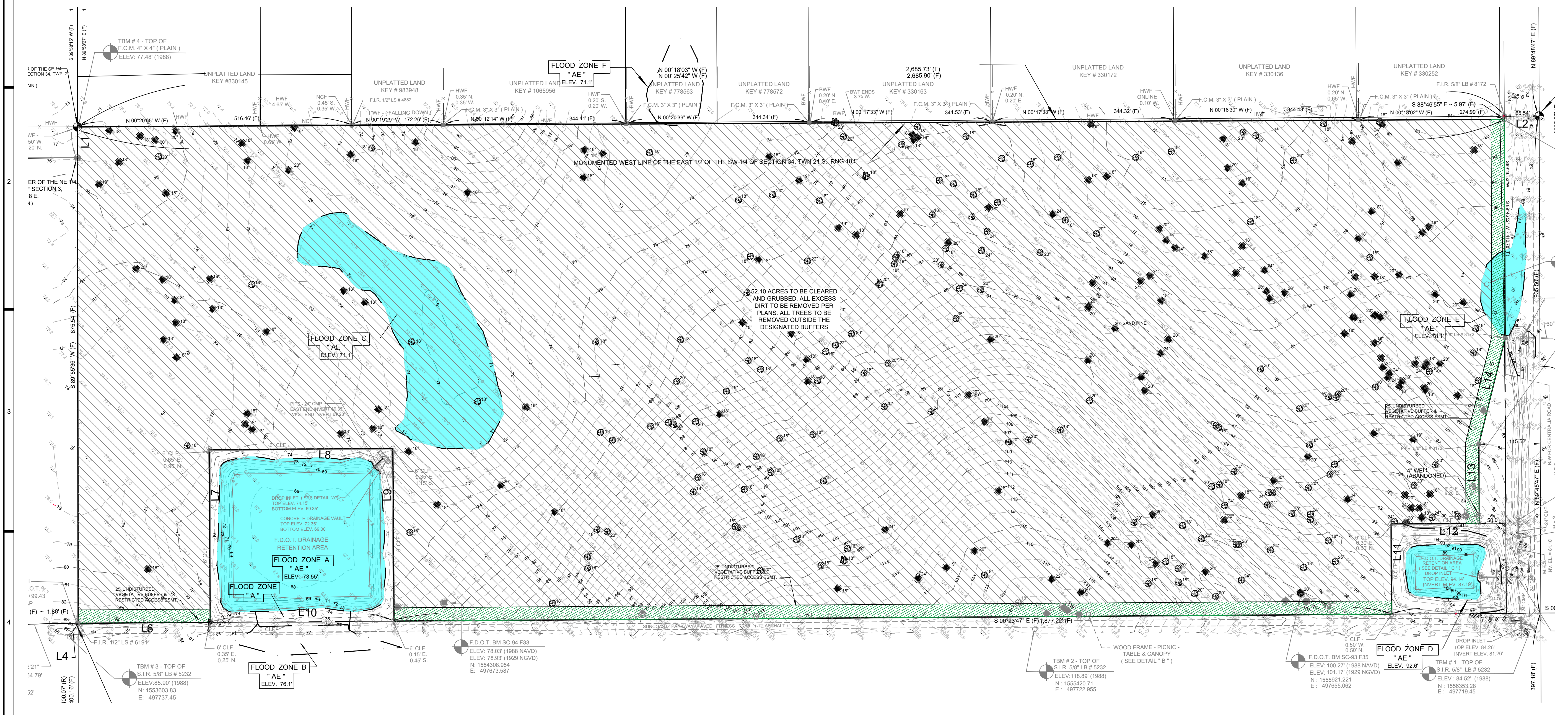
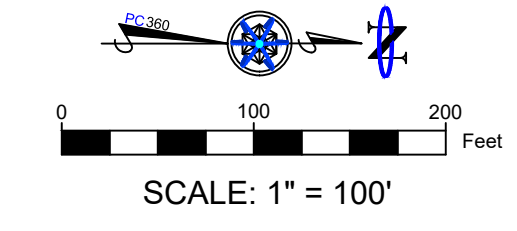


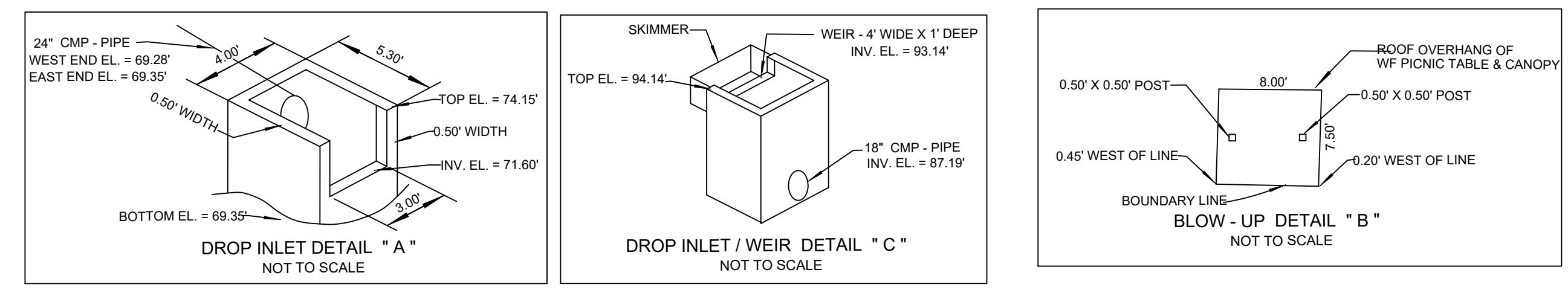
CENTRALIA TRAILS

A RURAL DEVELOPMENT
OF 2.5 ACRE TRACTS
IN SEC. 34, TWP. 21 S, RNG. 18 E
HERNANDO COUNTY, FL



FIELD MEASURED			RECORD MEASUREMENT			FIELD MEASURED		
NUM	BEARING	DISTANCE	NUM	BEARING	DISTANCE	NUM	BEARING	DISTANCE
L1	S89°52'41"W	58.31'	L6	S00°23'47"E	248.21'	L6	S00°21'55"E	248.70'
L2	S00°24'55"E	65.54'	L7	N89°36'13"E	325.00'	L7	S89°36'33"E	324.97'
L3	NA	NA	L8	S00°23'47"E	346.00'	L8	S00°23'05"E	345.07'
L4	N57°34'27"W	30.27'	L9	S89°36'13"W	325.00'	L9	S89°36'13"W	325.00'
L5	S89°57'21"W	64.83'	L10	S00°23'47"E	346.00'	L10	S00°23'47"E	346.00'
			L11	N89°49'23"E	170.00'	L11	N89°49'23"E	170.00'
			L12	S00°23'47"E	166.00'	L12	S00°23'46"E	166.00'
			L13	N89°43'22"E	148.72'	L13	N89°43'22"E	148.83'
			L14	S76°08'20"E	206.16'	L14	S76°08'20"E	206.25'
			L15	S00°23'47"E	346.00'	L15	S00°23'47"E	346.00'

LEGEND	
	DEMO AREA
	PROPOSED SILTFENCE



FDOT POND DETAILS

CENTRALIA TRAILS
HERNANDO COUNTY
SURVEY-DEMO PLAN

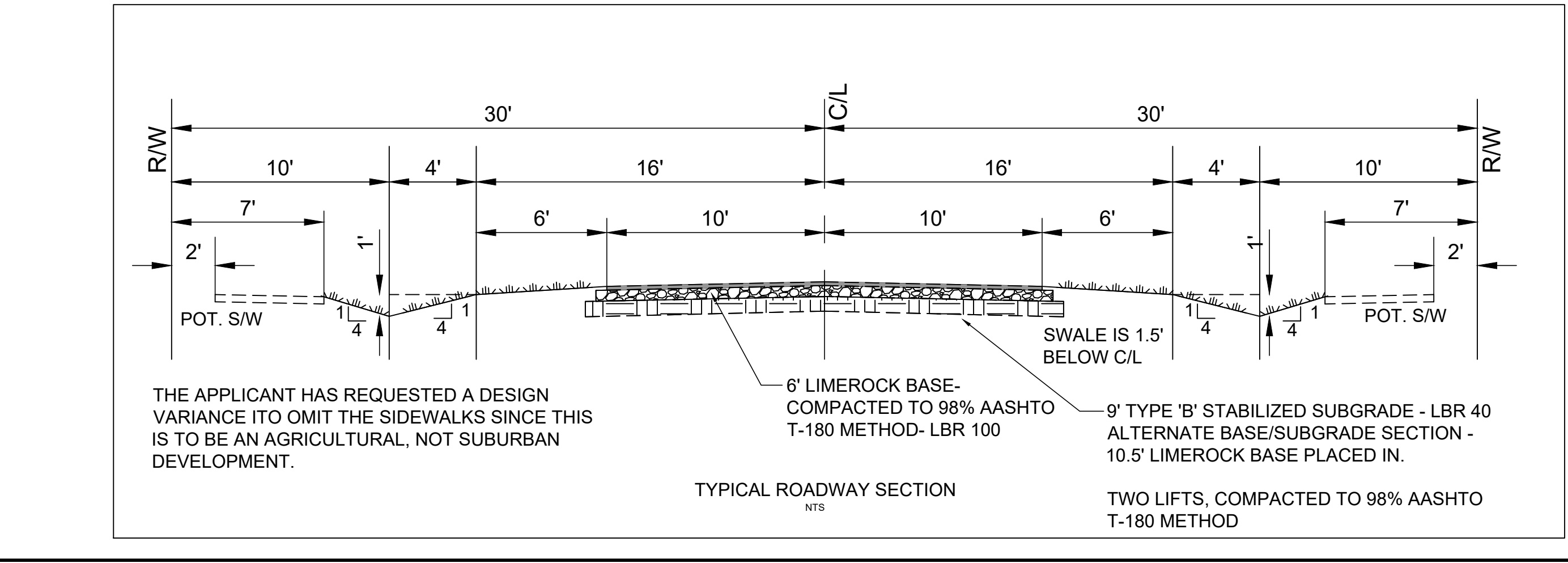
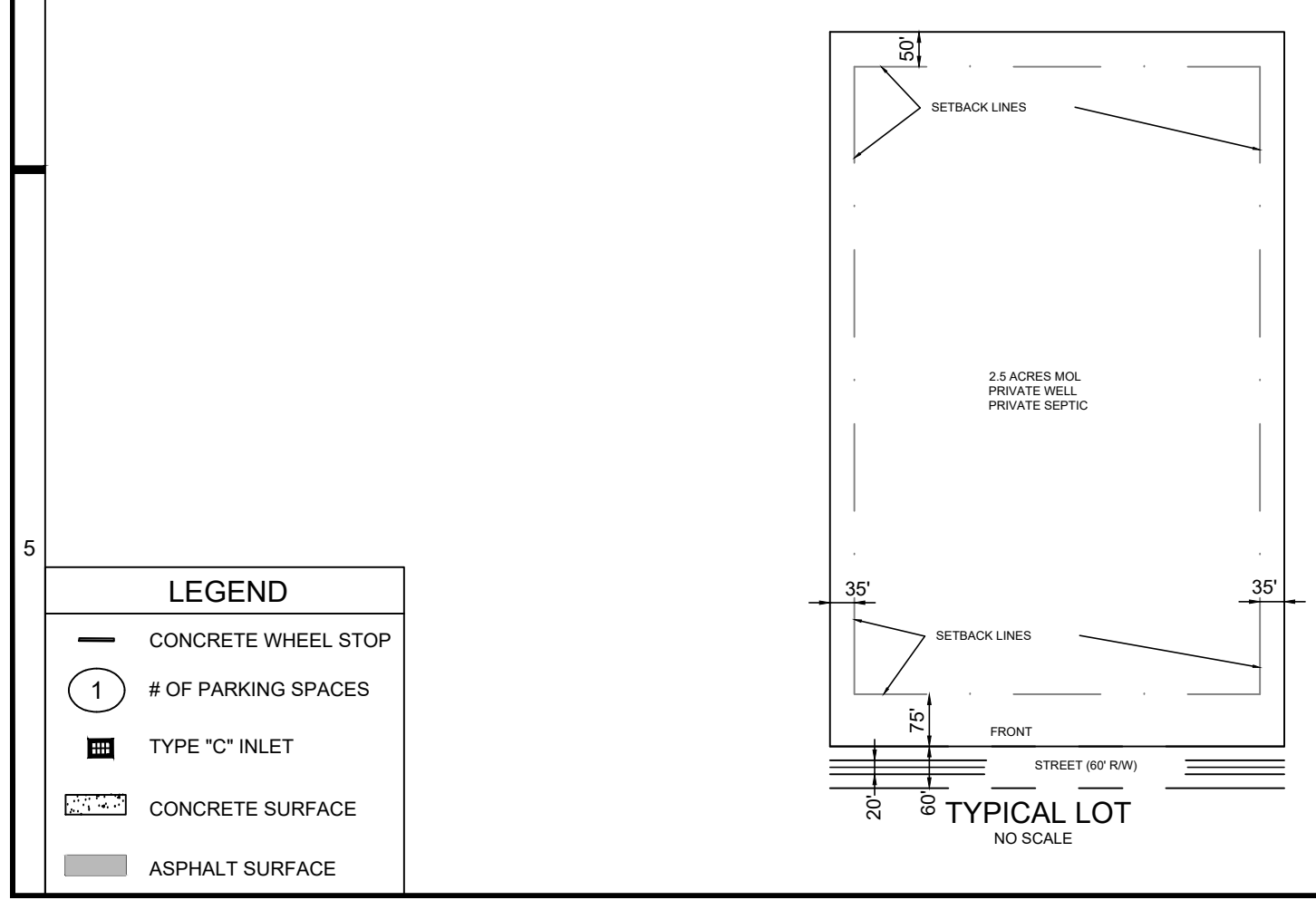
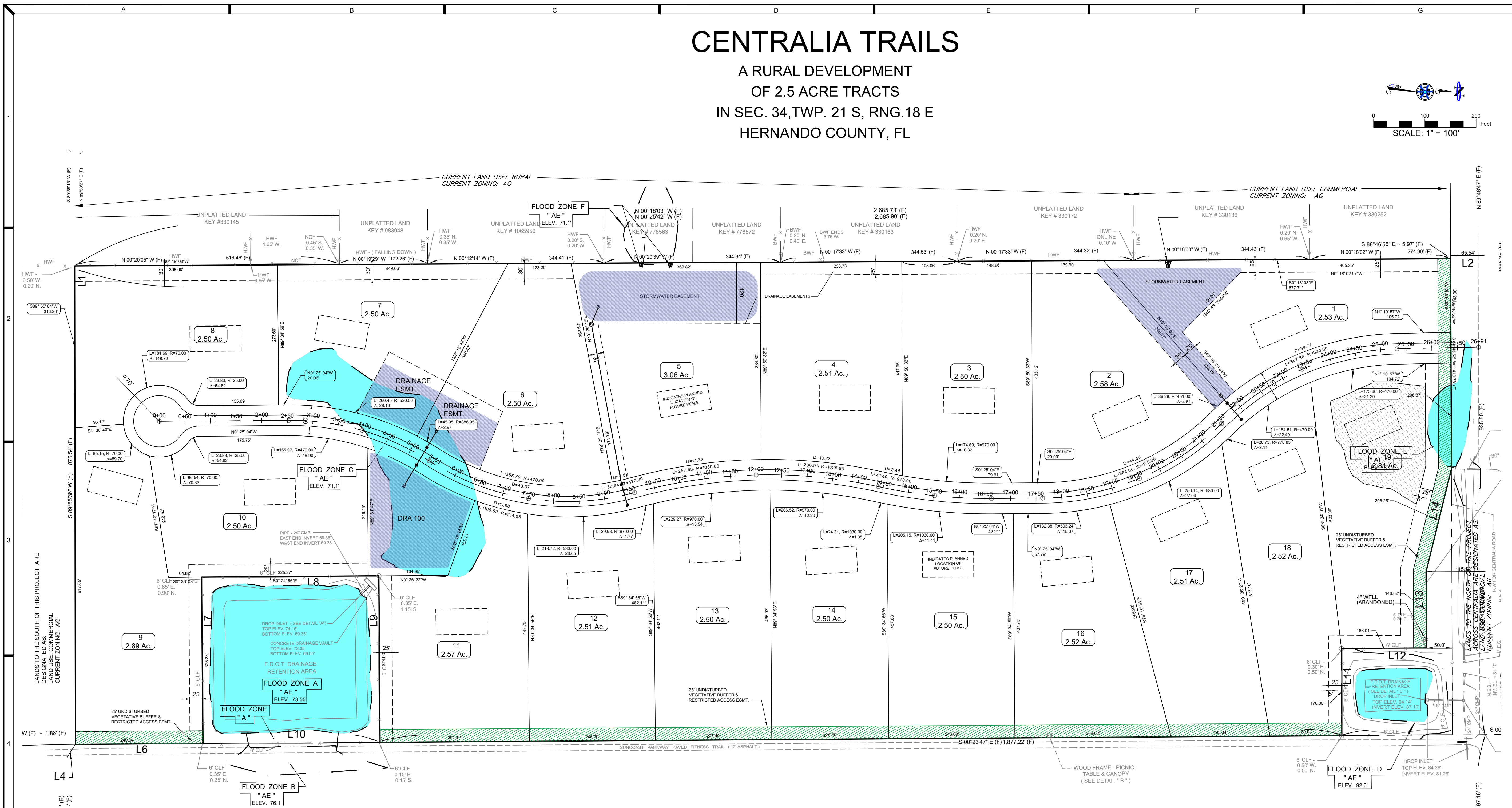
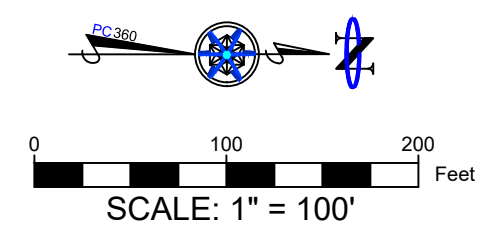
PROCVIL 360
CIVIL ENGINEERING/RESIDENTIAL & COMMERCIAL SITE DEVELOPMENT / PLANNING & ZONING / PERMITTING / CONSTRUCTION SERVICES

12 SOUTH MAIN STREET, BROOKSVILLE, FL 34601 PHONE: (352) 583-4255 WWW.PROCVIL360.COM

DRAWN BY: AKG		DATE: 6/14/23		SCALE: AS NOTED	
CHECKED BY: LGB		DATE: 6/14/23		SCALE: AS NOTED	
DESIGNED BY: LGB		DATE: 6/14/23		SCALE: AS NOTED	
PROJECT NO: 22056		SHEET NO: 3		OF 10	

CENTRALIA TRAILS

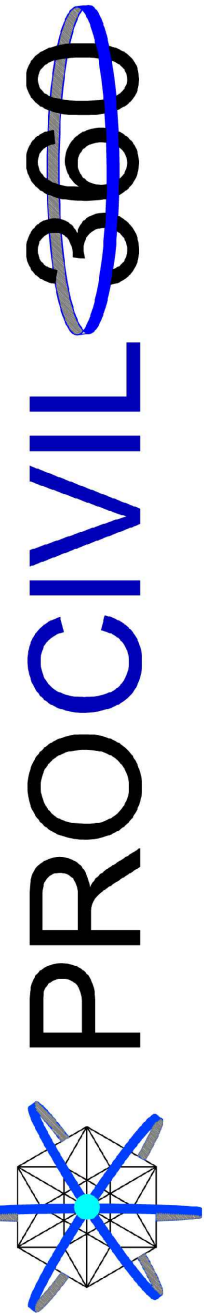
A RURAL DEVELOPMENT
OF 2.5 ACRE TRACTS
IN SEC. 34, TWP. 21 S, RNG. 18 E
HERNANDO COUNTY, FL



- DEVELOPMENT NOTES:**
- THE TOTAL AREA OF DEVELOPMENT IS 53.9 AC.
 - THE PROPOSED NUMBER OF LOTS IS 18.
 - THE PROPOSED DENSITY IS 18 / 53.9 = 0.33 DU/AC.
 - LOTS ABUTTING THE SUNCOAST PARKWAY AND CENTRALIA ROAD SHALL CARRY 25' BUFFERS AND RESTRICTIVE ACCESS EASEMENTS ALONG THE RIGHT-OF-WAY.
 - DURING DEVELOPMENT AND PERMITTING, ADD'L EASEMENTS MAY BE REQUIRED FOR STORMWATER STORAGE.
 - ALL LOTS ARE TO BE SERVED BY INDIVIDUAL WELLS.
 - ALL LOTS ARE TO BE SERVED BY INDIVIDUAL SEPTIC SYSTEMS.
 - ROADWAY IMPROVEMENTS SHALL MEET HERNANDO COUNTY HCFDGD.
 - THE APPROVAL OF THIS PLAN REQUIRES A VARIANCE IN THE LENGTH OF A DEAD-END STREET BY HERNANDO COUNTY STANDARDS. THE APPROVAL OF THIS MASTER PLAN SHALL CONSTITUTE SUCH APPROVAL.
 - THIS DEVELOPMENT SHALL GENERATE APPROXIMATELY 19 PEAK HOUR TRIPS.
 - ROADWAY CONNECTION TO CENTRALIA ROAD REQUIRES A RIGHT-OF-WAY USE PERMIT THROUGH HERNANDO COUNTY PUBLIC WORKS.
 - THERE SHALL BE NO ACCESS, TEMPORARY OR PERMANENT TO THE SUNCOAST PARKWAY.
 - THE MAXIMUM HEIGHT OF ANY BUILDING SHALL BE LIMITED TO 45 FEET.

CENTRALIA TRAILS
HERNANDO COUNTY

SITE PLAN



CIVIL ENGINEERING/RESIDENTIAL & COMMERCIAL SITE
DEVELOPMENT / PLANNING & ZONING / PERMITTING /
CONSTRUCTION SERVICES

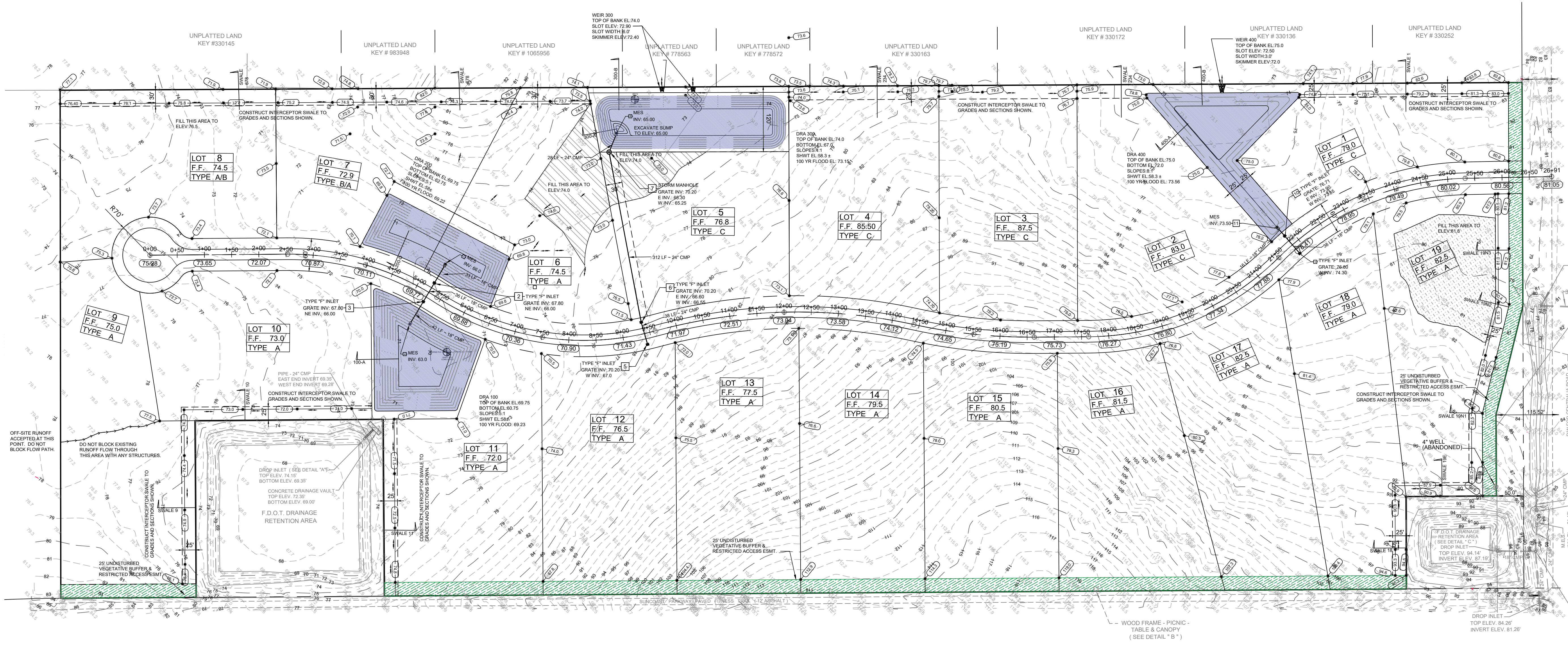
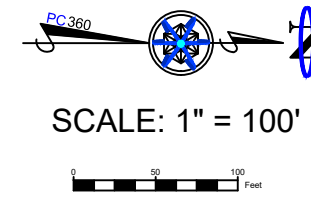
12 SOUTH MAIN STREET, BROOKSVILLE, FL 34601 PHONE: (352) 593-4255 WWW.PROCIVIL360.COM

DIGITALELECTRONIC SIGNATURE NOTE: LARRY G. BOONE, P.E., STATE OF FLORIDA PROFESSIONAL ENGINEER NO. 14170 AND SEAL NO. 14170 LARRY G. BOONE, P.E., STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR NO. 14170 AND SEAL NO. 14170 THIS PLAN HAS BEEN PREPARED BY THE ENGINEER OR SURVEYOR AND THE SIGNATURES AND SEALS HAVE BEEN VERIFIED BY AN ELECTRONIC COPIES.	
PWDRAWN BY: AKG	EXAMINED AND APPROVED DATE:
SCALE: AS NOTED	LARRY G. BOONE, P.E. P.E. #14970
DATE: 6/14/23	
SEC: 34	
TWP: 21	
RANGE: 18E	
JOB NUMBER: 22046	
SHEET NO. 4 OF 10	

CENTRALIA TRAILS

A RURAL DEVELOPMENT
OF 2.5 ACRE TRACTS
IN SEC. 34, TWP. 21 S, RNG. 18 E
HERNANDO COUNTY, FL

DATUM:
BENCHMARKS FOR PROPERTY TAKEN FROM
FOUND F.D.O.T. MONUMENTS ALONG THE
SUNCOAST PARKWAY AND ARE ON NAVD 1988
DATUM.



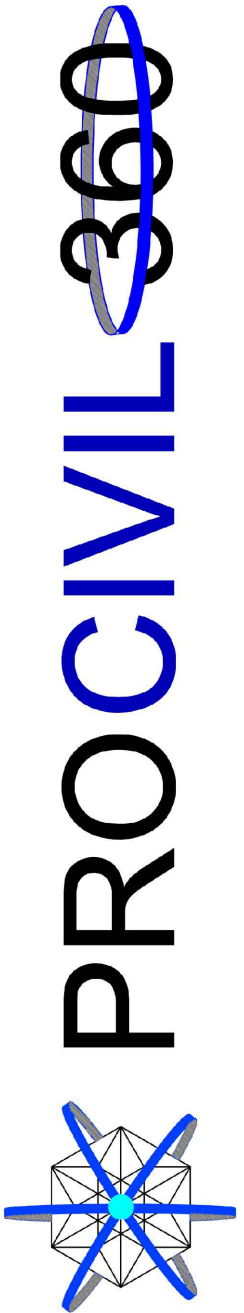
NOTE: BOUNDARY LINES, INSIDE
CONTOURS, AND TREES ARE FROM
COFFIN McLEAN SURVEYING. INFO OUTSIDE
THE BOUNDARY INCLUDING FLOOD LINES,
AND FLOOD ZONES SHOWN ON THIS MAP
ARE TAKEN FROM SWFWMD GIS
INFORMATION

LEGEND	
	STORM MANHOLE
	MITERED END SECTION
	TYPE "F" INLET
	PROPOSED SPOT GRADE
	ASPHALT SURFACE

STATE ROUTE # 589 (AKA: SUNCOAST PARKWAY)

CENTRALIA TRAILS
HERNANDO COUNTY

DRAINAGE/GRADING PLAN

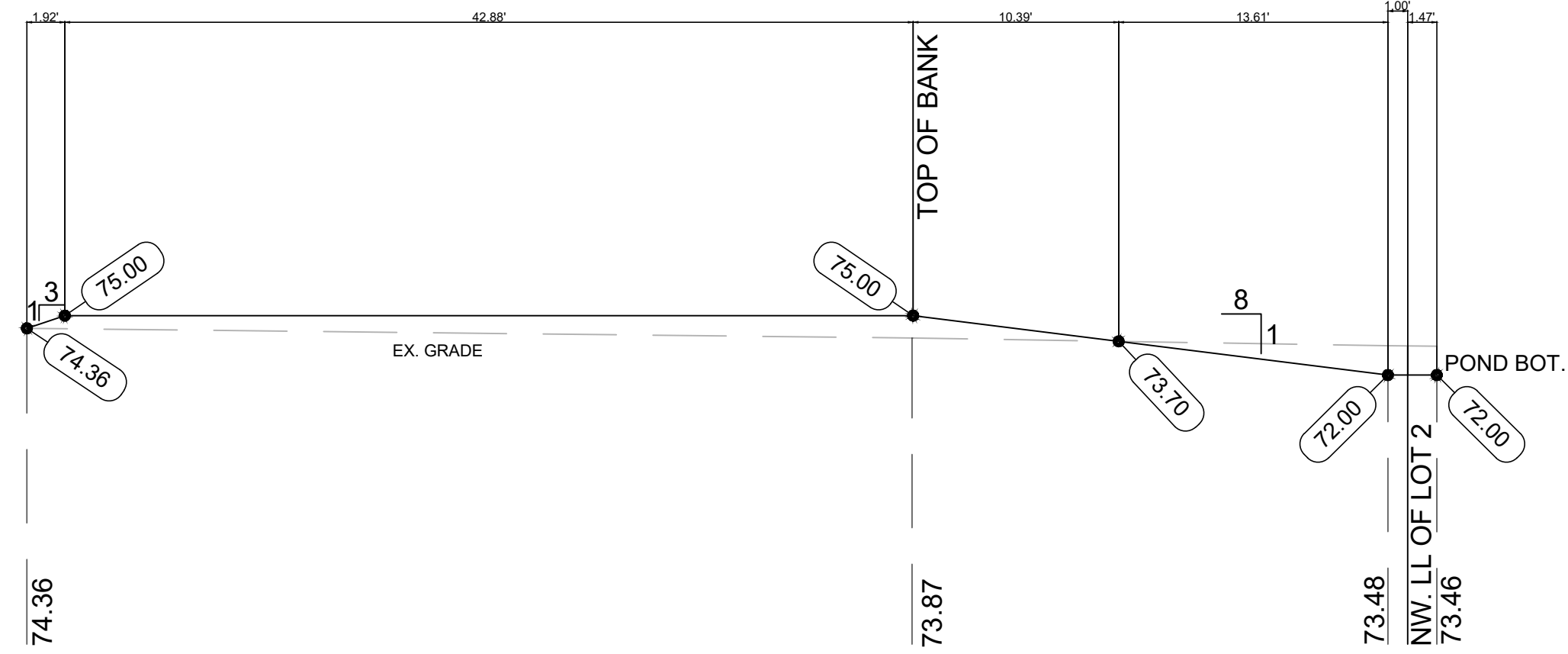
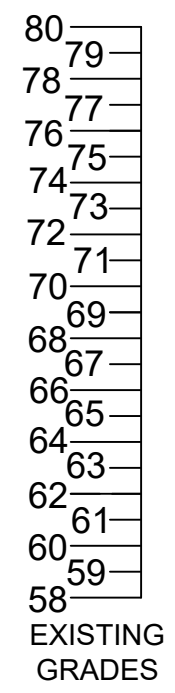


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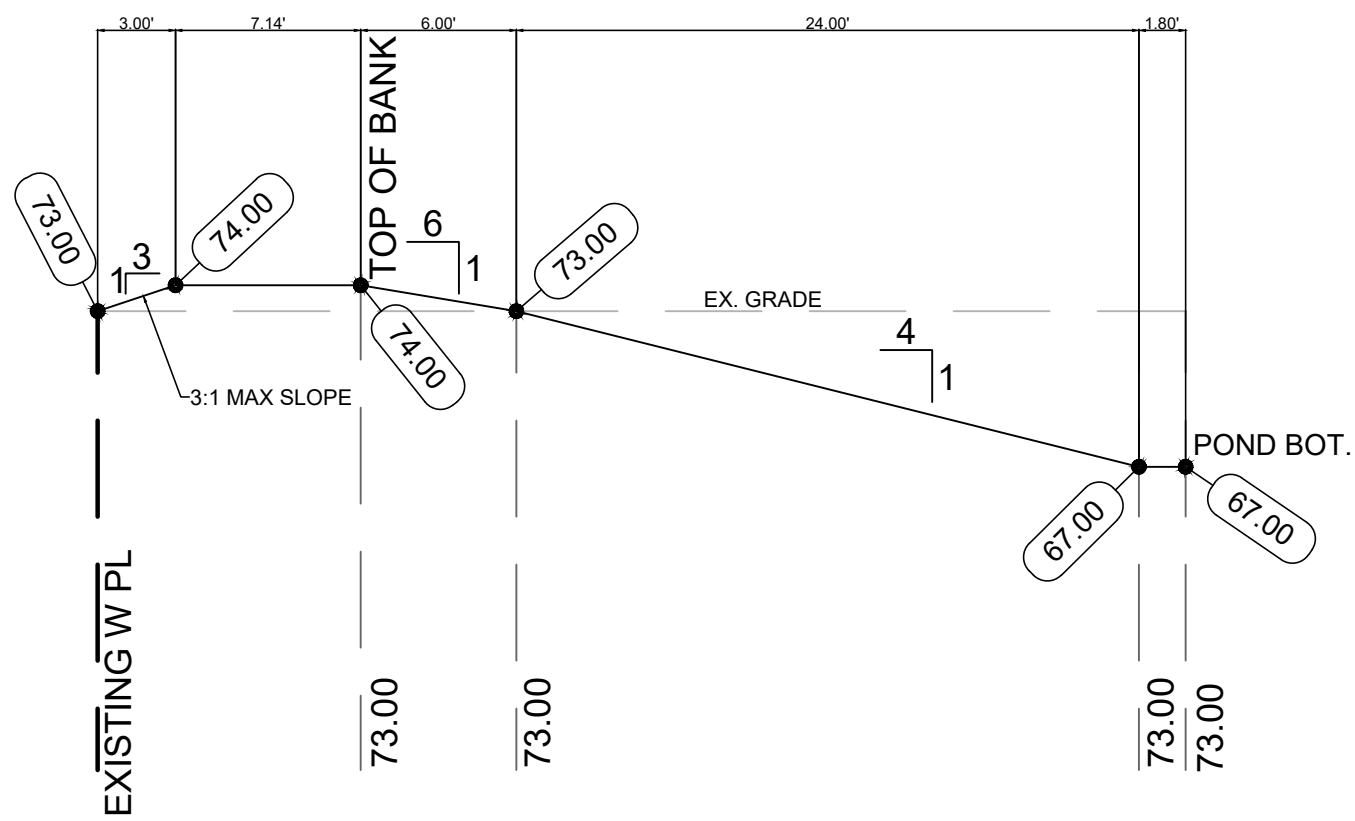
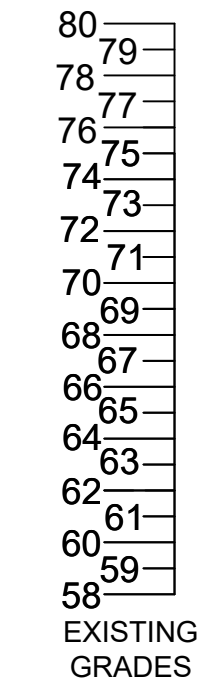
12 SOUTH MAIN STREET, BROOKSVILLE, FL 34601 PHONE: (352) 583-4255 WWW.PROCVIL360.COM

DIGITALELECTRONIC SIGNATURE NOTE: LARRY G. BOONE, P.E., STATE OF FLORIDA, PROFESSIONAL ENGINEER NO. 49170, HAS REVIEWED AND SEALED BY LARRY G. BOONE, ON THE DATE INDICATED HEREIN, PRINTED SCALE AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.	
DATE: 6/14/23	DATE: 6/14/23
SCALE: AS NOTED	SCALE: AS NOTED
SEC: 34	SEC: 34
TWP: 21	TWP: 21
RANGE: 18E	RANGE: 18E
JOB NUMBER: 22056	JOB NUMBER: 22056
DATE: 6/14/23	DATE: 6/14/23
EXAMINED AND APPROVED	EXAMINED AND APPROVED
LARRY G. BOONE, P.E.	LARRY G. BOONE, P.E.
P.E.#49170	P.E.#49170

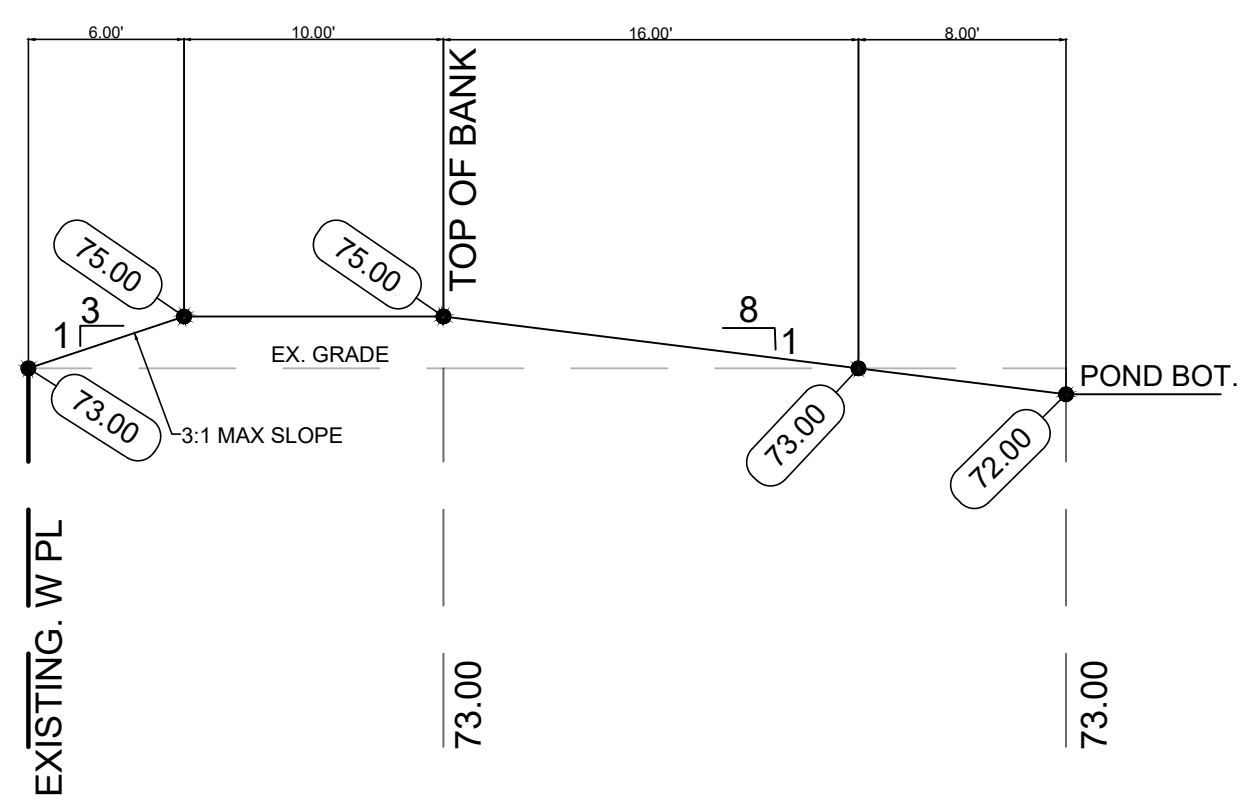
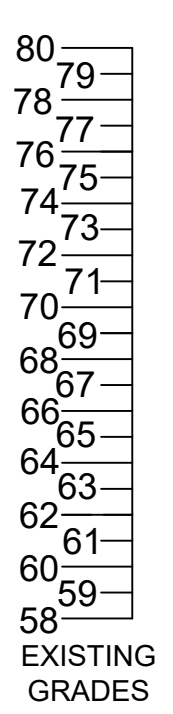
SHEET NO. 5 OF 10



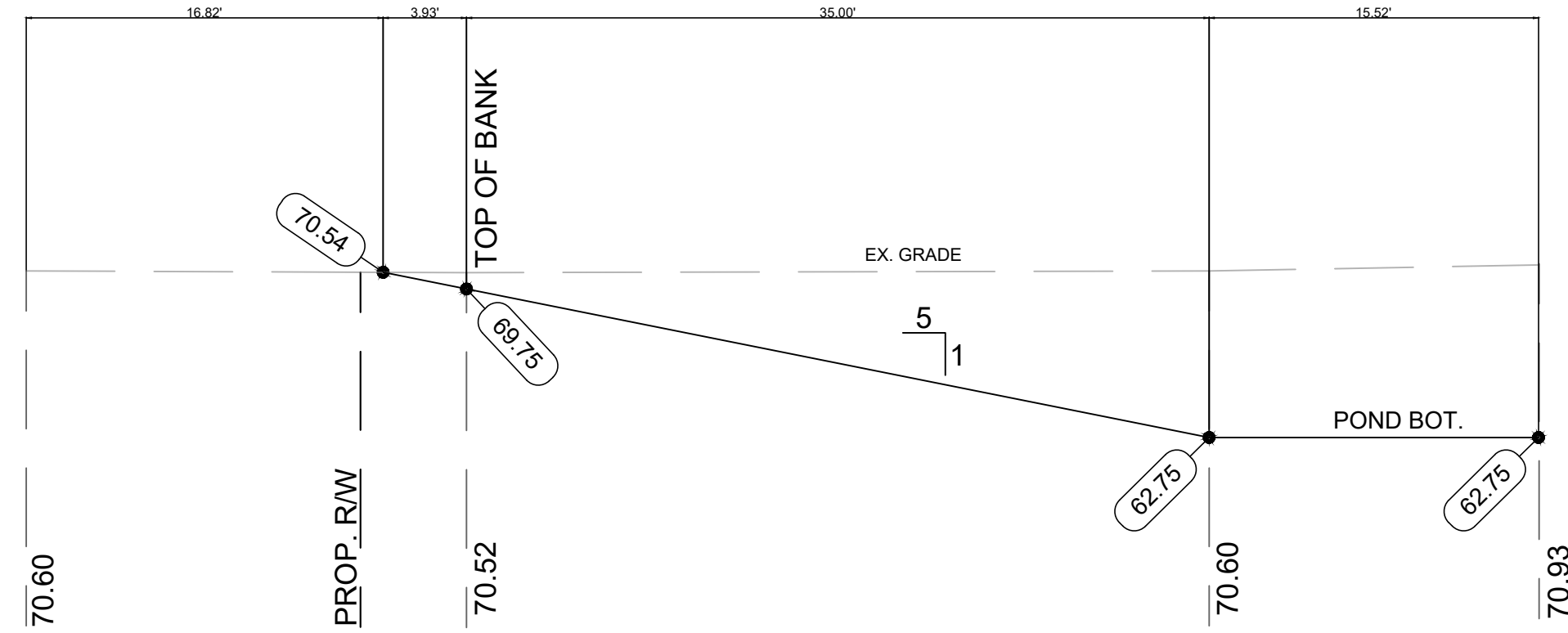
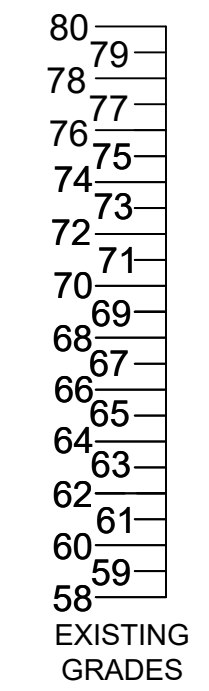
POND 400 A
NTS



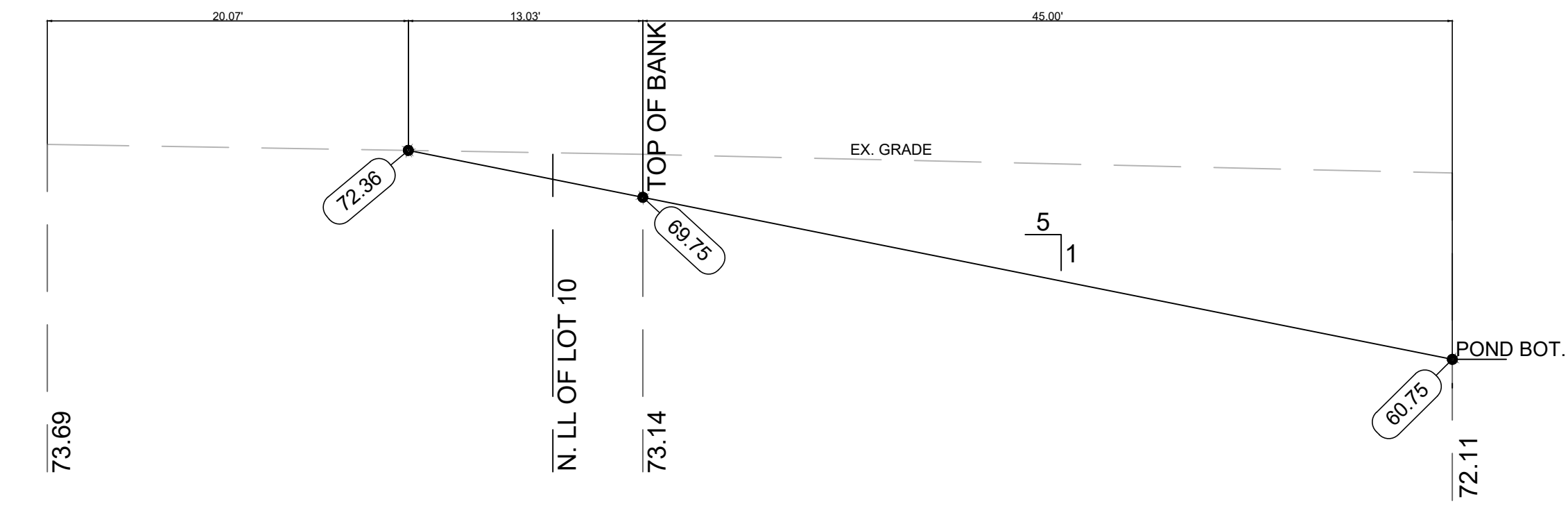
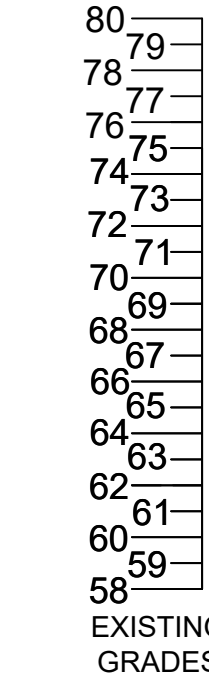
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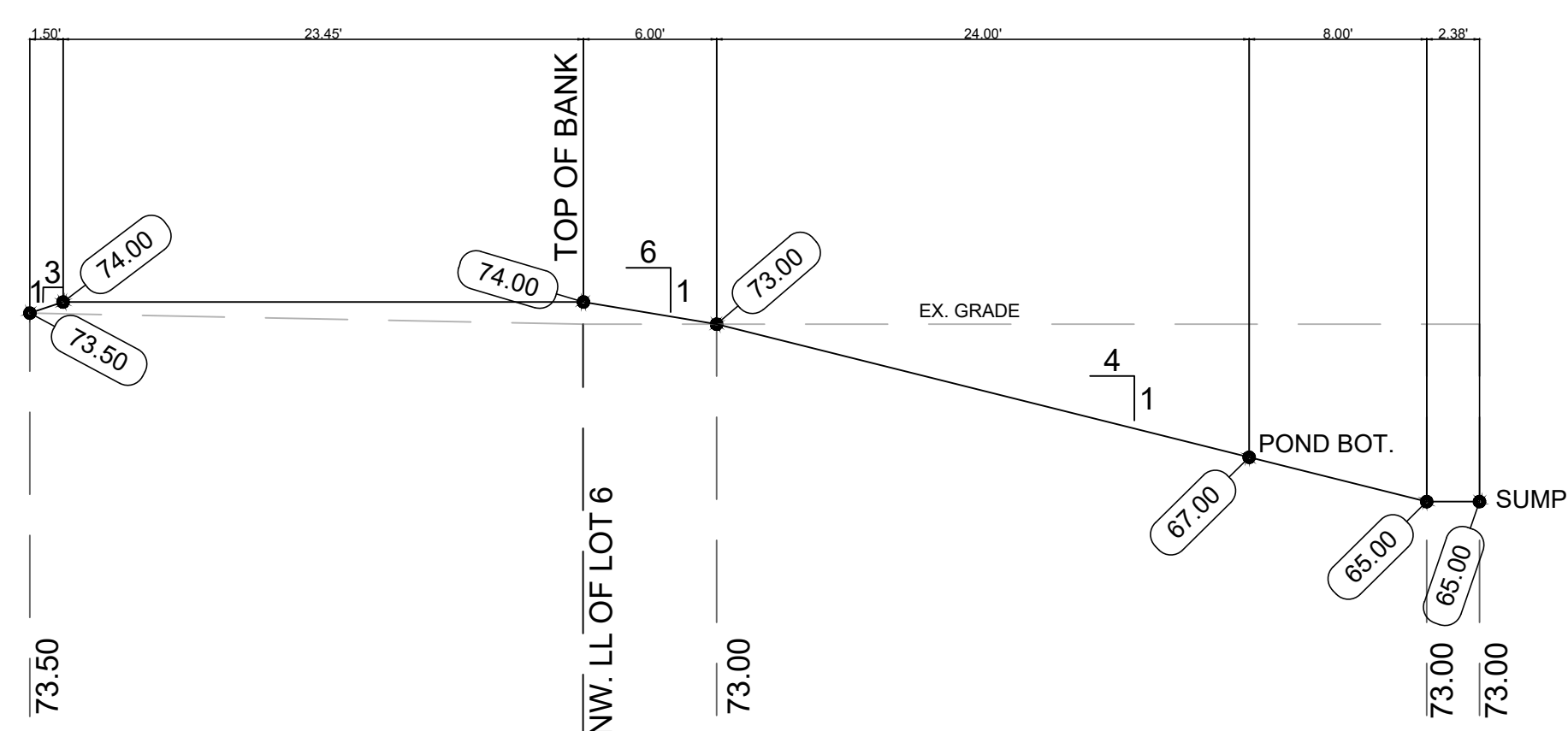
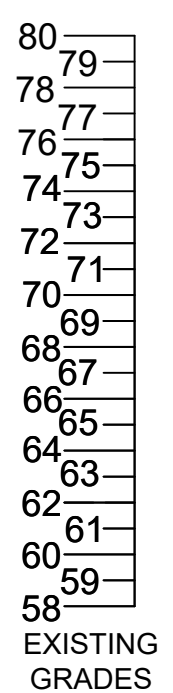
POND 400 B
NTS



POND 200
NTS

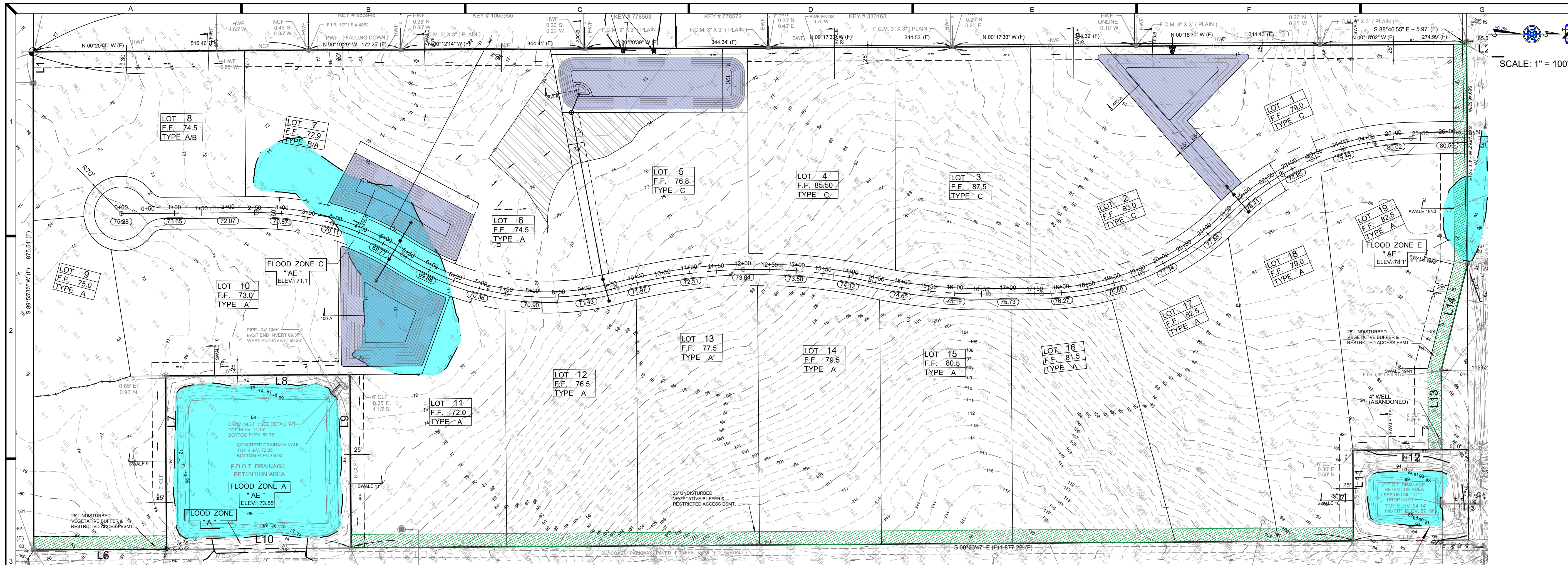


POND 100
NTS



POND 300 A
NTS

		CENTRALIA TRAILS HERNANDO COUNTY	
CIVIL ENGINEERING/RESIDENTIAL & COMMERCIAL SITE DEVELOPMENT / PLANNING & ZONING / PERMITTING / CONSTRUCTION SERVICES		SITE SECTIONS 2	
DIGITALELECTRONIC SIGNATURE NOTE: LARRY G. BOONE, P.E., STATE OF FLORIDA, PROFESSIONAL ENGINEER NO. 44740, HAS REVIEWED AND SEALED BY LARRY G. BOONE, ON THE DATE INDICATED HEREIN. PRINTED AND ELECTRONIC SIGNATURES MUST BE VERIFIED ON ANY ELECTRONIC COPIES.		LARRY G. BOONE, P.E. P.E.#44740 EXAMINED AND APPROVED DATE:	
PWDRAWN BY: AKG	SCALE: AS NOTED	DATE: 6/14/23	JOB NUMBER: 22046
SEC.: 34	TWP.: 21	RANGE: 18E	SHEET NO. 7
12 SOUTH MAIN STREET, BROOKSVILLE, FL, 34601 PHONE - (352) 593-4255 WWW.PROCIVIL360.COM			REV. BY DATE
User Name: adica Plot Date: Jun 14, 2023 - 11:23am Drawing Name: W:\PROCIVIL\2022 Projects\PRO22046 - Centralia Trails\22046ste3.dwg			10



NO.	DESCRIPTION	REVISION HISTORY	REV. BY	DATE

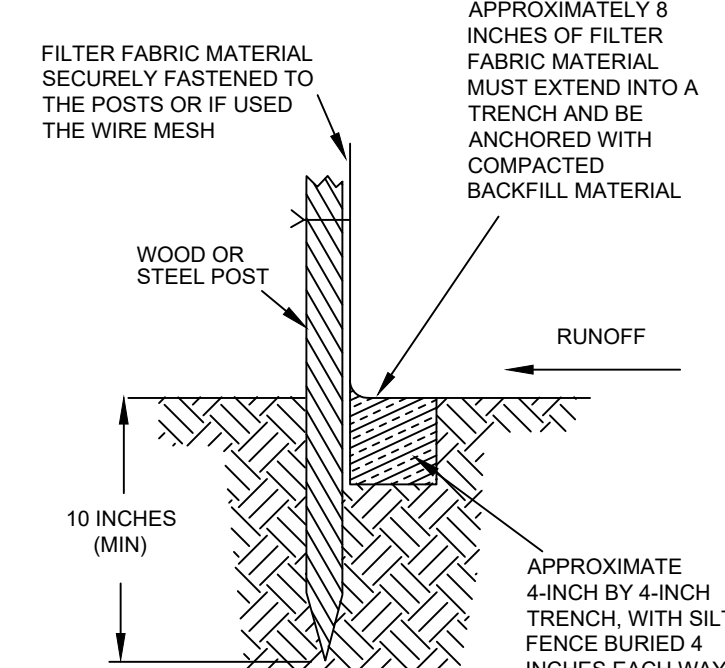
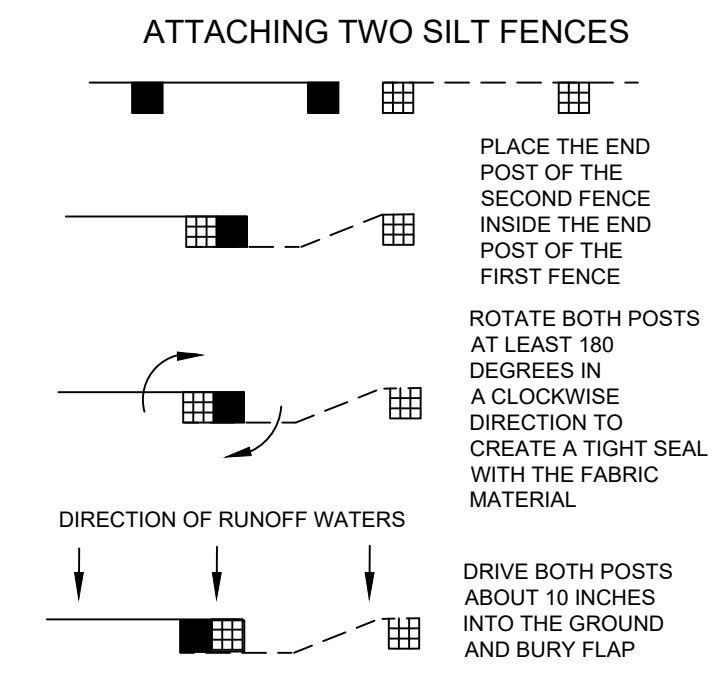
**CENTRALIA TRAILS
HERNANDO COUNTY
CSWMP PLAN**

CENTRALIA TRAILS
A RURAL DEVELOPMENT
OF 2.5 ACRE TRACTS
IN SEC. 34, TWP. 21 S, RNG. 18 E
HERNANDO COUNTY, FL

PROCVIL 360

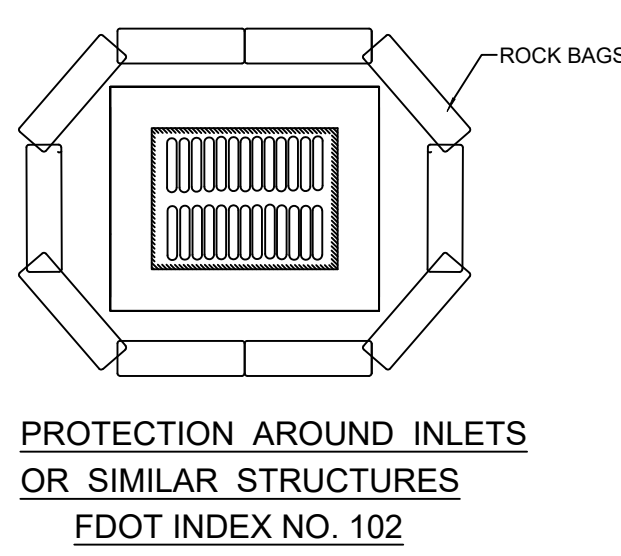
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NOTES:
-FOR ADDITIONAL INFORMATION AND DETAILS, SEE FDOT INDEX NO. 102.
-UNLESS SPECIFIED, HAY BARRIERS MAY BE USED IN LIEU OF SILT FENCES.
-ADDITIONAL POSTS AND RAILS MAY BE NECESSARY TO SECURE AND SUPPORT BARRIERS.
-ADDITIONAL FENCE LENGTHS MAY BE REQUIRED BY THE COUNTY ENGINEER OR BY REGULATORY AGENCIES.
-TYPE-III NORMALLY USED, WHERE REQUIRED
-TYPE-IV USED WHERE LARGE SEDIMENT LOADS ANTICIPATED, SEE FDOT INDEX 102

DO NOT DEPLOY IN A MANNER SO THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS ARE TO BE USED AT PERMANENT BODIES OF WATER.



FDPE / NPDES CONSTRUCTION NOTES:

- PROPOSED SITE DEVELOPMENT OF CENTRALIA TRAIL
- THE SITE SHALL BE PREPARED AS FOLLOWS
 - ERECTOR OF SILT PREVENTION MEASURES
 - CLEARING & GRUBBING
 - EXCAVATION & UTILITY INSTALLATION
 - ROUGH GRADING
 - SUB-BASE & BASE PREPARATION, ASPHALT & CONCRETE CONSTRUCTION
 - FINAL GRADING
 - SODDING, SEEDING & MULCHING & FINAL PLANTING
- SEE SITE NOTES, ON SITE PLAN FOR TOTAL SITE AREA.
- THE SOILS WHICH EXIST ON THE SITE ARE "A/C" TYPE SOILS (CANDLERWILLISTON), ACCORDING TO THE UNITED STATES DEPARTMENT OF AGRICULTURE, SOILS CONSERVATION SERVICES.
- THE CONTRACTOR SHALL ERECT ALL EROSION CONTROL MEASURES AS INDICATED ON THE DRAINAGE PLAN, OR OTHER PLANS WITHIN THE CONSTRUCTION PLAN, INCLUDING BUT NOT LIMITED TO SILT FENCE, HAY BALES AND TURBIDITY BARRIERS. ALL TURBIDITY BARRIERS SHALL BE MAINTAINED AND INSPECTED DURING CONSTRUCTION BY A "QUALIFIED INSPECTOR". UPON ESTABLISHMENT OF AT A MINIMUM OF 70% OF FINAL GROUND COVER ALL TURBIDITY BARRIERS SHALL BE PROPERLY REMOVED BY THE CONTRACTOR.
- FINAL GROUND COVER PLACEMENT SHALL BEGIN PROMPTLY UPON COMPLETION OF FINAL GRADING, NO LATER THAN 7 DAYS AFTER COMPLETION OF FINAL GRADING TO MINIMIZE THE IMPACT OF OFFSITE RUNOFF.
- BASINS SHALL HAVE ALL DISTURBED AREAS DIVERTED TO DRAIN TO THEM, THE MINIMUM SIZE OF THIS SEDIMENT IN AREAS OF 10 ACRES OR GREATER, SEDIMENTATION BASINS ARE REQUIRED. THE SEDIMENTATION BASIN OR DETENTION BASIN SHALL BE 3,600 CUBIC FEET PER ACRE. THE CONTRACTOR SHALL DESIGN SUCH SEDIMENTATION BASINS AND CONTROLS BASED ON HIS CONSTRUCTION METHODS, OR SHALL RETAIN A REGISTERED ENGINEER AS NECESSARY TO COMPLETE THE DESIGN.
- SHOULD FINAL RETENTION AREAS PROPOSED FOR USE AS FINAL DRAINAGE RETENTION AREAS, BE USED FOR TEMPORARY SEDIMENTATION BASINS, CARE SHALL BE GIVEN TO REMOVE ALL SEDIMENTATION PRIOR TO COMPLETION OF CONSTRUCTION.
- CONSTRUCTION DEBRIS SHALL BE PROPERLY CONTROLLED TO LOCAL GOVERNMENT ORDINANCES AND LAWS, AND SILT NOR DEBRIS FROM CONSTRUCTION SHALL BE DISCHARGED FROM THE SITE.
- ALL DISTURBED AREAS SHALL BE SPRINKLED AS NECESSARY TO MINIMIZE THE TRANSMISSION OF DUST, VIA WIND OR RAIN.
- ALL FERTILIZERS, HERBICIDES AND PESTICIDES SHALL BE APPLIED PER MANUFACTURERS RECOMMENDATION, AND RUNOFF OF SUCH SHALL NOT DISCHARGE OFF-SITE. SHOULD THESE DISCHARGES OCCUR, THEY SHALL BE REPORTED TO THE LOCAL GOVERNMENT AGENCY RESPONSIBLE FOR HAZARDOUS MATERIAL CLEAN UP.
- THE SITE SHALL BE INSPECTED BY A QUALIFIED INSPECTOR AT LEAST ONCE EVERY SEVEN DAYS, OR WITHIN 24 HOURS AFTER 1/2" OF RAINFALL, AT THESE LOCATIONS, STORAGE AREAS, DISCHARGE AREAS OF THE SITE, SURFACE WATER, DISTURBED AREAS, AREAS EQUIPMENT ENTERS AND EXITS THE SITE AND STRUCTURAL AREAS.
- BASED ON THIS WEEKLY OR RAINFALL INSPECTION, REPAIRS TO ALL EROSION CONTROL AND GRADED AREAS SHALL OCCUR WITHIN 7 DAYS.
- REPORTS SUMMARIZING THE INSPECTIONS AND WHOM THEY HAVE BEEN COMPLETED BY, ALONG WITH RECORDS OF THESE INSPECTIONS AND REPORTS SHALL BE KEPT ON-SITE AND SHALL INCLUDE RAINFALL DATA. THESE RECORDS UPON COMPLETION OF THE JOB SHALL BE MAINTAINED WITH JOB RECORDS.
- ANY STORM WATER MAINTENANCE PLANS PREPARED BY OR FOR THE CONTRACTOR DURING CONSTRUCTION SHALL CLEARLY BE MARKED WITH THE CONTRACTOR AND SUBCONTRACTORS NAME AND ADDRESS.
- THE CONTRACTOR SHALL SIGN A CERTIFICATION STATEMENT, BEFORE CONDUCTING ANY ACTIVITIES ON THE SITE, IN ACCORDANCE WITH SECTION 403.0885, FLORIDA STATUTES. THESE STATEMENTS ARE AVAILABLE, AT PROCVIL360 352-593-4255.

CSWMP PLAN SIGNATURE

CONTRACTOR

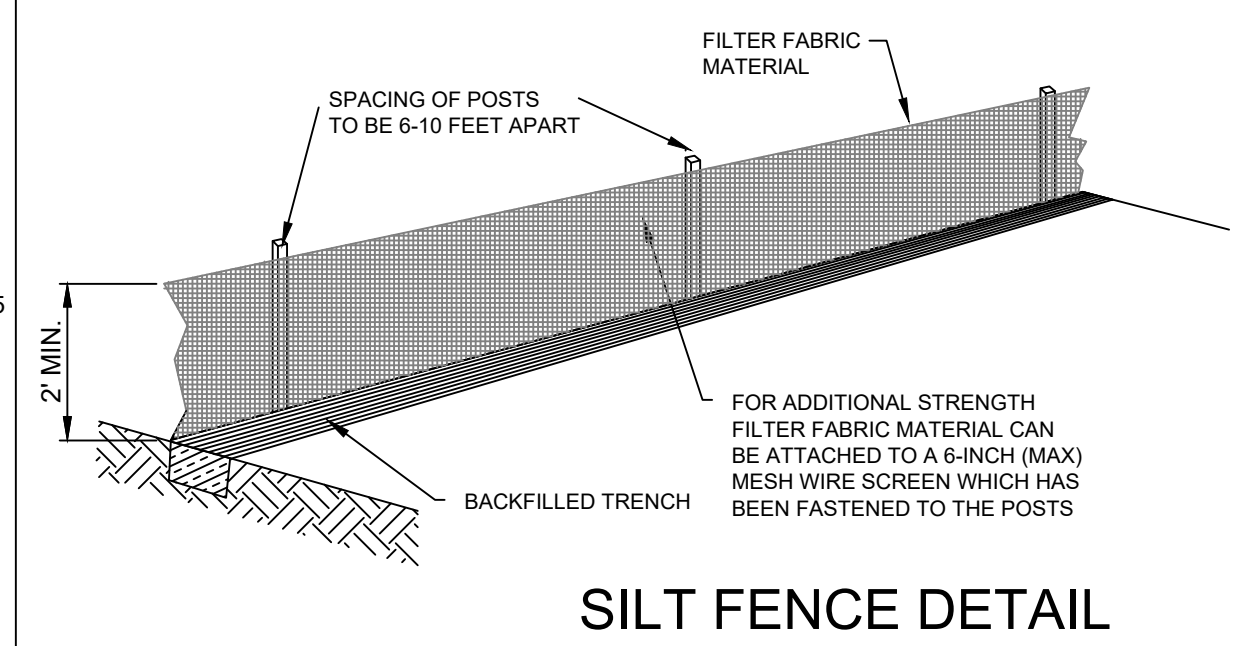
DATE:

CONSTRUCTION NOTES:

HERNANDO COUNTY & SWFWMD REQUIRE THE SUBMISSION OF AS-BUILTS WITHIN 30 DAYS OF COMPLETION OF CONSTRUCTION, FOR FINAL PERMIT APPROVAL ("TRANSFER TO OPERATION"). THIS AS-BUILT INFORMATION MUST BE CERTIFIED BY THE ENGINEER OF RECORD, TO ENSURE SUBSTANTIAL COMPLIANCE WITH THE PERMITTED PLANS. TO ASSIST WITH THIS PROCESS, THE ENGINEER WILL NEED TO MAKE PERIODIC VISITS TO THE SITE. THESE VISITS SHALL BE MADE AS FOLLOWS:

- AFTER DRAINAGE STRUCTURES HAVE BEEN PLACED AND PRIOR TO BACK FILLING.
- AFTER LIMEROCK HAS BEEN PLACED AND COMPACTED FOR FINAL PAVING.
- AFTER FINAL GRADE PRIOR TO SOD PLACEMENT.
- UPON COMPLETION OF THE SITE AND SUBMISSION, OF AN AS-BUILT SURVEY SIGNED AND SEALED BY A REGISTERED LAND SURVEYOR.

TO ASSIST US WITH THE TIMING OF THESE INSPECTIONS, PLEASE CONTACT PROCVIL360, LLC (352) 593-4255, 24 HOURS IN ADVANCE OF THE INSPECTION.



DRAWN BY: ANG

SCALE: AS NOTED

DATE: 6/14/23

SEC: 04

TWP: 21

RANGE: 18E

JOB NUMBER: 220496

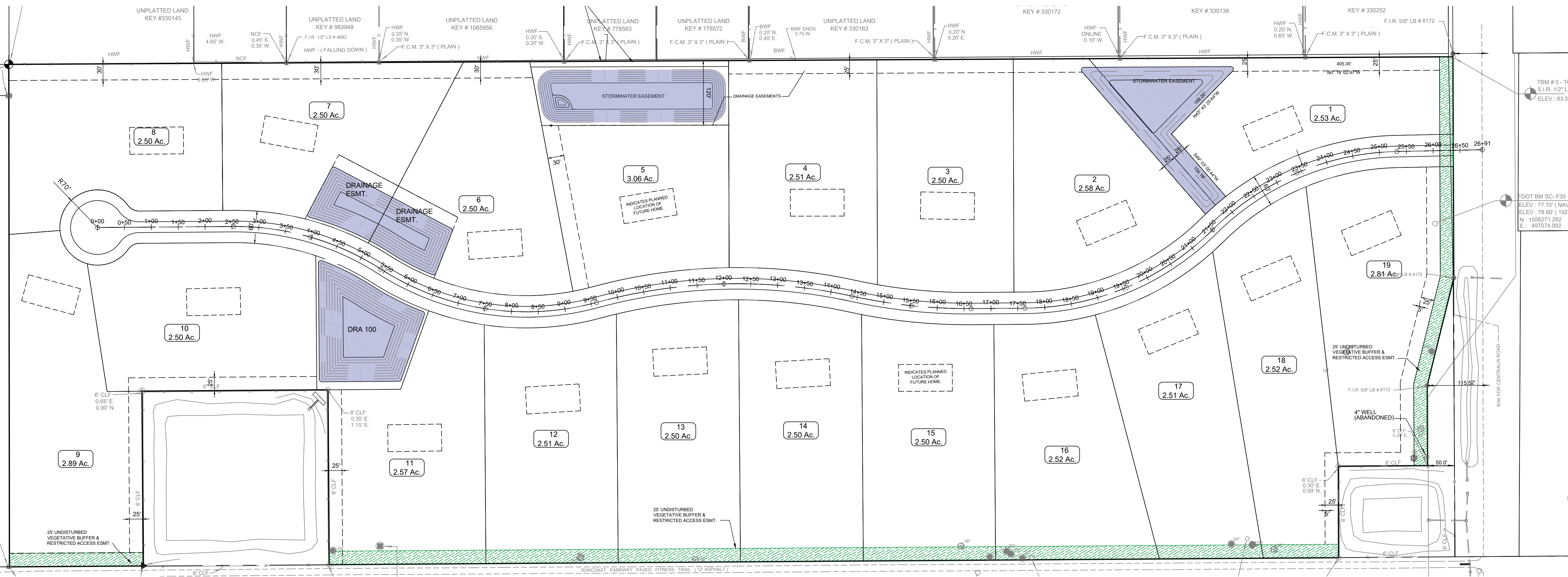
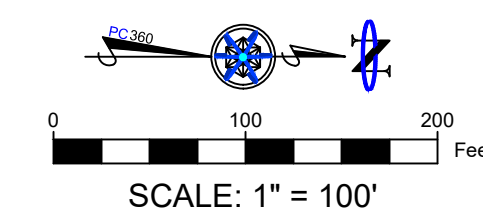
SHEET NO. 8 OF 10

EXAMINED AND APPROVED DATE:

LARRY G. BOONE, P.E. P.E. #49470

CENTRALIA TRAILS

A RURAL DEVELOPMENT
OF 2.5 ACRE TRACTS
IN SEC. 34, TWP. 21 S, RNG. 18 E
HERNANDO COUNTY, FL



EACH LOT BEING AT ABOUT 2.5 AC. MEANS ABOUT 30 TREES NEED TO BE PLANTED

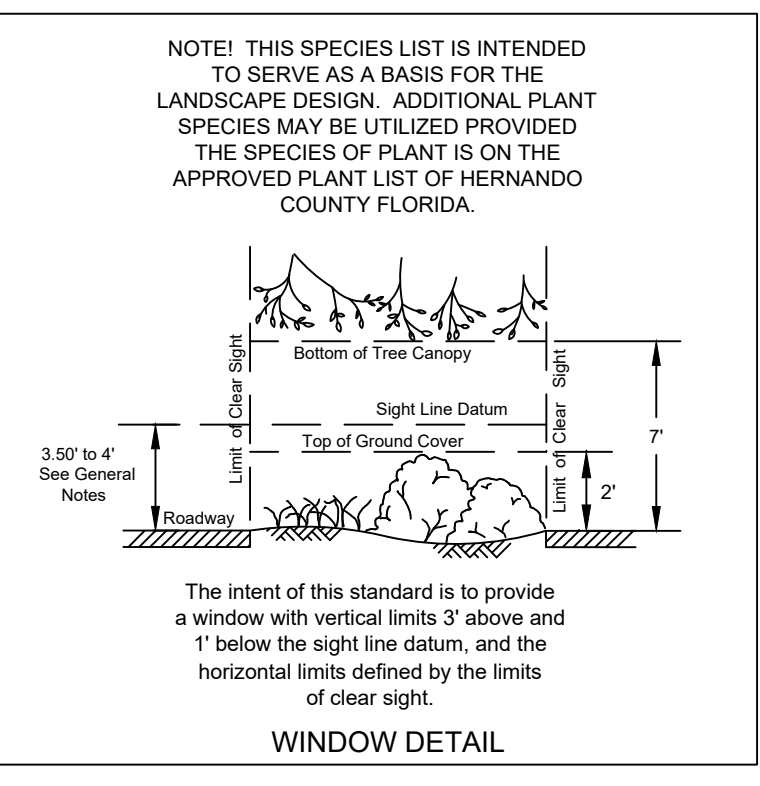
BELOW IS JUST A SUGGESTED LANDSCAPE SPECIES LIST FOR THE PROPOSED TREES AND SHRUBS. THE COUNTY HAS MANY MORE APPROVED OPTIONS FOUND ONLINE @ <https://sfl.usf.edu/media/sfl/usf/edu/hermando/landscaping-and-garden/acceptable-tree-list-final-2019.pdf>
<https://sfl.usf.edu/media/sfl/usf/edu/hermando/landscaping-and-garden/acceptable-tree-list-final-2019.pdf>

TREES PRESERVED	TREE CREDITS	PRESERVED TREE SIZE IN DBH INCHES	REDUCTION IN PLANTED TREE REQUIREMENT
??	??	3" UP TO BUT NOT INCLUDING 6"	15 TREES PER AC ONLY
??	??	6" UP TO BUT NOT INCLUDING 9"	ONE LESS TREE
??	??	9" UP TO BUT NOT INCLUDING 12"	TWO (2) LESS TREES
??	??	12" UP TO BUT NOT INCLUDING 18"	THREE (3) LESS TREES
??	??	18" UP TO BUT NOT INCLUDING 24"	FOUR (4) LESS TREES
??	??	24" AND ABOVE	MUST BE PRESERVED
TOTAL ??	TOTAL ??	TABLE FROM PER SEC. 10-24. TREE PLANTING	
?? = TOTAL PROJECT CREDITS			

THERE SHALL BE AT A MINIMUM, 15 TREES PER ACRE OVERALL.
?? ACRES x 15 = ?? TREES MINIMUM.
MITIGATION TREES REQUIRED FROM TREES REMOVED= ?? *
?? * 3" TYPICAL REPLACEMENT = ?? TREES REQUIRED FOR MITIGATION
?? TREES (15 TREES PER AC. REQ.) + ?? TREES (MITIGATION TREES REQ.) = ??
?? TREES REQUIRED PER SITE - ?? TOTAL PROJECT CREDITS= ?? TREES NEEDED

	CONCRETE SURFACE
	ASPHALT SURFACE
	NATURAL AREA
	PERIMETER LANDSCAPE

ENGINEERS COST FOR RESTORATION



LANDSCAPE NOTES:

SOIL CHARACTERISTICS

- THIS SITE CONSIST MAINLY OF DRY SOILS MADE UP OF ?? TO ?? DROUGHT TOLERANT PLANT SPECIES SHALL BE SELECTED.
- AMENDMENTS TO THE SOIL SHALL BE ADDED TO PROMOTE HEALTHY GROWTH, THESE AMENDMENTS SHALL BE APPROPRIATE FOR EACH SPECIES PLANTED.
- INSTALL PLANT MATERIALS SHALL CONFORM TO THE STANDARDS FOR FLORIDA GRADE No. 1-OR-BETTER AS GIVEN IN GRADES AND STANDARDS FOR NURSERY PLANTS (GSNP). STATE OF FLORIDA, DEPT. OF AGRICULTURE AND CONSUMER SERVICES.
- ALL LANDSCAPE AREAS TO BE COVERED WITH A MINIMUM OF 2" OF MULCH.
- INSTALL PLANTS SHALL BE GROUPED IN PLANTING AREAS ACCORDING TO "WATER USE ZONES" AND IRRIGATED SEPARATELY ACCORDING TO "HIGH", "MODERATE", OR "LOW" WATER USAGE. IF TURFGRASS IS USED, IT SHALL BE IRRIGATED SEPARATELY FROM OTHER LANDSCAPING.
- INSTALL PLANTS SHALL BE APPROPRIATELY SPACED ACCORDING TO GROWTH NEEDS OF THE SPECIES. EXCEPT FOR THIS PRIORITY OR AS OTHERWISE INDICATED, NO TWO PLANTS (EXCLUDING TREES AND TURFGRASS) SHALL BE MORE THAN (50) INCHES APART ON CENTER.
- NO MORE THAN FIFTY (50) PERCENT OF THE LANDSCAPING SHALL TURFGRASS UNLESS VARIETIES WITH EXCELLENT DROUGHT- TOLERANCE ARE USED.
- ALL TURFGRASS (SOD) SHALL BE OF A DROUGHT- TOLERANT VARIETY IN MODERATE AND LOW WATER USE ZONES. TOTAL LANDSCAPE AREA = ?? ACRES.
- ALL LANDSCAPE AREAS AGAINST BUILDINGS SHALL BE - MODERATE WATER USE ZONES. LOW WATER USE ZONE = 100% OF LANDSCAPE AREA USE DROUGHT- TOLERANT TURFGRASS (SOD)

SUGGESTED LANDSCAPE SPECIES LIST

SHADE TREE SPECIES: LIVE OAK (QUERCUS VIRGINIANA)
LANDSCAPE TREE SPECIES: CRAPEMYRTLE (LAGERSTROEMIA INDICA)
SHRUB SPECIES: BOTTLE BRUSH (CALLISTEMON SPP.)
GROUND COVER SPECIES: BAHIA GRASS (PASPALUM NOTATUM)

PERIMETER LANDSCAPE REQUIREMENTS:

BUILDING PERIMETER LANDSCAPING REQUIRED ???? x 5 x 50 = ???? SF
PERIMETER LANDSCAPING PROVIDED = ???? SF

GENERAL NOTES:

- ALL REPLACEMENT TREES ARE TO BE AT A MINIMUM 3" CALIPER.
- ALL SHRUBS SHALL BE A MINIMUM 18" HIGH AT PLANTING.
- EXISTING TREES SHALL BE SAVED WHERE POSSIBLE.
- LANDSCAPED HEDGES ARE TO BE A MINIMUM OF 18" AT TIME OF PLANTING.
- ALL LANDSCAPING SHALL CONFORM WITH THE HERNANDO COUNTY LANDSCAPE ORDINANCE #2001-09
- ALL EXISTING TREES THAT ARE TO BE SAVED SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 10-23. TREE PRESERVATION OF THE HERNANDO COUNTY LANDSCAPE ORDINANCE #2001-09.
- REQUIRED NATURAL VEGETATION TO BE PRESERVED IS 3% (IF EXISTING) (?? ACRES) (6 = ?? ACRES)
- 5% NATURAL VEGETATION IS AVAILABLE ON THIS SITE.
- INSTALL LANDSCAPING MUST MEET FLORIDA FRIENDLY LANDSCAPING™ REQUIREMENTS.

CENTRALIA TRAILS
HERNANDO COUNTY
LANDSCAPE PLAN

PRO CIVIL 360

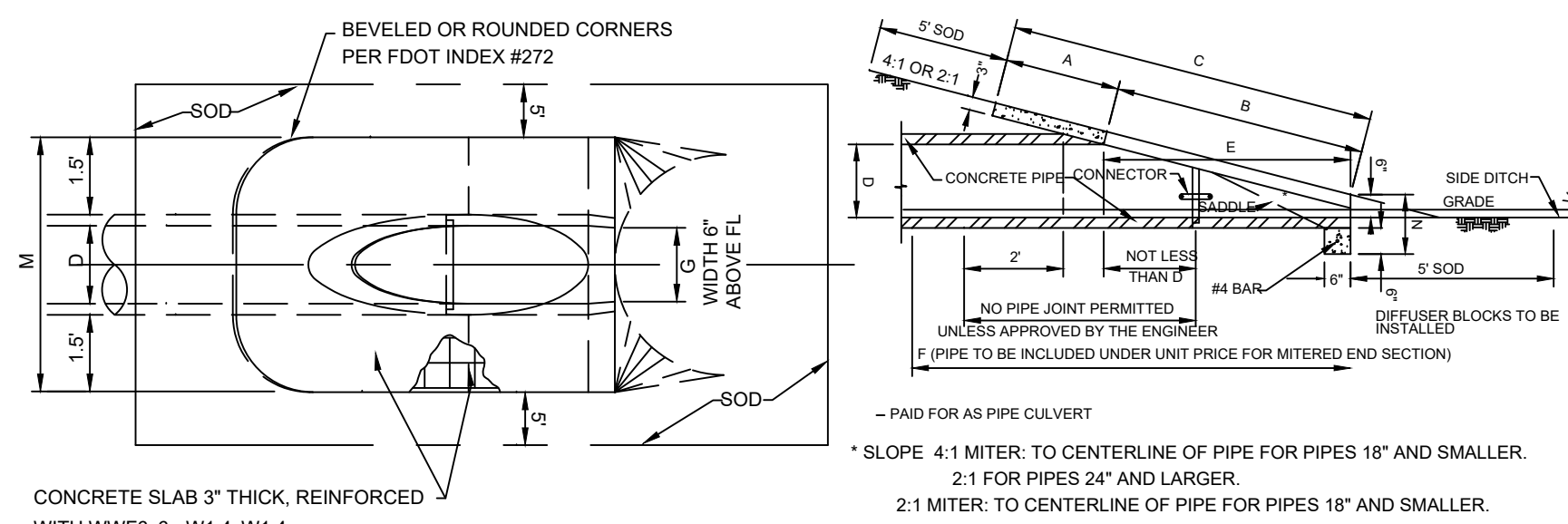
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DRAWN BY: ANG
SCALE: AS NOTED
DATE: 6/14/23
SEC: 04
TWP: 21
RANGE: 18E
JOB NUMBER: 22046

EXAMINED AND APPROVED DATE: LARRY G. BOONE, P.E. P.E. #14970

SHEET NO. 9 OF 10



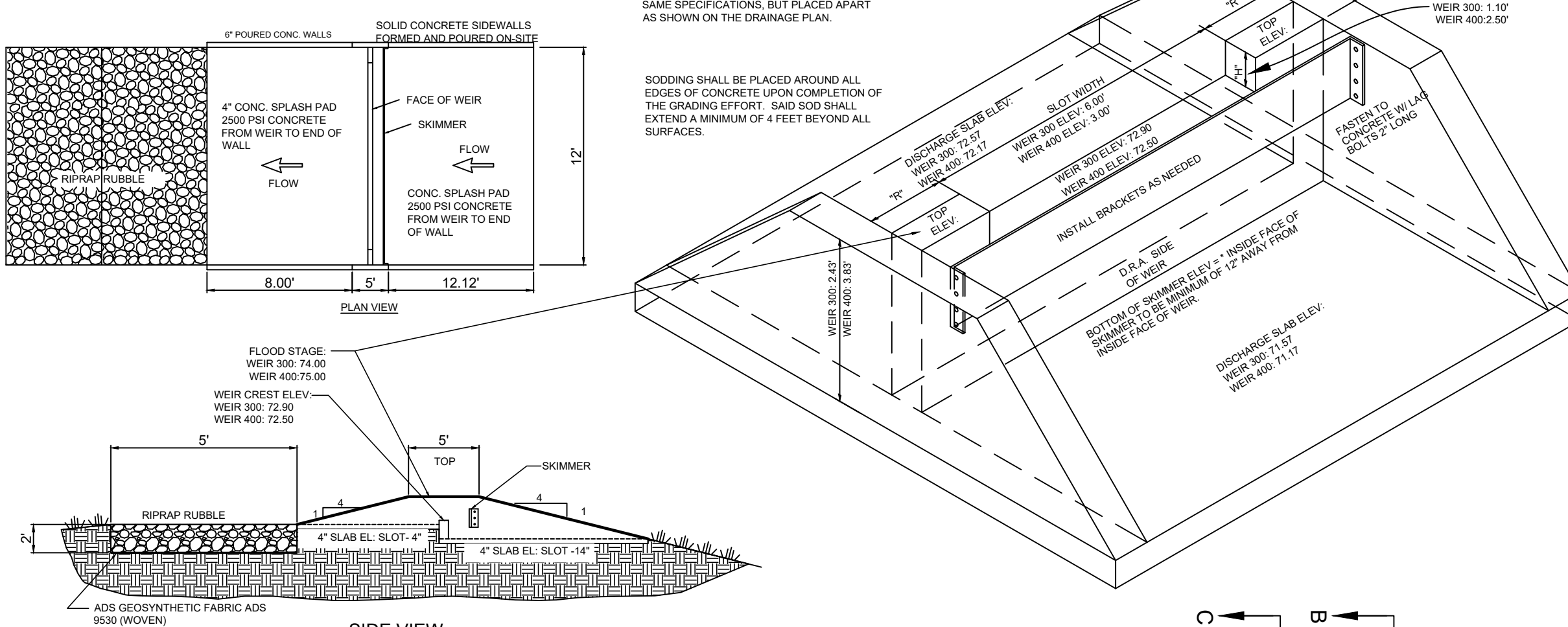
PLAN VIEW - SINGLE PIPE
ELEVATION VIEW - SECTION THROUGH PIPE
NOTE: REFER TO FDOT INDEX #272 AND #273 FOR FURTHER DETAILS.

DIMENSIONS AND QUANTITIES

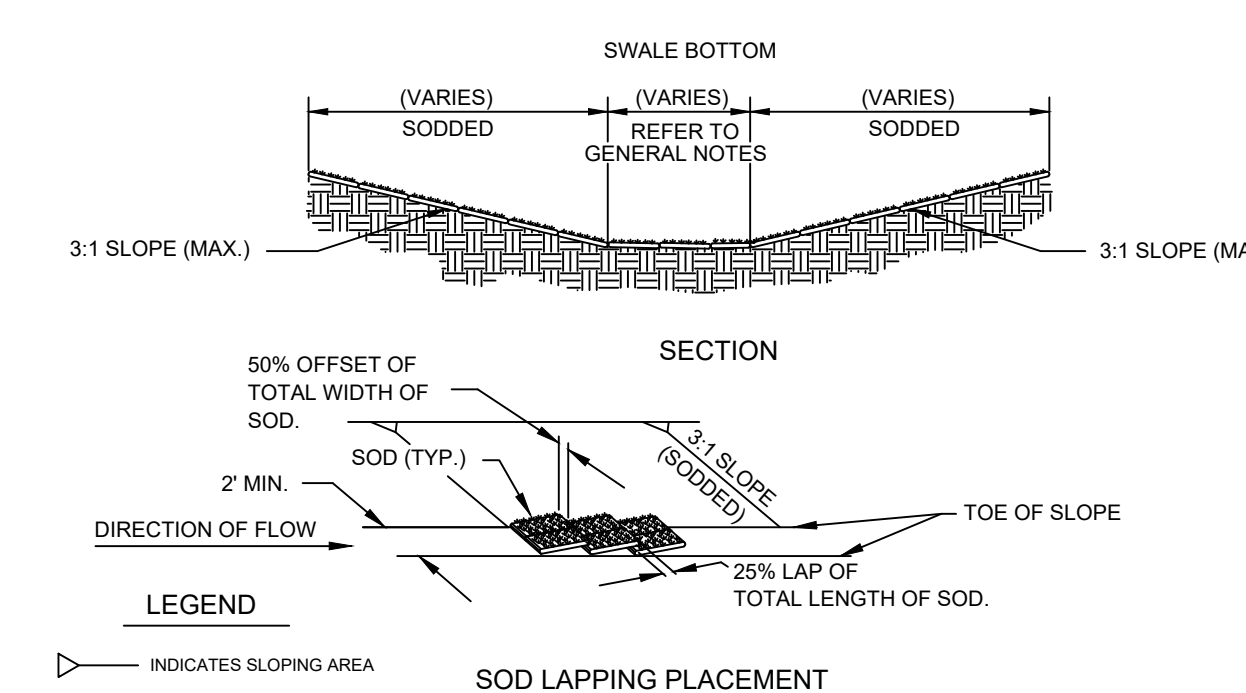
SLOPE	D	X	A	B	C	E	F	G	CONCRETE (CY) YDS				SODDING (SQ YDS)							
									SINGLE PIPE	DOUBLE PIPE	TRIPLE PIPE	QUAD PIPE	SINGLE PIPE	DOUBLE PIPE	TRIPLE PIPE	QUAD PIPE				
2:1	18"	2.00	1.50	2.18	4.10	2.00	5	1.22	4.57	7.21	3.70	12.37	1.19	0.27	0.41	0.67	2.1	2.4	2.7	3.0
	24"	2.00	1.50	2.50	4.40	2.00	6	1.41	5.00	7.74	4.10	13.26	1.32	0.31	0.45	0.72	2.3	2.6	2.9	3.2
	30"	2.00	1.50	2.82	4.70	2.00	7	1.59	5.49	8.27	4.40	14.15	1.44	0.34	0.48	0.75	2.4	2.7	3.0	3.3
	36"	2.00	1.50	3.14	5.00	2.00	8	1.78	5.98	8.90	4.70	15.04	1.56	0.37	0.51	0.78	2.5	2.8	3.1	3.4
	42"	2.00	1.50	3.46	5.30	2.00	9	1.96	6.47	9.53	5.00	15.93	1.68	0.40	0.54	0.81	2.6	2.9	3.2	3.5
	48"	2.00	1.50	3.78	5.60	2.00	10	2.15	6.96	10.16	5.30	16.82	1.80	0.43	0.57	0.84	2.7	3.0	3.3	3.6
	54"	2.00	1.50	4.10	5.90	2.00	11	2.33	7.45	10.79	5.60	17.71	1.92	0.46	0.60	0.91	2.8	3.1	3.4	3.7
	60"	2.00	1.50	4.42	6.20	2.00	12	2.52	7.94	11.42	5.90	18.60	2.04	0.49	0.63	0.96	2.9	3.2	3.5	3.8
	66"	2.00	1.50	4.74	6.50	2.00	13	2.70	8.43	12.05	6.20	19.49	2.16	0.52	0.66	1.02	3.0	3.3	3.6	3.9
	72"	2.00	1.50	5.06	6.80	2.00	14	2.89	8.92	12.68	6.50	20.38	2.28	0.55	0.69	1.09	3.1	3.4	3.7	4.0
4:1	18"	2.00	1.50	2.18	4.10	2.00	5	1.22	4.57	7.21	3.70	12.37	1.19	0.27	0.41	0.67	2.1	2.4	2.7	3.0
	24"	2.00	1.50	2.50	4.40	2.00	6	1.41	5.00	7.74	4.10	13.26	1.32	0.31	0.45	0.72	2.3	2.6	2.9	3.2
	30"	2.00	1.50	2.82	4.70	2.00	7	1.59	5.49	8.27	4.40	14.15	1.44	0.34	0.48	0.75	2.4	2.7	3.0	3.3
	36"	2.00	1.50	3.14	5.00	2.00	8	1.78	5.98	8.90	4.70	15.04	1.56	0.37	0.51	0.78	2.5	2.8	3.1	3.4
	42"	2.00	1.50	3.46	5.30	2.00	9	1.96	6.47	9.53	5.00	15.93	1.68	0.40	0.54	0.81	2.6	2.9	3.2	3.5
	48"	2.00	1.50	3.78	5.60	2.00	10	2.15	6.96	10.16	5.30	16.82	1.80	0.43	0.57	0.84	2.7	3.0	3.3	3.6
	54"	2.00	1.50	4.10	5.90	2.00	11	2.33	7.45	10.79	5.60	17.71	1.92	0.46	0.60	0.91	2.8	3.1	3.4	3.7
	60"	2.00	1.50	4.42	6.20	2.00	12	2.52	7.94	11.42	5.90	18.60	2.04	0.49	0.63	0.96	2.9	3.2	3.5	3.8
	66"	2.00	1.50	4.74	6.50	2.00	13	2.70	8.43	12.05	6.20	19.49	2.16	0.52	0.66	1.02	3.0	3.3	3.6	3.9
	72"	2.00	1.50	5.06	6.80	2.00	14	2.89	8.92	12.68	6.50	20.38	2.28	0.55	0.69	1.09	3.1	3.4	3.7	4.0

MES INSTALLATION DETAIL
NTS

WEIR CONSTRUCTION INFORMATION

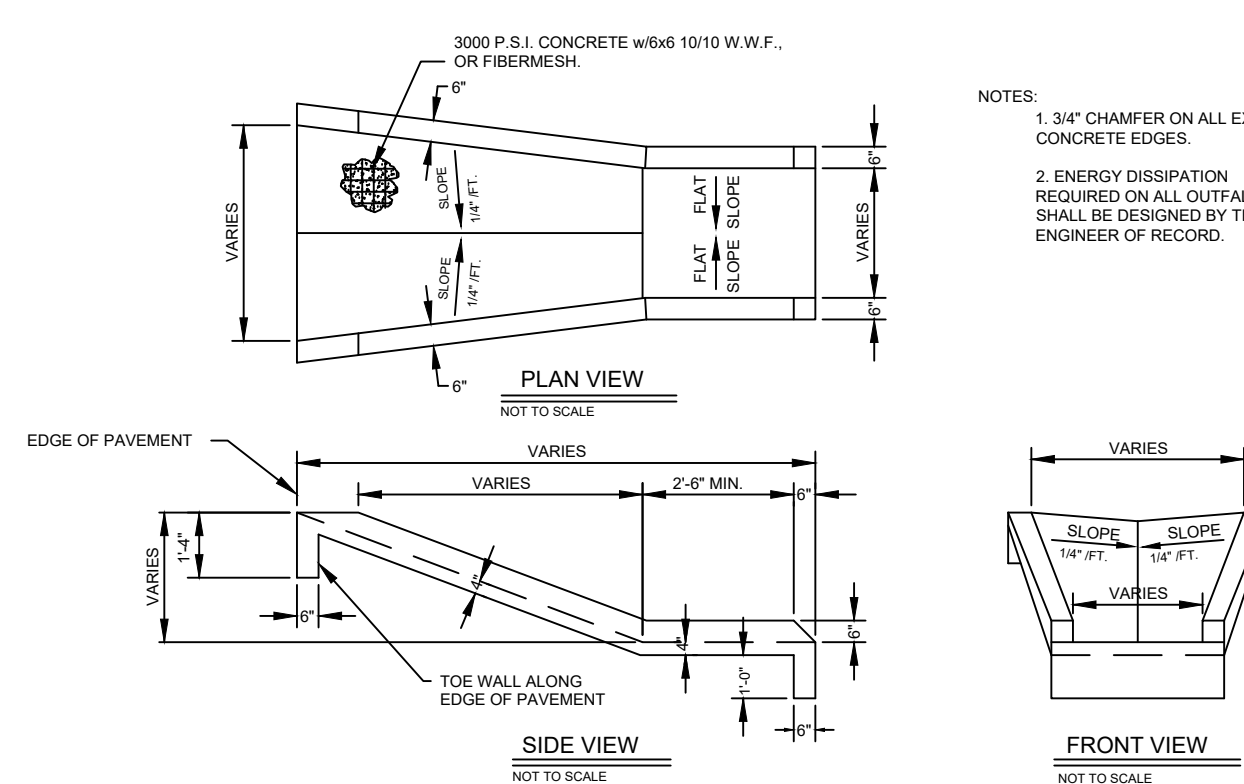


WEIR CONSTRUCTION INFORMATION



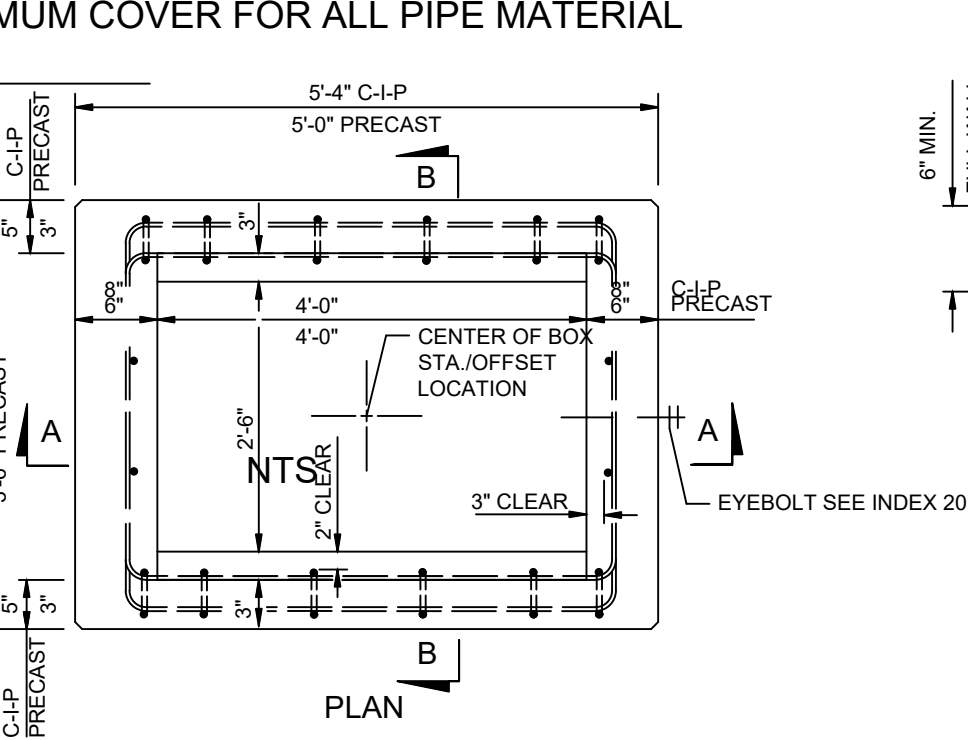
SOD LAPPING PLACEMENT
SWALE DETAIL
NTS

- GENERAL NOTES**
- REFER TO FDOT STANDARD SPECIFICATION SECT. 575 FOR SODDING SPECIFICATIONS.
 - REFER TO FDOT STANDARD SPECIFICATION SECT. 570 FOR SEEDING AND MULCHING.
 - LESS THAN 3% SWALE FLOW LINE GRADES SHALL BE SEED & MULCHED.
 - 3% TO 5% SWALE FLOW LINE GRADES REQUIRES STRIP SODDING ACROSS SWALES EVERY 20' MAX.
 - 5% TO 8% SWALE GRADES REQUIRE SWALES TO BE FULLY SODDED. SOD SHALL BE OVER LAPPED AT BOTTOM OF SWALES.
 - SWALE FLOWLINES GREATER THAN 8% SHALL HAVE SOD PEGGED IN PLACE.

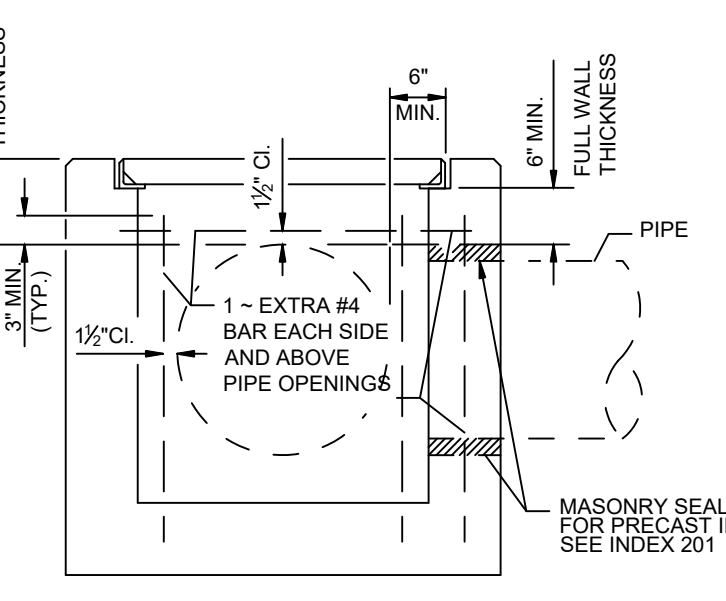


FLUME DETAIL
NTS

PIPE COVER DETAIL
MINIMUM COVER FOR ALL PIPE MATERIAL



PIPE COVER DETAIL



TYPICAL TYPE 'F' INLET

- GENERAL NOTES**
- THESE INLETS ARE DESIGNED FOR USE IN DITCHES, MEDIANS, PAVEMENT AREAS, OR OTHER AREAS SUBJECT TO HEAVY WHEEL LOADS, MINIMAL DEBRIS, AND BICYCLE TRAFFIC. THIS INLET MAY BE PLACED IN AREAS SUBJECT TO OCCASIONAL PEDESTRIAN TRAFFIC SUCH AS LANDSCAPED AREAS AND PAVEMENT AREAS WHERE PEDESTRIANS CAN WALK AROUND THE INLET. WHEN INLET IS PLACED IN AREAS SUBJECT TO BICYCLE TRAFFIC, INSTALL FILTER BAR WHEN CLEARANCE OR GAP IS GREATER THAN 1" AS SHOWN IN INDEX 218 INSET B.
 - WHEN ALTERNATE G GRATE IS SPECIFIED IN PLANS, THE GRATE IS TO BE HOT DIP GALVANIZED AFTER FABRICATION.
 - THESE INLETS MAY BE USED WITH ALTERNATE B STRUCTURE BOTTOMS. INDEX 200. THE INLET AND BOTTOM COMBINATIONS ARE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR INLETS (DOT) (TYPE F (OR) G) (J) (BOT. DEPTH). EA. ALL EXPOSED EDGES AND CORNERS SHALL BE 3/4" CHAMFER OR TOOLED TO 1/2" RADIUS.
 - FOR SUPPLEMENTAL DETAILS, SEE INDEX 201.
 - ALL REINFORCING IS GRADE 60 BARS WITH 2" MIN. COVER UNLESS OTHERWISE NOTED. BARS TO BE CUT OR BENT FOR 1/2" CLEARANCE AROUND PIPE OPENING. PROVIDE ONE ADDITIONAL #4 BAR ABOVE AND AT EACH SIDE OF PIPE OPENING, AS SHOWN.
 - ALL DIMENSIONS ARE FOR BOTH PRECAST AND CAST-IN-PLACE INLETS UNLESS OTHERWISE NOTED.

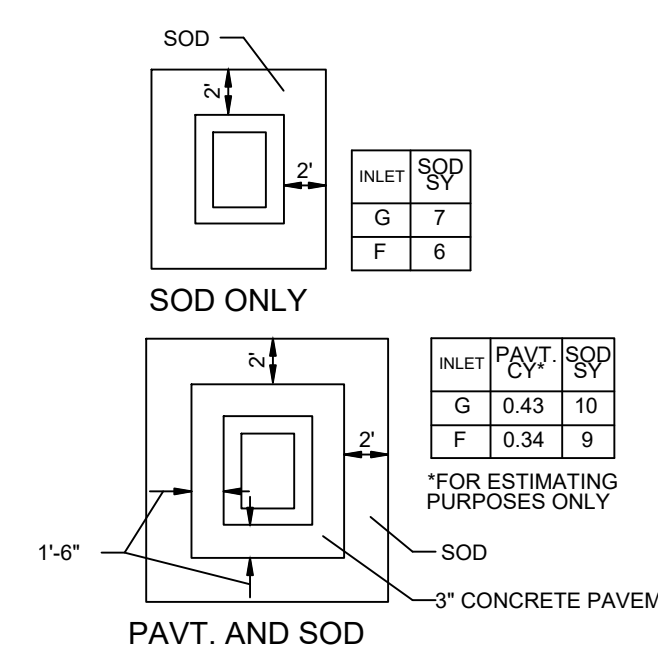
HORIZONTAL WALL REINF. SCHEDULES
TYPE F INLET (TABLE 1)

WALL DEPTH	SCHEDULE	AREA (SQ FT)	MAX SPACING	WF
0' - 4'	A12	0.20	12"	8"
4' - 7'	A6	0.20	6"	5"
7' - 12'	B5.5	0.24	5 1/2"	5"
12' - 15'	SPECIAL 1	0.267	5"	4"

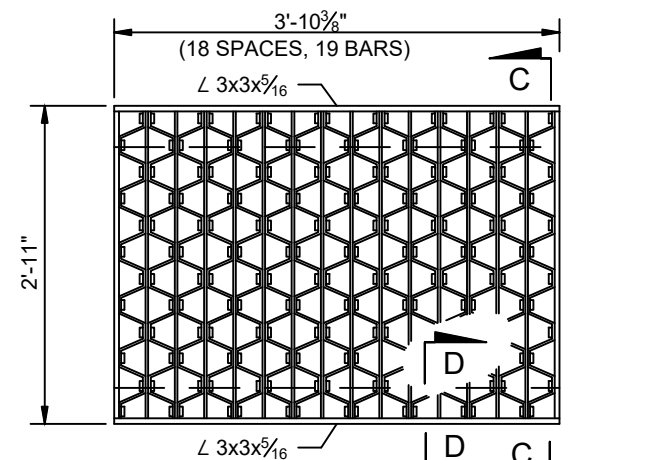
RECOMMENDED MAXIMUM PIPE SIZES

INLET INSIDE WIDTH	PIPE SIZE
2'-6" (TYPE F)	18"
4'-0" (TYPE F)	30"
4'-10" / 5'-0" (TYPE G)	42"

Note: RECOMMENDED SIZES ARE FOR CONCRETE PIPE. SIZES FOR OTHER TYPES OF PIPE MUST BE VERIFIED FOR FIT IN ACCORDANCE WITH INDEX NO. 201. FOR LARGER PIPE SIZES SEE NOTE 3.

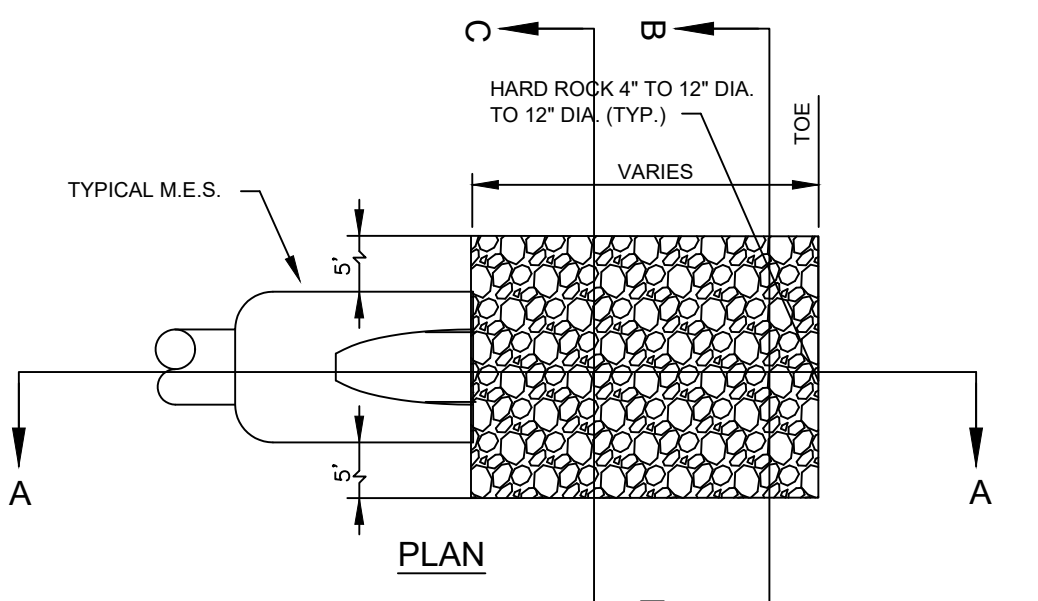


PAVT. AND SOD



STEEL GRATE
STEEL GRATING, STRAIGHT BARS 3"X1/2"
RETICULINE BARS 2"X1/2"

PAVEMENT AND SODDING

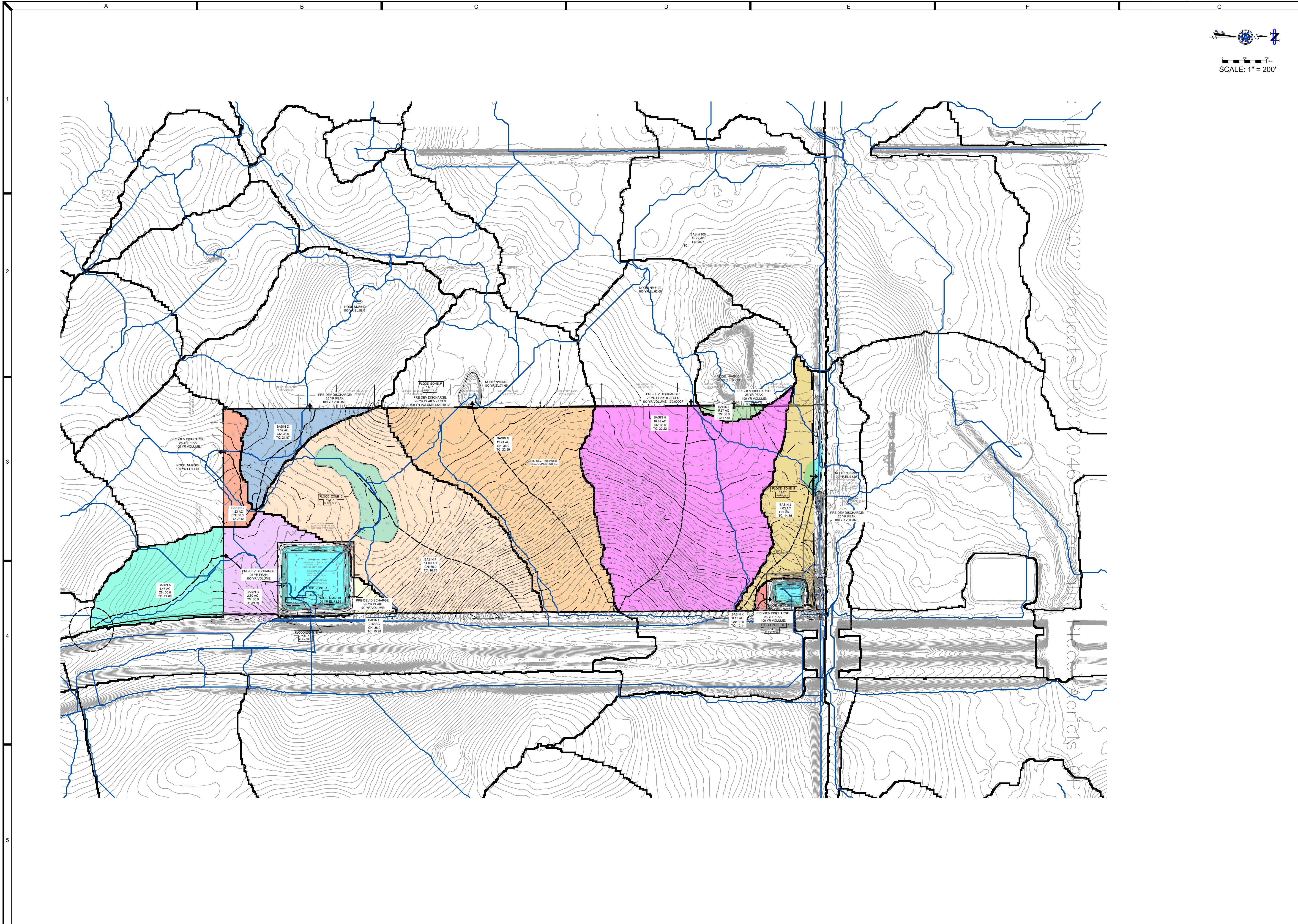


RIP RAP RUBBLE DETAIL
NTS.

CENTRALIA TRAILS
HERNANDO COUNTY

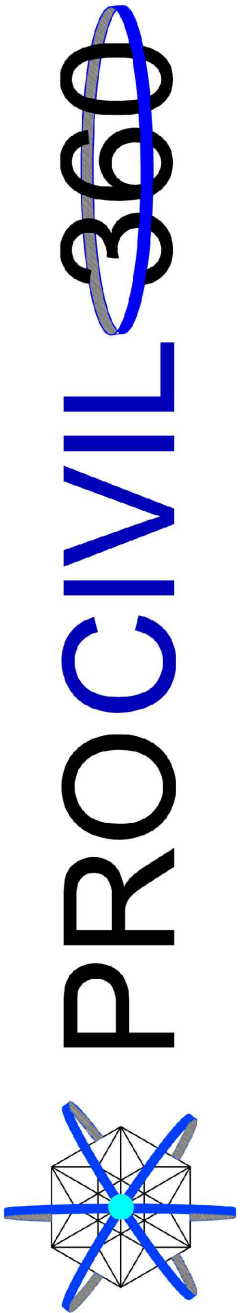
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LARRY G. BOONE, P.E.
P.E. #4870
EXAMINED AND APPROVED DATE: _____
JOB NUMBER: 22046
SHEET NO. 10 OF 10



SCALE: 1" = 200'

CENTRALIA TRAILS
HERNANDO COUNTY
PRE BASIN MAP



CIVIL ENGINEERING/RESIDENTIAL & COMMERCIAL SITE
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PWDRAWN BY: AKG SCALE: AS NOTED DATE: 6/14/23 SEC: 34 TWP: 21 RANGE: 18E JOB NUMBER: 22046	DIGITALELECTRONIC SIGNATURE NOTE: LARRY G. BOONE, P.E., STATE OF FLORIDA, PROFESSIONAL ENGINEER NO. 8470, HAS REVIEWED AND SEALED BY LARRY G. BOONE, ON THE DATE INDICATED HEREIN. PRINTED SCALE AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES. LARRY G. BOONE, P.E. P.E.#14970 EXAMINED AND APPROVED DATE:	SHEET NO. 10A OF 10
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