

SJR STATE COLLEGE
ST. AUGUSTINE CAMPUS
2990 COLLEGE DRIVE
ST. AUGUSTINE, FL. 32084

SJR STATE COLLEGE - ST. AUGUSTINE CAMPUS MAP
NO SCALE

DRAWING INDEX * TO BE ISSUED AS A PART OF ADDENDUM 1

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 C-01 SITE PLAN
 C-02 GRADING & DRAINAGE PLAN
 C-03 SITE UTILITIES PLAN
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- LS101 LIFE SAFETY PLAN PH1 - ADDITION & EXISTING
 LS102 LIFE SAFETY PLAN PH2A - ADDITION & RENOVATION
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 LS104 LIFE SAFETY PLAN ALL PHASES COMPLETE
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 M401 MECHANICAL DETAILS
 M501 MECHANICAL CONTROL DIAGRAMS
 M502 MECHANICAL - CONTROL DIAGRAMS

ELECTRICAL

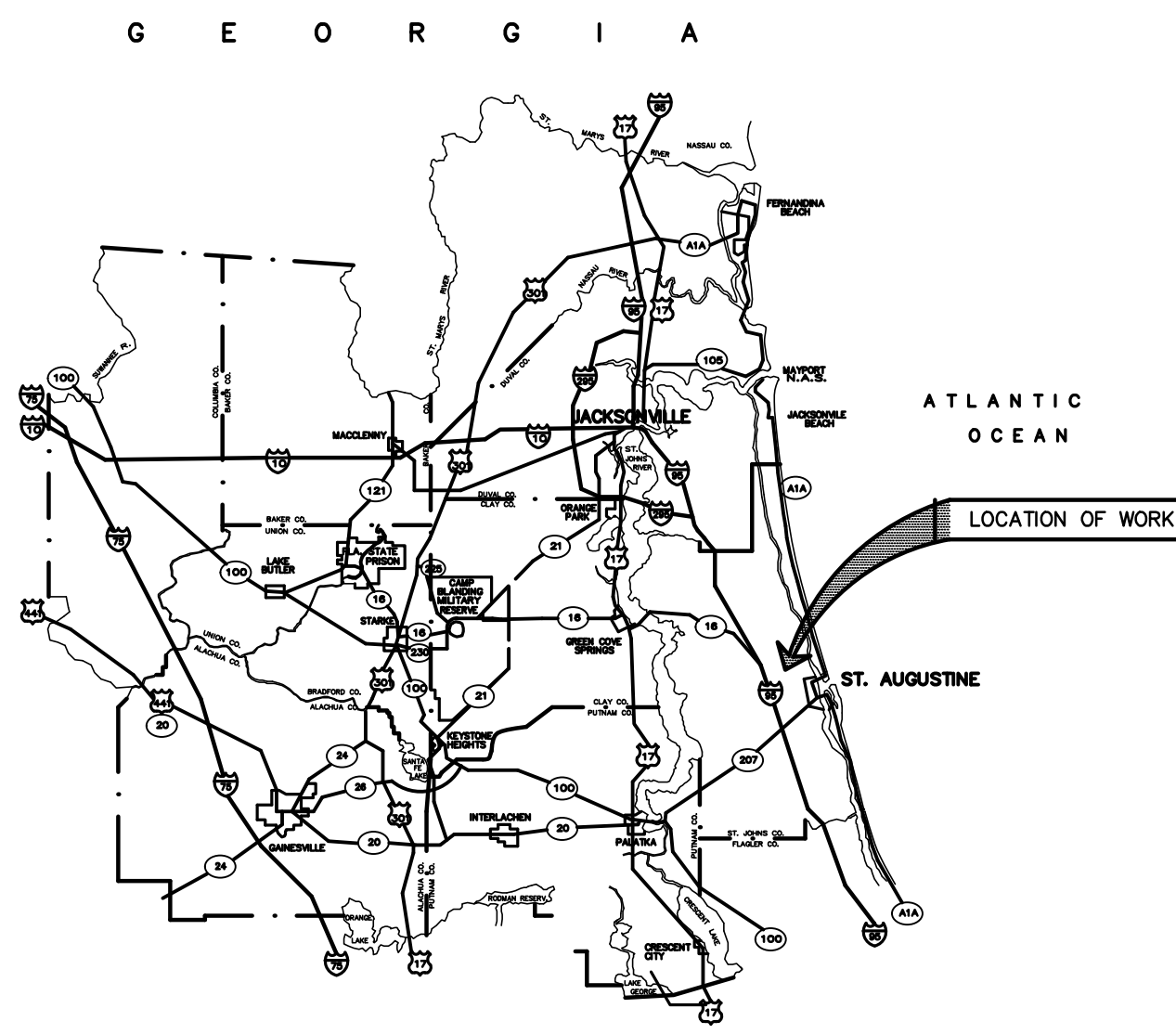
- E001 ELECTRICAL LEGEND, NOTES, & LIGHTING SCHEDULE
 E001 ELECTRICAL PANEL SCHEDULES
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 E404 ELECTRICAL DETAILS & RISERS

BID NUMBER: BID-SJR-06-2018

RENOVATION WITH ADDITION TO BUILDING V, ST. AUGUSTINE CAMPUS FOR



ST. JOHNS RIVER STATE COLLEGE



VICINITY MAP - NORTHEAST FLORIDA
NO SCALE

COLLEGE ADMINISTRATION

JOE H. PICKENS, J.D. PRESIDENT
 MELISSA C. MILLER, J.D. SENIOR VICE PRESIDENT/
 GENERAL COUNSEL

DISTRICT BOARD OF TRUSTEES

SAMUEL GARRISON, J.D., CHAIRMAN
 WENDELL D. DAVIS VICE CHAIRMAN
 REVEREND BOBBY CRUM
 LESLIE DOUGHER
 BRIAN KEITH
 JAMES REID
 JOE H. PICKENS, J.D. EXECUTIVE SECRETARY

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6510 Columbia Park Dr., Suite 104
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Structural Engineers Group
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Engineering Effective Solutions in a Complex World
12045 Newpark Blvd., Suite 2013 Jacksonville, FL 32218
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SHAFFER
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Certificate of Authorization #: 28265

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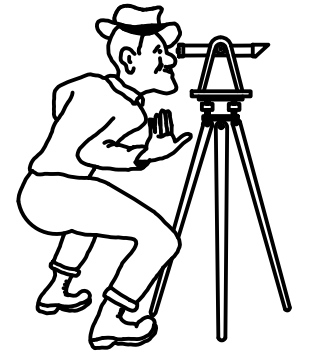
ALS FILE NO. 1809



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NOTES

NOTES:

CONTRACTOR IS RESPONSIBLE FOR JOBSITE SAFETY.

ELEVATIONS AND LOCATION INFORMATION FOR EXISTING BUILDINGS, FEATURES AND UTILITIES ARE BASED ON SURVEYS BY FLOWERS SURVEYING AND MAPPING, PSM #6602 AND CAUSSEUX, HEWETT & WALPOLE, INC., LB-5075.

CONTRACTOR SHALL EMPLOY A PROFESSIONAL SURVEYOR, LICENSED BY THE STATE OF FLORIDA, TO PERFORM LAYOUT OF ALL NEW SITE FEATURES. ELECTRONIC COPIES OF CIVIL PLANS WILL BE PROVIDED FOR THIS PURPOSE.

CONTRACTOR IS RESPONSIBLE FOR LAYOUT ACCURACY.

CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO EXCAVATION FOR STRUCTURES OR PIPING. REPORT ANY CONFLICTS TO THE ENGINEER IMMEDIATELY. CONTRACTOR TO LOCATE ALL UTILITIES AND COORDINATE ALL WORK WITH ADJACENT LAND OWNER AND ALL UTILITY COMPANIES. ANY PIPES, CABLES OR CONDUIT CUT OR DAMAGED WILL BE REPAIRED BY THE CONTRACTOR AND ANY ASSOCIATED COST BORN BY THE CONTRACTOR. ANY UTILITY RELOCATION WORK WILL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

AT NO COST TO OWNER, CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDED LABOR, MATERIAL, AND EQUIPMENT REQUIRED TO PERFORM DEWATERING IN ORDER TO PERFORM SITE WORK AND UNDERGROUND PIPING INSTALLATION. CONTRACTOR SHALL FOLLOW ALL FEDERAL, STATE AND LOCAL REGULATION THAT PERTAIN TO DEWATERING. CONTRACTOR SHALL ALSO BE RESPONSIBLE TO OPERATE, MONITOR AND MAINTAIN ALL DEWATERING EQUIPMENT.

THE CONTRACTOR SHALL ENGAGE THE SERVICES OF AN INDEPENDENT TESTING LABORATORY, PAID FOR BY THE CONTRACTOR, TO TEST SOILS, LIMEROCK, ASPHALT AND CONCRETE AS INSTALLED TO ENSURE COMPLIANCE WITH THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. COPIES OF ALL TEST REPORTS ARE TO BE PROVIDED TO THE ENGINEER IN A TIMELY MANNER.

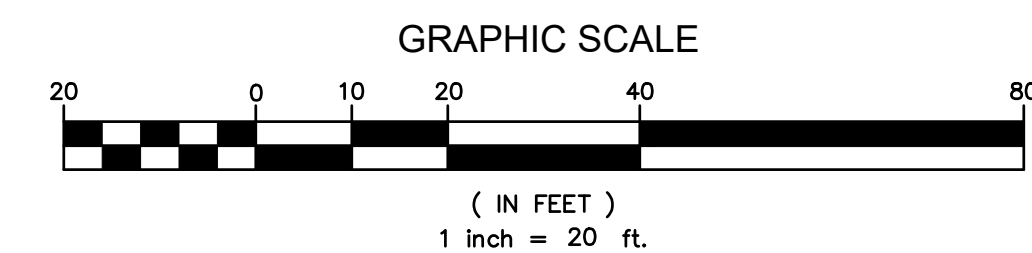
ALL DEMOLISHED OR STRIPPED MATERIALS NOT INDICATED FOR SALVAGE BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF OFFSITE.

CONTRACTOR RESPONSIBLE TO REPLACE OR REPAIR ANY DAMAGE TO PROPERTY SUCH AS ASPHALT PAVEMENT, CONCRETE CURBS, WHEEL STOPS, PARKING LOT LIGHT POLES, PARKING LOT SIGNAGE, AND LANDSCAPE MATERIALS. SEE GENERAL NOTE J ON AS101.

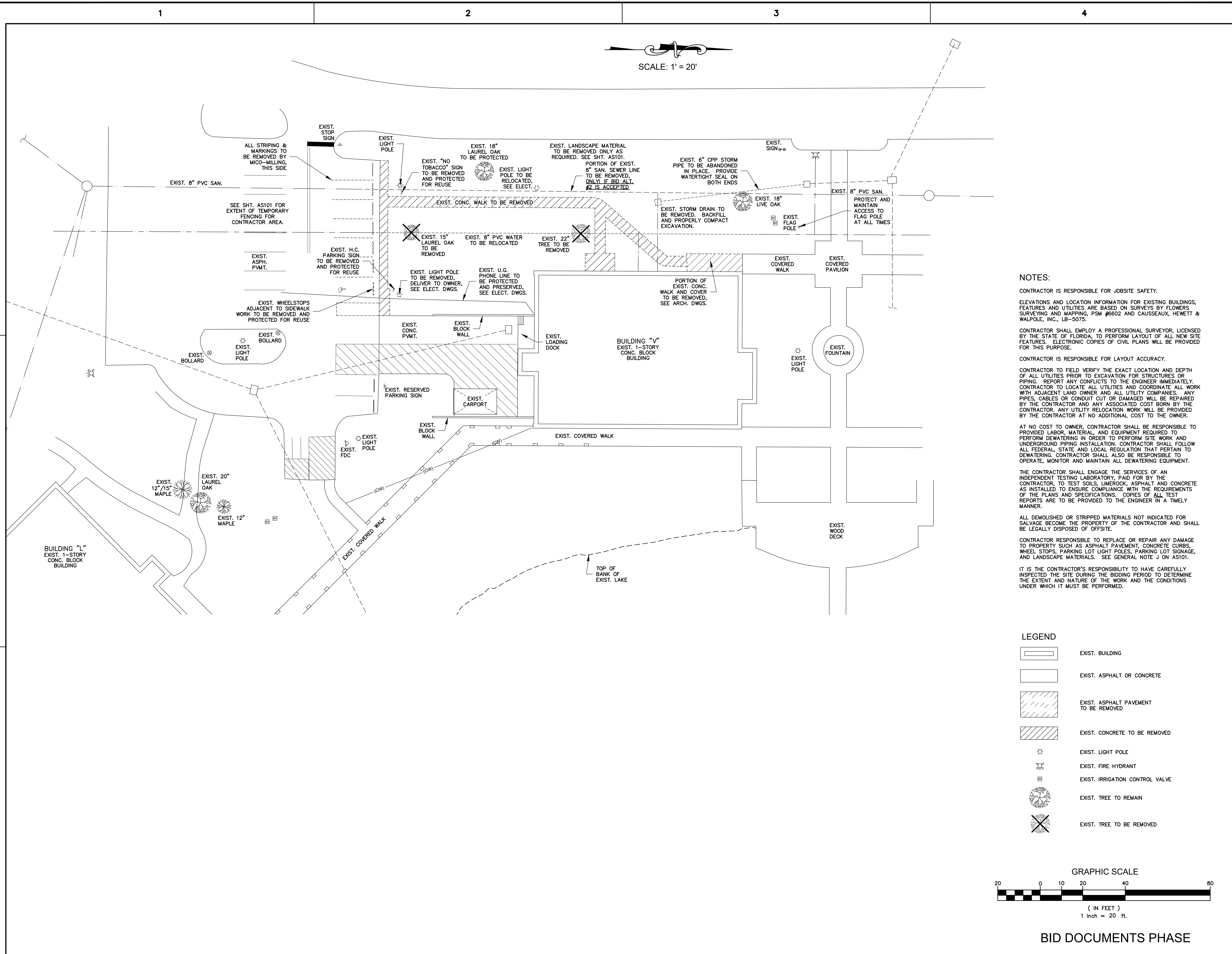
IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE CAREFULLY INSPECTED THE SITE DURING THE BIDDING PERIOD TO DETERMINE THE EXTENT AND NATURE OF THE WORK AND THE CONDITIONS UNDER WHICH IT MUST BE PERFORMED.

LEGEND

- EXIST. BUILDING
- EXIST. ASPHALT OR CONCRETE
- EXIST. ASPHALT PAVEMENT TO BE REMOVED
- EXIST. CONCRETE TO BE REMOVED
- EXIST. LIGHT POLE
- EXIST. FIRE HYDRANT
- EXIST. IRRIGATION CONTROL VALVE
- EXIST. TREE TO REMAIN
- EXIST. TREE TO BE REMOVED



BID DOCUMENTS PHASE



PROJECT

BID NUMBER: BID-SJR-06-2018

RENOVATION WITH
ADDITION TO
BUILDING V,
ST. AUGUSTINE CAMPUS

FOR



ST. JOHNS RIVER
STATE COLLEGE
PALATKA, FLORIDA

MARK	DATE	DESCRIPTION
ISSUE:	MAR 25, 2019	
PROJECT NO:	1809	
CAD DWG FILE:	SJRC BLDG V CIVIL.DWG	
DRAWN BY:	ACTPE	
CHECKED BY:	ACTPE	

BID DOCUMENTS PHASE

SHEET TITLE

EXISTING CONDITIONS &
DEMOLITION PLAN

SHEET NUMBER

C-0

SCALE: 1' = 20'

NOTES:

CONTRACTOR IS RESPONSIBLE FOR JOBSITE SAFETY.

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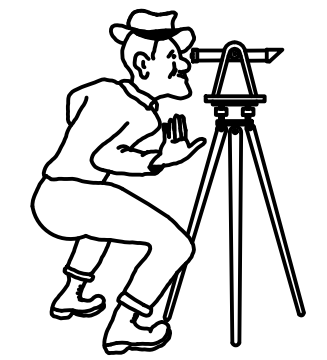
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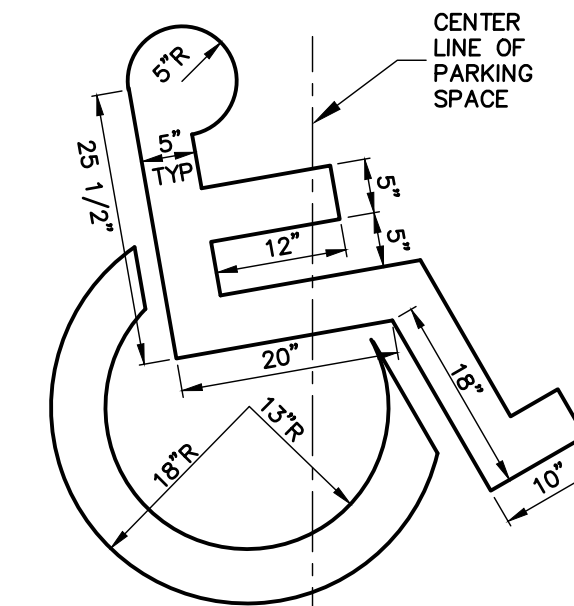
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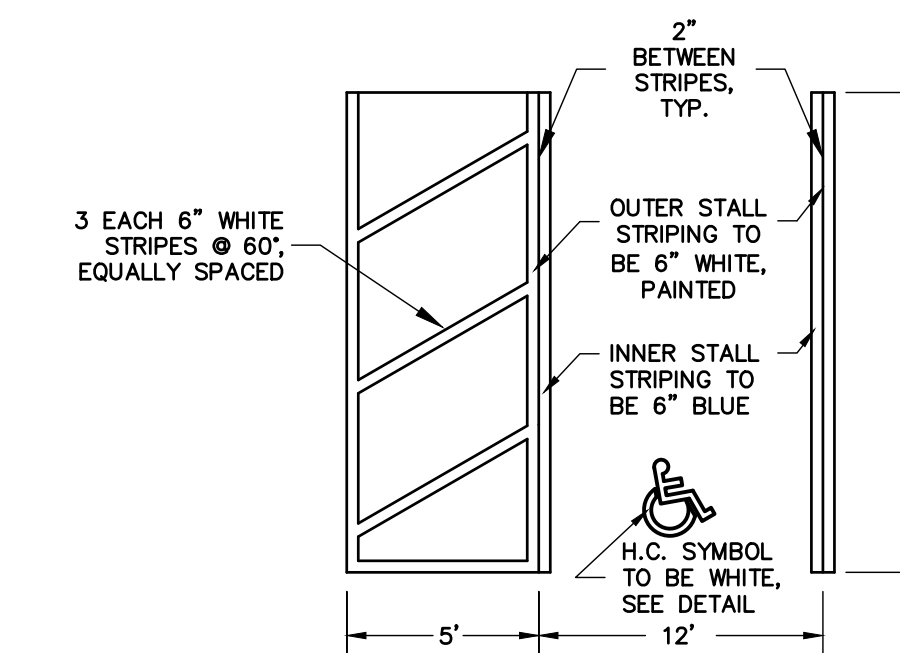
NOTES



NOTE:
PAINT SYMBOL APPROX. 1/2 SIZE SHOWN.
SYMBOL SHALL BE PAINTED WITH WHITE TRAFFIC PAINT WITHIN OUTLINE SHOWN.

HANDICAP SYMBOL

N.T.S.



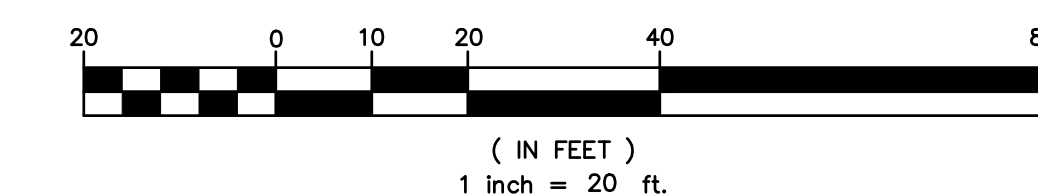
STRIPING FOR H.C. PARKING

N.T.S.

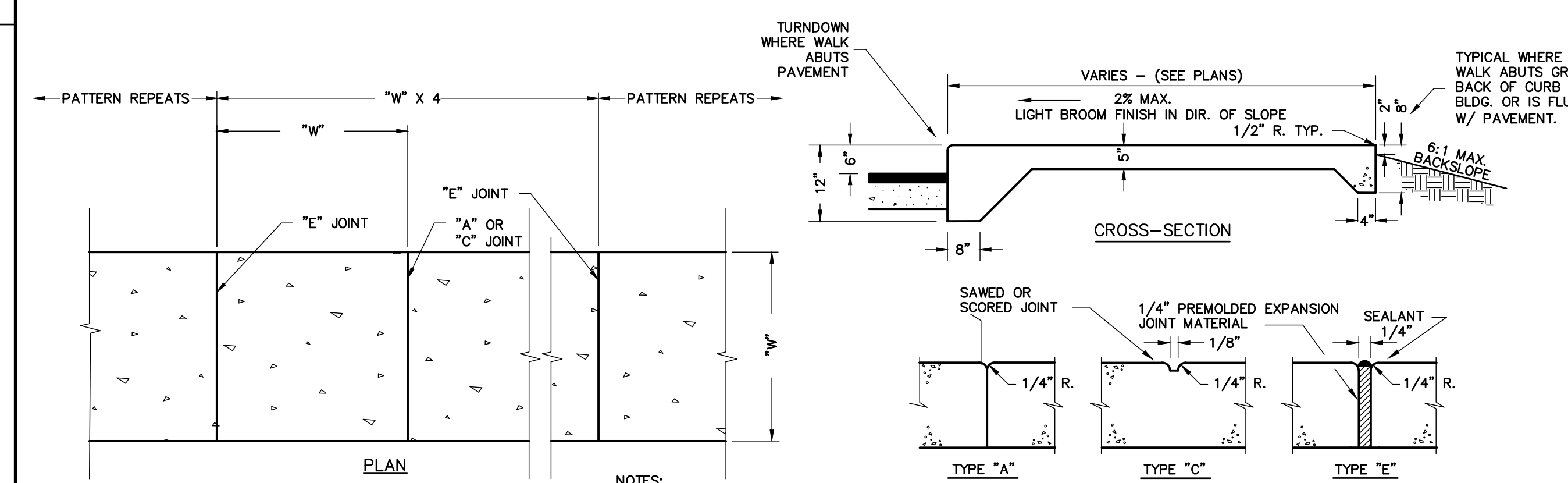
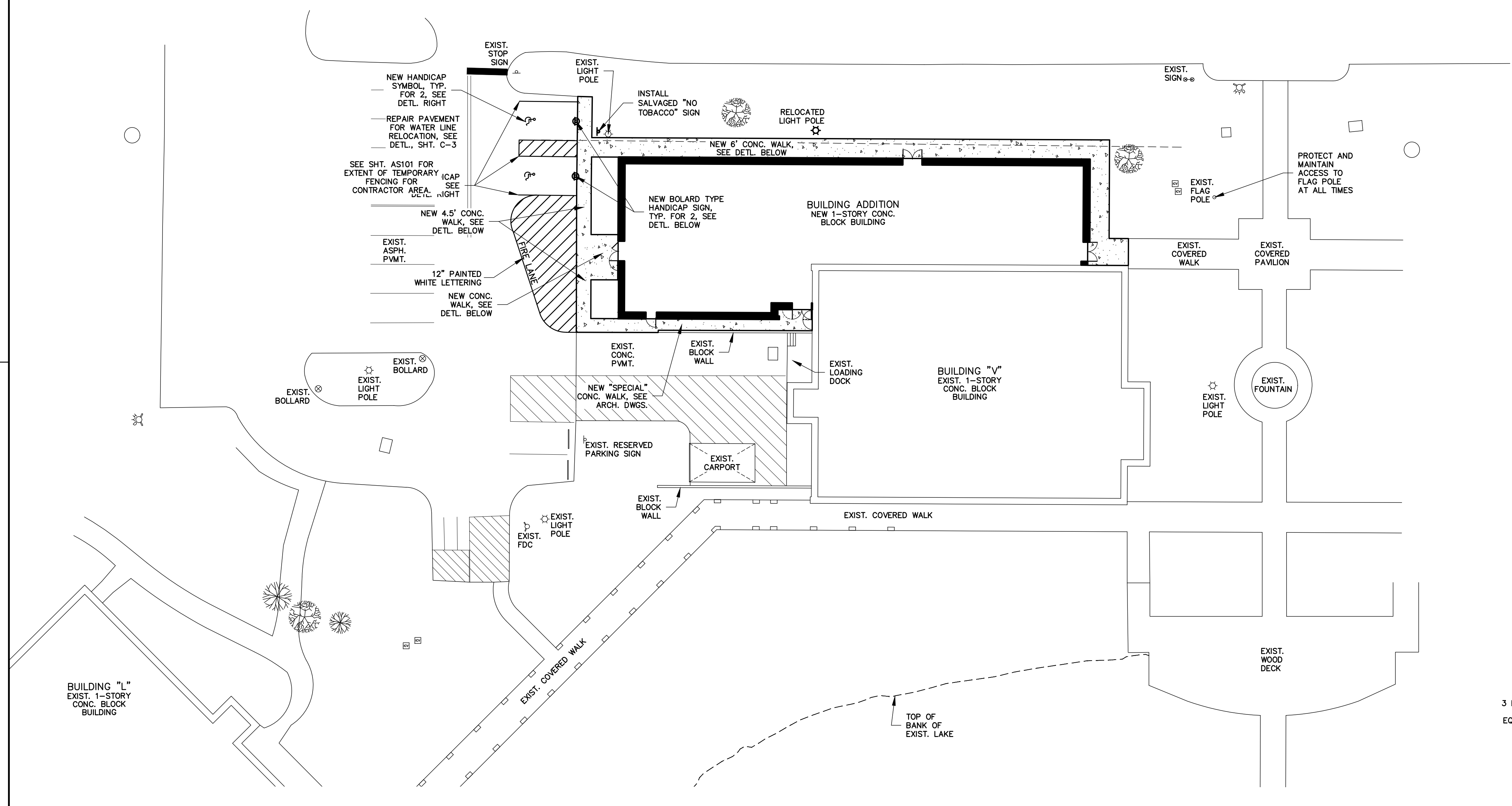
LEGEND

- EXIST. CONCRETE OR ASPHALT PAVEMENT
- NEW ASPHALT PAVEMENT
- NEW CONCRETE PAVEMENT, WALK OR PAD
- EXIST. BUILDING
- NEW BUILDING

GRAPHIC SCALE

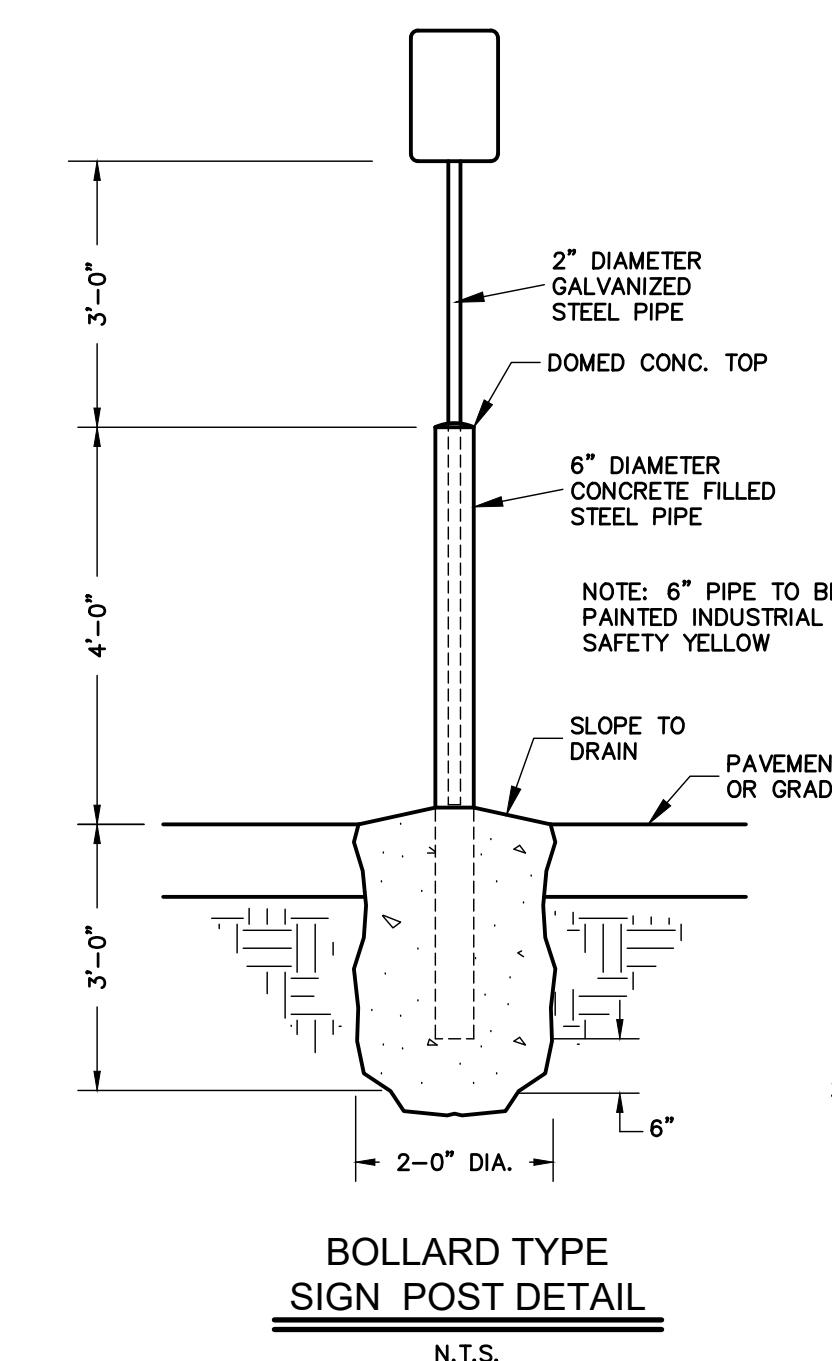
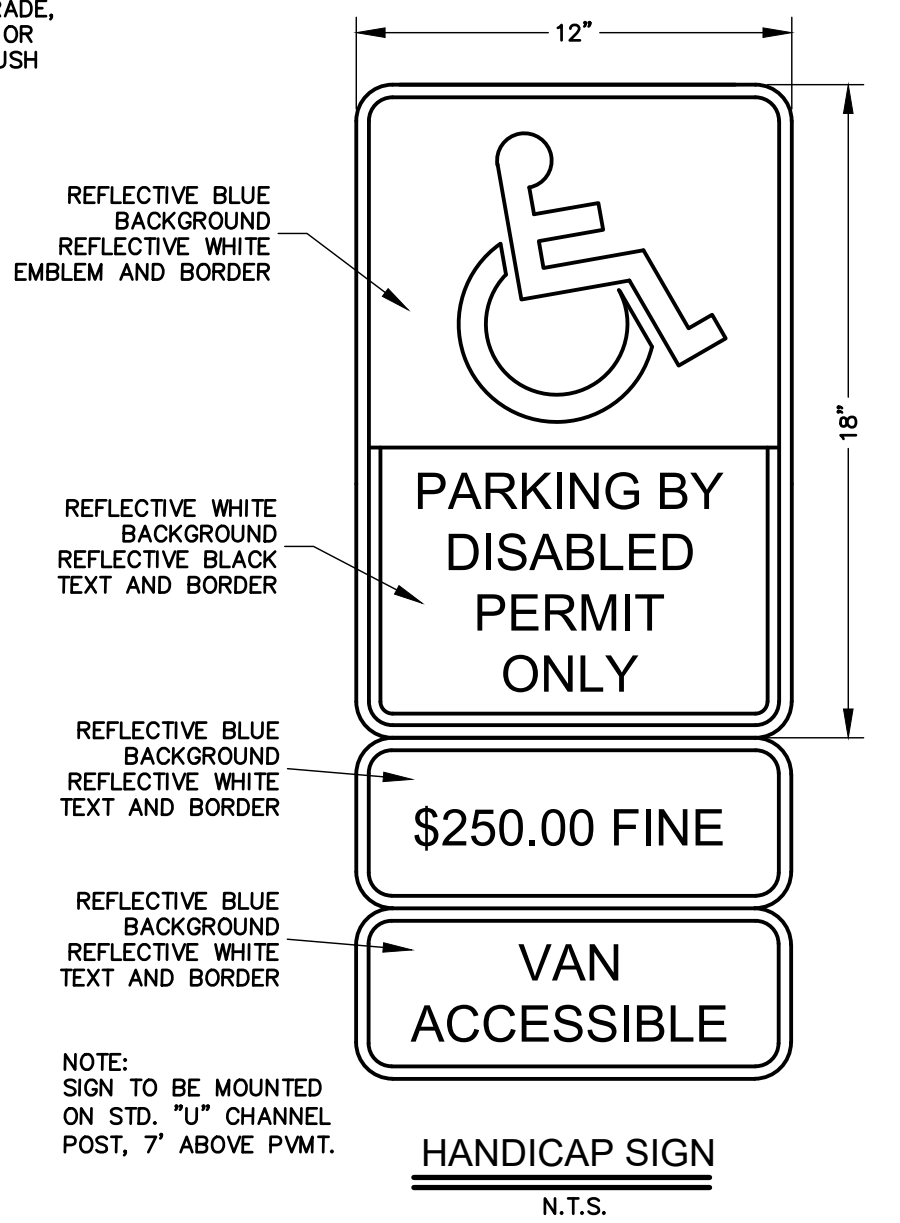


BID DOCUMENTS PHASE



SIDEWALK DETAILS
N.T.S.

NOTES:
ALL WALKS ARE TO BE BROOM FINISHED IN THE DIRECTION OF THE SLOPE OF THE WALK.
CONCRETE DESIGN STRENGTH TO BE 3000 PSI.
ALL WALKS ARE TO BE REINFORCED W/ FIBERMESH
PROVIDE "E" JOINTS WHERE NEW WALK ABUTS EXIST. WALK



PROJECT

BID NUMBER: BID-SJR-06-2018

RENOVATION WITH ADDITION TO BUILDING V, ST. AUGUSTINE CAMPUS

FOR



ST. JOHNS RIVER STATE COLLEGE
PALATKA, FLORIDA

MARK	DATE	DESCRIPTION
ISSUE:	MAR 25, 2019	
PROJECT NO:	1809	
CAD DWG FILE:	SJRC BLDG V CIVIL.DWG	
DRAWN BY:	ACTPE	
CHECKED BY:	ACTPE	

BID DOCUMENTS PHASE

SHEET TITLE

SITE PLAN

SHEET NUMBER

C-1



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NOTES

PROJECT

BID NUMBER: BID-SJR-06-2018

**RENOVATION WITH
ADDITION TO
BUILDING V,
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FOR



**ST. JOHNS RIVER
STATE COLLEGE**
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BID DOCUMENTS PHASE

SHEET TITLE

GRADING & DRAINAGE PLAN

SHEET NUMBER

C-2

SCALE: 1" = 20'

CONTRACTOR SHALL
BE RESPONSIBLE TO
REPLACE AREAS OF
DISTURBED SOD WITH
LIKE MATERIAL

NOTES:

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ELEVATIONS AND LOCATION INFORMATION FOR EXISTING BUILDINGS, FEATURES AND UTILITIES ARE BASED ON SURVEYS BY FLOWERS SURVEYING AND MAPPING, PSM #6602 AND CAUSSEAU, HEWETT & WALPOLE, INC., LB-5075.

CONTRACTOR SHALL EMPLOY A PROFESSIONAL SURVEYOR, LICENSED BY THE STATE OF FLORIDA, TO PERFORM LAYOUT OF ALL NEW SITE FEATURES, ESPECIALLY CURBS. ELECTRONIC COPIES OF CIVIL PLANS WILL BE PROVIDED FOR THIS PURPOSE.

CONTRACTOR IS RESPONSIBLE FOR LAYOUT ACCURACY.

VERTICAL DATUM SHOWN HEREON IS NAVD 1988 DATUM BASED ON PRIMARY MARK "G027" (PUBLISHED ELEVATION = 34.303') OF THE ST. JOHN'S COUNTY GEODETIC CONTROL PROJECT OF 1999.

BENCHMARKS ARE AS SHOWN ON SURVEY BY CAUSSEAU, HEWETT & WALPOLE, INC., LB-5075, PROJECT #11-0197, SHT. 1 OF 11, DATED 8/20/11.

THE PROPERTY SHOWN HEREON LIES IN FLOOD ZONE "X" (AREA OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS WELL AS CAN BE DETERMINED FROM THE FLOOD INSURANCE RATE MAP NO. 12031C0389H JUNE 3, 2013 FOR DUVAL COUNTY, FLORIDA.

ALL DEMOLISHED OR STRIPPED MATERIALS BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF OFFSITE.

AT NO COST TO OWNER, CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDED LABOR, MATERIAL, AND EQUIPMENT REQUIRED TO PERFORM DEWATERING IN ORDER TO PERFORM SITE WORK AND UNDERGROUND PIPING INSTALLATION. CONTRACTOR SHALL FOLLOW ALL FEDERAL, STATE AND LOCAL REGULATION THAT PERTAIN TO DEWATERING. CONTRACTOR SHALL ALSO BE RESPONSIBLE TO OPERATE, MONITOR AND MAINTAIN ALL DEWATERING EQUIPMENT.

ALL AREAS UNDER NEW BUILDING OR WALKS ARE TO BE STRIPPED TO A MINIMUM OF 6" BELOW BOTTOM OF NEW SLABS. MAJOR ROOTS ARE TO BE REMOVED TO FULL DEPTH.

FILL UNDER NEW BUILDING, PAVEMENT OR CURBS IS TO BE "SP" SAND MATERIALS COMPACTED TO 98% MODIFIED PROCTOR DENSITY. DISTURBED EARTH OR FILL IN ALL OTHER AREAS IS TO BE COMPACTED TO 90% MODIFIED PROCTOR DENSITY. EXISTING ONSITE MATERIALS ARE SUITABLE FOR USE AS FILL UNDER THE BUILDING OR PAVEMENTS.

NEW PVC STORM PIPING TO BE SDR-35 OR SCHEDULE 40.

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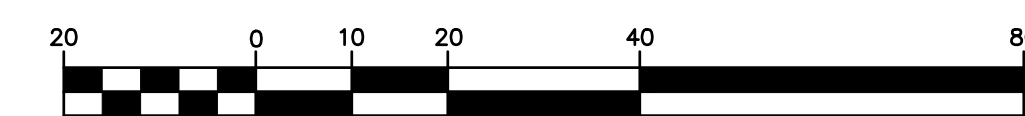
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LEGEND

- x 15.0 EXISTING SPOT ELEVATION
- 14.50 FINISHED SPOT ELEVATION
-17..... EXIST. CONTOUR
- 18 — PROPOSED CONTOUR
- EXIST. STORM DRAIN
- NEW STORM DRAIN
- EXIST. CATCH BASIN
- NEW CATCH BASIN
- NEW UNDERDRAIN
- >—> NEW DRAINAGE SWALE
- ridge — DRAINAGE RIDGE

GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

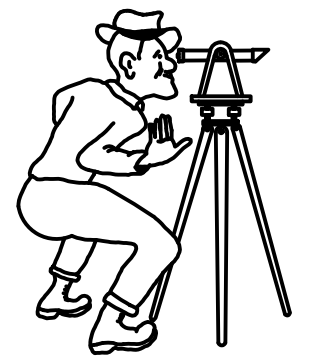
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PROJECT NO. 1809

CAD DWG FILE: SJRC BLDG V CIVIL.DWG

DRAWN BY: ACTPE

CHECKED BY: ACTPE

BID DOCUMENTS PHASE

SHEET TITLE

SITE UTILITIES PLAN

SHEET NUMBER

C-3

SCALE: 1" = 20'

NOTES:

CONTRACTOR IS RESPONSIBLE FOR JOBSITE SAFETY.

ELEVATIONS AND LOCATION INFORMATION FOR EXISTING BUILDINGS, FEATURES AND UTILITIES ARE BASED ON SURVEYS BY FLOWERS SURVEYING AND MAPPING, PSM #6602 AND CAUSSEUX, HEWETT & WALPOLE, INC., LB-5075. SEE BENCHMARK INFO, SHT. C-2.

EXISTING WATER SYSTEM IS PROTECTED BY EXIST. CAMPUS BACKFLOW DEVICE IN THE NORTHWEST AREA OF THE SITE.

CONTRACTOR TO LOCATE ALL UTILITIES AND COORDINATE ALL WORK WITH ALL UTILITY COMPANIES. ANY PIPES, CABLES OR CONDUIT CUT OR DAMAGED WILL BE REPAIRED BY THE CONTRACTOR AND ANY ASSOCIATED COST BORN BY THE CONTRACTOR. ANY UTILITY RELOCATION WORK WILL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

ALL WATER PIPING 4" AND LARGER TO BE CLASS 235, DR 18, MECHANICALLY RESTRAINED. ALL GRAVITY SEWER PIPING TO BE SDR 26 WITH GASKETED JOINTS.

NO ALTERNATE PIPING MATERIAL SHALL BE PERMITTED UNLESS PRIOR APPROVAL HAS BEEN PROVIDED BY THE ARCHITECT/ENGINEER/OWNER.

ALL NEW WATER LINES TO HAVE 36" MIN. COVER.

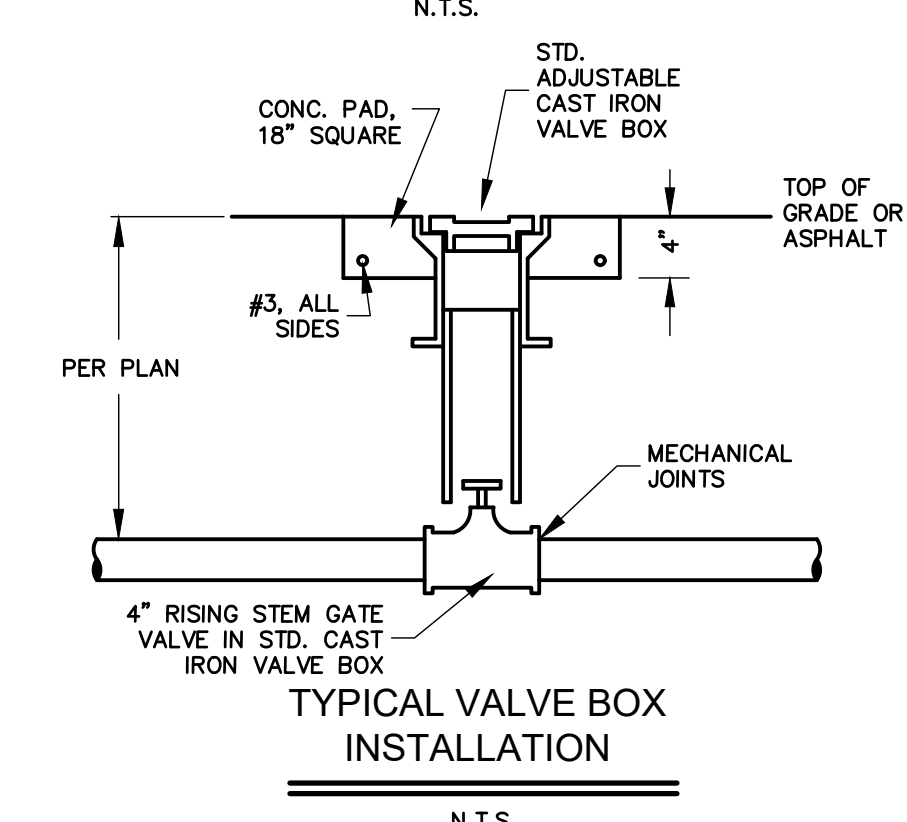
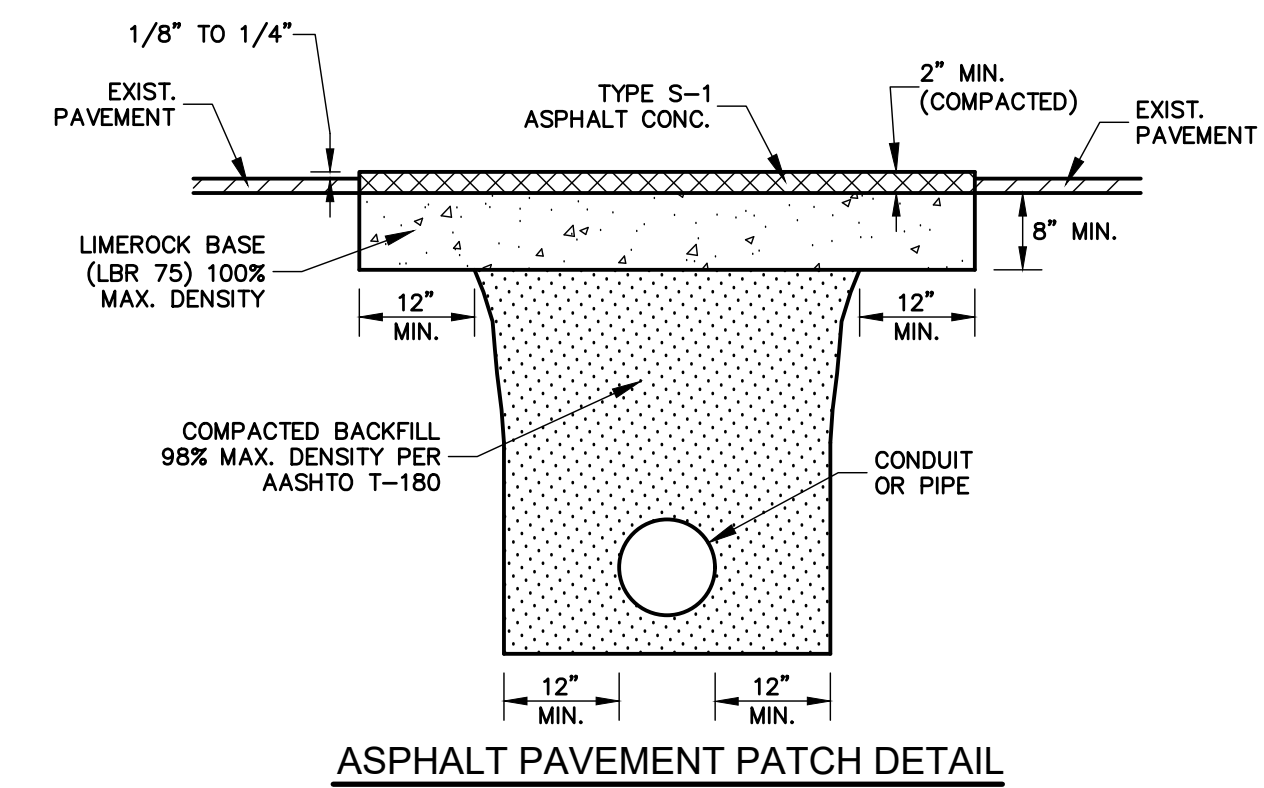
PROVIDE DISINFECTION OF ALL NEW WATER LINES IN ACCORDANCE W/ STD. F.D.E.P. REQUIREMENTS. PROVIDE PASSING BACTERIOLOGICAL TESTING FROM 2 CONSECUTIVE DAYS PRIOR TO PUTTING NEW WATER LINES INTO SERVICE.

ALL TRENCH BOTTOMS AND ALL BACKFILL IN TRENCHES TO BE COMPACTED TO 98% MODIFIED PROCTOR UNDER PAVEMENT, WALKS AND CURBS. BACKFILL IN TRENCHES TO BE COMPACTED TO 90% IN ALL OTHER AREAS.

AT NO COST TO OWNER, CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE LABOR, MATERIAL, AND EQUIPMENT REQUIRED TO PERFORM DEWATERING IN ORDER TO PERFORM SITE WORK AND UNDERGROUND PIPING INSTALLATION. CONTRACTOR SHALL FOLLOW ALL FEDERAL, STATE AND LOCAL REGULATION THAT PERTAIN TO DEWATERING. CONTRACTOR SHALL ALSO BE RESPONSIBLE TO OPERATE, MONITOR AND MAINTAIN ALL DEWATERING EQUIPMENT.

CONTRACTOR RESPONSIBLE TO REPLACE OR REPAIR ANY DAMAGE TO PROPERTY SUCH AS ASPHALT PAVEMENT, CONCRETE CURBS, WHEEL STOPS, PARKING LOT LIGHT POLES, PARKING LOT SIGNAGE, AND LANDSCAPE MATERIALS. SEE GENERAL NOTE J ON AS101.

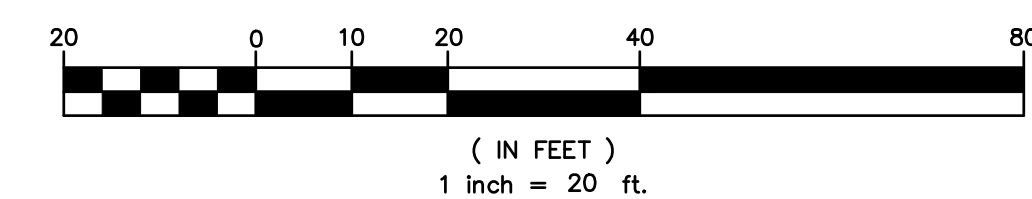
IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE CAREFULLY INSPECTED THE SITE DURING THE BIDDING PERIOD TO DETERMINE THE EXTENT AND NATURE OF THE WORK AND THE CONDITIONS UNDER WHICH IT MUST BE PERFORMED.



LEGEND

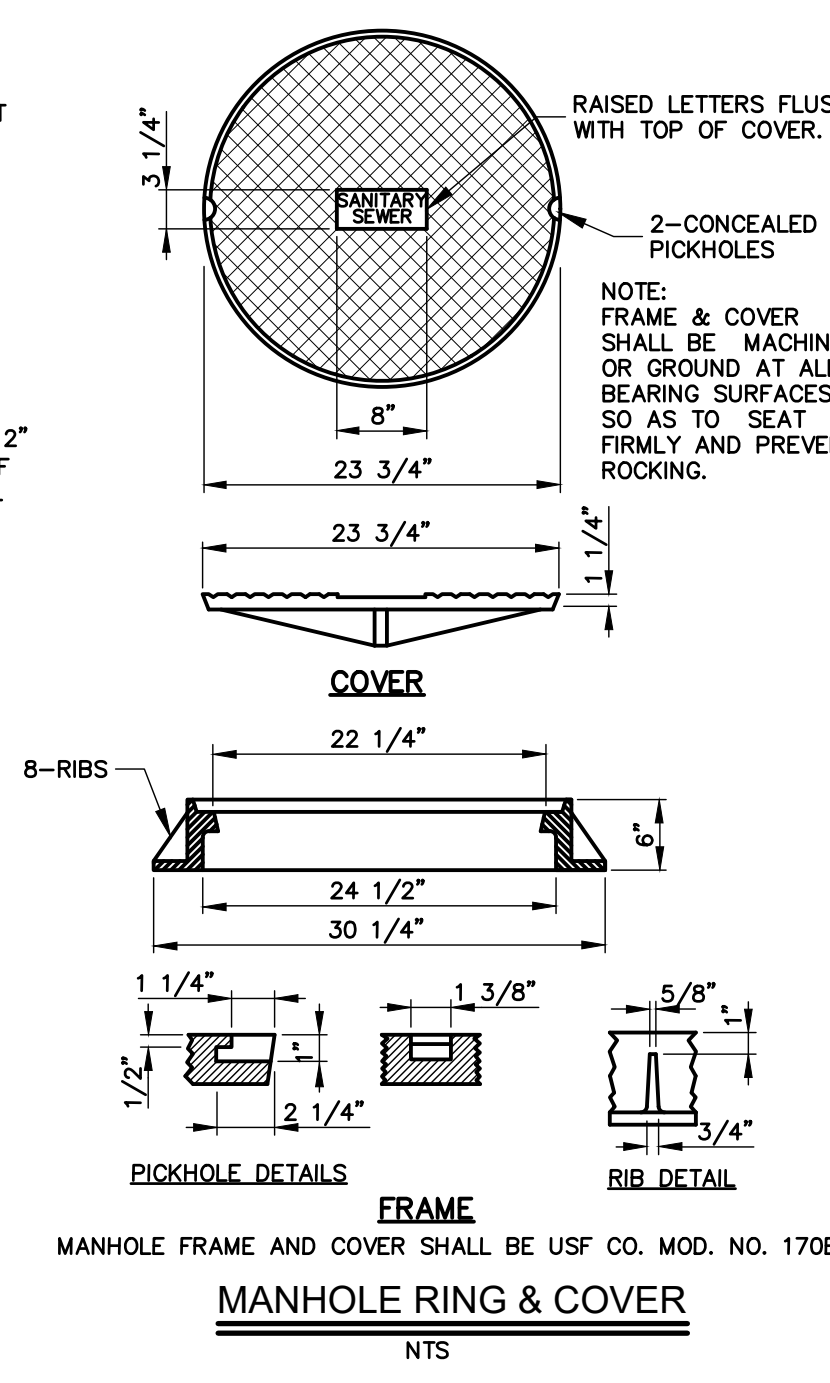
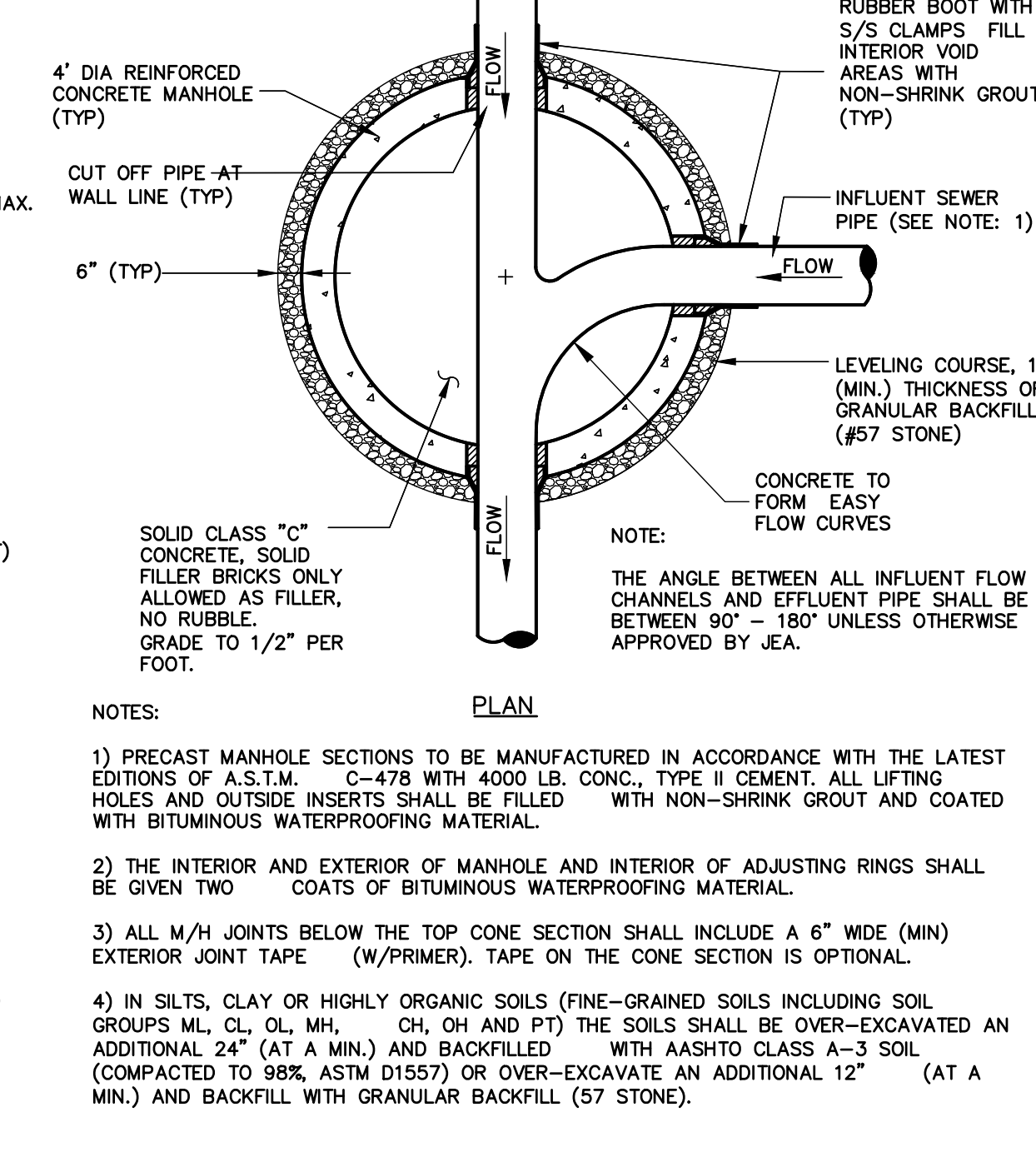
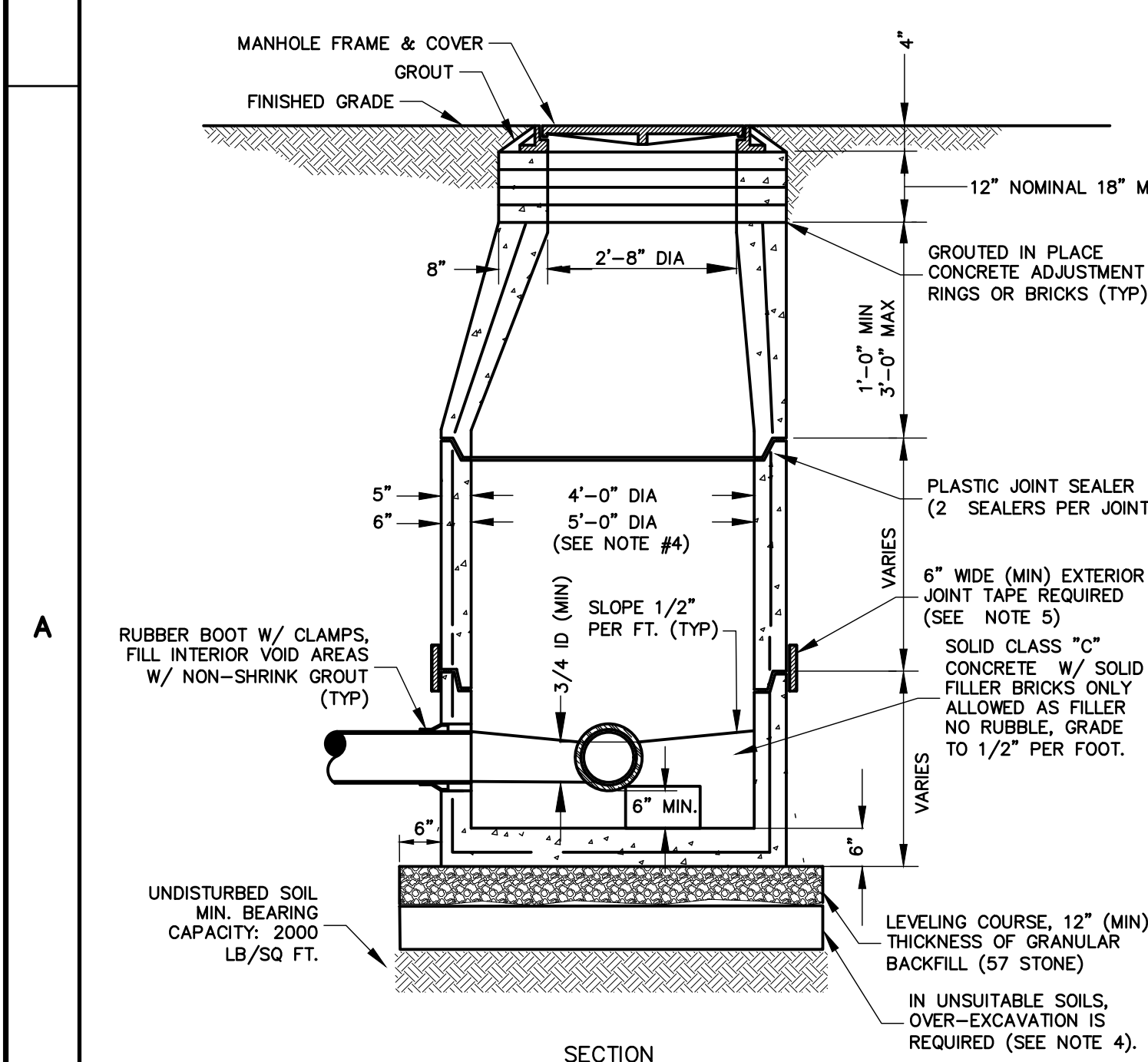
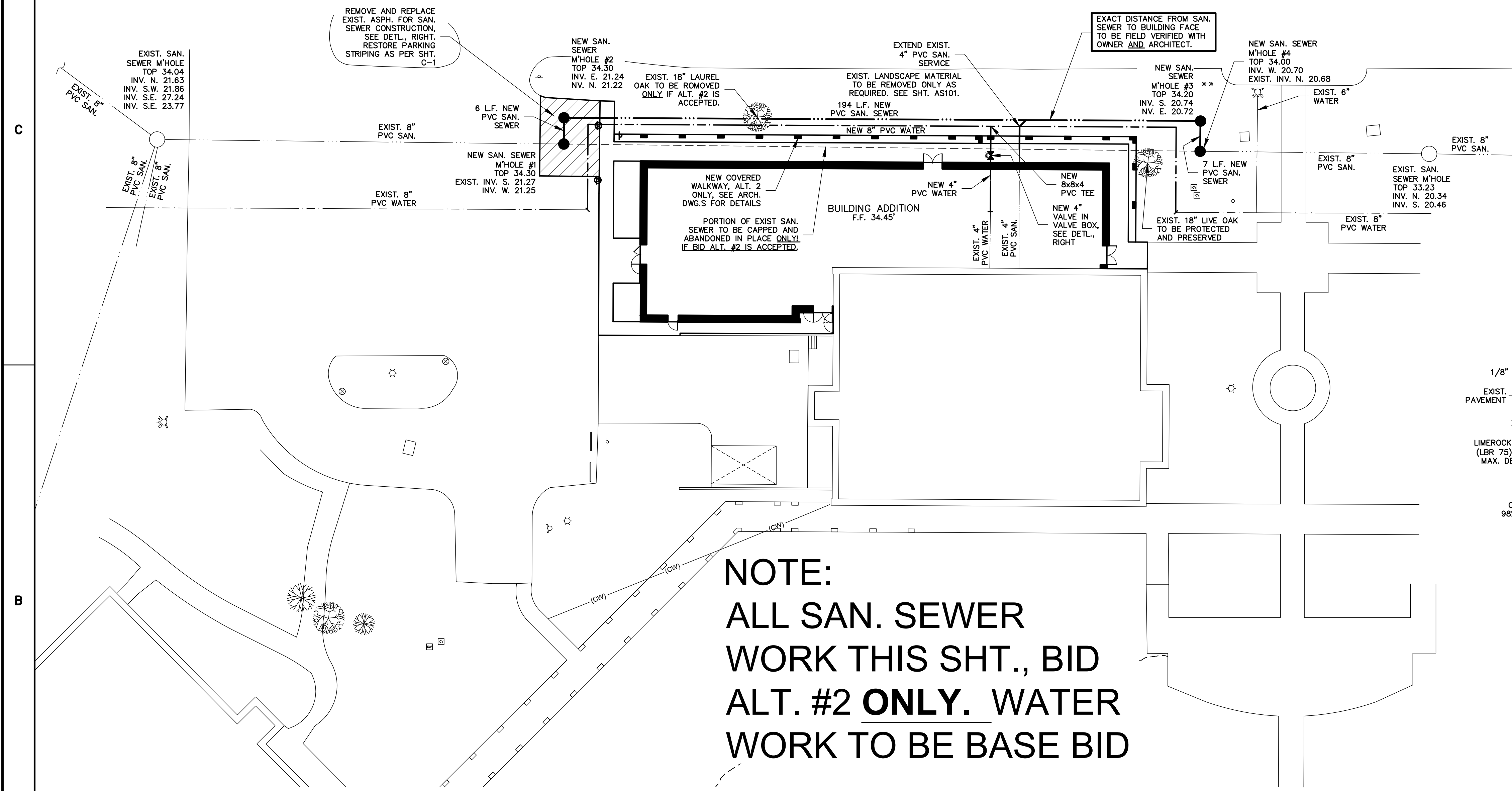
- EXISTING WATER LINE
- NEW WATER LINE
- EXISTING WATER VALVE
- PROPOSED WATER VALVE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- EXISTING SANITARY SEWER
- NEW SANITARY SEWER
- EXISTING SANITARY MANHOLE
- NEW SANITARY MANHOLE
- C.O. EXISTING CLEANOUT
- C.O. NEW CLEANOUT

GRAPHIC SCALE



BID DOCUMENTS PHASE

NOTE:
ALL SAN. SEWER
WORK THIS SHT., BID
ALT. #2 ONLY. WATER
WORK TO BE BASE BID



- NOTES:
- 1) PRECAST MANHOLE SECTIONS TO BE MANUFACTURED IN ACCORDANCE WITH THE LATEST EDITIONS OF A.S.T.M. C-478 WITH 4000 LB. CONC., TYPE II CEMENT. ALL LIFTING HOLES AND OUTSIDE INSERTS SHALL BE FILLED WITH NON-SHRINK GROUT AND COATED WITH BITUMINOUS WATERPROOFING MATERIAL.
 - 2) THE INTERIOR AND EXTERIOR OF MANHOLE AND INTERIOR OF ADJUSTING RINGS SHALL BE GIVEN TWO COATS OF BITUMINOUS WATERPROOFING MATERIAL.
 - 3) ALL M/H JOINTS BELOW THE TOP CONE SECTION SHALL INCLUDE A 6" WIDE (MIN) EXTERIOR JOINT TAPE (W/PRIMER). TAPE ON THE CONE SECTION IS OPTIONAL.
 - 4) IN SILTS, CLAY OR HIGHLY ORGANIC SOILS (FINE-GRAINED SOILS INCLUDING SOIL GROUPS ML, CL, OL, MH, CH, OH AND PT) THE SOILS SHALL BE OVER-EXCAVATED AN ADDITIONAL 24" (AT A MIN.) AND BACKFILLED WITH AASHTO CLASS A-3 SOIL (COMPACTED TO 98% ASTM D1557) OR OVER-EXCAVATE AN ADDITIONAL 12" (AT A MIN.) AND BACKFILL WITH GRANULAR BACKFILL (57 STONE).



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NOTES

PROJECT

BID NUMBER: BID-SJR-06-2018

RENOVATION WITH
ADDITION TO
BUILDING V,
ST. AUGUSTINE CAMPUS

FOR



ST. JOHNS RIVER
STATE COLLEGE
PALATKA, FLORIDA

MARK	DATE	DESCRIPTION
ISSUE:	MAR 25, 2019	
PROJECT NO:	1809	
CAD DWG FILE:	SJRC BLDG V CIVIL.DWG	
DRAWN BY:	ACTPE	
CHECKED BY:	ACTPE	

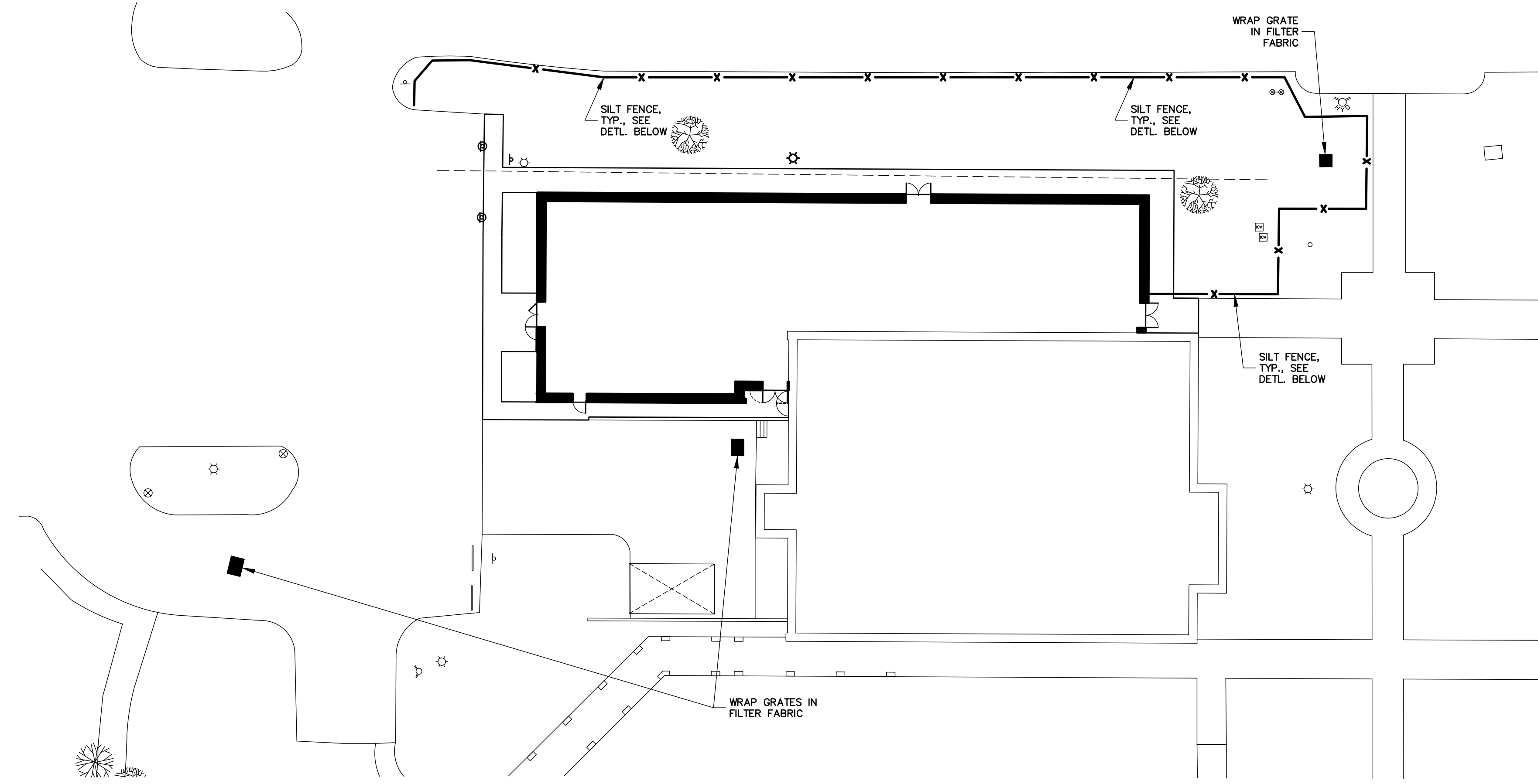
BID DOCUMENTS PHASE

SHEET TITLE

SHEET NUMBER

EC-1

SCALE: 1' = 20'



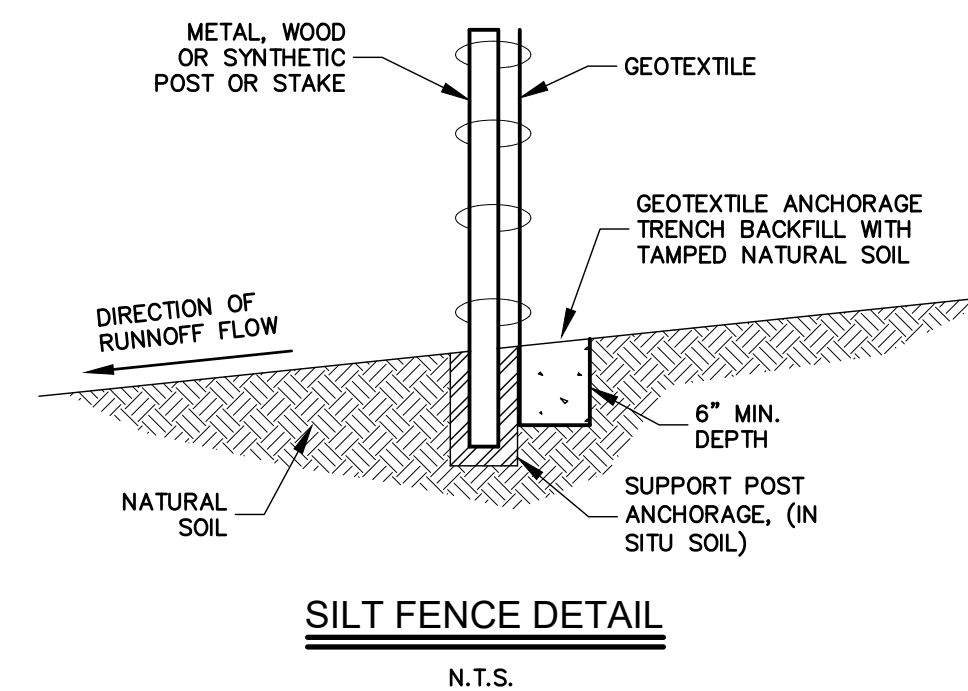
EROSION CONTROL NOTES:

1. ALL WORK TO BE IN ACCORDANCE WITH FDEP "FLORIDA LAND DEVELOPMENT MANUAL" "BEST MANAGEMENT PRACTICES"
2. INSPECT AND MAINTAIN ALL EROSION CONTROL MEASURES DAILY, AND IMMEDIATELY AFTER ANY SIGNIFICANT RAINFALL.
3. STABILIZE ALL DISTURBED AREAS AND FILL SLOPES WITHIN 48 HOURS OF COMPLETION OF WORK. MAINTAIN NEWLY GRADED AREAS AND REPAIR THOSE AREAS WHERE SETTLING AND EROSION HAVE OCCURRED.
4. PROVIDE ALL MATERIALS AND TAKE WHATEVER MEANS NECESSARY TO PREVENT THE EROSION OF AND DEPOSITION OF SEDIMENT ON ADJACENT WETLANDS OR DOWNSTREAM PROPERTIES. IMPLEMENT AND PROVIDE SUITABLE EROSION CONTROL MEASURES (I.E. SEDIMENTATION BARRIERS, HAY BALES, SILTATION CURTAINS, TEMPORARY DETENTION STILLING BASINS, ETC.) TO ENSURE THE CONTROL OF STORMWATER RUNOFF.
5. WITHIN THIRTY DAYS SEED AREAS OPENED BY CONSTRUCTION OPERATIONS THAT ARE NOT ANTICIPATED TO BE DRESSED AND RECEIVE FINAL GRASSING TREATMENT WITH A QUICK GROWING GRASS SPECIES WHICH WILL PROVIDE AN EARLY COVER DURING THE SEASON IN WHICH IT IS PLANTED. ENSURE THAT THE SPECIES WILL NOT COMPETE WITH PROPOSED PERMANENT GRASSING. SEED AT A RATE OF 30 LB. PER ACRE. SOD ALL SLOPES 6:1 OR STEEPER.
6. STOCKPILE EXCAVATED MATERIAL IN A MANNER THAT PREVENTS RUNOFF INTO ADJACENT PROPERTY.
7. PROTECT INLETS AND CATCH BASINS FROM SEDIMENT LADEN RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET. PLACE FILTER FABRIC BETWEEN THE INLET GRATES AND FRAMES AS A TEMPORARY PROTECTION MEASURE UNTIL FINAL SURFACING IS COMPLETE.
8. ENSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC., ARE CLEANED OUT AND WORKING PROPERLY AT ALL TIMES. THE STRUCTURES SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AND REPAIRS, AS NEEDED, SHALL BE MADE IMMEDIATELY.

SWPPP:

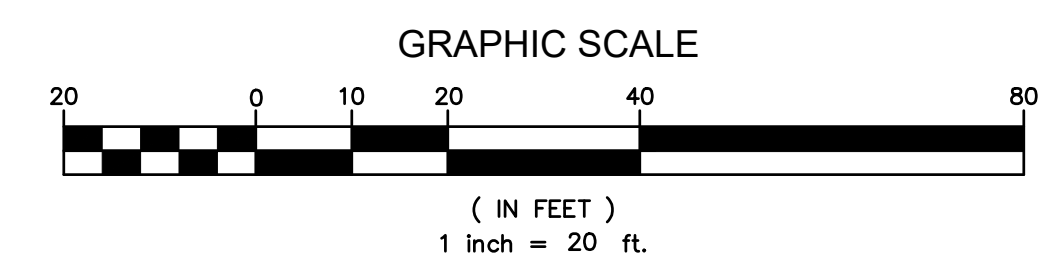
THE CONTRACTOR SHALL PREPARE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR THIS PROJECT WHICH TAKES INTO ACCOUNT THE MANNER IN WHICH THE CONTRACTOR INTENDS TO PHASE AND PERFORM ITS WORK. THIS PLAN SHALL BE IN ACCORDANCE WITH FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION "FLORIDA LAND DEVELOPMENT MANUAL" "BEST MANAGEMENT PRACTICES".

THE SWPPP SHALL MEET ALL FDEP REQUIREMENTS FOR NPDES PERMIT COMPLIANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FILING "NOTICE OF INTENT" (NOI) AND "NOTICE OF TERMINATION" (NOT) DOCUMENTS WITH FDEP.



SILT FENCE DETAIL

N.T.S.



BID DOCUMENTS PHASE