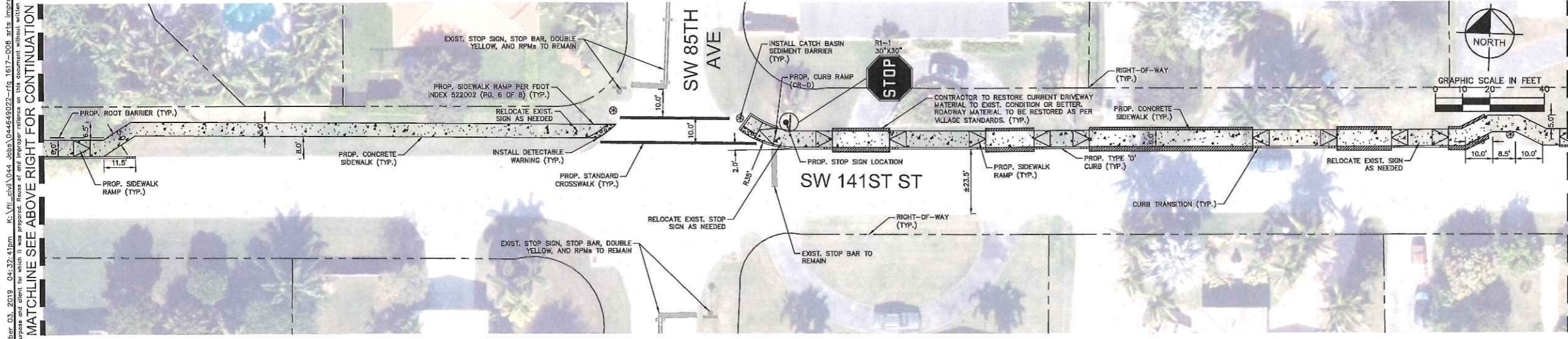
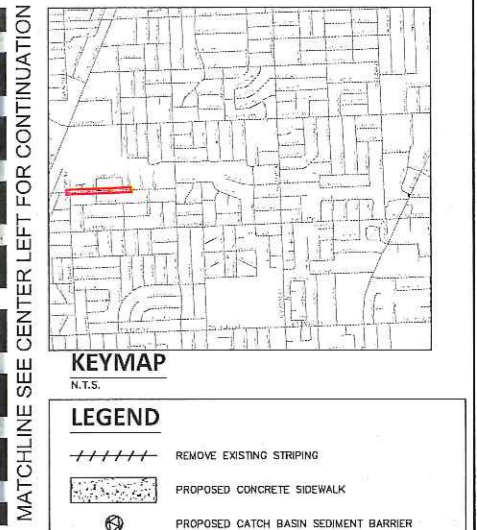
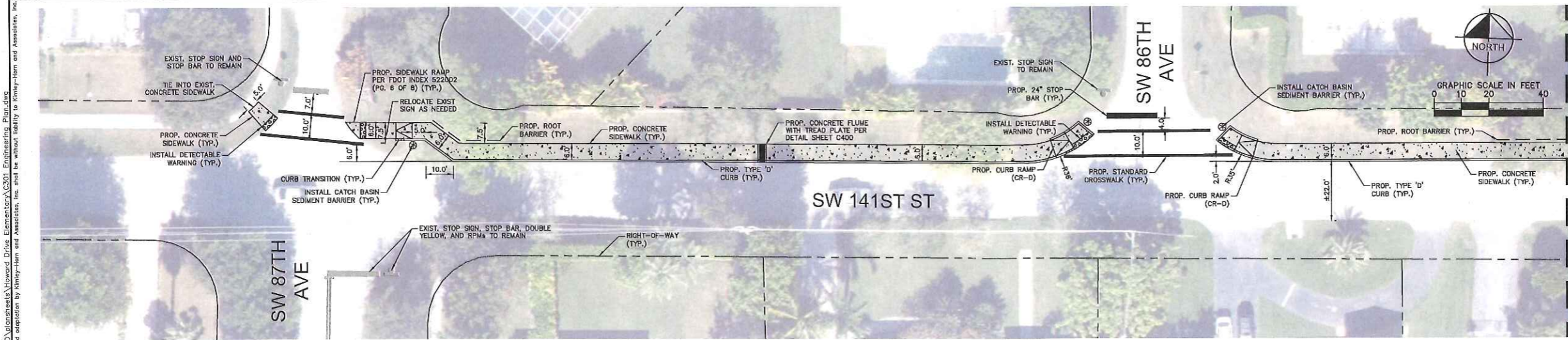
VILLAGE OF PALMETTO BAY SRIS
IMPROVEMENTS
 PREPARED FOR
VILLAGE OF PALMETTO BAY
 VILLAGE OF PALMETTO BAY
 FLORIDA



HOWARD DRIVE ELEMENTARY
KEY SHEET

SHEET NUMBER
C200



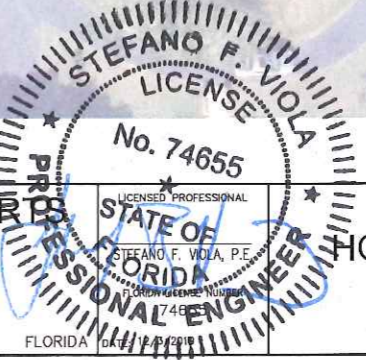


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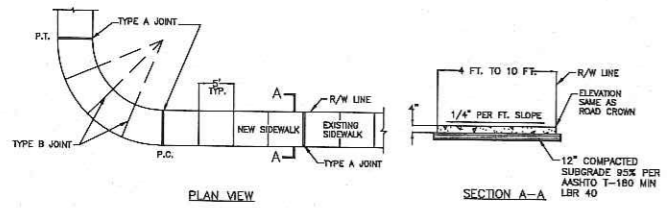
VILLAGE OF PALMETTO BAY
 IMPROVEMENTS
 PREPARED FOR
 VILLAGE OF PALMETTO BAY
 FLORIDA



HOWARD DRIVE ELEMENTARY
 ENGINEERING PLAN
 SHEET NUMBER
C301

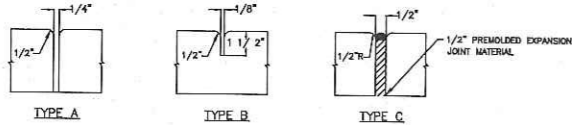
Plotted By: M. J. ...
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Plotted By: Marissa, Meridian Sheet: Village of Palmetto Bay Site Details, Is. School Improvements, Details - December 03, 2019 04:34:15pm C:\Village\044 Jobs\044649022-rf16_1617-008 srt1 improvements\CAD\Drawings\C400 Engineering Details.dwg
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LOCATION	T
STANDARD SIDEWALK	4"
AT DRIVEWAYS AND OTHER AREAS	6"

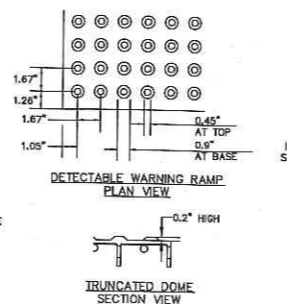
LOCATION	DESCRIPTION
A	P.C. AND P.T. OF CURVES, JUNCTION OF EXISTING AND NEW SIDEWALK
B	5'-0" CENTER TO CENTER ON SIDEWALK
C	WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS, AND SIMILAR STRUCTURES



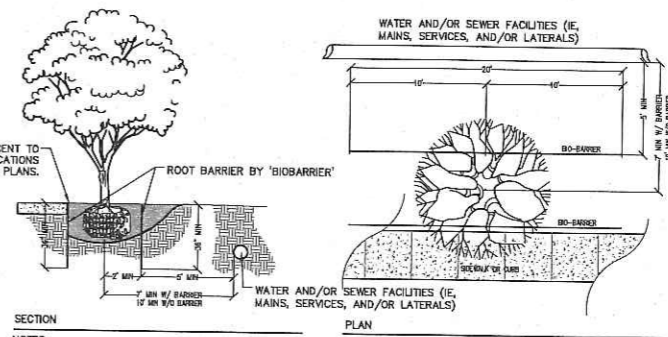
- NOTES:**
- PLACE #10/10 6x6 WIRE MESH IN THE PORTION OF THE SIDEWALK THAT CROSSES THE DRIVEWAY ONLY.
 - STANDARD SIDEWALK TO BE 3000 PSI @ 28 DAYS
 - CONCRETE FOR SIDEWALK AT DRIVEWAYS AND LOADING ZONES SHALL BE 4000 PSI @ 28 DAYS (HEAVY DUTY).
 - CURE ALL CONCRETE WITH CLEAN SAND, PLASTIC MEMBRANE, OR OTHER APPROVED METHOD.

SIDEWALK DESIGN STANDARDS
N.T.S.

- GENERAL NOTES FOR CURB RAMP DETECTABLE WARNINGS**
- DETECTABLE WARNING PER FOOT INDEX #304.
 - CURB RAMP MUST CONTAIN A DETECTABLE WARNING SURFACE THAT CONSISTS OF RAISED TRUNCATED DOMES. THE SURFACE MUST CONTRAST VISUALLY WITH ADJOINING SURFACES, INCLUDING SIDE FLARES.
 - DETECTABLE WARNING SURFACES MUST BE SLIP RESISTANT AND NOT ALLOW WATER TO ACCUMULATE.
 - ALIGN TRUNCATED DOMES IN THE DIRECTION OF PEDESTRIAN TRAVEL WHEN ENTERING THE STREET.
 - DETECTABLE WARNING SURFACES SHALL BE A MINIMUM OF 24" IN DEPTH IN THE DIRECTION OF PEDESTRIAN TRAVEL, AND EXTEND THE FULL WIDTH OF THE CURB RAMP OR LANDING WHERE THE PEDESTRIAN ACCESS ROUTE ENTERS THE STREET.
 - DETECTABLE WARNING SURFACES SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE IS A MINIMUM OF 6" AND A MAXIMUM OF 10" FROM THE EXTENSION OF THE FACE OF CURB. DETECTABLE WARNING SURFACES MAY BE CURVED ALONG THE CORNER RADIUS.
 - DETECTABLE WARNING SURFACES SHALL BE CONSTRUCTED OF ARMOR-TILE TACTILE SYSTEMS CAST IN PLACE TILES OR APPROVED EQUAL.
 - DETECTABLE WARNING SURFACE TO BE SELECTED FROM MDC ARTICLE 527 LIST.

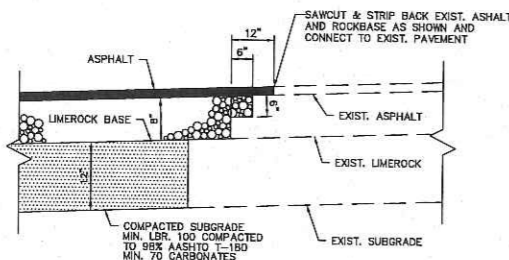


CURB RAMP DETECTABLE WARNING
N.T.S.

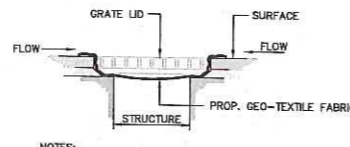


- NOTES:**
- TREES SHALL BE LOCATED IN THE FIELD PRIOR TO CONSTRUCTION.
 - WHERE SHOWN ON PLANS, INSTALL ROOT BARRIER ADJACENT TO SIDEWALKS AND CURBS, PER MANUFACTURER'S SPECIFICATION.
 - INSTALL BIO-BARRIER PER MANUFACTURER'S SPECIFICATION ADJACENT TO SIDEWALKS AND AS SHOWN ON THIS DETAIL IN PROXIMITY TO UNDERGROUND UTILITIES.

ROOT BARRIER
N.T.S.

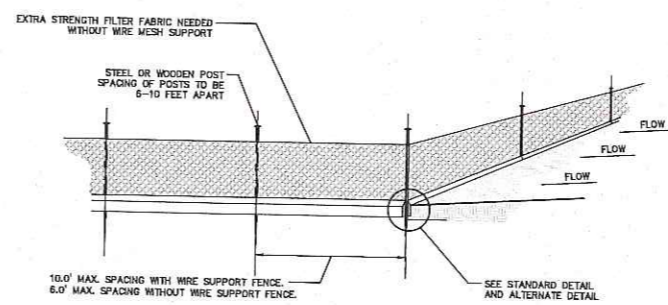


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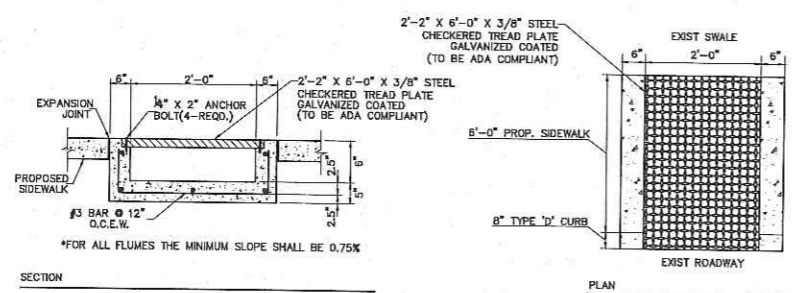
- NOTES:**
- CONTRACTOR SHALL PERFORM DAILY INSPECTIONS OF GEO-TEXTILE FABRIC BARRIER AND AS NECESSARY REPLACE OR REPAIR AS REQUIRED, SPECIFICALLY AFTER STORM EVENTS AND LARGE RAINFALL EVENTS.
 - SEDIMENTATION AND DEBRIS THAT ARE REMOVED FROM BARRIERS SHALL BE LEGALLY DISPOSED OF AT AN AUTHORIZED OFF-SITE DISPOSAL FACILITY.

CATCH BASIN SEDIMENT BARRIER DETAIL
N.T.S.



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

SILT FENCE SEDIMENT CONTROL
N.T.S.



CONCRETE FLUME WITH TREAD PLATE COVER
N.T.S.

No.	REVISIONS	DATE	BY

Kimley Horn

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KHA PROJECT	044649022
DATE	DEC. 2018
SCALE	AS SHOWN
DESIGNED BY	MM
DRAWN BY	TS
CHECKED BY	SV

VILLAGE OF PALMETTO BAY SR15 IMPROVEMENTS

PREPARED FOR
VILLAGE OF PALMETTO BAY



HOWARD DRIVE ELEMENTARY
ENGINEERING DETAILS



SHEET NUMBER
C400

