

CITY OF VENICE PARKING LOTS

SITE 3

VENICE CITY COUNCIL

Jeanette Gates - Vice Mayor
Robert Daniels
Jim Bennett
Thomas "Kit" McKeon
Emilio Carlesimo
Deborah Anderson

MAYOR

John Holic

CITY MANAGER

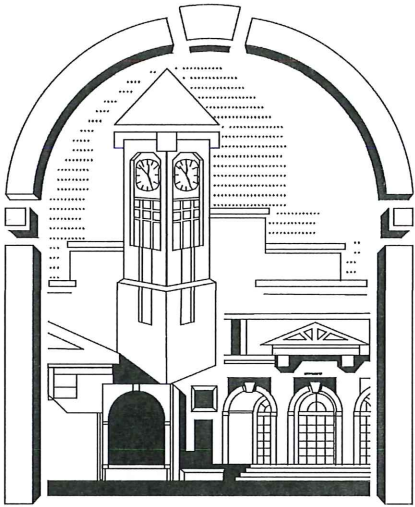
Edward Lavallee

UTILITIES DIRECTOR

Timothy Hochuli, P.E.

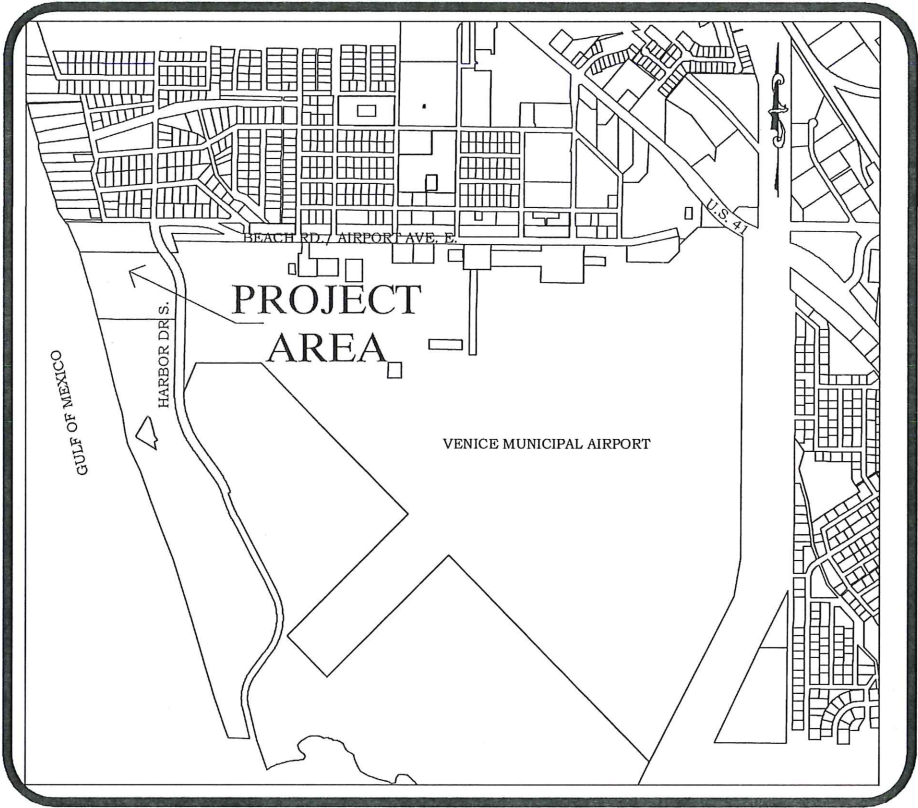
CITY ENGINEER

Kathleen J. Weeden, PE, CFM, LEED AP®



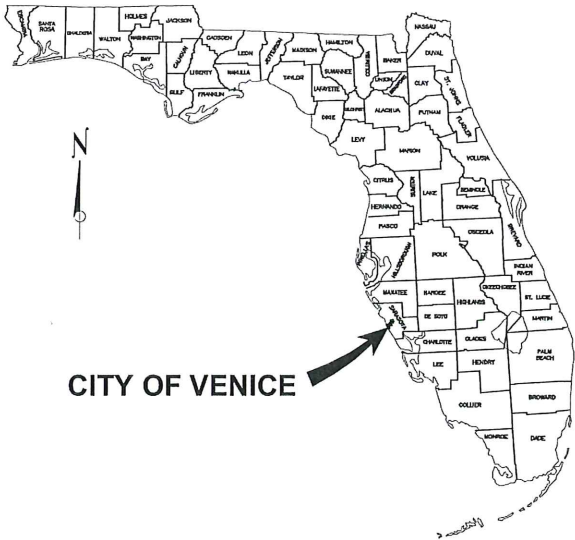
City Of Venice
Engineering Department
401 West Venice Avenue
Venice FL 34285

Ph. 941-486-2626
Fax 941-480-3031



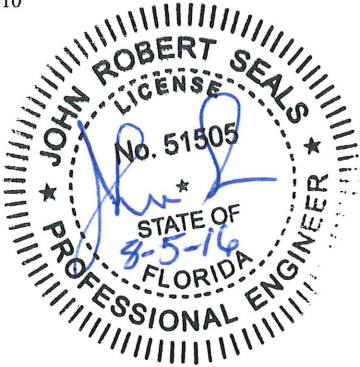
LOCATION MAP

BID PLANS 7/14/2016



King
ENGINEERING ASSOCIATES, INC.

4921 Memorial Highway
One Memorial Center, Suite 300
Tampa, Florida 33634
Phone 813 880-8881
Fax 813 880-8882
www.kingengineering.com
Engineering License #2610

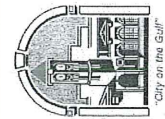


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CALL SUNSHINE
1-800-432-4770 or 811
IT'S THE LAW IN FLORIDA
FL. STATUTE 553.951 (1979) REQUIRES
MIN. OF 2 DAYS AND MAX. OF 5 DAYS
NOTICE BEFORE YOU EXCAVATE.

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CITY OF VENICE PARKING LOTS
TITLE PAGE
SITE 3

CITY OF VENICE
ENGINEERING DEPARTMENT
401 WEST VENICE AVE.
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FILE NO.
4799-100-002
SHEET 1 OF 10

GENERAL NOTES

1. GOVERNING STANDARDS AND SPECIFICATIONS:

- F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 2015
- F.D.O.T. ROADWAY PLANS PREPARATION MANUAL VOLUME I, JANUARY 2014
- F.D.O.T. DESIGN STANDARDS, 2015, UNLESS OTHER STANDARD IS SPECIFICALLY SPECIFIED IN THE PLANS.

2. MATERIALS INTERFERING WITH CONSTRUCTION, AND ALL OUT OF SERVICE UTILITY LINES, PIPES, STRUCTURES AND OTHER SUBTERRANEAN OBJECTS TO BE REMOVED, SHALL BE DISPOSED OF AS DIRECTED BY THE ENGINEER. ALL MATERIALS NOT CLAIMED BY THE OWNER SHALL BE DISPOSED OF AT THE CONTRACTOR'S EXPENSE IN AREAS PROVIDED BY THE CONTRACTOR.

3. CONSTRUCTION ACTIVITIES SHOULD BE LIMITED TO THE PROJECT'S LIMITS. SODDING REQUIRED AS A RESULT OF CONTRACTOR'S ACTIVITIES OUTSIDE THE RIGHT-OF-WAY/EASEMENTS IS THE CONTRACTOR'S RESPONSIBILITY AND COST.

4. THE CONTRACTOR SHALL ENDEAVOR TO PROTECT PRIVATE PROPERTY. ANY DAMAGE CAUSED BY THE CONTRACTOR IN THE PERFORMANCE OF HIS WORK SHALL BE CORRECTED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE. PAYMENT SHALL NOT BE MADE FOR THIS WORK.

5. ALL GRASSED AREAS WITHIN THE PROJECT LIMITS SHALL BE MOWED AS DIRECTED BY THE ENGINEER.

6. ALL DRAINAGE STRUCTURES WITHIN THE RIGHT-OF-WAY WILL REMAIN UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.

7. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT EXISTING TREES TO BE SAVED REMAIN UNDAMAGED DURING CONSTRUCTION ACCORDING TO THE CONSTRUCTION PLANS REFERENCING LOCAL LANDSCAPE AND LAND ALTERATION ORDINANCE.

8. ALL TRIMMING UNDERTAKEN ON A TREE PROTECTED BY PROVISIONS OF THE LAND DEVELOPMENT CODE SHALL BE PRUNED IN ACCORDANCE WITH THE NATIONAL ARBORIST ASSOCIATION (NAA) PRUNING STANDARDS.

9. THE ENGINEER RESERVES THE RIGHT TO PERFORM QUALITY ASSURANCE TESTING ON ALL MATERIALS DELIVERED TO PROJECT AND TO REJECT ALL MATERIALS NOT MEETING ACCEPTABLE STANDARDS.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE STAKEOUT OF THE PROJECT, I.E. LINE, GRADE, SLOPE STAKE, UTILITY RELOCATIONS OR ANY OTHER STAKEOUT THAT MAY BE REQUIRED TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. ANY AND ALL EXPENSES INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS. NO ADDITIONAL PAYMENT SHALL BE MADE FOR THIS WORK.

11. OVERALL CLEANUP SHALL BE ACCOMPLISHED BY THE CONTRACTOR IN ACCORDANCE WITH CITY STANDARDS OR AS DIRECTED BY THE ENGINEER. ANY AND ALL EXPENSES INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS.

12. ANY U.S.C. & G.S. MONUMENT WITHIN LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, CONTRACTOR SHALL NOTIFY:

DIRECTOR, NATIONAL GEODETIC SURVEY
1315 EAST WEST HIGHWAY
SILVER SPRING, MARYLAND 20910-2382
PHONE: (301) 713-3242

13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION PROTECTION AND SEDIMENT CONTROL THROUGHOUT THE DURATION OF THE CONSTRUCTION PER FDOT INDEX 102, VERSION 2010. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RESTORATION EFFORTS THAT MAY BE REQUIRED.

14. BELOW IS A LIST OF SUPPLIERS OF THE PROJECT'S UTILITIES:

WATER, SEWER, & RECLAIMED
CITY OF VENICE UTILITIES
200 N. WARFIELD AVE
VENICE, FL 34289
TIMOTHY HOCHULI
941-408-5468

TELEPHONE
VERIZON
1701 RINGLING BLVD
SARASOTA, FL 34240
DENISE HUTTON
941-704-9087

ELECTRIC
FLORIDA POWER & LIGHT
1253 12TH AVE EAST
PALMETTO, FL 34221
GREG COKER
O: 941-723-4430
C: 941-704-9087

CABLE TV
COMCAST CABLEVISION OF WEST FLORIDA
5205 FRUITVILLE RD.
SARASOTA, FL 34232
GARY HILL
941-342-3586

15. ANY PUBLIC LAND CORNER 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 ENGINEER SHOULD NOTIFY THE DISTRICT LOCATION SURVEYOR WITHOUT DELAY BY TELEPHONE.

16. ALL PROPOSED CURB RAMPS SHALL RECEIVE A DETECTABLE WARNING DEVICE. CONSTRUCT CURB RAMPS PER FDOT INDEX 304 AND CITY OF VENICE STANDARD DETAILS. DETECTABLE WARNING SHALL BE "BRICK RED" IN COLOR.

17. 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 THIS WORK PRIOR TO CONSTRUCTION AND PRIOR TO MANUFACTURING ANY AND ALL STRUCTURED MANUFACTURED MATERIAL.

18. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE UTILITY COMPANIES PRIOR TO CONSTRUCTION TO OBTAIN FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES. CALL

SUNSHINE ONE CALL CENTER OF FLORIDA AT 1-800-432-4770 TO ARRANGE FIELD LOCATIONS. ALL UTILITY OWNERS MAY NOT BE A MEMBER, REQUIRING DIRECT CONTACT.

19. AT LEAST 10 WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND APPROPRIATE GOVERNMENTAL AGENCIES AND SUPPLY THEM WITH THE CONTRACTOR'S NAME, STARTING DATE, PROJECTED CONSTRUCTION SCHEDULE, ALL REQUIRED SHOP DRAWINGS AND OTHER INFORMATION AS REQUIRED. ANY WORK PERFORMED PRIOR TO NOTIFYING THE ENGINEER OR WITHOUT AN AGENCY INSPECTOR PRESENT MAY BE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.

20. WORK PERFORMED UNDER THIS CONTRACT SHALL INTERFACE SMOOTHLY WITH OTHER WORK BEING PERFORMED ON SITE BY OTHER CONTRACTORS AND UTILITY COMPANIES. IT WILL BE NECESSARY FOR THE CONTRACTOR TO COORDINATE AND SCHEDULE HIS ACTIVITIES WHERE NECESSARY, WITH OTHER CONTRACTORS AND UTILITY COMPANIES.

21. CONTRACTOR IS TO PROVIDE EROSION CONTROL/SEDIMENT BARRIER (HAY BALES OR SILTATION CURTAIN) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS AND WATERWAYS. IN ADDITION, CONTRACTOR SHALL PLACE STRAW, MULCH OR OTHER SUITABLE MATERIAL ON GROUND IN AREAS WHERE CONSTRUCTION RELATED TRAFFIC IS TO ENTER AND EXIT SITE. IF, IN THE OPINION OF THE ENGINEER AND/OR LOCAL AUTHORITIES, EXCESSIVE QUANTITIES OF EARTH ARE TRANSPORTED OFF-SITE EITHER BY NATURAL DRAINAGE OR BY VEHICULAR TRAFFIC, THE CONTRACTOR IS TO REMOVE SAID EARTH TO THE SATISFACTION OF THE ENGINEER AND/OR AUTHORITIES. ALL EROSION CONTROL ITEMS (HAY BALES, SILT FENCE, ETC.) SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.

22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE EXISTING DRAINAGE SYSTEM WITHIN THE LIMITS OF THE PROJECT AREA FOR THE DURATION OF THE PROJECT. NO ADDITIONAL PAYMENT WILL BE MADE FOR THE WORK INVOLVED.

23. THE CONTRACTOR SHALL FURNISH THE ENGINEER WITH COMPLETE SIGNED AND SEALED "AS-BUILT" INFORMATION. THIS "AS-BUILT" INFORMATION SHALL INCLUDE INVERT AND OUTLET PIPE FLOW LINE ELEVATIONS, CONSTRUCTED GRADES, BREAK LOCATIONS, UTILITY LINES AND ELEVATIONS FOR DITCH CONSTRUCTION. NO ENGINEER'S CERTIFICATIONS FOR CERTIFICATE OF OCCUPANCY PURPOSES WILL BE MADE UNTIL THIS INFORMATION IS RECEIVED AND APPROVED BY THE OWNER'S ENGINEER. A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA SHALL ACCOMPLISH THIS WORK AND PROVIDE SIGNED & SEALED ASBUILTS TO THE ENGINEER OF RECORD FOR APPROVAL, PRIOR TO SUBMITTAL OF FINAL SITE INSPECTION REQUEST IN ACCORDANCE WITH PASCO COUNTY STANDARDS. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE COST OF THE NEWLY CONSTRUCTED STRUCTURES.

24. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OF THE COORDINATION OF CONSTRUCTION SCHEDULING BETWEEN THE CONTRACTOR AND ALL UTILITY AGENCIES. THIS INCLUDES MEETING WITH UTILITY AGENCIES PRIOR TO THE PRE-CONSTRUCTION CONFERENCE TO ADJUST SCHEDULES TO COINCIDE WITH THE CONTRACTORS CONSTRUCTION SCHEDULE. (REFERENCE CONTRACT DOCUMENTS.)

MOT PHASING NOTES:

- ALL WORK ZONE TRAFFIC CONTROL (WZTC) DEVICES WILL BE INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION AND PROPERLY MAINTAINED AND OPERATED THROUGHOUT THE PERIOD OF EACH PHASE / STAGE CONSTRUCTION. ALL TEMPORARY SIGNS, PAVEMENT MARKINGS, WARNING DEVICES, WARNING LIGHTS, ETC. NECESSARY FOR THE WZTC SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION) AND THE FDOT DESIGN STANDARDS (LATEST EDITION).
- THE EXISTING POSTED SPEED LIMIT WILL BE MAINTAINED ON MANSFIELD BLVD. WITHIN PROJECT LIMITS UNLESS OTHERWISE NOTED. IF THE CONTRACTOR SHOULD PROPOSE TO LOWER THE SPEED LIMIT THROUGH THE WORK ZONE, THE CONTRACTOR SHALL FIRST OBTAIN APPROVAL FROM THE FDOT OR PASCO COUNTY.

ROADWAY
HARBOR DRIVE SOUTH

REGULATORY SPEED LIMIT
30 MPH

- ALL LANE CLOSURES SHALL CONFORM TO THE REQUIREMENTS OF THE CONSTRUCTION PLANS, FDOT DESIGN STANDARDS (600 & 670 SERIES), AND MUTCD IN ADDITION TO ANY REQUIRED FDOT NOTIFICATION.
- THE CONTRACTOR SHALL MAINTAIN ALL EXISTING PEDESTRIAN OR BICYCLIST TRAFFIC, WHEN AN EXISTING ACCESSIBLE PATH IS LOCATED WITHIN THE WZTC PROJECT LIMITS. THIS SHALL BE REQUIRED AT ALL TIMES DURING THE CONSTRUCTION PROCESS. THE CONTRACTOR SHALL MAINTAIN EXISTING SAFE AND UNOBSTRUCTED ACCESSIBLE PATHS FOR PEDESTRIANS OR BICYCLISTS. REFER TO STANDARD INDICES 600 AND 660. ADDITIONAL DETAILS AND WORK NOT SHOWN IN THE WZTC PLANS MAY BE NECESSARY DEPENDING UPON CONTRACTOR METHODS OF CONSTRUCTION.
- PRIOR TO COMMENCEMENT OF ANY ROADWAY WORK, ALL UTILITY ADJUSTMENTS AND RELOCATION WORK SHALL BE COMPLETED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT OR REMOVE LANE CLOSURES OR CHANNELIZATIONS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS, AS DIRECTED BY THE ENGINEER, WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION BY THE ENGINEER TO ANY REQUESTS MADE BY THE ENGINEER FOR CORRECTION, IMPROVEMENT OR MODIFICATION OF THE WZTC AT NO ADDITIONAL COST OR TIME EXTENSION.
- EXISTING SIGNS SHALL BE MAINTAINED AT ALL TIMES. DURABLE OPAQUE SHEET OVERLAY PANELS SHALL BE USED TO COVER INAPPROPRIATE INFORMATION ON NEW OR EXISTING SIGNS WHERE REQUIRED BY THE ENGINEER. THE PANEL SHALL BE PLACED IN A MANNER THAT DOES NOT DAMAGE THE EXISTING SIGN. NO FABRIC OR PLASTIC FILM WILL BE ALLOWED.
- WZTC SIGNING FOR THE PHASE FOR WHICH IT IS REQUIRED SHALL BE ERECTED AT THE END OF THE PREVIOUS PHASE AND COVERED UNTIL THE PHASE FOR WHICH IT IS REQUIRED IS OPEN TO TRAFFIC. ALL CONFLICTING WZTC SIGNS SHALL BE COVERED OR REMOVED.
- THE CONTRACTOR SHALL REDUCE CONSTRUCTION NOISE IMPACTS TO ADJACENT PROPERTIES.
- THE CONTRACTOR SHALL MAINTAIN PROPER DRAINAGE FOR ALL PHASES OF CONSTRUCTION. ADDITIONAL DETAILS AND STRUCTURES NOT SHOWN IN THE WZTC PLANS MAY BE NECESSARY DEPENDING UPON CONTRACTOR METHODS OF CONSTRUCTION.
- CONTRACTOR SHALL PHASE CONSTRUCT THE IMPROVEMENTS, DRIVEWAYS TO MAINTAIN ACCESS AT ALL TIMES.
- ALL SIGNS, WITH THE EXCEPTION OF FLAGGING, SHALL BE POST MOUNTED.
- ALL REFLECTIVE PAVEMENT MARKINGS, EXISTING AND TEMPORARY, SHALL BE MAINTAINED DURING CONSTRUCTION UNLESS NOTED OTHERWISE.
- MAXIMUM SPACING BETWEEN BARRICADES PER APPLICABLE FDOT INDICES.
- THE CONTRACTOR SHALL IMMEDIATELY REPAIR ALL POTHoles THAT DEVELOP WITHIN THE PROJECT LIMITS.
- FOR DROP-OFFS IN WORK ZONES THE CONTRACTOR IS DIRECTED TO THE REQUIREMENTS OF STANDARD INDEX NO. 600. THE CONTRACTOR SHALL ONLY EXCAVATE OR MILL AN AREA THAT CAN BE BROUGHT BACK WITHIN THE DROP-OFF CRITERIA OF INDEX NO. 600 WITHIN THE SAME DAY / NIGHT OPERATION. (FOR CLEAR ZONE WIDTHS FOR WORK ZONES, SEE FDOT INDEX NO. 600). ALL TRENCHES SHALL BE BACKFILLED COMPLETELY TO PROVIDE SAFE CROSSING BY THE END OF EACH WORK DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE. A COMBINATION OF BUT NOT LIMITED TO, STREET PLATES, CONCRETE BARRIERS, SIGNAGE, LIGHTS, BACKFILL OF DROP HAZARD, AND ORANGE SAFETY FENCE SHALL BE USED NEAR DROP OFFS.

MOT PHASING NOTES:

TRAFFIC CONTROL WORK ZONE:

- MAINTAIN EXISTING TRAFFIC ALONG HARBOR DRIVE SOUTH.
- INSTALL ADVANCE WARNING SIGNAGE AND TRAFFIC CONTROL DEVICES PER FDOT INDEX 602 AND 603 WHEN WORKING WITHIN HARBOR DRIVE ROADWAY RIGHT OF WAY.
- CONSTRUCT IMPROVEMENTS.
- REMOVE TRAFFIC CONTROL DEVICES AND SIGNAGE.

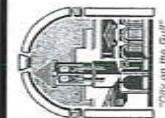


CITY OF VENICE PARKING LOTS

GENERAL NOTES
SITE 3

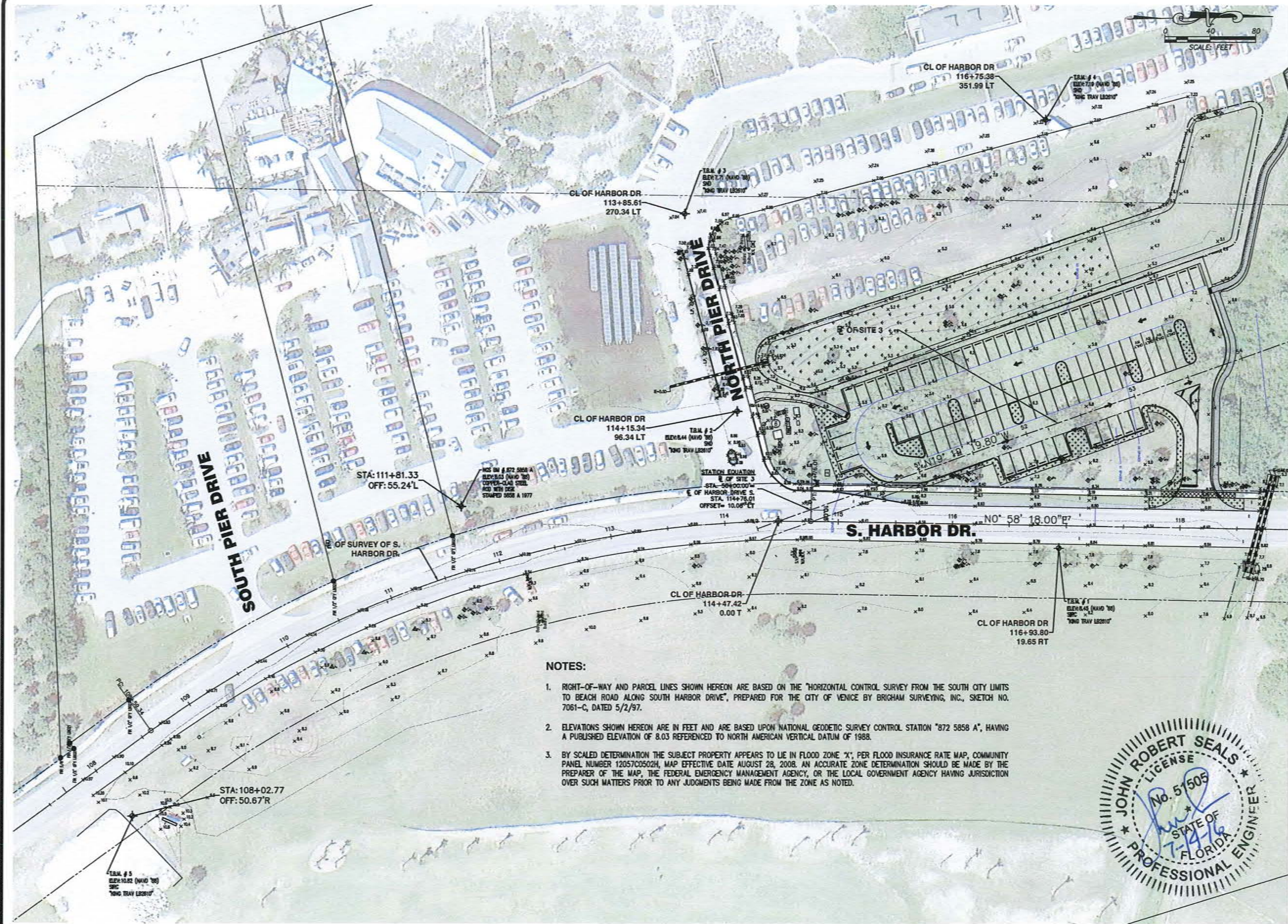
CITY OF VENICE
ENGINEERING DEPARTMENT

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(941) 486-2626
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FILE NO.
4799-100-002
SHEET 2 OF 9

2



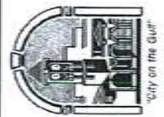
NOTES:

1. RIGHT-OF-WAY AND PARCEL LINES SHOWN HEREON ARE BASED ON THE "HORIZONTAL CONTROL SURVEY FROM THE SOUTH CITY LIMITS TO BEACH ROAD ALONG SOUTH HARBOR DRIVE", PREPARED FOR THE CITY OF VENICE BY BRIGHAM SURVEYING, INC., SKETCH NO. 7061-C, DATED 5/2/97.
2. ELEVATIONS SHOWN HEREON ARE IN FEET AND ARE BASED UPON NATIONAL GEODETIC SURVEY CONTROL STATION "872 5858 A", HAVING A PUBLISHED ELEVATION OF 8.03 REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988.
3. BY SCALED DETERMINATION THE SUBJECT PROPERTY APPEARS TO LIE IN FLOOD ZONE "X", PER FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NUMBER 12057C0502H, MAP EFFECTIVE DATE AUGUST 28, 2008. AN ACCURATE ZONE DETERMINATION SHOULD BE MADE BY THE PREPARER OF THE MAP, THE FEDERAL EMERGENCY MANAGEMENT AGENCY, OR THE LOCAL GOVERNMENT AGENCY HAVING JURISDICTION OVER SUCH MATTERS PRIOR TO ANY JUDGMENTS BEING MADE FROM THE ZONE AS NOTED.



**CITY OF VENICE PARKING LOTS
HORIZONTAL AND
VERTICAL CONTROL
SITE 3**

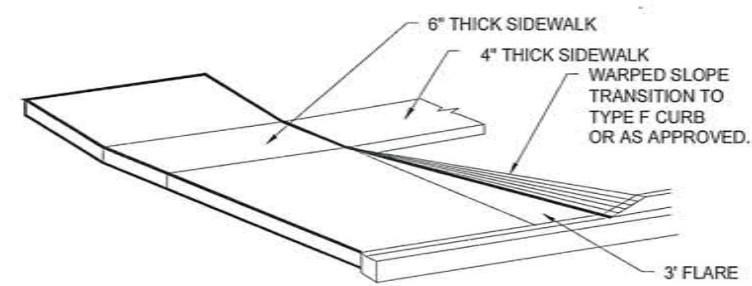
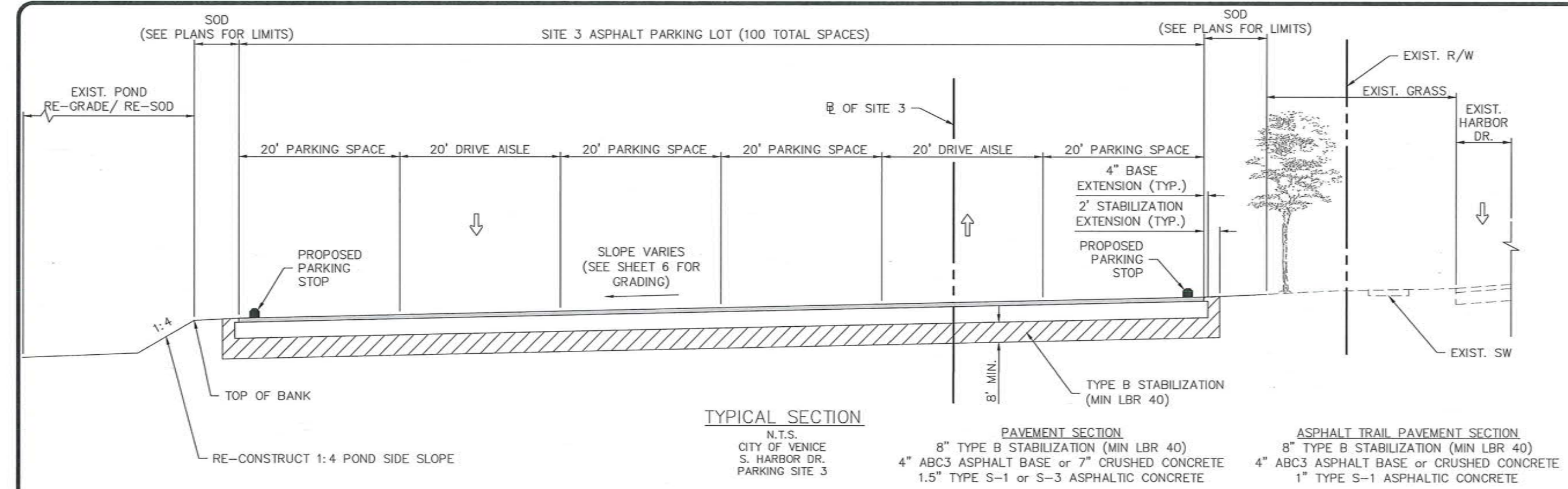
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FILE NO.
4799-100-002
SHEET **3** OF **9**
3

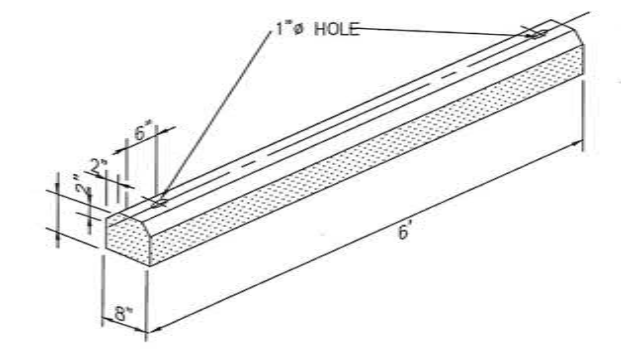
| DATE: | BY: | Revision | Date | No. |
|-------------|-----|----------|------|-----|
| 03/25/2015 | | | | |
| DRAWN BY: | | | | |
| CHK | | | | |
| CHECKED BY: | | | | |
| JRS | | | | |
| SCALE: | | | | |
| AS SHOWN | | | | |

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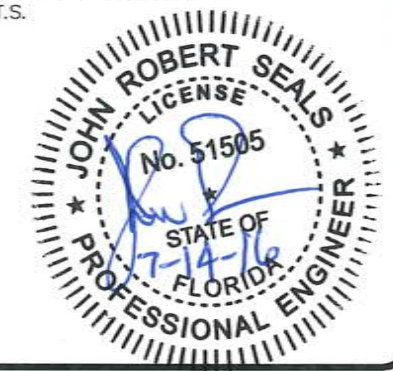
- NOTES:
- 1.) SIDEWALKS SHALL BE CONSTRUCTED OF 3000 PSI AT 28 DAYS CONCRETE (MAXIMUM 4" SLUMP) WITH FIBER REINFORCEMENT.
 - 2.) ALL SIDEWALKS SHALL BE 5' WIDE AND CONSTRUCTED WITH A SLOPE OF 1/4-INCH PER FOOT TOWARD CURB AND GUTTER.
 - 3.) CONTRACTION SAW-CUTS SHALL BE CONSTRUCTED EVERY 5' LENGTH OF SIDEWALK. EXPANSION JOINTS SHALL BE CONSTRUCTED AT 50' INTERVALS.
 - 4.) 1/2-INCH THICK ASPHALTIC FELT OR "PRESSURE TREATED WOOD" SHALL BE PLACED AT EACH EXPANSION JOINT.
 - 5.) EXISTING CURB AND GUTTER SHALL BE REMOVED ONLY AT EXISTING JOINTS.
 - 6.) DRIVEWAY WIDTH AND LOCATION SHALL COMPLY WITH ZONING CODES, SECTIONS 122-446, 62-64, 62-65.
 - 7.) ALL MATERIALS & METHODS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH LATEST EDITION OF THE FDOT, "STANDARDS FOR ROAD & BRIDGE CONSTRUCTION". IN ADDITION, CONCRETE SHALL BE 3000 PSI AT 28 DAYS WITH A MAXIMUM 4" SLUMP AND FIBER REINFORCEMENT.
 - 8.) DRIVEWAY SLOPES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FDOT, "ROADWAY AND TRAFFIC DESIGN STANDARDS", INDEX 515.

DRIVEWAY AND SIDEWALK DETAILS



REQUIRES 2 - 5/8" x 2'-0" STEEL BAR STAKES FOR EACH CURB SECTION, CURB REINF. w/ 2 #3 REBARS
COLOR: YELLOW

YELLOW WHEEL STOP DETAIL
N.T.S.



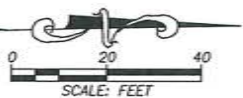
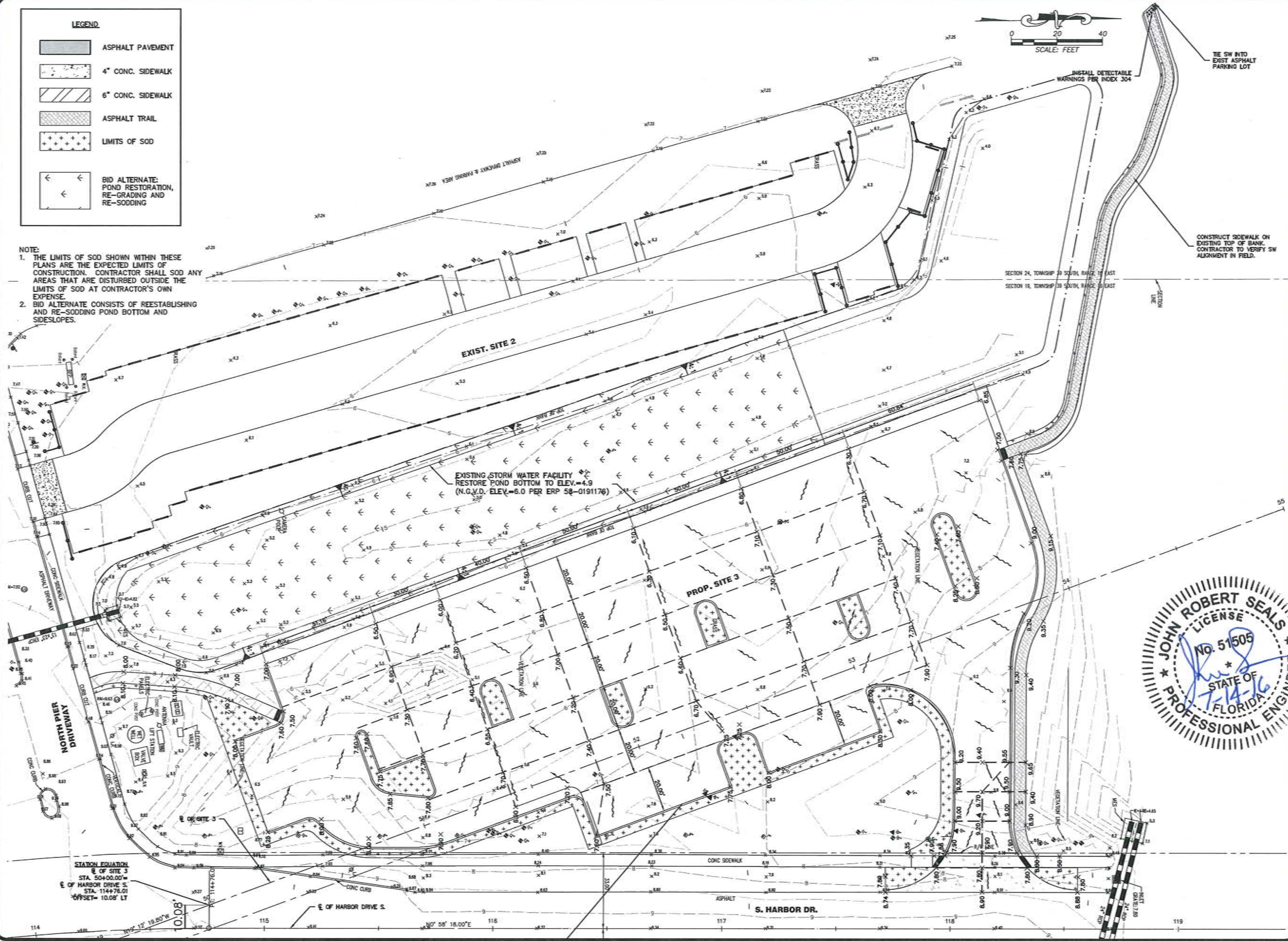
| | |
|---|-----------------|
| CITY OF VENICE PARKING LOTS | |
| TYPICAL SECTION SITE 3 | |
| DATE: 03/25/2015 | DRAWN BY: CHH |
| CHECKED BY: JRS | SCALE: AS SHOWN |
| BY: | Revision |
| No. | Date |
| CITY OF VENICE ENGINEERING DEPARTMENT 401 WEST VENICE AVE. VENICE FL 34285 (941) 486-2626 FAX (941) 480-3031 | |
| FILE NO. 4799-100-002 SHEET 4 OF 9 4 | |

LEGEND

- ASPHALT PAVEMENT
- 4" CONC. SIDEWALK
- 6" CONC. SIDEWALK
- ASPHALT TRAIL
- LIMITS OF SOD
- BID ALTERNATE: POND RESTORATION, RE-GRADING AND RE-SODDING

NOTE:

- THE LIMITS OF SOD SHOWN WITHIN THESE PLANS ARE THE EXPECTED LIMITS OF CONSTRUCTION. CONTRACTOR SHALL SOD ANY AREAS THAT ARE DISTURBED OUTSIDE THE LIMITS OF SOD AT CONTRACTOR'S OWN EXPENSE.
- BID ALTERNATE CONSISTS OF REESTABLISHING AND RE-SODDING POND BOTTOM AND SIDESLOPES.



TE SW INTO EXIST ASPHALT PARKING LOT

INSTALL DETECTABLE WARNING PER INDEX 304

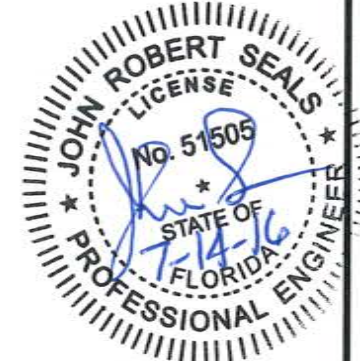
CONSTRUCT SIDEWALK ON EXISTING TOP OF BANK. CONTRACTOR TO VERIFY SW ALIGNMENT IN FIELD.

SECTION 24, TOWNSHIP 39 SOUTH, RANGE 19 EAST
SECTION 19, TOWNSHIP 39 SOUTH, RANGE 19 EAST

EXIST. SITE 2

EXISTING STORM WATER FACILITY
RESTORE POND BOTTOM TO ELEV. -4.9
(N.G.V.D. ELEV. = 6.0 PER ERP 58-0191176)

PROP. SITE 3



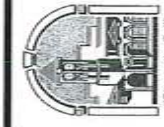
STATION EQUATION
E OF SITE 3
STA. 50+00.00 =
E OF HARBOR DRIVE S.
STA. 114+76.01
OFFSET = 10.08' LT

E OF HARBOR DRIVE S.

S. HARBOR DR.

CITY OF VENICE PARKING LOTS
PROPOSED GRADING PLAN
SITE 3

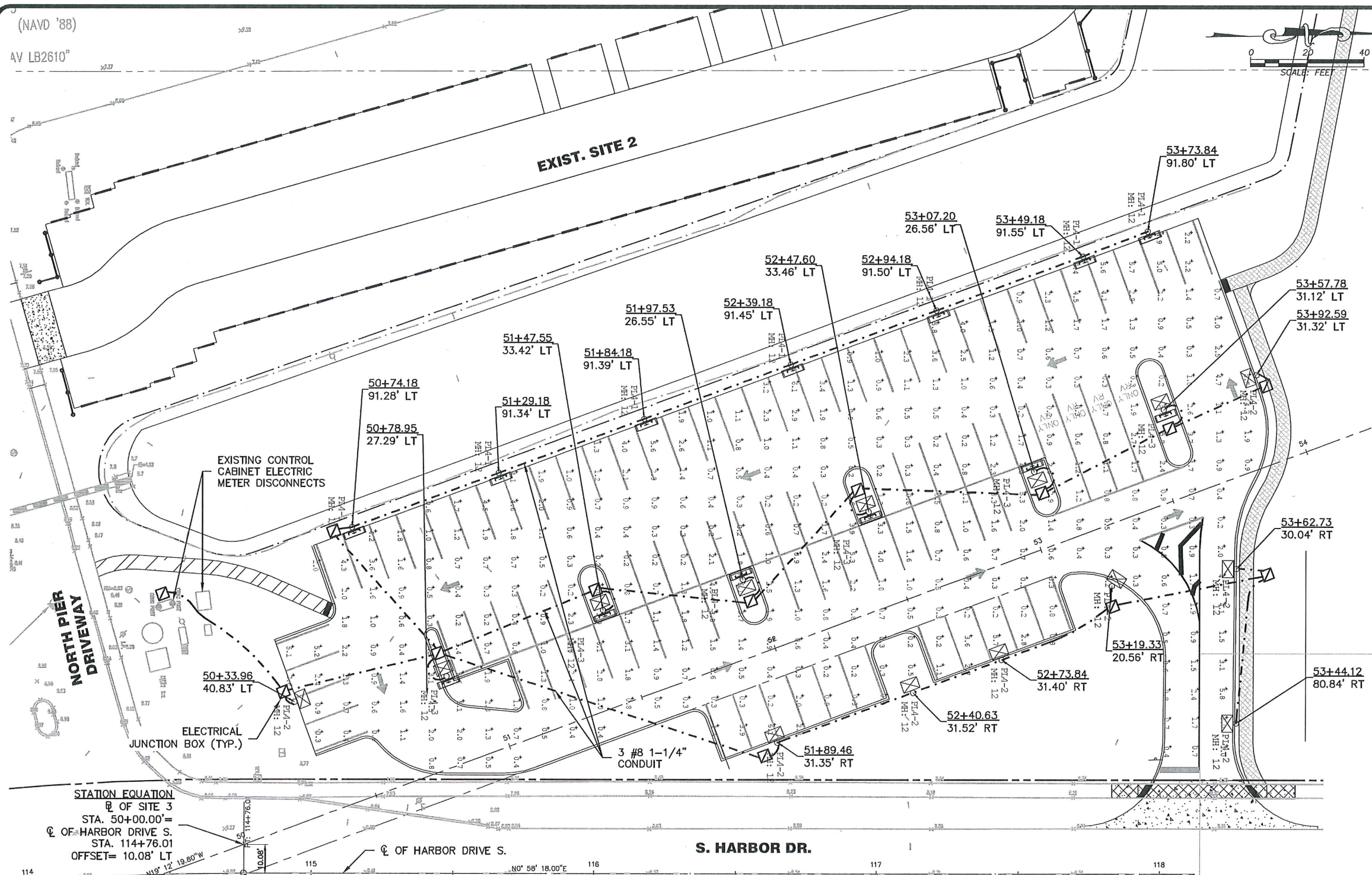
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FILE NO.
4799-100-002
SHEET **6** OF **9**

(NAVD '88)

AV LB2610"

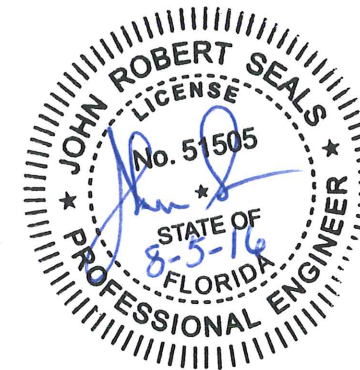


LIGHTING SUMMARY

UNITS= Fc

AVG. ILLUM= 1.50

LAMP LUMENS= 2974

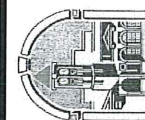


CITY OF VENICE PARKING LOTS

LIGHTING PLAN
SITE 3

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FILE NO.
4799-100-002
SHEET **7** OF **10**

7

FIXTURE COLOR

POLES AND LUMINAIRES SHALL BE PAINTED (POWDER COATED) TEAL-GREEN TO MATCH EXISTING LIGHT FIXTURES ON SITE. A COLOR SAMPLE SHALL BE APPROVED BY CITY INSPECTOR PRIOR TO FABRICATION.

FIXTURE SCHEDULE

- PL4-1 GUARDCO (PHILIPS) 50 WATT LED (2,974 LUMENS) SINGLE ASSEMBLY POLE MOUNT, 120 VOLTS, TYPE 4 OPTICS DISTRIBUTION WITH BACK SIDE (HOUSE) FWC SHIELD (MODEL # GUARDCO ECF-4-50LA-AM-120V (OR APPROVED EQUIVALENT) MOUNTED ON 15' ALUMINUM POLE WITH 130 MPH WIND LOAD RATING
- PL4-2 GUARDCO (PHILIPS) 50 WATT LED (2,974 LUMENS) SINGLE ASSEMBLY POLE MOUNT, 120 VOLTS, TYPE 4 OPTICS DISTRIBUTION WITH FULL FWC SHIELD (MODEL # GUARDCO ECF-4-50LA-AM-120V (OR APPROVED EQUIVALENT) MOUNTED ON 15' ALUMINUM POLE WITH 130 MPH WIND LOAD RATING
- PL4-3 GUARDCO (PHILIPS) 50 WATT LED (2,974 LUMENS) DOUBLE (BACK-TO-BACK) ASSEMBLY POLE MOUNT, 120 VOLTS, TYPE 4 OPTICS DISTRIBUTION WITH FULL SHIELD FOR BEACH FACING LUMINAIRE AND BACKSIDE (HOUSE) SHIELD FOR STREET FACING LUMINAIRE, (MODEL # GUARDCO ECF-4-50LA-AM-120V OR APPROVED EQUIVALENT) MOUNTED ON 15' ALUMINUM POLE WITH 130 MPH WIND LOAD.

| SYMBOL | FIXTURE, MODEL | # OF FIXTURES | LAMP WATTS / TYPE | MOUNTING TYPE | MOUNTING HEIGHT | SHIELDING |
|--------|----------------|---------------|-------------------|--|-----------------|--------------------------------|
| | PL4-1 | 7 | 50/LED | SINGLE ASSY- POLE MOUNT | 15' | BACK SIDE (HOUSE) SHIELD |
| | PL4-2 | 8 | 50/LED | SINGLE ASSY- POLE MOUNT | 15' | FULL SHIELD |
| | PL4-3 | 6 | 50/LED | DOUBLE (BACK-TO-BACK) ASSY. POLE MOUNT | 15' | FULL SHIELD & BACK SIDE SHIELD |

CLASS I CONCRETE FOUNDATION, REINFORCED PER FDOT INDEX 17515. ANCHOR BOLTS INSTALLED PER POLE MANUFACTURER SPECIFICATIONS.

LIGHT POLE MOUNTING
N.T.S.

ELECTRICAL NOTES

- DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. DRAWINGS ARE NOT TO BE SCALED. THE DRAWINGS AND DETAILS WILL BE EXAMINED FOR EXACT LOCATION OF FIXTURES AND EQUIPMENT. ANYTHING MENTIONED IN THE SPECIFICATION AND NOT SHOWN ON THE DRAWINGS, OR SHOWN ON THE DRAWINGS BUT NOT IN THE SPECIFICATION WILL BE INTERPRETED AS BEING IN BOTH. CONFLICTS WILL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER OR ENGINEER BEFORE PROCEEDING WITH THE WORK.
- THE ELECTRICAL CONTRACTOR TO FURNISH ALL EQUIPMENT, MATERIAL, LABOR, ETC. NECESSARY TO PROVIDE A COMPLETE, WORKABLE AND CODE APPROVED ELECTRICAL POWER DISTRIBUTION SYSTEM. ALL WORK TO BE DONE IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS, LOCAL, STATE AND NATIONAL CODES.
- THE ELECTRICAL CONTRACTOR WILL GIVE ALL NECESSARY NOTICES, OBTAIN ALL PERMITS AND PAY ALL GOVERNMENT FEES, SALES TAXES AND OTHER COSTS IN CONNECTION WITH HIS WORK. FILE ALL NECESSARY APPROVALS OF ALL GOVERNMENTAL DEPARTMENTS HAVING JURISDICTION, OBTAIN ALL REQUIRED CERTIFICATES OF INSPECTION FOR HIS WORK, AND DELIVER TO THE GENERAL CONTRACTOR THE SAME CERTIFICATES BEFORE REQUEST FOR ACCEPTANCE AND FINAL PAYMENT FOR THE WORK.
- THE ELECTRICAL CONTRACTOR (E.C.) WILL GIVE FULL COOPERATION TO OTHER TRADES AND WILL FURNISH IN WRITING TO THE GENERAL CONTRACTOR, ANY INFORMATION NECESSARY TO PERMIT THE WORK OF ALL TRADES TO BE INSTALLED SATISFACTORILY AND WITH THE LEAST POSSIBLE INTERFERENCE OR DELAY. THE E.C. MUST COORDINATE ALL CONDUIT RUNS AND EQUIPMENT MOUNTING LOCATIONS WITH OTHER TRADES PRIOR TO ROUGH-IN.
- THE ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL ELECTRICAL DEVICES AS SHOWN, VERIFYING ALL MOUNTING HEIGHTS AND EXACT LOCATIONS OF ALL WALL-MOUNTED ELECTRICAL DEVICES WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN. IN THE EVENT OF A CODE CONFLICT, THE CONTRACTOR WILL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO COMMENCING THE WORK.
- ALL SPARE CONDUITS TO BE INSTALLED FOR FUTURE USE, WILL BE CAPPED WITH PULL WIRE INSTALLED. UNDERGROUND SPARE CONDUITS WILL BE STUBBED UP 12" A.F.F. WHERE INDICATED AND CAPPED WITH PULL WIRE. ALL CAPPED CONDUIT WILL BE LABELED WITH ITS PURPOSE.
- MINOR DETAILS, NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER OPERATION AND CONSISTENT WITH GOOD WORKMANSHIP, WILL BE INCLUDED IN THE ESTIMATE, THE SAME AS IF SHOWN ON DRAWINGS.
- CONTRACTOR TO PROVIDE MANUFACTURER CERTIFICATION, WITH SHOP DRAWING SUBMITTALS, THAT POLE ASSEMBLY WITH SPECIFIED HEADS AND ALL SPECIFIED OPTIONS MEETS WIND LOAD REQUIREMENTS PER 2014 FLORIDA BUILDING CODE. ELECTRICAL CONTRACTOR TO SUBMIT MANUFACTURER RECOMMENDED CHANGES FOR A CODE COMPLYING INSTALLATION TO OWNER/ENGINEER FOR APPROVAL. ADDITIONALLY, CONTRACTOR SHALL PROVIDE CERTIFICATION THAT POLE MOUNTING METHOD, I.E., DIRECT BURY/ANCHOR BASE MEETS THE ABOVE REQUIREMENTS. POLE MOUNTING CERTIFICATION SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA.
- ELECTRICAL CONTRACTOR TO PROVIDE AS-BUILT DOCUMENTS, OPERATION MANUALS, MAINTENANCE MANUALS TO THE OWNER WITHIN 30 DAYS OF ACCEPTANCE OF SYSTEMS.

OLD WORK NOTES:

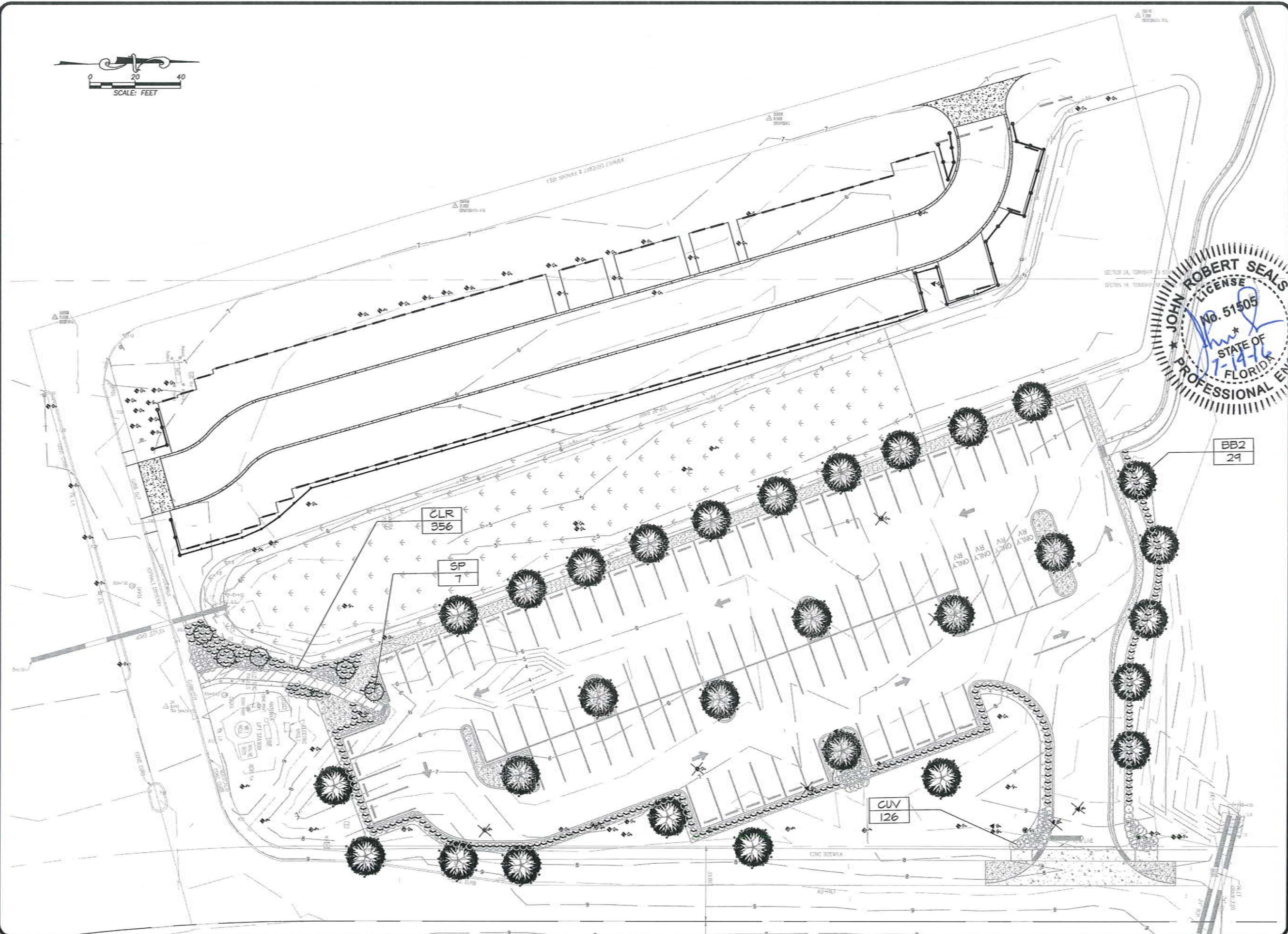
- THE ELECTRICAL CONTRACTOR SHALL REMOVE OR PROPERLY ABANDON IN PLACE ALL DEVICES, EQUIPMENT, CONDUIT, ETC. THAT IS NO LONGER IN, OR SCHEDULED TO BE REMOVED FROM, SERVICE. ALL CONDUCTORS NO LONGER IN SERVICE ARE TO BE DE-ENERGIZED AND COMPLETELY REMOVED FROM ITS RESPECTIVE CONDUIT, BOXES, PANELBOARDS, CONTACTOR CABINETS, ETC.
- THE ELECTRICAL CONTRACTOR SHALL REWORK THE EXISTING PANELBOARD(S), CONTACTOR CABINETS, ETC., AS REQUIRED. THE ELECTRICAL CONTRACTOR TO REPLACE ANY DISCONNECTS, CIRCUIT WIRING, ETC. SUSPECTED TO BE DAMAGED. REPORT ANY CIRCUITS WHICH HAVE BEEN DAMAGED BY OVERHEATING TO THE OWNER PRIOR TO RETURNING THE CIRCUIT INTO SERVICE. MECHANICALLY EXERCISE ALL CIRCUIT BREAKERS BEFORE RETURNING THEM TO SERVICE. REMOVE ANY FOREIGN MATTER WHICH MAY HAVE ACCUMULATED IN THE ENCLOSURES. VERIFY THE PROPER TIGHTNESS OF ALL POWER, NEUTRAL, AND GROUND CONNECTIONS. RE-TORQUE ALL TERMINATIONS TO FACTORY SPECIFICATIONS AS REQUIRED. THE ELECTRICAL CONTRACTOR SHALL VERIFY THAT ALL CONDUIT FITTINGS ARE SOUND AND ARE SOLIDLY CONNECTED. INSURE ALL CONDUIT SUPPORTS ARE ADEQUATE. WHERE CONDUIT IS UTILIZED AS THE EQUIPMENT GROUNDING CONDUCTOR, VERIFY ITS ELECTRICAL CONTINUITY. REVIEW ALL EQUIPMENT GROUNDING CONDUCTORS FOR PROPER SIZE AND CONTINUITY. INSPECT ALL EQUIPMENT BONDING CONNECTIONS AND RETIGHTEN AS REQUIRED.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY THE INTEGRITY OF THE SERVICE ENTRANCE, REPLACING ANY CONDUCTORS WHICH HAVE BEEN OVERHEATED OR OTHERWISE DAMAGED AFTER NOTIFYING THE OWNER. CHECK ALL CONNECTIONS FOR PROPER TIGHTNESS AND MANUALLY EXERCISE ALL CIRCUIT BREAKERS AND SWITCHES. CHECK ALL GROUND ELECTRODE CONDUCTORS FOR DAMAGE AND REPLACE AS NECESSARY. TIGHTEN ALL GROUND ROD AND BONDING CONNECTIONS, REMAKING "BRIGHT CLEAN" WHERE REQUIRED. MEASURER SYSTEM GROUND AND ADD GROUNDING ELECTRODES AS REQUIRED TO PROVIDE LESS THAN 25 OHMS.
- IN GENERAL, THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO INSURE ALL WORK, BOTH OLD AND NEW, COMPLIES WITH THE NEC, ANY APPLICABLE LOCAL AND STATE CODES, ORDINANCES, AND STANDARDS OF GOOD WORKMANSHIP.
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROPER DISPOSAL OF ALL DEMOLISHED ELECTRICAL COMPONENTS AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL REVIEW ALL EXISTING DISCONNECTS, PANELBOARDS, CONTACTORS AND CIRCUITS TO VERIFY AND/OR DETERMINE THE EQUIPMENT SERVED BY EACH. PROVIDE UPDATED, TYPEWRITTEN CIRCUIT DIRECTORIES WITH CLEAR DESCRIPTIONS FOR ALL PANELBOARD CIRCUITS AND ENGRAVED LABELS FOR ALL PANELBOARD AND EQUIPMENT COVERS. CONTRACTOR SHALL PROVIDE LABELS FOR ALL CONTACTORS (EXISTING AND NEW) AND SUBMIT ALL LABELS FOR APPROVAL PRIOR TO FINAL PRODUCTION OF SAME. PERMANENTLY ATTACH IF LABELS AND INSERT DIRECTORIES IN DIRECTORY HOLDER (PROVIDE NEW IF REQUIRED) WITH CLEAR PLASTIC PROTECTIVE COVER. PANELBOARD DIRECTORIES SHALL BE DATED AND INCLUDE THE ELECTRICAL CONTRACTOR'S CONTACT INFORMATION.

BRANCH CIRCUIT WIRING SCHEDULE

| SINGLE POLE (1P) | | | |
|------------------|----------------|---------|---------|
| C/B SIZE | WIRE | CONDUIT | REMARKS |
| 20a. | 2-#12, 1-#12G. | 3/4" | 18,2W |
| 25a. | 2-#10, 1-#10G. | 3/4" | 18,2W |
| 30a. | 2-#10, 1-#10G. | 3/4" | 18,2W |
| 35a. | 2-#8, 1-#10G. | 3/4" | 18,2W |
| 40a. | 2-#8, 1-#10G. | 3/4" | 18,2W |
| 45a. | 2-#8, 1-#10G. | 3/4" | 18,2W |
| 50a. | 2-#8, 1-#10G. | 3/4" | 18,2W |
| 60a. | 2-#6, 1-#10G. | 3/4" | 18,2W |
| TWO POLE (2P) | | | |
| 20a. | 2-#12, 1-#12G. | 3/4" | 18,2W |
| 25a. | 2-#10, 1-#10G. | 3/4" | 18,2W |
| 30a. | 2-#10, 1-#10G. | 3/4" | 18,2W |
| 40a. | 2-#8, 1-#10G. | 1" | 18,2W |
| 45a. | 2-#8, 1-#10G. | 1" | 18,2W |
| 50a. | 2-#8, 1-#10G. | 1" | 18,2W |
| 60a. | 2-#6, 1-#10G. | 1" | 18,2W |

| PANELBOARD SCHEDULE | | DESIGNATION | | A | | REFER TO PLAN | | MAINS: | | 200 A MCB | | | |
|-----------------------|---------------------------|-------------|-----------|-----------------|------|---------------|------|-----------------|------|------------|-----------|--------------------------|---------|
| | | LOCATION: | | VOLTAGE: | | 240/120 | | BUS SIZE: | | 200 AMP | | | |
| | | PHASE: | | 1 PHASE, 3 WIRE | | | | PANEL MOUNTING: | | SURFACE | | | |
| | | | | | | | | ALL BREAKERS: | | 22,000 AIC | | | |
| CKT NO. | LOAD DESCRIPTION | LOAD CODE | CONN. KVA | BREAKER AMPS | POLE | CONN. LOAD | | BREAKER AMPS | POLE | CONN. KVA | LOAD CODE | LOAD DESCRIPTION | CKT NO. |
| 1 | EXISTING BATH HOUSE PANEL | P | E | 100 | 2 | E | | 50 | 2 | E | P | EXISTING LIFT STATION | 2 |
| 3 | * | P | E | | | E | | | | E | P | * | 4 |
| 5 | EXISTING LIGHTING | L | E | 40 | 2 | E | | 40 | 2 | E | L | EXISTING LIGHTING | 6 |
| 7 | * | L | E | | | E | | | | E | L | * | 8 |
| 9 | EXISTING LIGHTING | L | E | 40 | 2 | E | | 40 | 2 | E | L | EXISTING LIGHTING | 10 |
| 11 | * | L | E | | | E | | | | E | L | * | 12 |
| 13 | EXISTING LIGHTING | L | E | 40 | 2 | E | | 20 | 2 | E | L | EXISTING LIGHTING | 14 |
| 15 | * | L | E | | | E | | | | E | L | * | 16 |
| 17 | EXISTING LIGHTING | L | E | 40 | | E | | 20 | 1 | 0.25 | L | EXISTING CONTROLS | 18 |
| 19 | | L | E | | | E | | 20 | 1 | 0.25 | L | EXISTING CONTROLS | 20 |
| 21 | EXISTING | | E | 20 | 1 | 0.55 | | 30 | 2 | 0.55 | L | NEW PARKING LOT LIGHTING | 22 |
| 23 | EXISTING | | E | 20 | 1 | | 0.55 | | | 0.55 | L | * | 24 |
| 25 | EXISTING | | E | 20 | 1 | | | | 1 | 0.00 | | SPACE | 26 |
| 27 | SPACE | | | 1 | | 0.00 | | 30 | 2 | 0.00 | R | SURGE PROTECTIVE DEVICE | 28 |
| 29 | SPACE | | | 1 | | | 0.00 | 30 | | 0.00 | R | * | 30 |
| | | | | | | KVA | | | | | | | |
| TOTAL CONNECTED AMPS: | | | | | | * AMPS | | AMPS | | | | | |
| TOTAL CONNECTED LOAD: | | | | | | * KVA | | | | | | | |
| TOTAL DEMAND AMPS: | | | | | | * AMPS | | | | | | | |
| TOTAL DEMAND LOAD: | | | | | | * KVA | | | | | | | |
| LOAD CODES: | | | | | | | | | | | | | |
| L= LIGHTING | | | | | | | | | | | | | |
| R= RECEPTACLES | | | | | | | | | | | | | |
| M= MECHANICAL | | | | | | | | | | | | | |
| C= COMPUTER | | | | | | | | | | | | | |
| K= KITCHEN | | | | | | | | | | | | | |
| P= PANELBOARD | | | | | | | | | | | | | |
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O:\PW-Civil\4799\100\002\Production\Drawings\Site 3 Landscape Plan.dwg, July 14, 2016 5:53 PM, King Engineering Associate Inc.

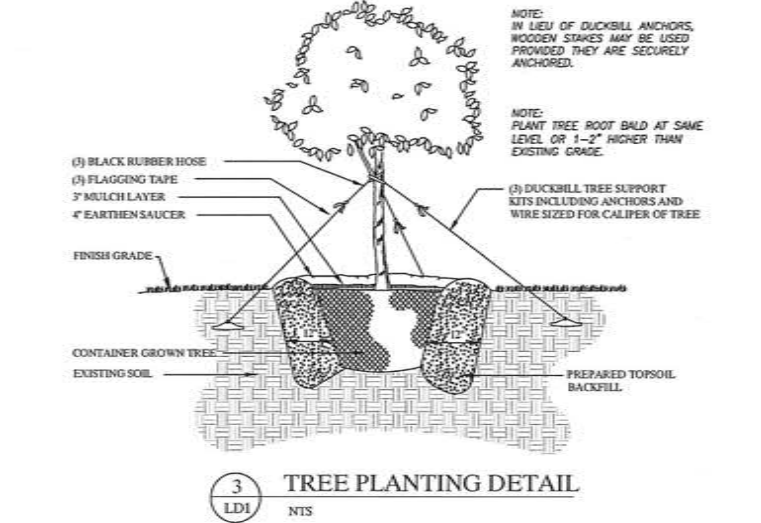


| | |
|---|-----------------|
| CITY OF VENICE | |
| ENGINEERING DEPARTMENT | |
| 401 WEST VENICE AVE. VENICE FL 34285 (941) 486-2626 FAX (941) 480-3031 | |
| | |
| FILE NO. 4799-100-002 | |
| SHEET 9 OF 10 | |
| 9 | |
| CITY OF VENICE PARKING LOTS | |
| SITE 3 | |
| LANDSCAPE PLAN | |
| DATE: 03/25/2015 | BY: CHH |
| DRAWN BY: CHH | CHECKED BY: JRS |
| SCALE: AS SHOWN | |

PLANT_SCHEDULE

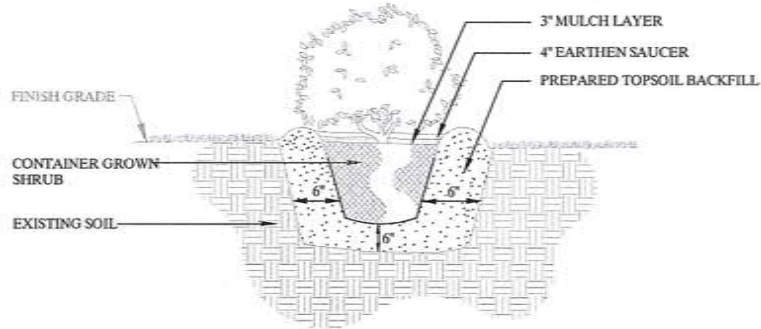
| TREES | CODE | QTY | BOTANICAL NAME | COMMON NAME | CONT. | CAL. | SIZE | NATIVE | DROUGHT TOLERANCE |
|---|------|-----|-----------------------------|------------------------|--------------|--------|----------------------------|--------|-------------------|
|  | BB2 | 29 | Bucida buceras 'Shady Lady' | Shady Lady Black Olive | 30 gal | 2" Cal | 1' Ht. x 42" Spd. | No | High |
|  | SP | 1 | Sabal palmetto | Cabbage Palm | F.S. | | 12' - 25' C.T., Full Heads | Yes | High |
| SHRUBS | CODE | QTY | BOTANICAL NAME | COMMON NAME | CONT. | | SIZE | NATIVE | DROUGHT TOLERANCE |
|  | CLR | 371 | Clusia rosea 'Pitch Apple' | Pitch Apple | 3 gal, 5' OC | | 24" HT x 24" SPD. | Yes | High |
|  | CUV | 126 | Coccoloba uvifera | Sea Grape | 1 gal, 5' OC | | 4-5' x 24-30" SPD. | Yes | High |

| TREE REMOVAL TABLE | | | |
|------------------------------------|----------------|----------------------|-----------------|
| TREE SPECIES | INCHES REMOVED | REPLACEMENT REQUIRED | INCHES REQUIRED |
| LIVE OAK | 11" | 1:1 | 11" |
| PINE TREE | 29" | 1:1 | 29" |
| OTHER | 8" | 1:1 | 8" |
| PALM TREE | 38" (3 TREES) | 1:1 | 38" |
| TOTAL REPLACEMENT INCHES REQUIRED: | | | 98" |



TREE PLANTING DETAIL

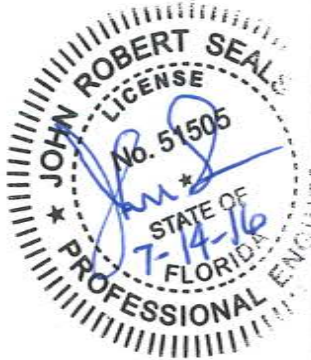
NTS



SHRUB PLANTING DETAIL

NTS

- LANDSCAPE NOTES:**
- LANDSCAPE PLAN SHOULD BE COMPATIBLE IN APPEARANCE, IN STYLE AND EXTENT, WITH OTHER NEIGHBORING PROPERTIES.
 - LANDSCAPE PLAN SHOULD NOT BE OF A DENSITY THAT IMPAIRS PUBLIC SAFETY OR BUILDING MAINTENANCE.
 - NATIVE TREES, PLANTS, AND GROUNDCOVERS ARE GIVEN PREFERENTIAL TREATMENT AND SHOULD MAKE UP A MAJORITY IF NOT ALL THE PLANT PALETTE. PLANTS CONSIDERED "FLORIDA FRIENDLY" ARE THE SECOND CHOICE. NO PLANTS CONSIDERED INVASIVE OR POTENTIALLY INVASIVE ARE TO BE USED. UF/IFAS EXTENSION INFORMATION WILL BE USED TO SETTLE DEBATES ON SELECTIONS.
 - CANOPY SHOULD BE OF SEVERAL DIFFERENT SPECIES OF TREES AND NOT JUST ONE.
 - CANOPY TREES SHOULD BE PLACED SO ROOF MAINTENANCE ISN'T COMPLICATED AND UTILITIES AREN'T JEOPARDIZED.
 - CANOPY TREES WILL BE PROPERLY STAKED SO NO DAMAGE TO CAMBIUM LAYER OR BRANCHES RESULT.
 - EACH TREE WILL HAVE ITS OWN WATER SOURCE (BUBBLER/EMITTER).
 - CANOPY TREES WILL BE FLORIDA GRADE #1 OR BETTER AND HAVE A WELL-DEFINED CENTRAL LEADER AND NO DAMAGE TO THE MAIN TRUNK CAMBIUM LAYER.
 - ALL OTHER PLANT MATERIAL WILL BE FLORIDA GRADE #1 OR BETTER AND WILL BE PLANTED FOLLOWING STANDARD HORTICULTURE PRACTICES REGARDING PLANTING HEIGHT, SOIL AMENDMENTS AND WATER IN PROCESS.
 - THE COUNTY RESERVES THE RIGHT TO REFUSE ANY PLANT MATERIAL NOT TO STANDARDS, DAMAGED IN TRANSIT OR PLANTED IMPROPERLY.
 - LANDSCAPE BEDS WILL REQUIRE 4" OF MULCH TO AID WEED CONTROL. MULCH WILL BE FROM A RENEWABLE RESOURCE SUCH AS RECYCLED HARDWOOD, PINE STRAW, OR PINE BARK. CYPRESS MULCH WILL NOT BE USED AND GRAVEL SHOULD BE AVOIDED.
 - ALL WATER RETENTION/DETENTION AREAS SHALL BE GRADED TO ALLOW FOR AS MUCH SURFACE AS POSSIBLE TO BE MOWED WITH NORMAL MOWING EQUIPMENT. STEEP SLOPES AND SWALE DEPTH SHOULD NOT HINDER MOWING OPERATIONS.
 - GRADE STANDARDS AND QUALITY:** ALL PLANTS SHALL BE NURSERY GROWN AND SHALL COMPLY WITH ALL REQUIRED INSPECTION, GRADING STANDARDS AND PLANT REGULATIONS AS SET FORTH IN THE FLORIDA DEPARTMENT OF AGRICULTURE GRADES AND STANDARDS FOR NURSERY PLANTS". PARTS 1 AND 2, INCLUDING REVISIONS.
 - THE MINIMUM GRADE FOR ALL TREES AND SHRUBS SHALL BE FLORIDA NO. 1 UNLESS OTHERWISE INDICATED AND ALL PLANTS SHALL BE SOUND, HEALTHY AND VIGOROUS, WELL BRANCHED AND SHAPED WITHIN NORMAL HABITAT OR GROWTH, OF PROPER COLOR, AND DENSELY FOLIATED WHEN IN LEAF. THEY SHALL HAVE HEALTHY, WELL DEVELOPED ROOT SYSTEMS AND SHALL BE FREE OF DISEASE AND INSECT PESTS, EGGS OR LARVAE.
 - ALL SOD SHALL BE FLORIDA PREMIUM GRADE AS DEFINED BY THE TURFGRASS PRODUCER'S ASSOCIATION OF FLORIDA, P.O. BOX 146, OKEECHOBEE, FL 34973 AND "SHALL CONTAIN ONLY THE SPECIES AND VARIETY OF TURFGRASS SHOWN ON THE SALES SLIP, AND NO WEEDS NOR FOREIGN GRASSES (I.E., NO OTHER VARIETIES) OR INSECT STRESS. CERTIFICATION AS TO TYPE OF GRASS AND OTHER REQUIREMENTS SHALL BE MADE AND SUBMITTED TO THE OWNER. THE SOD SHALL BE NEATLY MOWED AND BE MATURE ENOUGH THAT WHEN GRASPED AT ONE END IT CAN BE PICKED UP AND HANDLED WITHOUT DAMAGE.
 - ALL MATERIALS AND EQUIPMENT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. THE OWNER OR HIS LANDSCAPE ARCHITECT RESERVES THE RIGHT TO DIRECT THE REMOVAL AND REPLACEMENT OF ANY ITEMS WHICH, IN HIS OPINION, DO NOT PRESENT AN ORDERLY AND WORKMANLIKE APPEARANCE, PROVIDED THAT SUCH ITEMS CAN BE INSTALLED PROPERLY USING USUAL METHODS.
 - LANDSCAPE MAINTENANCE:**
 - THE LANDSCAPE CONTRACTOR SHALL MAINTAIN HIS FINISHED WORK FROM THE TIME THE INSTALLATION IS COMPLETE TO THE TIME OF FINAL ACCEPTANCE BY THE OWNERS REPRESENTATIVE.
 - IMPORTANT: IT IS THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY TO DETERMINE WATER APPLICATION RATES AND TIMER CYCLING AND TO SET RATES AND CYCLING AS APPROPRIATE.
 - ALL EXISTING TREES ON THE SITE NEED TO BE BARRICADED WITH 2"x2" POSTS AND ROPE, COLORED TAPE, OR WOOD TO PREVENT ANY VEHICULAR TRAFFIC OR POWER EQUIPMENT (MIXERS ETC.) IN THAT AREA DURING THE WHOLE CONSTRUCTION PROCESS. THIS BARRICADE SHOULD BE AT THE DRIP LINE AT A MINIMUM AND EXTEND OUT FARTHER WHEREVER POSSIBLE.
 - ALL DUMPSTERS AND TRASH PILES SHALL BE AWAY FROM TREES AND AREAS DESIGNATED TO BE LANDSCAPE BEDS.
 - TO MINIMIZE COMPACTION PROBLEMS IN FUTURE LANDSCAPE AREAS, CONTRACTORS SHOULD NOT BE ALLOWED TO PARK ON SITE. ESSENTIAL VEHICLES AND EQUIPMENT SHOULD USE DESIGNATED AREAS ON THE SITE.
 - ALL RINSING, WASHING OR DUMPING OF CONSTRUCTION PRODUCTS OR EQUIPMENT SHOULD BE IN A DESIGNATED AREA ONLY. THIS AREA SHOULD BE AWAY FROM EXISTING TREES AND FUTURE PLANTING LOCATIONS.
 - BEFORE FINAL GRADE, THE CONTRACTOR NEEDS TO TOTALLY CLEAN THE SITE OF DEBRIS, SPILLAGE AND DO A THOROUGH CLEANUP OF RINSE AREAS AND DUMPSTER LOCATIONS.
 - PREFERRED FINAL GRADE MATERIAL IS GREY SURFACE SAND WITH NEUTRAL PH (6.0-7.5).
 - FINAL GRADE SHOULD ENSURE PROPER DRAINAGE AWAY FROM BUILDING AND INTO ONSITE RETENTION/DETENTION MECHANISMS.
 - TOPSOIL:** THE CONTRACTOR IS RESPONSIBLE FOR ASSURING THAT ALL PLANT MATERIAL AND LAWNS ARE PLANTED IN APPROVED TOPSOIL TO THE SPECIFIED DEPTHS AND AS SHOWN ON THE PLANTING DETAILS.
 - TOPSOIL SHALL BE FERTILE, NATURAL TOPSOIL, TYPICAL OF THE LOCALITY, OBTAINED FROM WELL - DRAINED AREAS. STOCKPILED TOPSOIL MAY BE USED. IT SHALL BE WITHOUT ADMIXTURE OF SUBSOIL OR SLAG AND SHALL BE FREE OF STONES, LUMPS, STICKS, PLANTS OR THEIR ROOTS, TOXIC SUBSTANCES OR OTHER EXTRANEIOUS MATTER THAT MAY BE HARMFUL TO PLANT GROWTH OR WOULD INTERFERE WITH FUTURE MAINTENANCE.
 - SOIL TESTING - CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING SOILS IN ORDER TO MAKE ADJUSTMENTS IN PH AND ORGANIC CONTENT FOR PROPER - PLANT CULTURE.
 - SOIL AMENDMENTS/PH - CONTRACTOR SHALL NOTE PH RANGE PREFERRED BY SHRUBS AND AMEND SOILS ACCORDINGLY. SULFUR SHALL BE ADDED TO PLANTING SOIL AT A RATE OF 1 POUND OF SULFUR PER 300 SQUARE FEET TO LOWER THE PH ONE-HALF POINT.
 - PRIOR TO THE PREPARATION OF PLANTING AREAS, THE CONTRACTOR SHALL ASCERTAIN THE LOCATION OF ALL UTILITIES. DAMAGE CAUSED BY THE LANDSCAPE AND/OR IRRIGATION CONTRACTORS TO THESE UTILITIES OR STRUCTURES SHALL BE THE RESPONSIBILITY OF THE RESPECTIVE CONTRACTOR.
 - ALL PLANT MATERIAL SHALL BE CONTAINER GROWN OR B&B AS SPECIFIED (FIELD GROWN TREES WILL NOT BE ACCEPTED).
 - SUBSTITUTIONS OF ANY PLANT MATERIAL SHALL REQUIRE THE APPROVAL OF THE OWNER, AND NORMALLY WILL NOT BE PERMITTED, EXCEPT IN CASES OF NON-AVAILABILITY.



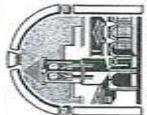
CITY OF VENICE PARKING LOTS

SITE 3

LANDSCAPE PLAN

CITY OF VENICE
ENGINEERING DEPARTMENT

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SHEET 10 OF 10

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