CARMALITA STREET PARK WARRIOR FIELD WALKING PATH

CHARLOTTE COUNTY, FLORIDA

SITE DEVELOPMENT DATA:

1 LAND USE: EXISTING COUNTY PARK

2 OVERALL PROJECT AREA 16.86 ACRES

PKR PARKS & RECREATION *3 ZONING:* FLOOD ZONE: "AE" (EL. 9.0) COMMUNITY No.: 120061 4 FEMA:

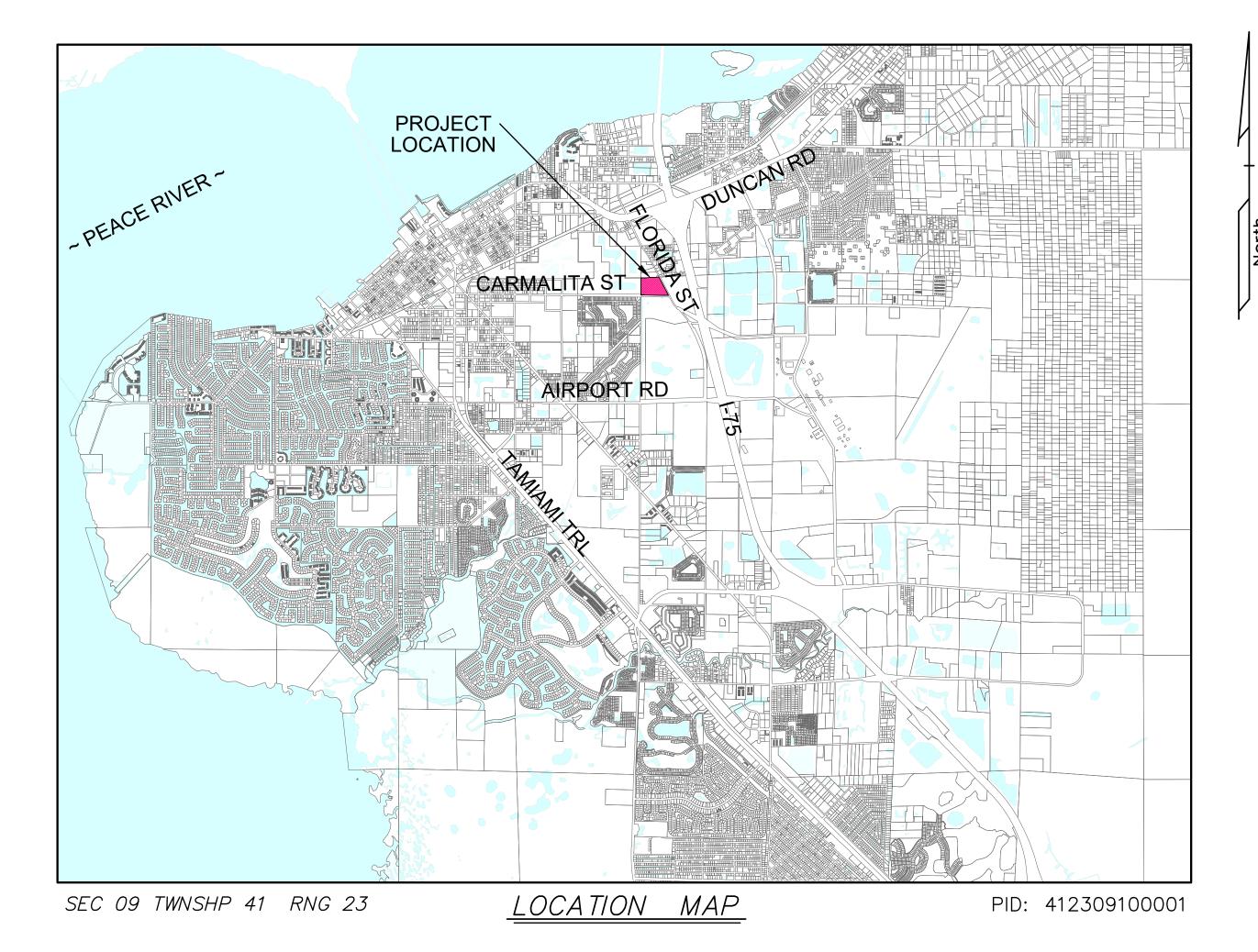
MAP & PANEL No.: 12015C0242G DATE: 12/15/22

5 ELEVATIONS ARE BASED ON (N.A.V.D.) 1988.

6 TREE PROTECTION PLAN: SEE EXISTING CONDITIONS PLAN & BMP.

7 HABITATS: THERE ARE NO KNOWN PROTECTED HABITATS ON THE PROPOSED SITE
THERE ARE NO KNOWN WETLANDS OR PERENNIAL STREAMS ON THE SITE

8 ADDRESS: 2610 CARMALITA STREET, PUNTA GORDA FL. 33950



OWNER:

CHARLOTTE COUNTY 18500 MURDOCK CIR STE B208 PORT CHARLOTTE, FL. 33948

(941) 743-1498

GIFFELS-WEBSTER ENGINEERS, INC. 900 PINE STREET, SUITE 225 ENGLEWOOD, FLORIDA 34223 (941) 475-7981 ENGINEER:

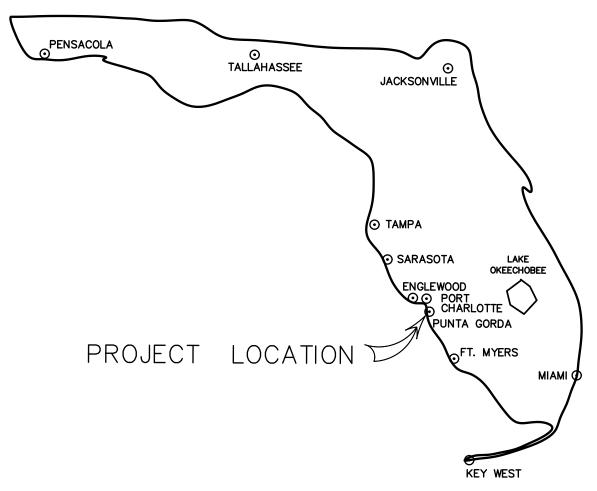
SUR VE YOR:

MERIDIAN GROUP OF SOUTH FLORIDA INC. 493 BARGER DRIVE UNIT A PORT CHARLOTTE, FLORIDA 33954 (941) 766-0011

These Plans Prepared By:

GVE GIFFELS-WEBSTER ENGINEERS, INC.

900 Pine Street, Suite 225 Englewood, Florida 34223 Phone (941) 475-7981 Fax (941) 474-4285



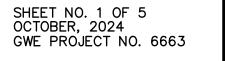
INDEX OF DRAWINGS

- COVER SHEET
- EXISTING CONDITIONS PLAN
- SITE AND GRADING PLAN
- BEST MANAGEMENT PRACTICES PLAN
- NOTES & DETAILS

ENGINEERING CERTIFICATION

DATE

DENNIS J. CROYLE, P.E. FLORIDA P.E. NO. 82287

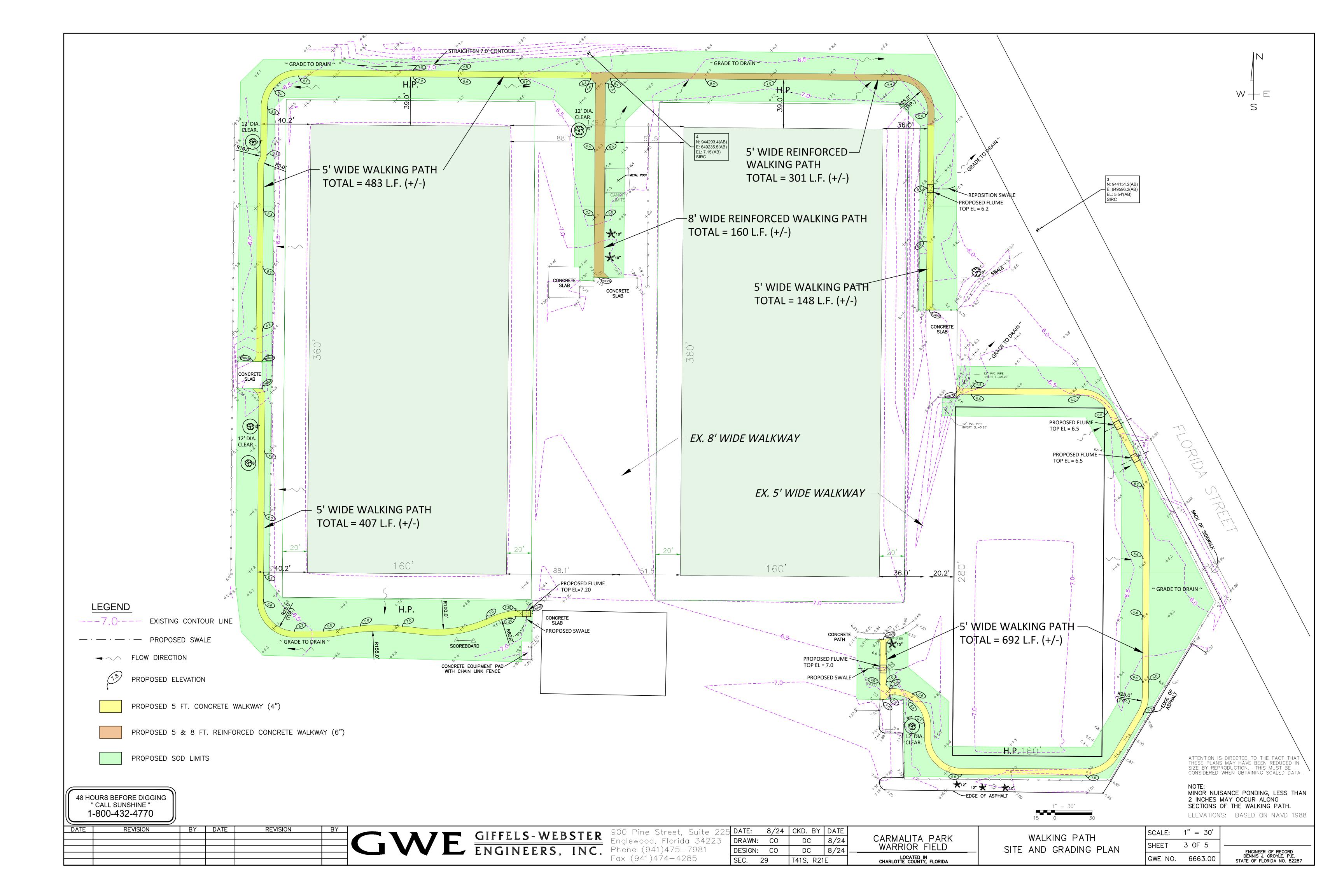


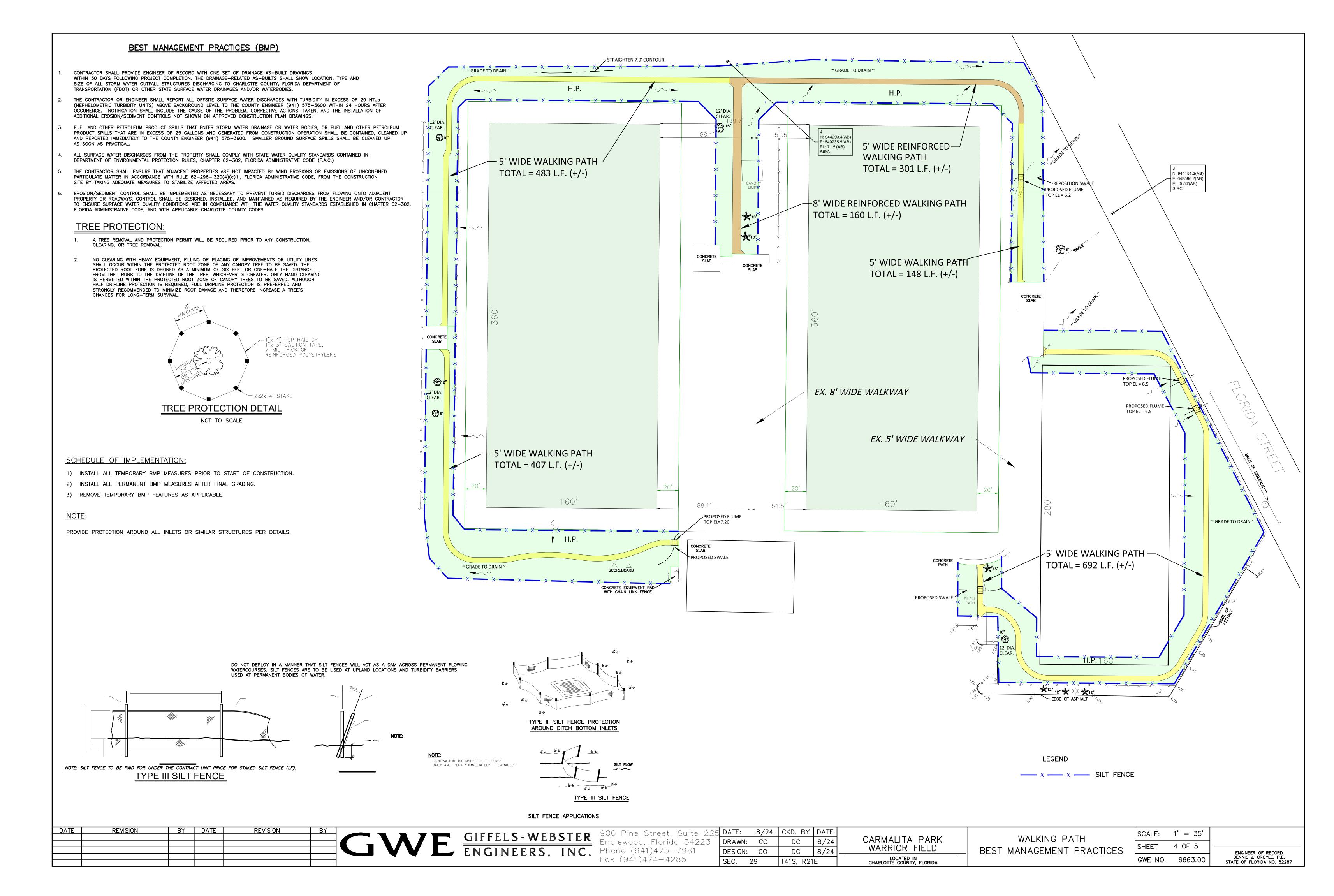
EXISTING SITE DATA: CHARLOTTE COUNTY PARCEL ID NUMBER: 412309100001 ADDRESS: 2610 CARMALITA STREET - BLDG FOOTBALL PROPERTY OWNER OF RECORD: CHARLOTTE COUNTY

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.



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GENERAL NOTES:

- ALL WORK MUST COMPLY WITH CHARLOTTE COUNTY LAND DEVELOPMENT REGULATIONS.
- NO CHANGES TO PLANS OR SPECIFICATIONS ARE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE ENGINEER.
- 3. NOTIFY THE ENGINEER IMMEDIATELY IF ANY ERRORS IN PLANS OR STAKED ALIGNMENTS ARE FOUND. 4. CONTRACTOR MUST NOTIFY UTILITY COMPANIES BEFORE STARTING CONSTRUCTION AND IS RESPONSIBLE FOR IDENTIFYING ALL UTILITIES ON-SITE.
- 5. SURVEY COMPLETED BY [INSERT NAME] ON [INSERT DATE].
- 6. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM (NAVD 88).
- COORDINATES AND EXISTING LOCATIONS ARE BASED ON THE STATE PLANE COORDINATE SYSTEM, FLORIDA WEST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83, 2011 ADJUSTMENT)
- INFORMATION REFLECTS CONDITIONS AS OF THE SURVEY DATE AND IS ONLY INDICATIVE OF THAT TIME.
- LATEST AERIAL PHOTOGRAPHY OBTAINED FROM CHARLOTTE COUNTY?S WEBSITE
- 10. CONTRACTOR MUST COORDINATE WITH UTILITY CONTRACTORS AND SUPPLIERS TO MANAGE CRITICAL PROJECT ACTIVITIES
- 11. CONTRACTOR IS RESPONSIBLE FOR PLANNING, ORGANIZING, AND SUPERVISING THE WORK EFFICIENTLY. AN EXPERIENCED ONSITE SUPERVISOR MUST DIRECT THE WORK. 12. CONTRACTOR MUST PROTECT THE SITE, ADJACENT PROPERTIES, AND ALL PROJECT-RELATED STRUCTURES, LANDSCAPING, AND FIXTURES FROM DAMAGE.
- 13. CONTRACTOR IS RESPONSIBLE FOR SECURING ALL APPLICABLE PERMITS, LICENSES, AND INSURANCE, AND MUST PROVIDE CONTACT INFORMATION FOR RESPONSIBLE PERSONNEL, INCLUDING EMERGENCY NUMBERS.
- 14. ALL FEDERAL, STATE, AND LOCAL PERMIT REQUIREMENTS AND CONDITIONS MUST MEET BEST MANAGEMENT PRACTICES
- 15. THE COUNTY WILL PROVIDE FEDERAL AND STATE PERMITS, AND THE CONTRACTOR WILL BE REIMBURSED FOR THE COST
- 16. CONTRACTOR MUST PROVIDE ALL REQUIRED TOOLS, EQUIPMENT, LABOR, AND MATERIALS NECESSARY TO COMPLETE THE WORK ACCORDING TO PROJECT TIMELINES. CONTRACTOR MUST BE FAMILIAR WITH JOB SITE ACCESS AND STAGING AREAS, WHICH ARE LIMITED AND SUBJECT TO APPROVAL BY THE COUNTY

GENERAL CONSTRUCTION NOTES:

EXCAVATION:

- CONTRACTOR IS RESPONSIBLE FOR EROSION AND SILTATION CONTROL. USE SILT FENCES, HAY BALES, OR OTHER APPROVED METHODS AS REQUIRED.
- 2. CONTRACTOR MUST PROTECT TREE ROOT SYSTEMS AND LANDSCAPE FEATURES TO BE PRESERVED 3. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SHORING, SHEETING, AND BRACING TO ENSURE SAFE AND EFFECTIVE EXCAVATION OPERATIONS. ALL EXCAVATION WORK MUST COMPLY WITH FLORIDA'S "TRENCH AND SAFETY
- ACT." IF DEWATERING IS REQUIRED. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS. 4. THE CONTRACTOR MUST TAKE ALL NECESSARY PRECAUTIONS TO PREVENT DAMAGE TO EXISTING UNDERGROUND UTILITIES. IF ANY UNMARKED UTILITIES ARE ENCOUNTERED DURING EXCAVATION, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE COUNTY'S REPRESENTATIVE OR THE ENGINEER OF RECORD (EOR).
- 5. ALL SURPLUS MATERIALS, DEBRIS, AND TRASH RESULTING FROM EXCAVATION OPERATIONS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND MUST BE REMOVED FROM THE SITE IN ACCORDANCE WITH LOCAL REGULATIONS.
- 6. CLEAR ONLY THE AREAS NECESSARY FOR CONSTRUCTION. PROPERLY DISPOSE OF ALL DEBRIS, INCLUDING STUMPS, ROOTS, TREES, ORGANIC MATERIAL, AND OBSTRUCTIONS. ANY ORGANIC SOILS OR MUCK MUST BE REMOVED AND REPLACED WITH SUITABLE BACKFILL MATERIAL. STRIP TOPSOIL WITHIN THE CLEARING LIMITS AND STOCKPILE IT FOR REUSE IN RESTORATION AREAS AFTER GRADING IS COMPLETE.

EMBANKMENT:

- 7. SUITABLE EXCAVATED MATERIAL, AS DETERMINED BY THE COUNTY'S REPRESENTATIVE & EOR, MAY BE USED FOR GRADING. PROCURE ADDITIONAL MATERIALS, WHERE NECESSARY, FROM BORROW PITS APPROVED BY THE COUNTY'S REPRESENTATIVE AND EOR. BORROW MATERIALS SHALL HAVE PLASTIC INDEX OF SIX (6) OR LESS WITH A MAXIMUM OF 20 PERCENT PASSING A 200 SIEVE.
- 8. PLACE FILL MATERIAL IN UNIFORM 6-INCH LIFTS. EACH LIFT MUST BE COMPACTED TO ACHIEVE A MINIMUM DENSITY OF 95% PER AASHTO T99 SPECIFICATIONS.
- 9. ALL FILL MATERIAL MUST CONFORM TO TYPE A-3 SPECIFICATIONS AND BE COMPACTED TO A MINIMUM DENSITY OF 95% IN 6-INCH LIFTS UNLESS OTHERWISE SPECIFIED IN THE PROJECT PLANS.
- 10. COMPACTION TESTING SHOULD BE PERFORMED AT REGULAR INTERVALS TO VERIFY COMPLIANCE WITH THE REQUIRED DENSITY. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING TESTING WITH AN INDEPENDENT GEOTECHNICAL FIRM AND SUBMITTING THE RESULTS FOR APPROVAL
- 11. THE ENGINEER OF RECORD (EOR) OR DESIGNATED REPRESENTATIVE MUST INSPECT AND APPROVE EACH LIFT BEFORE PROCEEDING TO THE NEXT LAYER TO ENSURE COMPLIANCE WITH PROJECT REQUIREMENTS

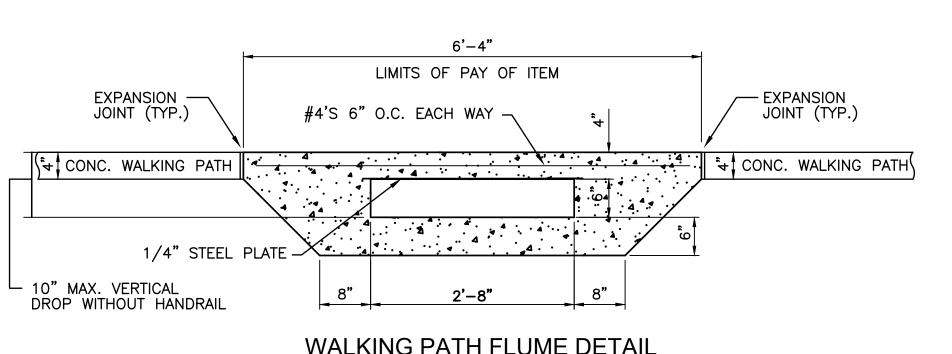
GRADING AND SITE STABILIZATION:

- 12. GRADE THE SITE TO THE FINISHED GRADE AS INDICATED ON THE PLANS. ENSURE THAT ALL DISTURBED AREAS ARE GRADED TO PROMOTE POSITIVE DRAINAGE AND STABILIZE THEM THROUGH SEEDING OR MULCHING. BEFORE REQUESTING FINAL INSPECTION, CHECK AND DRESS ALL AREAS TO THE PROPER CONTOURS. STABILIZATION MUST BE MAINTAINED UNTIL ACCEPTED BY THE COUNTY OR ENGINEER OF RECORD (EOR). ALL SITE PAVING AND GRADING MUST BE COMPLETED TO PREVENT PONDING OF WATER
- 13. BORROW MATERIAL: * SUITABLE MATERIAL: SUITABLE EXCAVATED MATERIAL, AS DETERMINED BY THE COUNTY'S REPRESENTATIVE OR EOR, MAY BE REUSED FOR GRADING. * ADDITIONAL MATERIAL: ANY ADDITIONAL MATERIAL REQUIRED FOR GRADING MUST BE PROCURED FROM APPROVED BORROW PITS.

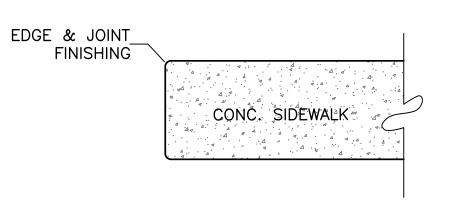
- 14. ALL CONSTRUCTION MUST COMPLY WITH ADA AND FLORIDA ACCESSIBILITY CODE AT CURBS, GUTTERS, AND SIDEWALKS.
- 15. SIDEWALKS MUST HAVE EXPANSION JOINTS EVERY 100 FEET AND CONTRACTION JOINTS NO MORE THAN 10 FEET APART.
- 16. SUBMIT CONCRETE MIX DESIGNS TO THE ENGINEER FOR APPROVAL
- 17. CONCRETE MUST BE PLACED WITHIN 1.5 HOURS OF MIXING. 18. CONTRACTOR RESPONSIBLE FOR ACHIEVING SATISFACTORY CONCRETE SURFACES. IF UNSATISFACTORY, CONTRACTOR SHALL REPLACE AT NO COST TO THE COUNTY.
- 19. CONSOLIDATE CONCRETE BY SUITABLE MEANS OR VIBRATORS; ENSURE THOROUGH COMPACTION, ESPECIALLY IN THIN SECTIONS.
- 20. REMOVE FORMS FROM ONCE CONCRETE REACHES 70% OF SPECIFIED STRENGTH OR WITH ENGINEER?S APPROVAL. 21. REINFORCING STEEL SHALL BE GRADE 60, FREE OF OIL, SCALE, AND RUST, PLACED PER ACI 318 STANDARDS.
- 22. CONCRETE COVERAGE OVER STEEL REINFORCING SHALL BE 3 INCHES MINIMUM.
- 23. USE 3,000 PSI CLASS 1 CONCRETE FOR SIDEWALKS, WITH FIBERMESH REINFORCEMENT.

SODDING:

- 24. CONTRACTOR TO SOD ALL DISTURBED AREAS AND MAINTAIN SLOPES AND SOD UNTIL PROJECT COMPLETION.
- 25. SODDING IS REQUIRED AT THE BACK OF ALL CURBS, PAVEMENT EDGES, SWALES, AND DETENTION AREAS.

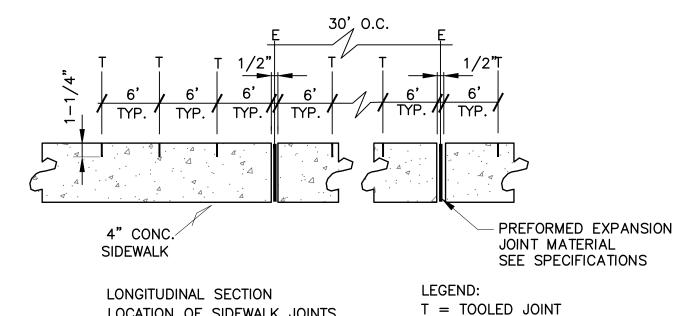


WALKING PATH FLUME DETAIL NOT TO SCALE



ALL CONCRETE SIDEWALK EDGES, INCLUDING THOSE AT FORMED JOINTS, SHALL BE FINISHED WITH AN EDGER HAVING A RADIUS OF 3 mm. 1/8 INCH. TRAVERSE JOINT SHALL BE EDGED BEFORE BROOMING, AND THÉ BROOMING SHALL ELIMINATE THE FLAT SURFACE LEFT BY THE SURFACE FACE OF THE EDGER. CORNERS AND EDGES WHICH HAVE CRUMBLED AND AREAS WHICH LACK SUFFICIENT MORTAR FOR PROPER FINISHING SHALL BE CLEANED AND FILLED SOLIDLY WITH A PROPERLY PROPORTIONED MORTAR MIIXTURE AND THEN FINISHED.

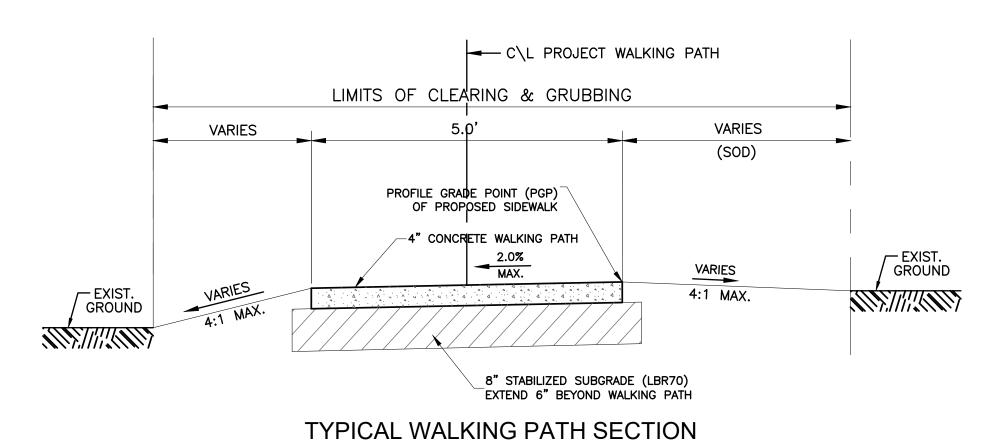
FINISHING EDGE OF CONCRETE SIDEWALK DETAIL NOT TO SCALE



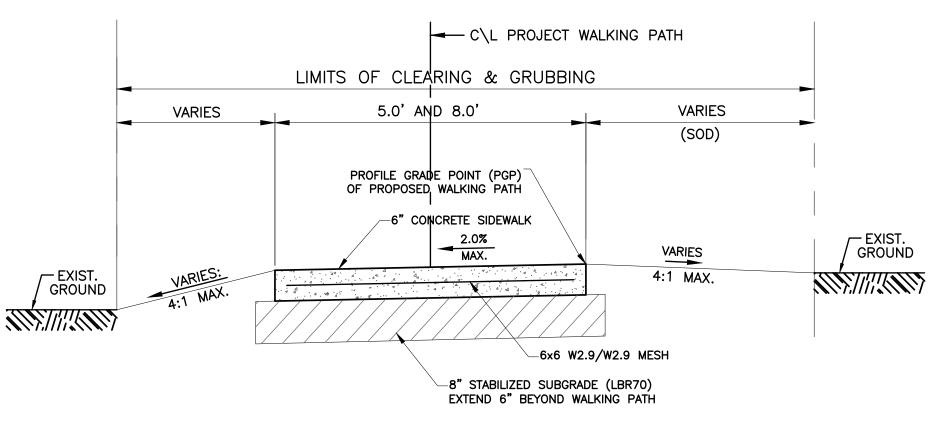
LOCATION OF SIDEWALK JOINTS

E = EXPANSION JOINT W/ ZIP STRIP

EXPANSION & TOOLED JOINTS DETAIL NOT TO SCALE



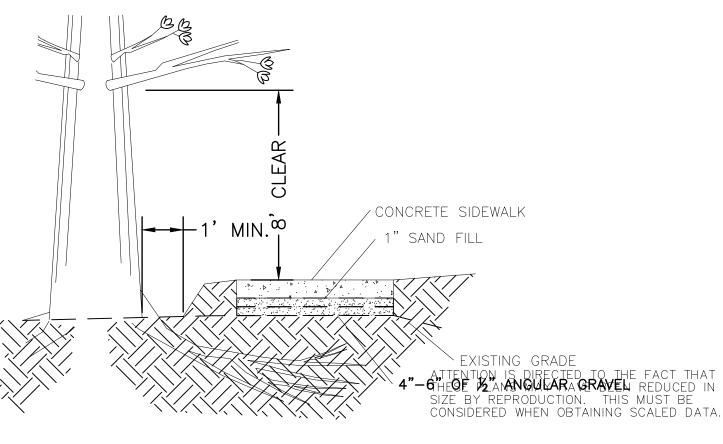
NOT TO SCALE



TYPICAL REINFORCED WALKING PATH SECTION NOT TO SCALE

THE TREES SHOWN ON PLANS SHALL BE UNDISTURBED DURING CONSTRUCTION ACTIVITIES. ANY PRUNING DONE TO THE TREE SHALL BE DONE BY A CERTIFIED TREE SERVICE UNDER THE SUPERVISION OF A COUNTY FORESTER. BARRICADES MAY BE REQUIRED OF THE CONTRACTOR IF THE COUNTY DEEMS IT NECESSARY. EXISTING GRADE AND ALL TREE ROOTS SHALL BE MAINTAINED. THE CONTRACTOR SHALL PROVIDE CLEAN SAND FILL WITHIN THE AFFECTED AREA OF THE DRIP LINE AS DETERMINED BY THE COUNTY.

IF EXCAVATION IS REQUIRED, CUT ROOTS BY HAND TO MINIMIZE DISTURBANCE



ROOT PRUNING DETAIL NOT TO SCALE

48 HOURS BEFORE DIGGING " CALL SUNSHINE " 1-800-432-4770

ΤE	REVISION	BY	DATE	REVISION	BY				
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							VV	ENGINEERS,	INC.
								LINGINELKS,	114 .

)	900 Pine Street, Suite 225	DAT
=	Englewood, Florida 34223	DRA
•		DES
	Fax (941)474-4285	SEC

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CARMALITA PARK WARRIOR FIELD LOCATED IN CHARLOTTE COUNTY, FLORIDA

WALKING PATH NOTES & DETAILS

SCALE: N.T.S. 5 OF 5 SHEET GWE NO. 6663.00

ENGINEER OF RECORD DENNIS J. CROYLE, P.E. STATE OF FLORIDA NO. 82287