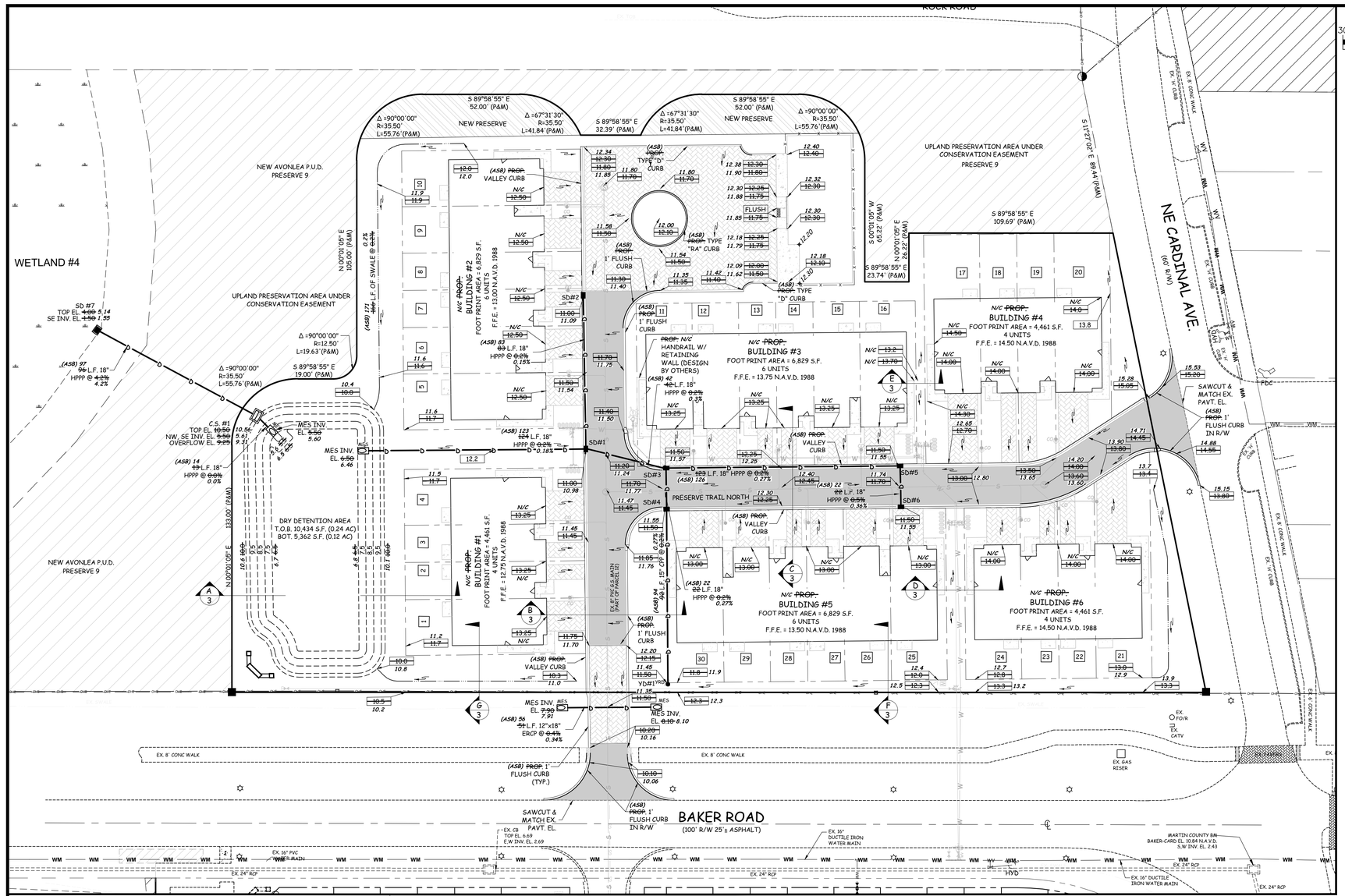
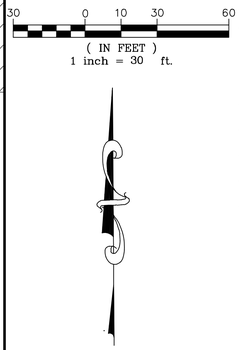
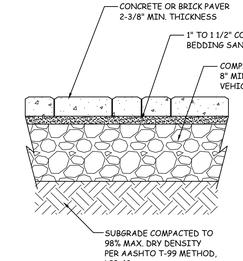
RECORD ASBUILT





LEGEND

12.2	EXISTING GRADE ELEVATION	FM	EXISTING FORCE MAIN
T/CURB 21.50 21.00 B/CURB	PROPOSED ELEVATION (H.P. = HIGH POINT)		EXISTING EDGE OF PAVEMENT
			EXISTING LIGHT POLE
	RUNOFF FLOW DIRECTION		PROPOSED CATCH BASIN
1	PIPE INTERFERENCE POINTS		PROPOSED CLEAN OUT
WM	EXISTING WATER MAIN		PROPOSED ASPHALT PAVEMENT
GS	EXISTING GRAVITY SEWER MAIN	SL	PROPOSED SWALE LINER

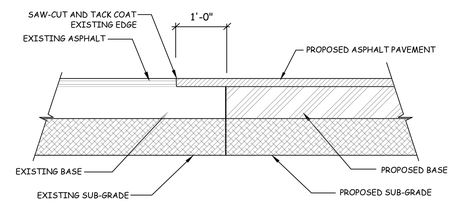


NOTES:

1. SCATTER SAND OR SCREENINGS OVER COMPLETED WORK AND SWEEP INTO CRACKS.
2. CONCRETE PAVERS SHOULD CONFORM TO THE REQUIREMENTS OF ASTM C-1319. BRICK PAVERS SHOULD CONFORM TO THE REQUIREMENTS OF ASTM C902-95.

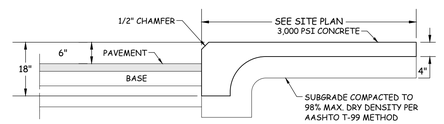
CONCRETE OR BRICK PAVER DETAIL

N.T.S.



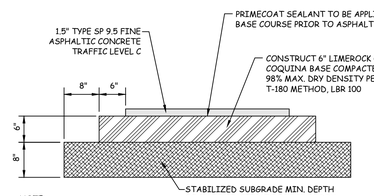
ASPHALT PAVEMENT SAWCUT & BUTTJOINT DETAIL

N.T.S.



SIDEWALK/PAVEMENT DETAIL

N.T.S.



NOTE:
PAVEMENT SHALL HAVE MARSHALL STABILITY OF 1,000 LBS.

TYPICAL ONSITE ASPHALT PAVEMENT DETAILS

N.T.S.

CATCH BASIN SCHEDULE

STRUCTURE NAME	ELEVATION - FT. TOP	NORTH	EAST	SOUTH	WEST	WEIR	BLEEDER	BOX TYPE PER F.D.O.T. INDEX #232	COVER
C.S. #1	~~10.50~~ 10.56	NW ~~5.50~~ 5.61	-	SE ~~5.50~~ 5.61	-	~~9.25~~ 9.31	-	TYPE 'E'	USF 6300
SD#1	~~11.00~~ 10.98	~~6.75~~ 6.78	~~6.75~~ 6.68	-	~~6.75~~ 6.68	-	-	TYPE 'C'	USF 5113-6194
SD#2	~~11.00~~ 11.09	-	-	~~6.50~~ 6.90	-	-	-	TYPE 'C'	USF 5113-6194
SD#3	~~11.50~~ 11.97	-	~~6.50~~ 6.80	~~6.50~~ 6.80	~~6.50~~ 6.80	-	-	TYPE 'C'	USF 5113-6194
SD#4	~~11.50~~ 11.55	~~6.50~~ 6.86	-	~~6.50~~ 8.03	-	-	-	TYPE 'C'	USF 5113-6194
SD#5	~~11.50~~ 11.55	-	-	~~8.50~~ 8.09	~~7.50~~ 7.14	-	-	TYPE 'C'	USF 5113-6194
SD#6	~~11.50~~ 11.55	~~6.50~~ 8.17	-	-	-	-	-	TYPE 'C'	USF 5113-6194
SD#7	~~4.00~~ 5.14	-	-	SE ~~1.50~~ 1.55	-	-	-	TYPE 'C'	USF 6212
YD#1	~~11.50~~ 11.45	~~8.50~~ 8.04	-	-	-	-	-	YARD DRAIN	CAST IRON

S.F.W.M.D. PERMIT NO. #43-01387-P BASIN E

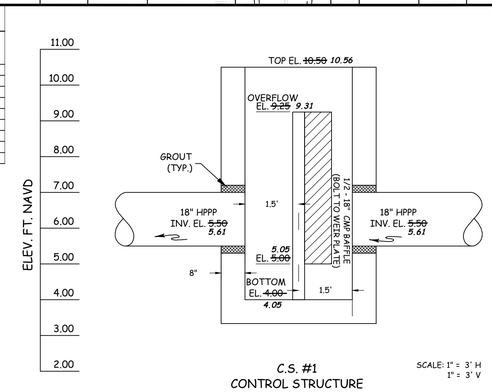
	NAVD 88	NGVD 29
CONTROL ELEV.	5.50	7.00
MIN. ROAD CROWN ELEV.	10.20	11.70
MIN. FINISH FLOOR ELEV.	10.60	12.10

Sunshine 811 — BEFORE YOU DIG CALL TWO (2) BUSINESS DAYS AND WAIT FOR ALL UTILITIES TO RESPOND. RESPECT THE MARKS. DIG SAFELY.

SPACING OR REQUIRED ROADWAY / PARKING AREA TESTS

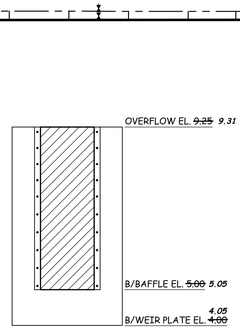
ITEMS TO BE TESTED	F.B.V.		DENSITY		L.B.R.		
	MAX. SPACING LIN.FT.	SQ.FT.	MAX. SPACING LIN.FT.	SQ.FT.	MAX. SPACING LIN.FT.	SQ.FT.	LIN.FT. SQ.FT.
COMPACTED OR STABILIZED SUBGRADE	300	10,000	300	10,000	___	___	
LIMEROCK BASE	___	___	300	10,000	___	___	
SHELLROCK BASE	___	___	300	10,000	___	___	
ASPHALT	___	___	___	___	___	___	PER INSP.

NOTE: ALL TESTING SHALL BE TAKEN IN A STAGGERED SAMPLING PATTERN FROM A POINT 12" INSIDE THE LEFT EDGE OF THE ITEM TESTED, TO THE CENTER, TO A POINT 12" INSIDE OF THE RIGHT EDGE.



C.S. #1
CONTROL STRUCTURE
TYPE 'E' BOX
CROSS SECTION LOOKING NORTHEAST

SCALE: 1" = 3' H
1" = 3' V



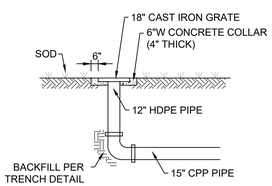
C.S. #1
WEIR PLATE

NOTE:
ALL ELEVATIONS SHOWN OR REFERENCED WITHIN THESE PLANS ARE BASED UPON NORTH AMERICAN VERTICAL DATUM OF 1988 (N.A.V.D.). TO CONVERT FROM N.A.V.D. '88 TO N.G.V.D. '29, ADD 1.48' TO THE N.A.V.D. ELEVATIONS TO GET N.G.V.D. ELEVATIONS.

NOTE:
ALL DRAINAGE PIPE JOINTS, INCLUDING ROUND CONCRETE PIPES, SHALL HAVE A FILTER FABRIC JACKET IN ACCORDANCE WITH FDOT ROADWAY AND TRAFFIC DRAINAGE STANDARDS. IF APPLICABLE, ALL RCP PIPE USED FOR EXFILTRATION SHALL HAVE SLOTS, IN ACCORDANCE TO FDOT INDEX #285.2 OPTION 'B'.

SIDEWALK SLOPES PER ADA

LENGTH	MAX. SLOPE	LONGITUDINAL
L < 6'	1:12	NO HANDRAILS
6' < L < 30'	1:12	HANDRAILS BOTH SIDES
6' < L < 50'	1:20	NO HANDRAILS



YARD DRAIN DETAIL

N.T.S.

ABBREVIATIONS

(ASB) = ASBUILT
B/P = BOTTOM PIPE
CB = CATCH BASIN
C/O = CLEAN-OUT
CS = CONTROL STRUCTURE
COR. = CORNER
D.D.C.V. = DOUBLE DETECTOR CHECK VALVE
D.I.P. = DUCTILE IRON PIPE
DIR. BORE = DIRECTIONAL BORING (BY OTHERS)
EL. = ELEVATION
(EX) = EXISTING
FDC = FIRE DEPARTMENT CONNECTOR
FHYD = FIRE HYDRANT
F.L. = FIRE LINE
FLNG. = FLANGE ELEVATION
F.M. = FORCE MAIN
GND = GROUND ELEVATION
GV = GATE VALVE
H.D.P.E. = HIGH DENSITY POLYETHYLENE
INV. = INVERT
L.F. = LINEAR FEET
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POLY. = POLYETHYLENE
PROP. = PROPERTY
P.V.C. = POLYVINYL CHLORIDE
R.P.Z. = REDUCE PRESSURE ZONE
SAN. = SANITARY
S.P. = SAMPLE POINT
S.S. = SANITARY SERVICE
T.J. = TEMPORARY JUMPER
T/N = TOP OF NUT ELEVATION
T/P = TOP OF PIPE ELEVATION
T/W = TOP OF WALL
W.M. = WATER MAIN
WS = WATER SERVICE
W.V. = WATER VALVE
YRD =YARD DRAIN

PAVING, GRADING & DRAINAGE ASBUILTS SURVEYOR'S NOTES

1. ELEVATIONS SHOWN HEREON REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (N.A.V.D. '88).
2. THE COORDINATES SHOWN HEREON REFER TO NAD 83 STATE PLANE FLORIDA EAST ZONE (1990 ADJUSTMENTS).

VELCON ENGINEERING & SURVEYING, LLC
CERTIFICATE OF AUTHORIZATION NO. LB 8206
590 SW PEACOCK BLVD., SUITE 8
PORT ST. LUCIE, FLORIDA 34986
PHONE (772) 879-0477
Web Site: www.velconfl.com

Robert F Kemerson
Digitally signed by Robert F Kemerson
DN: c=US, o=Florida, dnQualifier=A01410C0000017A9B8FEFC00000A070, cn=Robert F Kemerson
Date: 2021.12.08 13:39:59 -05'00'

ROBERT F. KEMERSON
PROFESSIONAL SURVEYOR AND MAPPER
STATE OF FLORIDA (PSM)#6285

SEAL

ENGINEER'S APPROVAL

M. RANDALL RODGERS, P.E. FL Lic. No. 68212 — DATE

VELCON ENGINEERING & SURVEYING LLC
590 NW PEACOCK BLVD, SUITE #8
PORT ST. LUCIE FL 34986
PHONE: (772) 879-0477
FBPE C.O.A. # 32222

REVISIONS

BY	DATE	REVISIONS
RR	07-28-20	PER CDS COMMENTS
RR	09-04-20	PER SFWMD COMMENTS

PAVING GRADING & DRAINAGE PLAN AND SPECIFICATIONS

AVONLEA PUD MASTER PLAN LOT 2

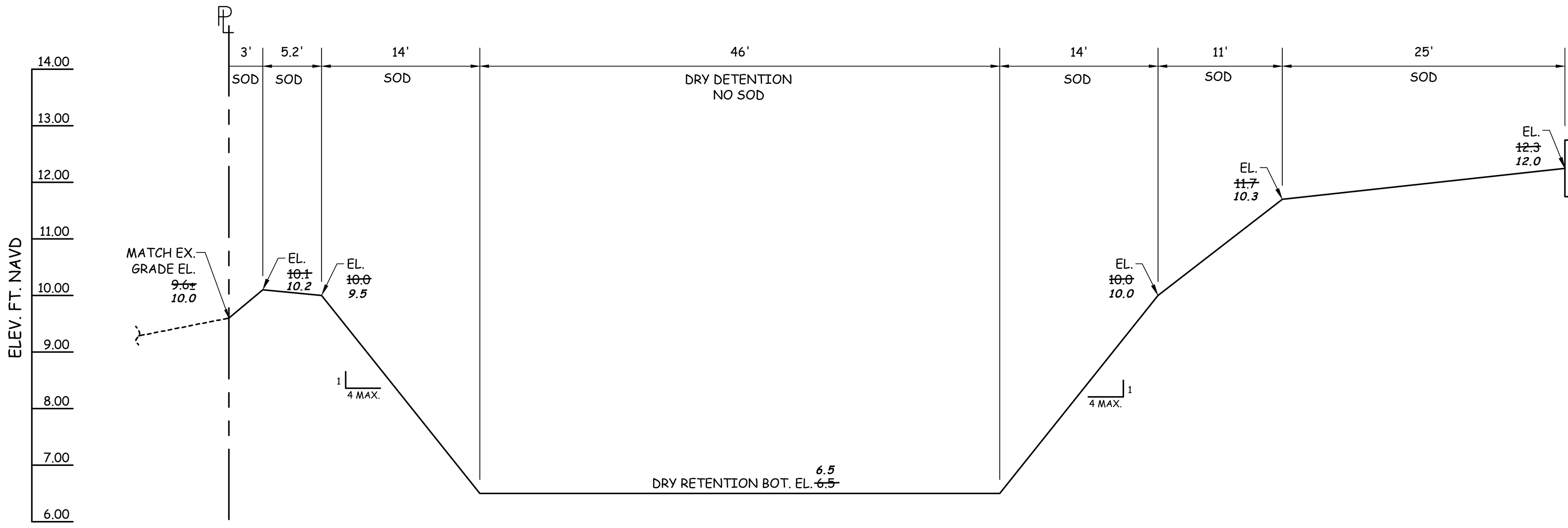
CITY OF STUART, FLORIDA

SCALE: 1"=30'
DATE: 12/09/19
DRAWN BY: RR
CHECKED BY: RR
CADD FILE NAME: 19-1018GRADING

SHEET NO.: 2
OF : -

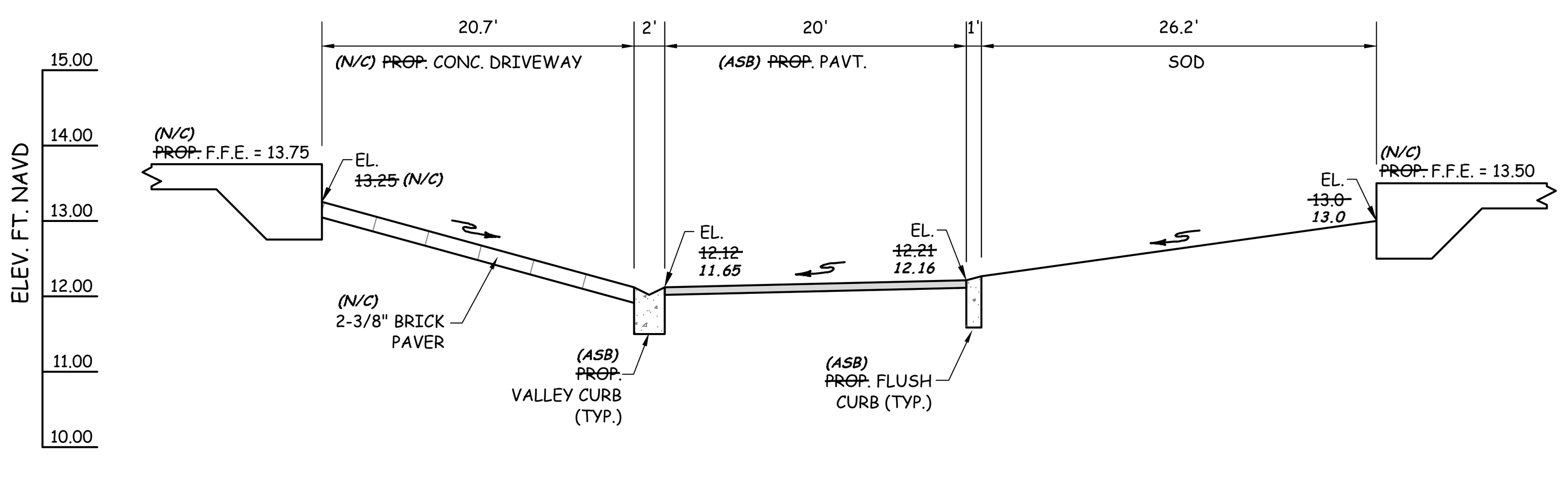
JOB No. : 19-1018

RECORD ASBUILT



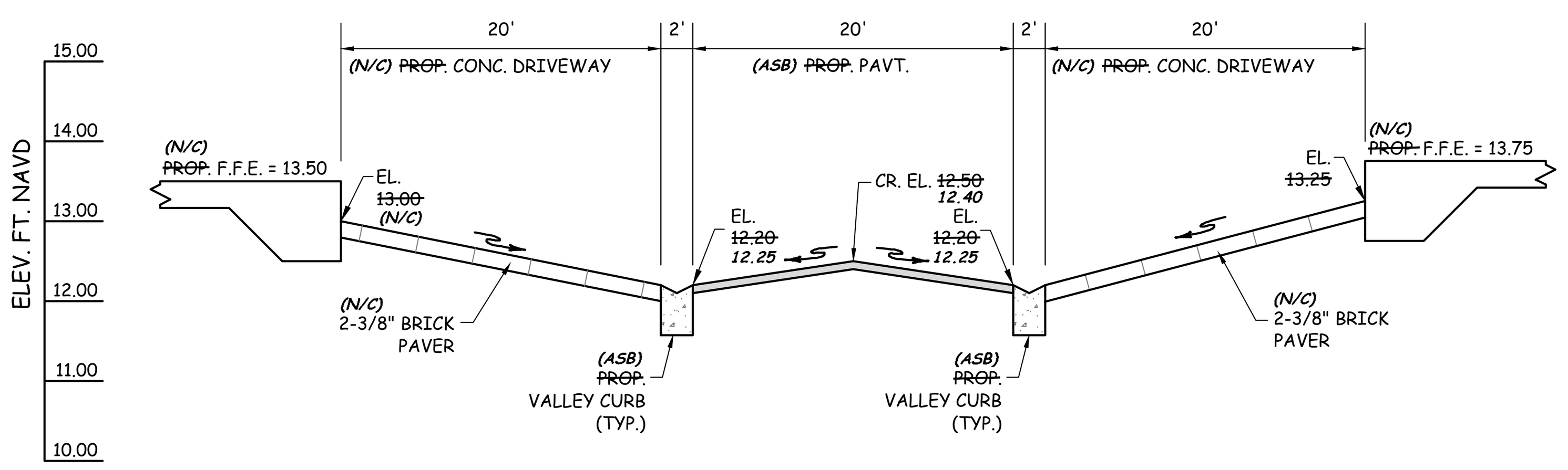
A 3 CROSS SECTION

SCALE: 1" = 10' H
1" = 2' V



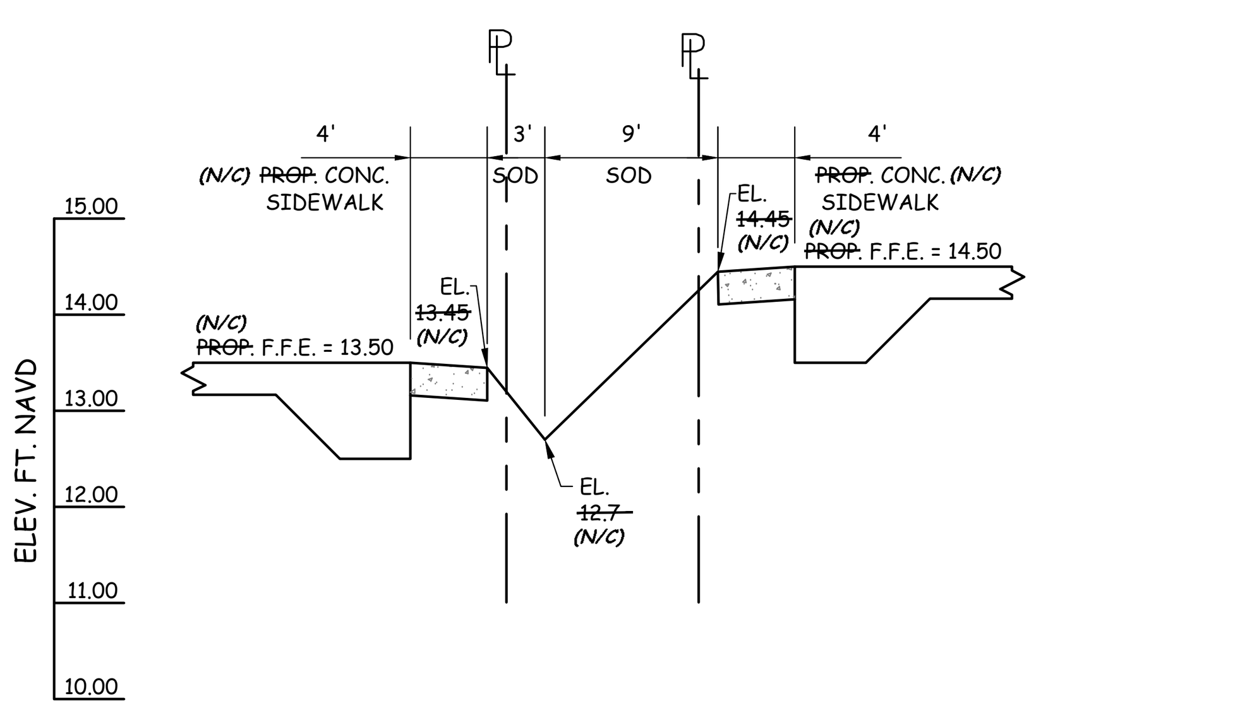
B 3 CROSS SECTION

SCALE: 1" = 10' H
1" = 2' V



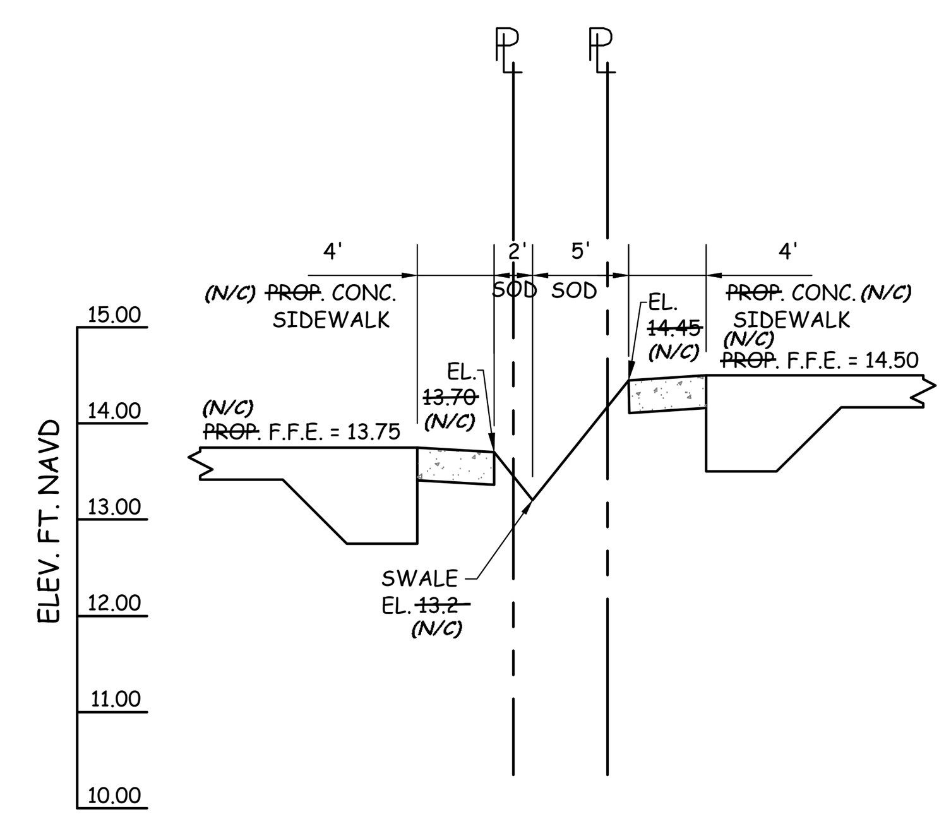
C 3 CROSS SECTION

SCALE: 1" = 10' H
1" = 2' V



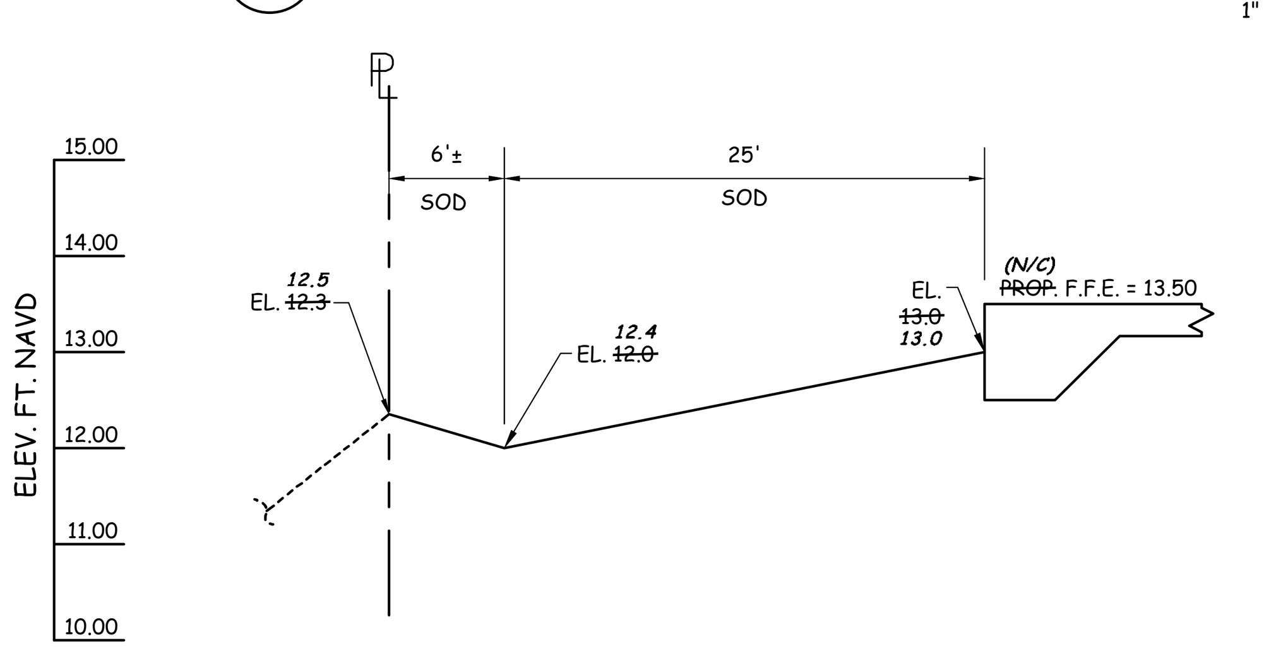
D 3 CROSS SECTION

SCALE: 1" = 10' H
1" = 2' V



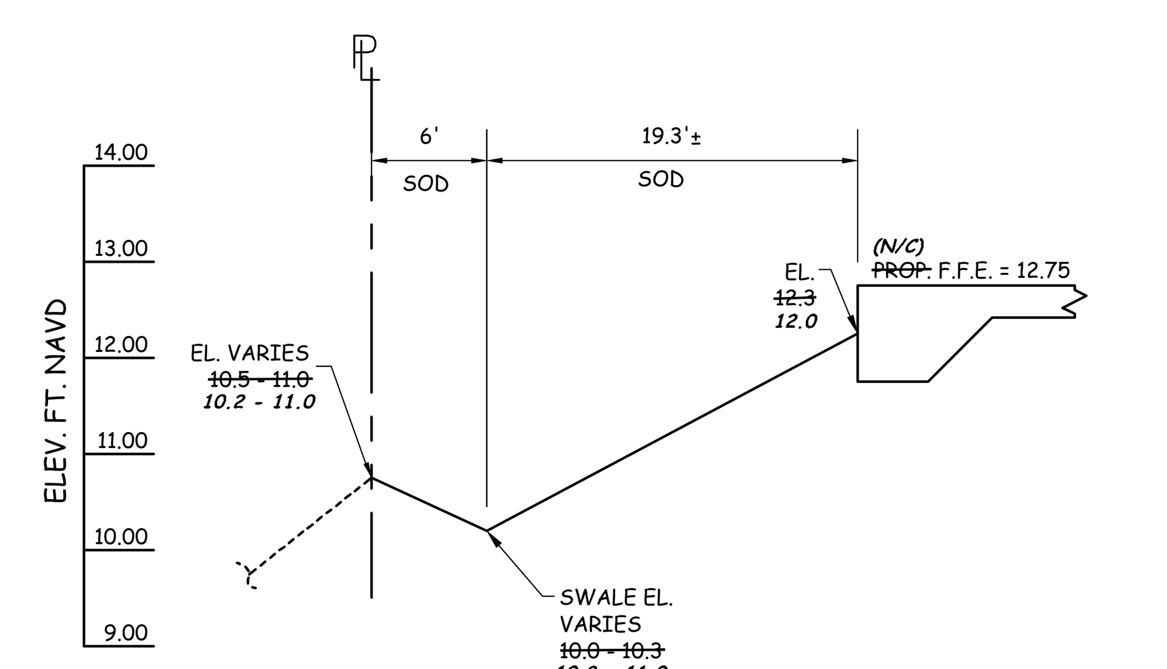
E 3 CROSS SECTION

SCALE: 1" = 10' H
1" = 2' V



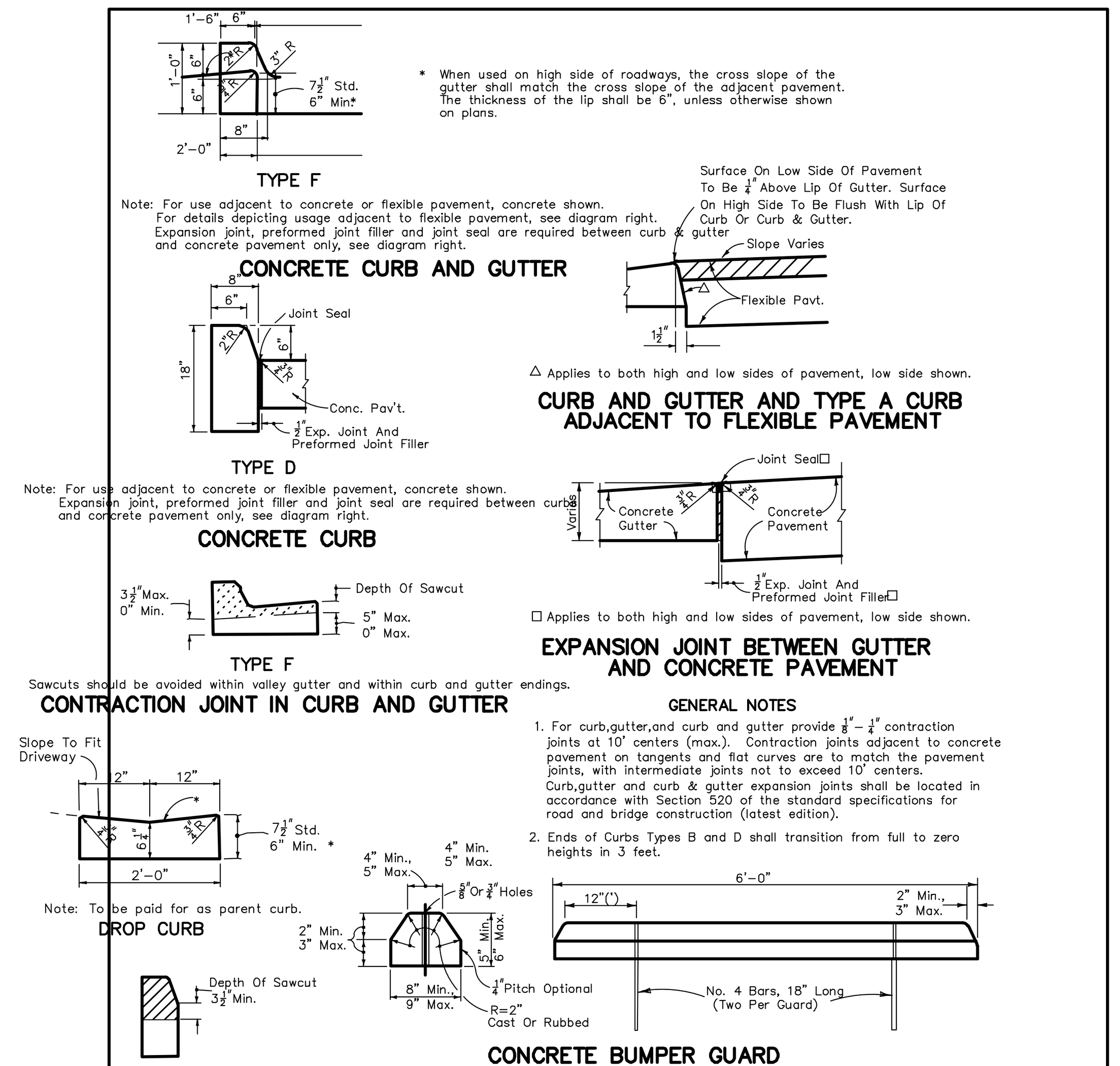
F 3 CROSS SECTION

SCALE: 1" = 10' H
1" = 2' V



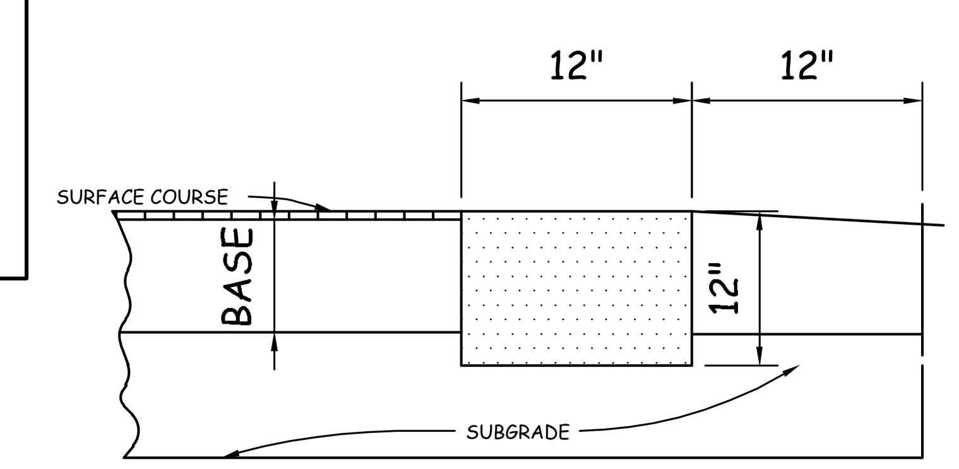
G 3 CROSS SECTION

SCALE: 1" = 10' H
1" = 2' V



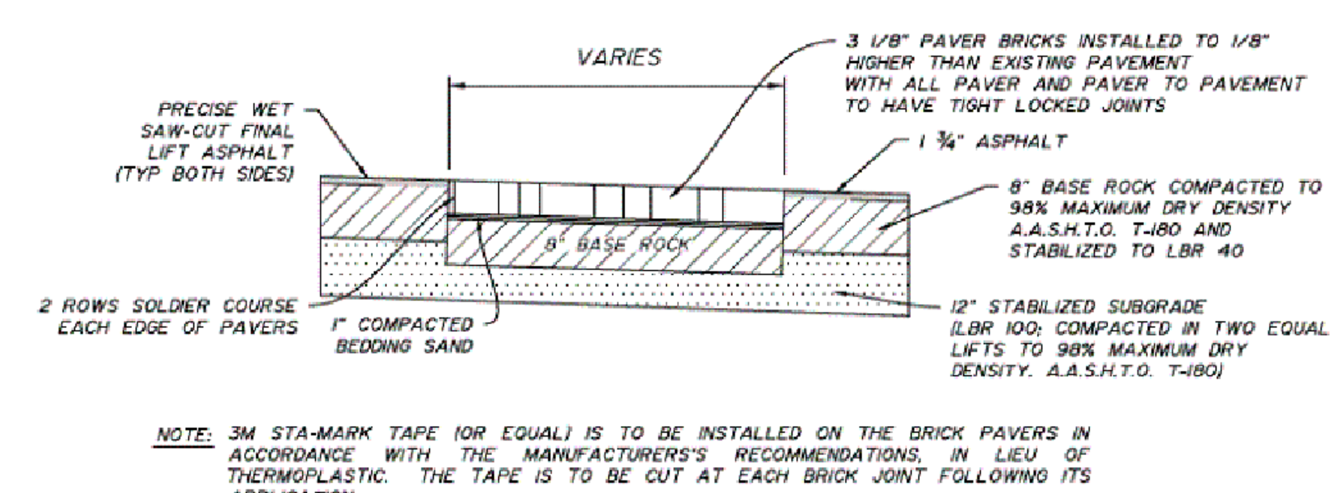
CURB & GUTTER DETAIL

F.D.O.T. INDEX NUMBER 520-001



NOTE: 3,000 P.S.I. CONCRETE AT 28 DAYS.

FLUSH CURB DETAIL



PAVER BRICK DETAIL W/OUT CONC. BAND (OPTIONAL NO BAND)

CONSTRUCTION FIELD OBSERVATIONS

I. DRAINAGE
- A. LAYING OF PIPE (BEFORE BACKFILL)
- B. ALL DRAINAGE STRUCTURES AND PIPE LAYING COMPLETE.
- C. CONSTRUCTION AND STABILIZATION OF RETENTION AREAS AND SWALES.
- D. SEEDING, MULCH AND SODDING IN AREAS WHERE EROSION IS EVIDENT.

II. UTILITIES (PERMITS)
- A. PIPE LAYING IN RIGHTS-OF-WAYS .
- B. JACK AND BORING / DIRECTIONAL BORING.
- C. WET TAPS.
- D. ABOVE GROUND MANHOLE INSPECTIONS AND INSTALLATIONS.

III. CONCRETE
- A. CONSTRUCTION OF CURBING, SIDEWALK, NON-BUILDING SLABS, AND RETAINING WALLS BEFORE PLACEMENT OF CONCRETE.

IV. PAVEMENT
- A. LINE AND GRADE (CERTIFICATION).
- B. SUB BASE (PRIOR TO ADDING BASE MATERIAL)
- C. BASE (PRIOR TO PRIMING AND SAND SEAL)
- D. BASE (AFTER PRIMING, SAND SEAL AND BEFORE PLACING OF ASPHALT)
- E. ASPHALT OR CONCRETE (WHILE PAVING IS IN PROCESS).
- F. TURN OUT CONSTRUCTION ONTO CITY, COUNTY, OR STATE ROAD (ABOVE INSPECTIONS APPLY).
- G. TEST RESULTS ON SUB BASE, BASE AND ASPHALT.
- H. FINAL PROJECT OBSERVATION.

PROJECT CERTIFICATION REQUIREMENTS

I. PAVEMENT TESTING
- A. LIMEROCK BEARING RATIO (LBR) TEST RESULTS.
- B. COMPACTION TEST RESULTS.
- C. BASE MATERIAL TEST RESULTS.
- D. ASPHALT TEST RESULTS.

II. WATER AND SEWER
- A. DEPARTMENT OF ENVIRONMENTAL PROTECTION CERTIFICATION FOR BOTH WATER AND SEWER (OPERATION AND MAINTENANCE), IF APPLICABLE.
- B. HEALTH DEPARTMENT CERTIFICATION, IF APPLICABLE.
- C. BACTERIOLOGICAL AND PRESSURE TESTING FOR WATER MAINS.
- D. VIDEO AND EXFILTRATION TESTING FOR GRAVITY SEWER MAINS, IF APPLICABLE.
- E. PRESSURE TESTING FOR FORCE MAINS, IF APPLICABLE.
- F. UTILITY ACCEPTANCE FOR OPERATION AND MAINTENANCE, IF APPLICABLE.

III. CERTIFICATION AND RECORD DRAWINGS
- A. SEALED CERTIFICATION BY THE ENGINEER OF RECORD FOR COMPLIANCE WITH APPROVED PLANS AND SPECIFICATIONS ALONG WITH RECORD DRAWINGS FOR THE PROJECT.

ABBREVIATIONS

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(EX) = EXISTING	SAN. = SANITARY
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INV. = INVERT	W.V. = WATER VALVE
L.F. = LINEAR FEET	YRD =YARD DRAIN

PAVING, GRADING & DRAINAGE ASBUILTS SURVEYOR'S NOTES

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Robert F Kemerson
Digitally signed by Robert F Kemerson
DN: c=US, o=Florida, dnQualifier=A01410C0000017A9B8FEFC00000A070, cn=Robert F Kemerson
Date: 2021.12.08 13:40:19 -05'00'

ROBERT F. KEMERSON
PROFESSIONAL SURVEYOR AND MAPPER
STATE OF FLORIDA (PSM)#6285

GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTING THE SITE PRIOR TO BIDDING WORK AND SHALL TAKE INTO CONSIDERATION ANY OMISSIONS, UNDERGROUND UTILITIES, OR OTHER ITEMS AFFECTING THE INSTALLATION OF PAVING, DRAINAGE, AND UTILITIES. SHOULD UNCHARTED OR INCORRECTLY CHARTED UTILITIES OR OTHER ITEMS BE ENCOUNTERED DURING CONSTRUCTION, CONSULT ENGINEER OF RECORD IMMEDIATELY FOR DIRECTIONS. REPAIR DAMAGED UTILITIES OR OTHER ITEMS TO SATISFACTION OF UTILITY OWNER AND ENGINEER OF RECORD.
2. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CITY, COUNTY, STATE, AND FEDERAL REGULATIONS, CODES, AND ORDINANCES, INCLUDING OSHA AND FDOT SPECIFICAIONS, LASTEST EDITION UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER IN WRITING.
3. LOCATION AND SIZES OF ALL EX. UTILITIES ARE APPROXIMATE ONLY. CONTRACTOR IS RESPONSIBLE FOR EXACT FIELD LOCATION AND SIZES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION TO ALLOW FOR PIPE RECONFIGURATION IF NEEDED. THE CONTRACTOR SHALL CONTACT ALL AFFECTED UTILITIES AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION OPERATIONS.
4. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO COMMENCING WORK.
5. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER OF RECORD.
6. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS / LICENSES PRIOR TO COMMENCING WORK.
7. THE CONTRACTOR SHALL KEEP COPIES OF ALL PERMITS, PLANS, AND SPECIFICATIONS ON SITE DURING CONSTRUCTION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED TESTING TO BE PERFORMED BY AN INDEPENDENT TESTING LABORATORY APPROVED BY THE ENGINEER OF RECORD. THE CONTRACTOR SHALL SUPPLY DENSITY TESTS TO ENGINEER OF RECORD ON ALL SUB GRADE AND BASE. TESTS SHALL BE PREPARED IN ACCORDANCE WITH AASHTO T-180 METHOD AT ALL AREAS OF DISTURBED ASPHALT & PIPE TRENCHING.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY DAMAGE RESULTING FROM HIS OPERATIONS, TO EXISTING PAVEMENT, SWALES, ETC.
10. THE CONTRACTOR SHALL GUARANTEE ALL WORK AND ,MATERIALS FOR A PERIOD OF ONE YEAR FROM THE DATE THAT PROJECT HAS BEEN ACCEPTED. ALL FAULTY CONSTRUCTION AND/OR MATERIALS THAT OCCUR DURING AFORESAID PERIOD SHALL BE CORRECTED AT THE CONTRACTORS'S EXPENSE AND IN A TIMELY MANNER.
11. THE CONTRACTOR SHALL COMPLY WITH ALL RULES AND REGULATIONS OF THE STATE, COUNTY AND CITY AUTHORITIES REGARDING CLOSING OR RESTRICTING THE USE OF PUBLIC STREETS OR HIGHWAYS.
12. THE CONTRACTOR SHALL GIVE ADEQUATE NOTIFICATION TO ALL AFFECTED UTILITY OWNERS FOR REMOVAL, RELOCATION AND ALTERATION OF THEIR EXISTING FACILITIES.
13. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS PRIOR TO ANY REQUIRED INSPECTIONS AND SHALL SUPPLY ALL EQUIPMENT NECESSARY FOR INSPECTIONS AND/OR TESTING.
14. THE CONTRACTOR SHALL PROVIDE THE ENGINEER AS-BUILT SURVEYS CERTIFIED BY A LICENSED SURVEYOR UPON COMPLETION OF CONSTRUCTION AND SCHEDULE A FINAL INSPECTION WITH THE ENGINEER OF RECORD.
15. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE COUNTY SURVEYOR WITHOUT DELAY BY TELEPHONE.
16. IF HARDPAN IS ENCOUNTERED WITHIN RETENTION AREA OR SWALES, IT SHALL BE REMOVED AND REPLACED WITH A GRANULAR MATERIAL.
17. IF MUCK OR ANY OTHER UNSUITABLE MATERIAL IS ENCOUNTERED, THE MATERIAL SHALL BE COMPLETELY REMOVED AND BACK FILLED WITH A GRANULAR MATERIAL AND COMPACTED TO DENSITIES SUFFICIENT TO ACCOMMODATE THE INTENDED USE.
18. LOCATION OF STRUCTURES SHALL GOVERN AND PIPE LENGTHS MAY HAVE TO BE ADJUSTED TO ACCOMPLISH CONSTRUCTION AS SHOWN ON THESE PLANS.
19. RCP INDICATES REINFORCED CONCRETE PIPE. CMP INDICATES GALVANIZED CORRUGATED METAL PIPE. BCCMP INDICATES BITUMINOUS COATED CORRUGATED METAL PIPE. CAP INDICATES CORRUGATED ALUMINUM PIPE. CPP INDICATES CORRUGATED POLYETHYLENE PIPE (N12) MANUFACTURED BY ADVANCED DRAINAGE SYSTEMS, INC. (ADS). HPPP INDICATES HIGH-PERFORMANCE POLYPROPYLENE PIPE.
20. MITERED END SECTIONS SPECIFIED ON THE PLANS SHALL BE IN ACCORDANCE WITH FDOT STANDARD INDEX NO. 430-021.
21. COMPACTION REQUIREMENTS FOR PIPE BEDS SHALL BE 90% OF MAXIMUM DRY DENSITY.
22. TEMPORARY DRAINAGE SHALL BE PROVIDED DURING CONSTRUCTION TO ELIMINATE ANY FLOODING OF PRIVATE PROPERTY.
23. ALL STORM SEWER LINES AND DRAINAGE STRUCTURES SHALL BE CLEANED OF DEBRIS AND ERODED MATERIALS DURING THE FINAL STAGES OF CONSTRUCTION.
24. ANY DRAINAGE PROBLEMS CREATED BY CONSTRUCTION, OR EXISTING BEFORE CONSTRUCTION AND NOT ALLEVIATED AS PART OF THE PROPOSED IMPROVEMENTS, SHOULD BE BROUGHT TO THE ATTENTION OF THE GOVERNING AUTHORITY AND THE ENGINEER OF RECORD.
25. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT EXISTING TREES SHOWN TO REMAIN. IF ANY TREES MARKED TO BE REMOVED CAN BE SAVED, THE CONTRACTOR SHALL SAVE SAID TREES. SHOULD ADDITIONAL TREES NEED TO BE REMOVED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER OF RECORD FOR APPROVAL PRIOR TO REMOVING SAID TREES.
26. IF EXCAVATED FILL WATERIAL IS REUSABLE, STOCKPILE EXCESS FOR USE IN LANDSCAPED AREAS.
27. UNUSABLE CLEARED WATERIAL SHALL BE REMOVED FROM SITE AND HAULED TO AN APPROVED DISPOSAL SITE. AS AN ALTERNATIVE, BURNING ON SITE WILL BE ALLOWED WITH PROPER PERMITS. LOCATION OF BURN SITE SHALL BE APPROVED BY OWNER.
28. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS OR BETTER. ALL EXISTING SIGNAGE, PAVEMENT MARKINGS, ABOVE GROUND APPURTENANCES, ETC. SHALL BE RESTORED IN KIND.
29. WHEN PAVEMENT IS SHOWN NEXT TO A CURB OR SIDEWALK, THE ELEVATION OF THE TOP OF CURB OR SIDEWALK IS 6" ABOVE THE PAVEMENT, UNLESS INDICATED AS FLUSH. IN SOME CASES, BOTH ELEVATIONS ARE SHOWN FOR ADDITIONAL CLARITY.
30. ALL CONCRETE SHALL DEVELOP A 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI UNLESS OTHERWISE NOTED.
31. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A-615 AND HAVE A TENSILE STRENGTH OF 60,000 PSI UNLESS OTHERWISE NOTED.
32. ALL WATER FLUSHED FROM MAINS SHALL BE DIRECTED AS APPROVED BY THE ENGINEER OF RECORD.
33. NO WATER OR SEWER SERVICE IS TO BE SUPPLIED, UNTIL A LETTER OF CLEARANCE IS RECEIVED FROM FDEP, IF APPLICABLE.
34. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", AND THE FDOT "ROADWAY AND TRAFFIC DESIGN STANDARDS INDEX #600", LATEST EDITIONS.
35. EROSION AND SEDIMENT CONTROL - CONTRACTOR IS RESPONSIBLE FOR PROVIDING EROSION AND SEDIMENT CONTROL USING THE LATEST F.D.O.T. STANDARDS. BALED HAY, STRAW, AND SILTATION BARRIERS WILL BE INSTALLED WHERE NEEDED TO PREVENT SILTATION OF ADJACENT PROPERTY, PUBLIC RIGHT-OF-WAY, WETLANDS AND WATERWAYS. THESE WILL REMAIN IN PLACE UNTIL GRASSING OR SODDING HAS BEEN COMPLETED OR UNTIL SILTATION AND EROSION ARE NO LONGER A THREAT TO ADJACENT PROPERTY AND WATERWAYS.
36. ALL BERMS AND GRASSED AREAS SHALL BE SEEDED AND MULCHED IN ACCORDANCE WITH THE APPROPRIATE SECTIONS OF THE ABOVE REFERENCED SPECIFICATIONS UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER OF RECORD.
37. BOUNDARY AND TOPOGRAPHIC INFORMATION PREPARED BY VELCON ENGINEERING & SURVEYING, LLC. DRAWING NO. 19-2011 AND 19-2012. ALL ELEVATIONS PER BENCHMARKS REFERENCED ON SURVEY.

SEAL

ENGINEER'S APPROVAL

M. RANDALL RODGERS, P.E.
FL Lic. No. 68212

DATE

VELCON ENGINEERING & SURVEYING LLC
590 NW PEACOCK BLVD, SUITE #8
PORT ST. LUCIE, FL 34986
PHONE: (772) 879-0477
FBPE C.O.A. # 32222

REVISIONS

BY	DATE	DESCRIPTION
RR	07-29-20	DELETED CONCRETE DRIVEWAY DETAIL PER COS COMMENTS
RR	08-04-20	PER SFWMD COMMENTS

PAVING, GRADING & DRAINAGE DETAILS

AVONLEA PUD MASTER PLAN LOT 2

CITY OF STUART, FLORIDA

SCALE : AS NOTED
DATE: 11/25/19
DRAWN BY: RP
CHECKED BY: RR
CADD FILE : 19-1018ENG.DWG

SHEET NO.: 3
OF : -
JOB No. : 19-1018