ENGINEERING PLANS PAVING, GRADING, & DRAINAGE IMPROVEMENTS

FOR

LIMESTONE LANDING

JUPITER, FL 33458

OWNER: GREY JUPITER INVESTMENTS, LLC

4512 FLAGLER DRIVE, SUITE 206 WEST PALM BEACH, FL 33407



LOCATION MAP

N.T.S.

SEC. 24 TWP. 43S RGE. 42E

PREPARED BY: Last Devenport, Inc.

1860 Old Okeechobee Road, Suite 504 West Palm Beach, FL 33409 phone (561)615-6567 fax (561)683-0872 EB 9889

INDEX OF SHEETS

SHEET No.	DESCRIPTION
1	COVER SHEET
2	DEMOLITION PLAN
3-4	PAVING, GRADING & DRAINAGE PLAN
5	DRAINAGE AREA MAP
6	PAVEMENT MARKING & SIGNAGE PLAN
7	STORMWATER POLLUTION PREVENTION PLAN
8	GENERAL NOTES
9-11	PAVING, GRADING & DRAINAGE DETAILS

ALL ELEVATIONS INDICATED HEREON ARE NAVD 88
VERTICAL DATUM BASED ON SURVEY PROVIDED BY:
JOHN E. PHLLIPS III, PLS #4826
BROWN & PHILLIPS, INC. LB #6473
1860 OLD OKEECHOBEE ROAD, STE. 509
WEST PALM BEACH, FL 33409 TEL:(561) 615-3988

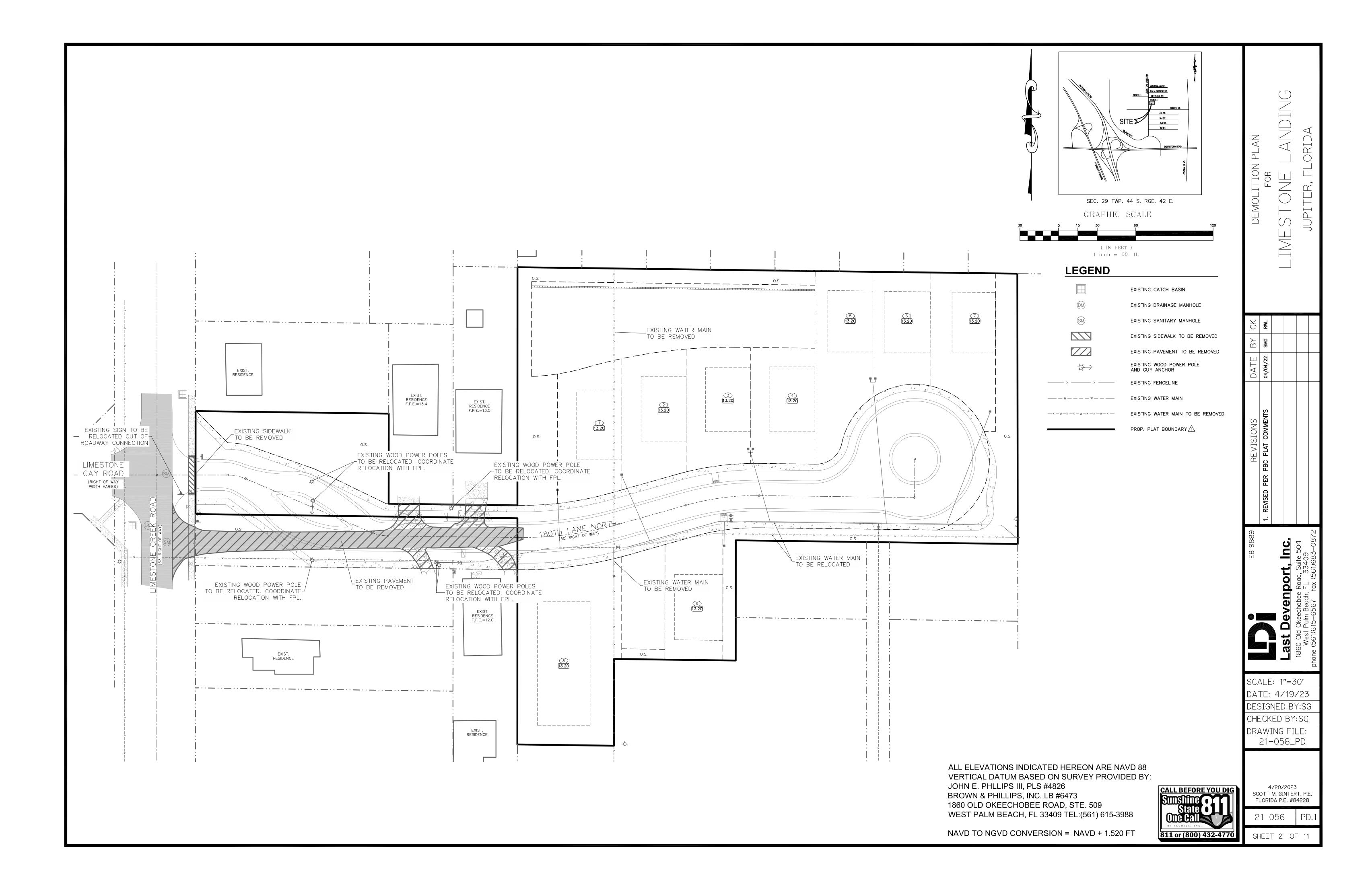


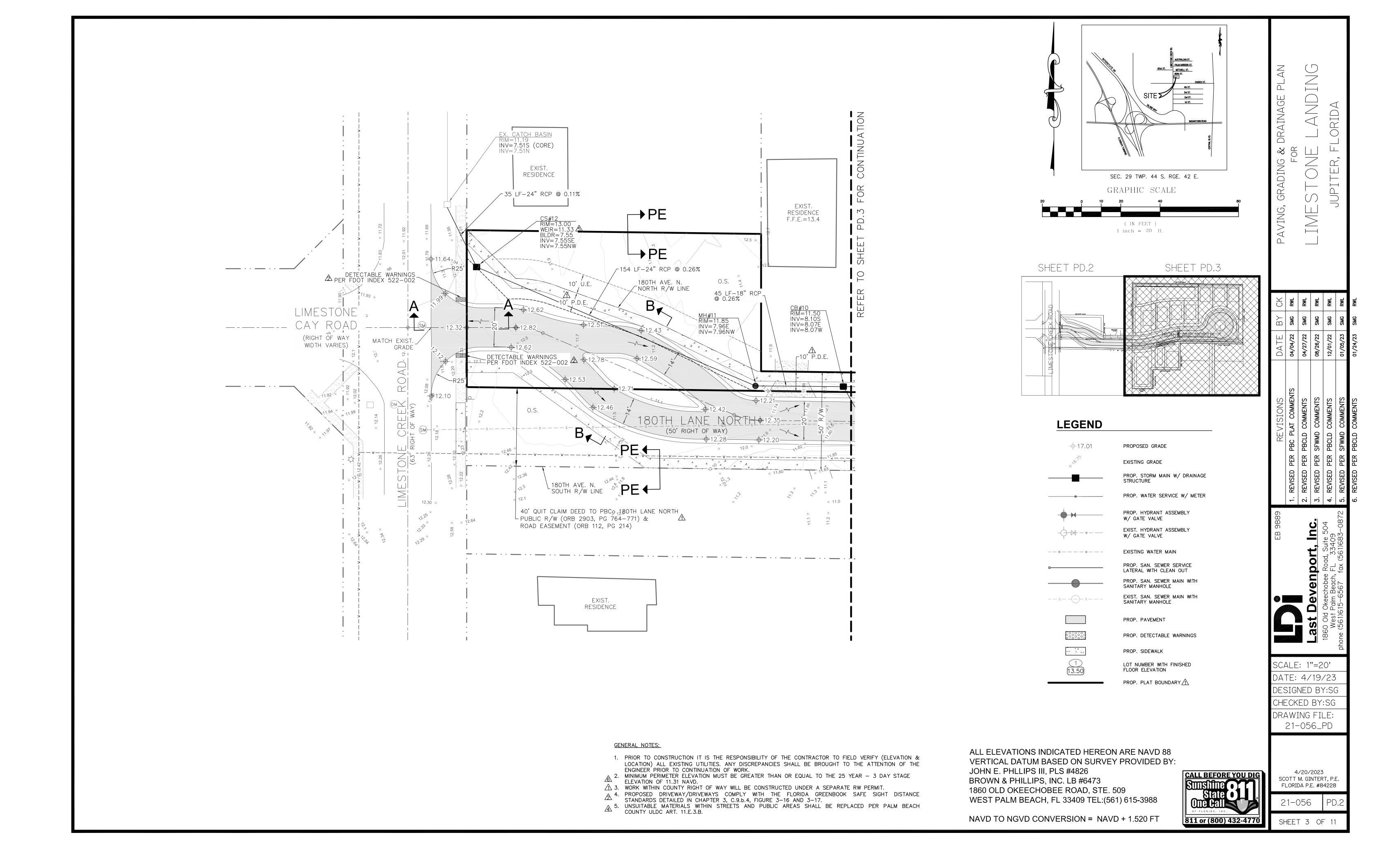
BID SET
PERMIT SET
CONSTRUCTION SET

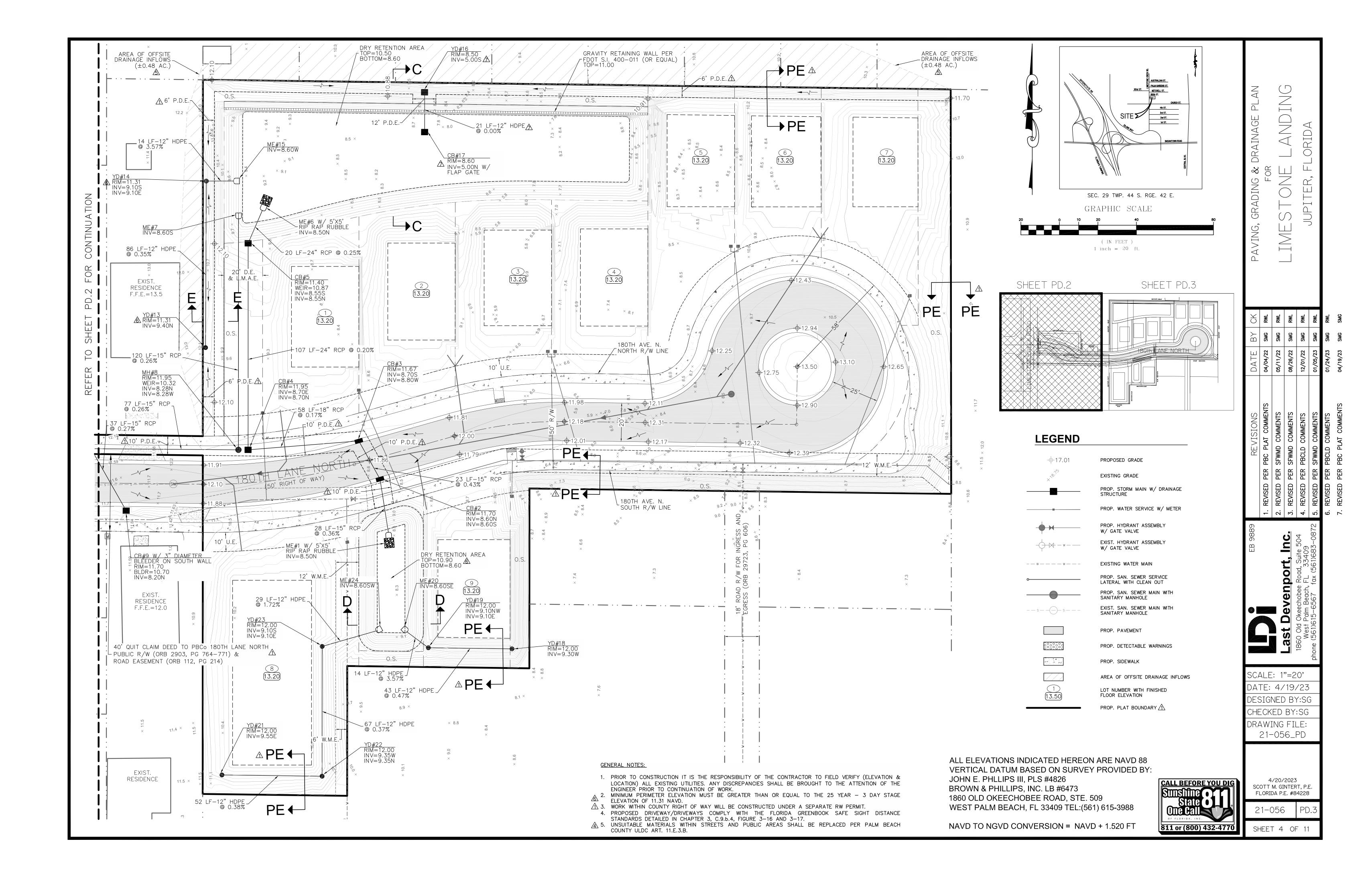
4/20/2023
SCOTT M. GINTERT, P.E. FLORIDA P.E. #84228

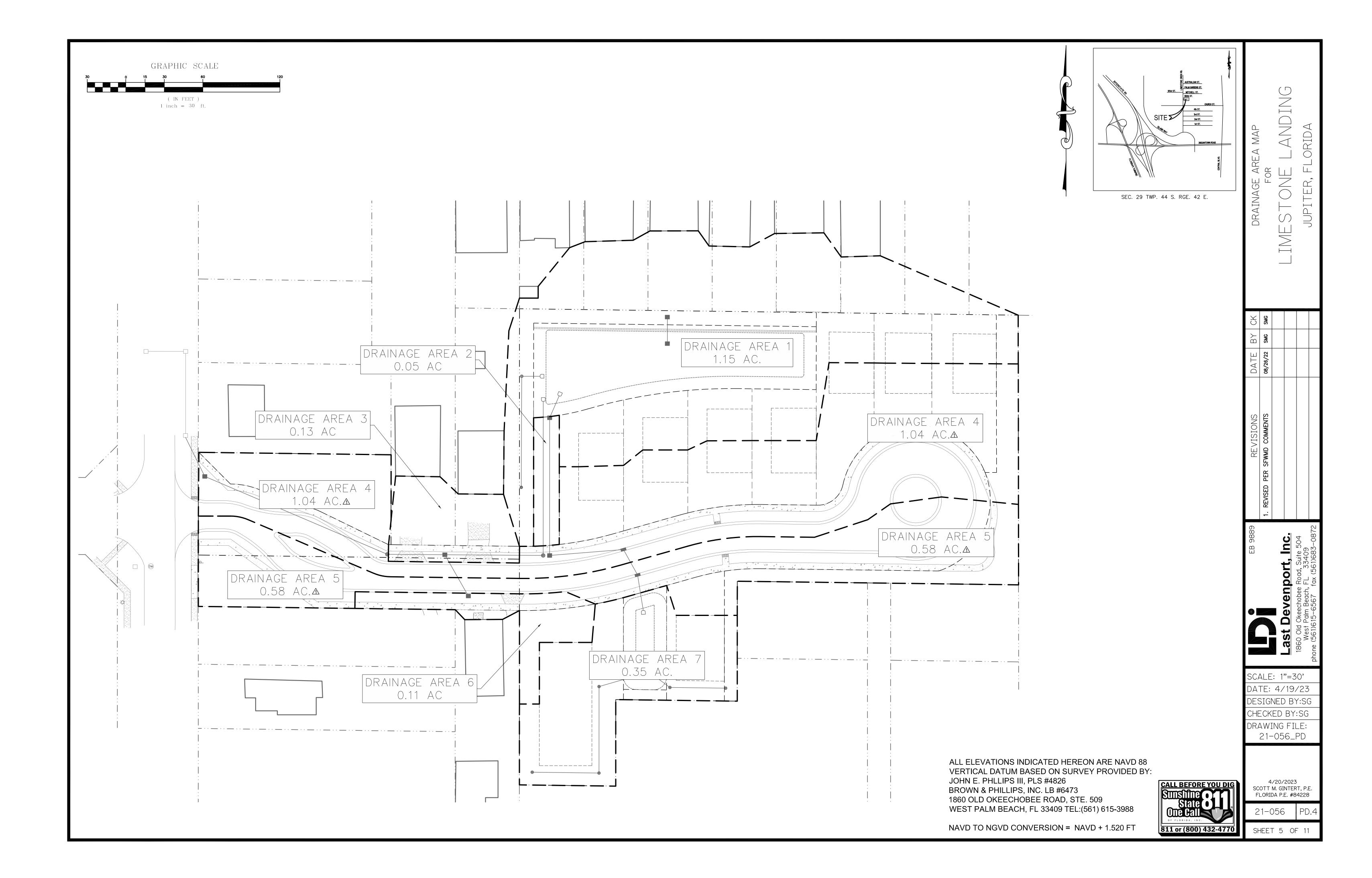
21-056 COV

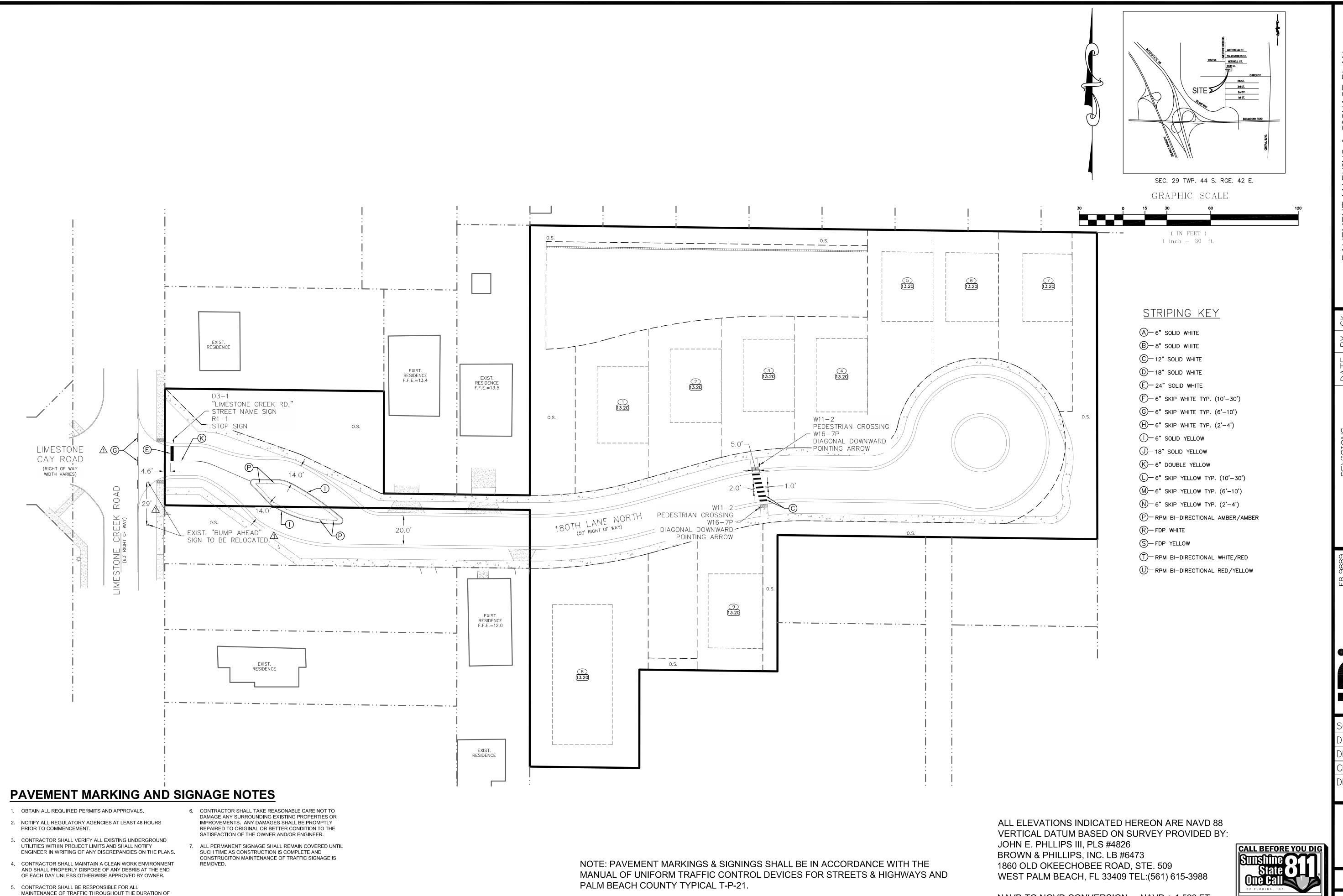
NAVD TO NGVD CONVERSION = NAVD + 1.520 FT











CONSTRUCTION.

MARKING & SIGNAGE PLAN FOR ANDING PAVEMENT

<u>lnc.</u>

as SCALE: 1"=30" DATE: 4/19/23 DESIGNED BY:SG CHECKED BY:SG

DRAWING FILE: 21-056_PD

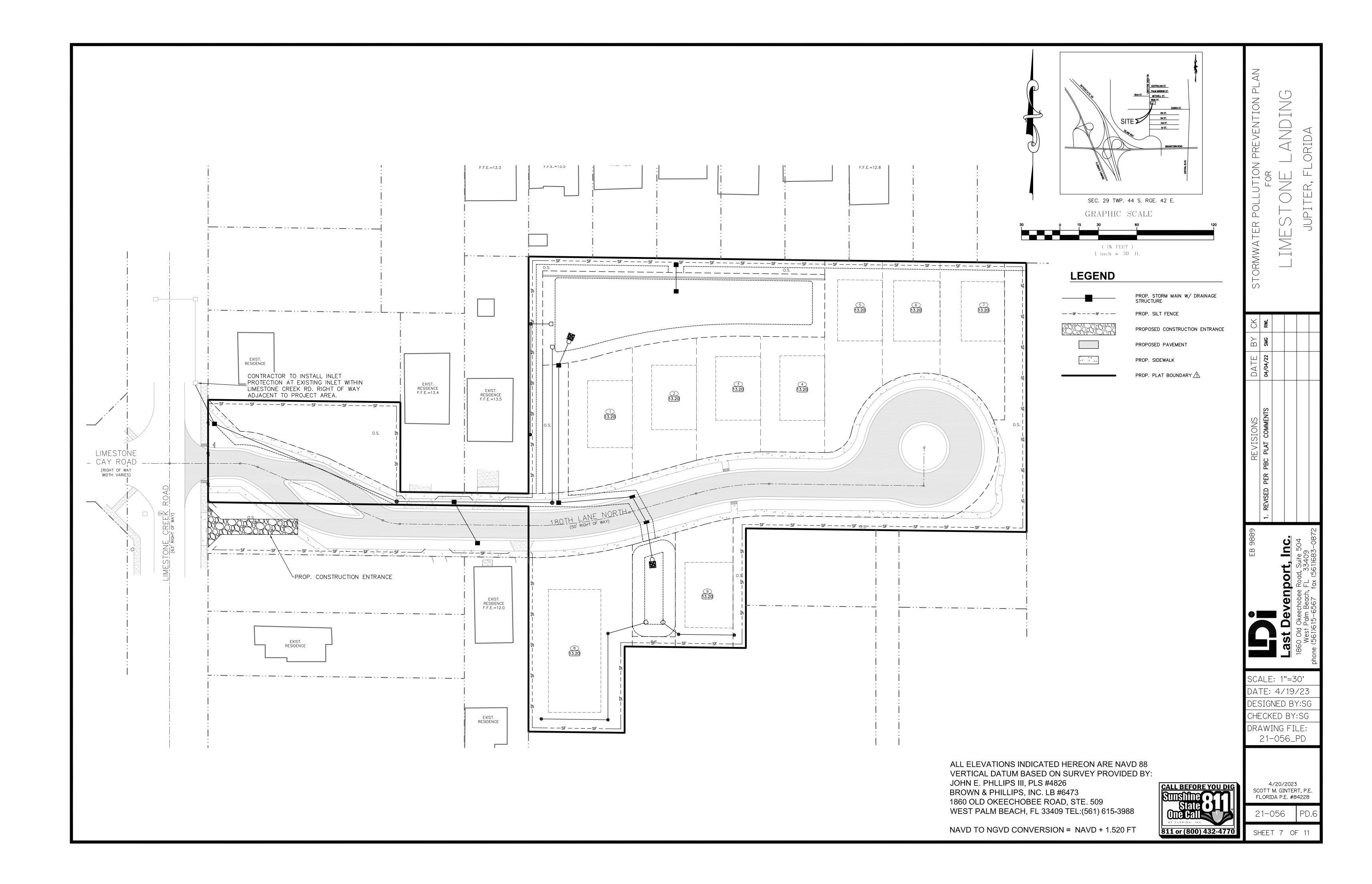
4/20/2023

SCOTT M. GINTERT, P.E. FLORIDA P.E. #84228

SHEET 6 OF 11

811 or (800) 432-4770

NAVD TO NGVD CONVERSION = NAVD + 1.520 FT



GENERAL CONSTRUCTION NOTES

FLORIDA WATER MANAGEMENT DISTRICT.

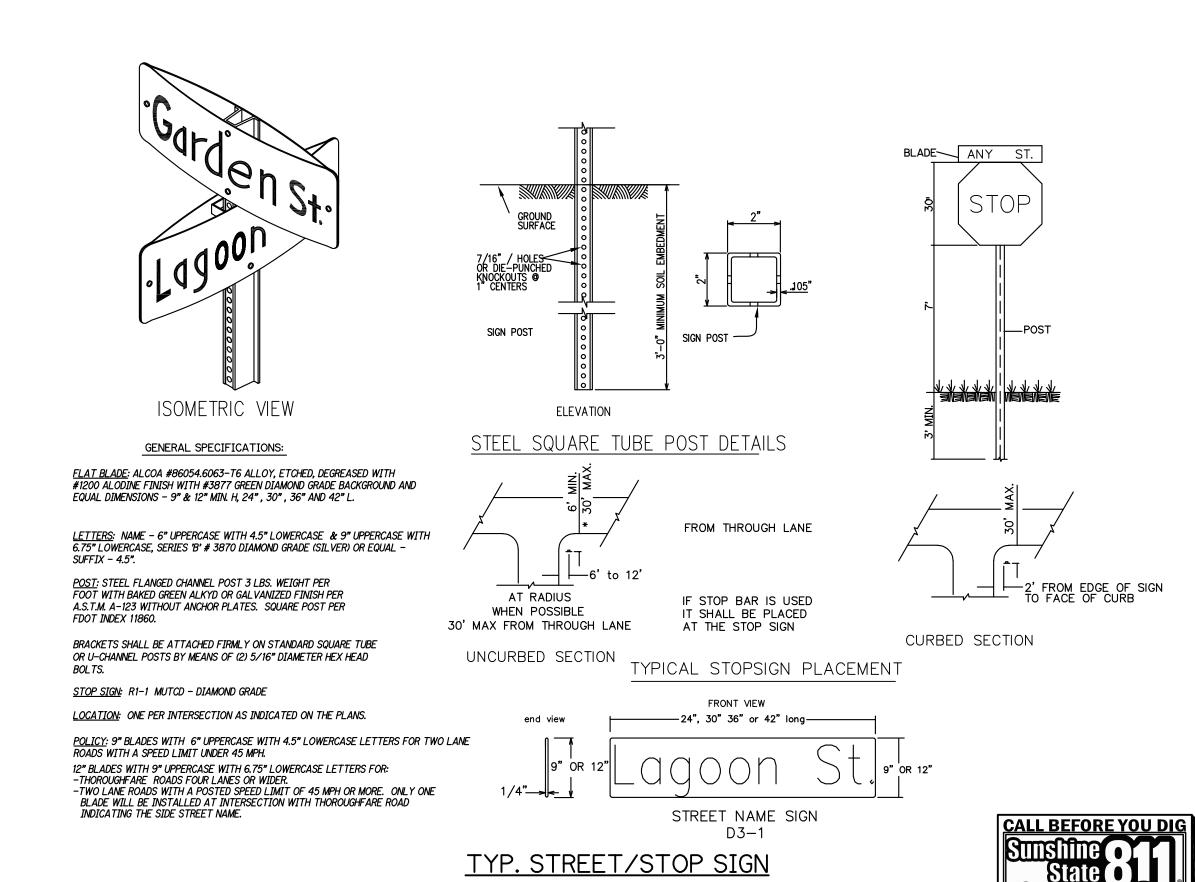
- ALL CHANGES SHALL BE APPROVED IN WRITING BY THE ENGINEER OF RECORD.
- 2. ALL WORK SHALL BE DONE IN A WELL EXECUTED MANNER AND SHALL CONFORM TO ALL APPLICABLE CITY, COUNTY, STATE OR FEDERAL REGULATIONS AND/OR CODES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND LICENSES REQUIRED PRIOR TO INITIATING THE WORK.
- SEQUENCE OF CONSTRUCTION THE SEQUENCE OF CONSTRUCTION SHALL BE SUCH THAT ALL UNDERGROUND INSTALLATIONS OF EVERY KIND THAT ARE BENEATH THE PAVEMENT, SHALL BE IN PLACE AND HAVE PROPER DENSITY PRIOR TO THE CONSTRUCTION AND COMPACTION OF THE SUBGRADE.
- THE CONTRACTOR SHALL CALL CALL THE SUNSHINE STATE ONE CALL AT 811 OR 1-888-432-4770 48 HOURS BEFORE DIGGING FOR FIELD LOCATIONS OF UNDERGROUND UTILITIES.
- AS-BUILTS CONTRACTOR SHALL MAINTAIN AN "AS-BUILT" SET OF DRAWINGS TO RECORD THE EXACT LOCATION OF ALL PIPING AND PIPE INVERT ELEVATIONS PRIOR TO CONCEALMENT. DRAWINGS SHALL BE GIVEN TO THE OWNER UPON COMPLETION OF THE PROJECT.
- ELEVATIONS ALL ELEVATIONS INDICATED HEREON ARE NAVD 88 VERTICAL DATUM. CONTRACTOR SHALL FIELD VERIFY ALL ELEVATIONS PRIOR TO COMMENCEMENT AND SHALL NOTIFY ENGINEER IN WRITING OF ANY CONFLICTS. FAILURE TO DO SO SHALL SERVE AS CONTRACTOR'S ACCEPTANCE OF ALL EXISTING GRADES IN "AS-IS, WHERE-IS" CONDITION.
- PROTECT ALL PROPERTY MONUMENTS AND PINS. MONUMENTS AND PINS THAT WILL BE DISTURBED DURING CONSTRUCTION SHALL BE REFERENCED AND REPLACED BY A LICENSED LAND SURVEYOR.
- CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SUCH THAT WORKMEN AND THE PUBLIC WILL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY PROTECTED FROM DAMAGE.
- . CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE UPON COMPLETION OF THE PROJECT AND AT LEAST ONCE A DAY DURING
- 10. CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL DUE TO CONSTRUCTION OPERATIONS. ALL STREET SURFACES, UTILITY POLES, CULVERTS, DITCHES, CURB AND GUTTER OR OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MANNER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR IN ACCORDANCE WITH THE APPROPRIATE SPECIFICATIONS.
- 1. IF DEPARTURES FROM THE DRAWINGS OR SPECIFICATIONS ARE DEEMED NECESSARY BY THE CONTRACTOR, DETAILS OF SUCH DEPARTURES AND REASONS THEREOF SHALL BE SUBMITTED IN WRITING TO THE OWNER FOR REVIEW. NO DEPARTURES FROM THE CONTRACT DOCUMENTS WILL BE ALLOWED WITHOUT APPROVAL BY THE ENGINEER OF RECORD.
- 12. ANY AND ALL QUANTITIES SHOWN OR IMPLIED ON THE PLANS ARE FOR ESTIMATION PURPOSES ONLY. 13. PRIOR TO ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR WILL NOTIFY THE ENGINEER OF RECORD, AT A MINIMUM, 48 HOURS PRIOR TO COMMENCING CONSTRUCTION. FURTHERMORE, PRECONSTRUCTION MEETINGS MAY BE REQUIRED WITH ALL AGENCIES HAVING JURISDICTION OVER THE PROJECT PRIOR TO COMMENCEMENT OF CONSTRUCTION. THESE MAY INCLUDE BUT NOT BE LIMITED TO PALM BEACH COUNTY ENGINEERING AND SOUTH
- 14. GRADES SHOWN ARE FINISHED GRADE SPOT ELEVATIONS. CONTRACTOR SHALL GRADE ROADWAY TO DRAIN TO PROPOSED CATCH BASINS AND DETENTION AREAS. ANY CONFLICTS SHALL BE PRESENTED TO ENGINEER IN WRITING FOR RESOLUTION PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 15. CLEARING AND GRUBBING WITHIN THE LIMITS OF CONSTRUCTION, ALL VEGETATION AND ROOT MATERIAL SHALL BE REMOVED. CONTRACTOR SHALL TAKE DUE CARE NOT TO DISTURB ADJACENT PROPERTIES AND SHOULD ANTICIPATE HAND CLEARING, CUTTING, STUMP GRINDING AND REMOVAL FOR
- 16. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE SO THAT RUNOFF WILL FLOW BY GRAVITY AWAY FROM ADJACENT PROPERTIES TO NEW OR EXISTING STORM DRAIN INLETS, SWALES, DITCHES OR RETENTION AREAS TO THE GREATEST EXTENT PRACTICABLE.
- 17. GUMBO WHERE GUMBO OR OTHER PLASTIC CLAYS ARE ENCOUNTERED, THEY SHALL BE REMOVED WITHIN THE ROADWAY AND PARKING AREAS ONE FOOT BELOW THE SUBGRADE EXTENDING HORIZONTALLY TO THE OUTSIDE EDGE OF THE SHOULDER AREA. 18. HARDPAN - IF HARDPAN IS ENCOUNTERED IN THE SWALE AREA, IT WILL BE REMOVED TO A WIDTH OF TWO FEET AT THE SWALE INVERT AND REPLACED WITH GRANULAR MATERIAL.
- 19. MUCK, PEAT AND DELETERIOUS MATERIALS ENCOUNTERED IN THE ROADWAY SHALL BE REMOVED COMPLETELY TO THE MAXIMUM EXTENT POSSIBLE AND SHALL BE BACKFILLED WITH GRANULAR MATERIAL AND IN NO CASE SHALL REMAIN UNDER ANY PAVED AREAS.
- 20. WHERE SOD IS DESIRED, LOWER THE GROUND 2 INCHES BELOW THE FINISHED GRADE TO ALLOW FOR THE THICKNESS OF THE SOD.
- 21. PIPE BACKFILL REQUIREMENTS FOR PIPE BACKFILL CROSSING ROADS OR PARKING AREAS SHALL BE DEFINED IN THE FLORIDA D.O.T. SPECIFICATIONS, LATEST EDITION. PIPELINE BACKFILL SHALL BE PLACED IN SIX INCH LIFTS AND COMPACTED TO 98% OF THE STANDARD PROCTOR (A.A.S.H.T.O.) T-180 SPECIFICATIONS.
- 22. UTILITIES IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THE EXACT LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES, WHETHER SHOWN OR NOT, PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION. NOTIFY ENGINEER PRIOR
- TO CONSTRUCTION OF ANY DEVIATION FROM WHAT IS SHOWN ON THE PLAN. 23. ALL PIPE LENGTHS AND CENTERLINE SLOPE LENGTHS SHOWN ON THESE DRAWINGS ARE SCALED DISTANCES. THE CONTRACTOR SHALL CONFIRM ALL
- MEASUREMENTS IN THE FIELD AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCY WITH THE DRAWINGS PRIOR TO PERFORMING THE WORK. 24. INLETS AND MANHOLES - ALL INLETS AND MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH FLORIDA D.O.T. STANDARDS SPECIFICATIONS, LATEST EDITION AND PALM BEACH COUNTY DESIGN STANDARDS, LATEST EDITION UNLESS OTHERWISE APPROVED BY ENGINEER OF RECORD.
- 25. REINFORCED CONCRETE PIPE (RCP) UNLESS OTHERWISE NOTED ON PLANS, THE PIPE SHALL CONFORM WITH THE REQUIREMENTS OF CLASS III OF A.S.T.M. C-76 AND WITH THE FLORIDA D.O.T. SPECIFICATIONS, LATEST EDITION. ALL PIPE JOINTS, INCLUDING THE FIRST JOINT OF PIPE ENTERING OR LEAVING A MANHOLE OR INLET SHALL BE WRAPPED WITH FILTER FABRIC PER F.D.O.T. AND PALM BEACH COUNTY SPECIFICATIONS.
- 26. CORRUGATED METAL PIPE (CMP) SHALL CONFORM WITH THE REQUIREMENTS OF AASHTO M36, A.S.T.M. A760 AND WITH THE FLORIDA D.O.T. SPECIFICATIONS, LATEST EDITION. ALL PIPE JOINTS, INCLUDING THE FIRST JOINT OF PIPE ENTERING OR LEAVING A MANHOLE OR INLET SHALL BE WRAPPED WITH FILTER FABRIC PER F.D.O.T. AND PALM BEACH COUNTY SPECIFICATIONS.
- 27. HIGH DENSITY POLYETHYLENE PIPE (HDPE) SHALL CONFORM WITH ALL AASHTO AND ASTM STANDARDS AND GUIDELINES SPECIFIC TO THE PIPE SIZE, MATERIAL AND INSTALLATION REQUIREMENTS. ALL PIPE JOINTS, INCLUDING THE FIRST JOINT OF PIPE ENTERING OR LEAVING A MANHOLE OR INLET SHALL BE WRAPPED WITH FILTER FABRIC PER F.D.O.T. AND PALM BEACH COUNTY SPECIFICATIONS.
- 28. ALL PAVING AND DRAINAGE WORK SHALL BE CONSTRUCTED IN FULL ACCORDANCE WITH PALM BEACH COUNTY, SOUTH FLORIDA WATER MANAGEMENT DISTRICT AND FDOT LATEST STANDARDS. ANY CONFLICTS BETWEEN THE STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN
- WRITING BY THE CONTRACTOR FOR RESOLUTION. 29. ANY EXISTING ROADWAY AND/OR UTILITY THAT IS DAMAGED BY THE CONTRACTOR SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE TO THE
- SATISFACTION OF THE ENGINEER. 30. SUBGRADE - SHALL BE STABILIZED TO LBR 40 AND COMPACTED AS NOTED ON THE PLANS TO MEET THE DENSITY REQUIREMENTS AS DETERMINED BY THE A.A.S.H.T.O. T—180 SPECIFICATIONS. SUBGRADE SHALL EXTEND 12 INCHES BEYOND THE PROPOSED EDGE OF PAVEMENT AND/OR 6" BEYOND VALLEY GUTTER. TYPE "F" CURB & GUTTER OR TYPE "D" CURB. SUBGRADE SHALL BE 12 INCHES THICK COMPACTED TO 98% ACCORDING TO A.A.S.H.T.O. T-180. ALL MUCK, STUMPS, ROOTS OR OTHER DELETERIOUS MATTER ENCOUNTERED IN THE PREPARATION OF THE SUBGRADE SHALL BE REMOVED IN ACCORDANCE WITH NOTE 15.
- 31. BASE SHALL BE FDOT APPROVED LIMEROCK MATERIAL SHALL BE COMPACTED TO NOT LESS THAN 98% MAXIMUM DENSITY AS DETERMINED BY A.A.S.H.T.O. T-180 SPECIFICATIONS AND AS CALLED FOR IN FLORIDA D.O.T. SPECIFICATIONS, LATEST EDITION. BASE SHALL BE PLACED AND COMPACTED IN TWO (2) EQUAL LAYERS WHEN PLACED IN MULTIPLE LIFTS. ALTERNATE APPROVED BASE MATERIALS MAY BE UTILIZED AT THE DISCRETION OF THE ENGINEER AND WITH APPROVAL FROM PALM BEACH COUNTY ENGINEERING.
- 32. PRIME COAT BITUMINOUS PRIME COAT SHALL CONFORM WITH THE REQUIREMENTS OF THE FLORIDA D.O.T. SPECIFICATIONS, LATEST EDITION AND SHALL BE APPLIED AT THE RATE OF 0.25 GALLONS PER SQUARE YARD, UNLESS A LOWER RATE IS DIRECTED BY THE ENGINEER.
- 33. TACK COAT BITUMINOUS TACK COAT SHALL CONFORM WITH THE REQUIREMENTS OF THE FLORIDA D.O.T. SPECIFICATIONS, LATEST EDITION AND SHALL BE APPLIED AT THE RATE OF 0.08 GALLONS PER SQUARE YARD, UNLESS A VARIATION IS APPROVED BY THE ENGINEER.
- 34. SURFACE COURSE ASPHALTIC CONCRETE SURFACE COURSE SHALL CONFORM WITH THE REQUIREMENTS OF THE FLORIDA D.O.T. SPECIFICATIONS, LATEST EDITION. THE MINIMUM COMPACTED THICKNESS TO BE AS NOTED ON PLANS. 35. PAVEMENT MARKINGS - SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, PALM
- BEACH COUNTY TYPICALS FOR PAVEMENT MARKINGS, SIGNING & GEOMETRICS (LATEST EDITION), AND THE REQUIREMENTS OF THE FLORIDA D.O.T.
- 36. CONCRETE ALL CONCRETE SHALL DEVELOP 2500 P.S.I. (MINIMUM) 28 DAY COMPRESSIVE STRENGTH OR GREATER WHERE NOTED ON PLANS. CLASS I CONCRETE SHALL CONFORM WITH THE FLORIDA D.O.T. SPECIFICATIONS, LATEST EDITION. CLASS I CONCRETE USED AS PAVING SHALL DEVELOP 3000 P.S.I. (MINIMUM) 28 DAYS COMPRESSIVE STRENGTH.
- 37. ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN CHANGED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.
- 38. THE CONTRACTOR SHALL CONFINE CONSTRUCTION ACTIVITIES TO OWNER-SUPPLIED PROPERTY, EASEMENTS AND RIGHTS-OF-WAYS.
- 39. APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS AND COORDINATED WITH ENGINEER OF RECORD.
- 40. MAINTENANCE OF TRAFFIC SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE IN ACCORDANCE WITH THE FDOT DESIGN STANDARDS,
- 41. CLEAN UP: THE CONTRACTOR SHALL KEEP THE CONSTRUCTION SITE FREE OF RUBBISH AND WASTE MATERIALS AND RESTORE TO THEIR ORIGINAL CONDITION THOSE PORTIONS OF THE SITE NOT DESIGNATED FOR ALTERATION BY THE CONTRACT DOCUMENTS. CLEAN UP AND RESTORATION SHALL BE ACCOMPLISHED ON A DAILY BASIS THROUGHOUT THE CONTRACT PERIOD.
- 42. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ADEQUATE SIGNS, BARRICADES, FLASHING LIGHTS, FLAGMEN, AND WATCHMEN AND TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF THE WORK AND THE SAFETY OF THE PUBLIC. TRAFFIC CONTROL WARNING SIGNS AND BARRICADES SHALL BE IN STRICT ACCORDANCE WITH THE PROVISIONS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION, MANUAL ON TRAFFIC CONTROLS AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATION (LATEST REVISION). WHERE APPLICABLE ALI BARRICADES AND OBSTRUCTIONS SHALL BE PROTECTED AT NIGHT BY FLASHING SIGNAL LIGHTS WHICH SHALL BE KEPT BURNING FROM SUNSET SUNRISE. BARRICADES SHALL BE OF SUBSTANTIAL CONSTRUCTION AND SUITABLE FOR NIGHT VISIBILITY. SUITABLE WARNING SIGNS SHALL BE SO PLACED AND ILLUMINATED AT NIGHT AS TO SHOW IN ADVANCE WHERE CONSTRUCTION, BARRICADES OR DETOURS EXIST (AS NECESSARY).
- 43. SHOULD DEWATERING BE REQUIRED FOR THE INSTALLATION OF UNDERGROUND STRUCTURES, DISCHARGES SHALL BE CONTAINED ONSITE. LOCATION OF IMPOUNDMENT SHALL BE WITHIN THE PROPOSED RETENTION AREAS. A WATER USE PERMIT IS REQUIRED FOR DEWATERING ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING DEWATERING PERMITS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 44. CONTRACTOR SHALL PUT INTO PLACE SUCH TEMPORARY EROSION CONTROL MEASURES AS INDICATED ON THE PLANS. THESE MEASURES SHALL BE INSPECTED AND EVALUATED DURING CONSTRUCTION OPERATION FOR THEIR EFFECTIVENESS IN PREVENTING EROSION MATERIAL AND SEDIMENT FROM DISCHARGING FROM THE WORK AREA. IF REQUIRED, AND AS DIRECTED BY THE COUNTY INSPECTOR, ADDITIONAL TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTITUTED AND INSTALLED. ALL BEST MANAGEMENT PRACTICES ITEMS (EG. SILT FENCE, CONSTRUCTION ENTRANCES, ETC.) SHALL BE IN CONFORMANCE WITH THESE PLANS AND THE FDOT DESIGN STANDARDS, LATEST EDITION.
- 45. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO EARTHMOVING ACTIVITIES. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN A LOG OF CHANGES TO THE EROSION AND SEDIMENT CONTROL MEASURES INSTALLED OR REMOVED FROM THE SITE. A NPDES GENERAL NOI PERMIT FOR CONSTRUCTION ACTIVITIES SHALL BE OBTAINED FOR THE CONSTRUCTION ACTIVITIES PROPOSED IN THESE PLANS AND THE CONTRACTOR SHALL MAINTAIN INSPECTION RECORDS IN ACCORDANCE WITH THE NPDES PERMIT
- 46. GUARANTEE ALL MATERIAL AND EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR UNDER THIS CONTRACT SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE THEREOF AGAINST DEFECTIVE MATERIALS, DESIGN AND WORKMANSHIP. UPON NOTICE FROM THE OWNER OF FAILURE OF ANY PARTS OR MATERIALS, THOSE PARTS OR MATERIALS SHALL BE REPLACED PROMPTLY AT NO EXPENSE TO THE OWNER.

PAVEMENT MARKING AND SIGNAGE NOTES

- 1. OBTAIN ALL REQUIRED PERMITS AND APPROVALS.
- 2. NOTIFY ALL REGULATORY AGENCIES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT.
- 3. ALL PAVEMENT MARKING AND SIGNAGE SHALL BE INSTALLED IN ACCORDANCE WITH PALM BEACH COUNTY, AASHTO, MUTCD AND FDOT WHEREVER APPLICABLE. INSTALLATION SHALL INCLUDE PLACEMENT OF ALL REQUIRED REFLECTIVE PAVEMENT MARKERS (RPM'S).
- 4. CONTRACTOR SHALL VERIFY ALL EXISTING UNDERGROUND UTILITIES WITHIN PROJECT LIMITS AND SHALL NOTIFY ENGINEER IN WRITING OF
- 5. CONTRACTOR SHALL MAINTAIN A CLEAN WORK ENVIRONMENT AND SHALL PROPERLY DISPOSE OF ANY DEBRIS AT THE END OF EACH DAY
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE OF TRAFFIC THROUGHOUT THE DURATION OF CONSTRUCTION.
- 7. CONTRACTOR SHALL TAKE REASONABLE CARE NOT TO DAMAGE ANY SURROUNDING EXISTING PROPERTIES OR IMPROVEMENTS. ANY DAMAGES SHALL BE PROMPTLY REPAIRED TO ORIGINAL OR BETTER CONDITION TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
- 8. ALL PERMANENT SIGNAGE SHALL REMAIN COVERED UNTIL SUCH TIME AS CONSTRUCTION IS COMPLETE AND CONSTRUCTION MAINTENANCE OF TRAFFIC SIGNAGE IS REMOVED.
- 9. PAVEMENT MARKINGS & SIGNINGS SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS & HIGHWAYS AND PALM BEACH COUNTY TYPICALS FOR PAVEMENT MARKINGS, SIGNING & GEOMETRICS T-P-21.

STORMWATER POLLUTION PREVENTION NOTES

- 1. ALL CONTRACTORS AND SUBCONTRACTORS ON THE SITE SHALL UTILIZE NPDES BEST MANAGEMENT PRACTICES THROUGHOUT THE DURATION OF CONSTRUCTION IN ORDER TO PREVENT THE DISCHARGE OF UNCONFINED SOILS AND PARTICULATE MATTER BEYOND THE
- 2. ALL ADJACENT STORM SEWER INLET GRATES AND INLETS WITH THE POTENTIAL FOR IMPACT DURING CONSTRUCTION SHALL BE COVERED WITH FILTER FABRIC (OR APPROVED EQUAL) THROUGHOUT THE DURATION OF DEMOLITION AND CONSTRUCTION AND PROTECTED FROM
- 3. CONTRACTOR SHALL, AT A MINIMUM, PUT INTO PLACE SUCH TEMPORARY EROSION CONTROL MEASURES AS INDICATED ON THE PLANS. THESE MEASURES SHALL BE INSPECTED AND EVALUATED DURING CONSTRUCTION AND DEMOLITION OPERATIONS FOR THEIR EFFECTIVENESS IN PREVENTING EROSION MATERIAL AND SEDIMENT FROM DISCHARGING FROM THE WORK AREA. IF REQUIRED, AND AS DIRECTED BY THE LOCAL BUILDING OFFICIAL OR PROJECT ENGINEER, ADDITIONAL TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTITUTED AND INSTALLED. ALL BEST MANAGEMENT PRACTICES ITEMS (EG. SILT FENCE, CONSTRUCTION ENTRANCES, ETC.) SHALL BE IN CONFORMANCE WITH FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES, RULE 62-621,003 (4)(a), F.A.C., AND THE FDOT DESIGN STANDARDS INDEX 102 FOR TEMPORARY EROSION CONTROL AND WATER QUALITY, 2010 EDITION (AS APPLICABLE).
- 4. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY CLEARING, DEMOLITION OR EARTHMOVING ACTIVITIES. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED AS NEEDED AFTER COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN A LOG OF CHANGES TO THE EROSION AND SEDIMENT CONTROL MEASURES INSTALLED OR REMOVED FROM THE SITE. A NPDES GENERAL NOI PERMIT FOR CONSTRUCTION ACTIVITIES SHALL BE OBTAINED FOR THE CONSTRUCTION ACTIVITIES PROPOSED IN THESE PLANS AND THE CONTRACTOR SHALL MAINTAIN INSPECTION RECORDS IN ACCORDANCE WITH THE NPDES PERMIT
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROCURING AND ABATEMENT APPROVALS FOR LEAD, ASBESTOS, MERCURY AND RODENTS PRIOR TO DEMOLITION AS REQUIRED BY LOCAL, STATE AND FEDERAL JURISDICTIONS HAVING AUTHORITY.
- 6. IF ANY HAZARDOUS MATERIALS ARE ENCOUNTERED, THE OWNER SHALL BE NOTIFIED. THOSE MATERIALS SHALL BE REMOVED AND DISPOSED OF IN A MANNER APPROVED BY ALL GOVERNING AGENCIES AND IN A LANDFILL OR DISPOSAL FACILITY LICENSED TO ACCEPT
- 7. PREDEMOLITION PHOTOGRAPHS SHALL BE TAKEN SHOWING EXISTING CONDITIONS OF THE SITE AND ADJACENT BUILDINGS TO REMAIN. PHOTOS SHALL INCLUDE DAMAGE TO FINISH SURFACES THAT MIGHT BE MISCONTRUED AS DAMAGE CAUSED BY DEMOLITION OPERATIONS.
- 8. THE CONTRACTOR MUST VISIT THE SITE AND STUDY EXISTING PHYSICAL CONDITION AND NOTIFY THE ENGINEER OR ARCHITECT OF ANY DISCREPANCIES ON DRAWINGS PRIOR TO COMMENCEMENT OF DEMOLITION AND CONSTRUCTION ACTIVITIES.
- 9. CONTRACTOR SHALL CALL SUNSHINE ONE CALL 72 HOURS PRIOR TO COMMENCEMENT OF DEMOLITION AND CONSTRUCTION ACTIVITIES. IF ANY CONFLICTS ARISE AS A RESULT OF FIELD UNDERGROUND UTILITY LOCATES AND DESIGNATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY THE ENGINEER AND ARCHITECT IN WRITING PRIOR TO COMMENCEMENT ONSITE ACTIVITIES. FAILURE OF THE CONTRACTOR TO NOTIFY THE ENGINEER AND ARCHITECT IN WRITING SHALL BE DEEMED ACCEPTANCE OF EXISTING CONDITIONS "AS IS, WHERE IS" AND SHALL RELIEVE THE ENGINEER AND ARCHITECT OF ANY LIABILITY ASSOCIATED WITH EXISTING CONDITIONS. FURTHER THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER AND ARCHITECT FOR ANY EXISTING AND OR UNFORSEEN CONDITIONS
- 10. ALL CONTRACTORS AND SUBCONTRACTORS MUST SIGN AND DATE THE FOLLOWING CERTIFICATION STATEMENT BEFORE CONDUCTING LAND DISTURBING ACTIVITIES ON THE SITE AS APPLICABLE:
 - CERTIFY UNDER THE PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH THE TERMS AND CONDITIONS OF TH STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THERE UNDER."



 \vdash

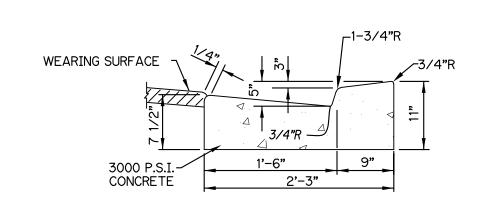
 \vdash

CALE: N/A ATE: 04/19/23 ESIGNED BY:SG CHECKED BY:SG DRAWING FILE: 21-056_PD

SCOTT M. GINTERT, P.E FLORIDA P.E. #84228

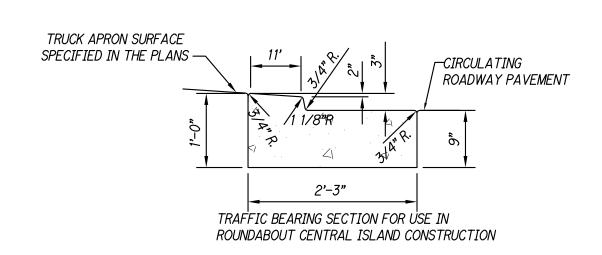
SHEET 8 OF

311 or (800) 432-477

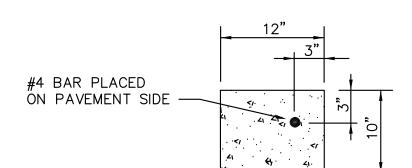


NOTES: 1. SAWCUTS REQUIRED AT 10' CENTERS

TYPE "E" MOUNTABLE CURB AND GUTTER N.T.S.



TYPE "RA" CURB N.T.S.

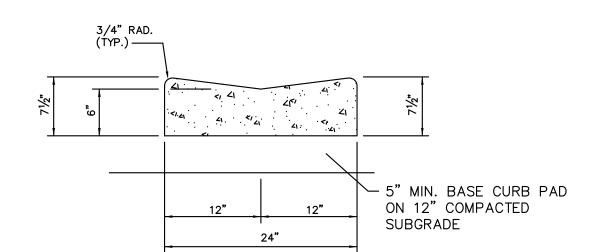


NOTES:

1. CONCRETE TO BE 2500 PSI MINIMUM.

2. BITUMINOUS MATERIAL EXPANSION JOINT REQUIRED AT CURB ADJACENT TO CONCRETE PAVEMENT ONLY.

FLUSH HEADER CURB N.T.S.



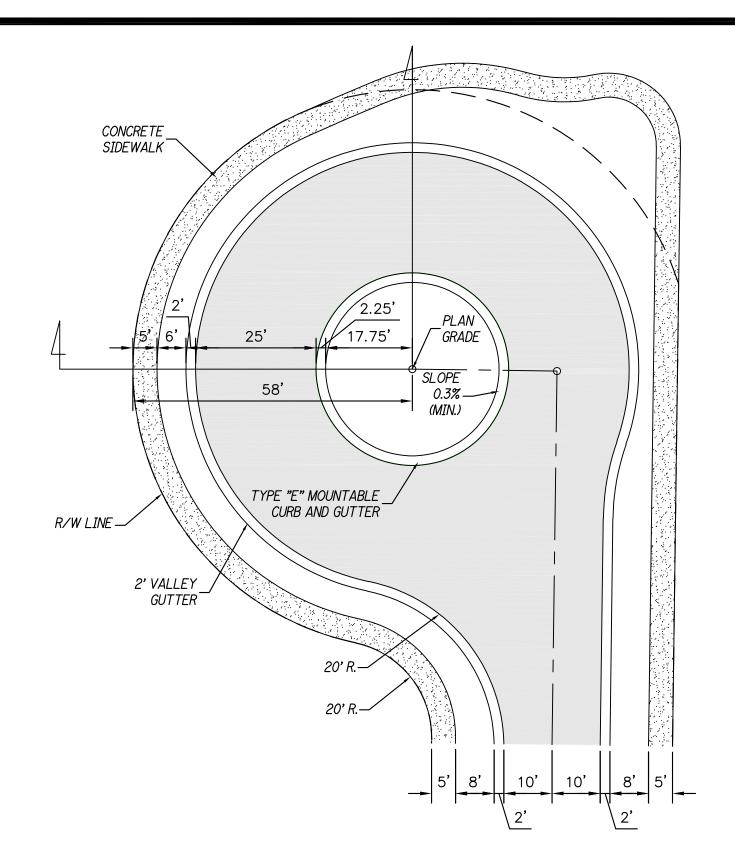
NOTES:

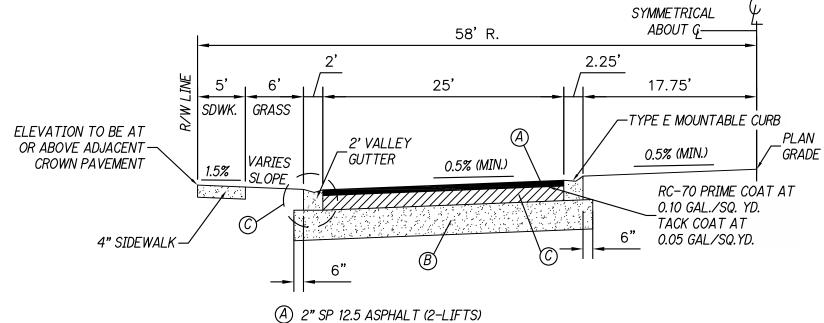
CONCRETE TO BE 2500 PSI MINIMUM.
 BITUMINOUS MATERIAL EXPANSION JOINT REQUIRED AT

CURB ADJACENT TO CONCRETE PAVEMENT ONLY.

3. FOR ADDITIONAL INFORMATION REFERENCE F.D.O.T. INDEX No. 520-001

2' VALLEY GUTTER
N.T.S.



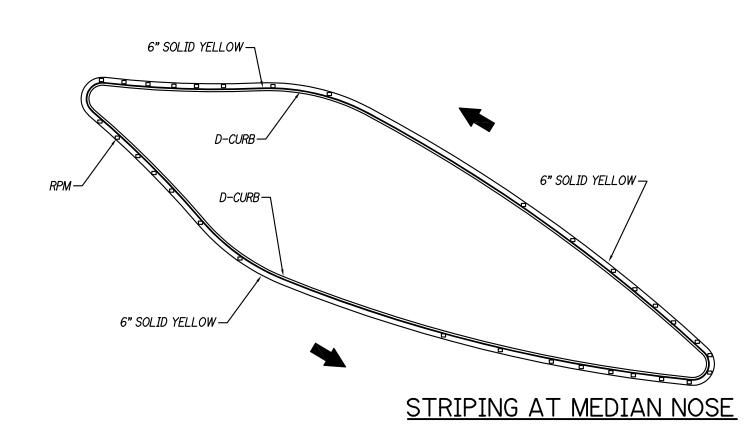


B 8" LIME ROCK LBR 100

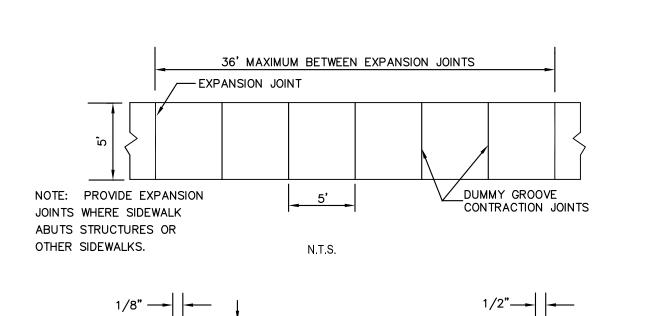
© COMPACTED SUBGRADE 98 % MAX DENSITY AASHTO T180

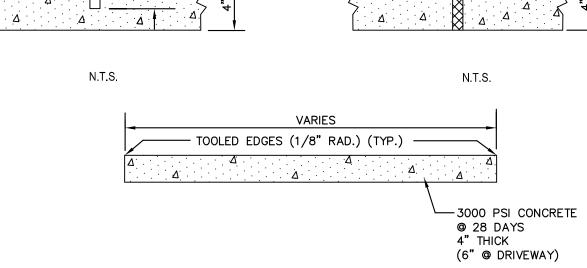
CUL-DE-SAC DETAIL

N.T.S.

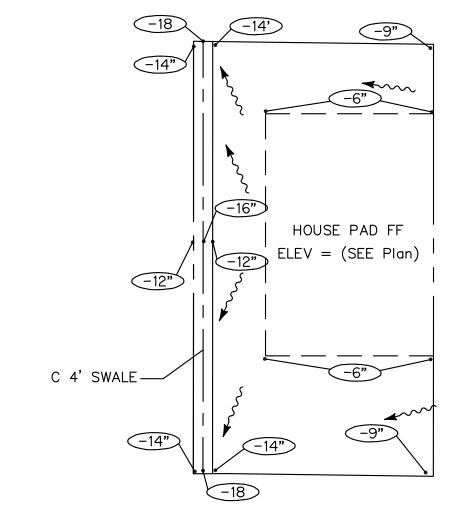


STRIPING NOTE:
1. FOR SPACING ON RPM'S SEE PBC T.P. 21 SHEET 5 DETAIL 5

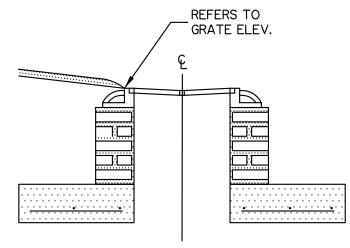




TYPICAL SIDEWALK SECTION N.T.S.

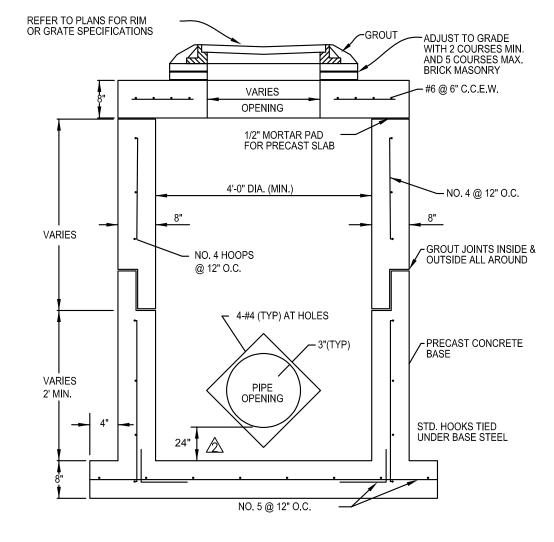


TYPICAL LOT GRADING PLAN N.T.S.



SEE PLAN SHEETS FOR GRATE TYPES

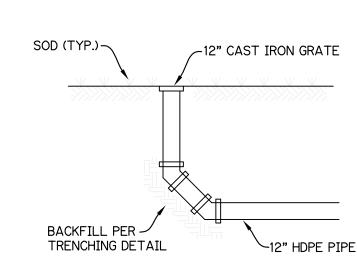
VALLEY GRATE DETAIL



ALL REINFORCING TO MEET CURRENT F.D.O.T. SPECIFICATIONS

THIS STRUCTURE MAY BE SUBSTITUTED WITH OTHER STRUCTURES ONLY IF THE STANDARDS HAVE BEEN MET.

△ DRAINAGE STRUCTURES



A YARD DRAIN DETAIL



Last Devenport, Inc.

1860 Old Okeechobee Road, Suite 504

West Palm Beach, FL 33409

, & DRAINAGE DETAILS FOR

ANDING

SCALE: N/A

DATE: 4/19/23

DESIGNED BY:SG

CHECKED BY:SG

DRAWING FILE:
21-056_PD

4/20/2023 SCOTT M. GINTERT, P.E. FLORIDA P.E. #84228

SHEET 9 OF 11

