

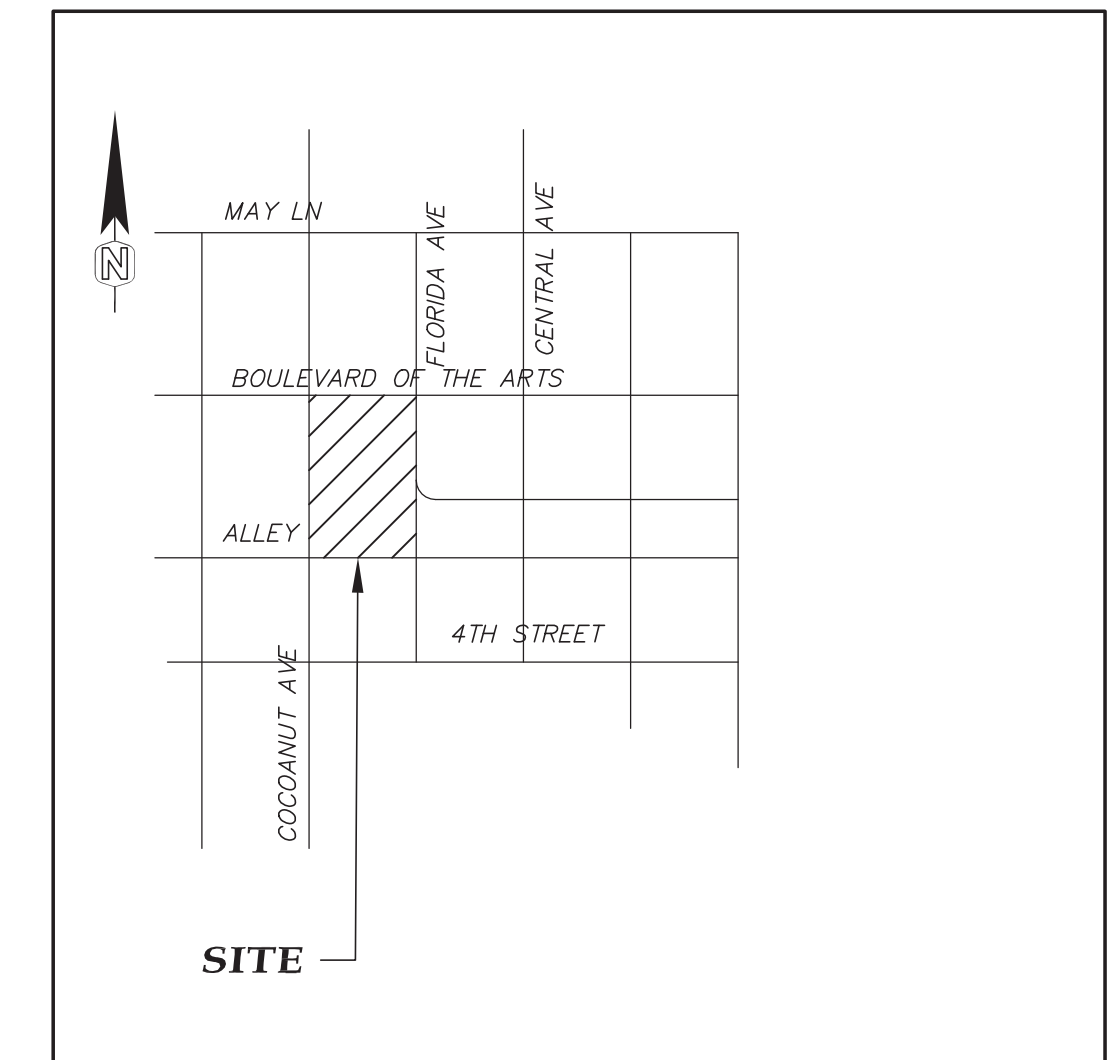
SITE IMPROVEMENT PLAN FOR SARASOTA HOUSING AUTHORITY

**1300 BOULEVARD OF THE ARTS
SARASOTA, FLORIDA 34234**

LEGEND

| SYMBOL | DESCRIPTION |
|--------|--|
| B | BITUMINOUS PAVEMENT. SEE ASPHALT PAVEMENT DETAIL. |
| BD | CONSTRUCT BOLLARD 12" FROM GREASE TRAP. SEE DETAIL. |
| BE | CONSTRUCT PARKING SIGN. SEE DETAIL. |
| BM | BENCH MARK - SEE SURVEY PLAN. |
| CC | 4000 P.S.I. CONCRETE CURBING (MIN. 6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED) MEETING REQUIREMENTS OF ALL AUTHORITIES. PROVIDE EXPANSION JOINTS AT 20'-0" MAXIMUM. SEE TYPE VERTICAL CURB DETAIL AND SPECIFICATION. |
| CO | CLEAN OUT SHALL BE CONSTRUCTED EVERY 50'. SEE DETAIL. |
| CR | CURB TERMINUS. SEE DETAIL. |
| CS | CONSTRUCT "VISITOR PARKING" PAVEMENT SIGN WITH 10" HIGH LETTERS WITH PAINTING SPECIFICATIONS AS INDICATED WITH SYMBOL PAS BELOW IN LEGEND. |
| EJ | EXPANSION JOINT. SEE DETAIL. |
| GBL | GRADE BREAK LINE. |
| GR | CONSTRUCT GRAVEL FILLED BAGS FOR SILT SEDIMENT CONTROL AS REQUIRED. |
| GT | CONSTRUCT SCHER GB-75 GREASE TRAP WITH ACHOR KIT, SR24 RISER AND C24UP COVER. INSTALLATION SHALL BE ACCORDING TO MANUFACTURER'S GUIDE LINES. TOP ELEVATION = 21.2 |
| HC | CONSTRUCT 2' WIDE HANDICAP DETECTABLE WARNING SURFACE PER ADA REQUIREMENTS FULL WIDTH OF WALKWAY PER FDOT INDEX 304. |
| HCS | CONSTRUCT HANDICAP SIGN PER ADA REQUIREMENTS. |
| MP | MOTORCYCLE AND MOPED PARKING. |
| MOT | MAINTENANCE OF TRAFFIC- REFER TO FDOT INDEXES 616, 628, 660 AND RELATED INDEXES. IN ADDITION CONTRACTOR SHALL NOTE CITY OF SARASOTA REQUIREMENTS. |
| MG | CONTRACTOR SHALL MATCH PROPOSED GRADE TO EXISTING GRADE WITH SMOOTH TRANSITION AT 4 HORIZ.: 1 VERT. SLOPE IN UNPAVED AREAS UNLESS OTHERWISE NOTED. |
| P1 | CONSTRUCT 165 LF- 6" DIA. SCH. 40 PVC @0.61% WITH CLEANOUTS EVERY 50'. CONTRACTOR SHALL GROUT ALL JOINTS AT INLET TIE-IN POINTS WITH NON SHRINK GROUT FOR TIGHT SEAL. IF CONFLICT OCCUR IN PIPE ROUTING CONTRACTOR SHALL CONSTRUCT BENDS AND CONTINUE PIPE CONSTRUCTION. THIS ITEM SHALL INCLUDE ALL COSTS FOR MATERIALS, BENDS, CONFLICT RESOLUTION, APPURTENANCES AND LABOR FOR CONSTRUCTION. |
| PAS | TYPICAL PARKING SPACE 6" WIDE WHITE PAINT STRIPE (10 MILS THICK MIN.). ALL MARKINGS SHALL MEET THE RETROREFLECTIVITY REQUIREMENTS OF THE LATEST EDITION OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. |
| RB | RELOCATE BENCH AS PER OWNER'S DIRECTION. |
| RC4 | 4" THICK 4000 P.S.I. CONCRETE, UNLESS NOTE ELSE WHERE ON THESE PLANS OR ON ARCHITECT'S PLANS, REINFORCED WITH 1 LAYER OF 6x6-W2.0xW2.0 WELDED WIRE MESH SET 2" BELOW TOP. SUBGRADE UNDER SIDEWALKS SHALL BE COMPACTED TO 98% AASHTO T-180. |
| RC6 | 6" THICK 4000 P.S.I. CONCRETE, UNLESS NOTE ELSE WHERE ON THESE PLANS OR ON ARCHITECT'S PLANS, REINFORCED WITH 1 LAYER OF 6x6-W2.0xW2.0 WELDED WIRE MESH SET 2" BELOW TOP. SUBGRADE UNDER SIDEWALKS SHALL BE COMPACTED TO 98% AASHTO T-180. |
| RR | CONSTRUCT SAW CUTS, PAVEMENT, ROCK, CONCRETE, SOD, SHRUB AND TREE REMOVAL AS REQUIRED FOR WORK. ALL MATERIAL SHALL BE DISPOSED OF OFF SITE IN AN APPROVED AREA. SITE AREA SHALL BE CLEARED OF ALL ORGANIC SOILS AND MATERIALS AND MECHANICALLY ROOT RACKED TO A DEPTH OF 18" BELOW EXISTING GRADE TO REMOVE ALL ROOTS. |
| SC | SEALCOAT: CONTRACTOR SHALL REMOVE ALL AREAS WHERE THERE ARE OIL STAINS BY SAW CUTTING THEM, REMOVING THE EXISTING ASPHALT AND CONSTRUCTING NEW ASPHALT 1.5" IN DEPTH MIN. WITH SMOOTH JOINTS. CONTRACTOR SHALL FOLLOW MANUFACTURER'S RECOMMENDED CURING TIME FOR ASPHALT PRIOR TO APPLYING SEALCOAT. CONTRACTOR SHALL CLEAN PAVEMENT SURFACE OF ALL LOOSE DUST, DIRT, LEAVES AND ANY FOREIGN MATERIALS IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. CONTRACTOR SHALL CONSTRUCT POLYMER, FROM GEMSEAL, HEAVY DUTY PAVEMENT SEAL AND APPLY PER THE MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL ADD 3-5 POUNDS OF SAND TO THE SEALCOAT AS DESCRIBED IN THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR SKID RESISTANCE. CONTRACTOR SHALL APPLY THREE COATS IN THE DRIVE ISLES AND TWO COATS IN THE PARKING STALLS AND APPLIED AS 0.1-0.15 GAL/SQ.YD. FOR THE FIRST COAT AND 0.10-0.12 FOR THE SECOND AND THIRD COATS. AFTER CURING TIME CONTRACTOR SHALL CONSTRUCT PAINT STRIPING. LIMITS OF SEALCOAT SHALL BE ASPHALT AREAS WITHIN THE PROPERTY. |
| SCR | SILT SCREEN SHALL BE LOCATED ON PROPERTY LINE UNLESS OTHERWISE SHOWN. SEE DETAIL. |
| SG | SIDEWALK GRADE. |
| SN1 | CONSTRUCT YARD DRAIN. SEE DETAIL. |
| SOD | SOD AREA: TOPSOIL, LIME, FERTILIZER AND SOD W/ BAHIA IN ALL AREAS DISTURBED BY CONSTRUCTION. |
| SW | CONSTRUCT SIDEWALK WITH SAW CUT EVERY 5' UNLESS OTHERWISE NOTED. |
| SWC | SAW CUT. |
| TI | CONSTRUCT TIE-IN TO EXISTING BOX WITH CORE BORE AND GROUT JOINT FOR TIGHT SEAL. TIE-IN PRICE SHALL INCLUDE BOX RESTORATION AS REQUIRED FOR TIE-IN, MATERIALS LABOR AND APPURTENANCES REQUIRED TO COMPLETE WORK. INV. EL.=18.00 |
| TF | TOE FOOTING- SEE DETAIL. |
| WL | EX. WATER LINE TO REMAIN. |
| | FLOW DIRECTIONAL INTENT. |
| | EXISTING FEATURES. |
| | EXISTING ITEMS TO BE REMOVED. |
| | PLAN CHANGES. |

LOCATION MAP



NOT TO SCALE

SITE DATA

SARASOTA COUNTY TAX ID NO: 2026120011

OWNER/ APPLICANT:
SARASOTA HOUSING AUTHORITY
269 S. OSPREY AVENUE, SUITE 100
SARASOTA, FLORIDA 34236
(941) 361-6210

ENGINEER:
W. R. COOK ENGINEERING, LLC
3012 RIVERVIEW BLVD.
BRADENTON, FL 34205
PH. (941) 224-4839
E-MAIL : WRCOOKJR@VERIZON.NET

SURVEYOR:
OMC SURVEYING AND MAPPING
518 15TH ST. W.
BRADENTON, FLORIDA 34205
(941) 345-5451

UTILITY COMPANIES AND FIRE DEPARTMENTS:

WATER: CITY OF SARASOTA
1750 12TH ST.
SARASOTA, FLORIDA 34236
PHONE NO.: 941-365-2200

POWER: FPL
1651 WHITFIELD AVE
SARASOTA, FL 34243

TELEPHONE: FRONTIER
5631 26TH ST. WEST
BRADENTON, FL 34207

FIRE DEPT: SARASOTA COUNTY
PH.: 941-861-5000

TECO PEOPLES GAS: (813) 275-3700

NOTE:

SEALCOAT. IT IS NOT THE ENGINEER'S RECOMMENDATION FOR PLACING A SEALCOAT ON THE PARKING AREA. THIS ITEM IS BEING ADDED AT THE REQUEST OF THE OWNER AND THE ENGINEER DOES NOT TAKE RESPONSIBILITY FOR IT. MANUFACTURER'S WARNING- SKID RESISTANCE: SEALCOAT, WHEN IMPROPERLY APPLIED AND/OR UNDER CERTAIN ENVIRONMENTAL CONDITIONS, MAY BECOME SLIPPERY.



WRCook Engineering, LLC

3012 RIVERVIEW BLVD., BRADENTON, FL 34205
PHONE: (941) 224-4839
E-MAIL ADDRESS: reed@wrcookeengineering.com
CERTIFICATE OF AUTHORIZATION 26028

INDEX OF DRAWINGS

- | | |
|---|------------------|
| 1 | TITLE SHEET |
| 2 | DEMO PLAN |
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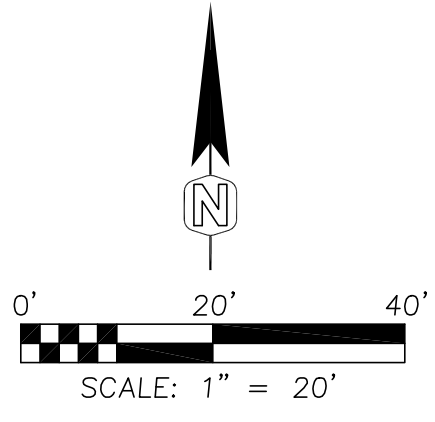
William R Cook Jr Digitally signed by William R Cook Jr
Date: 2018.06.25 13:59:07 -04'00'

WILLIAM R. COOK, JR., STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 34806
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY WILLIAM R. COOK, P. E. ON 6/25/18.
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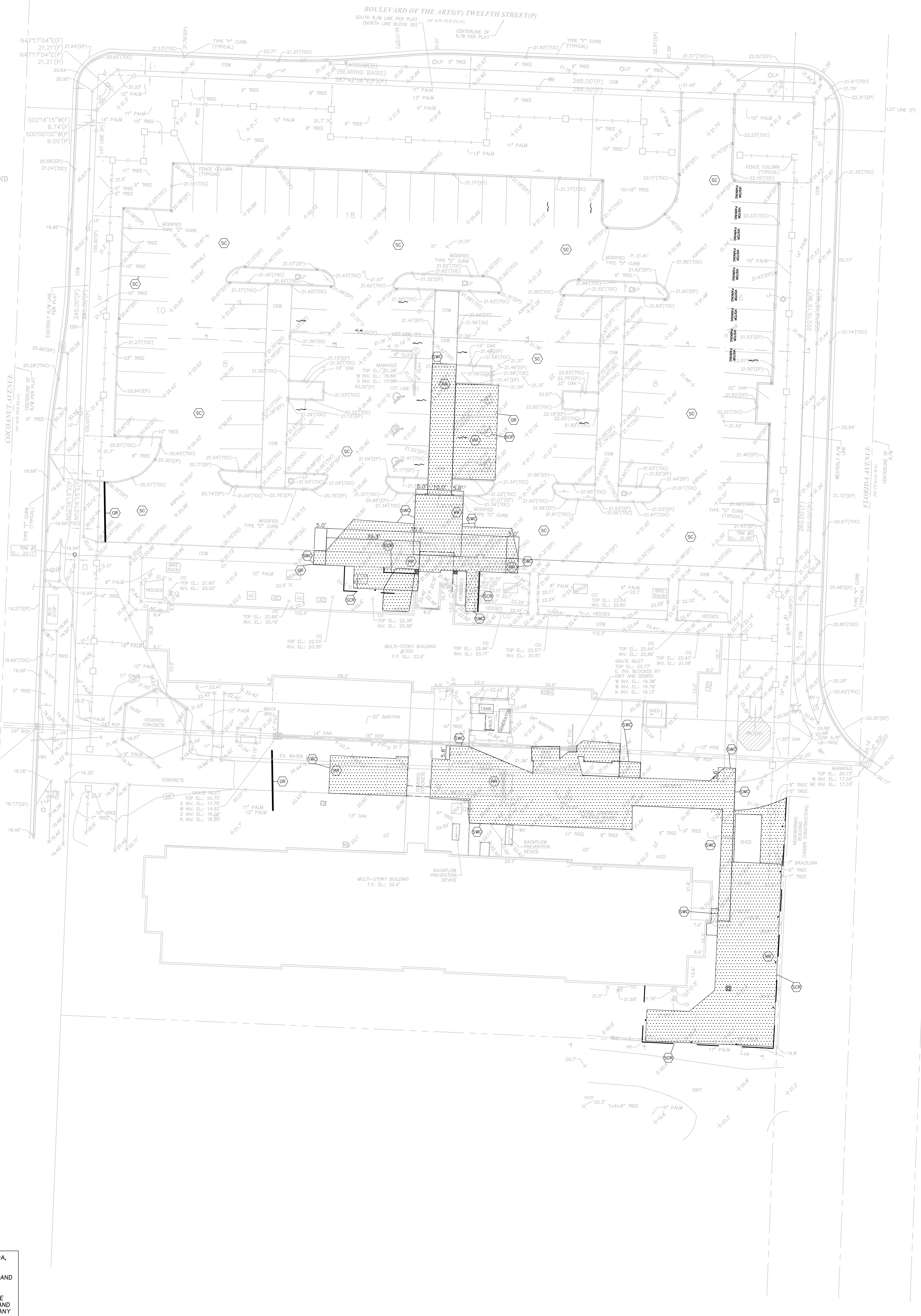
WILLIAM R. COOK, JR., P.E.
REGISTRATION NO. 34806

DATE: _____

JOB NO:
SHA
SHEET
1



PARKING LOT LEGEND
 EP=EDGE OF PAVEMENT
 TOC=TOP OF CURB
 SG=SIDEWALK GRADE



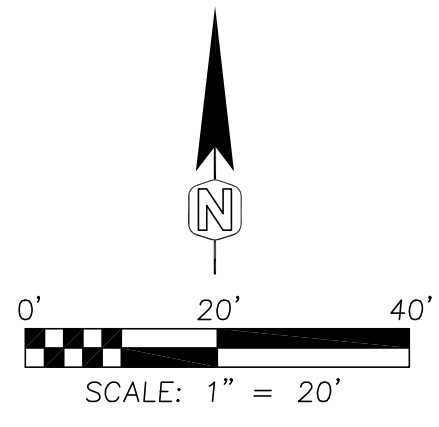
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| DRAWN : | WRC |
| CHECKED : | WRC |
| APPROVED : | WRC |
| SCALE : | AS SHOWN |
| DATE : | JUNE, 2018 |
| PROJECT NO. : | SHA 1300 BLVD |
| SHEET : | 2 |
| DATE : | |
| NAME : | WILLIAM REED COOK, JR., P.E. |
| FLORIDA REGISTRATION NO. : | 34806 |
| CERTIFICATE OF AUTHORIZATION NO. : | 26288 |

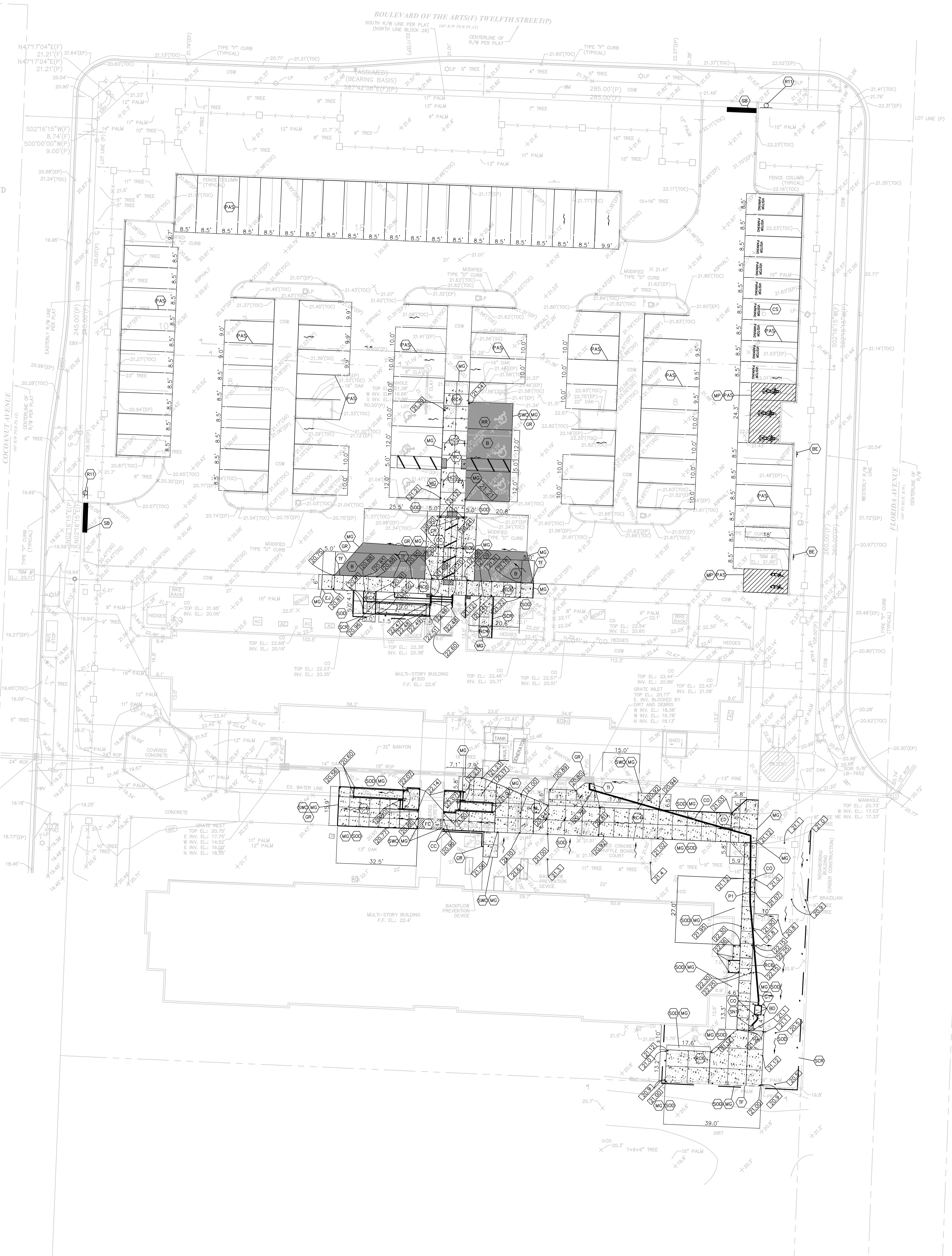
WRCook Engineering, LLC
 3012 RIVERVIEW BLVD., BRADENTON, FL 34205
 PHONE: (941) 224-4539
 E-MAIL ADDRESS: Reed@WRCookEngineering.com
 CERTIFICATE OF AUTHORIZATION: 26288

TITLE
 1300 BOULEVARD OF THE ARTS
DEMO PLAN
 SEC. 19, TWP. 36 S., RGE. 18 E., CITY OF SARASOTA, FL

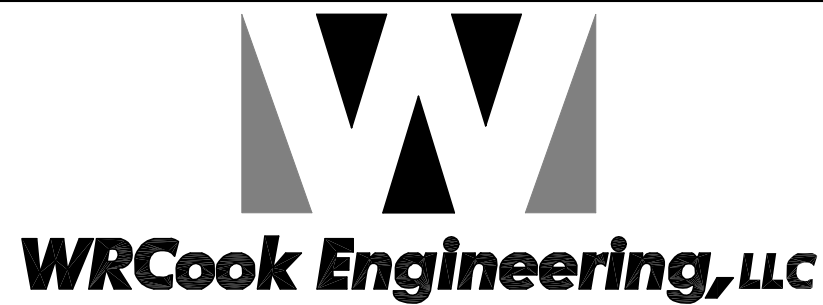
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PARKING LOT LEGEND
 EP=EDGE OF PAVEMENT
 TOC=TOP OF CURB
 SG=SIDEWALK GRADE



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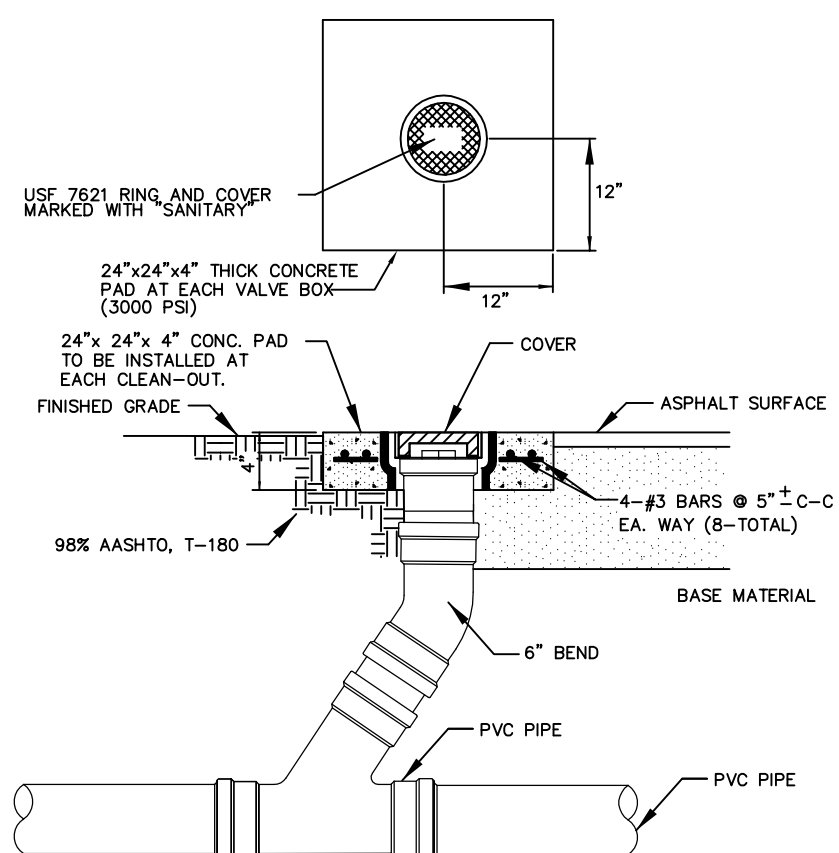


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 1300 BOULEVARD OF THE ARTS
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 SEC. 19, TWP. 36 S., RGE. 18 E., CITY OF SARASOTA, FL

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| 1. | 1/4/18 | PARKING SPACE CHANGES PER CLIENT |

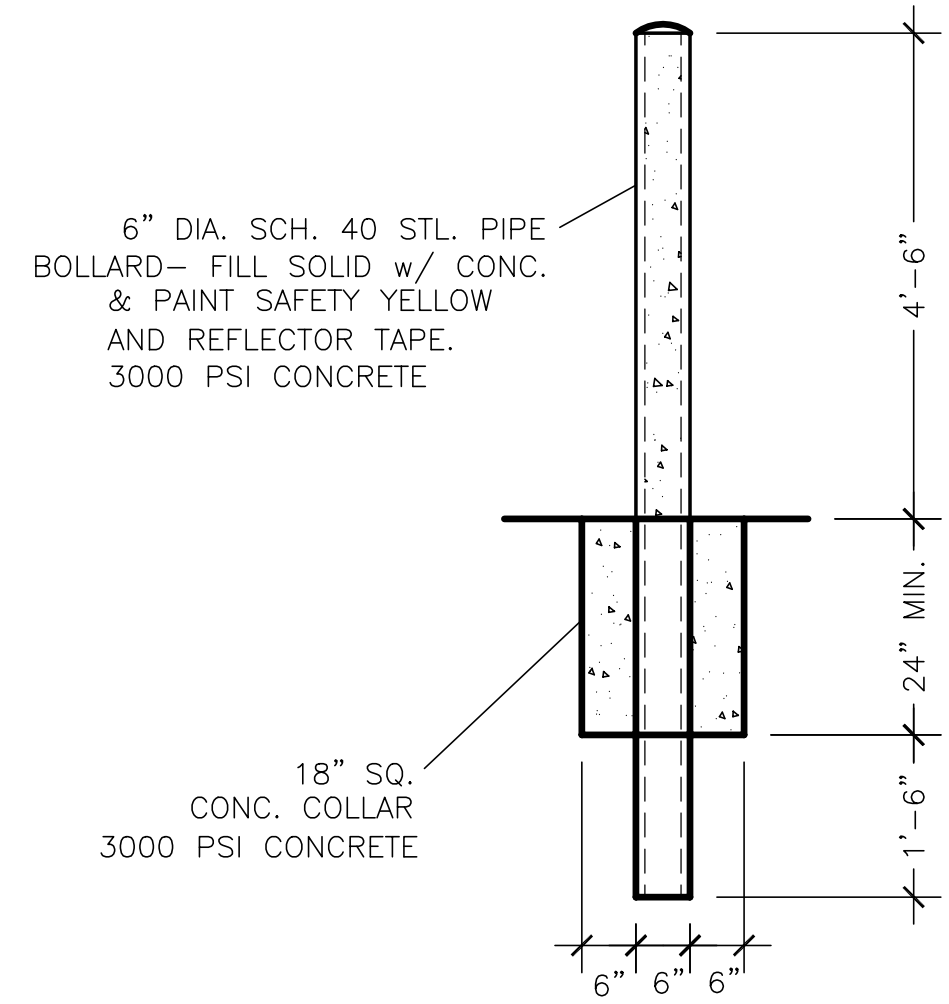
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| DATE | JUNE, 2018 |
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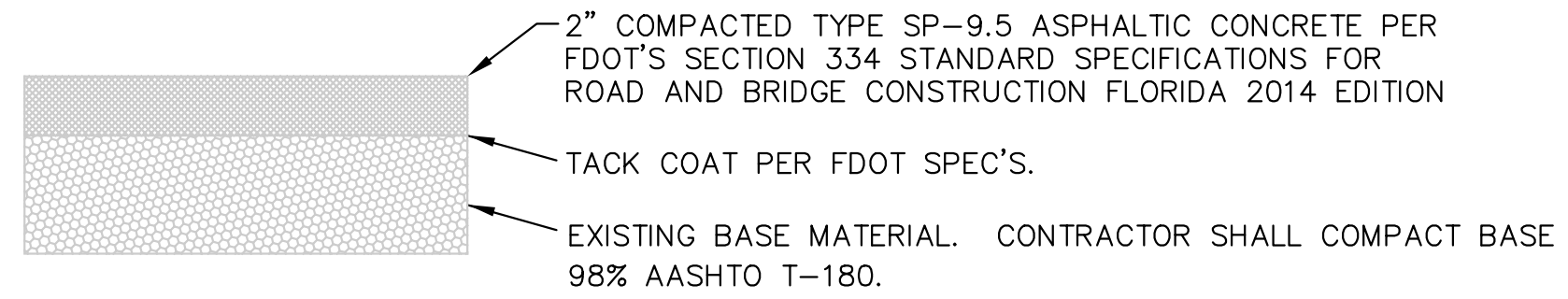


NOTES:
 1. ALL PROPOSED CLEAN-OUTS AND PADS SHALL BE ADJUSTED TO FINISHED GRADES AS ESTABLISHED IN THE FIELD.
 2. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1/2".
 3. ALL CLEAN-OUT LIDS MUST BE INSTALLED WITH PLUMBERS TAPE.
 4. CONTRACTOR SHALL PLACE STAKE TO MARK END OF PIPE W/ PIPE ELEVATION.

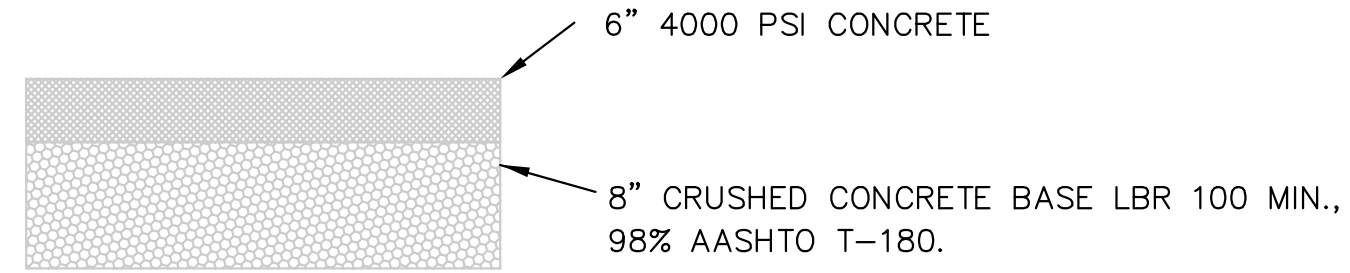
CONCRETE CLEAN-OUT PAD DETAIL
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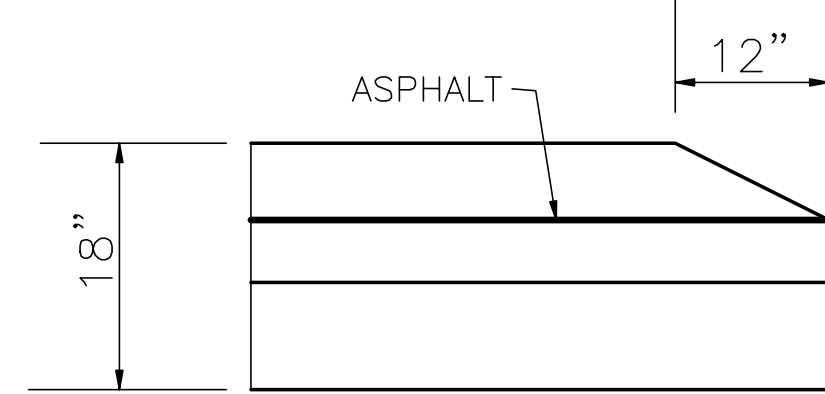
BOLLARD DETAIL
 NTS



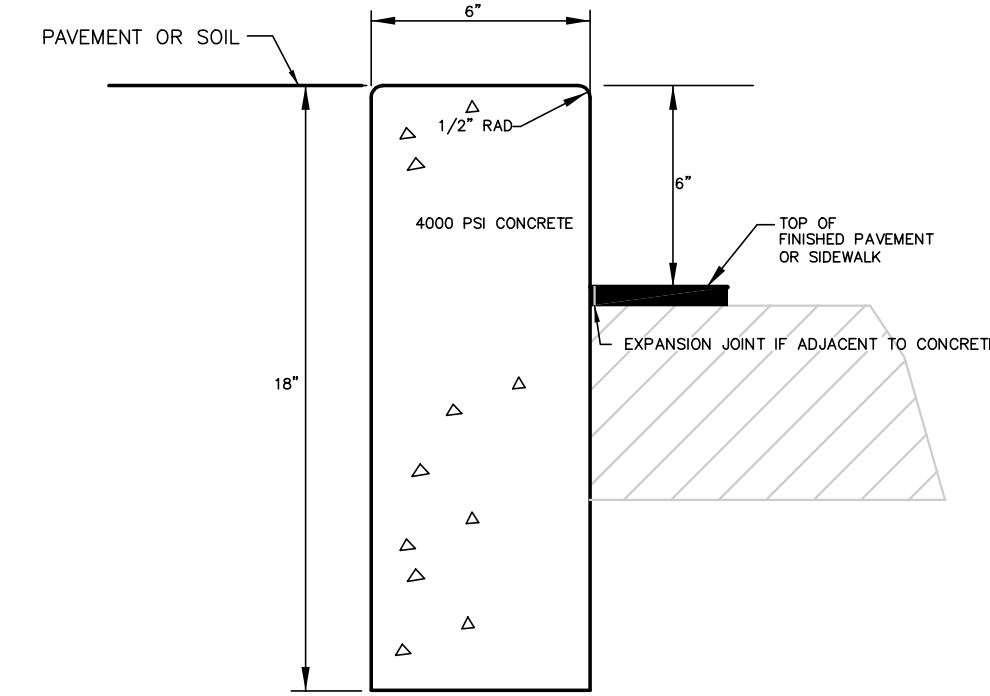
ASPHALT PAVING DETAIL
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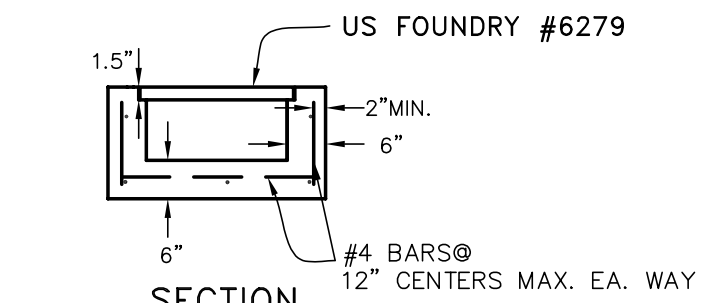
CONCRETE PAVING DETAIL
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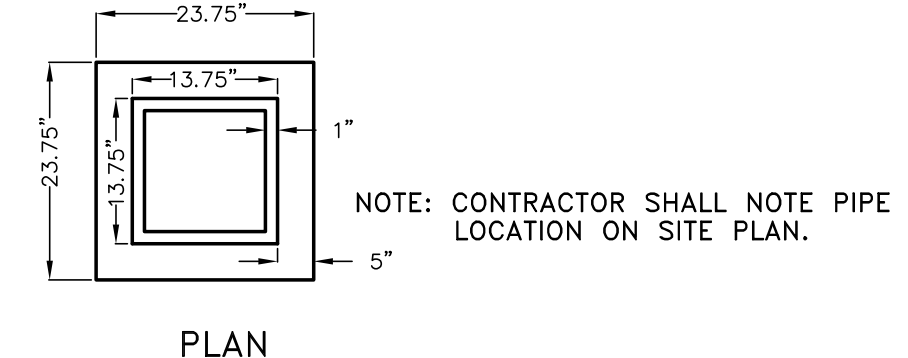
CURB TERMINUS
 NTS



TYPE VERTICAL CURB
 SCALE: NOT TO SCALE



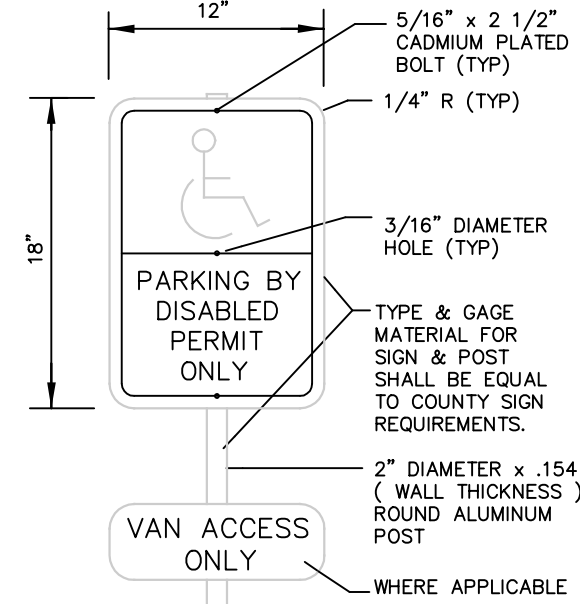
SECTION



PLAN

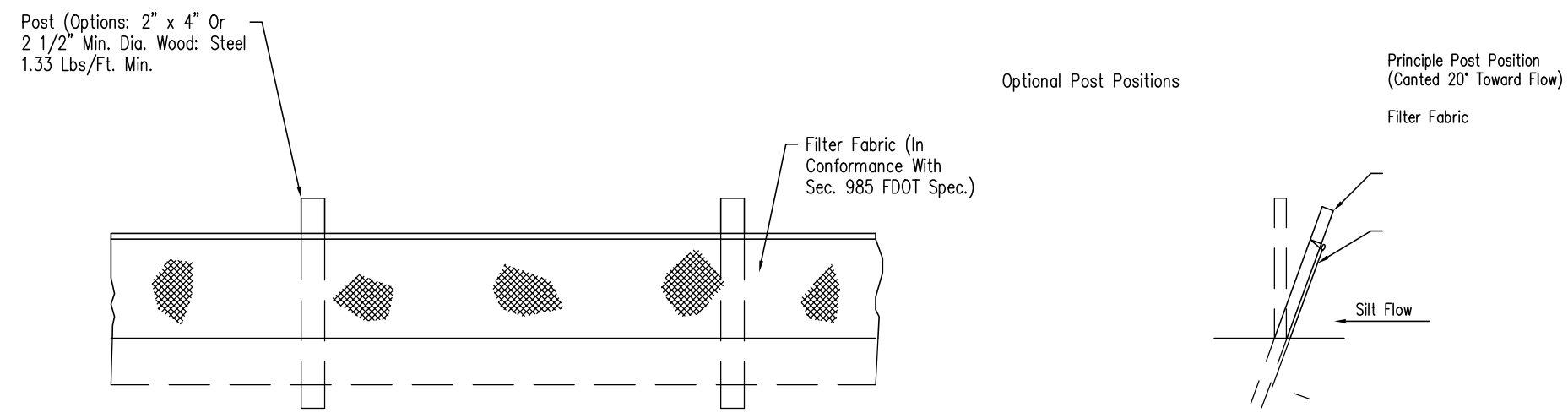
YARD DRAIN DETAIL
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CONTRACTOR SHALL CONSTRUCT FILTER FABRIC BENEATH GRATE DURING CONSTRUCTION. CONTRACTOR SHALL CLEAN ALL PIPES OF DEBRIS BEFORE ACCEPTANCE BY OWNER.



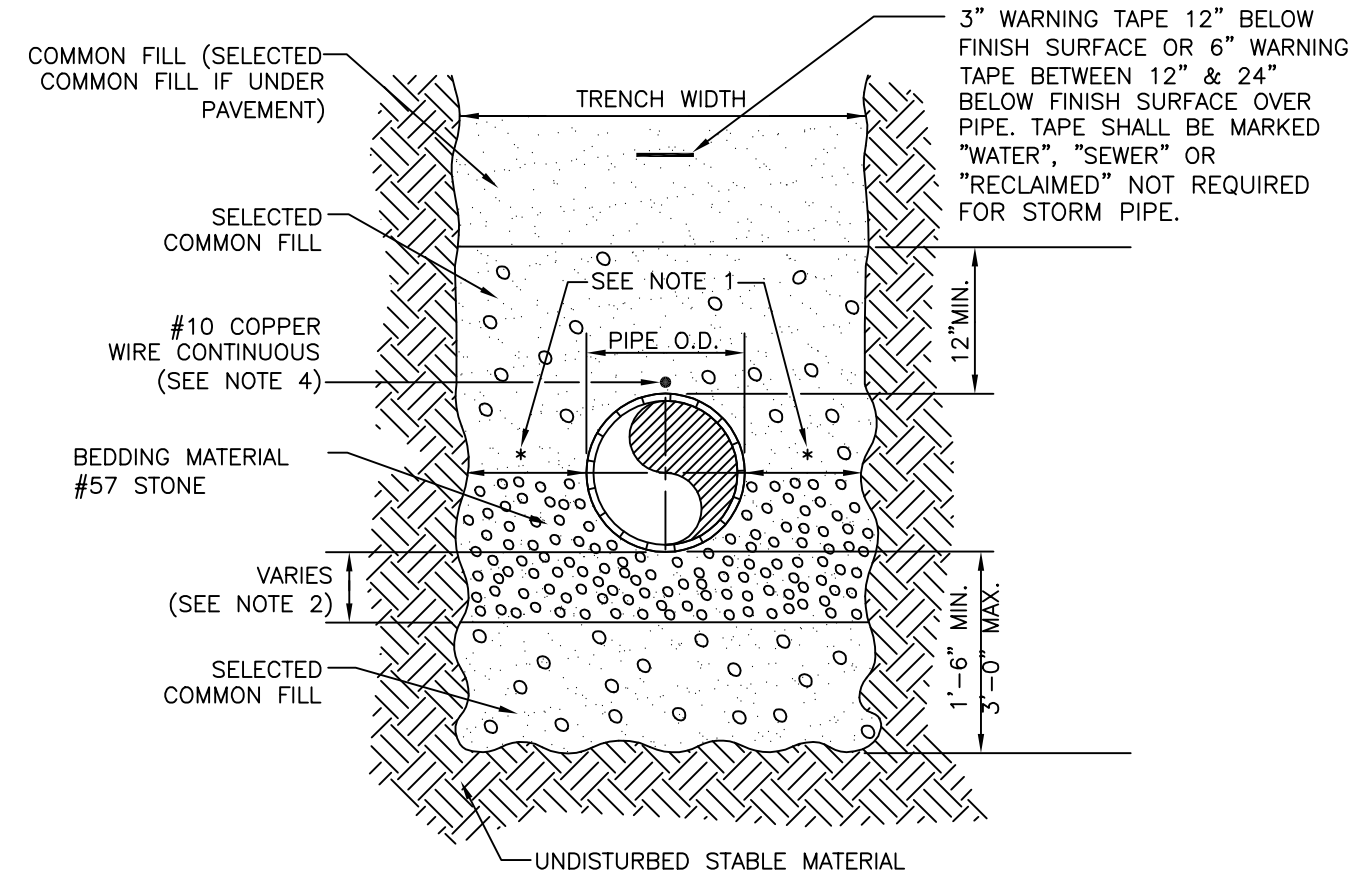
SIGN DETAIL

HANDICAP PARKING SIGN
 N.T.S.

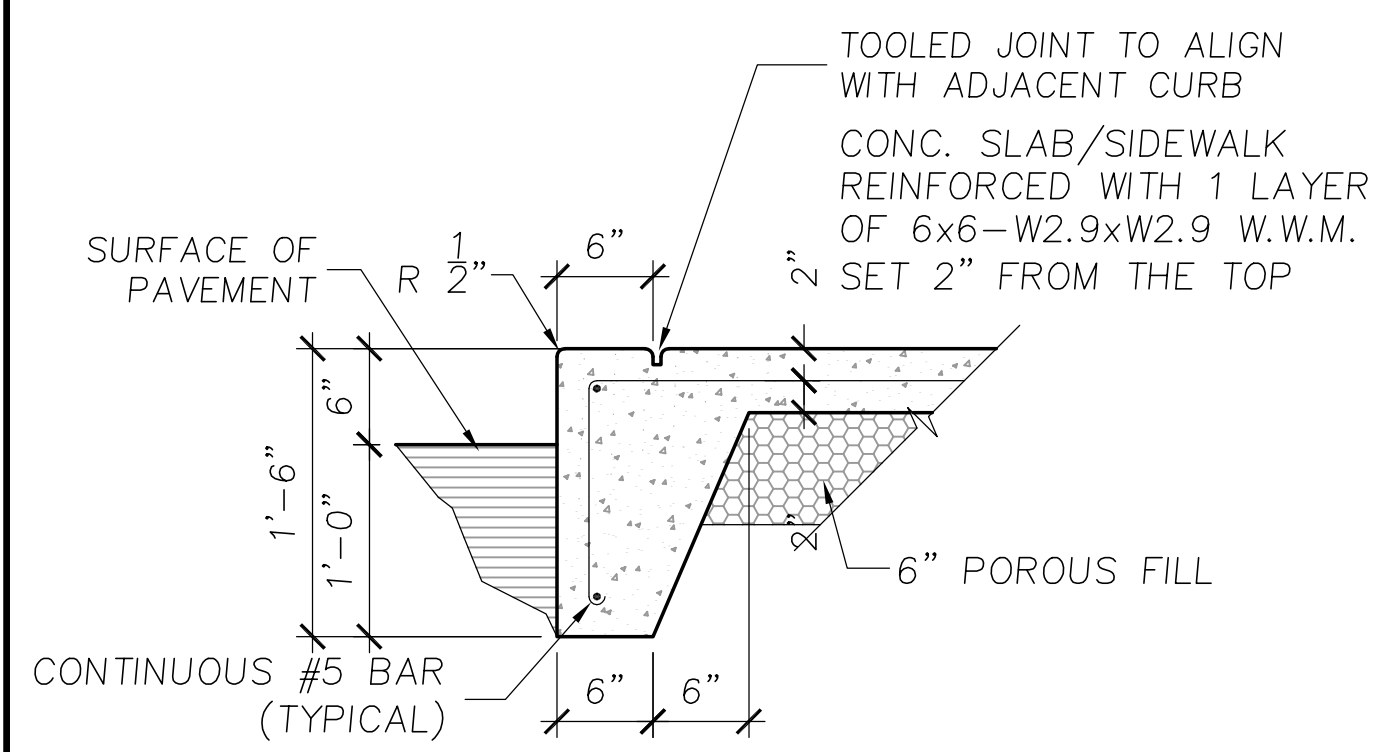


SECTION A-A
TYPE III SILT FENCE
FDOT INDEX #102

- NOTES:
- 1) 10" MAX. FOR PIPE DIA. LESS THAN 24"; 12" MAX. FOR PIPE DIA. 24" AND LESS THAN 42"; 24" MAX. FOR PIPE DIA. 42" AND OVER.
 - 2) 4" MAX. FOR PIPE 16" DIA. & LESS; 6" MAX. FOR PIPE 18" TO 36" DIA.; AND 9" MAX. FOR PIPE 42" DIA. AND LARGER.
 - 3) PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURE'S WRITTEN INSTRUCTIONS UNLESS OTHERWISE NOTED.
 - 4) TRACER WIRE NOT REQUIRED FOR GRAVITY SEWERS.
 - 5) BACKFILL AASHTO M-145 SHALL BE PLACED IN LAYERS NO TO EXCEED 6". EACH LAYER SHALL BE THOROUGHLY TAMPED AND/OR ROLLED TO 95% AASHTO T-180 DENSITY UNPAVED AREAS AND 98% PAVED AREAS.

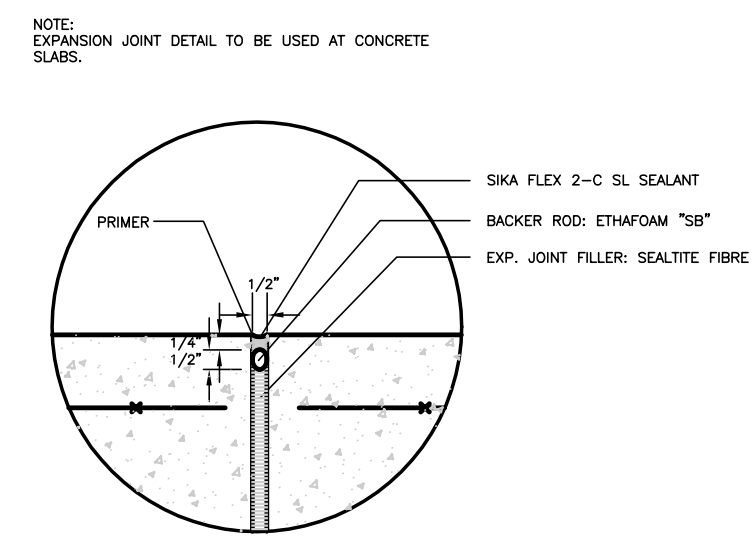


TRENCH WITH TYPE A-3 PIPE BEDDING
 NTS

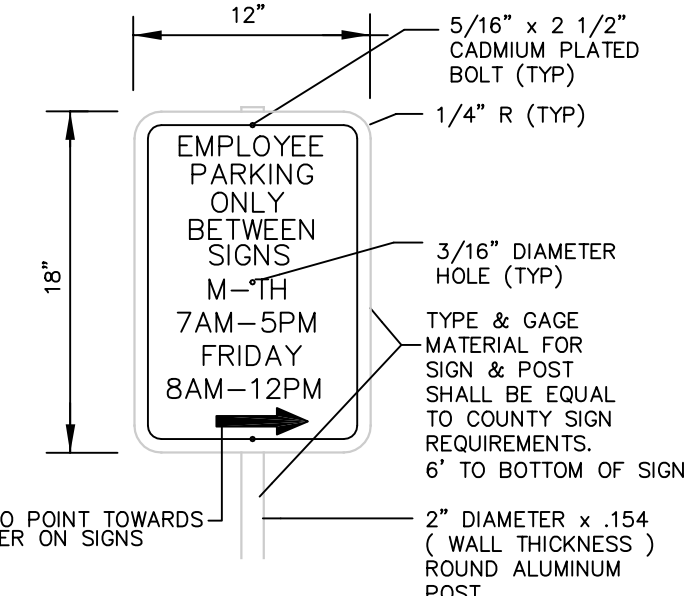


TOE FOOTING DETAIL
 SCALE: NOT TO SCALE

TYPICAL DISABLED PARKING SPACE DETAIL
 SCALE: N.T.S.



EXPANSION JOINT DETAIL



SIGN DETAIL

EMPLOYEE PARKING SIGN
 N.T.S.

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| DRAWN BY | WRC |
| CHECKED BY | WRC |
| APPROVED BY | WRC |
| SCALE | AS SHOWN |
| DATE | JUNE, 2018 |
| PROJECT NO. | SHA 1300 BLVD |
| SHEET | 6 |

