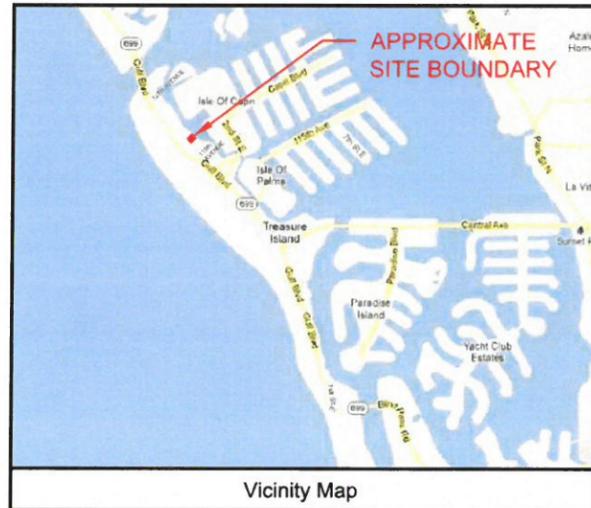


CITY OF TREASURE ISLAND, FLORIDA

DESIGN / CONSTRUCTION PLANS FOR BEAUTIFICATION OF 121st AVENUE



Vicinity Map
TREASURE ISLAND, Florida



100% SUBMITTAL

JANUARY 2018

PREPARED BY:

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TITLE	DRAWING No.
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GENERAL NOTES	GN-1
TYPICAL SECTIONS	TS-1
KEY SHEET (121ST AVE)	KP-1
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REVISIONS			
No.	Description	Date	By

ENGINEER OF RECORD:



GENERAL NOTES

- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE STORAGE AND SECURITY OF HIS MATERIAL AND EQUIPMENT AND SHALL ERECT STORAGE FACILITIES AND FENCING AS NECESSARY AT NO ADDITIONAL COST.
- CONSTRUCTION STAKE-OUT SHALL BE PERFORMED BY CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL MEASUREMENTS THAT MAY BE REQUIRED TO LAYOUT THE CONSTRUCTION. THE COST OF STAKING WILL NOT BE PAID FOR DIRECTLY AND WILL BE INCLUDED IN THE UNIT PRICES FOR THE VARIOUS ITEMS OF WORK.
- THE SIZE AND LOCATION OF STAGING AREAS AND HAUL ROUTES WILL BE APPROVED BY THE CITY OF TREASURE ISLAND PRIOR TO CONSTRUCTION.
- ALL NON-PAVED AREAS OUTSIDE THE LIMITS OF CONSTRUCTION WHICH ARE DISTURBED BY THE CONTRACTOR SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND SODDED PER ITEM FDOT 570 UPON COMPLETION OF THE PROJECT. IN ADDITION, ALL EXISTING ROADS THAT WILL BE USED AS THE CONTRACTOR'S HAUL ROUTE SHALL BE MAINTAINED DURING CONSTRUCTION AND RESTORED TO THEIR PRE-CONSTRUCTION CONDITION. NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR THIS ITEM UNLESS SPECIFICALLY PROVIDED FOR ON THE BID FORM.
- THE CONTRACTOR SHALL KEEP A WATER TRUCK ON SITE AT ALL TIMES FOR THE PURPOSE OF CONTROLLING DUST AS REQUIRED BY THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL VISIT THE SITE TO DETERMINE EXISTING CONDITIONS PRIOR TO SUBMITTING BID. THE CONTRACTOR SHALL REPORT TO THE CITY OF TREASURE ISLAND MANAGER ANY VARIATIONS FROM THE INFORMATION SHOWN ON THE CONSTRUCTION PLANS.
- THE CONTRACTOR SHALL OBTAIN A ZERO COST PERMIT FROM THE CITY OF TREASURE ISLAND PRIOR TO COMMENCEMENTS OF THE WORK. THE CONTRACTOR SHALL OBTAIN ALL OTHER PERMITS NECESSARY FOR THE COMPLETION OF THIS PROJECT.
- ALL DISPUTES ARISING FROM THE CONTRACTOR SHALL BE DECIDED BY THE ENGINEER OF RECORD, WHOSE DECISION SHALL BE FINAL.
- APPROVED CUTS IN PAVEMENT OR CONCRETE SHALL BE MADE USING A PAVEMENT SAW, AND SHALL BE PATCHED TO MATCH THE EXISTING SURFACE IN A MANNER APPROVED BY THE ENGINEER. SAW CUTTING SHALL BE INCLUDED IN THE COST OF THE OTHER VARIOUS CONTRACT ITEMS AND NO SEPARATE PAYMENT SHALL BE MADE.
- EXISTING EASEMENTS TO OTHER PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
- THE EXISTING ACCESS ROADS AND HAUL ROUTES MAY NOT BE CAPABLE OF SUPPORTING CERTAIN TYPES OF CONSTRUCTION EQUIPMENT. PRIOR TO BIDDING, THE CONTRACTOR SHALL FULLY SATISFY THEMSELVES AS TO THE STABILITY OF THE EXISTING ROADWAY PAVEMENTS TO SATISFACTORILY SUSTAIN THE TYPE OF EQUIPMENT HE PLANS TO USE. CONTRACTOR SHALL SIZE THE EQUIPMENT USED FOR CONSTRUCTION ACCORDINGLY. ANY DAMAGE CAUSED BY HAULING OR ANY OTHER CONSTRUCTION ACTIVITY TO EXISTING PAVEMENT SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- THE CITY OF TREASURE ISLAND MANAGER SHALL DESIGNATE AREAS TO BE USED BY THE CONTRACTOR FOR THE PARKING OF CONSTRUCTION EQUIPMENT AND VEHICLES WHEN NOT ENGAGED IN THE CONSTRUCTION DURING NON- WORKING DAYS AND NIGHTS AS WELL AS AREAS FOR CONTRACTOR'S EMPLOYEES AUTO PARKING.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE CLEANUP AND DISPOSAL OF ALL TRASH AND DEBRIS CREATED BY HIS WORK OR PERSONNEL. NO BURNING IS ALLOWED ON SITE. ALL TRASH AND DEBRIS MUST BE DISPOSED OF OFF SITE.
- EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN, UNLESS OTHERWISE NOTED.
- STREET SIGNS, STREET MARKERS, AND R-O-W MARKERS SHALL BE REMOVED AND RELOCATED AS DIRECTED BY THE ENGINEER. NO SEPARATE PAYMENT SHALL BE FOR THESE ACTIVITIES. ANY LOST OR DAMAGED SIGNS OR MARKERS SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE CITY.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL ENVIRONMENTAL RULES AND REGULATIONS OF THE CITY, COUNTY, STATE, ARMY CORPS OF ENGINEERS, AND ANY OTHER JURISDICTIONAL AGENCIES, AND ALL CONDITIONS SET FORTH IN ENVIRONMENTAL PERMITS. ANY PUBLIC LAND CORNER OR BENCH MARK WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE CITY OF TREASURE ISLAND, WITHOUT DELAY, BY TELEPHONE.
- THE CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE PROJECT ADMINISTRATOR. THE CONTRACTOR SHALL PROVIDE A COPY TO THE DISTRICT CONTAMINATION IMPACTS COORDINATOR (DCIC). THE CONTRACTOR SHALL PROVIDE THE DCIC WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. THE PROJECT ADMINISTRATOR SHALL COORDINATE WITH THE DCIC PRIOR TO ISSUING WRITTEN APPROVAL TO THE CONTRACTOR. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED A MSDS SUBMITTAL.
- ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE PROJECT ADMINISTRATOR, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE PROJECT ADMINISTRATOR IS TO NOTIFY THE DCIC OF THE DISCOVERY. THE DCIC WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE PROJECT ADMINISTRATOR. THE DCIC WILL ADVISE THE PROJECT ADMINISTRATOR.
- EROSION CONTROL ITEMS ARE ESTIMATED FOR PREVENTION, CONTROL, ABATEMENT OF EROSION, SEDIMENTATION, AND WATER POLLUTION. THESE ITEMS ARE TO BE USED AT THE LOCATIONS DESCRIBED IN THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN OR AS DIRECTED BY THE PROJECT ADMINISTRATOR TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
- CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND ENGINEER A MINIMUM OF 14 DAYS IN ADVANCE OF PERFORMING ANY LANE CLOSURES AND SIDEWALK CONSTRUCTION.
- ALL DISTURBED AREAS, INCLUDING AREAS OUTSIDE THE CONSTRUCTION LIMITS, SHALL BE RETURNED TO THEIR PRE-CONSTRUCTION CONDITIONS AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL ACCEPT THE RESPONSIBILITY THAT ALL WORK FOR THE PROJECT SHALL BE DONE WITHIN THE CITY OF TREASURE ISLAND OWNED PROPERTY. CONTRACTOR SHALL VERIFY THE CITY OF TREASURE ISLAND OWNED PROPERTY WITH THE CITY OF PUBLIC WORKS DEPARTMENT. NO WORK SHALL BE DONE OUTSIDE OF THE CITY OF TREASURE ISLAND OWNERSHIP. CONTRACTOR IS REQUIRED TO SURVEY ALL EXISTING CITY OF TREASURE ISLAND RIGHT-OF-WAY ADJACENT TO THE PROJECT LIMITS PRIOR TO CONSTRUCTION TO VERIFY THAT ALL PROPOSED WORK IS WITHIN CITY OF TREASURE ISLAND OWNERSHIP. CONTRACTOR SHALL NOTIFY CITY OF TREASURE ISLAND DEPARTMENT OF PUBLIC WORKS IF WORK IS PROPOSED OUTSIDE OF CITY OF TREASURE ISLAND OWNERSHIP.
- CONTRACTOR TO MAINTAIN ALL EXISTING DRAINAGE PATTERNS IN THE POST DEVELOPMENT CONDITIONS.
- ALL EXISTING AND PROPOSED UTILITIES SHALL MAINTAIN THE REQUIRED COVER IN POST-DEVELOPMENT CONDITIONS PER REGULATIONS SET FOR PINELLAS COUNTY, CITY OF TREASURE ISLAND, OR ANY OTHER APPLICABLE AGENCY.
- CONTRACTOR SHALL COORDINATE WITH ALL BUSINESSES ADJACENT TO PROPOSED WORK SO

- THAT THE BUSINESSES CAN REMAIN OPEN DURING CONSTRUCTION WITHOUT A DISTURBANCE FROM CONSTRUCTION.
- THE CONTRACTOR SHALL FOLLOW FDOT SECTION 120 EXCAVATION AND EMBANKMENT FOR COMPACTION REQUIREMENTS.
- PAYMENT WILL BE BASED ON MEASURED IN PLACE QUANTITIES.
- AFTER THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE THE OWNER WITH CERTIFIED REPRODUCIBLE AS-BUILT PLANS, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER OR SURVEYOR REGISTERED IN THE STATE OF FLORIDA, AND AN ELECTRONIC COPY IN AUTOCAD FORMAT, PRIOR TO FINAL ACCEPTANCE.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLETING ALL CLOSEOUT DOCUMENTATION REQUIRED BY THE CITY OF TREASURE ISLAND AND ANY OTHER APPLICABLE AGENCIES.
- THE QUANTITIES SHOWN ON THE PLANS ARE APPROXIMATE. CONTRACTOR SHALL BE PAID FOR ACTUAL UNITS OF WORK (TONS, S.Y., L.F., ETC.) COMPLETED BY THE CONTRACTOR, MEASURED IN-PLACE AND ACCEPTED BY THE ENGINEER.
- ALL CONCRETE SHALL BE A MINIMUM OF 3,000 PSI.
- WORKING HOURS SHALL BE COORDINATED WITH THE CITY AND THE ENGINEER OF RECORD.

UTILITY NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PROVIDING ALL PERMANENT AND TEMPORARY UTILITY CONNECTIONS TO THE STAGING AREA.
- PRIOR TO DIGGING ANY TRENCHES, CONTRACTOR SHALL NOTIFY ALL UTILITIES (ELECTRIC, GAS, TELEPHONE, WATER, SEWER) AND OBTAIN LOCATIONS OF UNDERGROUND UTILITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND IDENTIFICATION OF ALL EXISTING UTILITIES AND UNDERGROUND PIPELINES IN CONSTRUCTION AREA. ANY DAMAGES TO EXISTING UTILITIES OR UNDERGROUND PIPELINES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL REPAIR WORK SHALL MEET THE APPROVAL OF THE OWNER OF THE DAMAGED UTILITY. NO REIMBURSEMENT WILL BE ALLOWED FOR UTILITY/PIPE REPAIR OR REPLACEMENT.
- EXISTING PULL BOXES AND VALVE BOXES WITHIN THE PROPOSED SIDEWALK ARE TO REMAIN AND WILL BE ADJUSTED TO BE FLUSH WITH THE SIDEWALK CONCRETE SURFACE. COST TO BE INCLUDED IN THE ASSOCIATED PAY ITEMS.
- THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA, BY EITHER 811 OR 800-432-4770, AND UTILITY OWNERS LISTED BELOW IN TWO BUSINESS DAYS (OR 10 DAYS IF DIGGING UNDER WATER) IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE.

DEMOLITION NOTES:

- ALL DEMOLISHED MATERIALS BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE SHOWN IN THE CONTRACT DOCUMENTS.
- THICKNESS OF PAVEMENTS TO BE REMOVED AS INDICATED ON DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL INVESTIGATE AND VERIFY THE THICKNESS OF EXISTING PAVEMENTS TO BE REMOVED.
- DISPOSAL OF CONSTRUCTION AND DEMOLITION DEBRIS MAY ONLY OCCUR AT OFFSITE DISPOSAL FACILITIES APPROVED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.
- THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT HIS CONSTRUCTION ACTIVITIES CONFORM WITH APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY REQUIREMENTS.

SURVEY NOTES:

- UTILITY LOCATIONS IF SHOWN HEREON ARE BASED ON FIELD LOCATION OF MARKINGS BY UTILITY COMPANY REPRESENTATIVES, SURFACE FEATURES AND CONSTRUCTION PLANS FURNISHED TO THE SURVEYOR. ADDITIONAL SUB-SURFACE UTILITIES MAY EXIST THAT HAVE NOT BEEN FIELD LOCATED.
- EASEMENTS OR RIGHTS OF WAY THAT APPEAR ON RECORDED PLANS OR THAT HAVE BEEN FURNISHED TO THE SURVEYOR BY OTHERS HAVE BEEN INCORPORATED INTO THIS DRAWING WITH APPROPRIATE NOTATION. OTHER EASEMENTS MAY BE DISCOVERED BY A SEARCH OF THE PUBLIC RECORDS.
- MEASUREMENT METHODS USED FOR THIS SURVEY MEET STANDARDS OF PRACTICE FOR LAND SURVEYING CHAPTER 5J-17.050-.052 REQUIREMENTS.
- UNDERGROUND FOUNDATIONS HAVE NOT BEEN LOCATED.
- THE SURVEY MAP AND REPORT OR THE COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
- FEATURES SHOWN BY SYMBOL AS INDICATED IN THE LEGEND ARE NOT TO SCALE.
- VERTICAL INFORMATION SHOWN HEREON IS BASED ON "BENCHMARK NO. 3", HAVING AN ELEVATION OF 5.27 FEET AND "BENCHMARK NO. 4", HAVING AN ELEVATION OF 5.35 FEET, AS SHOWN ON CITY OF TREASURE ISLAND, FLORIDA CONSTRUCTION PLANS, OF "BEAUTIFICATION OF GULF BLVD", SHEET P-16, HAVING A DATE OF NOVEMBER 2014, PREPARED BY MICHAEL BAKER JR., INC (SEE ATTACHED). ELEVATIONS SHOWN ARE RELATIVE TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929, (NGVD29)
- THE HORIZONTAL POSITIONS FOR ALL FEATURES SHOWN ON THE MAP ARE RELATIVE TO NORTH AMERICAN DATUM, NAD 1983, 2007 ADJUSTMENT, STATE PLANE COORDINATE SYSTEM, FLORIDA WEST ZONE. CONTROL POINT(S) USED FOR THIS SURVEY ARE NATIONAL GEODETIC SURVEY, NGS POINTS PID#AG1021 AND PID#DF5810; DISTANCES SHOWN ARE GRID DISTANCES.
- THIS SURVEY WAS PERFORMED WITHOUT BENEFIT OF AN ABSTRACT, TITLE SEARCH, TITLE OPINION OR TITLE COMMITMENT. A TITLE SEARCH MAY REVEAL ADDITIONAL INFORMATION AFFECTING THE PARCEL AS SHOWN.
- UNLESS SHOWN, ONLY THOSE VISIBLE FEATURES FOUND WITHIN THE LIMITS OF THE APPARENT RIGHT OF WAY OF THIS SURVEY OR IN THE IMMEDIATE VICINITY OF THE ABOVE DESCRIBED INTERSECTION BOUNDARY HAVE BEEN LOCATED.
- DIMENSIONS ARE SHOWN IN UNITED STATES STANDARD SURVEY FEET AND DECIMALS THEREOF.
- POSITIONAL ACCURACY MEETS NATIONAL GEODETIC SURVEY, NGS THIRD ORDER, CLASS ONE, SPECIFICALLY 1:10,000, VERIFIED BY REDUNDANT MEASUREMENTS.

CONSTRUCTION TECHNIQUES

CONCRETE JOINTS/REPLACEMENT

CONTRACTOR SHALL PROVIDE A NEAT SAW CUT IN AREAS WHERE NEW CONCRETE OR CURB MEETS EXISTING, AND MATCH EXISTING GRADE.

CONCRETE AND PAVEMENT REMOVAL

THE CONTRACTOR SHALL SAW CUT AND REMOVE THE EXISTING PAVEMENT, WHERE INDICATED ON THE PLANS OR ON THE TYPICAL SECTIONS. AREAS OUTSIDE THE LIMITS OF THE NEW CONCRETE THAT REQUIRE REMOVAL WILL BE SPECIFICALLY CALLED FOR ON THE PLANS. PAYMENT FOR THIS ITEM SHALL BE IN S.Y. AND INCLUDE ALL COST ASSOCIATED WITH SAW CUTTING, JACK HAMMERING, REMOVAL, AND DISPOSAL.

WATER VALVES AND METERS

WATER VALVES WILL BE ADJUSTED BY THE CONTRACTOR TO BE FLUSH WITH TOP OF NEW SIDEWALK OR TOP OF FINISHED GRADE. CONTRACTOR TO COORDINATE WITH PINELLAS COUNTY UTILITIES PRIOR TO PERFORMING WORK

CONCRETE EDGES

ALL CONCRETE EDGES SHALL BE HAND TOOLED (1/2" RADIUS).

MAINTENANCE OF TRAFFIC

CONTRACTOR SHALL PROVIDE A MOT PLAN TO THE CITY OF TREASURE ISLAND FOR APPROVAL PRIOR TO CONSTRUCTION, MOT PLAN IS INCIDENTAL MAINTENANCE OF TRAFFIC.

CONTRACTOR SHALL PROVIDE PERMANENT CONSTRUCTION SIGNS IN ADVANCE OF ALL WORK TO ALERT MOTORISTS OF CONSTRUCTION ACTIVITIES. FLAGMEN, BARRICADES, CONES, AND ADDITIONAL WARNING SIGNS WILL BE REQUIRED DURING DAILY OPERATIONS. CONTRACTOR SHALL ADHERE TO THE STANDARDS OF SECTION 100 OF THE FDOT STANDARD SPECIFICATIONS AND THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES AS PUBLISHED BY THE FHWA. ENGINEER RESERVES THE RIGHT TO SUSPEND CONSTRUCTION ACTIVITIES IF DEEMED UNSAFE.

CONSTRUCTION

ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2017 EDITION, AND DESIGN STANDARDS, DATED 2017-2018, BOOK OF STANDARD DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING STRUCTURES, SIGNS, UTILITIES, LANDSCAPING AND PAVEMENTS. ANY DAMAGE TO THESE ITEMS CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL UTILITIES PRIOR TO DIGGING.

MAINTENANCE AND CLEAN UP

THE CONTRACTOR SHALL KEEP THE SITE NEAT AND CLEAN AS CONSTRUCTION PROGRESSES. ALL RUBBISH, WASTE MATERIAL, AND UNNECESSARY CONSTRUCTION EQUIPMENT SHALL BE REMOVED FROM THE SITE AT THE END OF EACH DAY. WATER SHALL BE AVAILABLE AT ALL TIMES TO CONTROL DUST. CONSTRUCTION SHALL BE ACCOMPLISHED SO THAT THE PUBLIC AND BUSINESS OWNERS WILL BE INCONVENIENCED AS LITTLE AS POSSIBLE. ALL DROP OFFS, OPEN EXCAVATIONS AND UNFINISHED SIDEWALK AREAS SHALL BE BARRICADED WITH SAFETY FENCE OR AN APPROVED EQUAL.

CLEARING AND GRUBBING

ALL EXISTING TREES ARE TO REMAIN UNLESS OTHERWISE NOTED. REMOVAL OF EXISTING ASPHALT AND CONCRETE PAVEMENT, PIPES, STRUCTURES, BUSHES, TREES AND BOLLARDS ARE INCIDENTAL TO CLEARING AND GRUBBING FDOT SPECIFICATION 110.

LIQUIDATED DAMAGES

LIQUIDATED DAMAGES AS PRESCRIBED IN THE CONTRACT DOCUMENTS SHALL BE ASSESSED FOR EACH DAY BEYOND THE SPECIFIED CONTRACT TIME THE ENTIRE PROJECT IS NOT SUBSTANTIALLY COMPLETE AND READY FOR USE BY THE OWNER. LIQUIDATED DAMAGES SHALL BE AN AMOUNT IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 8, PROSECUTION AND PROGRESS.

EROSION CONTROL NOTES

GENERAL

- SILT FENCING AND/OR OTHER EROSION CONTROL DEVICES WILL BE REQUIRED TO CONTROL EROSION AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN THESE MEASURES THROUGHOUT CONSTRUCTION. ALL EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO ANY EXCAVATION OR CLEARING AND GRUBBING WORK.
- ALL DISTURBED AREAS ARE TO BE STABILIZED IN ACCORDANCE WITH THE PLANS WITHIN 14 DAYS OF THE COMPLETION OF GRADING OR OTHER NECESSARY CONSTRUCTION OPERATIONS AND WITHIN THE PRESCRIBED PHASING SCHEDULE.
- ANY FINES, PENALTIES, OR OTHER COSTS ASSESSED BY STATE, LOCAL OR OTHER GOVERNMENTAL AGENCIES FOR NON-PERFORMANCE OF THE EROSION CONTROL REQUIREMENTS OF THIS PROJECT AGAINST THE CITY OF TREASURE ISLAND SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR, AND ANY SUCH ASSESSMENTS, IF NOT PAID BY THE CONTRACTOR, WILL BE DEDUCTED FROM MONIES DUE AT THE COMPLETION OF THE PROJECT.

MAINTENANCE PLAN

- ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCTION RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
- SEDIMENT WILL BE REMOVED FROM THE INLET PROTECTION DEVICES WHEN STORAGE CAPACITY HAS BEEN APPROXIMATELY 50% FILLED OR AS DIRECTED BY THE ENGINEER. GRAVEL WILL BE CLEANED OR REPLACED WHEN SEDIMENT POOL NO LONGER DRAINS PROPERLY.
- SEDIMENT WILL BE REMOVED FROM BEHIND THE TEMPORARY SILT FENCE WHEN IT BECOMES 0.5 FT. DEEP AT THE FENCE. THE TEMPORARY SILT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. TEMPORARY DIVERSION SWALES WILL BE CHECKED AFTER EVERY RAINFALL AND ANY SIGNIFICANT SEDIMENT BUILD UP WILL BE REMOVED AS DIRECTED BY THE ENGINEER.

UTILITIES CONTACTS:

CITY OF TREASURE ISLAND DEPARTMENT OF PUBLIC WORKS 120 - 108TH AVENUE TREASURE ISLAND, FLORIDA 33706 CONTACT: MICHAEL HELFRICH P.E. (727) 547-4575 EXT 252	TECO PEOPLE GAS - ST PETERSBURG 1400 CHANNELSIDE DRIVE TAMPA, FL 33605 CONTACT: DENNIS KNAPP PHONE: (813) 275-3726
SUNSHINE STATE ONE CALL OF FLORIDA 800-432-4770	PINELLAS COUNTY WATER AND SEWER 14 S. FORT HARRISON AVE. 6TH FLOOR CLEARWATER, FL 33756 CONTACT: JAY PERKINS PHONE: (727) 464-3536
VERIZON FLORIDA INC. 1909 US HWY. 301 NORTH TAMPA, FL 33619 CONTACT: DAVID WYNNNS PHONE: (813) 627-8343	BRIGHTHOUSE NETWORKS MANATEE 700 CARILLON PARKWAY, STE 6 ST. PETERSBURG, FL 33716 CONTACT: DONALD ANTHONY PHONE: (727) 329-2841 EXT. 42841
PROGRESS ENERGY 3300 EXCHANGE PLACE, NP40 LAKE MARY, FL 32746 PHONE: (800) 700-8744	

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**CITY OF
TREASURE ISLAND
FLORIDA**

**Michael Baker
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Designer: TFZ
Technician: RK
Checked by: JW
BAKER Project Number: 145774

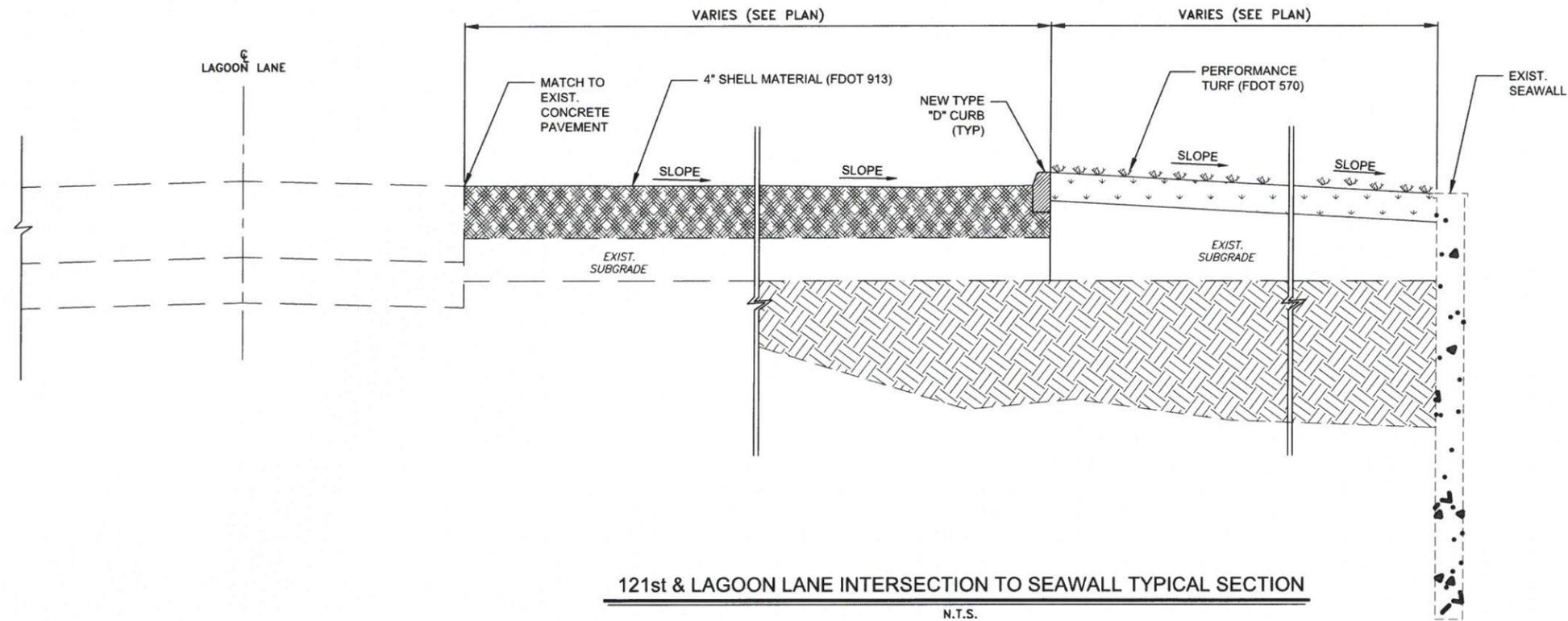


Revision No.	Description	Date	By

Project Name:
BEAUTIFICATION OF 121ST AVE

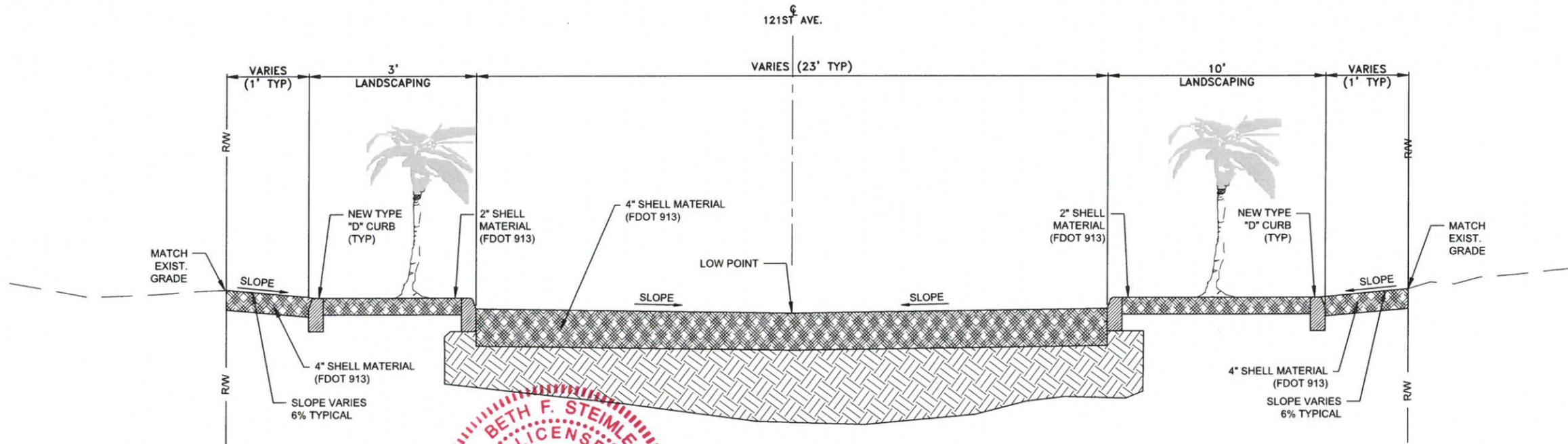
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GENERAL NOTES

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121st & LAGOON LANE INTERSECTION TO SEAWALL TYPICAL SECTION

N.T.S.



121ST AVENUE TYPICAL SECTION

N.T.S.



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<p>CITY OF TREASURE ISLAND FLORIDA</p>	<p>Michael Baker INTERNATIONAL</p> <p>4211 WEST BOY SCOUT BLVD SUITE 500, TAMPA, FLORIDA 33607 (813) 889-3892 FLORIDA CORPORATE LICENSE NUMBER 28861</p>	<p>Designer: TFZ</p> <p>Technician: RK</p> <p>Checked by: JW</p> <p>BAKER Project Number: 145774</p>	<p>BETH F. STEIMLE, P.E. FLORIDA LICENSE # 63010</p>	<table border="1"> <thead> <tr> <th>Revision No.</th> <th>Description</th> <th>Date</th> <th>By</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Revision No.	Description	Date	By																	<p>Project Name: BEAUTIFICATION OF 121ST AVE</p>	<p>Drawing Name: TYPICAL SECTIONS</p>	<p>CITY OF TREASURE ISLAND PROJECT NUMBER:</p> <table border="1"> <tr> <td>Date: JANUARY, 2018</td> <td>Issue: 100% SUBMITTAL</td> </tr> <tr> <td>Scale: AS SHOWN</td> <td>Sheet Number: TS-1</td> </tr> </table>	Date: JANUARY, 2018	Issue: 100% SUBMITTAL	Scale: AS SHOWN	Sheet Number: TS-1
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CITY OF
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Technician:
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Checked by:
JW
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BETH F. STEIMLE
FLORIDA LICENSE # 63010

Notes:
6/2/18

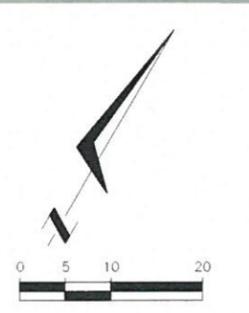
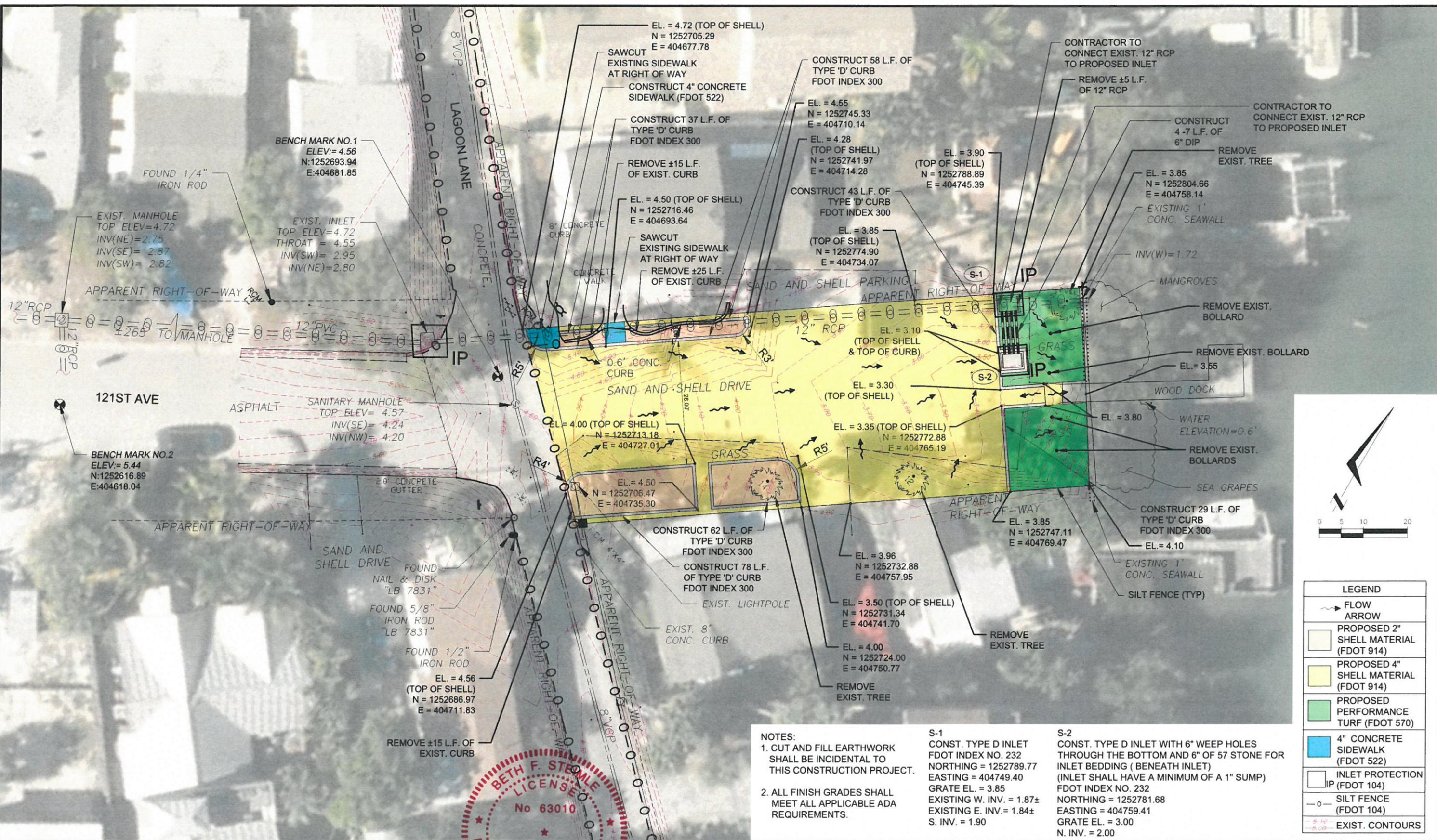
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Project Name:
BEAUTIFICATION OF 121ST AVE

Drawing Name:
**KEY SHEET
(121ST AVE)**

CITY OF TREASURE ISLAND PROJECT NUMBER:
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LEGEND	
	FLOW ARROW
	PROPOSED 2\"/>

NOTES:

- CUT AND FILL EARTHWORK SHALL BE INCIDENTAL TO THIS CONSTRUCTION PROJECT.
- ALL FINISH GRADES SHALL MEET ALL APPLICABLE ADA REQUIREMENTS.

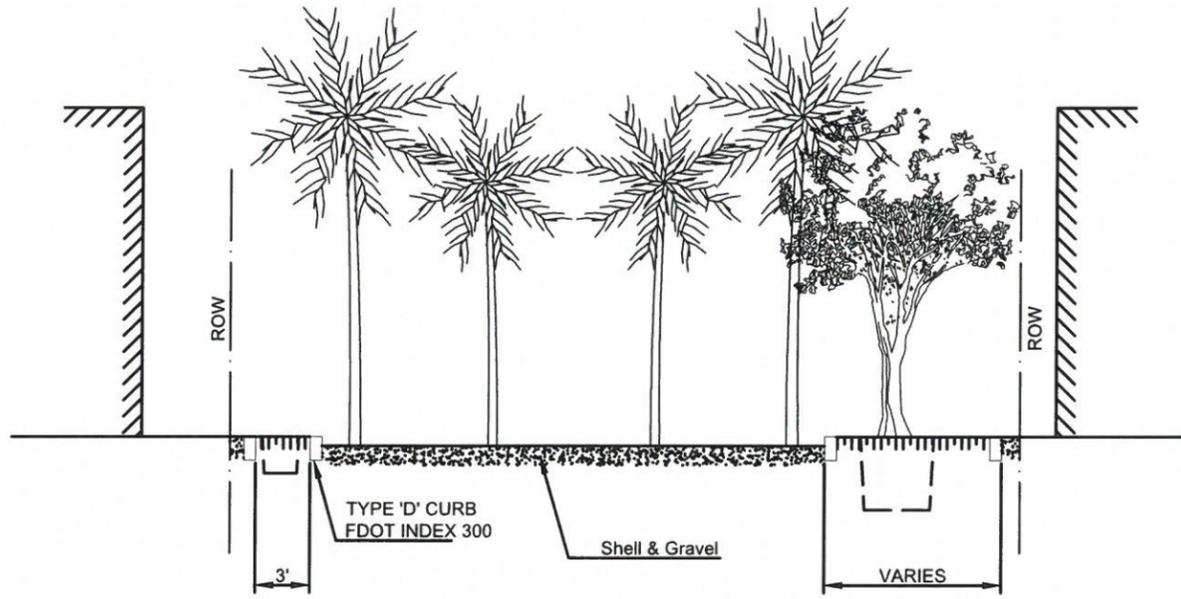
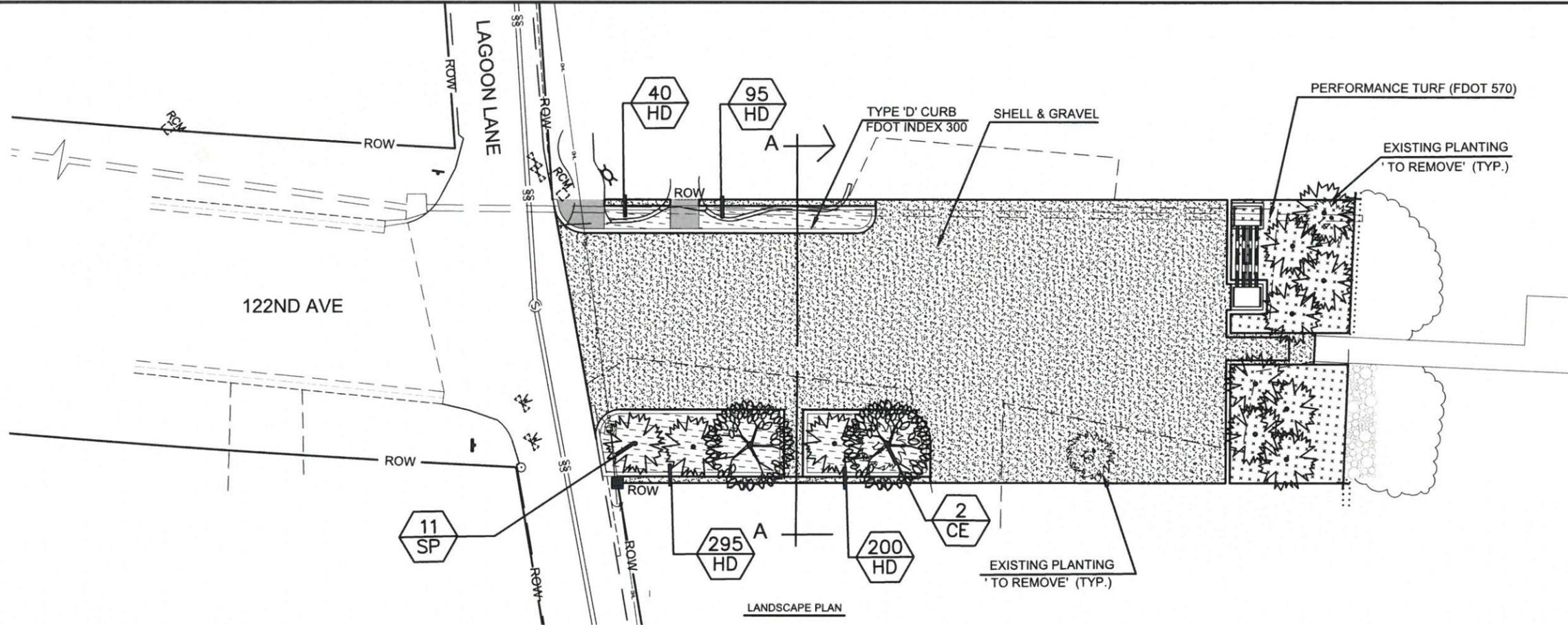
S-1
CONST. TYPE D INLET
FDOT INDEX NO. 232
NORTHING = 1252789.77
EASTING = 404749.40
GRATE EL. = 3.85
EXISTING W. INV. = 1.87±
EXISTING E. INV. = 1.84±
S. INV. = 1.90

S-2
CONST. TYPE D INLET WITH 6\"/>



<p>CITY OF TREASURE ISLAND FLORIDA</p>	<p>Michael Baker INTERNATIONAL</p> <p>4211 WEST BOY SCOUT BLVD SUITE 500, TAMPA, FLORIDA 33607 (813) 889-3892 FLORIDA CORPORATE LICENSE NUMBER 28861</p>	<p>Designer: TFZ</p> <p>Technician: RK</p> <p>Checked by: JW</p> <p>BAKER Project Number: 145774</p>	<p>Notes:</p> <p>BETH F. STEMLE, P.E. FLORIDA LICENSE # 63010</p>	<table border="1"> <thead> <tr> <th>Revision No.</th> <th>Description</th> <th>Date</th> <th>By</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Revision No.	Description	Date	By													<p>Project Name:</p> <p>BEAUTIFICATION OF 121ST AVE</p>	<p>Drawing Name:</p> <p>SITE PLAN (121st AVENUE)</p>	<p>CITY OF TREASURE ISLAND PROJECT NUMBER:</p> <p>Date: JANUARY, 2018</p> <p>Scale: AS SHOWN</p>	<p>Issue: 100% SUBMITTAL</p> <p>Sheet Number: P-1</p>
		Revision No.	Description	Date	By																			

Y:\Projects\Treasure Island, FL\121st Avenue at Lagoon Lane\CADD-dwg\006_LANDSCAPE PLAN (L-01).dwg January 22 2018 - 14:12



SECTION - A-A' 1"=10'
121st Avenue



CITY OF
TREASURE ISLAND
FLORIDA

Michael Baker
INTERNATIONAL
4211 WEST BOY SCOUT BLVD
SUITE 500, TAMPA, FLORIDA 33607
(813) 889-3892
FLORIDA CORPORATE LICENSE
NUMBER 28861

Designer:
TFZ
Technician:
RK
Checked by:
JW
BAKER Project Number:
145774

Notes:

Revision No.	Description	Date	By

Project Name:
BEAUTIFICATION OF 121ST AVE

Drawing Name:
LANDSCAPE PLAN
(121ST AVENUE)

CITY OF TREASURE ISLAND PROJECT NUMBER:	
Date: JANUARY, 2018	Issue: 100% SUBMITTAL
Scale: AS SHOWN	Sheet Number: L-01

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PLANT SCHEDULE

TREES	CODE	BOTANICAL/COMMON	CONT. SIZE	DIMENSIONS	QTY	REMARKS
	CE	Conocarpus erectus / Green Buttonwood	36"box	14' OH	2	Well foliated with upright branch structure
	SP	Sabal palmetto / Cabbage Palmetto	36"box	12-16' CT	11	Slick trunk - vary heights along the end of the limerock

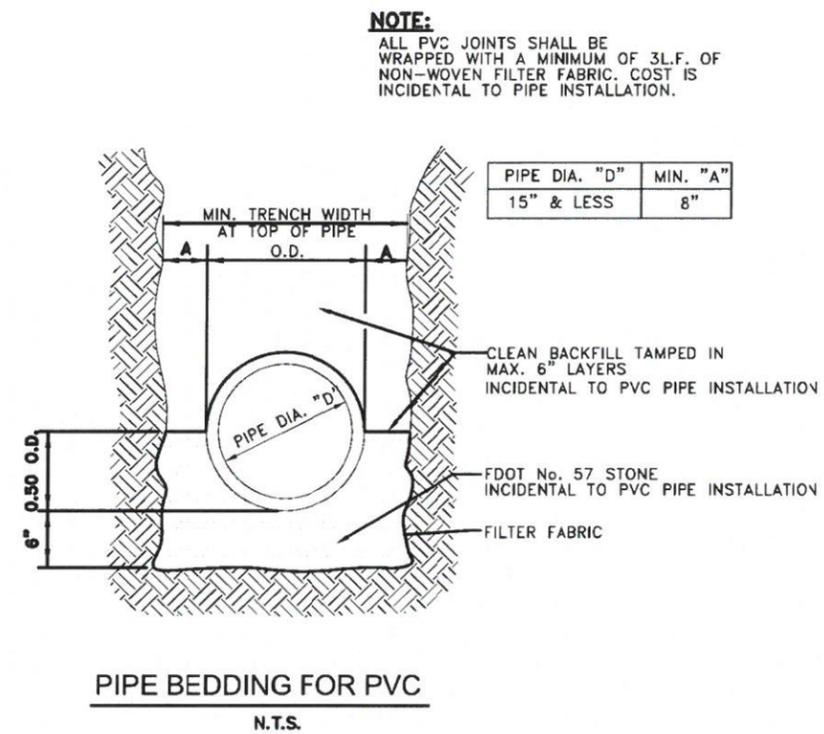
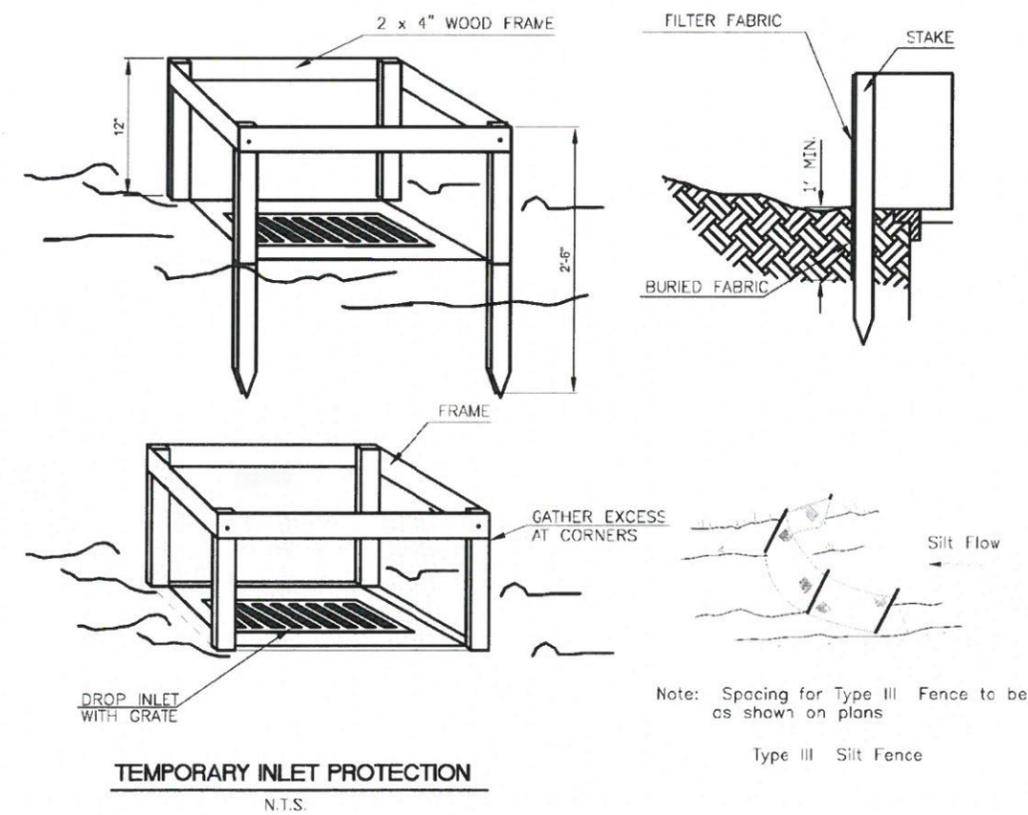
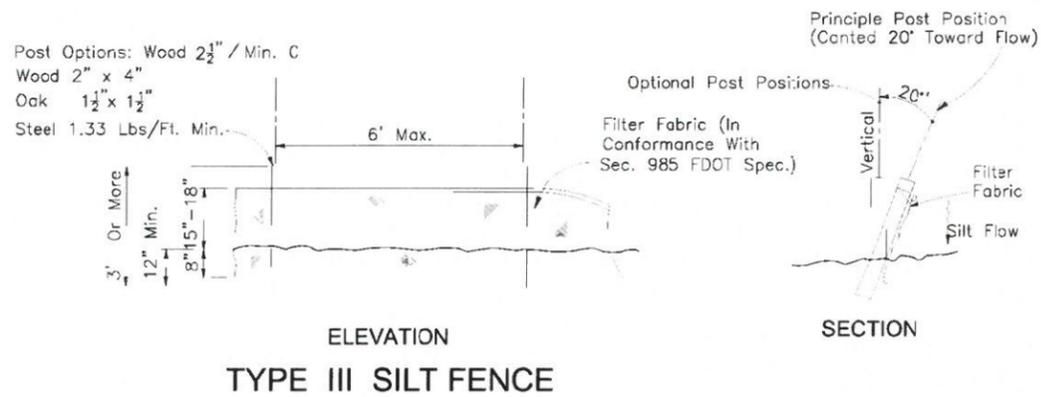
GROUND COVERS	CODE	BOTANICAL/COMMON	CONT. SIZE	DIMENSIONS	QTY	REMARKS
	HD	Helianthus debilis / Cucumberleaf Sunflower	1 gal@ 12" oc		630	

LANDSCAPE GENERAL NOTES

1. LOCATE ALL UNDERGROUND UTILITIES AND FIELD CHECK ALL DIMENSIONS PRIOR TO ANY LANDSCAPE OR IRRIGATION INSTALLATION. REPORT ANY CONFLICTS AND DISCREPANCIES TO LANDSCAPE ARCHITECT & CITY. TAKE RESPONSIBILITY TO PROVIDE APPLICABLE SEPARATION BETWEEN PROPOSED / EXISTING UTILITIES AND LANDSCAPE WORKS.
2. CONSTRUCTION MUST COMPLY WITH LANDSCAPE PLAN SPECIFICATIONS AND CONFORM WITH FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, DATED 2013 AND SUPPLEMENTS THERETO, PRIMARILY SECTION 580. ANY CONSTRUCTION NOT IN COMPLIANCE WILL BE REJECTED BY THE LANDSCAPE ARCHITECT AND REPLACED WITH PROPER INSTALLATION COMPLETED BY THE CONTRACTOR AT NO ADDITIONAL COST.
3. INSTALL ONLY PLANTS GRADED FLORIDA #1 OR BETTER AS SET FORTH IN THE FLORIDA DEPARTMENT OF AGRICULTURE "GRADES AND STANDARDS FOR NURSERY PLANTS" SECOND ADDITION: FEBRUARY 1998 AND WHICH MEET OR EXCEED THE SIZES INDICATED ON THE TABULATION OF QUANTITIES SHEET AND IN THE DETAILS. ALL PLANTS SHALL CONFORM TO NURSERY STOCK STANDARDS BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
4. FOLLOW MANUFACTURER'S SPECIFICATIONS FOR APPLICATION. FERTILIZE PALMS WITH SPECIAL PALM FERTILIZER CONTAINING MANGANESE AND MAGNESIUM PER MANUFACTURER'S DIRECTION. ALL FERTILIZER SHALL COMPLY WITH SECTION 982. FURNISH RECEIPTS FOR MATERIAL USED.
5. PREPARE ALL PLANTING BEDS IN ACCORDANCE WITH SECTION 580-4.4 FDOT STANDARD SPECIFICATIONS (FDOT SS). MIX IN 6" LAYER OF FINISH SOIL IN ALL PLANTING BEDS TO 18" DEPTH. FINISH SOIL MUST COMPLY WITH SECTION 987 FDOT SS.
6. BACKFILL ALL TREE PLANTING PITS WITH THE FOLLOWING MIXTURE: 1/2 ON-SITE SOIL, 1/2 CLEAN FRIABLE SANDY-LOAM TOPSOIL IN COMPLIANCE WITH SECTION 987-2.2 FDOT SS. SUBMIT SAMPLES FOR APPROVAL BY LANDSCAPE ARCHITECT (SEE PLANTING DETAILS).
7. FERTILIZE ALL PLANTING BEDS WITH APPROX. RATIO OF 4-1-2. APPLY AT RATE SPECIFIED BY MANUFACTURER. FURNISH RECEIPTS FOR MATERIALS USED.
8. TREAT ALL PLANTING BEDS WITH PRE-EMERGENT AND POST-EMERGENT HERBICIDES ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS. SUBMIT RECEIPTS FOR MATERIALS USED.
9. MULCH PLANTING BEDS TO A MINIMUM 3" THICKNESS WITH CLEAN, INSECT-FREE FLORIMULCH OR APPROVED EQUAL. DO NOT COVER BRANCHES, LEAVES OR STEMS; KEEP AIRSPACE AROUND TRUNKS (MIN. 6"). WATER-IN WELL TO SECURE IN PLACE.

10. VERIFY ALL QUANTITIES IN THE PLANTING SCHEDULE AND INSTALL ALL PLANTS AND MATERIAL AS INDICATED IN THE PLAN. PROVIDE UNIT PRICES FOR EACH ITEM. UNIT COST FOR EACH PLANT IS TO INCLUDE ALL LABOR FOR SITE PREPARATION TREATMENTS, EXCAVATION STAKING & GUYING, ETC.
11. NOTIFY THE ENGINEER AND LANDSCAPE ARCHITECT OF ANY UNFORESEEN CONDITIONS I.E. COMPACTED SOIL/SUBGRADE, POOR DRAINAGE, UTILITY CONFLICTS, ETC., PRIOR TO PROCEEDING WITH LANDSCAPE OR IRRIGATION INSTALLATION.
12. GUARANTEE ALL PLANTS FOR ONE YEAR IN ACCORDANCE WITH SECTION 580-11 PLANT ESTABLISHMENT PERIOD AND CONTRACTOR'S WARRANTY, FDOT SS.
13. ALL PLANTS, MATERIALS AND WORKMANSHIP ARE SUBJECT TO THE APPROVAL OF THE CITY AND LANDSCAPE ARCHITECT.
14. THE LOCATIONS OF PLANTINGS SPECIFIED ON THIS PLAN ARE FINAL, BUT MAY BE ADJUSTED TO ACCOMMODATE UNFORESEEN FIELD CONDITIONS, TO COMPLY WITH HORIZONTAL CLEARANCE AND CLEAR-SIGHT REQUIREMENTS, OR AS DIRECTED/APPROVED BY THE CITY ENGINEER. PLANT MATERIAL AND INSTALLATION AND MAINTENANCE SHALL BE IN COMPLIANCE WITH FDOT STANDARDS INDICES 544 AND 543 AND CLEAR ZONE REQUIREMENTS OF FDOT PLANS PREPARATION MANUAL AND FLORIDA HIGHWAY LANDSCAPE GUIDE.
15. DO NOT MAKE SUBSTITUTIONS OR REVISIONS. ANY REVISIONS OR MODIFICATIONS TO THE LANDSCAPE PLAN MUST HAVE PRIOR APPROVAL BY THE LANDSCAPE ARCHITECT, CITY ENGINEER AND PERMITTING AUTHORITY. REVISIONS MUST BE DOCUMENTED AS REQUIRED BY APPLICABLE STATE, CITY OR COUNTY REGULATIONS.
16. FINISH GRADE FOR ALL PLANTING AREA ADJACENT TO PAVEMENT SHALL PROVIDE THE 1" DROP-OFF, AS REQUIRED IN FDOT STANDARD INDEX 105.

 <p>CITY OF TREASURE ISLAND FLORIDA</p>	 <p>4211 WEST BOY SCOUT BLVD SUITE 300, TAMPA, FLORIDA 33607 (813) 889-3892 FLORIDA CORPORATE LICENSE NUMBER 28861</p>	Designer: TFZ	Notes:	Revision No. Description Date By				Project Name: BEAUTIFICATION OF 121ST AVE	Drawing Name: LANDSCAPE GENERAL NOTES/ PLANTING SCHEDULE	CITY OF TREASURE ISLAND PROJECT NUMBER:	
		Technician: RK		Checked by: JW	BAKER Project Number: 145774	Date: JANUARY, 2018	Issue: 100% SUBMITTAL				
					Scale: N.T.S	Sheet Number: L-02					



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	CITY OF TREASURE ISLAND FLORIDA	Michael Baker INTERNATIONAL 4211 WEST BAY SCOUT BLVD SUITE 802, TAMPA, FLORIDA 33607 (813) 839-3892 FLORIDA CORPORATE LICENSE NUMBER 28951	Designer: TFZ Technician: RK Checked by: JW BAKER Project Number: 145774	Notes: BETH F. STEIMLE, P.E. FLORIDA LICENSE # 63010	<table border="1"> <thead> <tr> <th>Revision No.</th> <th>Description</th> <th>Date</th> <th>By</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Revision No.	Description	Date	By																	Project Name: BEAUTIFICATION OF 121ST AVE	Drawing Name: CONSTRUCTION DETAILS	CITY OF TREASURE ISLAND PROJECT NUMBER: Date: JANUARY, 2018 Issue: 100% SUBMITTAL Scale: AS SHOWN Sheet Number: CD-1			
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