## ISSUED: 08/19/22

# VISTERA OF VENICE - AMENITY CENTER

## LOCATED IN SECTION 34, TOWNSHIP 38 SOUTH, RANGE 19 EAST

#### **GENERAL NOTES:**

- 1. OWNERSHIP AND UNIFIED CONTROL STATEMENT: THE PROPOSED PROJECT IS OWNED BY NEAL COMMUNITIES OF SW FL, LLC
- 2. CHARACTER AND INTENDED USE STATEMENT: THE PROPOSED USE IS AN AMENITY CENTER & MODEL SALES CENTER FOR A 391 UNIT RESIDENTIAL SUBDIVISION VISTERA
- 3. EXISTING LAND USE:
- VACANT LAND 4. ZONING
- VILLAGE (V) 5. FLOOD ZONE:
- THE SITE LIES WITHIN THE BOUNDARIES OF FLOOD ZONE "X" PER FIRM #12115C0365F, REVISED NOVEMBER 4, 2016. 6. SETBACKS:

10 FT BETWEEN STRUCTURES / 5 FT CORNER LOT SIDE (POOL DECKS, PATIOS, SCREEN ENCLOSURES): 3 FT POOL / 0 FT POOL DECK/SCREEN REAR (STRUCTURE): REAR (POOL DECKS, PATIOS, SCREEN ENCLOSURES): 0 FT (DECK/SCREEN) / 3FT (POOL EDGE) 7. SITE/DENSITY INFORMATION:

TOTAL SITE AREA: IMPERVIOUS AREA: 0.18 AC

PERVIOUS PAVER AREA: 0.12 AC PERVIOUS AREA: 8. CONSTRUCTION NOTES:

- A. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF VENICE LAND DEVELOPMENT REGULATIONS. B. THE PROJECT SHALL BE CONSTRUCTED IN ONE PHASE.
- C. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO EXISTING CONDITION, OR BETTER, TO THE
- D. ALL FACILITIES CONTAINED HEREIN HAVE BEEN DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FLORIDA ACCESSIBILITY CODE", FAC 1997 EDITION, (FLORIDA STATUTES, SECTION 553.501 – 553.513).
- E. ALL PAVEMENT MARKINGS, EXCEPT PARKING STALLS, SHALL BE ALKYD THERMOPLASTIC 90 MILS IN THICKNESS, OTHER THAN THE EDGE LINES, WHICH ARE 60 MILS AND THE BICYCLE LANE SYMBOLS, WHICH SHALL BE 30 MILS.
- F. A MINIMUM OF 2 FEET OF SOD SHALL BE PLACED AT THE BACK OF ALL CURBS AND PAVEMENT EDGES, EXCEPT LANDSCAPE AREAS. ALL SWALES, BERMS AND RETENTION AREAS SHALL BE SODDED TO THE NORMAL WATER LEVEL.
- G. ALL TACTILE SURFACES ON CURB CUT RAMPS SHALL CONFORM TO FDOT INDEX NO. 304 WITH TRUNCATED DOMED DETECTABLE WARNINGS.
- H. ALL DRAINAGE CULVERT JOINTS SHALL BE WRAPPED PER FDOT INDEX NO. 280.
- I. ALL DRAINAGE STRUCTURES SHALL HAVE POURED CONCRETE INVERTS TO PRECLUDE PONDED WATER.
- K. VEGETATION REMOVED DURING CLEARING AND GRUBBING SHOULD BE DISPOSED OFF-SITE TO AN APPROVED LANDFIL LICENSED YARD DEBRIS FACILITY OR BURNED ONSITE (IF APPLICABLE PERMITS ARE ISSUED). MATERIAL MAY BE USED
- ONSITE IF IT IS MULCHED AND MIXED TO A 75% SOIL/25% MULCH RATIO. THIS MATERIAL MAY BE USED IN LAKE BANKS, AND LANDSCAPE AREAS OUTSIDE OF LOTS, PROVIDED IT IS PLACED ABOVE THE SEASONAL HIGH WATER LEVEL. THIS MATERIAL CANNOT BE PLACED ON LOTS, IF THE MATERIAL MEETS THE 75% SOIL/25% MULCH RATIO, THE MATERIAL MAY BE PLACED BELOW THE SEASONAL HIGH WATER LEVEL IN THE LITTORAL SHELF AND LAKE BANK. L. IN THE EVENT THE CONSTRUCTION SITE IS ABANDONED PRIOR TO PROJECT COMPLETION, THE CONTRACTOR SHALL
- REMOVE ALL CONSTRUCTION AND VEGETATIVE DEBRIS BEFORE FINAL PAYMENT IS RECEIVED. ANY FILL REMAINING ONSITE SHALL BE STOCKPILED IN ACCORDANCE WITH CITY OF NORTH PORT REQUIREMENTS INCLUDING HEIGHT, SLOPE AND SILT M. CONSTRUCTION PLAN APPROVAL DOES NOT EXEMPT THE CONTRACTOR FROM OBTAINING THE REQUIRED BUILDING
- ELECTRICAL, PLUMBING AND MECHANICAL PERMITS. THESE INCLUDE BUT ARE NOT LIMITED TO ANY STRUCTURE, SIGN, WALL, ENCLOSURE, OR SCREENING ETC.
- 9. STORMWATER MANAGEMENT:
- THIS DEVELOPMENT PROVIDES A MASTER STORMWATER MANAGEMENT SYSTEM DESIGNED PER THE REQUIREMENTS OF THE 10. UTILITY NOTES:
- A. THIS SITE WILL CONNECT TO THE MASTER STORMWATER MANAGEMENT SYSTEM FOR THE VISTERA SUBDIVISION. B. WATER DISTRIBUTION AND SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF VENICE
- C. THE CONTRACTOR SHALL CONTACT "SUNSHINE STATE" ONE CALL, FPL AND ALL OTHER UTILITY COMPANIES PRIOR TO ANY WORK ONSITE OR OFFSITE SO THAT THE EXACT LOCATION OF ALL UTILITIES CAN BE DETERMINED.
- D. WATER SERVICE PROVIDED BY THE CITY OF VENICE UTILITIES. E. SANITARY SEWER SERVICE PROVIDED BY THE CITY OF VENICE UTILITIES. 1
- F. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO WELLS LOCATED ON THIS SITE.
- G. ANY WELLS DISCOVERED DURING EARTH MOVING, EXCAVATION OR CONSTRUCTION SHALL BE PLUGGED BY A LICENSED
- H. TO THE BEST OF OUR KNOWLEDGE NO SEPTIC TANKS ARE LOCATED ON THIS SITE
- I. ALL UTILITIES INCLUDING TELEPHONE, TELEVISION CABLE AND ELECTRICAL SYSTEMS SHALL BE INSTALLED
- J. PRIOR TO COMMENCEMENT OF UTILITY SITE CONSTRUCTION, THREE COPIES OF THE SHOP DRAWINGS PLUS ANY COPIES REQUIRED BY THE APPLICANT SHALL BE SUBMITTED TO THE UTILITY DEPARTMENT FOR REVIEW AND APPROVAL.
- A. THERE ARE NO KNOWN EXISTING WELLS ON THIS SITE.

  B. IN THE EVENT THAT AN EXISTING WELL IS DISCOVERED, IT WILL BE ABANDONED BY A LICENSED WELL CONTRACTOR PRIOR TO CONSTRUCTION ACTIVITIES.
- 12. STORMWATER/ENVIRONMENTAL NOTES:
- A. A SWFWMD ENVIRONMENTAL RESOURCE PERMIT (ERP) MUST BE OBTAINED AND SUBMITTED TO THE CITY PRIOR TO THE MANDATORY PRE-CONSTRUCTION MEETING. A SWFWMD STAMPED PERMIT PLANS MUST ALSO BE PROVIDED TO THE CITY PRIOR TO THE MANDATORY PRE-CONSTRUCTION
- B. CONTRACTOR SHALL PROVIDE THE CITY WITH A COPY OF THE RESPONSE LETTER FROM THE DEPARTMENT OF ENVIRONMENTAL PROTECTION APPROVING THE NOTICE OF INTENT (NOI) TO USE THE CONSTRUCTION GENERAL PERMIT (CGP). THIS SHALL BE PROVIDED TO THE CITY PRIOR TO THE MANDATORY PRE-CONSTRUCTION MEETING.
- C. IF DEWATERING IS REQUIRED DURING CONSTRUCTION ACTIVITIES, A DEWTERING PLAN SHALL BE PROVIDED TO THE CITY PRIOR TO THE MANDATORY PRE—CONSTRUCTION MEETING. THE CONTRACTOR WILL BE REQUIRED TO OBTAIN WRITTEN APPROVAL FROM SWFMWD ON THIS DEWATERING PLAN. THE PLAN SHOULD INCLUDE THE LOCATION OF THE DEWATERING SITES, THE DEWATERING PUMP, SEDIMENT SUMP AND SIZING CALCULATION, METHODS TO RETAIN OR DETAIN DISCHARGE, METHODS OF ISOLATING THE DEWATERING AREAS, FLOW PATH AND POINTS OF DISCHARGE OF THE WATER. INCLUDE A NOTE THAT REQUIRES TURBIDITY REDUCTION TO NO MORE THAN 29 NTUS ABOVE BACKGROUND LEVEL (INDICATE BACKGROUND LEVEL MONITORING LOCATION) PRIOR TO DISCHARGE OFF SITE. PLEASE NOTE THAT FLOW OVER ON-SITE UNDISTURBED VEGETATION IS A GOOD BEST MANAGEMENT PRACTICE (BMP) TO REDUCE TURBIDITY. USE OF

#### SARASOTA COUNTY NOTES:

THE ENGINEER OR SURVEYOR, WITH INFORMATION PROVIDED BY THE CONTRACTOR, SHALL PROVIDE RECORD DRAWINGS THAT MEET THE REQUIREMENTS OF THE SARASOTA COUNTY UNIFORM WATER, WASTEWATER AND RECLAIMED WATER CODE,

- SARASOTA COUNTY UTILITY DEPARTMENT IS THE UTILITY PROVIDER FOR SANITARY SEWER AND FORCE MAIN FOR PHASE 1 1001 SARASOTA CENTER BLVD, SARASOTA, FL 34240
- VERTICAL DATUM: CONTOURS AND ELEVATIONS SHOWN ARE IN NGVD 1929 DATUM. TOPOGRAPHIC SURVEY ELEVATIONS REFER TO NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988 AND WERE CONVERTED TO NGVD 1929 DATUM FOR CONSISTENCY WITH THE DATUM USED IN THE ICPR DRAINAGE MODEL. 2. CONTROL MONUMENT ARE BASED ON NATIONAL GEODETIC SURVEY (NGS) BENCHMARK "N 699" (PID DL2714), A
- FOUND ALUMINUM DISK STAMPED (N 699 2007), HAVING A PUBLISHED ELEVATION OF 13.37' NAVD 1988 (14.485' NGVD 1929) AND NATIONAL GEODETIC SURVEY (NGS) BENCHMARK "E 727" (PID DM5042), A FOUND ALUMINUM DISK STAMPED (E 727 2009), HAVING A PUBLISHED ELEVATION OF 14.20' NAVD 1988 (15.315' NGVD 1929)
- 3. CONVERSION FROM NAVD 1988 TO NGVD 1929 USING VERTCON  $(http://www.ngs.noaa.gov/cgi-bin/vertcon/vert\_con.prI), \ BASED \ ON \ LATITUDE: \ 27^{\circ}07'47.9"N, \ AND \ LONGITUDE: \ AND$ 82°23'30.4"W. RESULTS IN A VERTICAL SHIFT OF +1.115 FT.

**DEVELOPER:** NEAL COMMUNITIES, INC. 5800 LAKEWOOD RANCH BOULEVARD SARASOTA, FL 34240 (941) 328-1111

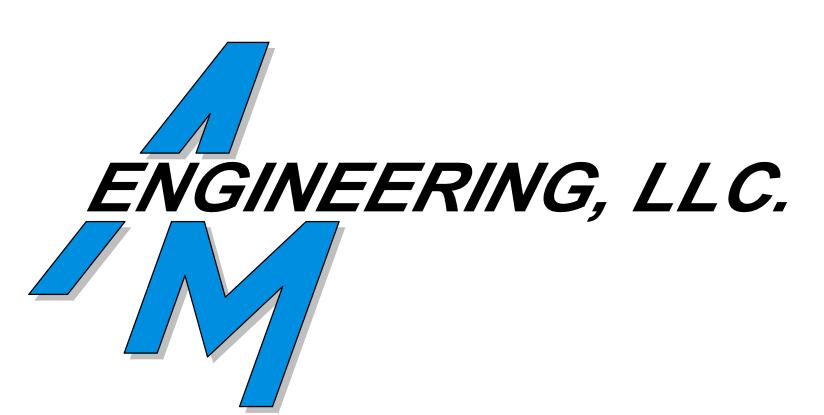
SURVEYOR: ARDURRA, INC. 4921 MEMORIAL HIGHWAY, ONE MEMORIAL CENTER, SUITE #300 TAMPA, FL 33634 (813) 880-8881 ENGINEERING LICENSE No. 2610

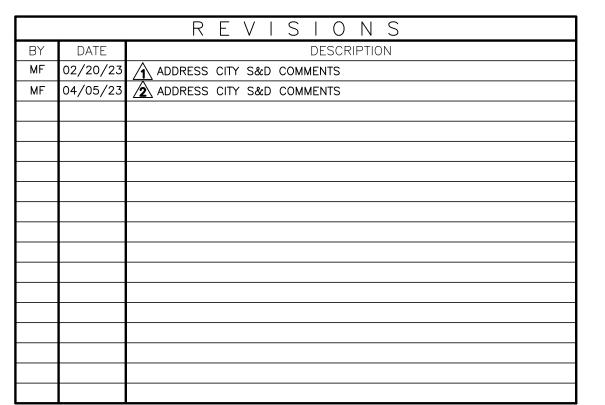
**ENGINEER:** AM ENGINEERING, LLC. 8340 CONSUMER COURT SARASOTA, FLORIDA 34240 (941) 377-9178 CERTIFICATE OF AUTHORIZATION No. 33105 LICENSED BUSINESS No. 4334

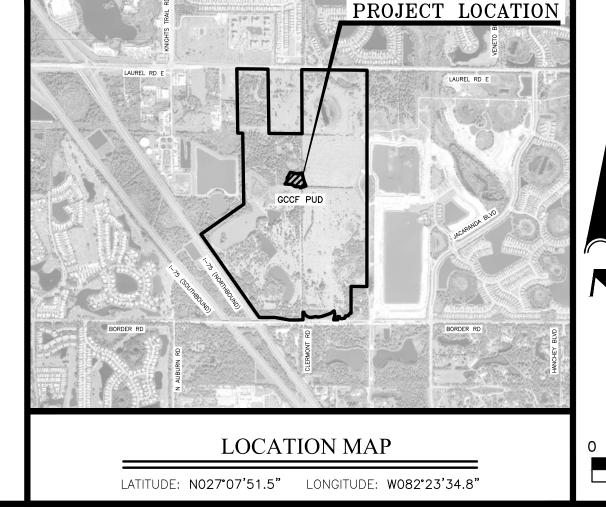
LANDSCAPE ARCHITECT: **BOOTH DESIGN GROUP** 146 SECOND STREET NORTH, SUITE #302 ST. PETERSBURG, FL 33701 (727) 821-5699 LICENSE No. LA-6666713

### INDEX TO SHEETS

| SHEET NO. | DESCRIPTION                          |   |  |  |
|-----------|--------------------------------------|---|--|--|
| 1         | COVER                                |   |  |  |
| 2A        | EXISTING CONDITIONS PLAN             |   |  |  |
| 2B        | LOCATION MAP                         |   |  |  |
| 3A        | MASTER SITE PLAN                     |   |  |  |
| 3B        | TURNING TEMPLATE                     |   |  |  |
| 4         | PAVING, GRADING AND DRAINAGE PLAN    |   |  |  |
| 5         | PAVING, GRADING AND DRAINAGE DETAILS |   |  |  |
| 6-7       | STORMWATER POLLUTION PREVENTION PLAN |   |  |  |
| 8         | MASTER UTILITY PLAN                  |   |  |  |
| 9-10      | WATER AND SEWER DETAILS              | A |  |  |

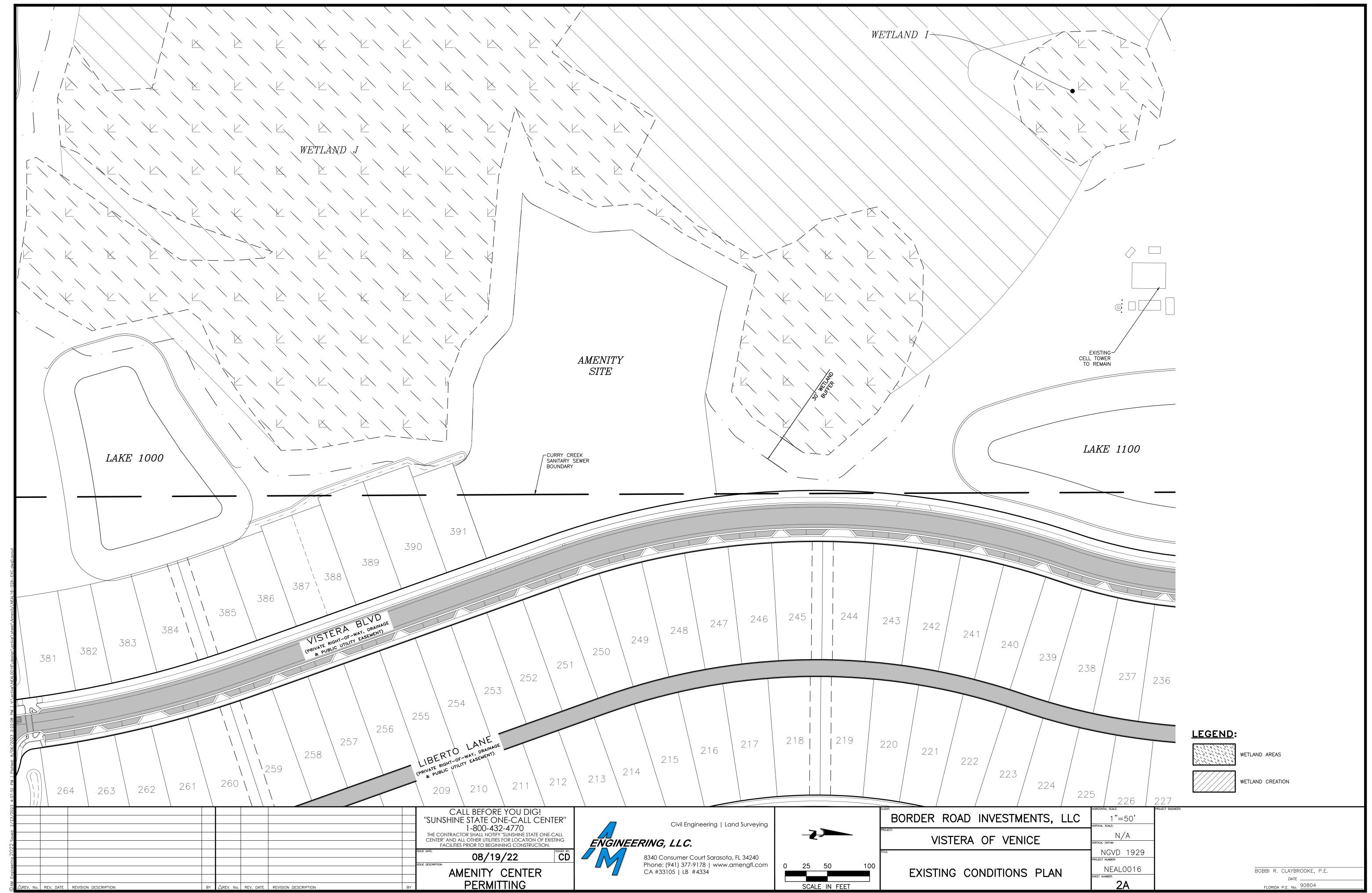


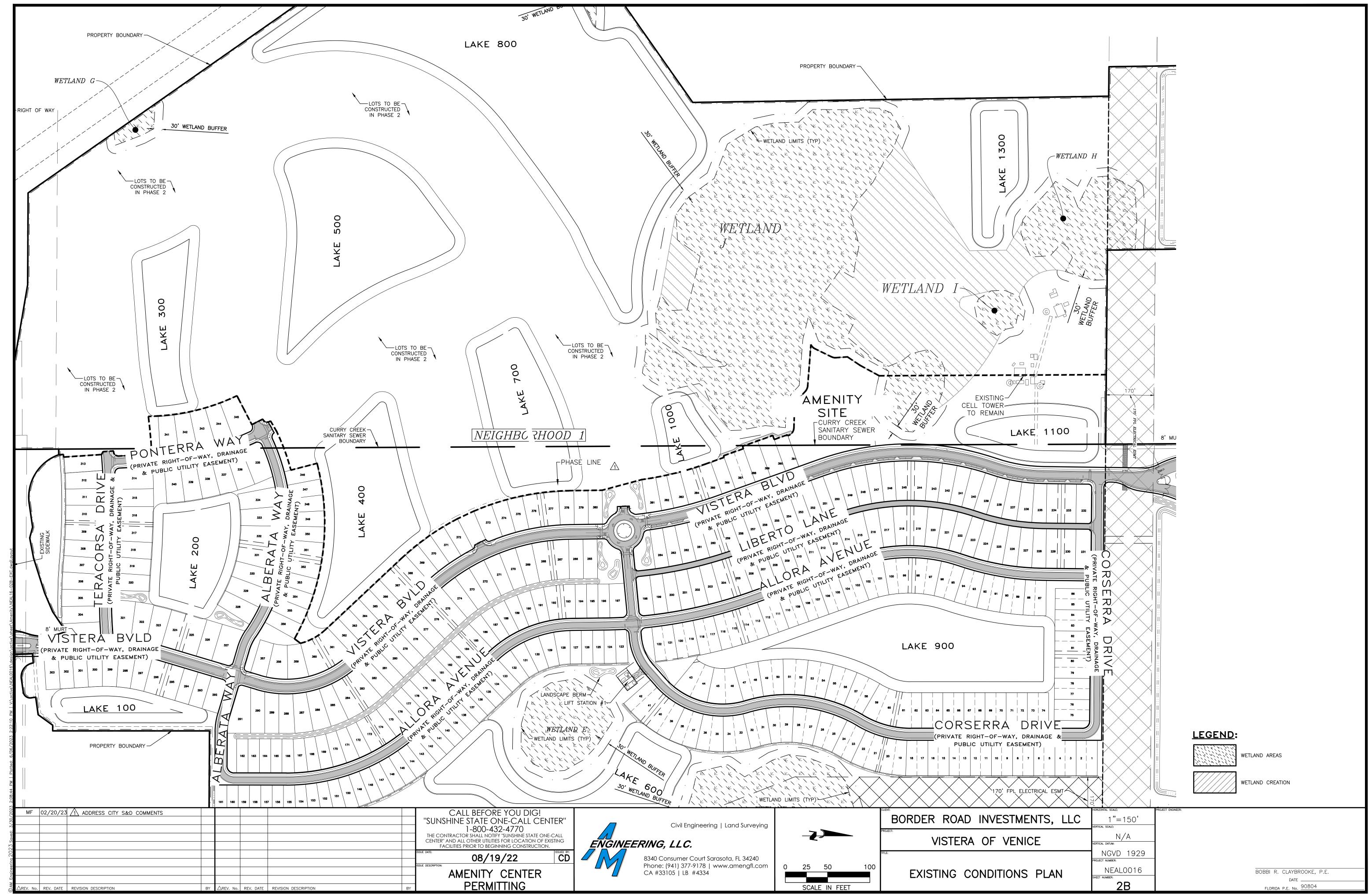


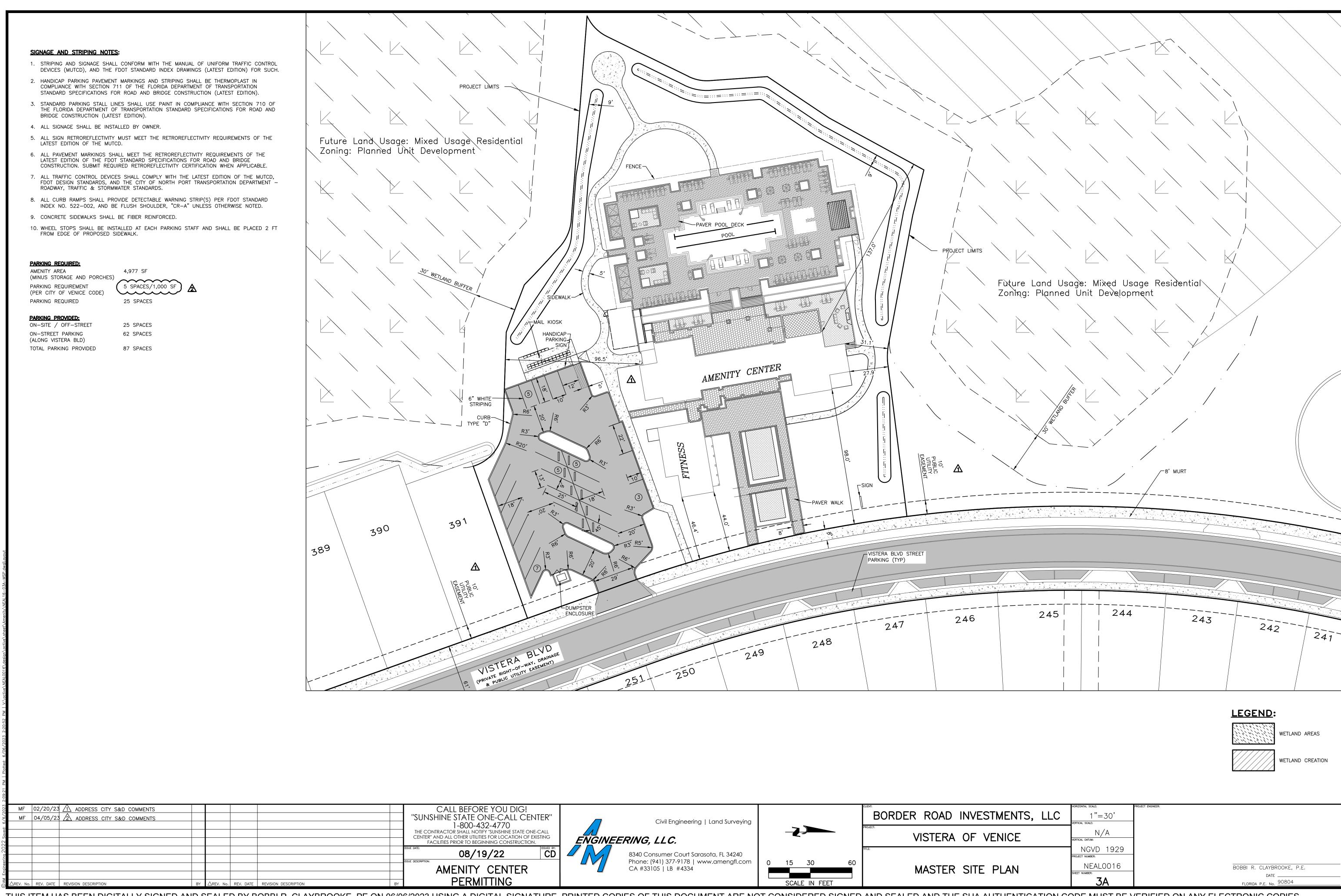


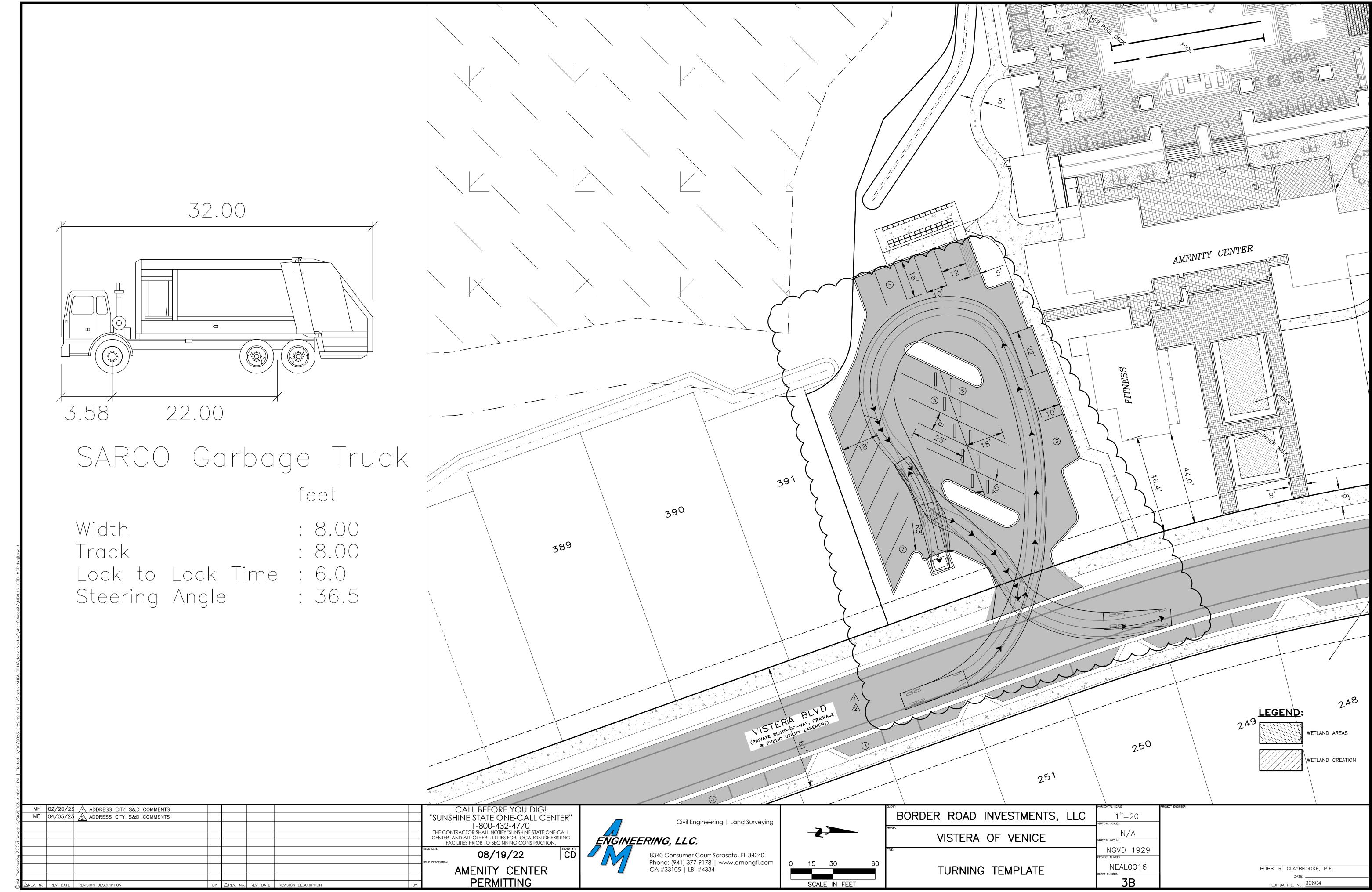
0 750 1500 SCALE IN FEET

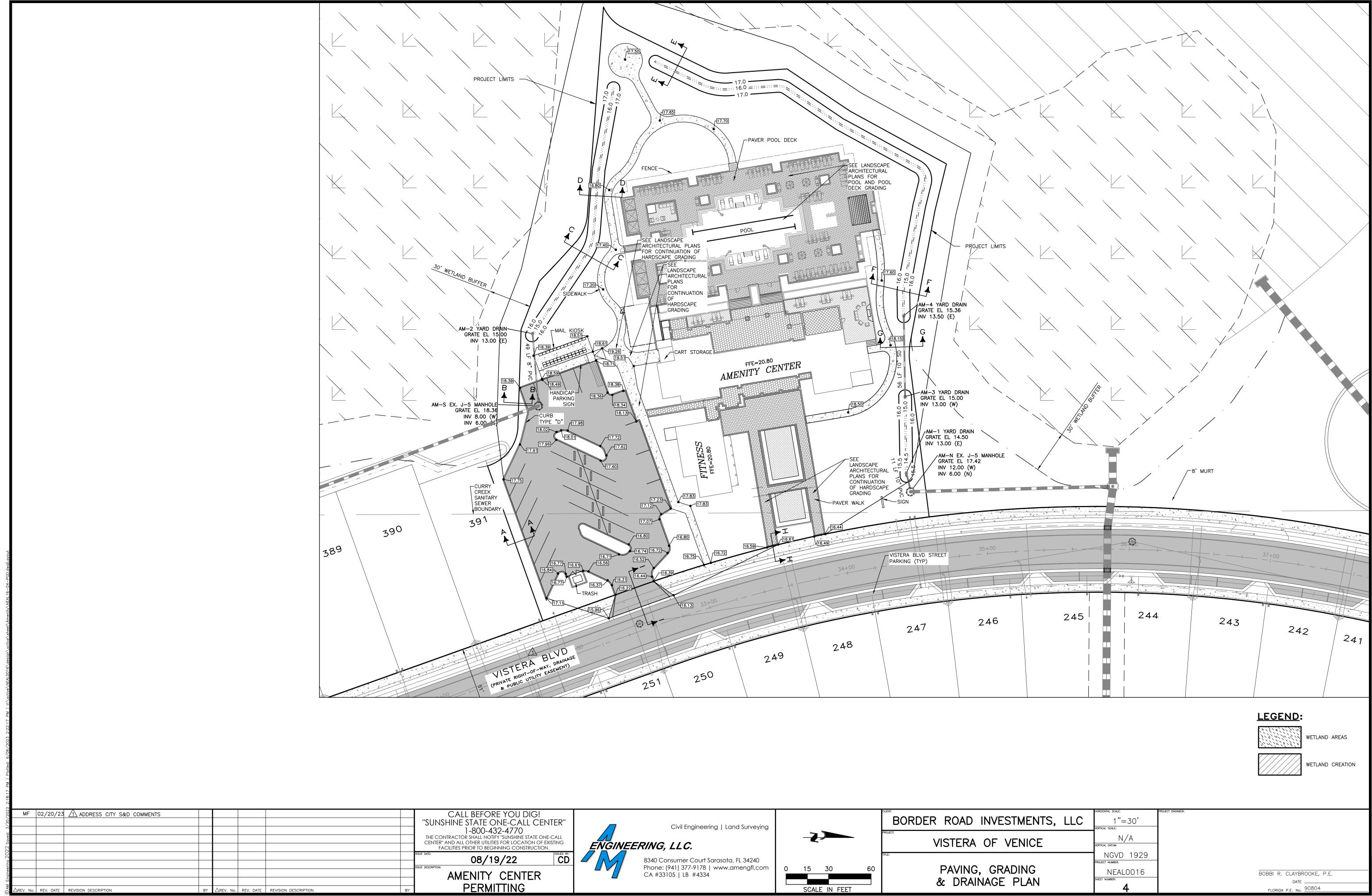
BOBBI R. CLAYBROOKE, P. 6/07/23

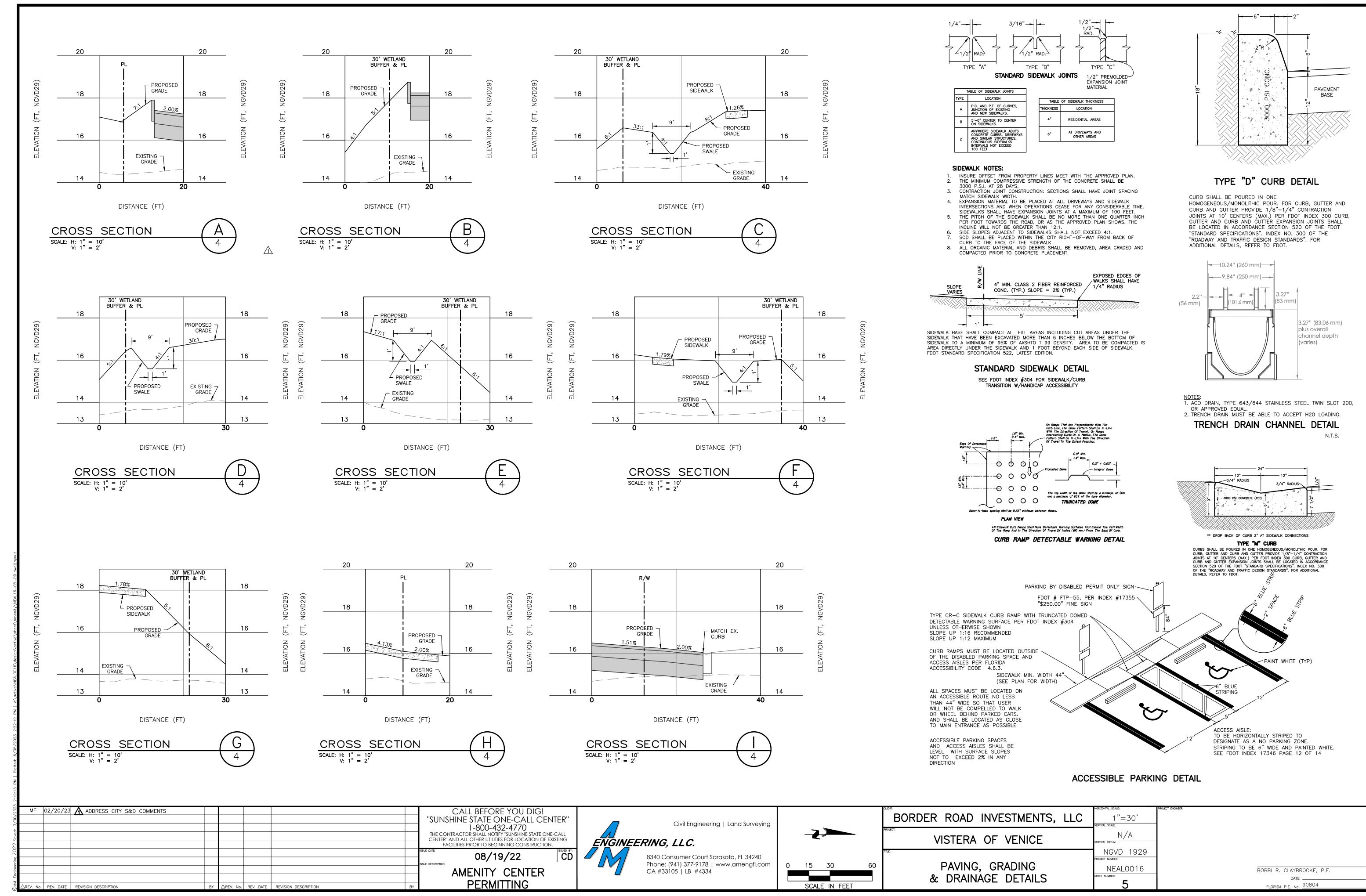


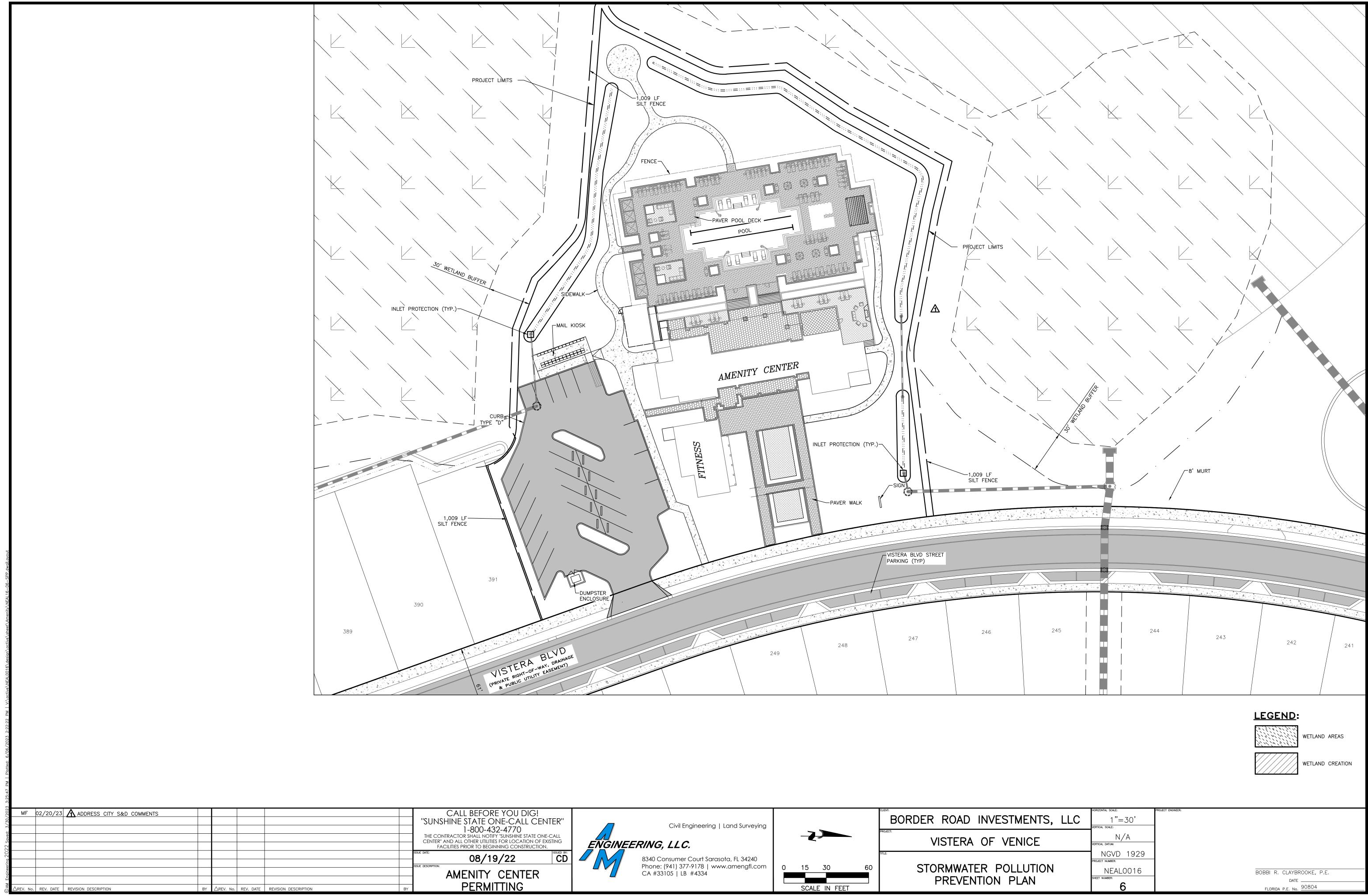












#### NPDES REQUIREMENTS:

FEDERAL LAW PROHIBITS ALL POINT SOURCE DISCHARGE OR POLLUTANTS, WHICH INCLUDES THE DISCHARGE OF STORMWATER ASSOCIATED WITH LARGE (GREATER THAN 5 ACRES) CONSTRUCTION ACTIVITIES OR SMALL (LESS THAN 5 ACRES AND GREATER THAN 1 ACRES) CONSTRUCTION ACTIVITIES, TO WATERS OF THE UNITED STATES WITHOUT A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT. UNDER THE STATE OF FLORIDA'S AUTHORITY TO ADMINISTER THE NPDES STORMWATER PROGRAM, OPERATORS THAT HAVE STORMWATER DISCHARGE ASSOCIATED WITH LARGE OR SMALL CONSTRUCTION ACTIVITIES TO SURFACE WATERS OF THE STATE, INCLUDING THROUGH A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4. i.e. TOWN, CITY OR COUNTY), SHALL OBTAIN COVERAGE EITHER UNDER A GENERIC PERMIT OR AN INDIVIDUAL PERMIT.

THE NPDES PERMIT REQUIRES INSPECTIONS ONE (1) TIME PER WEEK AND WITHIN 24 HOURS FOLLOWING A 0.5-INCH RAINFALL EVENT OF ALL BEST MANAGEMENT PRACTICES (BMP's) AND FROSION CONTROL MEASURES. AS AUTHORIZED BY THE OWNER, THE ENGINEER OF RECORD WILL MAKE PERIODIC INSPECTIONS AND DOCUMENT COMPLIANCE IN ACCORDANCE WITH THE NPDES PERMIT. HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR THE WEEKLY INSPECTIONS AND REQUIRED MAINTENANCE OF THE BMP's AND EROSION CONTROL MEASURES AND THE POST-RAINFALL EVENT INSPECTIONS. THE INSPECTIONS MUST DOCUMENT COMPLIANCE WITH THE NPDES PERMIT OR CORRECTION ACTIONS NEEDED AND/OR TAKEN AND BE RECORDED ON THE STORMWATER POLLUTION PREVENTION PLAN INSPECTION REPORT FORM. THE CONTRACTOR CAN CONTACT FDEP AT 850-245-7522 OR VISIT THE FDEP WEBSITE AT WWW.DEP.STATE.FL.US FOR ADDITIONAL INFORMATION RELATING TO THE SWPPP AND THE NPDES PERMIT.

THE CONTRACTOR IS RESPONSIBLE TO OBTAIN A COPY OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FROM THE ENGINEER OR RECORD (EOR) PRIOR TO SUBMITTING A CONSTRUCTION BID AND SHALL INCLUDE ALL MONIES NECESSARY TO ENSURE THAT THE SWPPP IS FOLLOWED DURING THE CONSTRUCTION DURATION. THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL REQUIREMENTS OF THE SWPPP AND HAVE IT POSTED ON-SITE ALONG WITH THE EROSION CONTROL PLAN, THE NPDES PERMIT, AND THE COMPLETED INSPECTION REPORT FORMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL PRACTICES DEFINED IN THE SWPPP AND ASSOCIATED FINES THAT MAY BE IMPOSED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AGENCY (FDEP) FOR NOT COMPLYING WITH THE NPDES REQUIREMENTS CONTAINED IN THE SWPPP AND THE NPDES REGULATIONS. THE COSTS FOR COMPLYING WITH THE SWPPP AND THE NPDES PERMIT SHALL BE INCLUDED IN THE CONTRACTORS CONSTRUCTION BID.

#### SWPPP SEQUENCE OF EVENTS

- SURVEYORS STAKEOUT SILT SCREEN LOCATION
- SILT SCREEN INSTALLED
- CLEARING AND GRUBBING OPERATIONS REPAIR ALL SILT SCREEN DAMAGED DURING CLEARING AND GRUBBING
- CONSTRUCT SEDIMENTATION BASINS FOR DEWATERING EARTH MOVING-CONSTRUCT LAKES, FILL LOTS, ROADS, SWALES, AND BERMS
- FINAL GRADING OF SLOPES INSTALL SWALES OR BERMS TO PROTECT SLOPES
- 10. BMP'S TO BE MAINTAINED THROUGHOUT ALL CONSTRUCTION ON THE SITE 11. MAINTENANCE AND INSPECTIONS

#### GENERAL NOTES

1. MEANS OF VEGETATION, EROSION AND SEDIMENT CONTROL WILL BE IMPLEMENTED AS DESCRIBED IN THE CONTROLS SECTION OF THE POLLUTION PREVENTION PLAN AND WILL BE MAINTAINED TO ENSURE THAT THEY ARE EFFECTIVE. IF ANY ADDITIONAL MEASURES ARE NEEDED, THEY WILL BE IMPLEMENTED PRIOR TO CONTINUING CONSTRUCTION ACTIVITIES.

2. A QUALIFIED INSPECTOR (PROVIDED BY THE OPERATOR) SHALL INSPECT ALL POINTS OF DISCHARGE INTO SURFACE WATERS OF THE STATE OR AN MS4: DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED: AREAS USED FOR STORAGE OF MATERIAL THAT ARE EXPOSED TO PRECIPITATION: STRUCTURAL CONTROLS: AND, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER.

3. MAINTENANCE OF EROSION AND SILTATION CONTROL DEVICES: SILT FENCE, HAY BALES AND OTHER SILTATION AND EROSION CONTROL DEVICES SHALL BE INSPECTED DAILY BY THE CONTRACTOR DURING CONSTRUCTION. ANY INSTALLATION THAT HAS BEEN DAMAGED OR DISPLACED COMPONENTS, SHALL BE REPLACED OR REPAIRED IMMEDIATELY.

4. MAINTENANCE OF EROSION AND SILTATION CONTROL DEVICES: DURING DEWATERING: PRIOR TO COMMENCING DEWATERING THE CONTRACTOR SHALL INSPECT THE TEMPORARY SEDIMENT, SUMP, SILT FENCE, HAY BALES AND OTHER COMPONENTS OF THE SILTATION AND EROSION CONTROL SYSTEM. DAMAGED OR DISPLACED COMPONENTS SHALL BE REPLACED OR REPAIRED PRIOR TO STARTING DEWATERING.

#### **EROSION AND SILTATION CONTROL:**

THE PROPOSED SILT FENCE WILL BE PLACED AT THE SITE PERIMETER PRIOR TO BEGINNING CLEARING OR DEMOLITION. THE SILT FENCE WILL REMAIN IN PLACE THROUGHOUT THE DURATION OF CONSTRUCTION WHICH IS ESTIMATED TO BE NINE MONTHS. ADDITIONAL EROSION CONTROL MEASURES SUCH AS FILTER CLOTH OVER INLET GRATES AND HAY BALES AT INLETS WILL BE IMPLEMENTED AS REQUIRED DURING CONSTRUCTION, FINAL STABILIZATION OF THE SITE WILL OCCUR AT THE END OF CONSTRUCTION WITH THE INSTALLATION OF THE LANDSCAPING. INTERIM STABILIZATION IN SELECT AREAS SUCH AS THE FILL SLOPE WILL BE IMPLEMENTED AS CONSTRUCTION ALLOWS.

A GRAVEL AREA LOCATED INSIDE THE PROPERTY AT THE CONSTRUCTION ENTRANCE WILL BE USED TO REDUCE SOIL TRACKING FROM THE SITE.

THE MAINTENANCE SCHEDULE FOR THE EROSION AND SILTATION CONTROL SYSTEM SHALL BE AS FOLLOWS:

1. DAILY INSPECTION OF THE PERIMETER SILT FENCE FOR DAMAGE OR BREACHES. REPAIR AS NECESSARY.

2. WEEKLY INSPECTION OF GRAVEL AREA AT CONSTRUCTION ENTRANCE, ADD GRAVEL AS REQUIRED TO MAINTAIN EFFECTIVENESS.

3. STABILIZE SLOPES WITH SOD AS SOON AS FINISHED GRADING IS COMPLETE. WEEKLY INSPECTION OF SODDED SLOPES AND REPAIR OF ANY WASHOUTS OR ERODED AREAS.

4. DAILY INSPECTION OF ADJOINING ROADWAY. SWEEP PAVEMENT AND GUTTERS AS REQUIRED TO REMOVE TRACKED SOIL.

SOLID WASTE INCLUDING CONSTRUCTION DEBRIS WILL BE PLACED IN ROLL ON CONTAINERS. IT IS ESTIMATED THAT THE DEBRIS WILL HAVE TO BE REMOVED AT ONE TO TWO WEEK INTERVALS DURING BUILDING CONSTRUCTION. SOLID WASTE MANAGEMENT, EROSION AND SILTATION CONTROL DEVICES SHALL BE INSTALLED, INSPECTED AND MAINTAINED BY THE GENERAL CONTRACTOR.

#### NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM NOTES:

A) NPDES CONSTRUCTION GENERIC PERMIT COVERAGE SHALL BE OBTAINED AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION COMMENCEMENT IN ACCORDANCE WITH RULE 62-621.300(4)(a), F.A.C.

B) A COPY OF THE CERTIFIED NPDES NOI, OR A COPY OF THE FDEP COVERAGE CONFIRMATION LETTER SHALL BE POSTED AT THE SITE IN ACCORDANCE WITH RULE 62-621.300(4)(a) PART III.C.2, F.A.C.

C) A COPY OF THE CERTIFIED NPDES NOI, OR A COPY OF THE FDEP COVERAGE CONFIRMATION LETTER SHALL BE PROVIDED TO AIR AND WATER QUALITY IN ACCORDANCE WITH RULE 62-621.300(4)(a) PART III.D.1, F.A.C.

D) THE SWPPP SHALL BE CERTIFIED IN ACCORDANCE WITH RULE 62-621.300(4)(a) PART V.D.6, F.A.C., AND A COPY OF THE CERTIFIED DOCUMENT SHALL BE SUBMITTED TO AIR AND WATER QUALITY AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

E) A COPY OF THE SWPPP, AND COPIES OF THE INSPECTION AND MAINTENANCE RECORDS SHALL BE MAINTAINED AT THE PROJECT SITE, AND SHALL BE READILY AVAILABLE TO COUNTY OR STATE INSPECTORS.

F) THE SWPPP SHALL BE CERTIFIED IN ACCORDANCE WITH RULE 62-621.300(4)(A) PART V.D.6, F.A.C., AND A COPY OF THE CERTIFIED DOCUMENT SHALL BE SUBMITTED TO AIR AND WATER QUALITY AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

#### POLLUTION CONTROL NOTES:

1. EROSION AND SEDIMENT CONTROL BMP's IN ADDITION TO THOSE PRESENTED ON THE PLANS AND SHALL BE IMPLEMENTED AS NECESSARY TO PREVENT TURBID DISCHARGES FROM FLOWING ONTO ADJACENT PROPERTIES OR ROADWAYS, OFF SITE STORMWATER CONVEYANCES OR RECEIVING WATERS, OR ON SITE WETLANDS AND SURFACE WATERS. BMP's SHALL BE DESIGNED, INSTALLED AND MAINTAINED BY THE SITE OPERATOR TO ENSURE THAT OFF SITE SURFACE WATER QUALITY REMAINS CONSISTENT WITH STATE AND LOCAL REGULATIONS, (THE OPERATOR IS THE ENTITY THAT OWNS OR OPERATES THE CONSTRUCTION ACTIVITY AND HAS AUTHORITY TO CONTROL THOSE ACTIVITIES AT THE PROJECT NECESSARY TO ENSURE COMPLIANCE.)

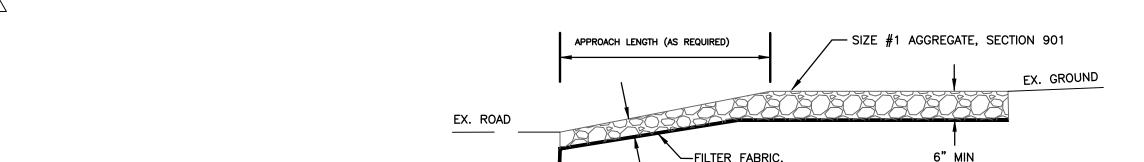
2. OFF SITE SURFACE WATER DISCHARGES, DISCHARGES TO THE MS4, OR DISCHARGES TO ONSITE WETLANDS OR SURFACE WATERS WITH TURBIDITY IN EXCESS OF 29 NEPHELOMETRIC TURBIDITY UNITS (NUT's) ABOVE BACKGROUND LEVEL SHALL BE IMMEDIATELY CORRECTED. SUCH INCIDENTS SHALL BE REPORTED TO THE ENGINEER OF RECORD AND THE CITY OF VENICE WITHIN 24 HOURS OF THE OCCURRENCE. THE REPORT SHALL INCLUDE THE CAUSE OF THE DISCHARGE AND CORRECTIVE ACTIONS TAKEN.

3. THE OPERATOR SHALL ENSURE THAT ADJACENT PROPERTIES ARE NOT IMPACTED BY WIND EROSION, OR EMISSIONS OF UNCONFINED PARTICULATE MATTER IN ACCORDANCE WITH RULE 62-296-320 (4)(c)1, F.A.C., BY TAKING APPROPRIATE MEASURES TO STABILIZE AFFECTED AREAS.

4. FUEL OR OTHER PETROLEUM PRODUCT SPILLS THAT ENTER STORM WATER DRAINS OR WATER BODIES, OR FUEL AND OTHER PETROLEUM PRODUCT SPILLS IN EXCESS OF 25 GALLONS SHALL BE CONTAINED, CLEANED UP AND IMMEDIATELY REPORTED TO THE ENGINEER OF RECORD AND THE CITY OF VENICE. SMALLER GROUND SURFACE SPILLS SHALL BE CLEANED UP AS SOON AS PRACTICAL.

5. IF CONTAMINATED SOIL AND /OR GROUNDWATER IS DISCOVERED DURING DEVELOPMENT OF THE SITE, ALL ACTIVITY IN THE VICINITY OF THE CONTAMINATION SHALL IMMEDIATELY CEASE, AND THE ENGINEER OF RECORD AND THE CITY OF VENICE SHALL BE CONTACTED.

THE DISCHARGE OF GROUNDWATER PRODUCE THROUGH DEWATERING, TO SURFACE WATERS, OR TO ANY PORTION OF THE MS4 WILL REQUIRE SEPARATE PERMITTING FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP). PERMIT(S) SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF DEWATERING. ANALYTICAL RESULTS FROM PRE-DISCHARGE TESTING SHALL BE PROVIDED TO THE CITY OF VENICE AND THE ENGINEER OF RECORD.



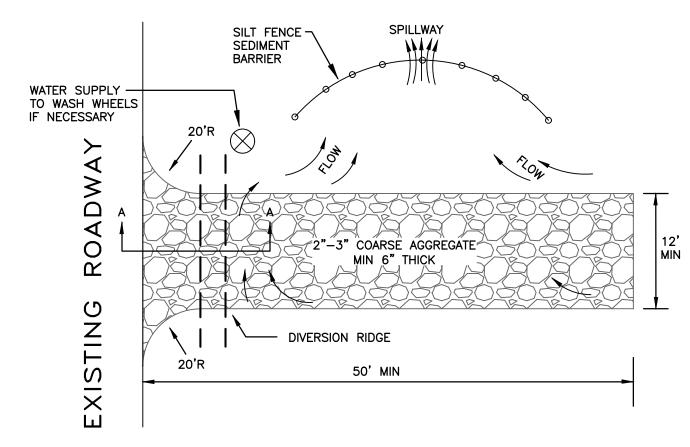
SOIL TRACKING DEVICE, TYPE A SHALL BE CONSTRUCTED IN ACCORDANCE WITH FDOT INDEX 106

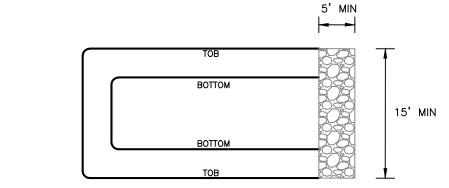
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC R/W OR OFF-SITE. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

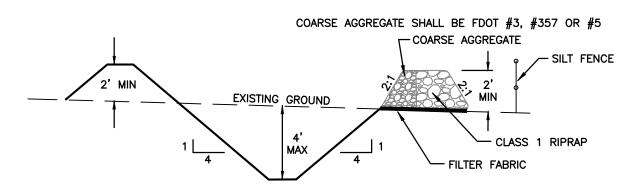
TYPE D1 - INDEX 199

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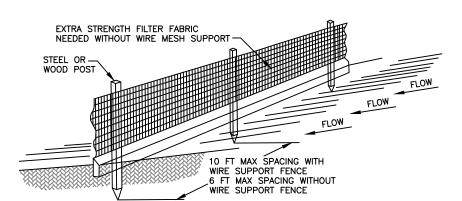
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTP PUBLIC R/W OR OFF-SITE. 3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. 4. ROCK RIPRAP SHALL BE PER FDOT STANDARD SPECIFICATION 530-2.2.

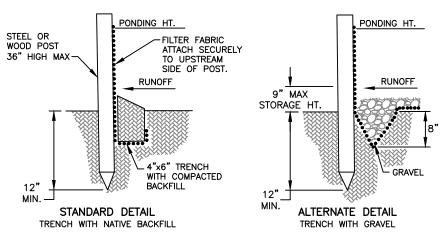






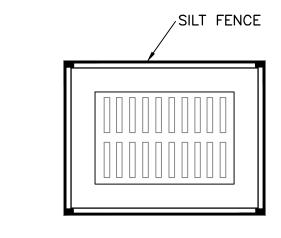
TEMPORARY SEDIMENT TRAP DETAIL CONTRACTOR TO LOCATE ONSITE AS NEEDED. ROCK RIPRAP SHALL BE PER FDOT STANDARD SPECIFICATION 530-2.2.

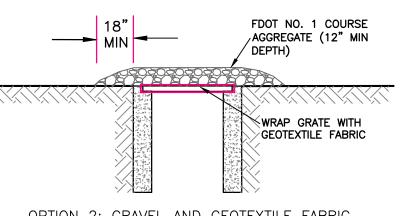


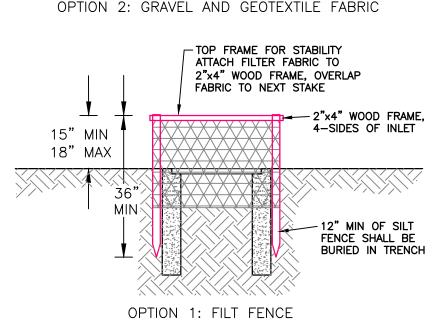


SILT FENCE DETAIL

1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. INSPECT WEEKLY AT A MINIMUM.
 REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF—SITE AND CAN BE PERMANENTLY STABILIZED.
 SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING



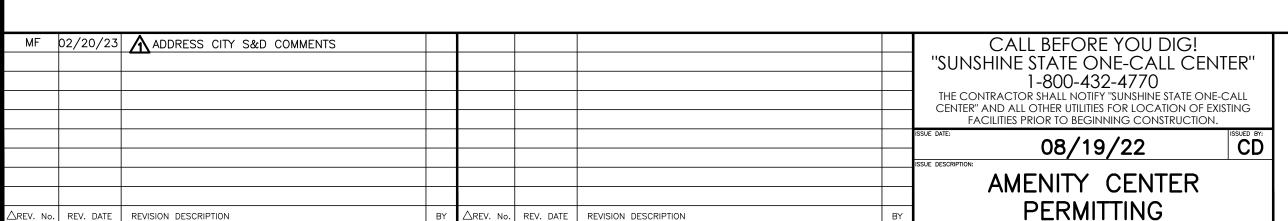




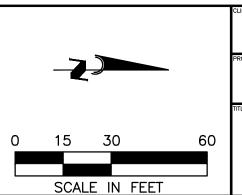
INLET SEDIMENT FILTER DETAIL ROCK RIPRAP SHALL BE PER FDOT STANDARD SPECIFICATION 530-2.2.

BOBBI R. CLAYBROOKE, P.E.

FLORIDA P.E. No. 90804

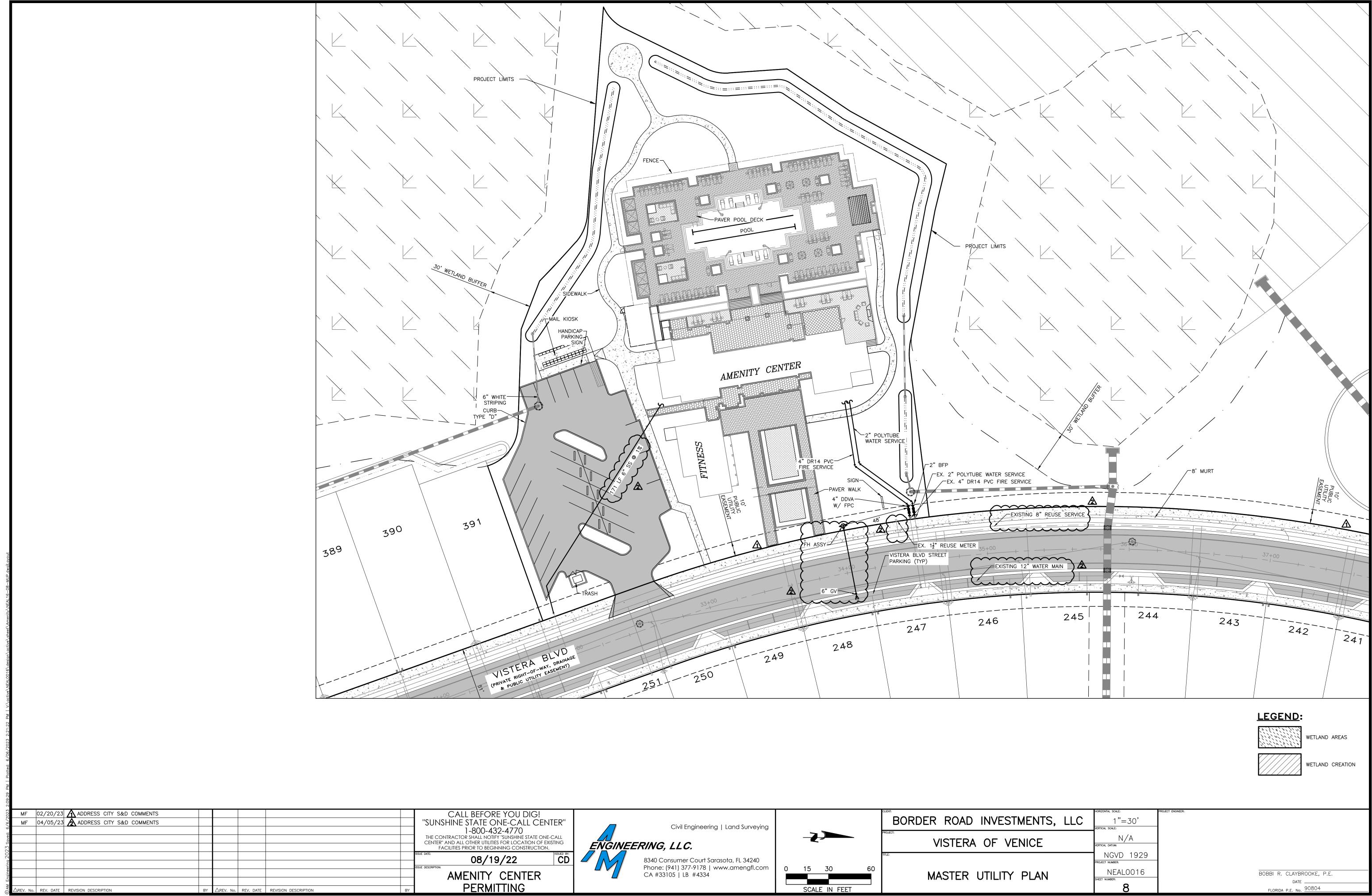


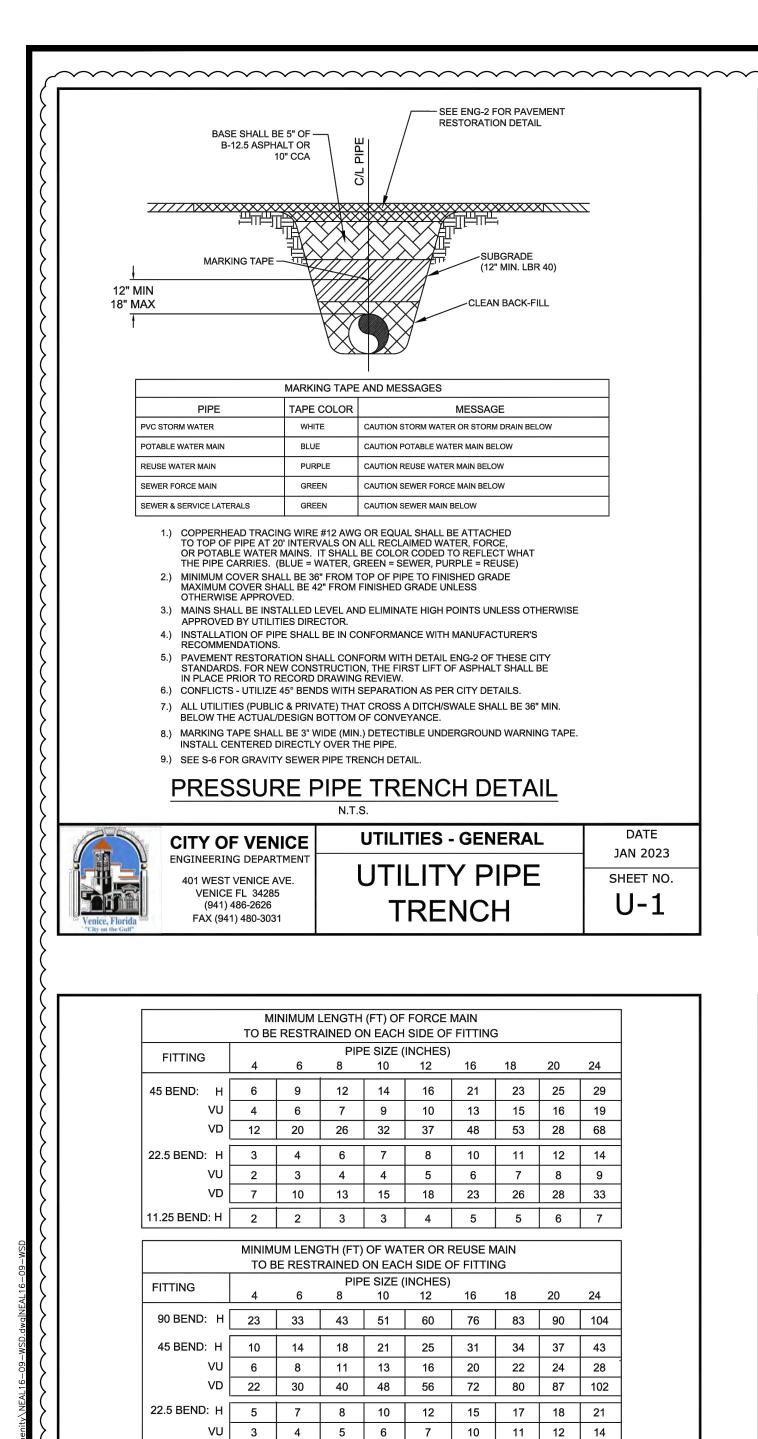




| BORDER ROAD INVESTMENTS, LLC | HORIZONTAL SCALE:  1"=30'  VERTICAL SCALE:       | PROJECT ENGINEER: |
|------------------------------|--|-------------------|
| VISTERA OF VENICE            | N/A<br>VERTICAL DATUM:                           |                   |
| STORMWATER POLLUTION         | NGVD 1929 PROJECT NUMBER: NEALOO16 SHEET NUMBER: |                   |

CA #33105 | LB #4334





VD | 10 | 15 | 19 | 23 | 27 | 35 | 38 | 42 | 49

11.25 BEND: H 2 3 4 5 6 7 8 9 10

VALVES/PLUGS: 52 73 96 115 136 174 193 211 246

.) RESTRAINED JOINT LENGTH FOR WATER AND REUSE MAINS BASED ON TEST PRESSURE OF 150 PSI. RESTRAINED JOINT

LENGTH FOR FORCE (SEWER) MAINS BASED ON TEST PRESSURE OF 100 PSI. CALCULATIONS WERE MADE USING EBAA

PRESSURE MAIN RESTRAINED

**JOINT TABLE** 

**UTILITIES - GENERAL** 

RESTRAINED

JOINT TABLE

IRON SOFTWARE (AVAILABLE AT WWW.EBAA.COM) AND THE FOLLOWING ASSUMPTIONS: GRANULAR MATERIAL (GM) SOIL

TYPE, TRENCH TYPE 3, BURY DEPTH OF 3 FT, AND SAFETY FACTOR OF 2 TO 1. IF FIELD CONDITIONS DIFFER FROM ABOVE

ABBREVIATIONS: H=HORIZONTAL, VU=VERTICAL UP, VD=VERTICAL DOWN.

REVIEW AND APPROVAL, USING THE ASSUMPTIONS LISTED ABOVE.

CITY OF VENICE

NGINEERING DEPARTMENT

401 WEST VENICE AVE.

VENICE FL 34285

(941) 486-2626

FAX (941) 480-3031

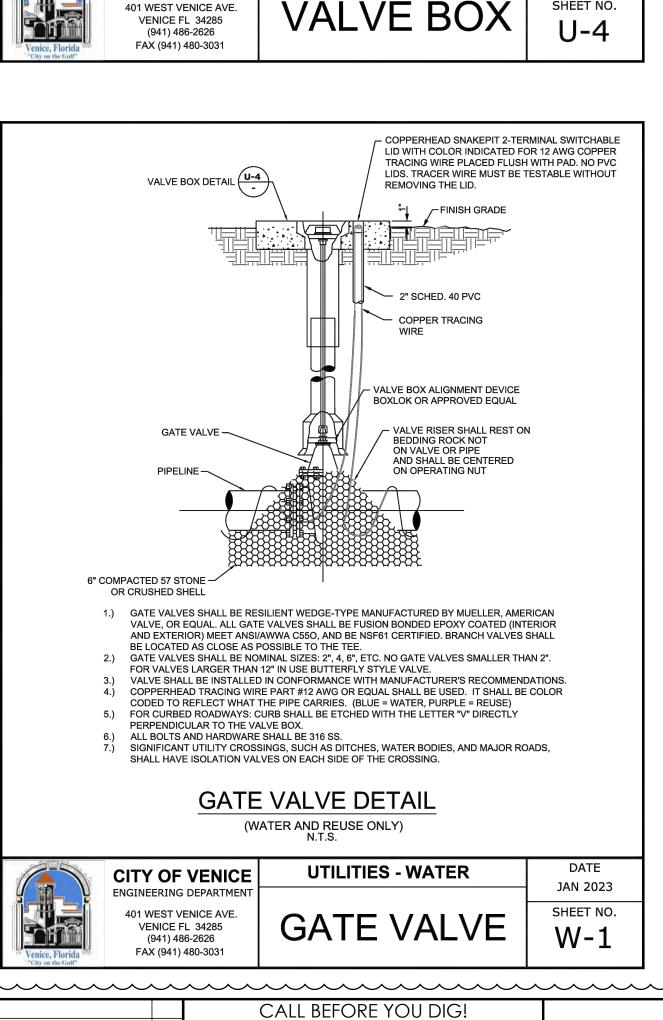
5.) ALL HARDWARE SHALL BE 316 SS.

ASSUMPTIONS EOR SHALL PROVIDE CALCULATIONS BASED ON ACTUAL CONDITIONS.

1.) FOR TEE OR REDUCER FITTINGS SUBMIT RESTRAINED JOINT LENGTH CALCULATIONS TO CITY ENGINEER FOR

3.) RESTRAINED JOINT SHALL BE USED ON ALL JOINTS FROM ANY MAIN TEE TO ANY FIRE HYDRANT ASSEMBLY.

4.) THRUST BLOCKS WILL NOT BE ACCEPTED, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.



VALVE SIZE (I.E. 8)

SERVICE (REUSE

**COVER DETAIL** 

SHALL BE INDICATED (WATER, SEWER, REUSE, OR FIRE)

YEAR INSTALLED (I.E. 2017)

DIRECTION & # OF TURNS TO OPEN (I.E. L-10)

COPPERHEAD SNAKEPIT 2-TERMINA

TRACER WIRE MUST BE TESTABLE

WITHOUT REMOVING THE LIE

2" SCHED. 40 PVC

**PROFILE** 

**UTILITIES - GENERAL** 

COMPACT BACKELL

AROUND TOP SECTION

JAN 2023

SHEET NO.

SWITCHABLE LID WITH COLOR INDICATED

PLACED FLUSH WITH PAD INC PVC LIDS

(3000 PSI AT 28 DAYS WITH

FIBER REINFORCEMENT)

VALVE BOX ASSEMBLY

INCLUDING RISERS

12 AWG COPPER TRACING WIRE

1.) PAVED AREAS: SET CONCRETE PAD AND COVER FLUSH WITH FINISHED PAVEMENT SURFACE.

(BLUE = WATER, GREEN = SEWER, PURPLE = REUSE). CONTRACTOR SHALL PERFORM

CONTINUITY TEST ON ALL TRACER WIRES, WITNESSED BY CITY REPRESENTATIVE.

7.) VALVE BOX COVERS SHALL BE PAINTED BLUE FOR POTABLE WATER, PURPLE FOR

**VALVE BOX DETAIL** 

N.T.S.

3.) VALVES LOCATED IN DITCH AND OVER 4' DEPTH (LINE) MUST USE TRENCH ADAPTER

2.) UNPAVED AREAS: SET PAD AND COVER 1 INCH ABOVE FINISHED GRADE.

IT SHALL BE COLOR CODED TO REFLECT WHAT THE PIPE CARRIES

6.) FOR CURBED ROADWAYS: CURB SHALL BE ETCHED WITH THE LETTER "V"

4.) COPPERHEAD TRACING WIRE #12 AWG OR FOUAL SHALL BE USED

VALVE BOX (AMERICAN FLOW CONTROL).

5.) PRE-CAST PADS MAY BE USED WITH CITY APPROVAL.

DIRECTLY PERPENDICULAR TO THE VALVE BOX.

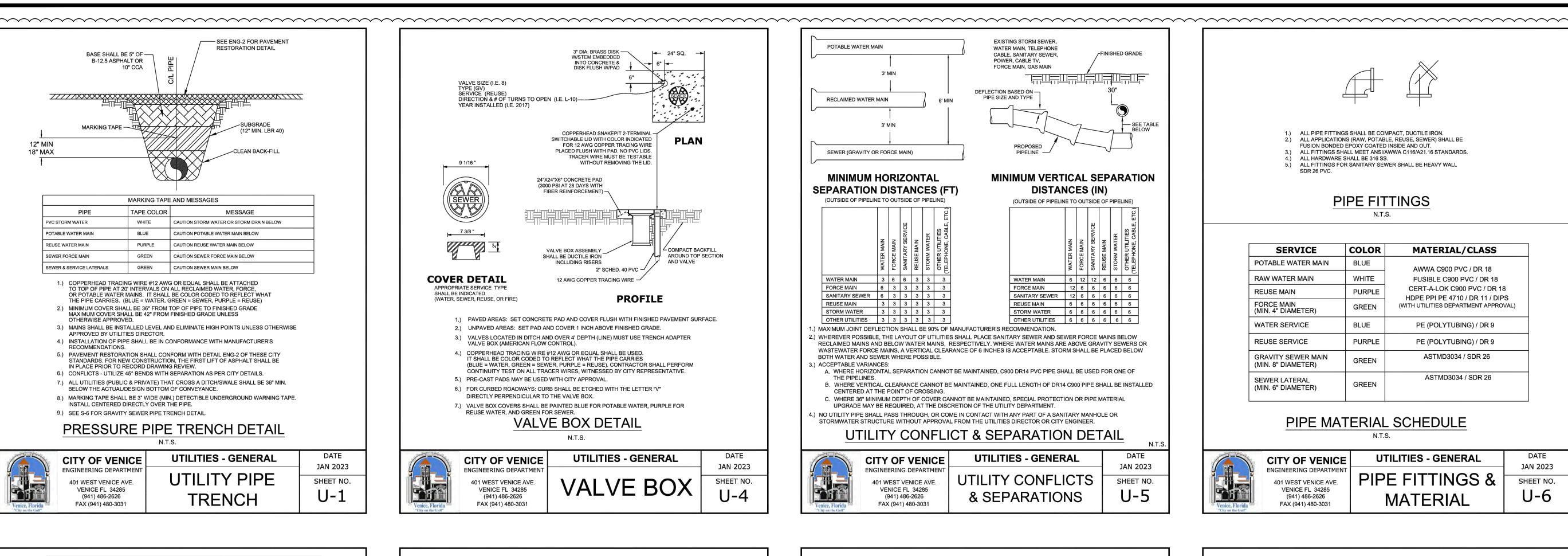
REUSE WATER, AND GREEN FOR SEWER.

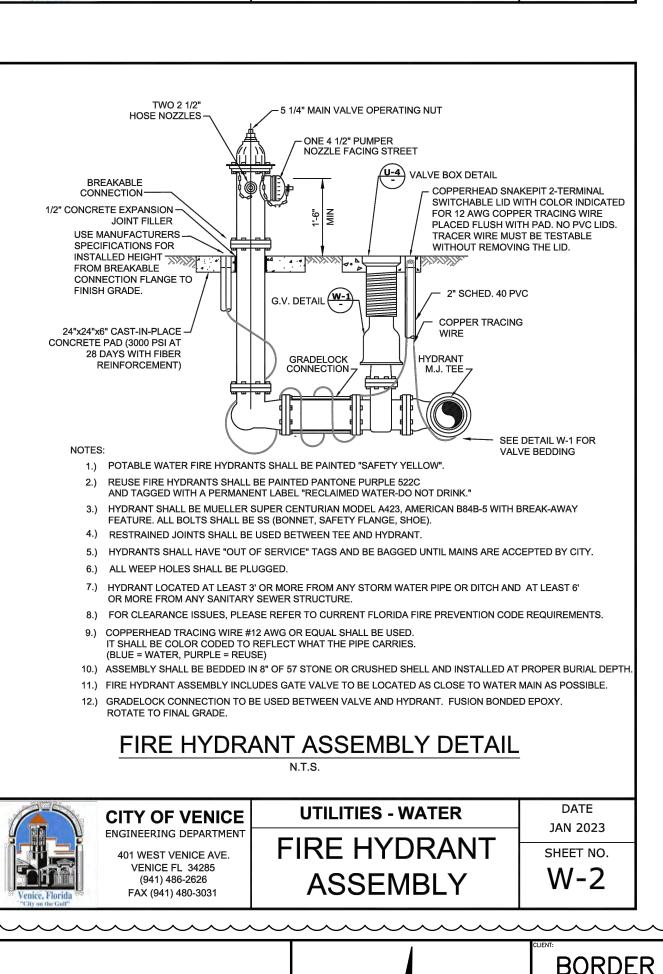
CITY OF VENICE

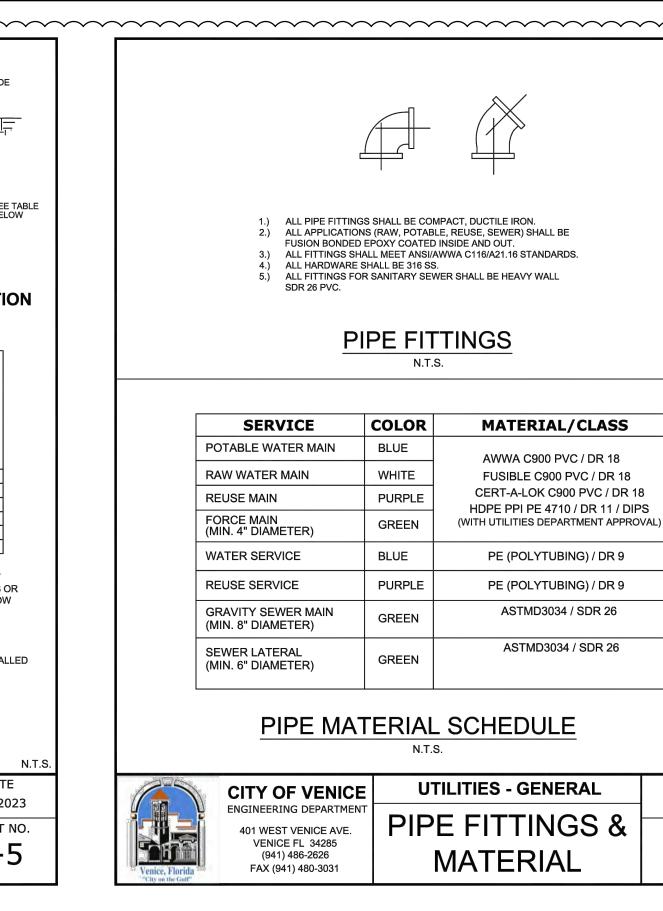
NGINEERING DEPARTMENT

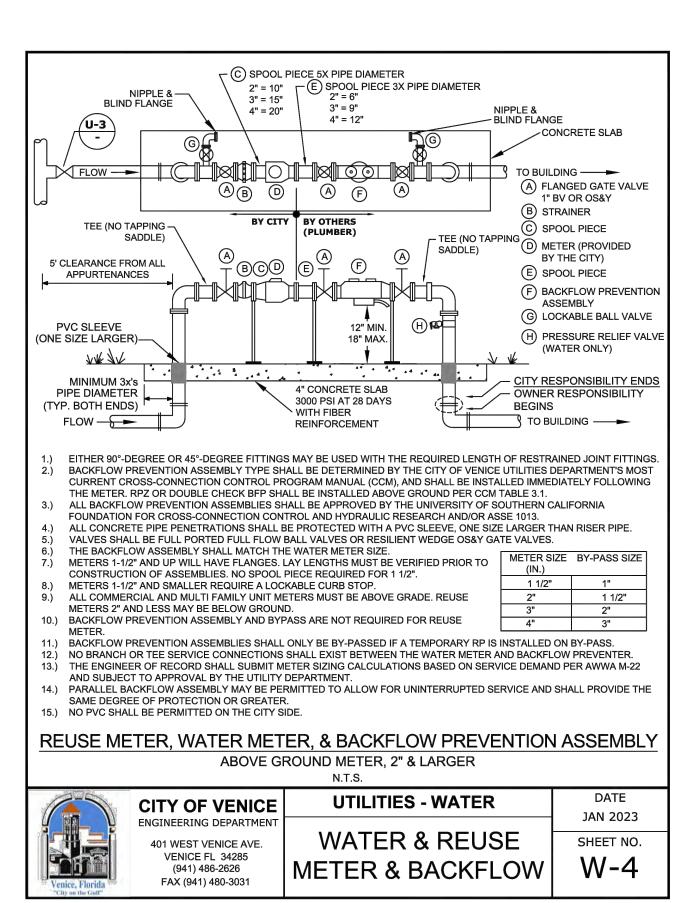
401 WEST VENICE AVE.

SHALL BE DUCTILE IRON







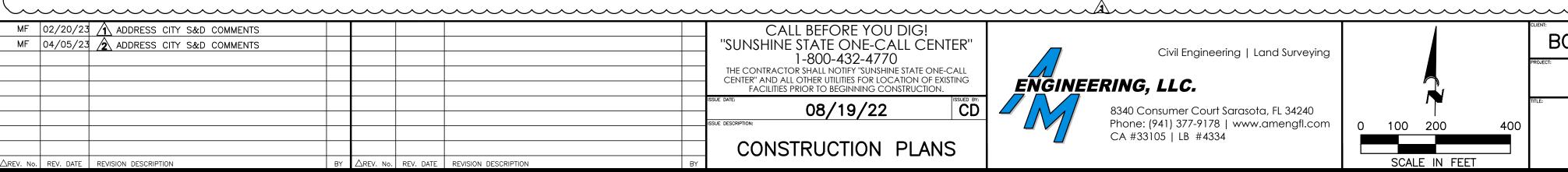


DATE

JAN 2023

SHEET NO.

U-6



N.T.S.

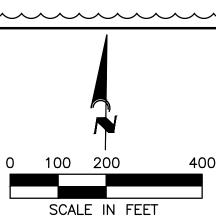
JAN 2023

SHEET NO.

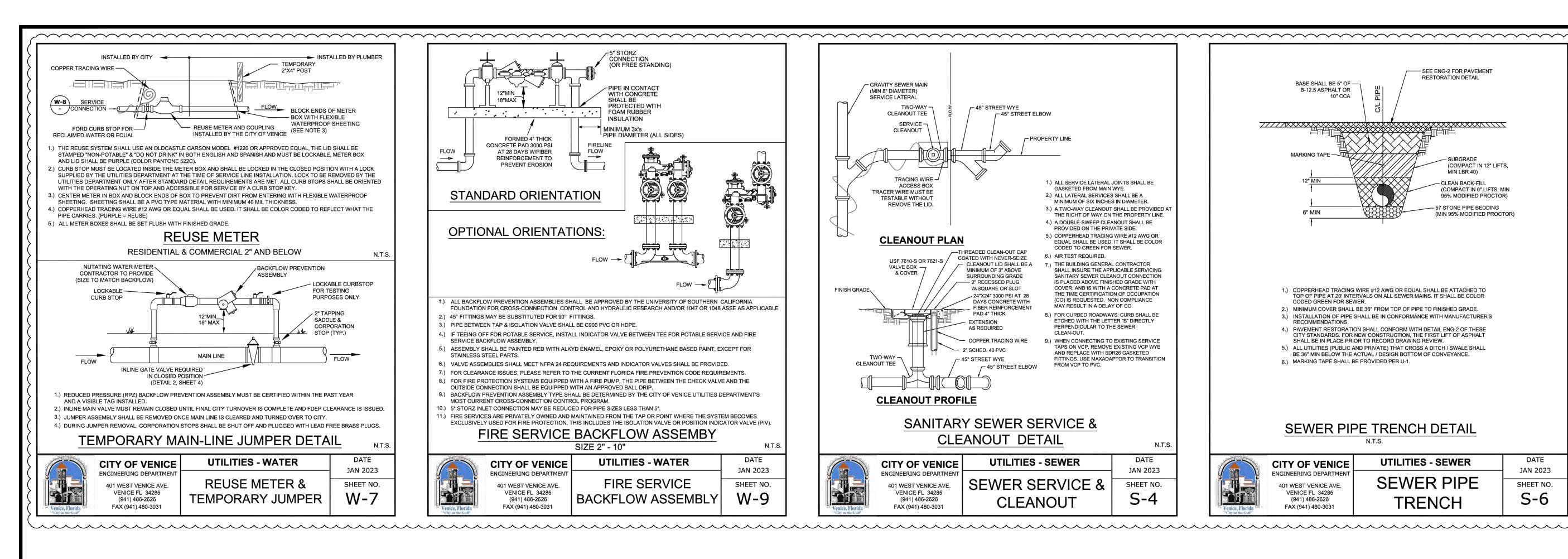
U-7

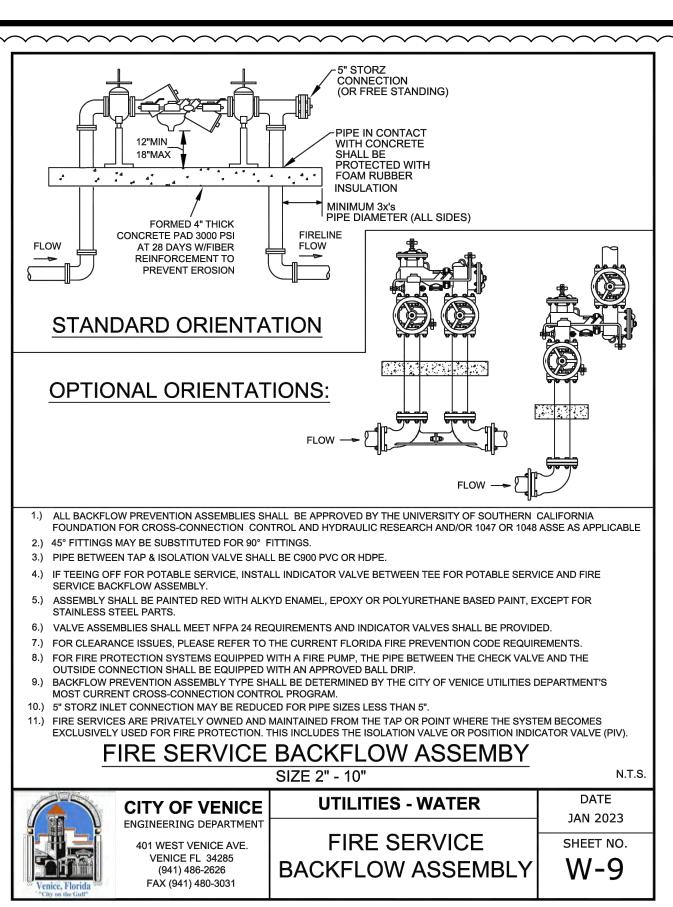


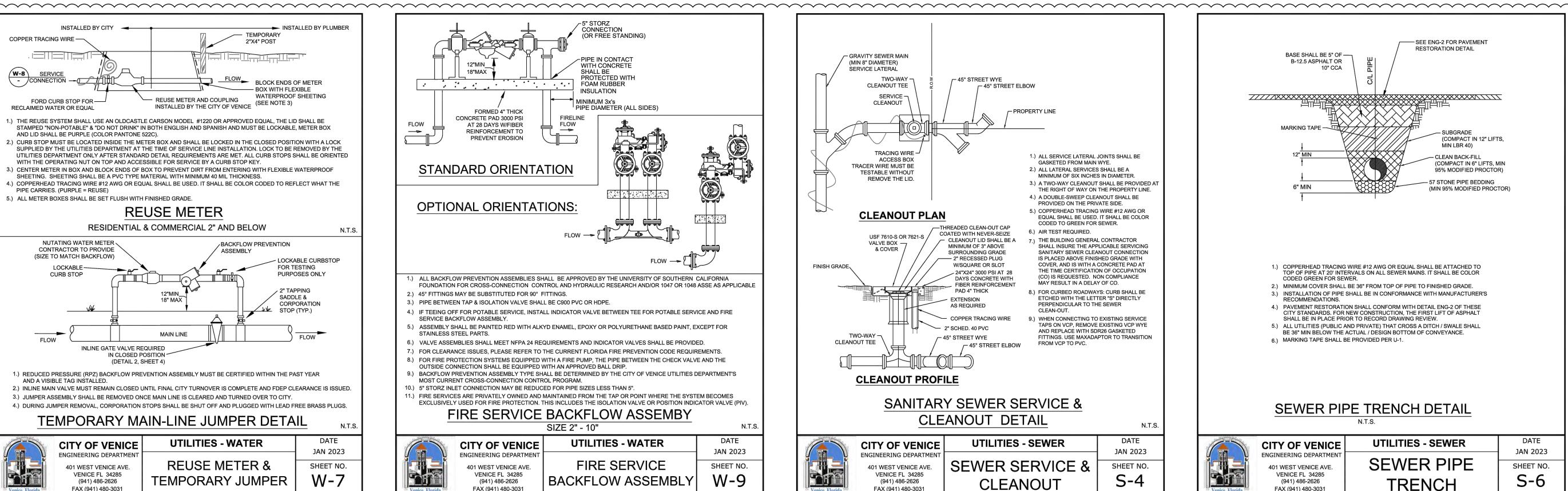
Civil Engineering | Land Surveying 8340 Consumer Court Sarasota, FL 34240 Phone: (941) 377-9178 | www.amengfl.com



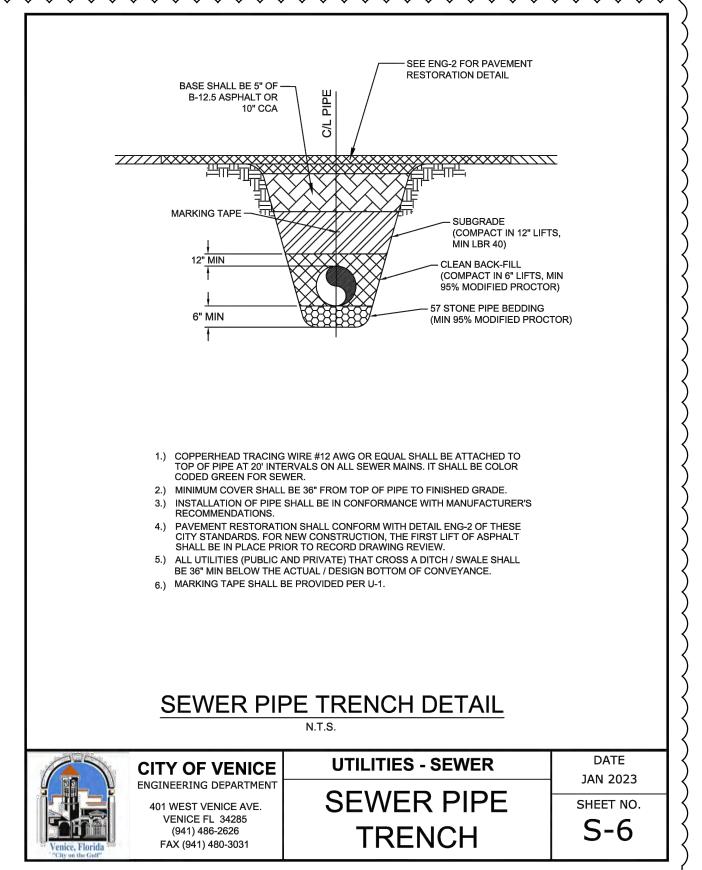
| City out the Colin          |   |
|-----------------------------|---|
|                             |   |
| ORDER ROAD INVESTMENTS, LLC | HORIZONTAL SCALE:  PROJECT ENGINEER:  VERTICAL SCALE: |
| VISTERA OF VENICE           | N/A<br>vertical datum:                                |
| WATER & SEWER DETAILS       | NGVD 1929 PROJECT NUMBER:  NEALOO16 SHEET NUMBER:     |
|                             | I   |







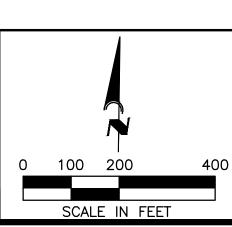
FAX (941) 480-3031





| MF    | 02/20/23   | 3 1 ADDRESS CITY S&D COMMENTS |     |  | CALL BEFORE YOU DIG!   |
|-------|------------|-------------------------------|-----|--|--|
|       |            | 3 ADDRESS CITY S&D COMMENTS   |     |  | "SUNSHINE STATE ONE-CALL CENTER"   |
|       | <u> </u> ' |                               |     |  | 1-800-432-4770   |
|       |            |                               |     |  | THE CONTRACTOR SHALL NOTIFY "SUNSHINE STATE ONE-CALL<br>CENTER" AND ALL OTHER UTILITIES FOR LOCATION OF EXISTING |
|       |            |                               |     |  | FACILITIES PRIOR TO BEGINNING CONSTRUCTION.  |
|       |            |                               |     |  | ISSUE DATE: 08/19/22 ISSUED BY: CD   |
|       | '          |                               |     |  | ISSUE DESCRIPTION:   |
|       | '          |                               |     |  | <b>」</b>   |
|       |            |                               |     |  | CONSTRUCTION PLANS   |
| 4 . ' |            |                               | 4 . |  | 1,   |





| BORDER ROAD INVESTMENTS, LLC | HORIZONTAL SCALE:  N/A  VERTICAL SCALE: | PROJECT ENGINEER:         |
|------------------------------|---|---------------------------|
| VISTERA OF VENICE            | N/A<br>VERTICAL DATUM:                  |                           |
| WATER & SEWER DETAILS        | NGVD 1929 PROJECT NUMBER:  NEALOO16     | BOBBI R. CLAYBROOKE, P.E. |
|                              | SHEET NUMBER:                           | DATE                      |