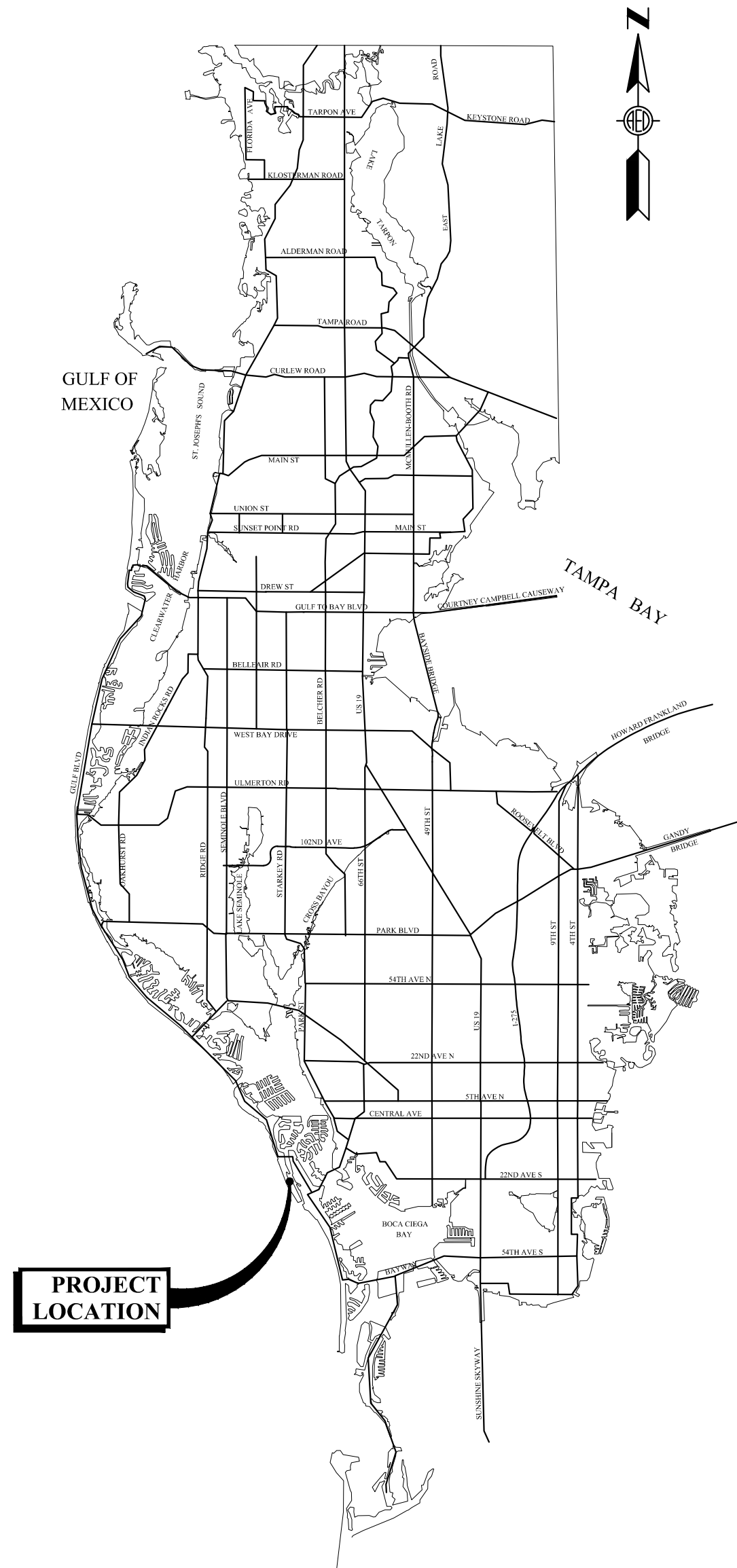
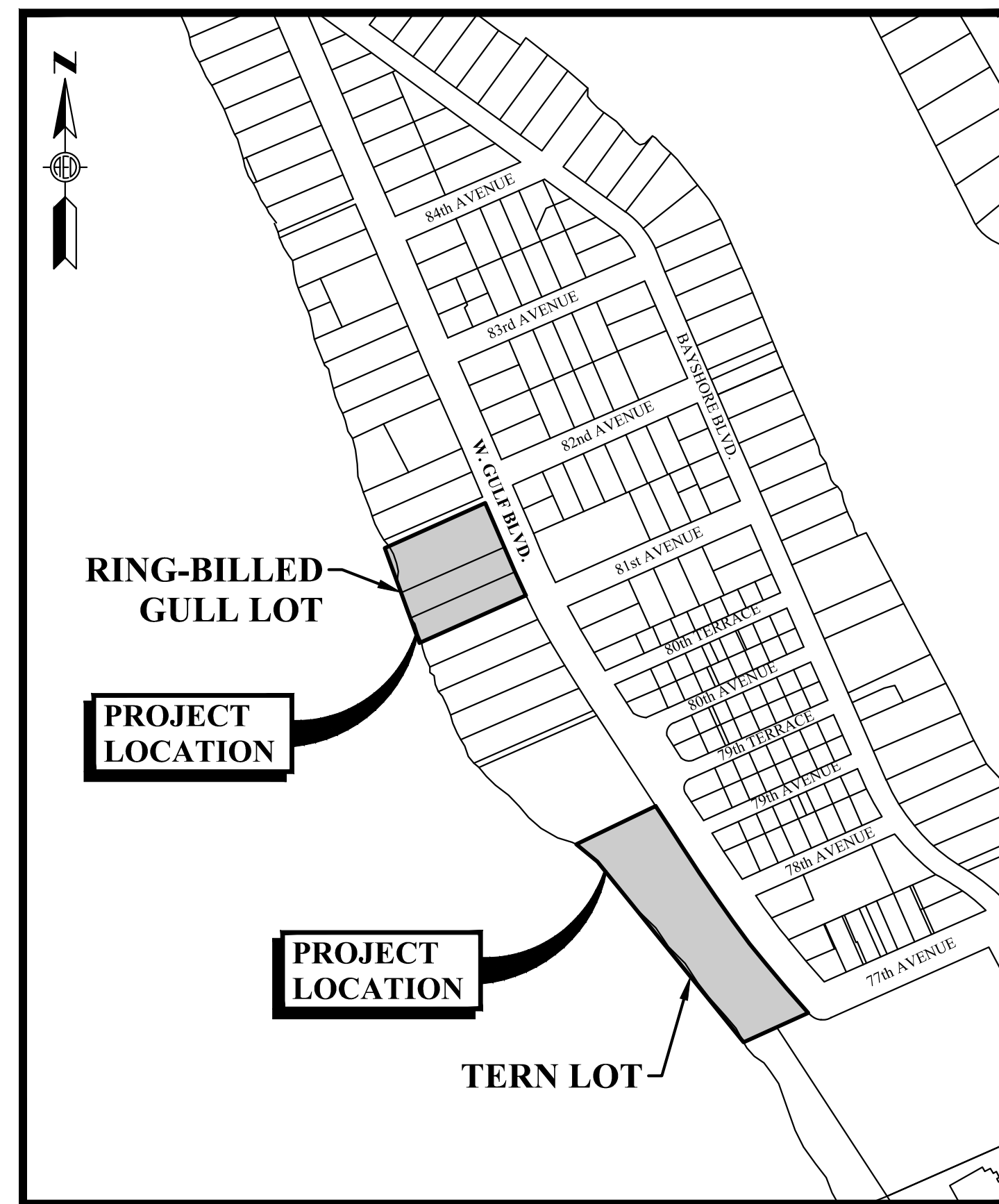


CONSTRUCTION PLANS FOR: SUNSET BEACH PARKING LOT IMPROVEMENTS

SECTION 36, TOWNSHIP 31 SOUTH, RANGE 15 EAST
PINELLAS COUNTY, FLORIDA



VICINITY MAP
N.T.S.



LOCATION MAP
N.T.S.

DRAWING INDEX	
DWG. NO.	SHEET TITLE
C1	COVER SHEET
C2	GENERAL NOTES & LEGENDS
C3	KEY / CONTROL MAP
C4A	TERN LOT (PERVIOUS CONCRETE OPTION)
C4B	TERN LOT (ASPHALT OPTION)
C5	RING-BILLED GULL LOT
C6	GENERAL DETAILS

CONSTRUCTION PLANS

INVESTIGATE
BEFORE YOU
EXCAVATE

**CALL LOCAL PUBLIC
UTILITY NOTIFICATION
CENTER**

TOLL FREE
 1-800-432-4770
 MIN. 48 HOURS BEFORE
 YOU EXCAVATE

PREPARED FOR:
CITY OF TREASURE ISLAND

 120 - 108th AVENUE
 TREASURE ISLAND, FL 33706

Prepared By:

ADVANCED
 ENGINEERING & DESIGN, INC.
CIVIL • MUNICIPAL • SITE DESIGN • PERMITTING • PLANNING
3931 68TH AVENUE NORTH • PINELLAS PARK, FL 33781 • Phone: 727.526.9158 • Fax: 727.527.9683

GENERAL NOTES:

1. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES AFFECTING THE WORK, PRIOR TO CONSTRUCTION.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ANY EXISTING UTILITIES INCLUDING GAS, WATER, ELECTRIC, COMMUNICATIONS, CABLE TV AND SANITARY SEWER WITHIN THE PROJECT LIMITS.
3. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL CALL "SUNSHINE" AT 800-432-4770 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION TO ARRANGE FOR UTILITY LOCATIONS.
4. DURING THE CONSTRUCTION AND/OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE GENERAL PUBLIC AND THE SAFETY OF HIS PERSONNEL.
5. ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE "TRENCH SAFETY ACT". THE CONTRACTOR SHALL INSURE THAT THE METHOD OF TRENCH PROTECTION AND CONSTRUCTION IS IN COMPLIANCE WITH ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
6. ALL NEW CONSTRUCTION (STORM DRAINS, INLET & UTILITY ADJUSTMENTS) MUST BE IN-PLACE, TESTED, PROPERLY COMPACTED AND INSPECTED PRIOR TO BASE AND SURFACE PAVEMENT CONSTRUCTION.
7. ANY MATERIALS AND WORK ON THIS PROJECT WHICH ARE REQUIRED TO MEET "FDOT" STANDARDS AND SPECIFICATIONS SHALL BE REFERENCED TO THE FOLLOWING: FDOT "ROADWAY AND TRAFFIC DESIGN STANDARDS" AND FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITIONS).
8. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL MATERIALS AND PRODUCTS UTILIZED TO COMPLETE THE CIVIL WORK AS DELINEATED WITHIN THESE PLANS. SUBMITTALS SHALL INCLUDE, BUT NOT BE LIMITED TO: PIPE, FITTINGS, PRECAST STRUCTURES, CONCRETE MIX DESIGN, ASPHALT MIX DESIGN & BASE MATERIALS.
9. THE CONTRACTOR SHALL INSTALL TEMPORARY FENCING WHERE REQUIRED TO SECURE SIDE/REAR YARD AREAS. YARDS SHALL BE SECURED AT THE END OF WORK DAY AND OVER WEEKENDS UNTIL WORK IS COMPLETED.
10. CONTRACTOR SHALL RETAIN THE SERVICES OF A FLORIDA LICENSED, PROFESSIONAL LAND SURVEYOR FOR ALL SURVEY AND CONSTRUCTION STAKEOUT. AS-BUILT INFORMATION SHALL BE COMPILED THROUGHOUT CONSTRUCTION AND DELINEATED ON A SET OF PLANS BY RED-MARKING.
11. CONTRACTOR SHALL RETAIN THE SERVICES OF A FLORIDA LICENSED PROFESSIONAL LAND SURVEYOR TO RE-SET ALL PROPERTY CORNERS IMPACTED BY CONSTRUCTION ACTIVITY.
12. CONTRACTOR SHALL RETAIN THE SERVICES OF A CERTIFIED TESTING LABORATORY FOR MATERIALS TESTING OF CONCRETE, ASPHALT AND SOILS DENSITY. TESTING RESULTS SHALL BE SUBMITTED TO THE CITY AND CITY'S REPRESENTATIVE.
13. AFTER CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL PROVIDE AN AS-BUILT SURVEY OF ALL WORK PERFORMED IN AUTOCAD FORMAT. THIS AS-BUILT WILL BE COMPARED TO THE DESIGN PLANS FOR ACCURACY AND COMPLETENESS OF WORK. ANY DEVIATIONS FROM THE DESIGN PLANS WHICH WERE NOT APPROVED BY THE DESIGN ENGINEER AND/OR CITY IN WRITING, SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
14. THE CONTRACTOR SHALL ADHERE TO ALL PERMITTING CONDITIONS SET FORTH WITHIN THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWM) PERMIT.
15. THE CONTRACTOR SHALL ENDEAVOR TO PROTECT PRIVATE PROPERTY. ANY DAMAGE CAUSED BY THE CONTRACTOR IN THE PERFORMANCE OF HIS WORK SHALL BE CORRECTED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING. NO PAYMENT SHALL BE MADE FOR THIS WORK. THE CONTRACTOR SHALL USE SHEETING/SHORING/TRENCH PROTECTION MEASURES TO ENSURE NO PRIVATE PROPERTY IMPACTS.
16. THE CONTRACTOR SHALL MAINTAIN ACCESS FOR ALL EMERGENCY VEHICLES TO RESIDENTIAL AND COMMERCIAL PROPERTIES AT ALL TIMES.
17. EXISTING CONCRETE CURB THAT IS DISTURBED SHALL BE REPLACED IN KIND.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING AND SHORING (PROPRIETARY AND NON-PROPRIETARY) AS NECESSARY. DEWATERING SHALL BE UTILIZED TO AS REQUIRED TO KEEP TRENCHES AND EXCAVATIONS DRY THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE GENERAL PUBLIC'S SAFETY WHEN CONSTRUCTION EXCAVATIONS ARE LEFT UNATTENDED. EXCAVATIONS SHALL HAVE TEMPORARY SAFETY FENCING PLACED AROUND THE PERIMETER OF THE EXCAVATION. EXCAVATION PROTECTION MEASURES SHALL BE COMPLETED PRIOR TO CONSTRUCTION PERSONNEL LEAVING THE SITE THROUGHOUT THE DURATION OF CONSTRUCTION.
19. CITY FORCES WILL BE INSTALLING IRRIGATION SYSTEMS IN BOTH LOTS. CONTRACTOR SHALL ALLOW CITY FIVE (5) BUSINESS DAYS TO COMPLETE THE WORK AFTER A ONE (1) WEEK NOTIFICATION IS PROVIDED.
20. ALL EXISTING UTILITIES SHALL BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION. THE CONTRACTOR MAY NEED TO TEMPORARILY SUPPORT UTILITIES.
21. ALL STRUCTURE DIMENSIONS LISTED ON THE PLAN VIEW ARE INTERNAL DIMENSIONS.
22. THE CONTRACTOR SHALL USE CAUTION WHEN OPERATING VIBRATORY EQUIPMENT WITHIN THE VICINITY OF ANY RESIDENTIAL OR COMMERCIAL STRUCTURES.
23. STORMWATER STRUCTURES SHALL BE SET ON A 12" BEDDING OF FDOT NO. 57 STONE. BEDDING LIMITS SHALL EXTEND ONE FOOT BEYOND THE STRUCTURE'S BOTTOM SLAB IN ALL DIRECTIONS.
24. THE CONTRACTOR SHALL RESTORE ALL LANDSCAPING DAMAGED DURING CONSTRUCTION. REPLACEMENT LANDSCAPING SHALL REPLICATE THE SIZE AND SPECIES OF THE REMOVED LANDSCAPING.
25. A WOVEN FILTER FABRIC SHALL BE PLACED BENEATH ALL SHELL/ROCK/GRAVEL AREAS RESTORED OR CONSTRUCTED BY THE CONTRACTOR.
26. SHELL/ROCK/GRAVEL THICKNESS SHALL MATCH EXISTING PLUS 2" (PARKWAY AREAS) UNLESS SHOWN OTHERWISE.
27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF SHEETING/SHORING/TRENCH PROTECTION SYSTEMS. THIS INCLUDES, BUT IS NOT LIMITED TO, SHEET THICKNESS, REQUIRED EMBEDMENT, ETC.
28. STORMWATER AND UTILITY INFRASTRUCTURE SHALL BE CONSTRUCTED WITHIN DRY TRENCHES/EXCAVATIONS. NON-DEWATERED SOILS SHALL NOT BE CONSIDERED UNSUITABLE MATERIAL.
29. SHELL SHALL BE ¾" WASHED MATERIAL (DREDGED). SAMPLES SHALL BE PROVIDED TO THE CITY PRIOR TO ORDERING.

CLEARING & SITE PREPARATION NOTES:

1. THE CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE AREAS NECESSARY FOR CONSTRUCTION. ALL DISTURBED AREAS MUST BE RESTORED IMMEDIATELY FOLLOWING CONSTRUCTION OR AS INDICATED ON THE PLANS.
2. ANY UNUSED EXCESS GROUND MATERIAL STRIPPED DURING CLEARING AND GRUBBING ACTIVITIES SHALL BE REMOVED FROM THE PROJECT SITES.
3. ALL CONSTRUCTION DEBRIS AND OTHER WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR IN ACCORDANCE WITH APPLICABLE REGULATORY AGENCY REQUIREMENTS.
4. THE CONTRACTOR SHALL NOTE THAT THERE ARE BURIED TELEPHONE, BURIED ELECTRICAL, WATER AND SANITARY SEWER SERVICES NEAR PROJECT SITES. THESE FACILITIES SHALL BE ACCURATELY FIELD LOCATED PRIOR TO ANY CLEARING AND GRUBBING WORK AND SHALL BE PROTECTED THROUGHOUT CONSTRUCTION ANY DAMAGE TO THESE FACILITIES WILL BE PROMPTLY CORRECTED BY THE CONTRACTOR.

EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL PROVIDE EROSION CONTROL/ SEDIMENTATION BARRIERS (SYNTHETIC HAY BALES OR SILTATION CURTAINS) AS NEEDED TO PREVENT SITE EROSION DUE TO CONSTRUCTION ACTIVITY. STOCKPILED DIRT SHALL BE COVERED TO PREVENT EROSION DUE TO WIND AND/OR RAINFALL.

2. IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION OR OTHER ACCEPTABLE METHOD. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR WATER USED FOR THESE PURPOSES.
3. THE CONTRACTOR SHALL INSPECT AND MAINTAIN, ON A DAILY BASIS, ALL EROSION/SEDIMENTATION CONTROL FACILITIES.
4. CONTRACTOR SHALL PROVIDE EROSION/SEDIMENTATION CONTROL IN THE EVENT THAT TEMPORARY FILL PLACEMENT ON SITE IS REQUIRED DURING CONSTRUCTION.
5. DEBRIS & SEDIMENT SHALL BE CLEANED FROM VEHICLE USE AREAS ON A DAILY BASIS.
6. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PRODUCE A "STORMWATER POLLUTION PREVENTION PLAN" (SWPPP) AND OBTAIN COVERAGE UNDER A "NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM" (NPDES) PERMIT BEFORE CONSTRUCTION PROCEEDS. A "NOTICE OF INTENT" (NOI) FORM SHALL BE COMPLETED AND SUBMITTED TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP). FOR MORE INFORMATION, CONTACT 850-245-7520 OR VISIT THE FOLLOWING WEB SITE: www.dep.fl.us/water/stormwater/npdes/index.htm.
7. PRIOR TO THE NOTICE TO PROCEED, THE CONTRACTOR SHALL COMPLETE ILLICIT DISCHARGE TRAINING. THIS IS A NEW STATEWIDE REQUIREMENT. AT LEAST ONE PERSON WHO HAS RECEIVED THE TRAINING MUCH BE PRESENT AT THE CONSTRUCTION SITE. THERE ARE A FEW OPTIONS TO RECEIVE THE TRAINING:
 - a. THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION IS CREATING AN ONLINE ILLICIT DISCHARGE TRAINING PROGRAM. IF THIS COURSE HAS BEEN COMPLETED, PLEASE PROVIDE THE CERTIFICATION NUMBERS OF THE APPLICABLE PERSONNEL.
 - b. OTHER MUNICIPALITIES IN FLORIDA HAVE THE SAME REQUIREMENT. PROVIDE EVIDENCE THAT APPLICABLE PERSONNEL HAVE RECEIVED TRAINING THROUGH ANOTHER MUNICIPALITY OR SOURCE.

DEWATERING NOTES:

1. ANY DEWATERING ACTIVITY THAT DISCHARGES PRODUCED GROUND WATER TO WATERS OF THE STATE MUST OBTAIN COVERAGE UNDER THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION'S (FDEP'S) "GENERIC PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY NON-CONTAMINATED SITE ACTIVITY" IN ACCORDANCE WITH RULE 62-621.300(2) (F.A.C.). THIS EFFORT SHALL BE THE CONTRACTORS RESPONSIBILITY.
2. WATERS PUMPED FROM CONSTRUCTION ACTIVITIES SHALL BE ROUTED TO A DEWATERING BAG (DEWATERING BAG AS MANUFACTURED R.H. MOORE & ASSOCIATES OR APPROVED EQUAL). DEWATERING BAG SHALL MEASURE 5'X5' (MINIMUM) AND CONTAIN OPENINGS NO LARGER THAN 0.177 MM (NO. 80 SIEVE). NO WATER PUMPED FROM THE CONSTRUCTION SITE SHALL BE ROUTED AWAY FROM THE DEWATERING BAG.
3. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED GROUNDWATER TESTING. THIS INCLUDES PRELIMINARY WATER SAMPLES TO SATISFY THE FDEP GENERIC PERMIT FOR DISCHARGE OF PRODUCED GROUNDWATER. ANY GROUNDWATER TREATMENT AS REQUIRED AS A RESULT OF THE PERMIT SAMPLING WILL BE DIRECTED BY AND PAID FOR BY OTHERS. THE CONTRACTOR MAY OR MAY NOT BE INVOLVED WITH TREATMENT SHOULD IT BECOME NECESSARY.
4. THE CONTRACTOR SHALL USE CAUTION WHEN FILLING DEWATERING BAGS AS HIGH PUMPING RATES CAN DAMAGE THE UNIT(S).
5. ONCE THE DEWATERING BAG IS FULL, THE CONTRACTOR SHALL SUITABLY DISPOSE OF THE MATERIAL OFFSITE.
6. DEWATERING BAGS WHICH ARE FULL, TORN OR DAMAGED IN ANY WAY SHALL IMMEDIATELY BE REMOVED FROM THE SITE.
7. DEWATERING FOR PIPE/STRUCTURE INSTALLATION SHALL BE ROUTED THROUGH DEWATERING BAGS. THE ABOVE-REFERENCED DEWATERING BAG CRITERIA WILL REMAIN IN EFFECT.

PAVING & GRADING NOTES:

1. ALL DELETERIOUS SUBSURFACE MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS, ETC.) SHALL BE EXCAVATED AND REMOVED FROM THE SITE. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED IN ACCORDANCE WITH THESE PLANS AND OR SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. DEWATERING METHODS SHALL BE USED AS REQUIRED TO KEEP TRENCHES DRY WHILE PIPE, STRUCTURES AND OTHER APPURTENANCES ARE PLACED.
3. THE CONTRACTOR SHALL RESTORE THE ROADWAY AND CURBING TO THE PRE-CONSTRUCTION ELEVATIONS UNLESS SPECIFIED OTHERWISE. THE CONTRACTOR SHALL MAKE ALL EFFORTS TO PROVIDE POSITIVE DRAINAGE TOWARDS THE EXISTING AND/OR NEWLY INSTALLED STORMWATER COLLECTION STRUCTURES.
4. THE CONTRACTOR SHALL TRIM, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.
5. ALL PAVEMENT MARKINGS SHALL BE MADE IN ACCORDANCE WITH FDOT STANDARD INDEX NO. 17346.
6. ALL VALVE BOXES, MANHOLE FRAMES, CLEAN-OUTS, IRRIGATION BOXES, ELECTRICAL MANHOLE COVERS, ETC. SHALL BE ADJUSTED TO MATCH FINISHED GRADES. FOR MANHOLE FRAME & COVERS, UTILIZE BRICK AND MORTAR OR CONCRETE ADJUSTMENT RINGS AS REQUIRED. SEPARATE PAYMENT SHALL NOT BE PROVIDED FOR THIS TASK.

DRAINAGE SYSTEM NOTES:

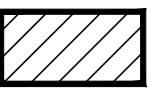



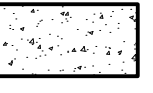

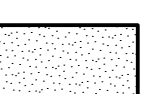
1. REINFORCED CONCRETE PIPE AND ELLIPTICAL REINFORCED CONCRETE PIPE SHALL MEET ALL APPLICABLE REQUIREMENTS OF THE FDOT STANDARD. ALL PIPING SHALL BE STEEL REINFORCED.
2. NO PRECAST STRUCTURES SHALL BE ORDERED UNTIL THE DESIGN ENGINEER HAS REVIEWED AND APPROVED SHOP DRAWINGS SUBMITTED BY THE CONTRACTOR.
3. ALL PIPE SHALL HAVE ALL JOINTS WRAPPED WITH A FILTER FABRIC JACKET PER FDOT INDEX 280.
4. CONTRACTOR SHALL MODIFY AND FULLY RESTORE EXISTING CATCH BASINS, INLETS, MANHOLES AND END STRUCTURES AS REQUIRED FOR THE INSTALLATION OF NEW STORM PIPE. THIS SHALL INCLUDE REMOVAL OF EXISTING PIPE, SAWING, CORING, WALL REPAIRS, BRICK WORK AND FLOW CHANNEL/BENCH RESTORATION. CONTRACTOR SHALL USE CAUTION SO AS NOT TO DAMAGE EXISTING STRUCTURES.
5. ALL GRATES SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION & BE RATED FOR H-20 LOADING.
6. THE CONTRACTOR SHALL FIELD CONFIRM EXISTING STORMWATER PIPE INVERTS WHERE AN EXISTING PIPING IS PROPOSED TO BE CONNECTED TO A NEW STRUCTURE.
7. BRICK ADJUSTMENT CAPABILITIES ARE MINIMAL BASED UPON THE PROPOSED INVERTS AND THE PROPOSED RIM ELEVATIONS NEEDED TO MATCH EXISTING GRADES.
8. BENCHES SHALL BE POURED IN STRUCTURES PER FDOT INDEX NO. 201

MAINTENANCE OF TRAFFIC NOTES:

1. THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH THE U.S. DEPARTMENT OF TRANSPORTATION'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND THE FLORIDA DEPARTMENT OF TRANSPORTATION'S "ROADWAY AND TRAFFIC DESIGN STANDARDS" (ALL LATEST EDITIONS). CONTRACTOR SHALL SUBMIT A DETAILED TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL. THE M.O.T. SHALL BE PREPARED BY QUALIFIED PERSONNEL AND SHOW ALL HAUL ROUTES, EMERGENCY EXITS AND RESIDENT ACCESS DURING EACH PHASE OF CONSTRUCTION. THE CONTRACTOR WILL NOT BE PERMITTED TO CLOSE ACCESS TO RESIDENCES OR PLACES OF BUSINESS. PROVISIONS WILL BE MADE TO PROVIDE ACCESS TO CONSTRUCTION VEHICLES FOR PICK-UP AND DELIVERY OF MATERIALS DURING THE CONSTRUCTION PERIOD.
2. THE CITY WILL REQUIRE THAT THE MAINTENANCE OF TRAFFIC PLAN BE SUBMITTED FOR APPROVAL TWO WEEKS PRIOR TO IMPLEMENTATION.
3. PEDESTRIAN MAINTENANCE OF TRAFFIC SHALL BE IMPLEMENTED IN ACCORDANCE WITH FDOT INDEX NO. 660 (LATEST EDITION).
4. THE USE OF A VARIABLE MESSAGE BOARD WILL BE REQUIRED THROUGHOUT THE DURATION OF THE PROJECT.

SUE DATA TABLE								
VVH No.	Utility Description (Owner, Type)	Size (in.)	Material	Location Information			Existing Ground Elevation	Top of Utility Elevation (Approx.) (ft.)
				Station	Offset	LT./RT.		
VVH01	FRONTIER BURIED TELEPHONE	6"	PVC	14+15.35	30.36	LT.	4.65'	2.22'
VVH02	PINELLAS COUNTY, RCW	4"	UNK	15+8.8	18.51'	LT.	4.41'	3.26'
VVH03	PINELLAS COUNTY, RCW	4"	PVC	16+21.83	29.79'	LT.	4.49'	0.65'
VVH04	PINELLAS COUNTY, RCW	4"	UNK	21+33.01	9.17'	LT.	3.94'	1.12'
VVH05	PINELLAS COUNTY, RCW	4"	UNK	26+71.87	10.38'	LT.	4.74'	3.29'

"PROPOSED" LEGEND:

-  PROPOSED REMOVAL & RESTORATION LIMITS
-  PROPOSED STORM DRAINAGE PIPE
-  PROPOSED MANHOLE
-  PROPOSED GRATED INLET
-  CONCRETE SIDEWALK PER FDOT INDEX NO. 310 (THICKNESS AS SPECIFIED)
-  ASPHALT PARKING SURFACE
-  PERVIOUS CONCRETE DRIVING SURFACE

"EXISTING" LEGEND:

- | | |
|--|---|
| <ul style="list-style-type: none"> FND FOUND FCIR FOUND CAPPED IRON ROD (SIZE NOTED) FCM FOUND CONCRETE MONUMENT (SIZE NOTED) FIP FOUND IRON PIPE (SIZE NOTED) FIR FOUND IRON ROD (SIZE NOTED) FN&D FOUND NAIL & BRASS DISK PK PARKER KAYLON NAIL LB LICENSED BUSINESS PLS PROFESSIONAL LAND SURVEYOR PSM PROFESSIONAL SURVEYOR & MAPPER RLS REGISTERED LAND SURVEYOR PB PLAT BOOK PG PAGE PC POINT OF CURVATURE POT POINT ON TANGENT PT POINT OF TANGENCY BOS BEGINNING OF SURVEY EOS END OF SURVEY STA. STATION BFP BACKFLOW PREVENTER CLD CENTERLINE DITCH DIA. DIAMETER DVCV DOUBLE CHECK VALVE EL ELEVATION FFE FINISH FLOOR ELEVATION INV INVERT No. NUMBER ORB OFFICIAL RECORDS BOOK R/W RIGHT OF WAY S/W SIDEWALK TBM TEMPORARY BENCHMARK TOB TOP OF BANK TOS TOE OF SLOPE TYP TYPICAL UG UNDERGROUND A/C AIR CONDITIONER VVF VINYL FENCE WDF WOOD PANEL FENCE C/B CONCRETE BLOCK FCG F-TYPE CURB AND GUTTER VCG VALLEY CURB AND GUTTER CMP CORRUGATED METAL PIPE DIP DUCTILE IRON PIPE HDPE HIGH DENSITY POLYETHYLENE PIPE PVC POLYVINYL CHLORIDE PIPE VCP VITRIFIED CLAY PIPE RCP REINFORCED CONCRETE PIPE EOP EDGE OF PAVEMENT CONC CONCRETE MH MANHOLE OHW OVERHEAD WIRES (CABLE, TELEPHONE, ELECTRICAL) ←W→ PAINT OR FLAG MARKING UG WATER LINE | <ul style="list-style-type: none"> BENCHMARK BOLLARD/POST CONCRETE UTILITY POLE CLEANOUT DECORATIVE LIGHT ELECTRIC BOX FIRE HYDRANT GAS MARKER POST GUY WIRE IRRIGATION CONTROL VALVE MAIL BOX METAL LIGHT POLE RECLAIMED WATER METER BOX RECLAIMED WATER VALVE SANITARY MANHOLE SIGN STORM OR DRAINAGE MANHOLE TELECOMMUNICATIONS MANHOLE TELEPHONE BOX TELEPHONE LINE MARKER POST VERIZON ACCESS BOX WATER VALVE WATER METER BOX WOOD LIGHT POLE WOOD UTILITY POLE |
|--|---|

"TREE" LEGEND:

- WITH SIZES (IN INCHES) AS NOTED
- | | |
|---|---|
| <ul style="list-style-type: none"> □ BAY ✪ BOTTLEBRUSH ✪ BUSH ✪ CAMPHOR ✪ CARROTWOOD ✪ CEDAR ✪ CHERRY LAUREL ✪ CHINABERRY ✪ CHINESE TALLOW ✪ CITRUS ✪ CREPE MYRTLE ✪ CYPRESS ✪ ELEPHANT-EAR ✪ ELM ✪ HICKORY ✪ HOLLY | <ul style="list-style-type: none"> ✪ JACARANDA ✪ JAPANESE PLUM ✪ MAGNOLIA ✪ MAPLE ✪ MIMOSA ✪ MULBERRY ✪ OAK ✪ ORCHID ✪ PALM ✪ PINE ✪ PODACARPUS ✪ SWEETGUM ✪ SYCAMORE ✪ UNKNOWN ○ OTHER (as labeled) |
|---|---|

NO.	REVISIONS	BY	DATE

SCALE:	N.T.S.
DRAWN:	S.A.T.
DESIGNED:	A.E.D.
APPROVED:	W.G.R.



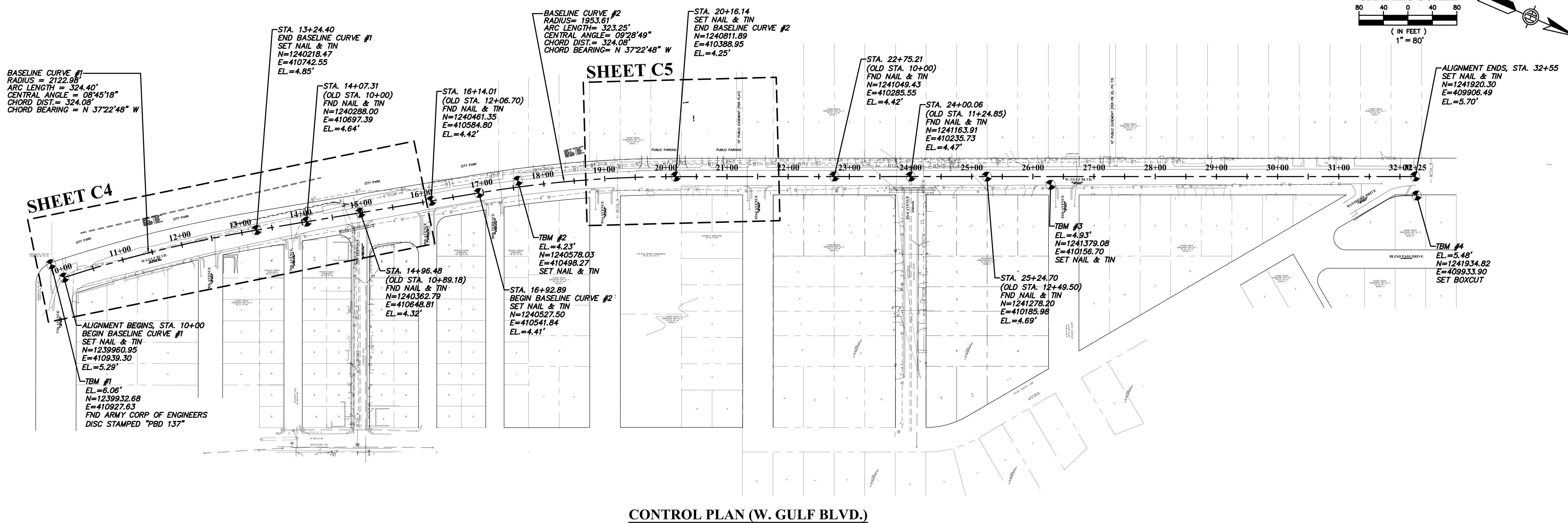
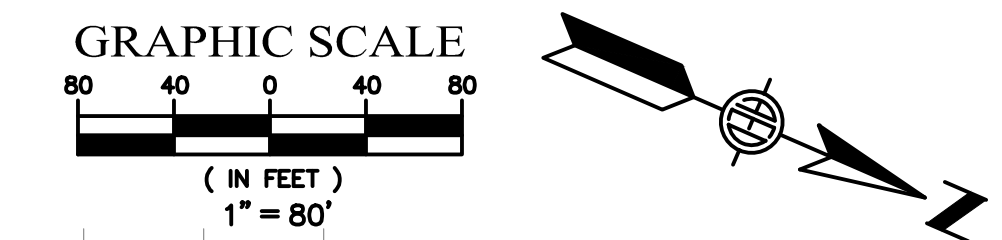
ADVANCED
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3931 68TH AVENUE NORTH • PINELLAS PARK, FL 33781 • Phone: 727.526.9158 • Fax: 727.527.9683

CITY OF TREASURE ISLAND

SUNSET BEACH PARKING LOT IMPROVEMENTS

GENERAL NOTES & LEGENDS

DATE:	8/4/17
PROJECT NO:	17-TI-69
SHEET NO:	C2



CONTROL PLAN (W. GULF BLVD.)

SURVEY NOTES:

- SECTIONS 25 & 36 TOWNSHIP 31 SOUTH RANGE 15 EAST
- NOTES:
1. SURVEY CREW: DAN McINTURFF, DINO SPENDL
 2. NO UNDERGROUND INSTALLATIONS OR IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS SHOWN.
 3. NO INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHT OF WAY AND/OR OWNERSHIP WERE FURNISHED TO THIS SURVEYOR EXCEPT AS SHOWN.
 4. THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP.
 5. USE OF THIS SURVEY BY ANYONE OTHER THAN THOSE PREPARED FOR WILL BE THE RE-USERS SOLE RISK WITHOUT LIABILITY TO THE SURVEYOR.
 6. THERE MAY BE ITEMS DRAWN OUT OF SCALE TO GRAPHICALLY SHOW THEIR LOCATION.
 7. THE SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE COMMITMENT AND IS SUBJECT TO EASEMENTS, RIGHTS-OF-WAY AND SIMILAR MATTERS OF TITLE.
 8. NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
 9. THE HORIZONTAL DATUM WAS BASED ON STATE PLANE VALUES ARE TIED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM (GRID), WEST ZONE NORTH AMERICAN DATUM 1983-1991, ADJUSTMENT 1990, AND WERE DERIVED FROM COORDINATES PROVIDED BY THE CLIENT.
 - a. HORIZONTAL CONTROL POINT No.1: FOP 3/4", N=1241321.12, E=410658.22
 - b. HORIZONTAL CONTROL POINT No.2: FOP 5/8" PLS 2550", N=1241405.45, E=410615.01
 10. ELEVATIONS SHOWN HEREON ARE IN FEET AND REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (N.A.V.D.) BENCHMARKS USED WERE PROVIDED BY CLIENT.
 - a. REFERENCE BENCHMARK No.1: FOUND NAIL & DISK STAMPED "TRAV PT. SSMC" ELEVATION = 3.31'
 - b. REFERENCE BENCHMARK No.2: FOUND NAIL & DISK STAMPED "TRAV PT. SSMC" ELEVATION = 2.66'
 11. THIS SURVEY IS FOR TOPOGRAPHIC PURPOSES AND IS NOT A BOUNDARY SURVEY.
 12. SURVEY DATE: JULY 29, 2016.

NO.	REVISIONS	BY	DATE

SCALE:	1"=20' (HORIZ.) 1"=2' (VERT.)
DRAWN:	S.A.T.
DESIGNED:	A.E.D.
APPROVED:	W.G.R.

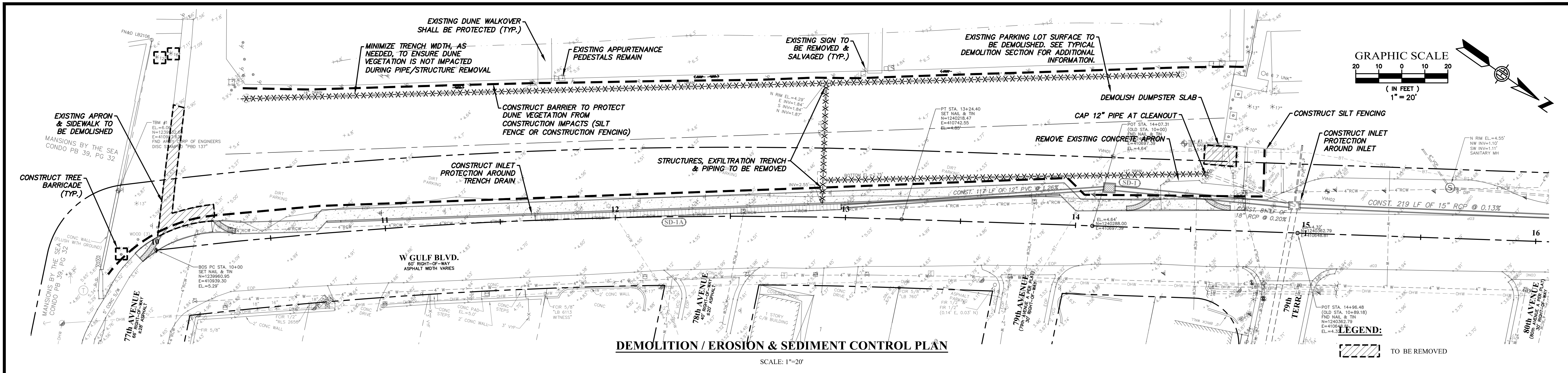
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CITY OF TREASURE ISLAND
SUNSET BEACH PARKING LOT IMPROVEMENTS

CONTROL PLAN

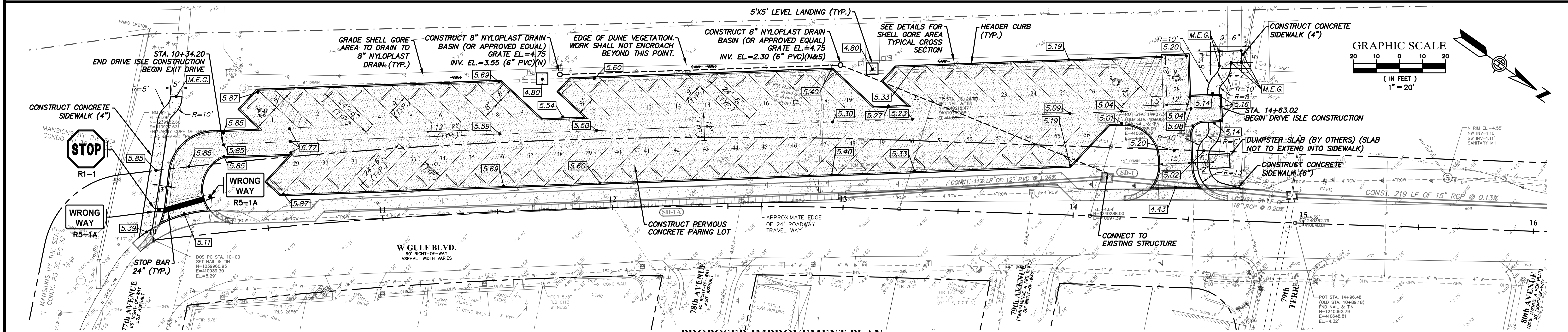
DATE:	8/9/17
PROJECT NO.:	17.TI-69
SHEET NO.:	C3

Date: 11/9/2017 Time: 9:25 AM Filename: \\AED-SERVER\Shared\Folders\CADD\Municipal\Treasure Island\17.TI-69 (Sunset Beach Parking Lot Improvements)\Cadd\Current\TI-69_C3.dwg



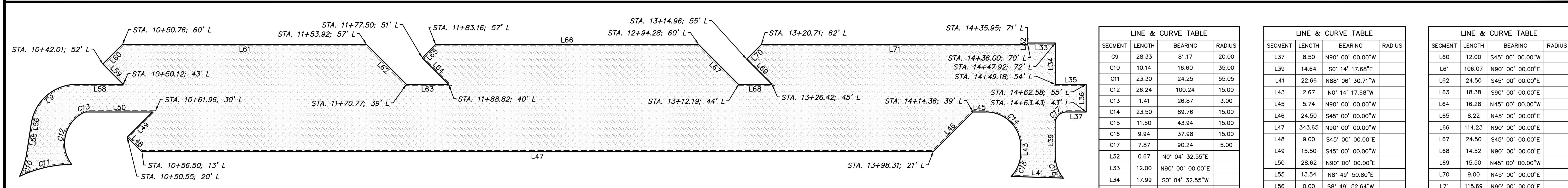
DEMOLITION / EROSION & SEDIMENT CONTROL PLAN

SCALE: 1"=20'



PROPOSED IMPROVEMENT PLAN

SCALE: 1"=20'



PROPOSED PARKING LOT LAYOUT

SCALE: 1"=20'

LINE & CURVE TABLE			
SEGMENT	LENGTH	BEARING	RADIUS
C9	28.33	81.17	20.00
C10	10.14	16.60	35.00
C11	23.30	24.25	55.05
C12	26.24	100.24	15.00
C13	1.41	26.87	3.00
C14	23.50	89.76	15.00
C15	11.50	43.94	15.00
C16	9.94	37.98	15.00
C17	7.87	90.24	5.00
L32	0.67	N0° 04' 32.55"E	
L33	12.00	N90° 00' 00.00"E	
L34	17.99	S0° 04' 32.55"W	
L35	13.43	N90° 00' 00.00"E	
L36	12.00	S0° 00' 00.00"E	

LINE & CURVE TABLE			
SEGMENT	LENGTH	BEARING	RADIUS
L37	8.50	N90° 00' 00.00"W	
L39	14.64	S0° 14' 17.68"E	
L41	22.66	N88° 06' 30.71"W	
L43	2.67	N0° 14' 17.68"W	
L45	5.74	N90° 00' 00.00"W	
L46	24.50	S45° 00' 00.00"W	
L47	343.65	N90° 00' 00.00"W	
L48	9.00	S45° 00' 00.00"E	
L49	15.50	S45° 00' 00.00"E	
L50	28.62	N90° 00' 00.00"E	
L55	13.54	N8° 49' 50.80"E	
L56	0.00	S8° 49' 52.64"W	
L58	20.15	N90° 00' 00.00"E	
L59	12.50	N45° 00' 00.00"W	

LINE & CURVE TABLE			
SEGMENT	LENGTH	BEARING	RADIUS
L60	12.00	S45° 00' 00.00"W	
L61	106.07	N90° 00' 00.00"E	
L62	24.50	S45° 00' 00.00"E	
L63	18.38	S90° 00' 00.00"E	
L64	16.28	N45° 00' 00.00"W	
L65	8.22	N45° 00' 00.00"E	
L66	114.23	N90° 00' 00.00"E	
L67	24.50	S45° 00' 00.00"E	
L68	14.52	N90° 00' 00.00"E	
L69	15.50	N45° 00' 00.00"W	
L70	9.00	N45° 00' 00.00"E	
L71	115.69	N90° 00' 00.00"E	

NO.	REVISIONS	BY	DATE

SCALE: 1"=20'
 DRAWN: S.A.T.
 DESIGNED: A.E.D.
 APPROVED: W.G.R.

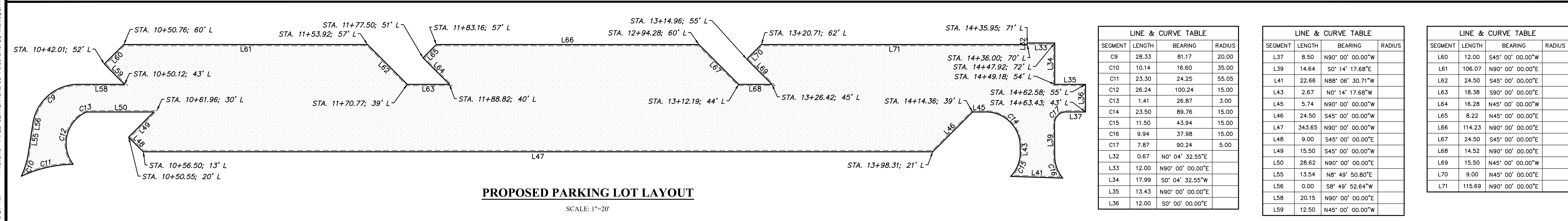
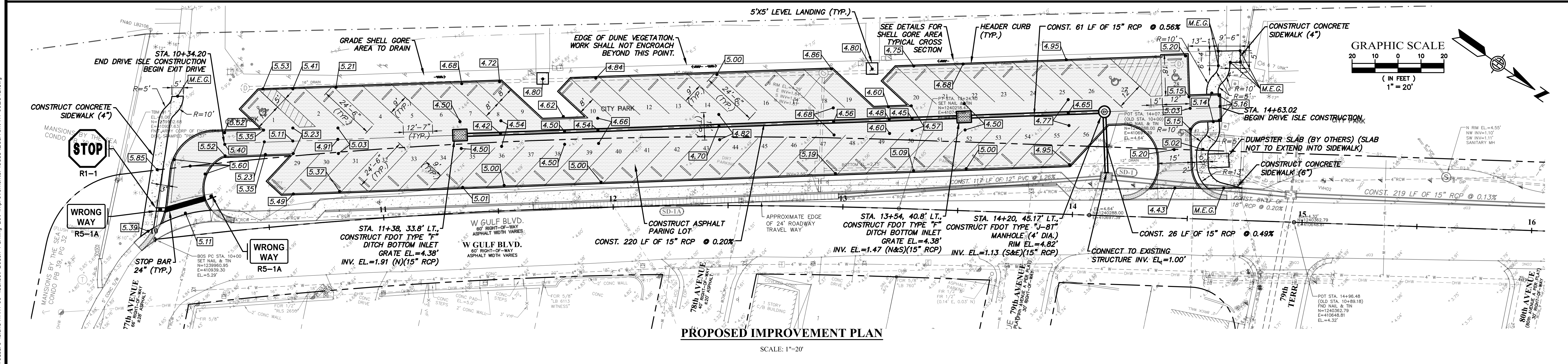
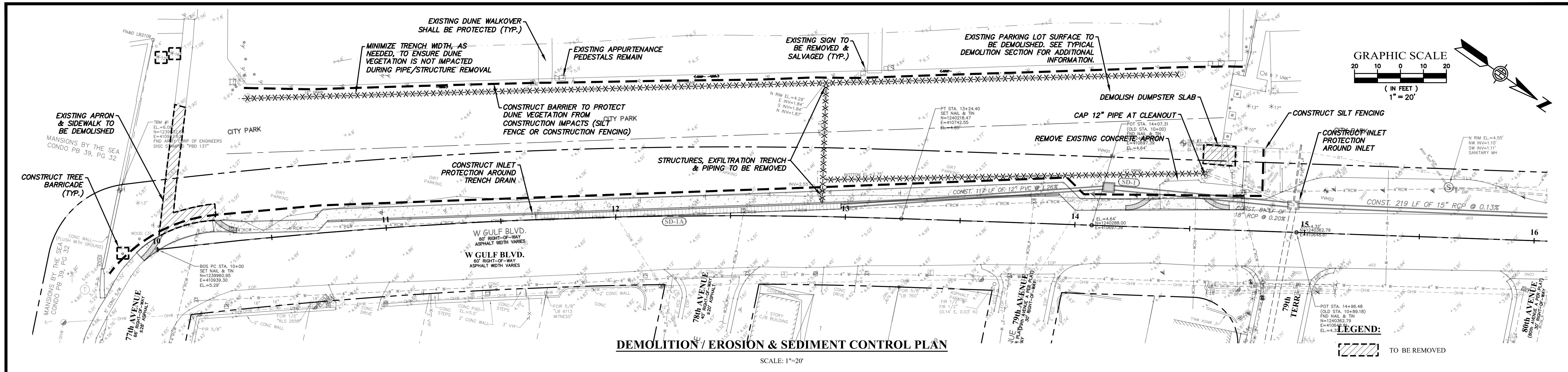
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CITY OF TREASURE ISLAND
SUNSET BEACH PARKING LOT
IMPROVEMENTS

TERN LOT
(PERVIOUS CONCRETE OPTION)

DATE: 11/8/17
 PROJECT NO: 17.TI-69
 SHEET NO: **C4A**

Date: 11/9/2017 Time: 9:26 AM Filename: \\AED-SERVER\Shared Folders\CADD\Municipal\Treasure Island\17-TI-69 (Sunset Beach Parking Lot Improvements)\Cadd\C4A-C5.dwg



SEGMENT	LENGTH	BEARING	RADIUS
C9	28.33	81.17	20.00
C10	10.14	16.60	35.00
C11	23.30	24.25	55.05
C12	26.24	100.24	15.00
C13	1.41	26.87	3.00
C14	23.50	89.76	15.00
C15	11.50	43.94	15.00
C16	9.94	37.98	15.00
C17	7.87	90.24	5.00
L32	0.67	N0° 04' 32.55\"/>	

SEGMENT	LENGTH	BEARING	RADIUS
L37	8.50	N90° 00' 00.00\"/>	

SEGMENT	LENGTH	BEARING	RADIUS
L60	12.00	S45° 00' 00.00\"/>	

NO.	REVISIONS	BY	DATE

SCALE: 1"=20'
 DRAWN: S.A.T.
 DESIGNED: A.E.D.
 APPROVED: W.G.R.

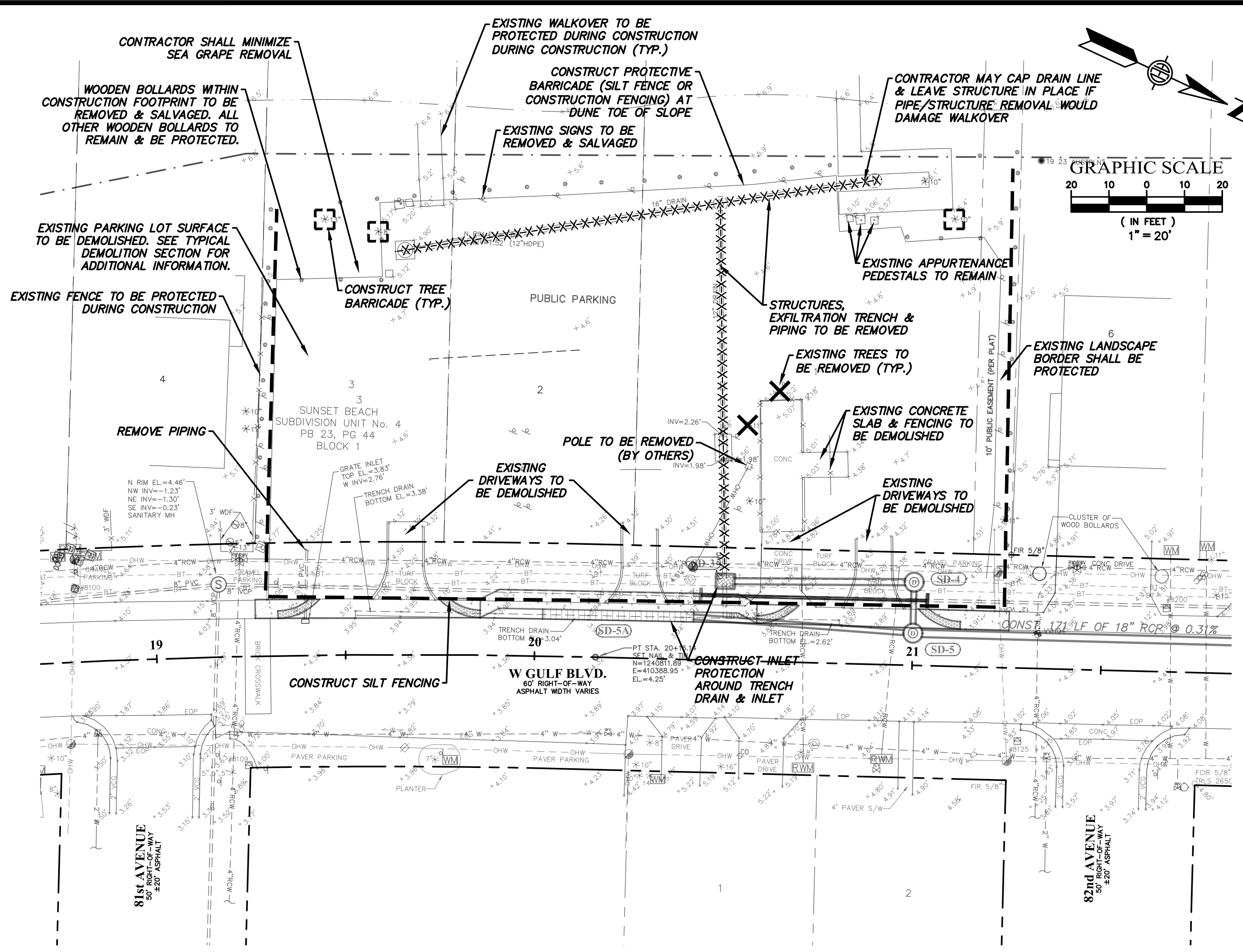
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CITY OF TREASURE ISLAND
SUNSET BEACH PARKING LOT IMPROVEMENTS

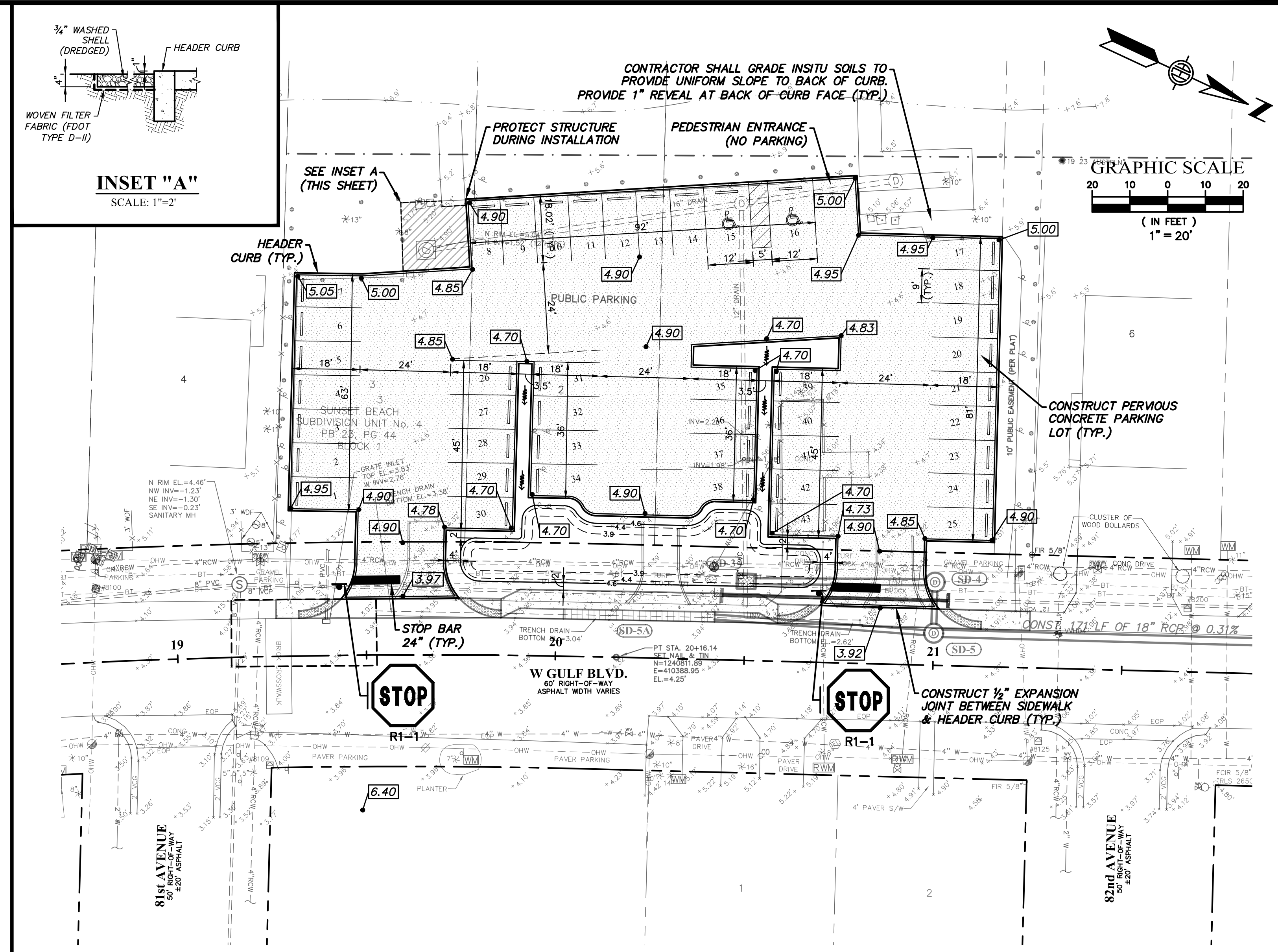
TERN LOT (ASPHALT OPTION)

DATE: 10/27/17
 PROJECT NO: 17.TI-69
 SHEET NO: **C4B**

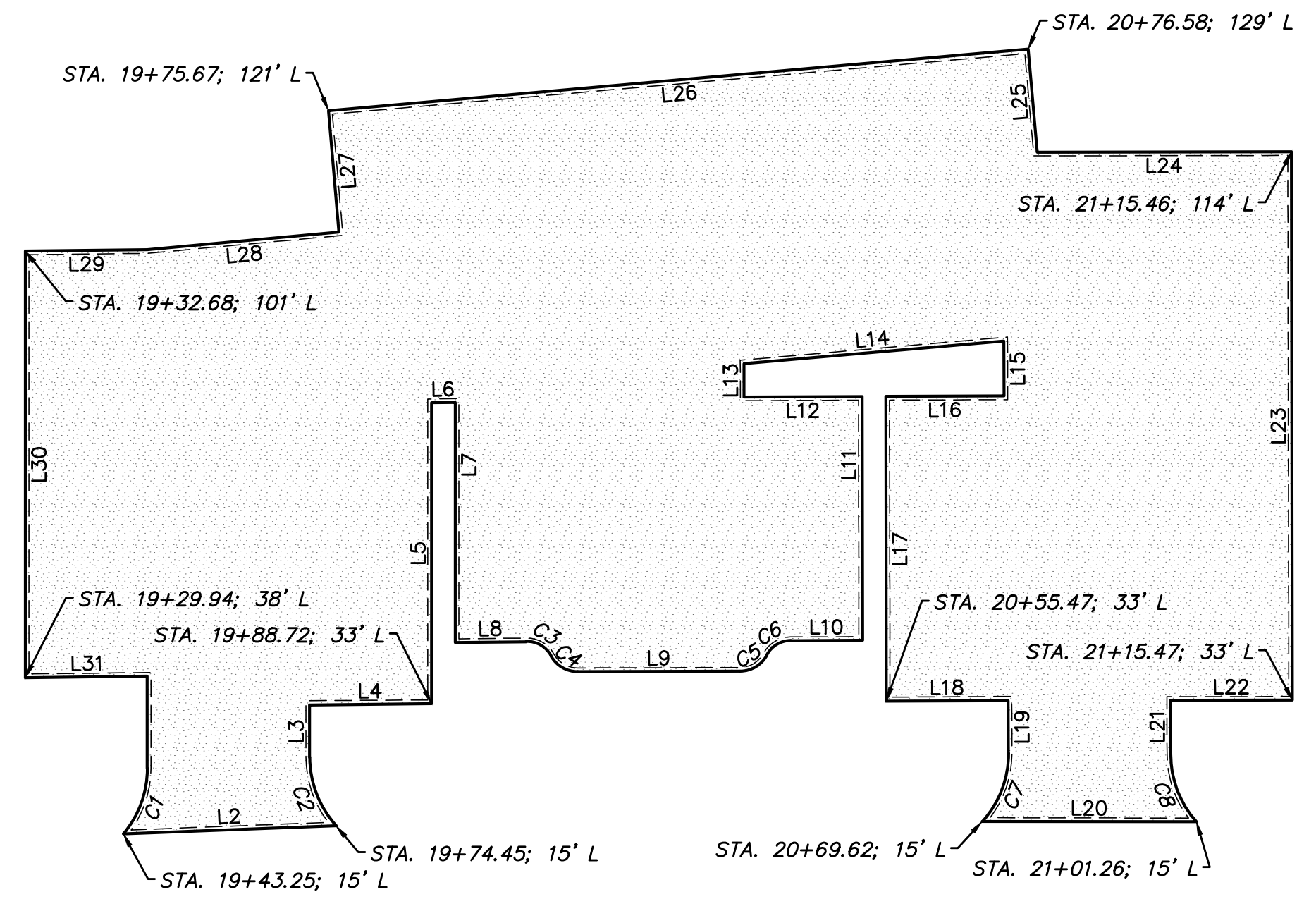
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DEMOLITION / EROSION & SEDIMENT CONTROL PLAN
SCALE: 1"=20'



PROPOSED IMPROVEMENT PLAN
SCALE: 1"=20'



PROPOSED PARKING LOT LAYOUT
SCALE: 1"=20'

LINE & CURVE TABLE			
SEGMENT	LENGTH	BEARING	RADIUS
C1	10.49	40.07	15.00
C2	11.07	42.27	15.00
C3	4.40	63.10	4.00
C4	4.82	61.35	4.50
C5	4.86	61.93	4.50
C6	4.32	61.93	4.00
C7	11.00	42.02	15.00
C8	10.89	41.60	15.00
L2	31.44	S87° 48' 35.24"W	
L3	7.75	S0° 00' 00.00"W	
L4	18.00	S89° 22' 25.84"W	
L5	44.46	S0° 00' 00.00"E	
L6	3.50	S89° 22' 25.84"W	
L7	35.48	N0° 00' 00.00"E	
L8	10.48	S89° 18' 49.11"W	
L9	24.00	S89° 51' 16.01"W	
L10	10.63	S89° 45' 39.24"W	
L11	36.01	S0° 05' 52.16"E	
L12	17.46	N89° 47' 15.81"E	
L13	4.92	S0° 05' 52.16"E	

LINE & CURVE TABLE			
SEGMENT	LENGTH	BEARING	RADIUS
L14	38.56	S85° 01' 36.60"W	
L15	8.12	N0° 05' 52.16"W	
L16	17.46	N89° 47' 15.81"E	
L17	45.00	N0° 05' 52.16"W	
L18	18.00	S89° 47' 15.81"W	
L19	7.78	N0° 05' 52.16"W	
L20	31.64	N89° 53' 06.47"W	
L21	7.98	S0° 05' 52.16"E	
L22	18.00	S89° 54' 07.84"W	
L23	81.00	S0° 05' 52.16"E	
L24	37.58	N89° 54' 07.84"E	
L25	15.28	S4° 58' 23.40"E	
L26	103.79	N84° 58' 22.23"E	
L27	17.99	N4° 58' 23.40"W	
L28	28.45	N84° 45' 04.78"E	
L29	18.00	N89° 18' 49.11"E	
L30	63.00	N0° 00' 00.00"E	
L31	18.00	S89° 18' 49.11"W	

NO.	REVISIONS	BY	DATE

SCALE:	1"=20' (HORIZ.) 1"=2' (VERT.)
DRAWN:	S.A.T.
DESIGNED:	A.E.D.
APPROVED:	W.G.R.

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CITY OF TREASURE ISLAND
SUNSET BEACH PARKING LOT IMPROVEMENTS

RING-BILLED GULL LOT

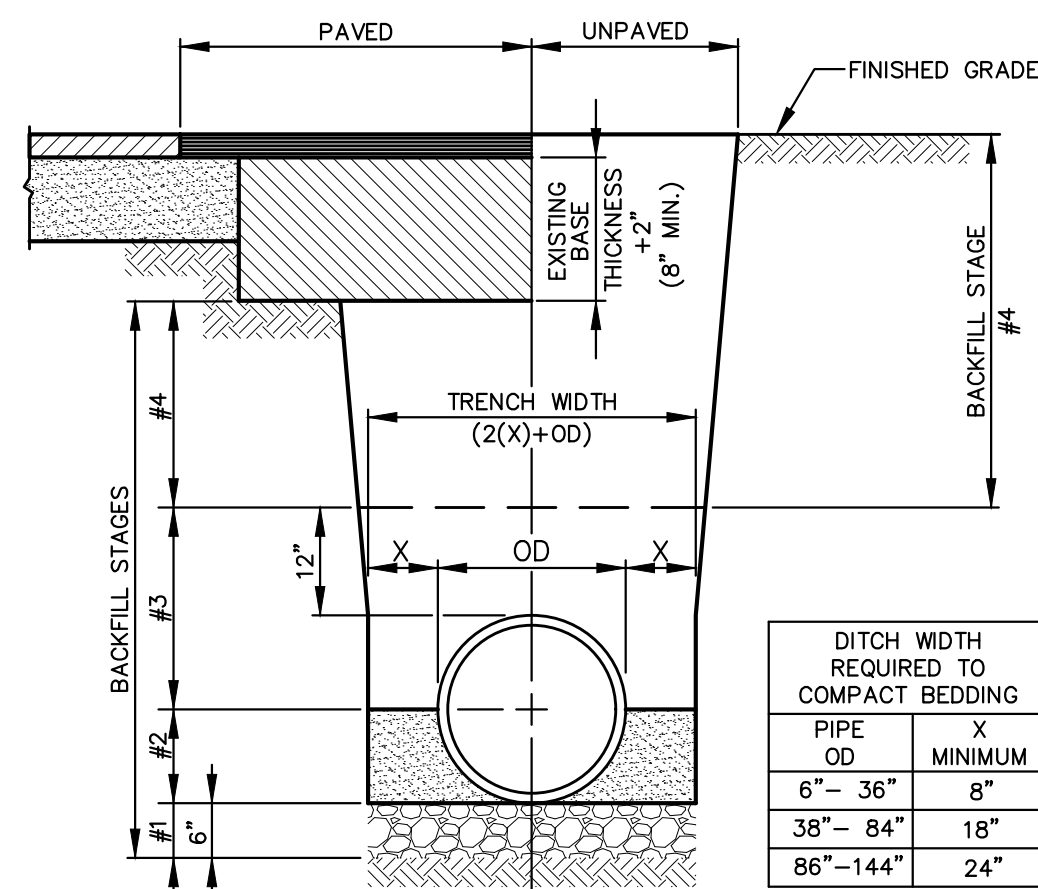
DATE:	9/14/17
PROJECT NO.:	17.TI-69
SHEET NO.:	C5

Date: 11/9/2017 Time: 9:28 AM File: \\AED-SERVER\Shared\Folders\CADD\Municipal\Treasure Island\17.TI-69 (Sunset Beach Parking Lot Improvements)\Cadd\Currant\1169_C4A-C5.dwg

NOTES FOR STORM STRUCTURES

- FOR APPLICABLE RING AND COVER, SEE STANDARD DETAIL - MANHOLE RING AND COVER CASTING. (NON FDOT STRUCTURES).
- STORM STRUCTURES SHALL NOT HAVE OUTSIDE DROP CONNECTIONS.
- PROVIDE MINIMUM 8" SOLID WALL BETWEEN ALL OPENINGS FOR PIPES. SEAL BETWEEN PIPE AND STRUCTURE WITH NON SHRINK GROUT.
- ALL BRICK SHALL BE CONCRETE OR CLAY BRICK AND SHALL HAVE A MINIMUM 3/4" CEMENT PLASTER COATING ON ALL SURFACES.
- BENCH SHALL SLOPE @ 1:12 MINIMUM.
- PRIOR TO PRECASTING STRUCTURES THE PRECASTER SHALL SUBMIT SITE SPECIFIC INDIVIDUAL SHOP DRAWINGS FOR APPROVAL. SHOP DRAWINGS SUBMITTED FOR NONSTANDARD STRUCTURES OR STRUCTURES THAT DEVIATE FROM THE STANDARD DETAILS MUST BE DESIGNED AND CERTIFIED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.
- PRECAST MANHOLES SHALL CONSIST OF A LIMITED NUMBER OF SECTIONS, AS APPROVED BY THE ENGINEER.
- ALL PRECAST STRUCTURES SHALL HAVE AN INTEGRAL FLOOR AND BASE RISER SECTION.
- FOR PRECAST STRUCTURE JOINT ASSEMBLY, SEE STANDARD DETAIL - PRECAST STRUCTURE JOINT ASSM.
- ALL EXPOSED EDGES TO HAVE 3/4" CHAMFER.
- A PROTECTIVE COATING SHALL BE APPLIED TO THE INSIDE AND OUTSIDE SURFACES OF INLETS, CATCH BASINS, MANHOLES AND ALL OTHER DRAINAGE STRUCTURES. THE PROTECTIVE COATING SHALL COVER THE COMPLETE EXTERIOR AND INTERIOR SURFACE OF THE STRUCTURE (INCLUDING CONE SECTIONS, RISERS, AND INVERT) FROM THE BOTTOM SLAB TO THE GROUND SURFACE EXCLUDING THE COVER CASTING, LID, AND THE HORIZONTAL PLANE OF THE PIPE PENETRATIONS OR CUT OPENINGS. THE UNDERSIDE OF THE BOTTOM SLAB MAY ALSO BE EXCLUDED AT THE CONTRACTOR'S OPTION. THE PROTECTIVE COATING SHALL BE ONE COAT OF COAL TAR EPOXY, KOP-COAT BITUMASTIC 300-M OR APPROVED EQUAL. THE COATING SHALL YIELD A FINAL DRY THICKNESS OF 9 MILS.
- ALL REINFORCING STEEL SHALL HAVE A MINIMUM 2" CONCRETE COVER.
- ADDITIONAL REINFORCEMENT IS REQUIRED IN THOSE STRUCTURE WALLS WITH OPENINGS FOR PIPE OR CULVERT. THE VERTICAL AND HORIZONTAL WALL REINFORCEMENT DISPLACED DUE TO OPENINGS SHALL BE REPLACED WITH ADDITIONAL REINFORCEMENT BARS ABOVE, BELOW, AND ON BOTH SIDES OF OPENING EQUAL IN AREA TO THOSE DISPLACED. REPLACEMENT REINFORCEMENT SHALL BE PLACED WITH 3" CLEARANCES.

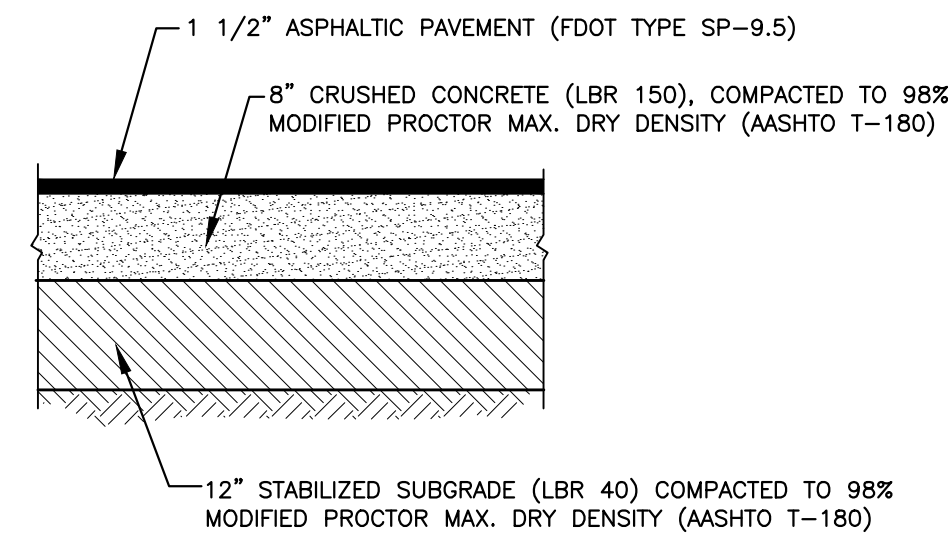
1 STORM STRUCTURE NOTES
NOT TO SCALE



SCHEDULE	
STAGE	MATERIAL
#1	BEDDING: FDOT NO. 57 STONE WITH WATERSTOP @ 100' INTERVALS.
#2	PIPE BEDDING: LOCAL SAND
#3	PIPE BACKFILL: LOCAL SAND TO 12" ABOVE TOP OF PIPE
#4	TRENCH BACKFILL: PAVED ROADWAYS--IN 6" LIFTS UNPAVED ROADWAYS--IN 6" LIFTS GRASS SURFACE--IN 12" LIFTS

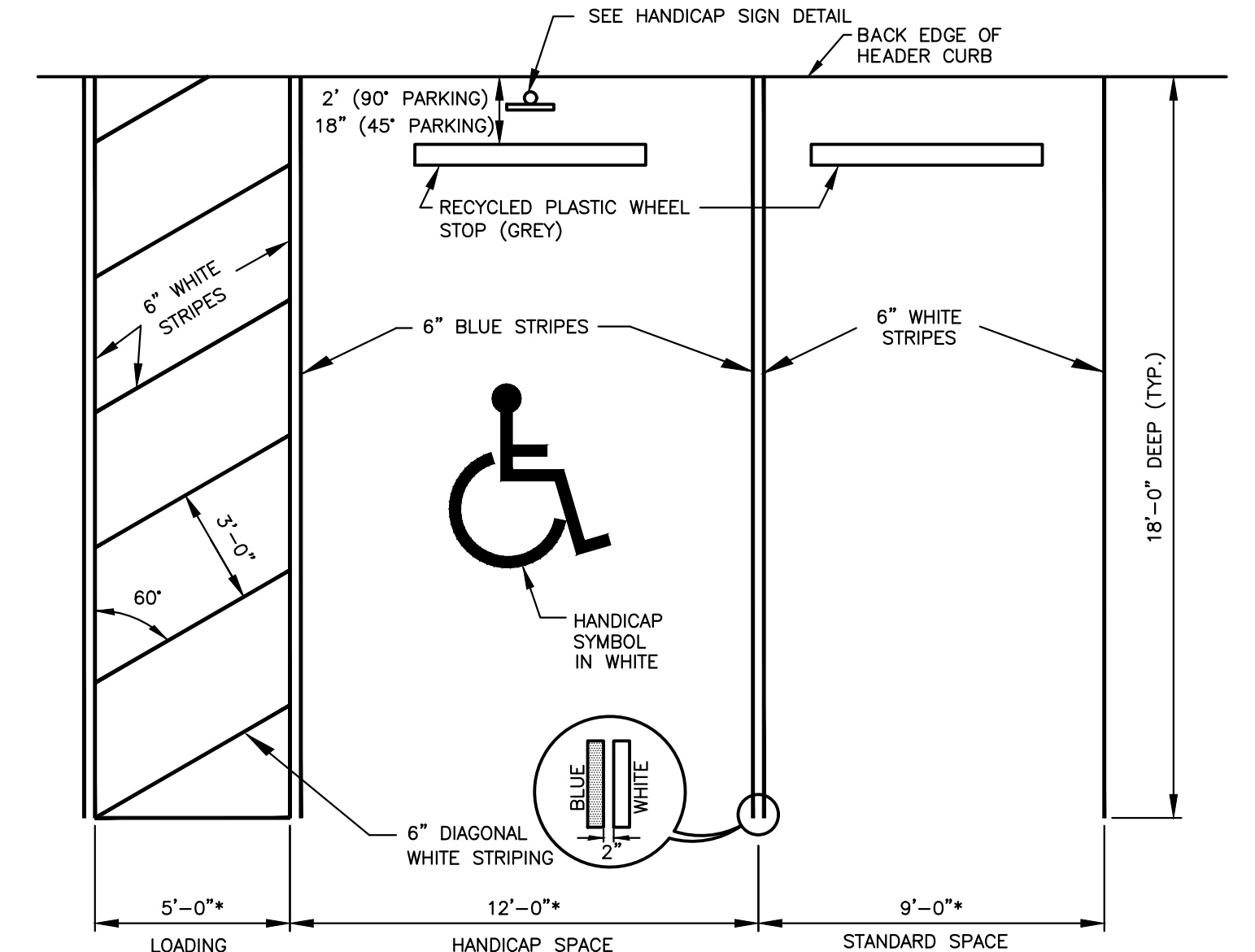
- NOTES:**
- ALL BACKFILL SHALL BE PLACED IN LIFTS AND COMPACTED AS PER SPECIFICATION.
 - THIS DETAIL IS APPLICABLE FOR CIRCULAR, ELLIPTICAL & RECTANGULAR PIPES.
 - ROADWAY BASE MATERIAL SHALL BE CRUSHED CONCRETE (COMPACTED TO 98% MAX. DRY DENSITY) PER FDOT SPECIFICATION SECTION 911.

2 PIPE BEDDING DETAIL
NOT TO SCALE



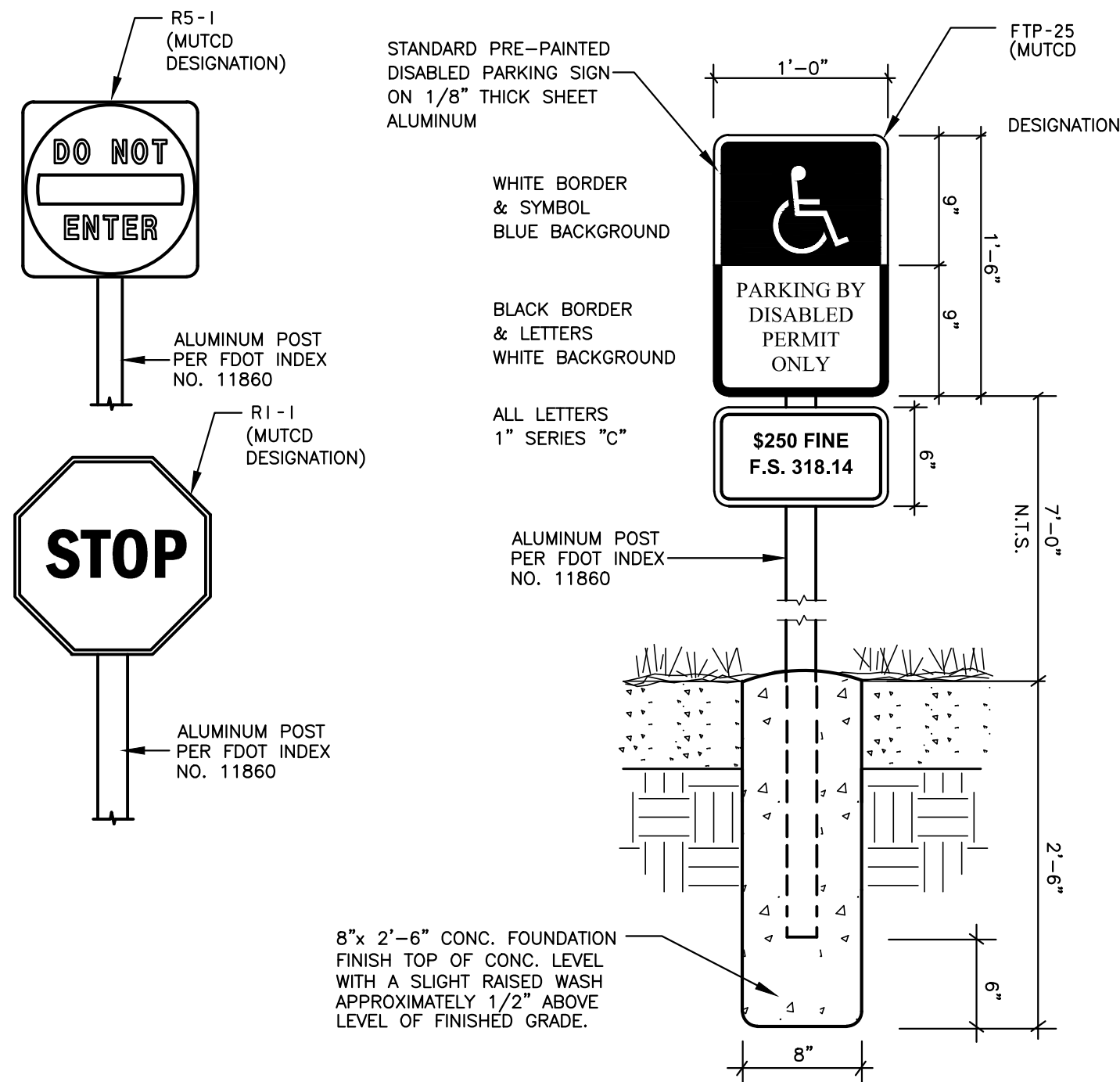
- NOTES:**
- ASPHALT MATERIALS, CONSTRUCTION AND TESTING SHALL MEET ALL APPLICABLE FDOT SPECIFICATIONS.
 - BASE MATERIALS AND CONSTRUCTION SHALL BE PER FDOT SPECIFICATION SECTION 911, AND OTHER APPLICABLE SECTIONS.
 - SUBGRADE STABILIZATION SHALL BE PER FDOT SPECIFICATIONS SECTION 160.
 - DENSITY REQUIREMENTS SHALL BE AS INDICATED ABOVE.

3 TYPICAL ASPHALT PAVEMENT SECTION (TERN LOT)
NOT TO SCALE



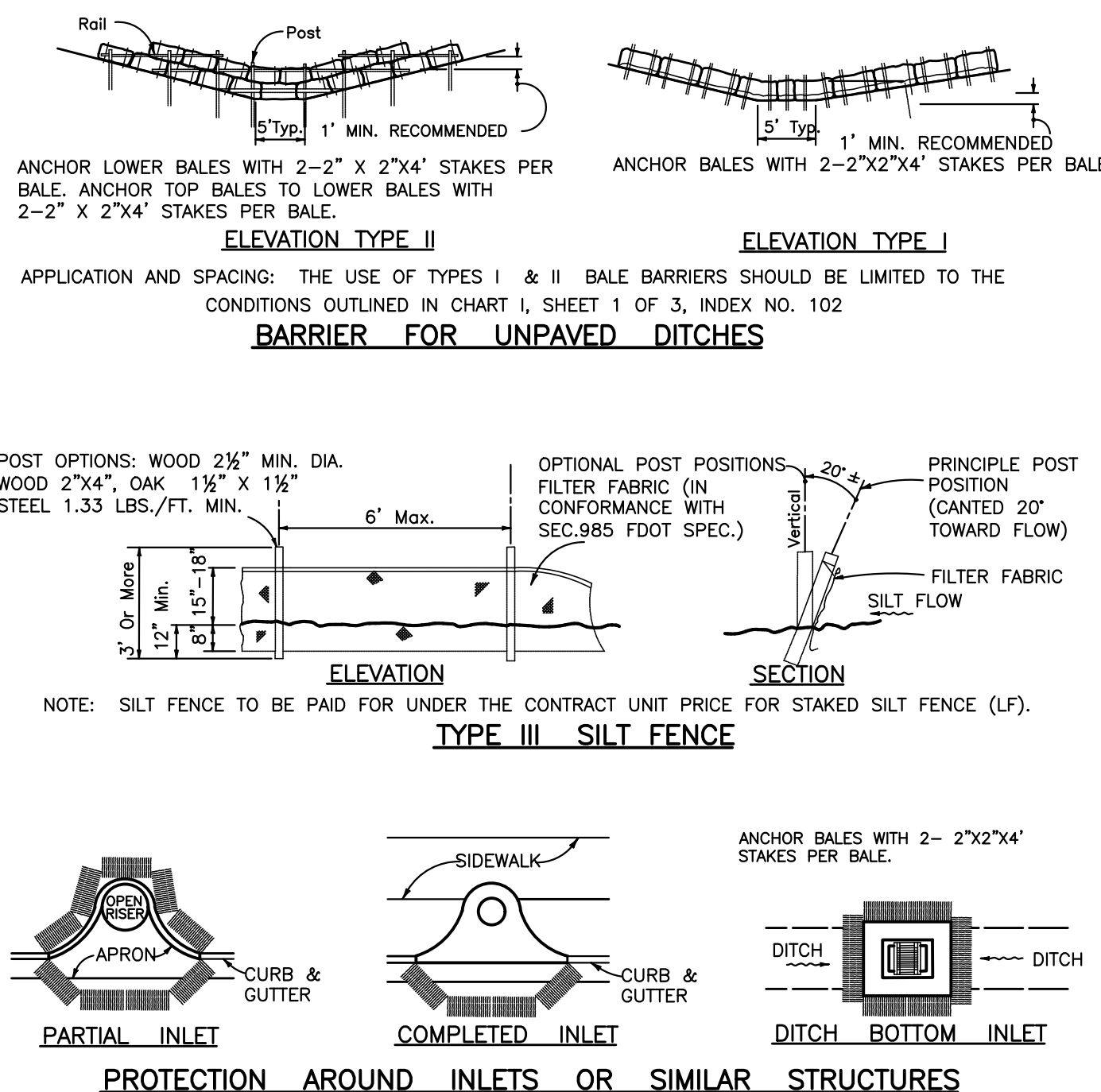
- NOTES:**
- HANDICAP SIGNS SHALL BE MOUNTED AT 7' (PAVEMENT TO BOTTOM OF SIGN).
 - IN AREAS WHERE HANDICAP SIGNS CAN NOT BE PLACED BEHIND THE SIDEWALK, THEY SHALL BE SET BETWEEN THE FACE OF SIDEWALK AND THE PRECAST CONCRETE WHEEL STOP. (AS SHOWN ABOVE)
 - WHEEL STOPS SHALL BE INSTALLED AT ALL SPACES.
 - FOR PERVIOUS CONCRETE SURFACES ALL STRIPING SHALL BE PAINTED PER FDOT SPECIFICATION SECTION 710. THIS INCLUDES STOP BARS.
 - FOR ASPHALT SURFACES, ALL STRIPING SHALL BE THERMOPLASTIC PER FDOT SPECIFICATION SECTION 711. THIS INCLUDES STOP BARS.

4 TYPICAL PARKING SPACE DETAILS
NOT TO SCALE



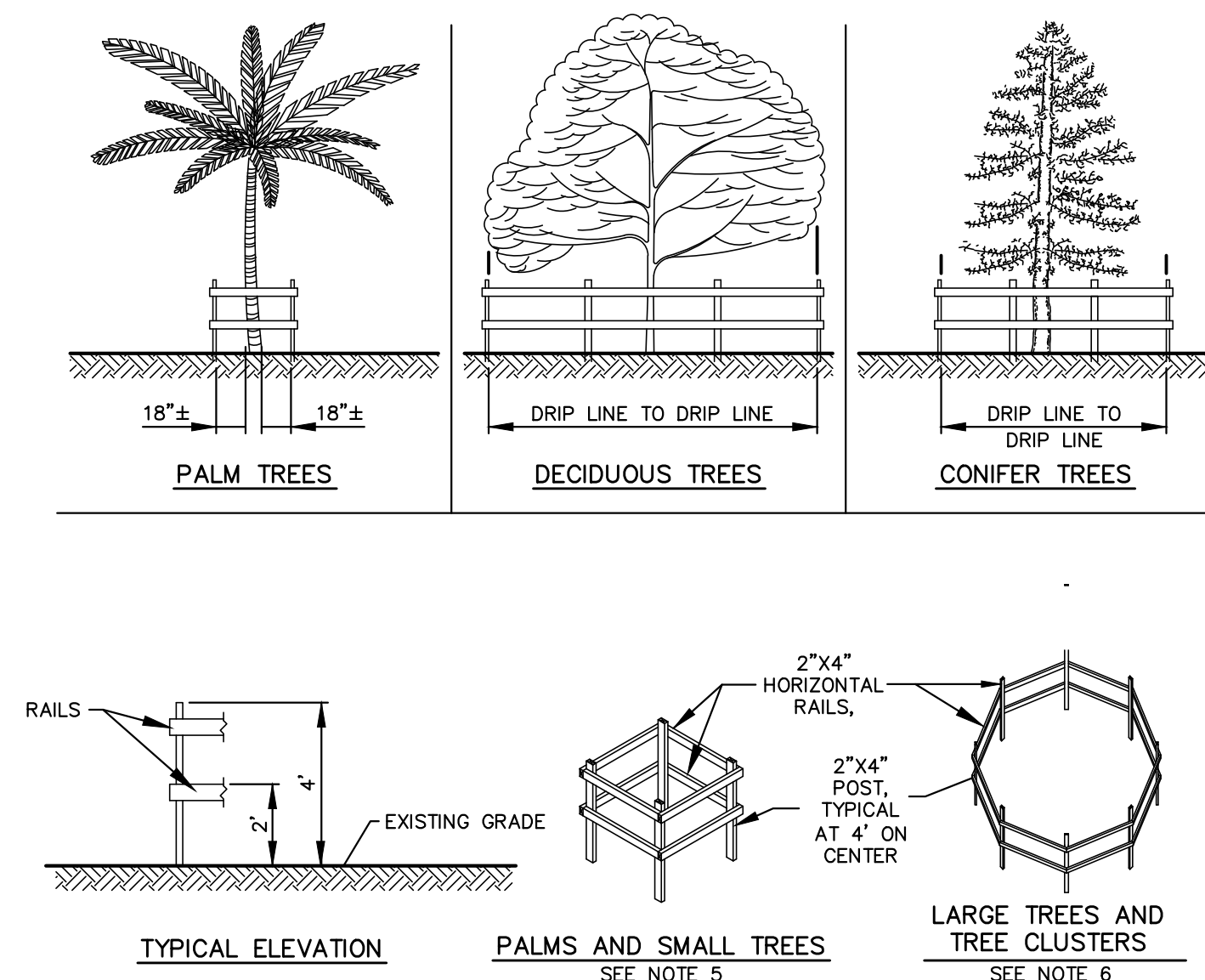
- NOTES:**
- SEE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS INDEX NO. 600 AND THE FEDERAL HIGHWAY ADMINISTRATIONS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" FOR ADDITIONAL DETAILS.
 - SIGN AND POST MATERIALS AND CONSTRUCTION SHALL BE PER FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

5 SIGN DETAILS
NOT TO SCALE



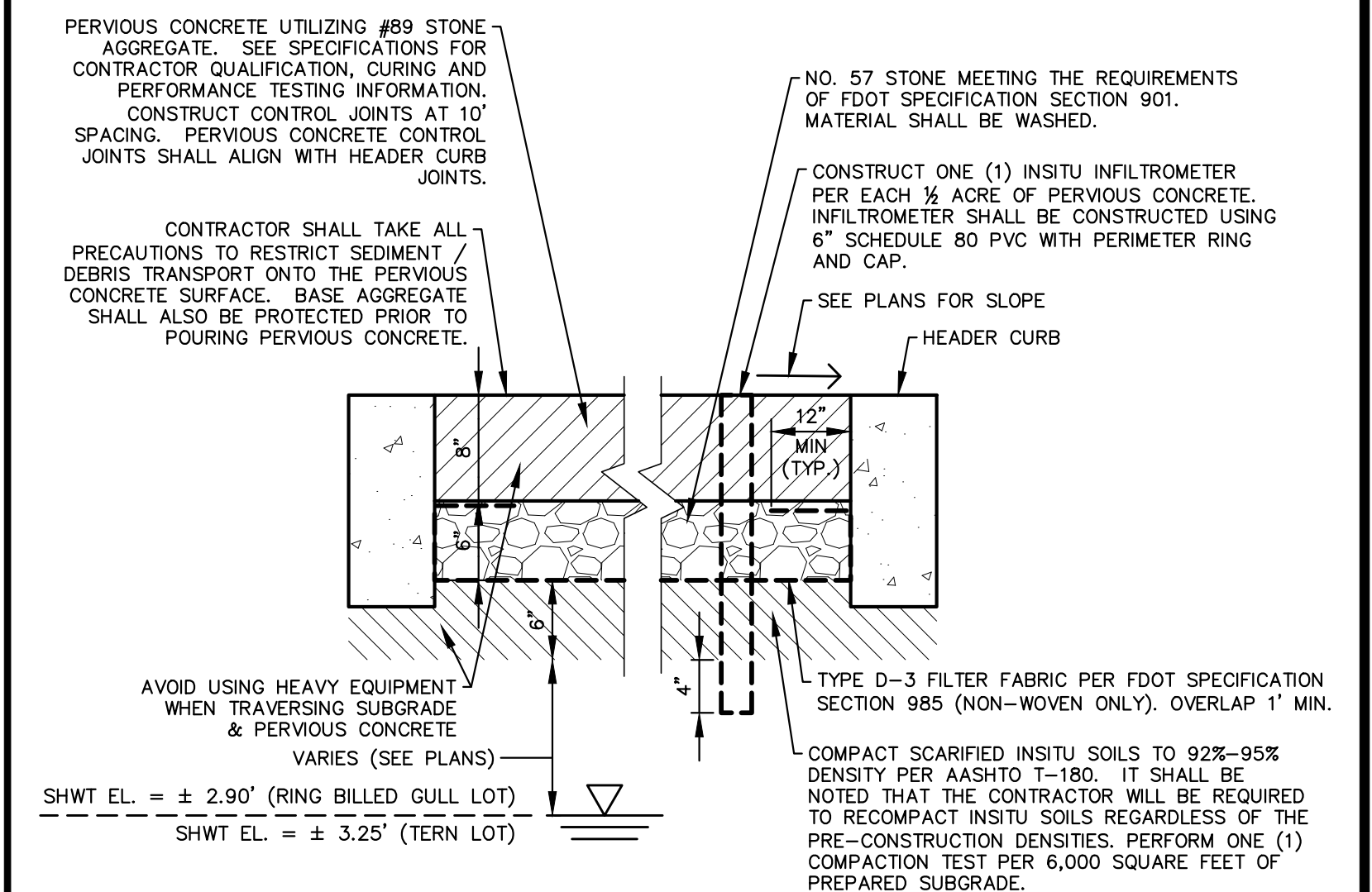
- NOTES:**
- EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED THROUGHOUT CONSTRUCTION TO PREVENT THE INFILTRATION OF PROJECT SITE SOILS INTO A PUBLIC DRAINAGE SYSTEM.
 - FOR ADDITIONAL DETAIL, REFER TO F.D.O.T. INDEX #102, 103, AND 104. (2010 DESIGN STANDARDS).

6 EROSION CONTROL DEVICES
NOT TO SCALE



- NOTES:**
- NO TRUCKS OR HEAVY EQUIPMENT ALLOWED WITHIN BARRIERS. ONLY HAND LABOR ALLOWED.
 - NO CONSTRUCTION MATERIALS, SOIL DEPOSITS, OR SOLVENTS SHALL BE ALLOWED INSIDE BARRIERS.
 - BARRIERS ARE TO BE IN PLACE PRIOR TO ANY CONSTRUCTION ACTIVITIES NEAR TREES.
 - BARRIERS ARE TO REMAIN IN PLACE UNTIL ALL PAVING, CONSTRUCTION, AND HEAVY EQUIPMENT ARE REMOVED FROM THE AREA.
 - FOR SINGULAR PALM TREES AND TREES FROM 1" TO 8" DBH.
 - FOR LARGER TREES LARGER THAN 8" DBH AND TREE CLUSTERS THAT NEED BARRIERS.

7 TREE PROTECTION FENCE BARRIERS DETAIL
NOT TO SCALE



- SUPERVISION NOTE:**
- ONE (1) CREW MEMBER SHALL BE CERTIFIED AS A "PERVIOUS CONCRETE CRAFTSMAN" BY THE NATIONAL READY MIX CONCRETE ASSOCIATION (NRMCA). THIS MEMBER SHALL BE PRESENT DURING ALL PERVIOUS CONCRETE WORK. ABSENCE OF THIS CERTIFIED CREW MEMBER WILL RESULT IN THE CONTRACTOR NOT BEING PERMITTED TO CONSTRUCT PERVIOUS CONCRETE. PAYMENT WILL NOT BE PROVIDED FOR PERVIOUS SURFACES CONSTRUCTED WITHOUT THIS CREW MEMBER BEING PRESENT.

8 PERVIOUS CONCRETE PAVEMENT TYPICAL SECTION
SCALE: 1"=1'-0"

Date: 11/9/2017 Time: 9:29 AM Filename: \\AED-SERVER\Shared\Folders\CADD\Municipal\Treasure Island\17-TI-69 (Sunset Beach Parking Lot Improvements)\Cadd\Current\Tl-69-C6-C7.dwg

NO.	REVISIONS	BY	DATE

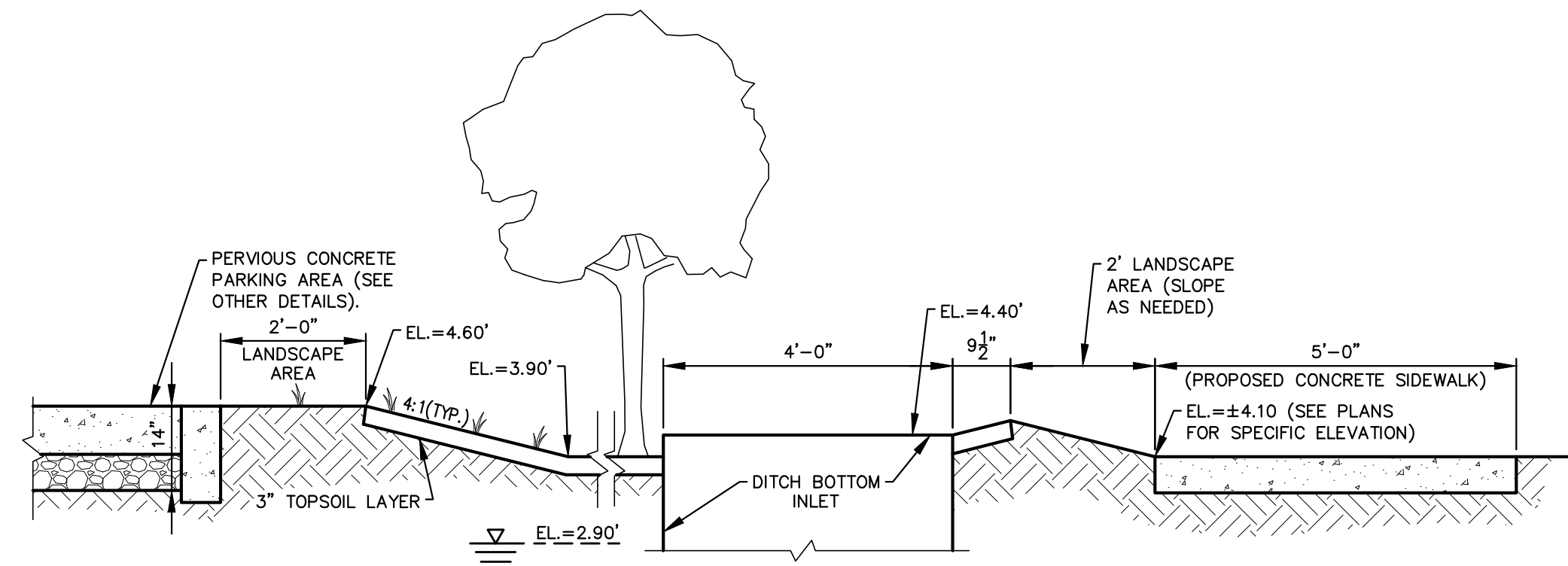
SCALE:	NOT TO SCALE
DRAWN:	S.A.T.
DESIGNED:	J.V.K.
APPROVED:	W.G.R.

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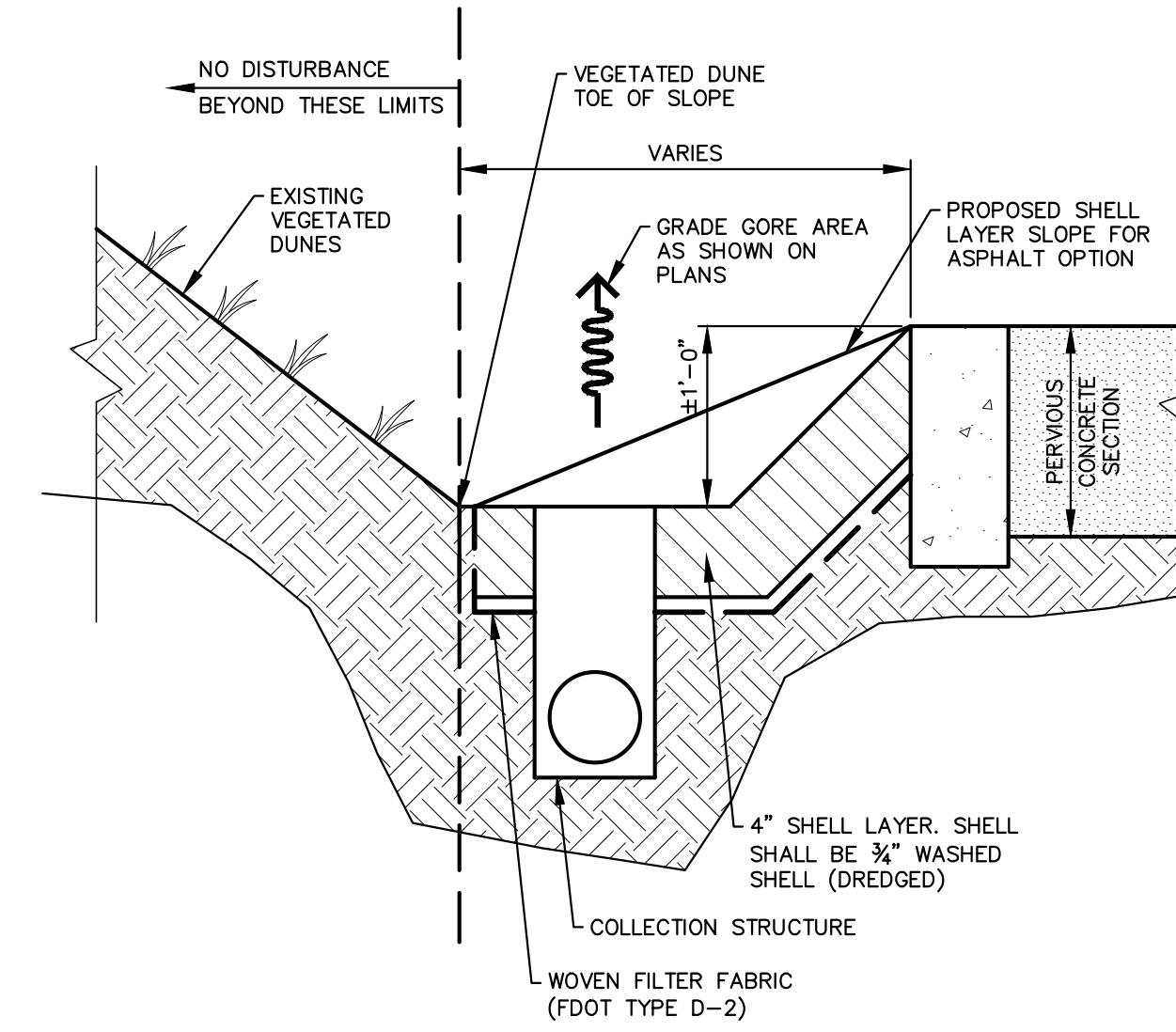
CITY OF TREASURE ISLAND
SUNSET BEACH PARKING LOT IMPROVEMENTS

GENERAL DETAILS

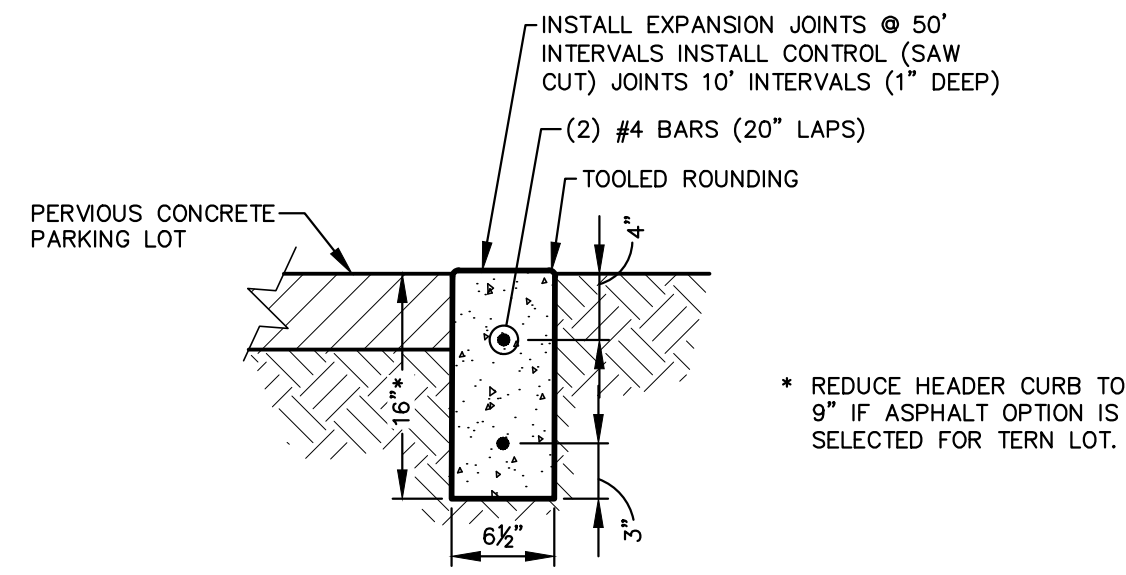
DATE:	11/1/17
PROJECT NO:	17-TI-69
SHEET NO:	C6



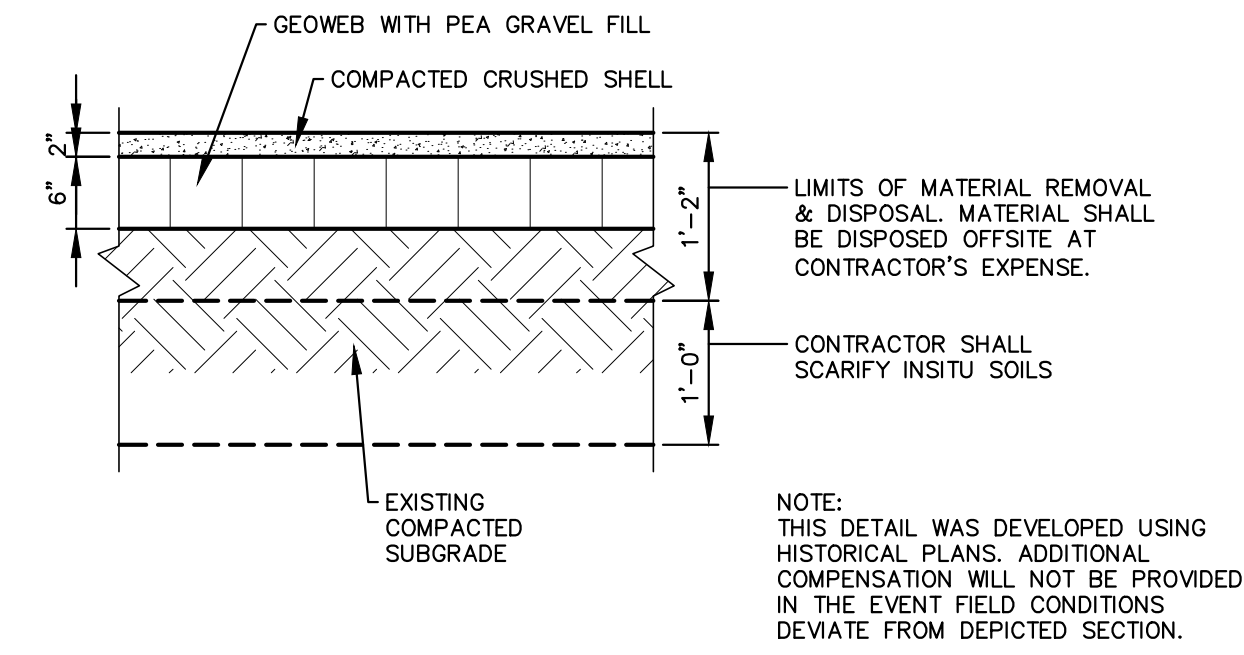
1 RAIN GARDEN TYPICAL SECTION (RING BILLED GULL LOT)
SCALE: 1/2"=1'-0"



4 SHELL GORE AREA TRANSITION (TERN LOT)
SCALE: 1"=1'-0"



2 HEADER CURB DETAIL
NOT TO SCALE



3 EXISTING PARKING LOT DEMOLITION TYPICAL SECTION
SCALE: 3/4"=1'-0"

Date: 11/9/2017 Time: 9:29 AM Filename: \\AED-SERVER\Shored_Folders\CADD\Municipal\Treasure Island\17-TI-69 (Sunset Beach Parking Lot Improvements)\Cadd\Curent\11-69-C6-C7.dwg

NO.	REVISIONS	BY	DATE

SCALE:	AS SHOWN
DRAWN:	S.A.T.
DESIGNED:	J.V.K.
APPROVED:	W.G.R.

ADVANCED
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CITY OF TREASURE ISLAND
SUNSET BEACH PARKING LOT IMPROVEMENTS

GENERAL DETAILS

DATE:	11/1/17
PROJECT NO:	17.TI-69
SHEET NO:	C7