

CITY OF JACKSONVILLE NOTES
GENERAL

All construction shall be performed in accordance with the approved plans and comply with all standard city policies and practices. City approval is contingent upon any required state or federal permit approvals such as those from the Department of Environmental Protection or the St. Johns River Water Management District (SJRWMD).

UTILITY WORK

Plan approval through Development Services does not include utilities. Proposed water, sewer or electric construction must be approved separately through the respective utility company. In most cases, this will be:

JEA
JEA Tower - 4th Floor
21 W. Church Street
Jacksonville, FL 32202
http://www.jea.com/business/services/devandbuild/developers.asp

WORK WITHIN THE RIGHT-OF-WAY

CITY: Except for new subdivision infrastructure construction, all work performed within a City of Jacksonville right-of-way or easement requires a Right-of-way Permit. The contractor performing the proposed work must have a current Right-of-way Bond on file with Development Services. Right-of-way Permit applications are processed at:

Development Services Customer Service Counter
Edward Ball Building, 2nd Floor
214 N. Hogan St.
Jacksonville, FL 32202
(904) 255-8572
http://row.jaxdev.info/

STATE: All work performed within a state right-of-way requires a permit from the Florida Department of Transportation (FDOT). It is the developer's responsibility to obtain required FDOT permits or maintenance-of-traffic approvals for work within FDOT right-of-ways. The FDOT regional office can be contacted at (904) 360-5200 Any changes to the approved plans needed for FDOT approval must be submitted to Development Services as revisions.

Adjacent State Roads: US-17 ROOSEVELT BLVD.

RAILROAD: Railroad companies may require special approvals or permits to work within their right-of-ways. It is the developer's responsibility to obtain permission from any railroad right-of-way owner before performing any work within their right-of-way.

STORMWATER

Annual reports in compliance with the SJRWMD stormwater permits are required from the maintenance entity of all stormwater management facilities. Send copies of the reports to:

Engineering and Construction Management
Edward Ball Building, 10th Floor
214 N. Hogan St.
Jacksonville, FL 32202
http://www.coj.net/Departments/Public+Works/Engineering+and+Construction+Management/

The owner of any project one (1) acre or larger is required to provide a Notice of Intent (NOI) in accordance with criteria set forth in the city's NPDES permit within 48 hours of beginning construction. Send NOI and NOI fee to:

Florida Department of Environmental Protection
NPDES Stormwater Notices Center, Mail Station #2510
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
(888) 338-6312
http://www.dep.state.fl.us/water/stormwater/npdes/

The contractor shall contact the Environmental Quality Division, Erosion and Sedimentation Control Section (ESC) to provide verification that applicable stormwater permits have been obtained and to schedule a pre-construction ESC site inspection:

Environmental Quality Division
214 North Hogan Street, 6th Floor
Jacksonville, FL 32202
(904) 255-7100 or esc@coj.net

FIRE MARSHAL

Plan review and approval does not relieve the contractor of complying with all applicable State Fire Codes.

Underground mains and hydrants shall be installed, completed, and in service prior to construction work.

Underground contractor shall submit to the Fire Marshall for approval complete specs for all underground pipe and fittings relating to fire protection PRIOR to installation and inspection. Contractor shall include manufacturer's name and pipe ID along with contractor's state license number.

LANDSCAPE

A Site Work Permit is required for this project.

☐ Tree Fund payment is due: _____ inches at \$ _____ = \$ _____
☐ Article 25 funds are due: _____ inches at \$ _____ = \$ _____

TRAFFIC ENGINEERING

TRAFFIC SIGNS

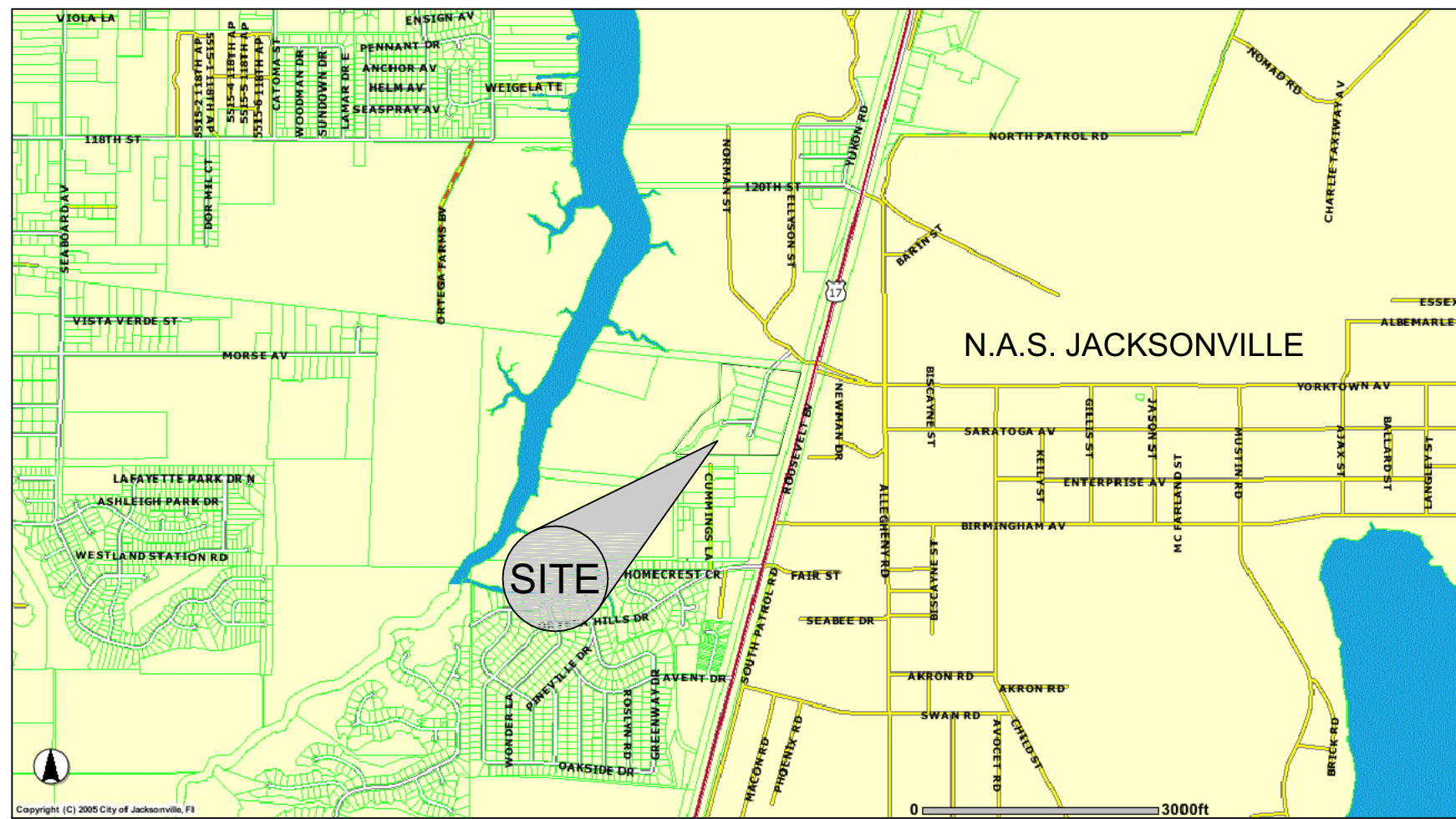
Metro Name (each) _____
Standard (each) _____
Stop/Yield (each) _____
Design (per plat) 1 per plat
Installation (per hour) 1 per 2 signs (rounded up)

_____ Streetlights Required

NOTE: Traffic sign costs change from time to time. Consult Attachment 8 of the Land Development Procedures Manual (http://ldpm.jaxdev.com/) for the current rates before paying for any sign installations.

No lane closures allowed from 7 a.m. till 9 a.m. and from 4 p.m. till 6 p.m.

DRAINAGE IMPROVEMENTS
FOR
TIMUQUANA COMMERCE CENTER
OWNER'S ASSOCIATION
7275 GOLDEN WINGS ROAD
JACKSONVILLE, FLORIDA



VICINITY MAP
NTS

SUBMITTAL
AUGUST, 2025

SHEET INDEX

- | | |
|-----------|---|
| - | COVER |
| C-1 | GENERAL NOTES, LEGEND & DETAILS |
| C-2 | POST-DEVELOPMENT DRAINAGE PLAN |
| C-3 | ON-SITE ICPR CONDITIONS |
| C-4 | DRAINAGE IMPROVEMENTS PLAN |
| C-5 | DETAILS |
| C-6 TO 11 | CROSS SECTIONS |
| C-12 | STORMWATER POLLUTION PREVENTION PLAN |
| C-13 | STORMWATER POLLUTION PREVENTION DETAILS |

PLAN APPROVAL

Approved By: Ellyn Cavin
Stamp By: Kevin Robinson
Date: _____ Development Services Division (Chief)
Approved On: September 2, 2025

Date: _____ Review: _____ (Reviewer)

FINAL APPROVER

Plan approval is valid for five years after the initial approval date. Revisions made after the initial approval date do not extend this five-year time frame.

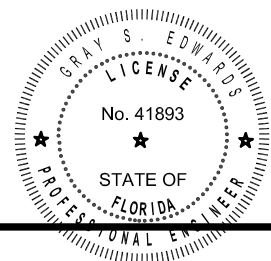
PLAN APPROVAL IS SUBJECT TO THE
FOLLOWING NOTES AND CONDITIONS:

GENERAL PROJECT INFORMATION

GENERAL	
City Development Number	10130.001
Concurrency Application Number	-
Property Appraiser Number (RE #)	(SEE LEFT)
Zoning Designation	-
Zoning Application(s) (if any)	-
PUD Ordinance Number	N/A
FIRM - Community - Panel	0527H
Flood Zones (Show in Plans)	X
Base Flood Elev. (Show in Plans)	N/A
Vertical Datum Used for Project	NAVD 88
JEA Availability Number	N/A
SUBDIVISION	
PSD Number	N/A
City or Private Inspection	N/A
Public or Private Roads	N/A
Subdivision ("911") Disk Provided?	N/A
NON-SUBDIVISION	
North American Industry Classification System (NAICS)	
Impervious Area (Sq. Ft.)	

RE NOS:
098404-0025
098404-0030
098404-0037
098404-0042
098404-0055
098404-0060
098404-0085
098404-0105

CONTACT INFORMATION	
OWNER:	TIMUQUANA COMMERCE CENTER OWNER'S ASSOCIATION, LLC 10739 DEERWOOD PARK BLVD. JACKSONVILLE, FL 32256
CIVIL ENGINEER:	GRAY S. EDWARDS, PE EDWARDS ENGINEERING, INC. 1885 CORPORATE SQUARE BLVD. JACKSONVILLE, FLORIDA 32216 PHONE: (904) 725-4220
SURVEYOR:	DEGROVE SURVEYORS INC. 2131 CORPORATE SQUARE BLVD. JACKSONVILLE, FLORIDA 32216 PHONE: (904) 722-0400



THIS ITEM HAS BEEN DIGITALLY SEALED BY
GRAY S. EDWARDS, PE USING A DIGITAL SIGNATURE
PRINTED COPIES OF THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND SEALED AND THE SHA
AUTHENTICATION CODE MUST BE VERIFIED ON ANY
ELECTRONIC COPIES

Digitally signed by Gray
Edwards

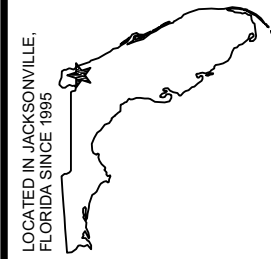
Date: 2025.08.08 09:52:52

-04'00'

CITY DEVELOPMENT NO. 10130.001

TIMUQUANA COMMERCE CENTER

7275 GOLDEN WINGS ROAD
JACKSONVILLE, FLORIDA



1885 CORPORATE SQUARE BOULEVARD
JACKSONVILLE, FLORIDA 32216
phone: (904) 725-4220
fax: (904) 725-4219

EDWARDS
ENGINEERING
CONSULTING ENGINEERS
DESIGNING THE FUTURE TODAY

SEAL

GENERAL NOTES

1. ALL ELEVATIONS SHOWN ARE IN FEET AND ARE BASED ON NAVD88. EXISTING DITCH SECTIONS, CULVERT SIZES AND STRUCTURE INVERTS PROVIDED BY DEGREVE SURVEYOR'S, INC.
2. BOUNDARY TAKEN FROM PLAT NAMED "TIMUQUANA COMMERCE CENTER".
3. THE BASESHEETS USED IN THIS SUBMITTAL WERE TAKEN FROM THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT INTERNET PERMITS SEARCH WEB SITE FOR PERMITTED CONSTRUCTION ASSOCIATED WITH PERMIT #4-031-97503-1, NAS COMMERCIAL PARK.

40-031-97503-1 November 8, 2005
NAS Commercial Park
Legacy Civil Engineers, Inc.

40-031-97503-2 June 24, 2008
Westside Regional Park Entrance
Dyer, Riddle, Mills & Precourt, Consulting Engineers

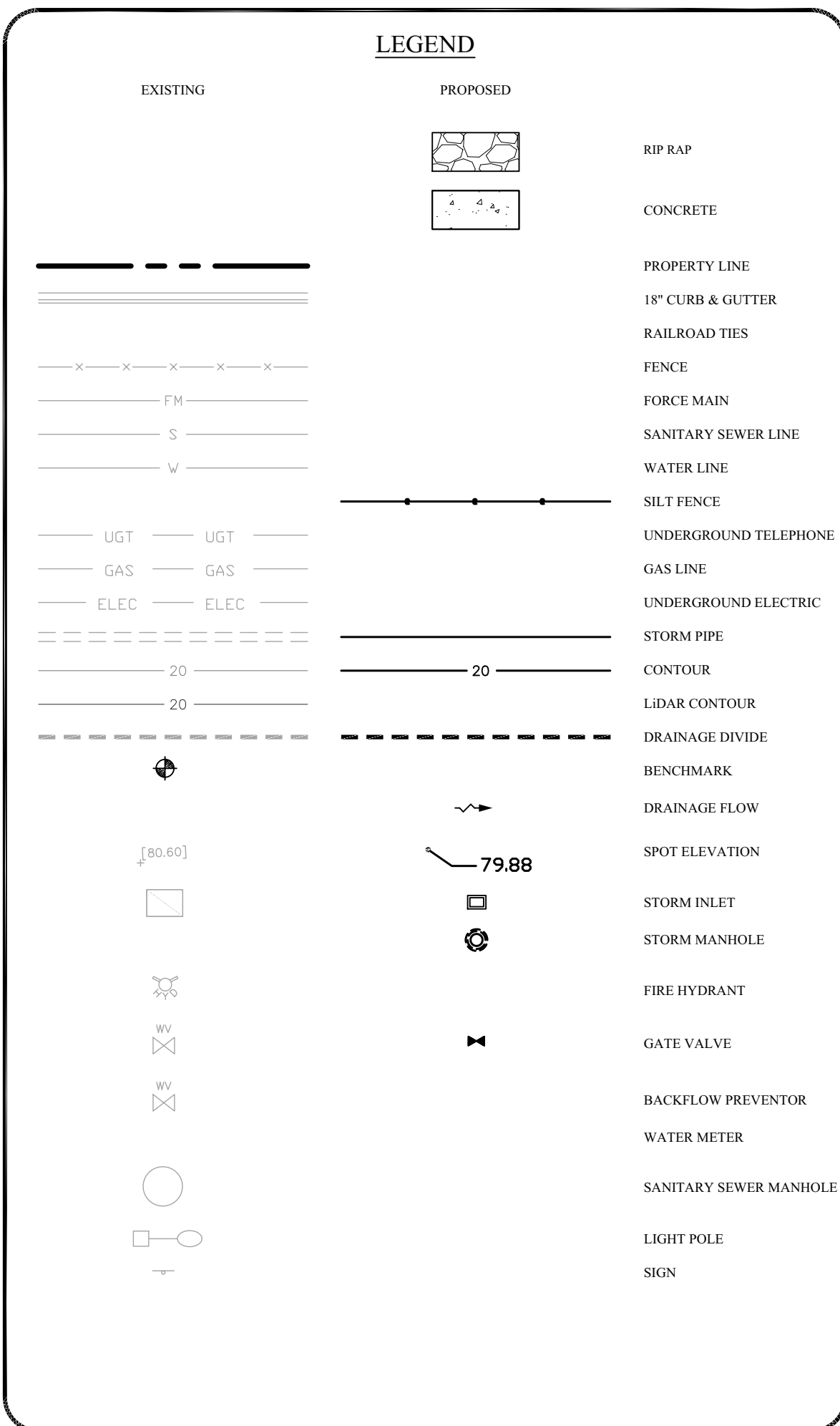
40-031-97503-6
NAS Commercial Park, LLC
Connelly & Wicker, Inc., Consulting Engineers

40-031-97503-8 May 27, 2008
Boar's Head Warehouse Building
Fleming Island Engineering

40-031-97503-9 May 27, 2008
Riverside Spine
Fleming Island Engineering

40-031-97503-10 May 6, 2011
Navy Federal Credit Union
URS Corporation


- EXISTING UTILITIES HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL NOTIFY THE CITY OF JACKSONVILLE, JEA, AND ANY OTHER AFFECTED UTILITY COMPANIES AT LEAST THREE (3) DAYS PRIOR TO COMMENCING EXCAVATION NEAR THE UTILITY. CONTRACTOR IS RESPONSIBLE FOR LOCATION OF ALL SUCH UTILITIES IN THE PATH OF CONSTRUCTION.
5. ALL UNSUITABLE MATERIAL SHALL BE REMOVED TO A DEPTH OF 3.0 FEET BELOW PAVEMENT SUBGRADE AND 2.5 FEET BEYOND THE EDGE OF PAVEMENT (OR BACK OF CURB) AND BACKFILLED WITH SUITABLE MATERIAL.
6. ALL DRAINAGE STRUCTURES SHALL BE CONSTRUCTED TO CONFORM WITH TYPICAL SECTIONS, DETAILS, CURBING, AND PROPERTY LINES.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING UNDERGROUND UTILITIES AND SHALL EXERCISE EXTREME CAUTION WHILE WORKING IN AREAS NEAR EXISTING STRUCTURES AND UTILITIES. THE CONTRACTOR SHALL REPAIR AND PAY FOR ALL DAMAGES MADE TO EXISTING STRUCTURES AND UTILITIES.
8. THE OFFICE OF THE CITY ENGINEER SHALL BE GIVEN AT LEAST ONE (1) WEEK NOTICE PRIOR TO BEGINNING ANY CONSTRUCTION. ALL WORK SHALL BE DONE UNDER THE SUPERVISION AND INSPECTION OF THE OFFICE OF THE CITY ENGINEER IN ACCORDANCE WITH THE APPROVED PLANS.
9. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM WITH THE CURRENT CITY OF JACKSONVILLE REQUIREMENTS.
10. THE CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY TO COMPLETE THE CONSTRUCTION.
11. ALL EXCAVATION SHALL BE DONE IN A MANNER TO MINIMIZE EROSION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION, CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION IN ACCORDANCE WITH ATTACHED STORMWATER POLLUTION PREVENTION PLAN AND DETAILS AND CHAPTER 17-3, FLORIDA ADMINISTRATIVE CODE.
12. ALL DITCH BANKS TO BE SODDED TO WATER LEVEL. ALL DISTURBED AREAS WHICH ARE NOT SODDED SHALL RECEIVE GRASS SEED, FERTILIZER AND MULCH.
13. UNSUITABLE MATERIAL ENCOUNTERED SHALL BE DISPOSED OF OFF-SITE. SOME ORGANIC MATERIAL MAY BE SPREAD ON SITE TO PROMOTE VEGETATION GROWTH. THE POND MAY BE OVER EXCAVATED AND SOME UNSUITABLES MAY BE DEPOSITED THERE. IT MUST BE COMPACTED AND MEET THE ELEVATION OF THE POND DETAIL.
14. STORM-WATER COLLECTION SYSTEM DESIGN IS BASED ON THE 5-YEAR RETURN FREQUENCY STORM (RATIONAL METHOD).
15. CONTRACTOR SHALL VERIFY EXISTING ROAD ELEVATIONS PRIOR TO CONSTRUCTION.
16. CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING UPON COMPLETION OF THE ENTIRE DRAINAGE SYSTEM. AS-BUILTS SHALL BE PROVIDED TO THE ENGINEER AND OWNER UPON COMPLETION.
17. CONTRACTOR SHALL HAVE A BENCHMARK LOCATED ON THE PROPERTY AND SHALL MAINTAIN THROUGHOUT CONSTRUCTION.



TIMUQUANA COMMERCE CENTER
7275 GOLDEN WINGS ROAD
JACKSONVILLE, FLORIDA

C-1

GENERAL NOTES - LEGEND & DETAILS

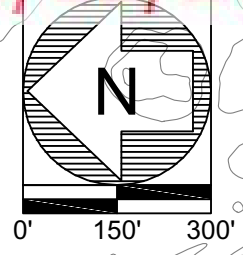


DWD
ENGINEERING, Inc.
CONSULTING ENGINEERS


www.dwdeng.com

SCALE	N.T.S.	NO.	DATE	REVISIONS	NO.	DATE	REVISIONS
DESIGNED BY	GE	1	-		7		
DRAWN BY		2			8		
CHECKED BY		3			9		
DATE	AUGUST 2025	4			10		
		5			11		
PROJECT NO.	2090010.00	6			12		

1885 CORPORATE SQUARE BOULEVARD • JACKSONVILLE, FLORIDA 32216 • PHONE (904)725-4220 • FAX: (904)725-4242

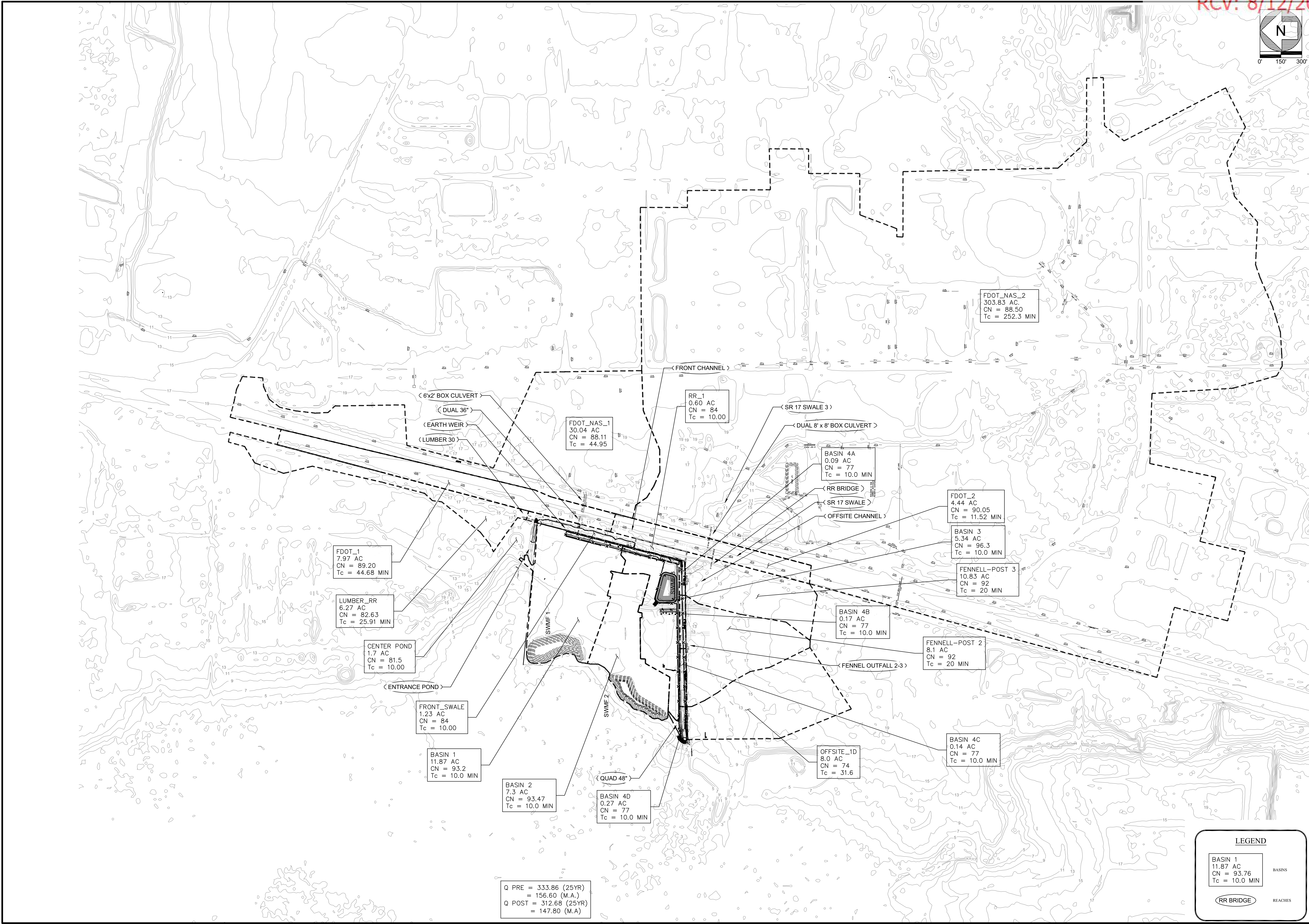


REVISIONS		NO.		DATE	
1		1			
2		2			
3		3			
4		4			
5		5			
6		6			

**DWARDS**
ENGINEERING, Inc.
CONSULTING ENGINEERS

TIMUQUANA COMMERCE CENTER
7275 GOLDEN WINGS ROAD
JACKSONVILLE, FLORIDA

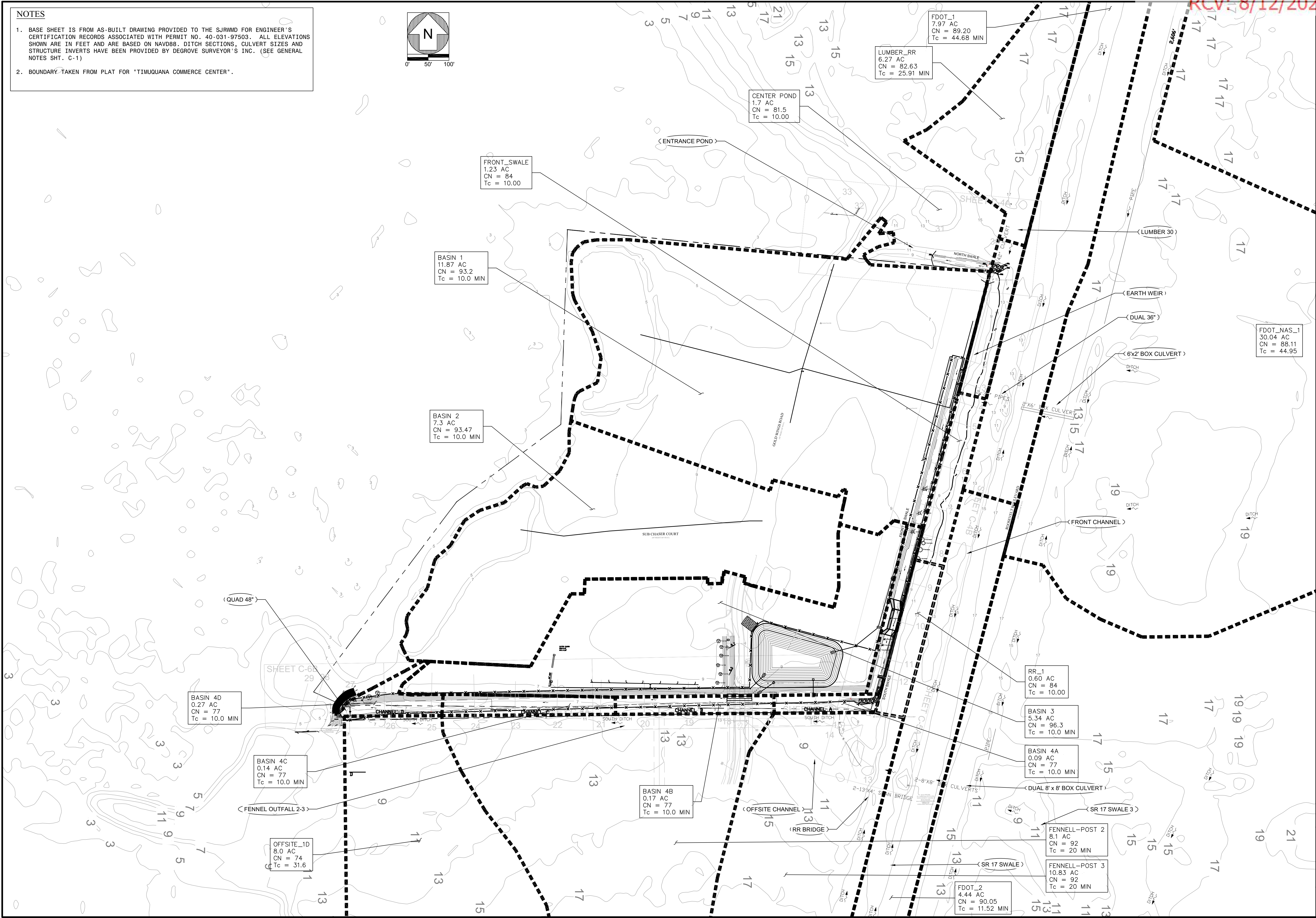
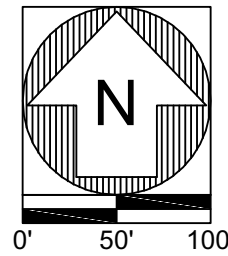
POST-DEVELOPMENT DRAINAGE PLAN



NOTES

1. BASE SHEET IS FROM AS-BUILT DRAWING PROVIDED TO THE SJRWMD FOR ENGINEER'S CERTIFICATION RECORDS ASSOCIATED WITH PERMIT NO. 40-031-97503. ALL ELEVATIONS SHOWN ARE IN FEET AND ARE BASED ON NAVD88. DITCH SECTIONS, CULVERT SIZES AND STRUCTURE INVERTS HAVE BEEN PROVIDED BY DEGROVE SURVEYOR'S INC. (SEE GENERAL NOTES SHT. C-1)

2. BOUNDARY TAKEN FROM PLAT FOR "TIMUQUANA COMMERCE CENTER".



REVISIONS		REVISIONS	
NO.	DATE	NO.	DATE
1		1	
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	
9		9	
10		10	
11		11	
12		12	

SCALE	1" = 100'
DESIGNED BY	GE
DRAWN BY	
CHECKED BY	
DATE	AUGUST 2025
PROJECT NO.	20901000

DWARDS ENGINEERING, Inc.
CONSULTING ENGINEERS

TIMUQUANA COMMERCE CENTER
7275 GOLDEN WINGS ROAD
JACKSONVILLE, FLORIDA

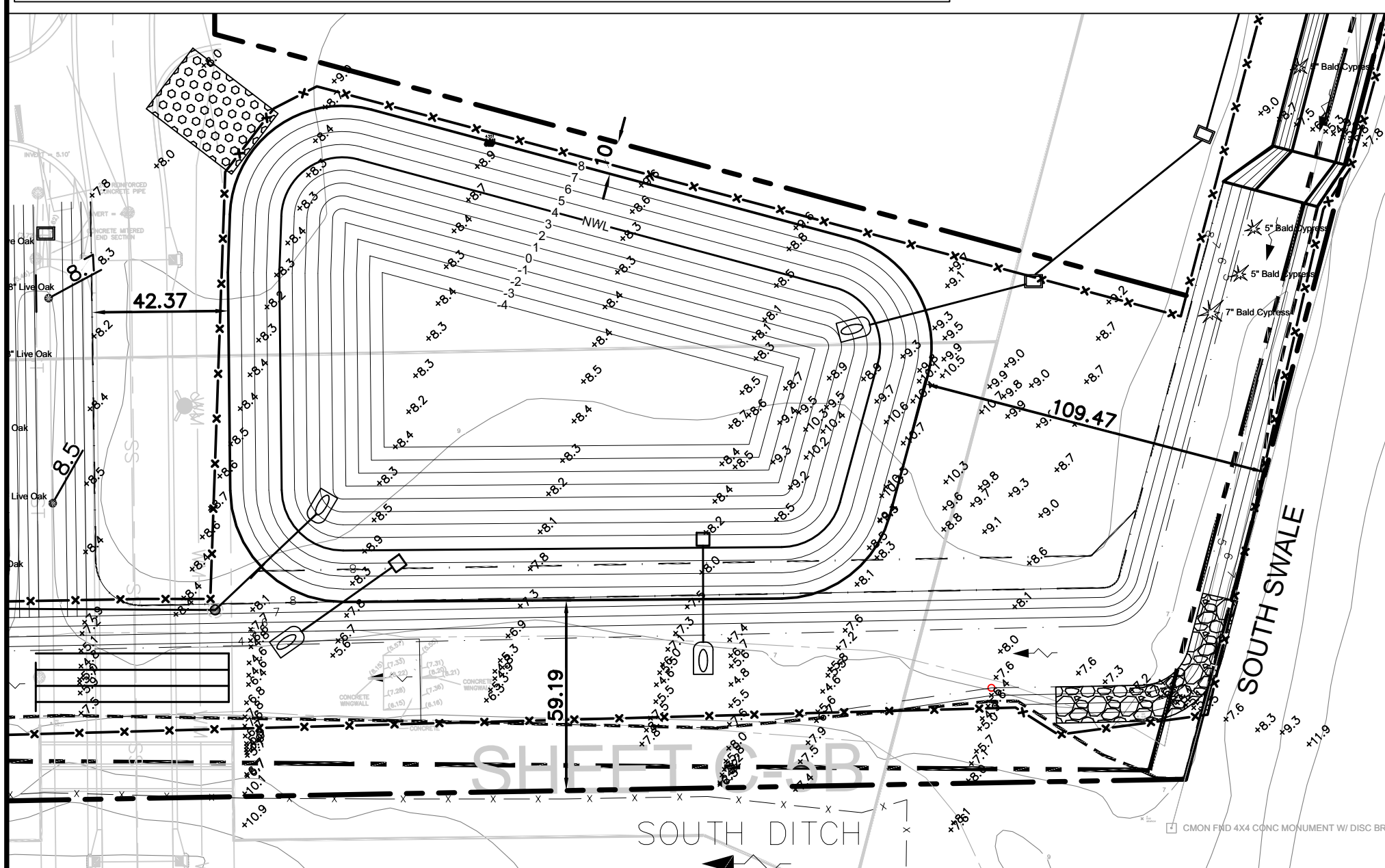
C-3

ON-SITE ICPR CONDITIONS

NOTES

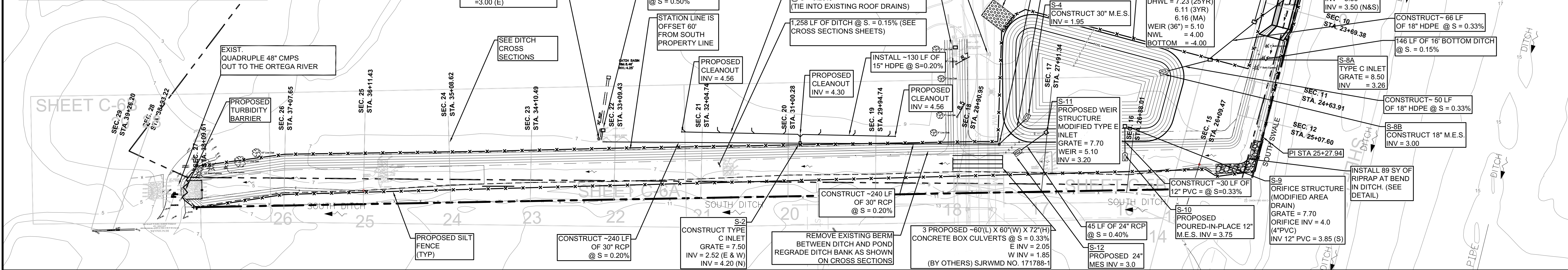
1. BASE SHEET IS FROM AS-BUILT DRAWING PROVIDED TO THE SJRWMD FOR ENGINEER'S CERTIFICATION RECORDS ASSOCIATED WITH PERMIT NO. 40-031-97503. ALL ELEVATIONS SHOWN ARE IN FEET AND ARE BASED ON NAVD83. DITCH SECTIONS, CULVERT SIZES AND STRUCTURE INVERTS HAVE BEEN PROVIDED BY DEGROVE SURVEYOR'S INC. (SEE GENERAL NOTES SHT. C-1)

2. BOUNDARY TAKEN FROM PLAT FOR "TIMUQUANA COMMERCE CENTER".



STR NO.	TYPE	TOP/GRATE	INV. EL.	COMMENTS
1	J-1B MH	8.30	3.10 (N) 3.00 (E)	
2	TYPE E INLET	7.50	2.52 (E & W) 4.30 (N)	
3	J-1B MH	8.50	2.04 (W & NE)	
4	30" M.E.S.	-	1.95	
5	TYPE C INLET	7.50	4.50 (S)	
6	TYPE E INLET	7.50	4.14 (N) 3.86 (S)	
7	TYPE C INLET	8.00	3.50 (N & S)	
8A	TYPE C INLET	8.25	3.26 (NE&W)	
8B	18" M.E.S.	-	3	
9	AREA DRAIN	7.70	3.00 (N)	4" ORIFICE INV = 4.00
10	12" M.E.S.	-	2.70	
11	MODIFIED TYPE E INLET	7.70	3.20 (S)	36" WEIR EL = 5.00
12	24" M.E.S.	-	3.00	

ENVIRONMENTAL INFORMATION	
PROJECT AREA:	32.6 AC ±
DITCH REGRADED / WIDEND:	0.76 AC ±
DITCH TO REMAIN	0.13 AC ±



NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

SCALE: 1" = 60'

DESIGNED BY: [blank]
DRAWN BY: [blank]
CHECKED BY: [blank]
DATE: AUGUST 2025
PROJECT NO. 208010.00

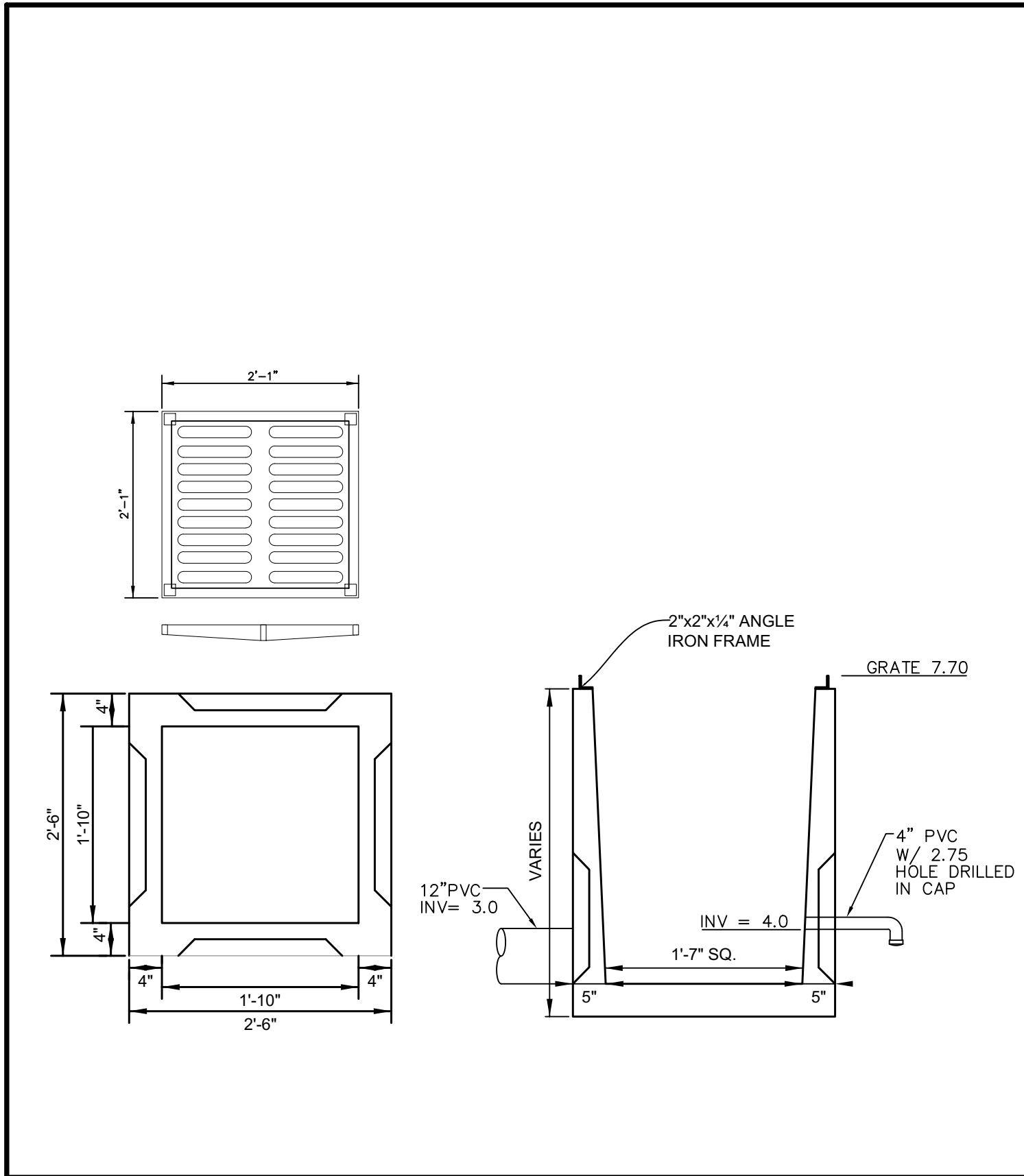
DWARDS ENGINEERING, Inc.
CONSULTING ENGINEERS

TIMUQUANA COMMERCE CENTER
7275 GOLDEN WINGS ROAD
JACKSONVILLE, FLORIDA

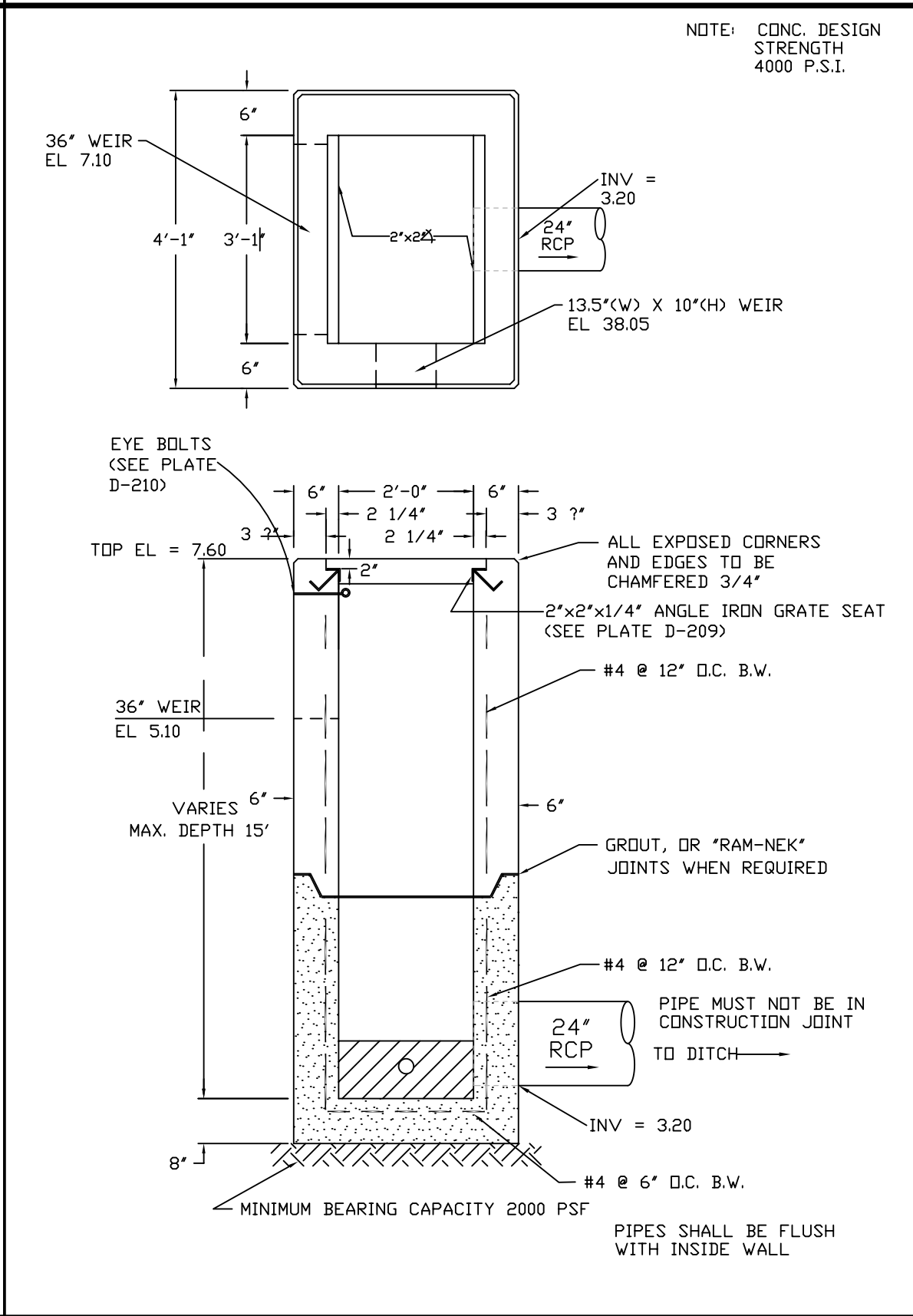
DRAINAGE IMPROVEMENTS PLAN

C-4

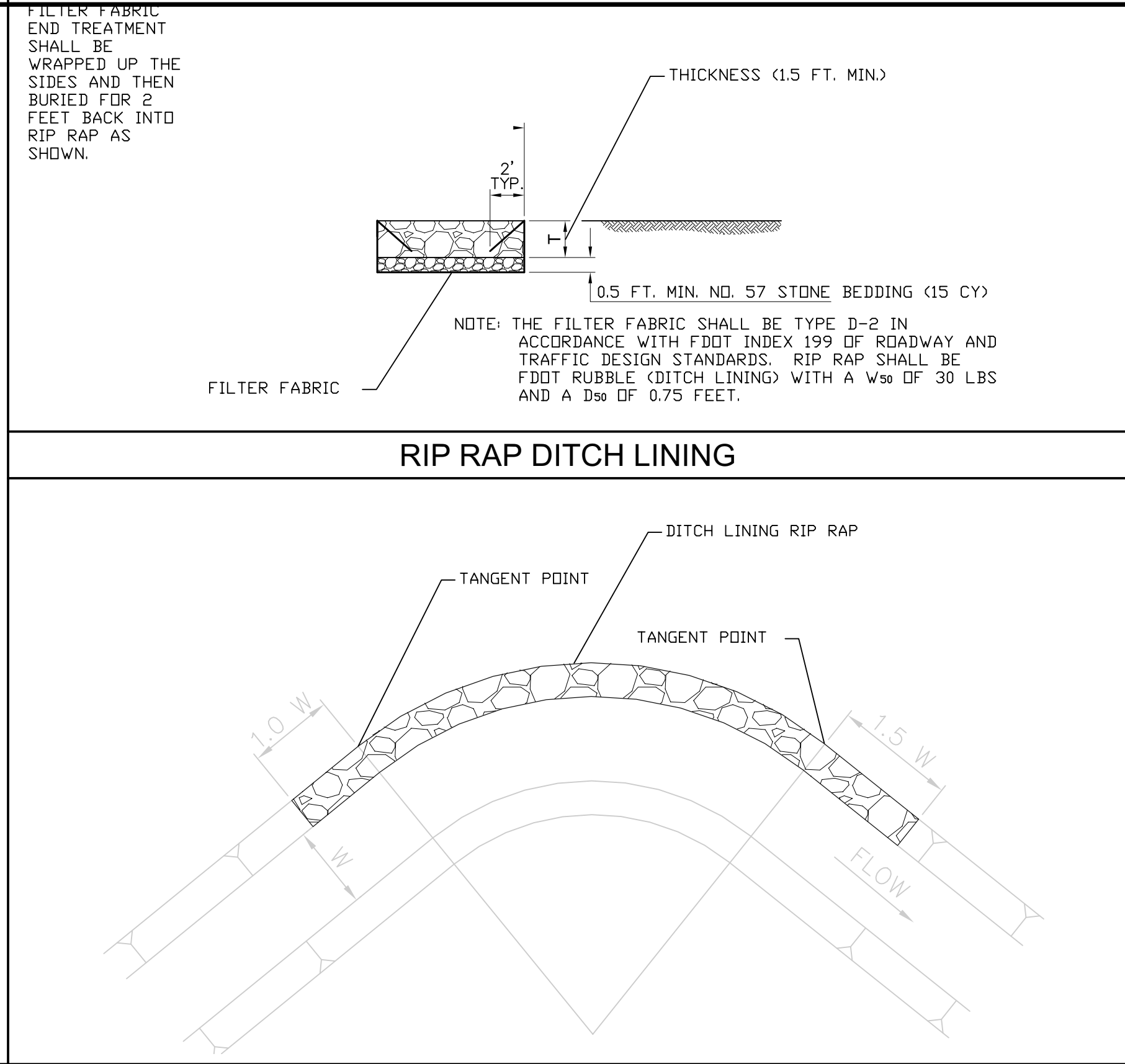
1885 CORPORATE SQUARE BOULEVARD • JACKSONVILLE, FLORIDA 32216 • PHONE (904)725-4220 • FAX: (904)725-4219



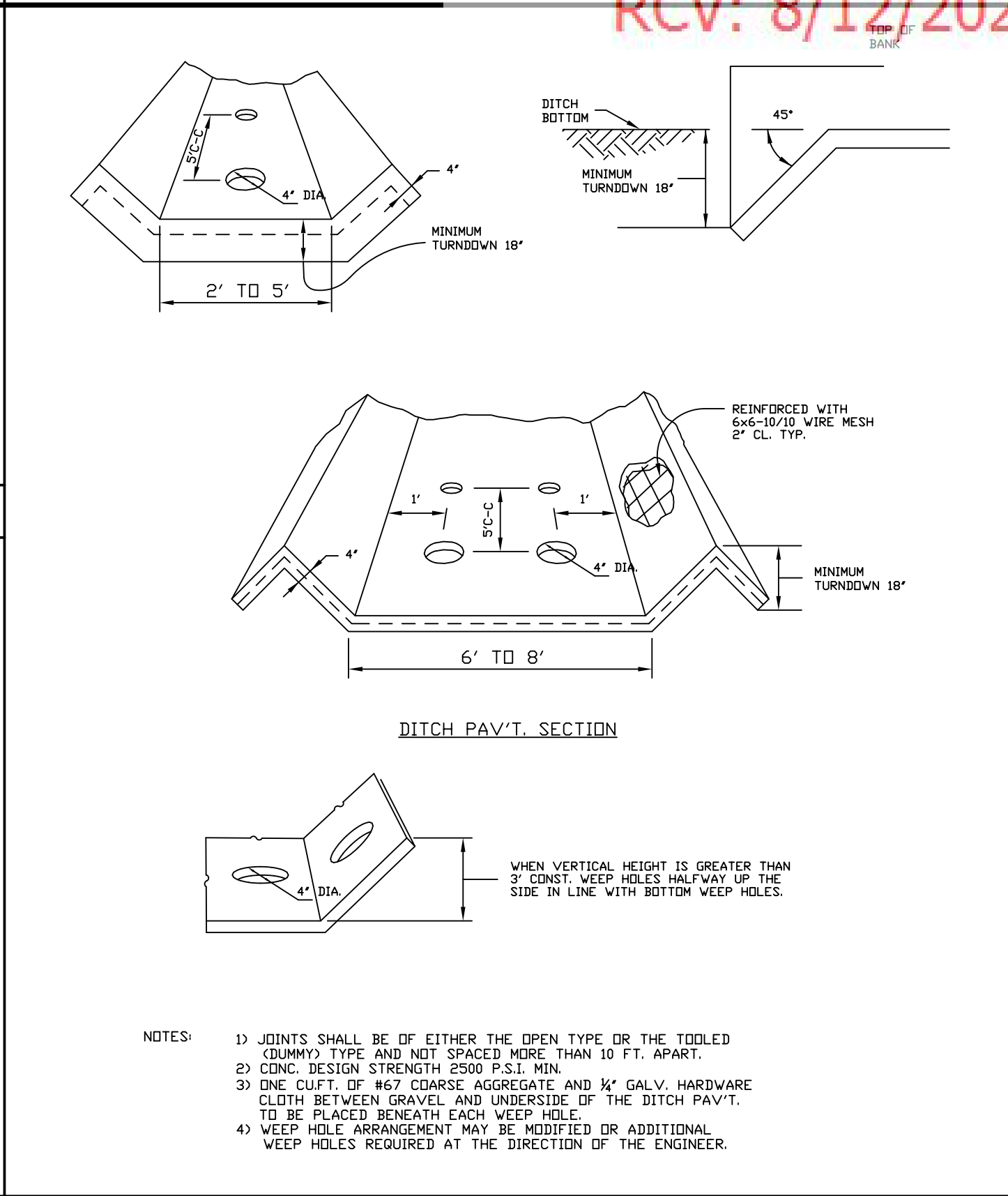
2'X2' CONCRETE YARD DRAIN



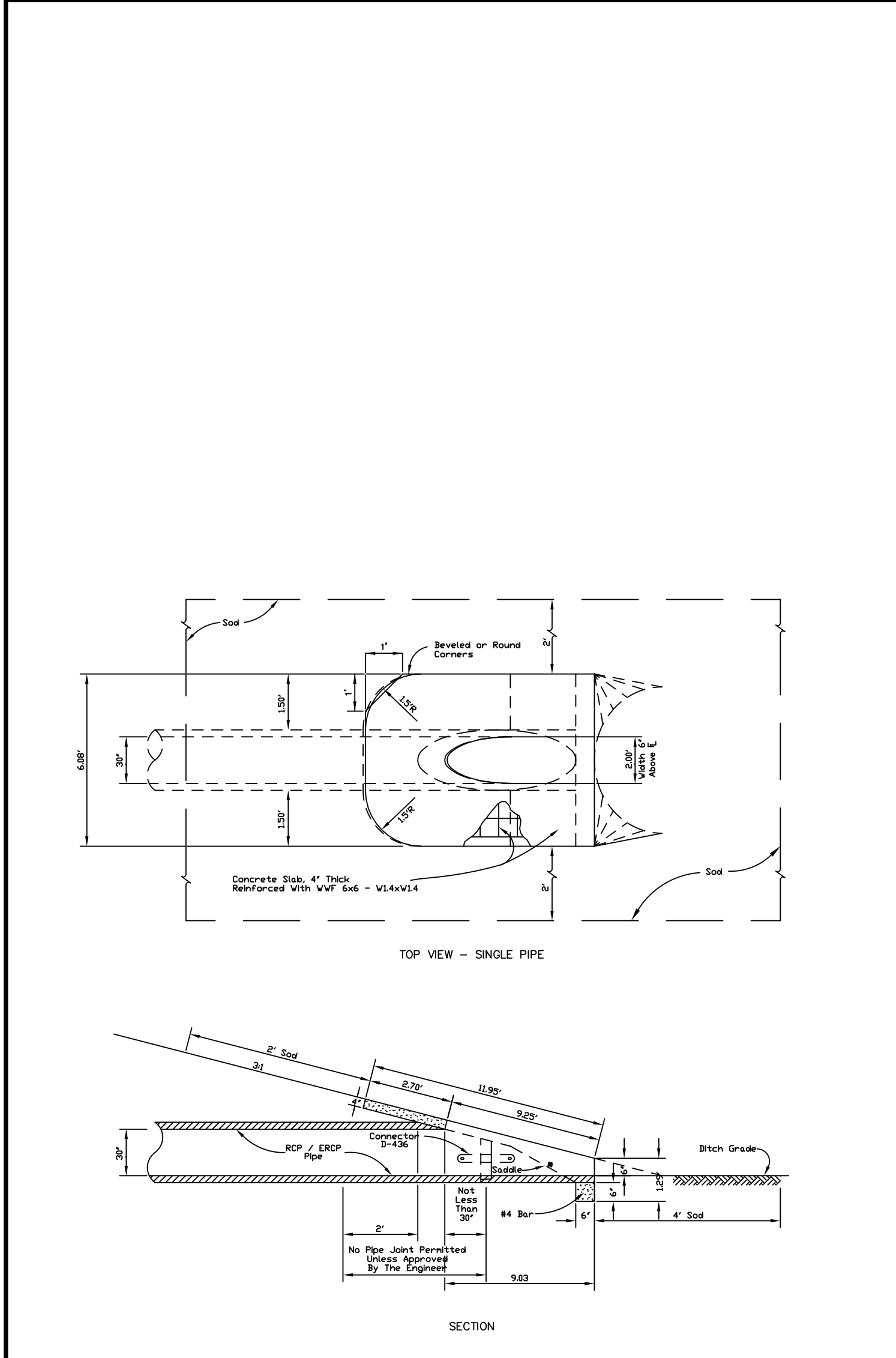
S-11 MODIFIED TYPE "C" INLET



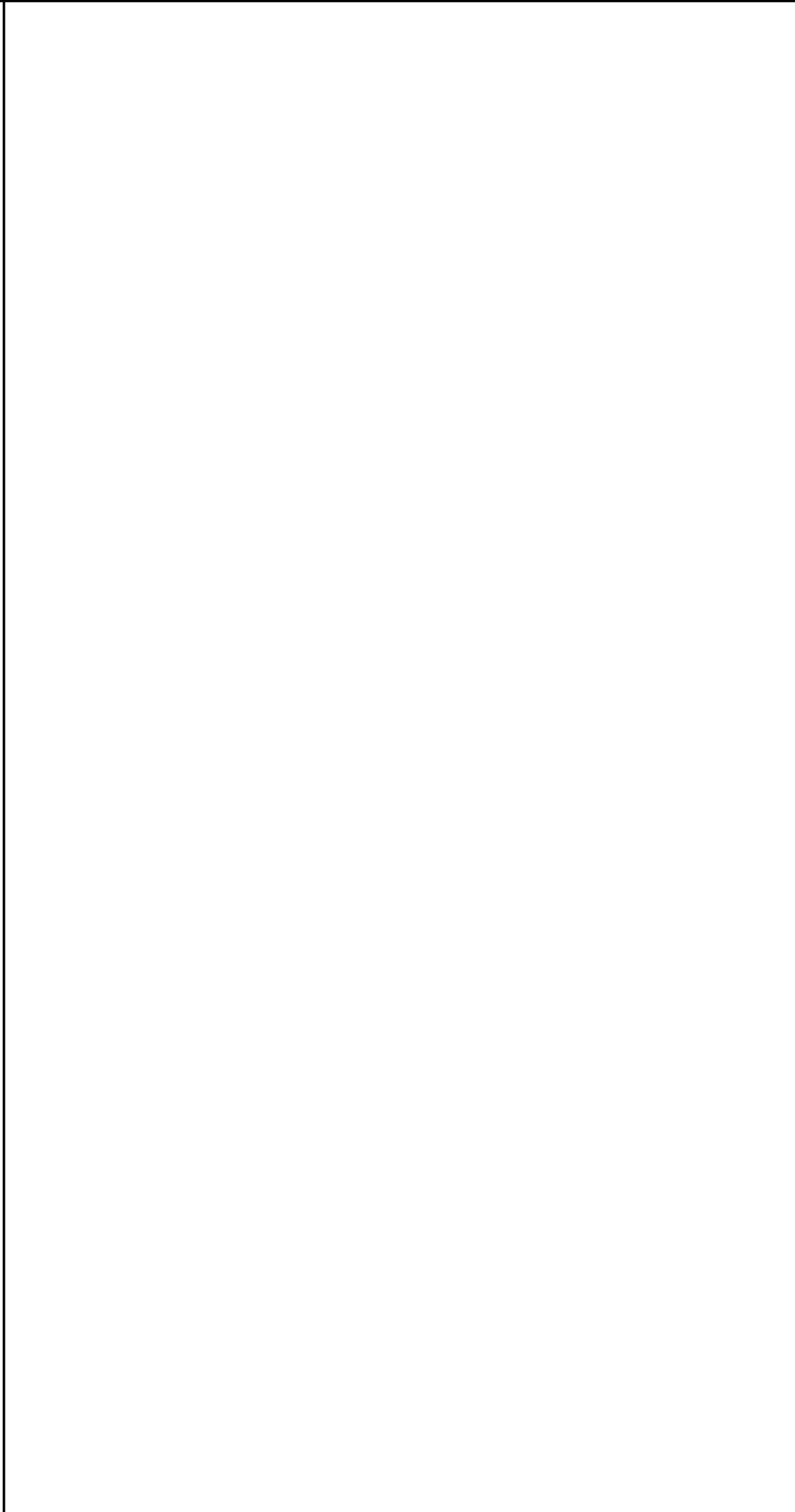
LONGITUDINAL EXTENT OF RIP RAP DITCH LINING



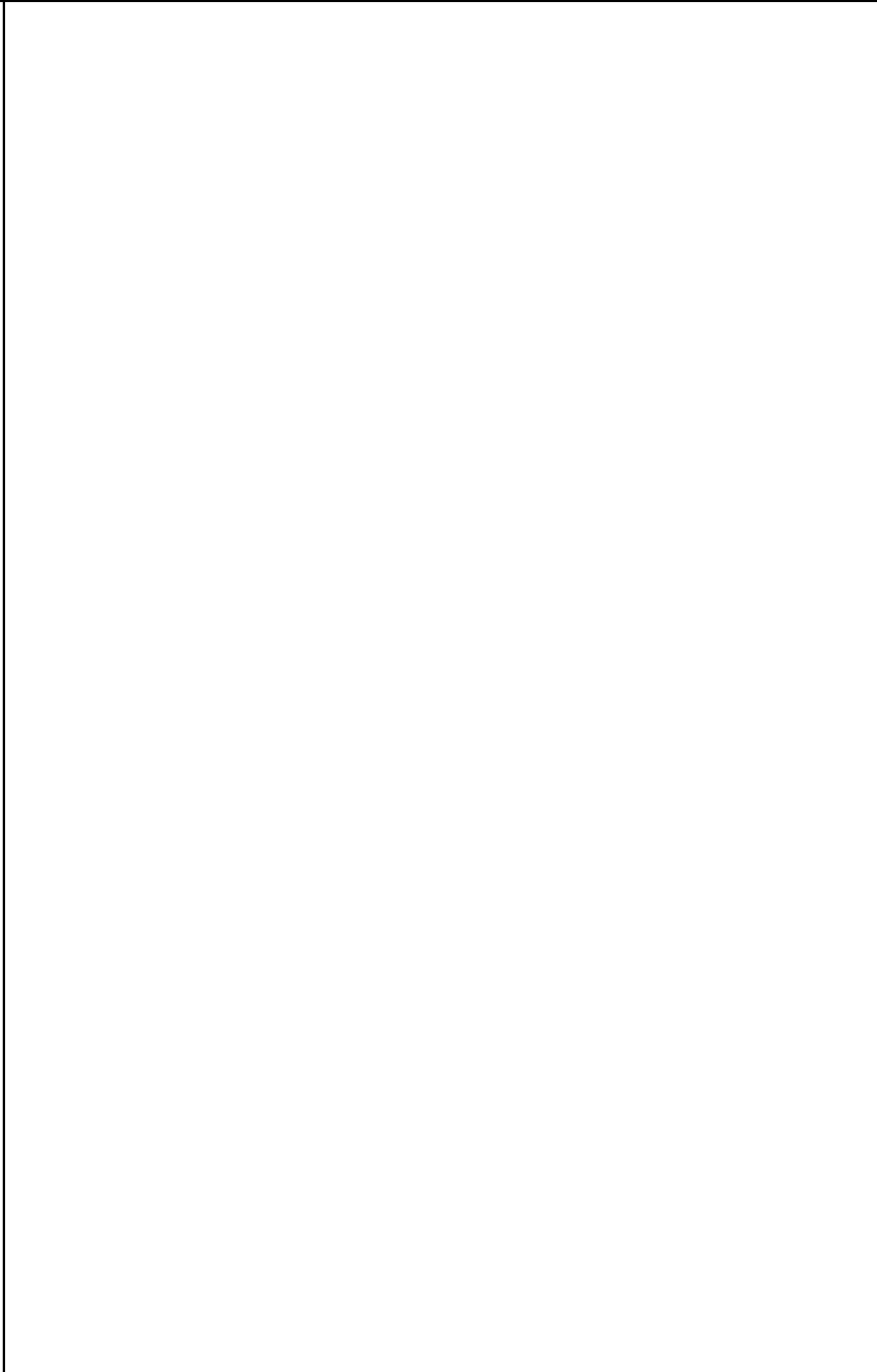
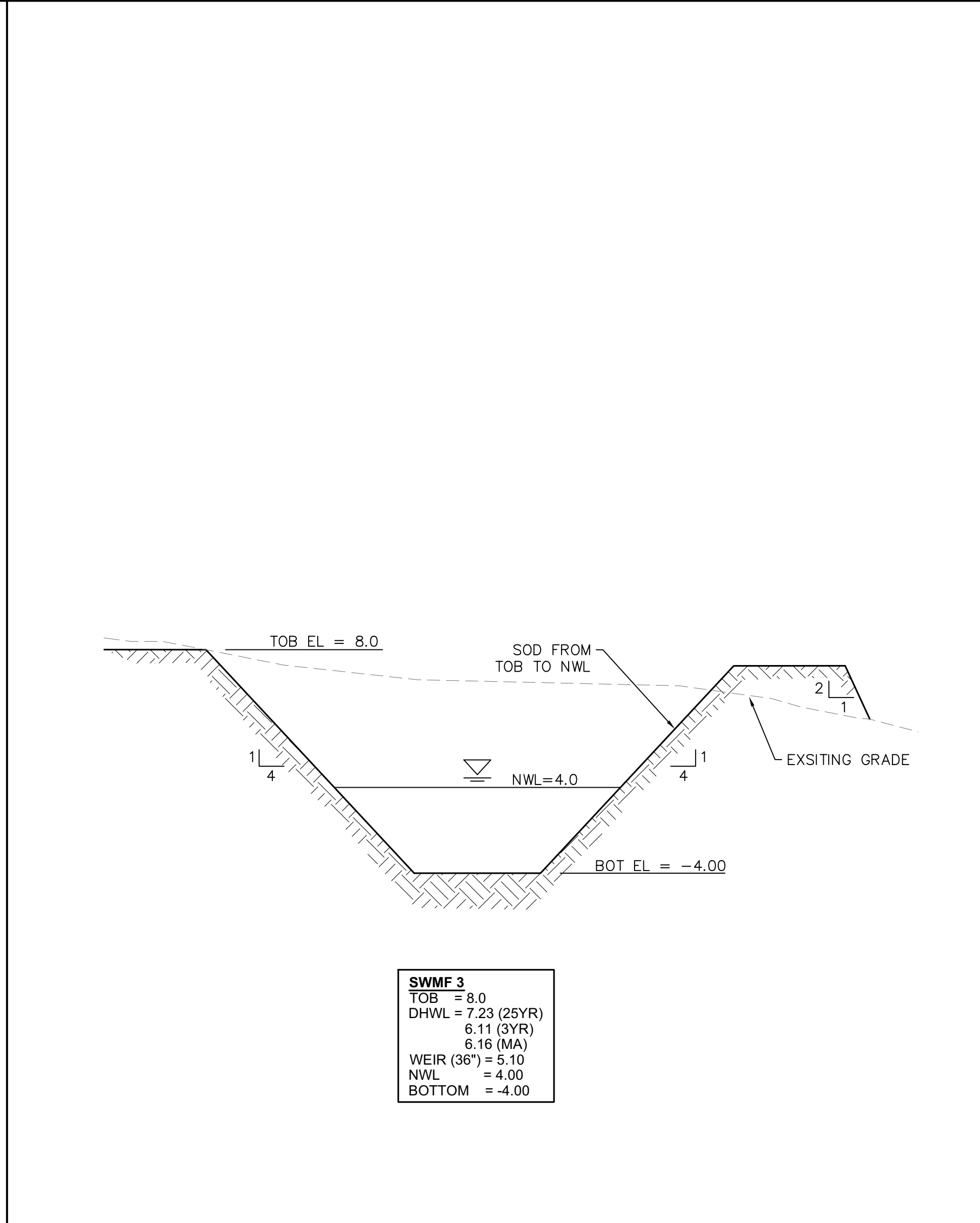
CONCRETE DITCH PAVING & WEEPHOLE ARRANGEMENT



MITERED END SECTION (PLATE D-435)



SWMF 3 DETAIL (N.T.S.)



SCALE	N.T.S.	NO.	DATE	REVISIONS	NO.	DATE	REVISIONS
DESIGNED BY	GE	1	-	7	8	9	10
DRAWN BY	GE	2	-	8	9	10	11
CHECKED BY	GE	3	-	9	10	11	12
DATE	AUGUST 2025	4	-	10	11	12	
PROJECT NO.	209010.00	5	-	11	12		
PROJECT NO.	209010.00	6	-	12			

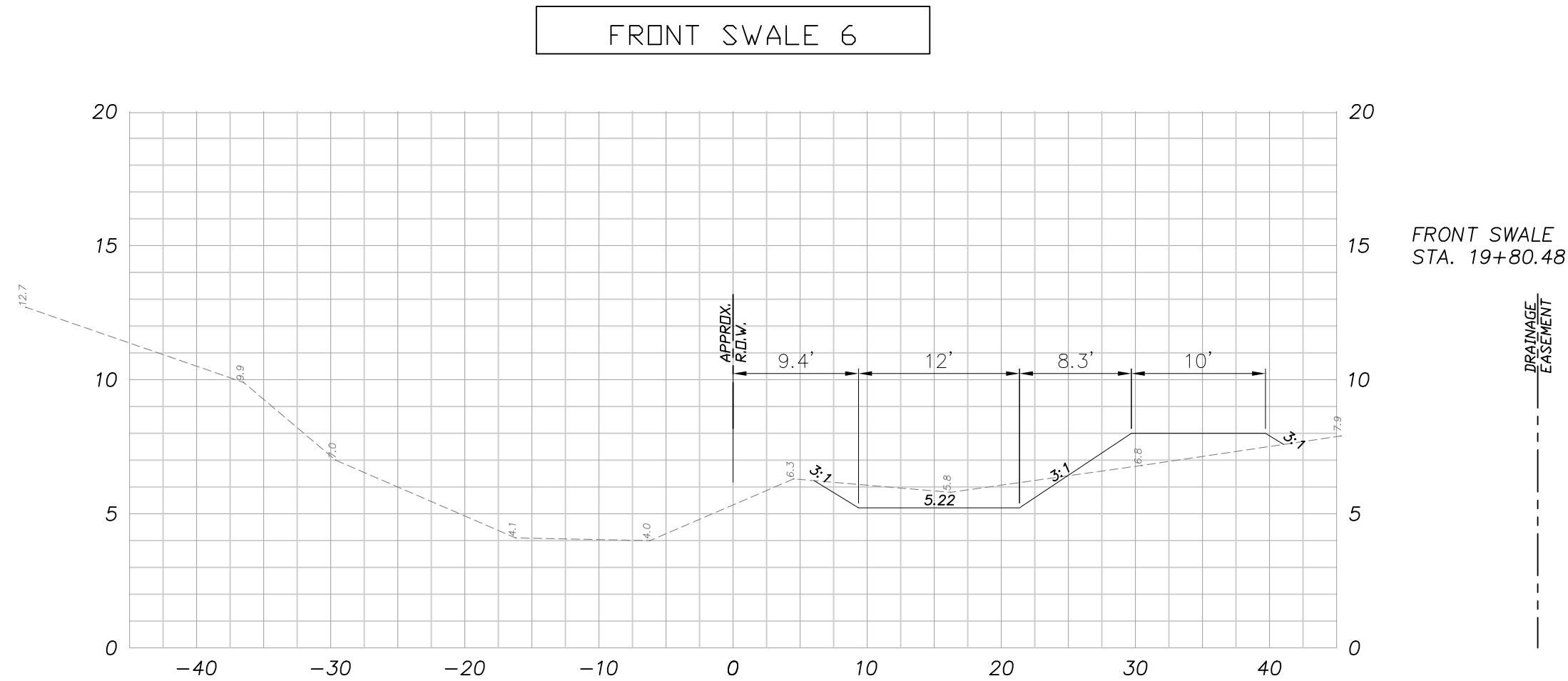
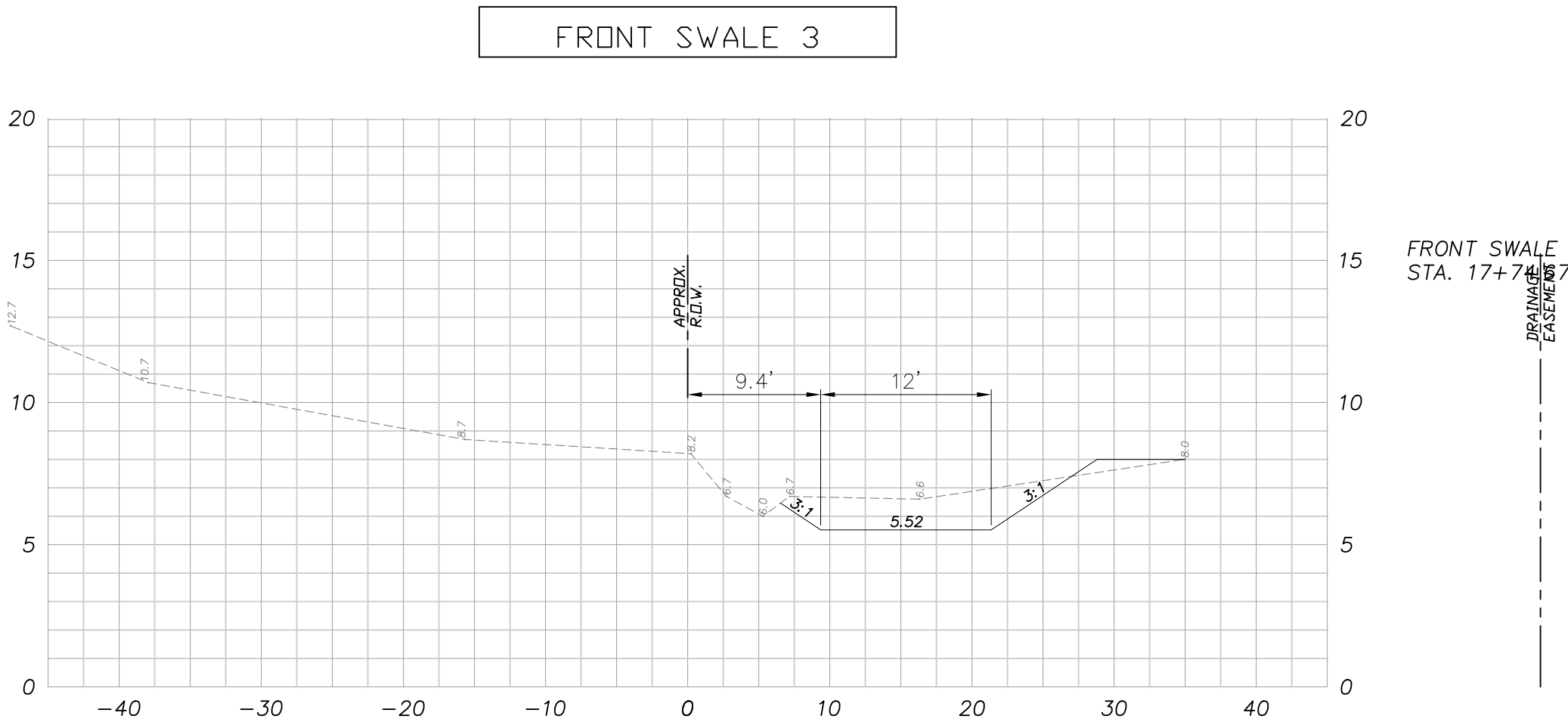
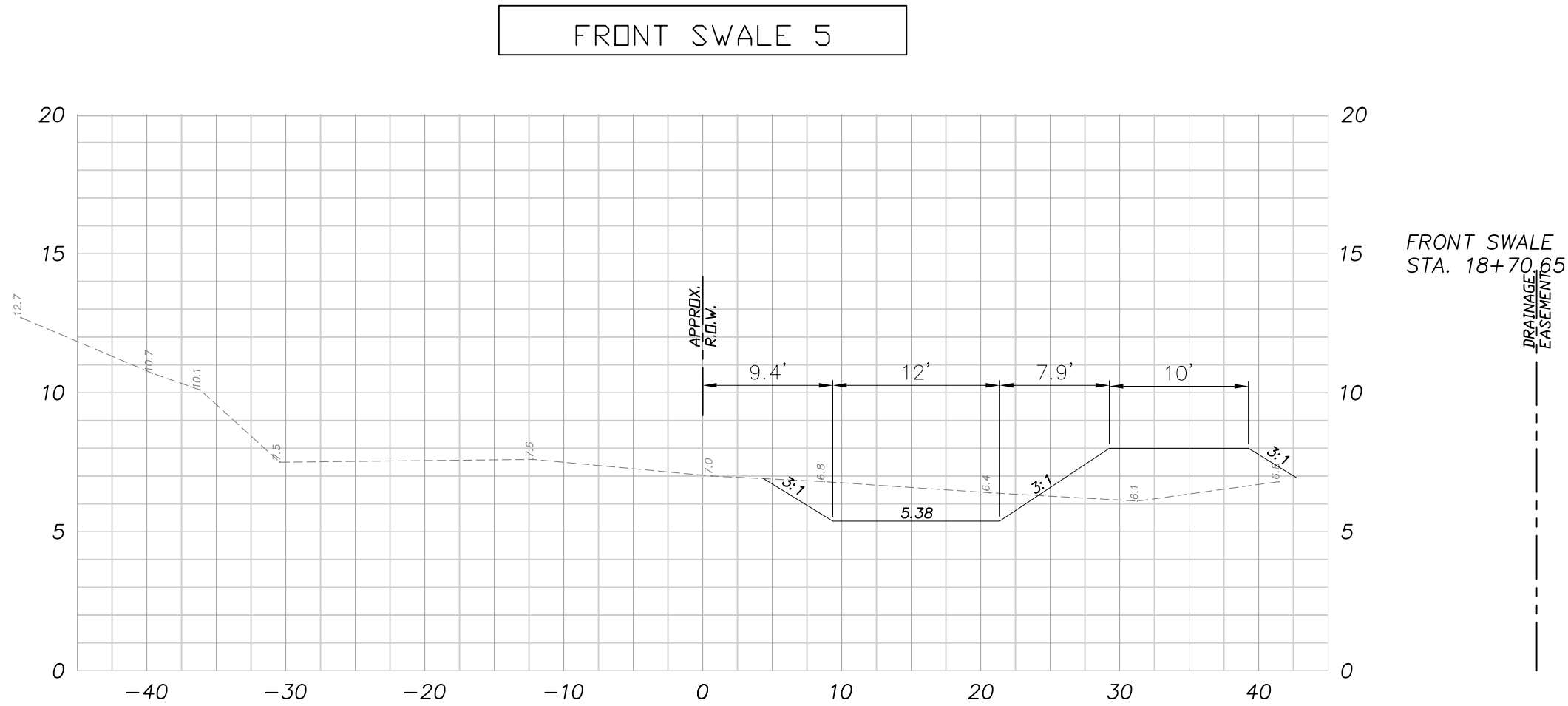
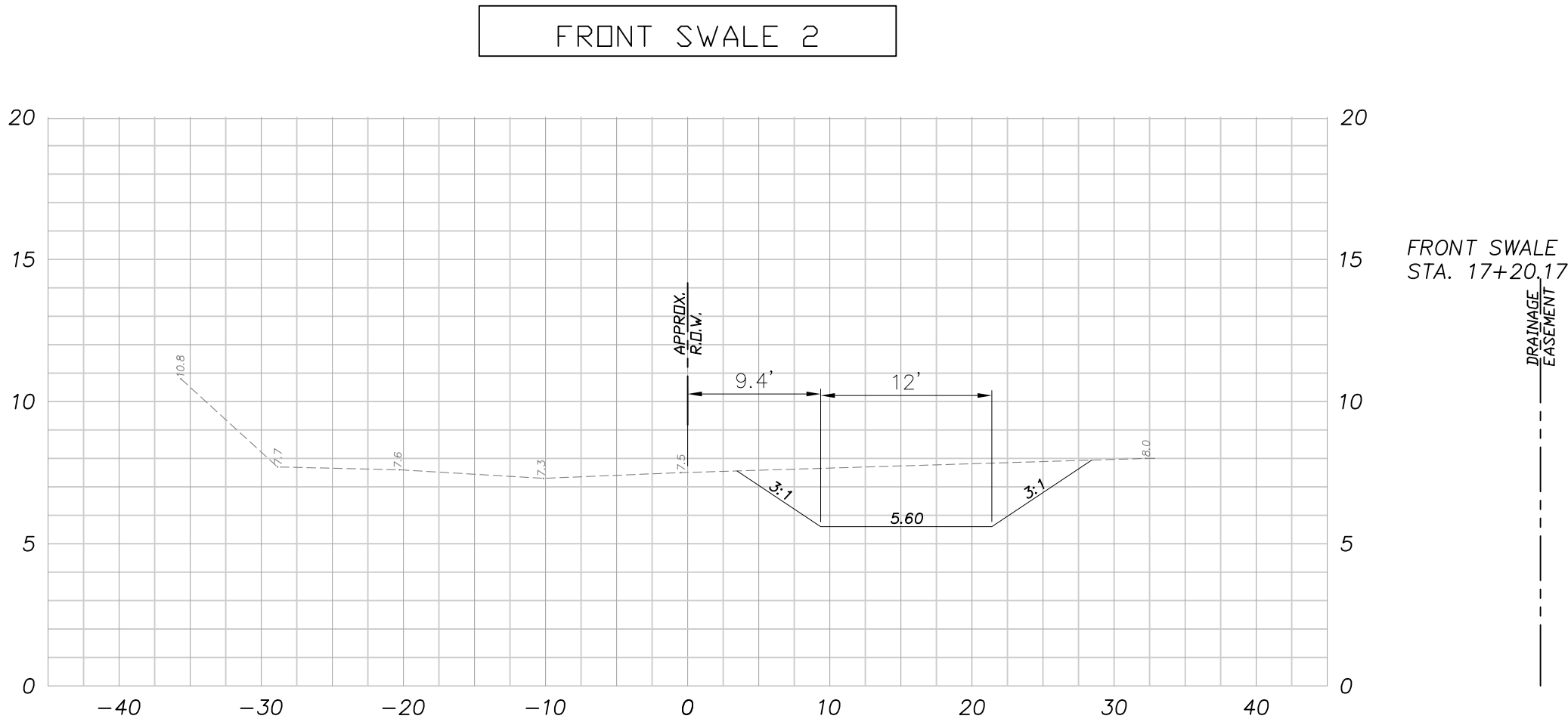
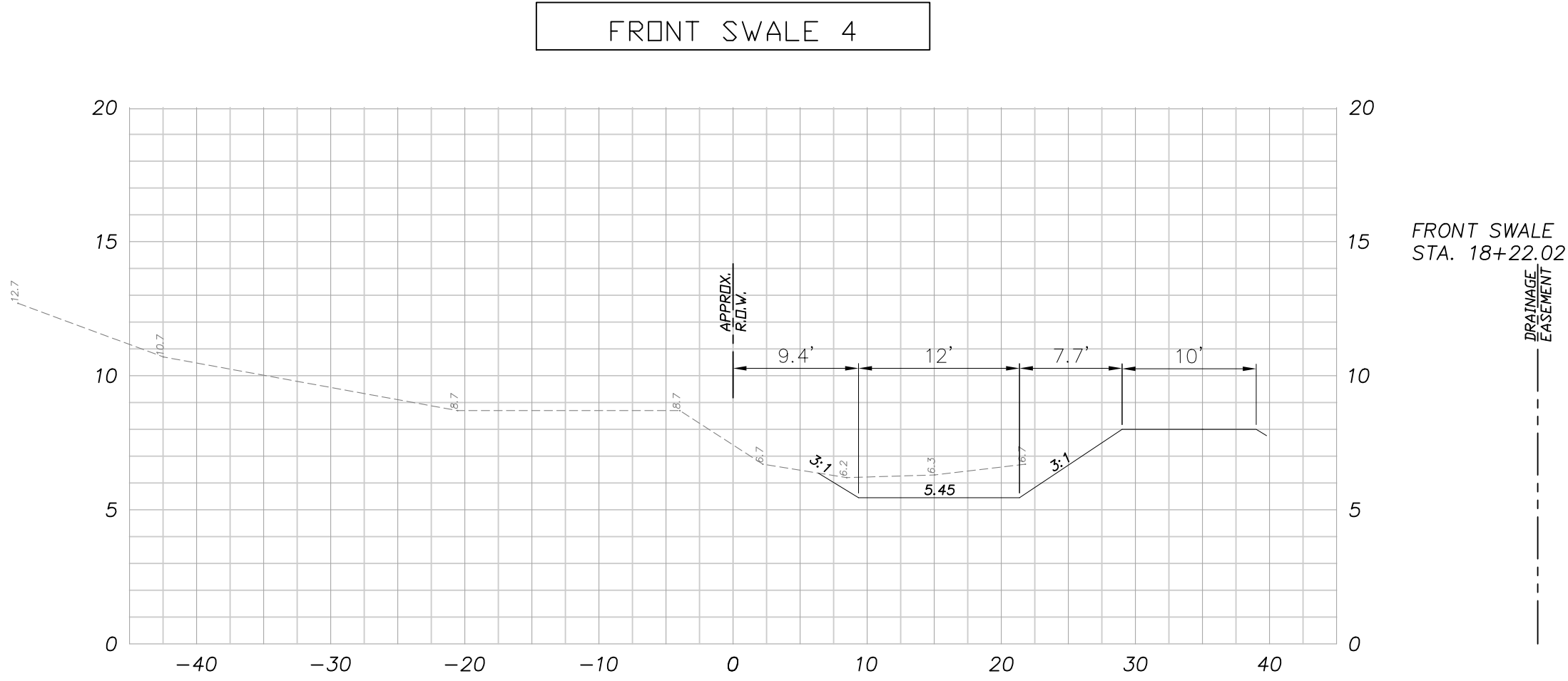
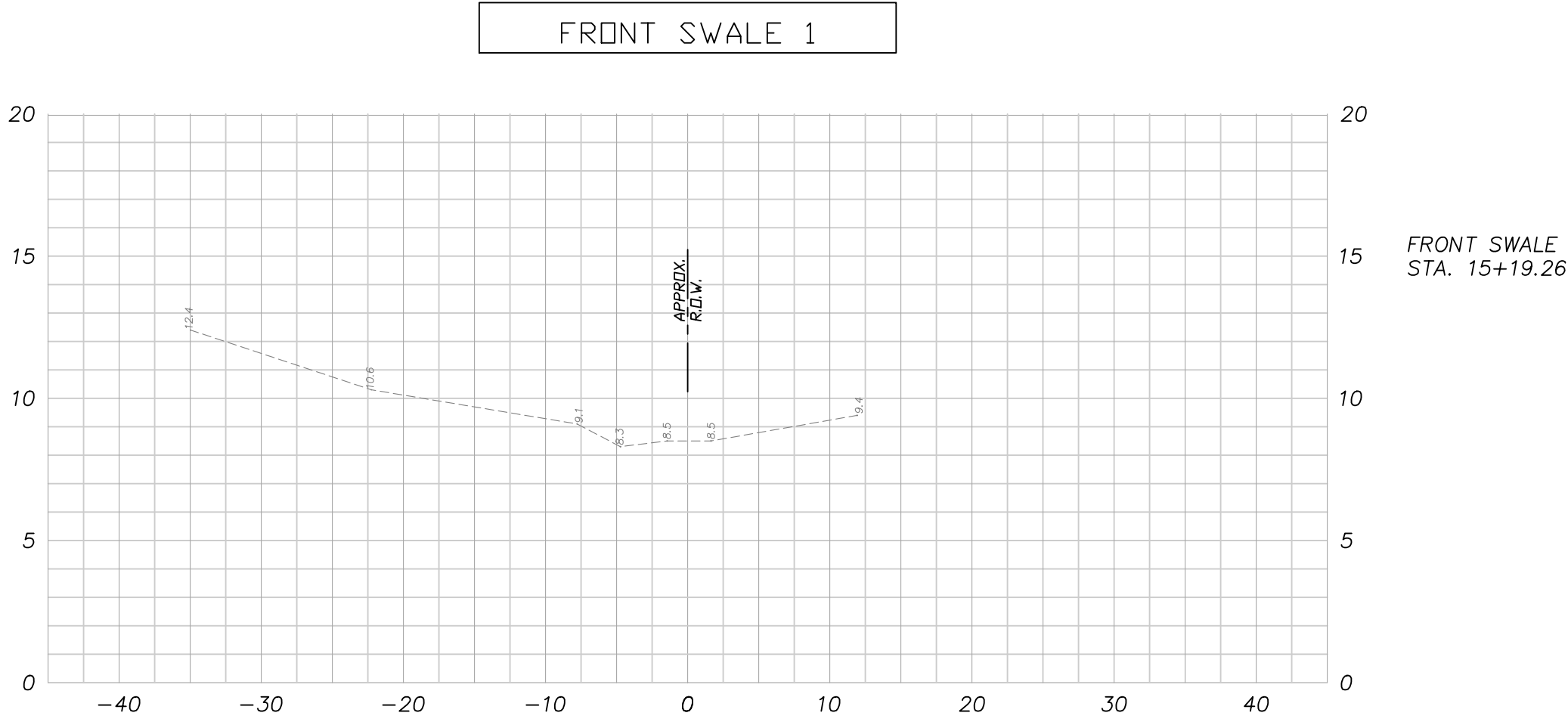
DWARDS ENGINEERING, Inc.
CONSULTING ENGINEERS

1885 CORPORATE SQUARE BOULEVARD • JACKSONVILLE, FLORIDA 32216 • PHONE (904)725-4220 • FAX: (904)725-4221

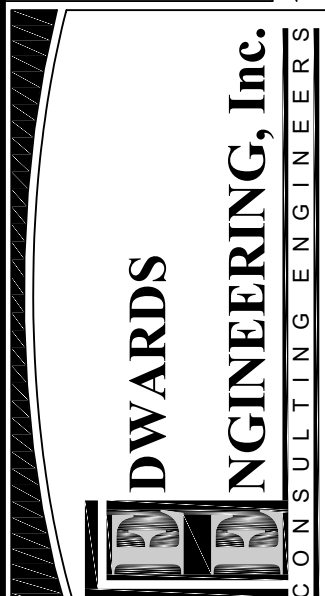
TIMUQUANA COMMERCE CENTER
7275 GOLDEN WINGS ROAD
JACKSONVILLE, FLORIDA

DRAINAGE DETAILS

C-5

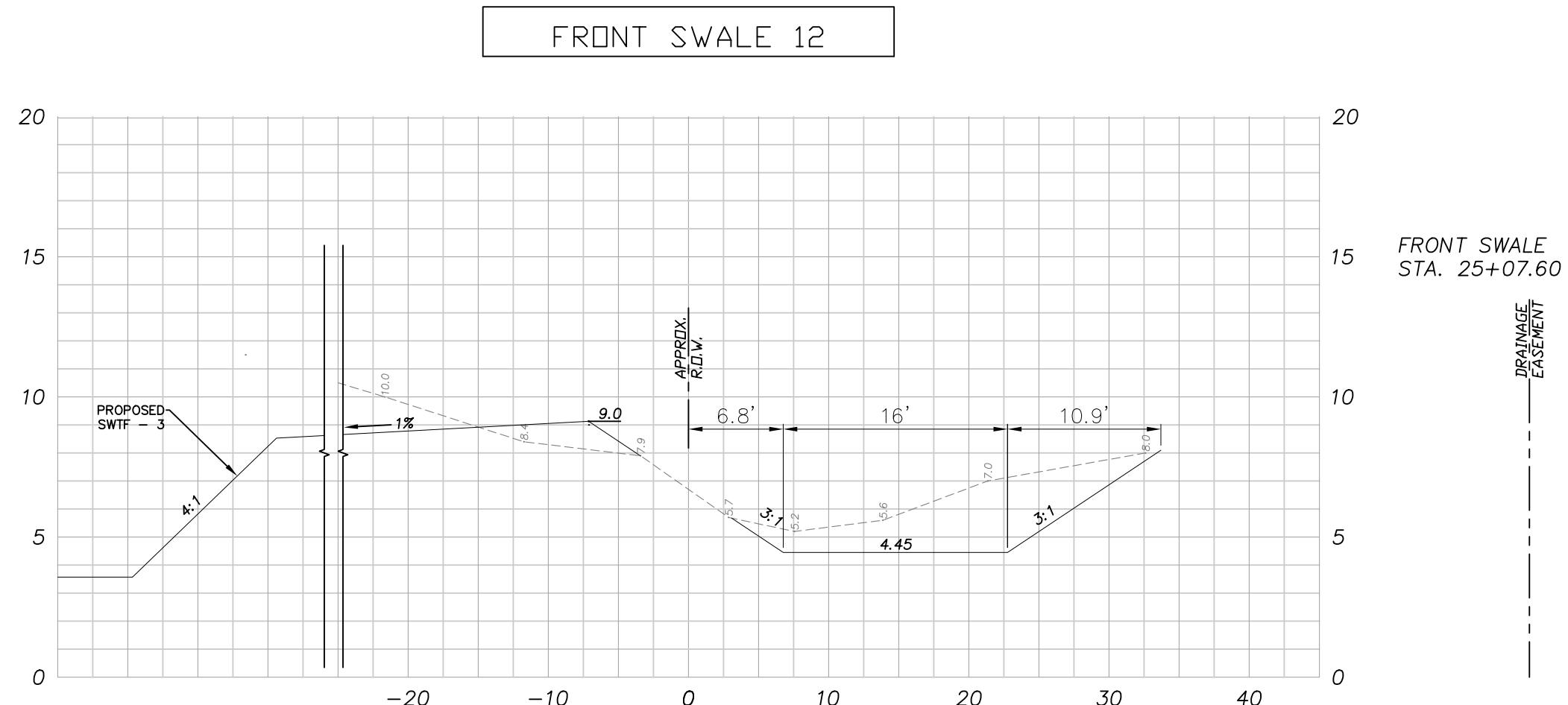
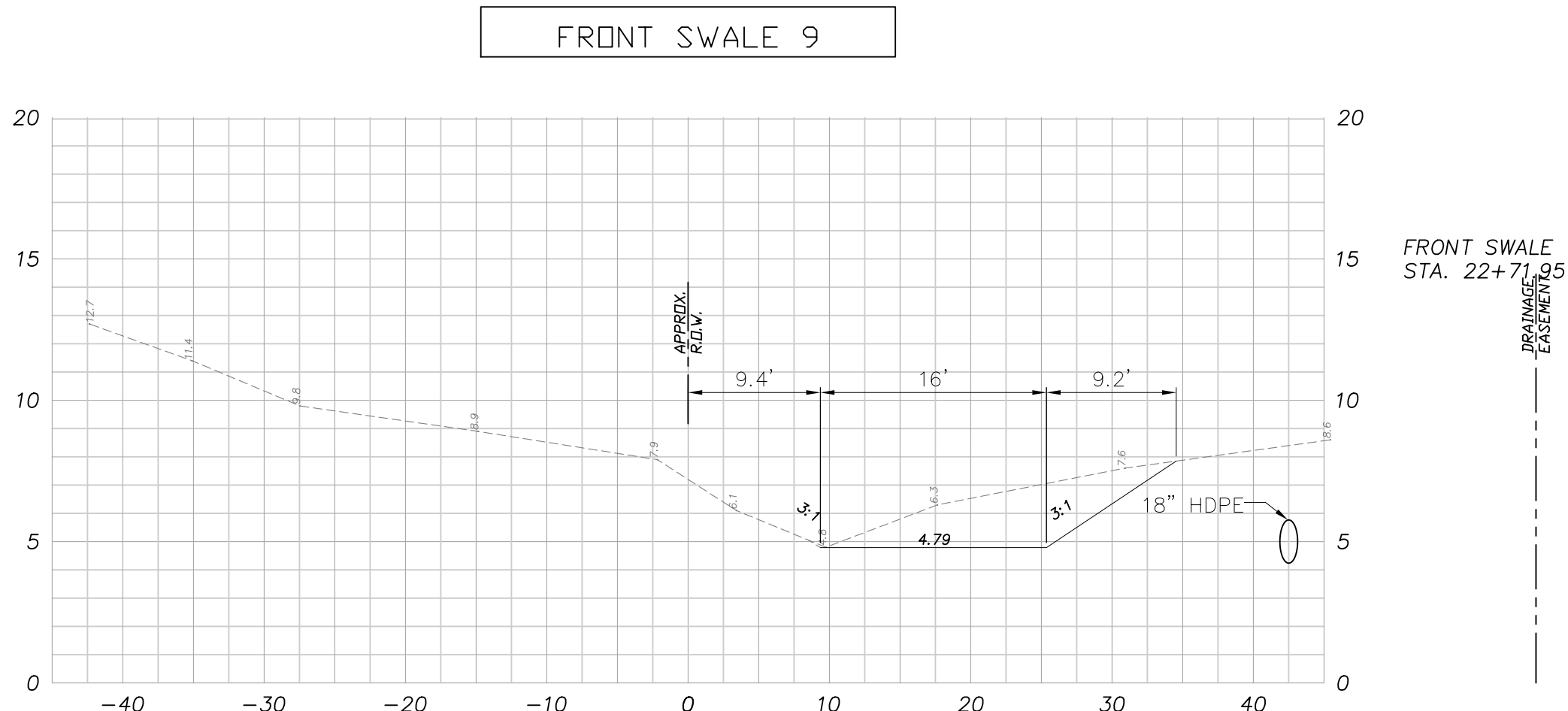
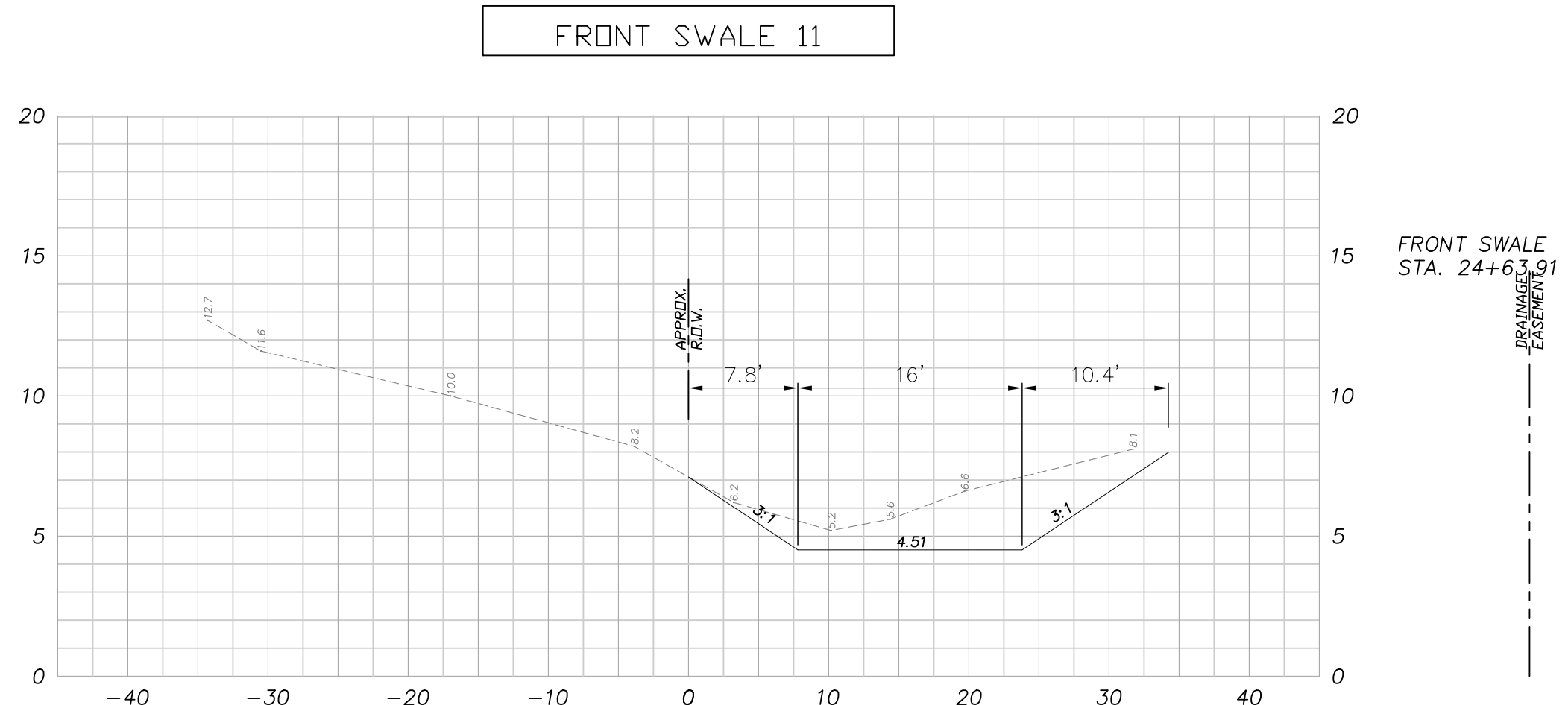
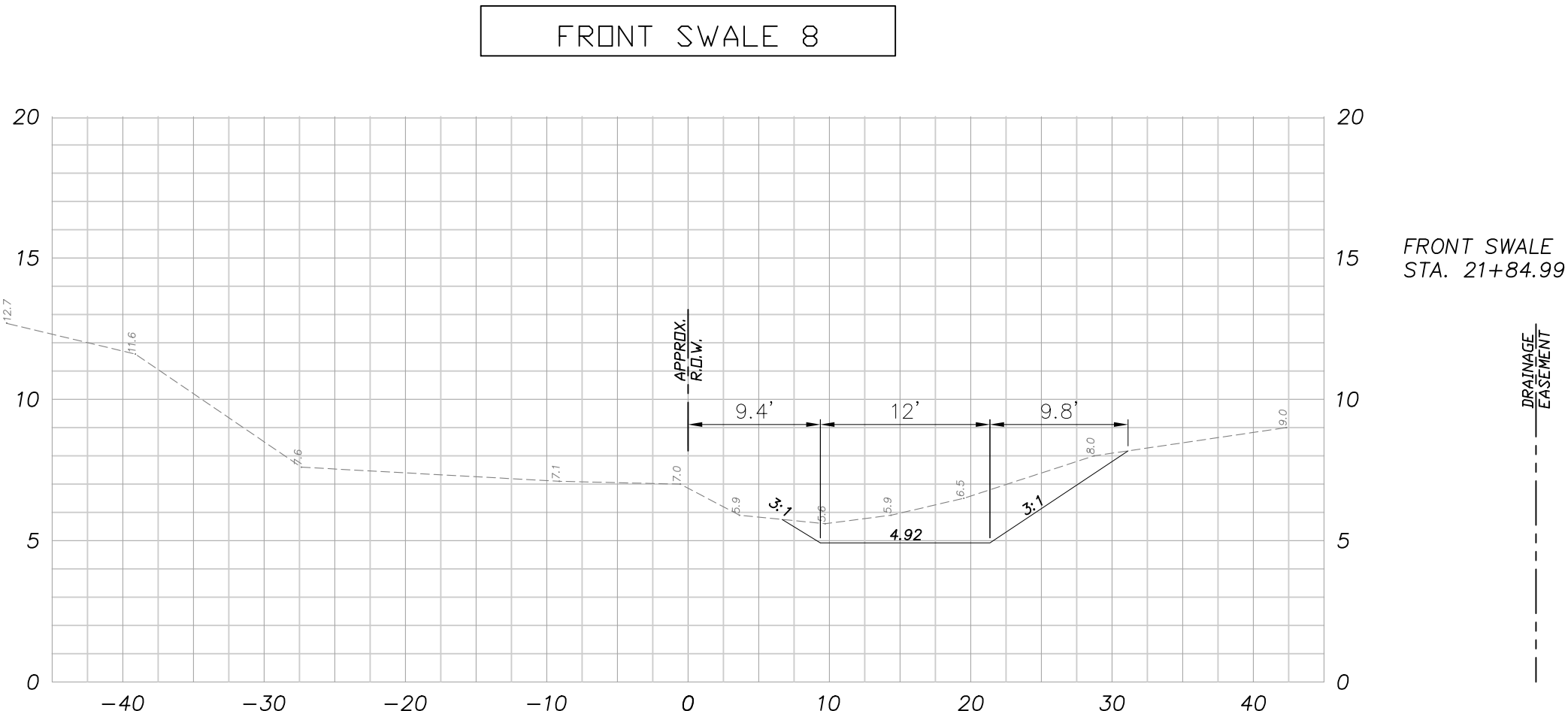
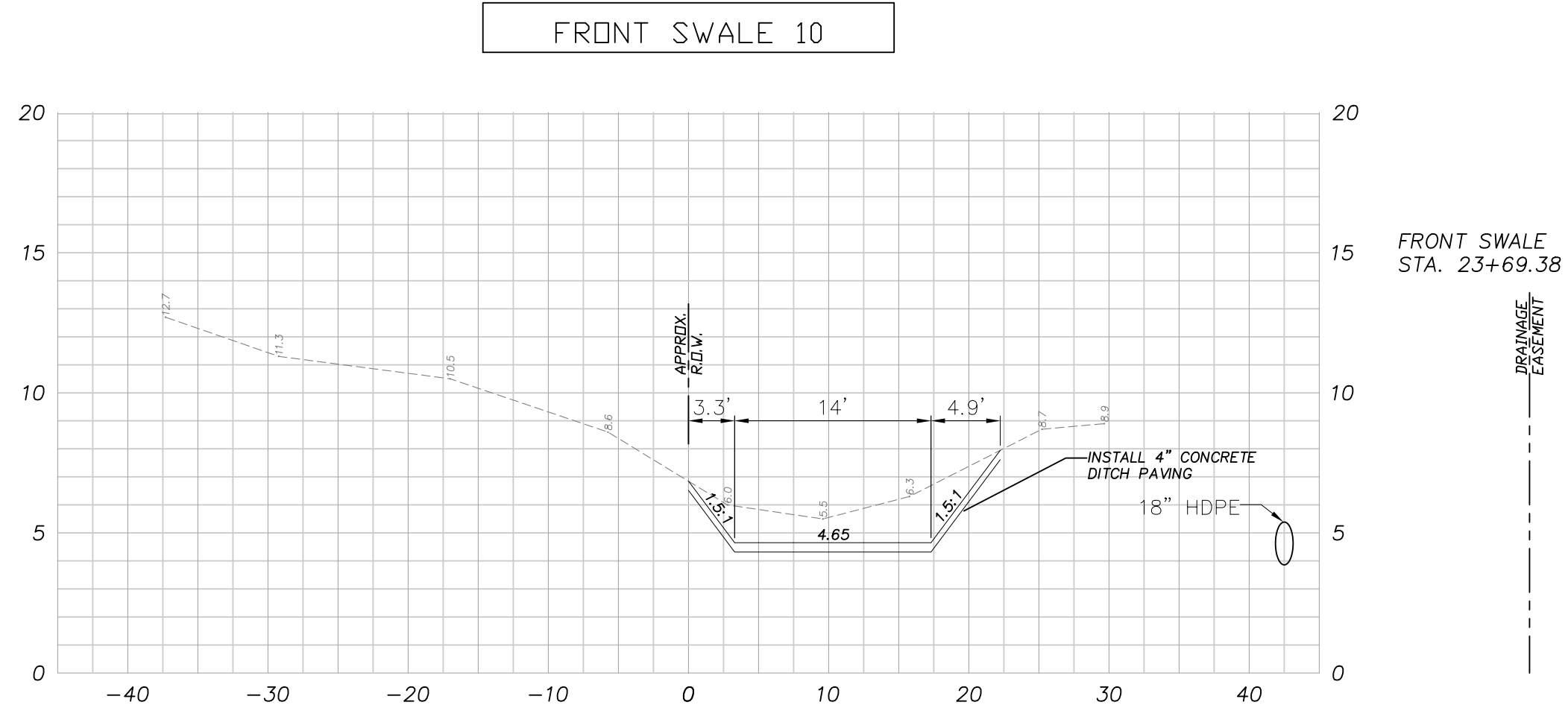
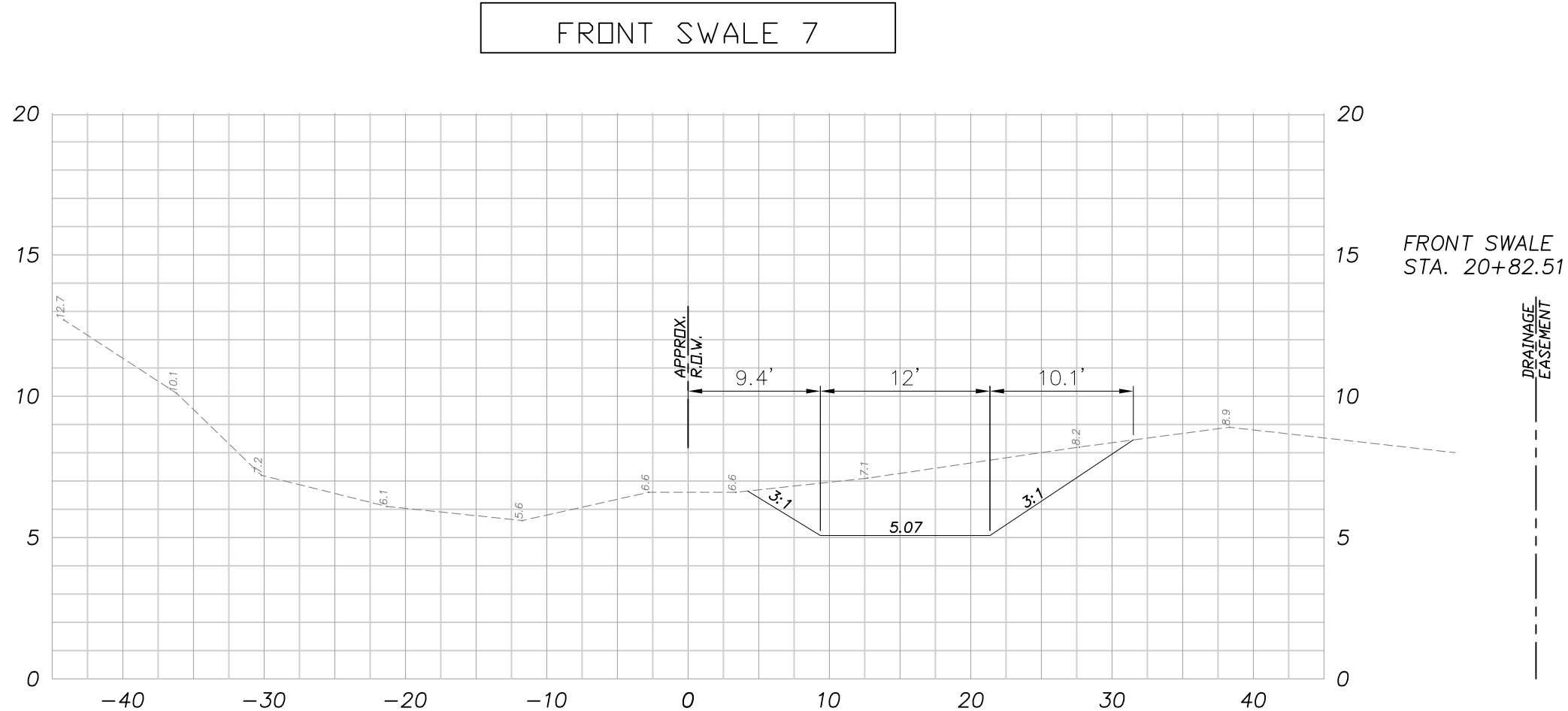


SCALE	N.T.S.	NO.	DATE	REVISIONS	NO.	DATE	REVISIONS
DESIGNED BY	GE	1			7		
DRAWN BY		2			8		
CHECKED BY		3			9		
DATE	AUGUST 2025	4			10		
PROJECT NO.	209010.00	5			11		
		6			12		

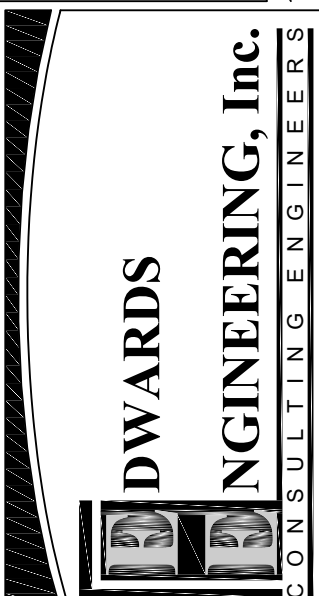


TIMUQUANA COMMERCE CENTER
7275 GOLDEN WINGS ROAD
JACKSONVILLE, FLORIDA

CROSS SECTIONS (1)



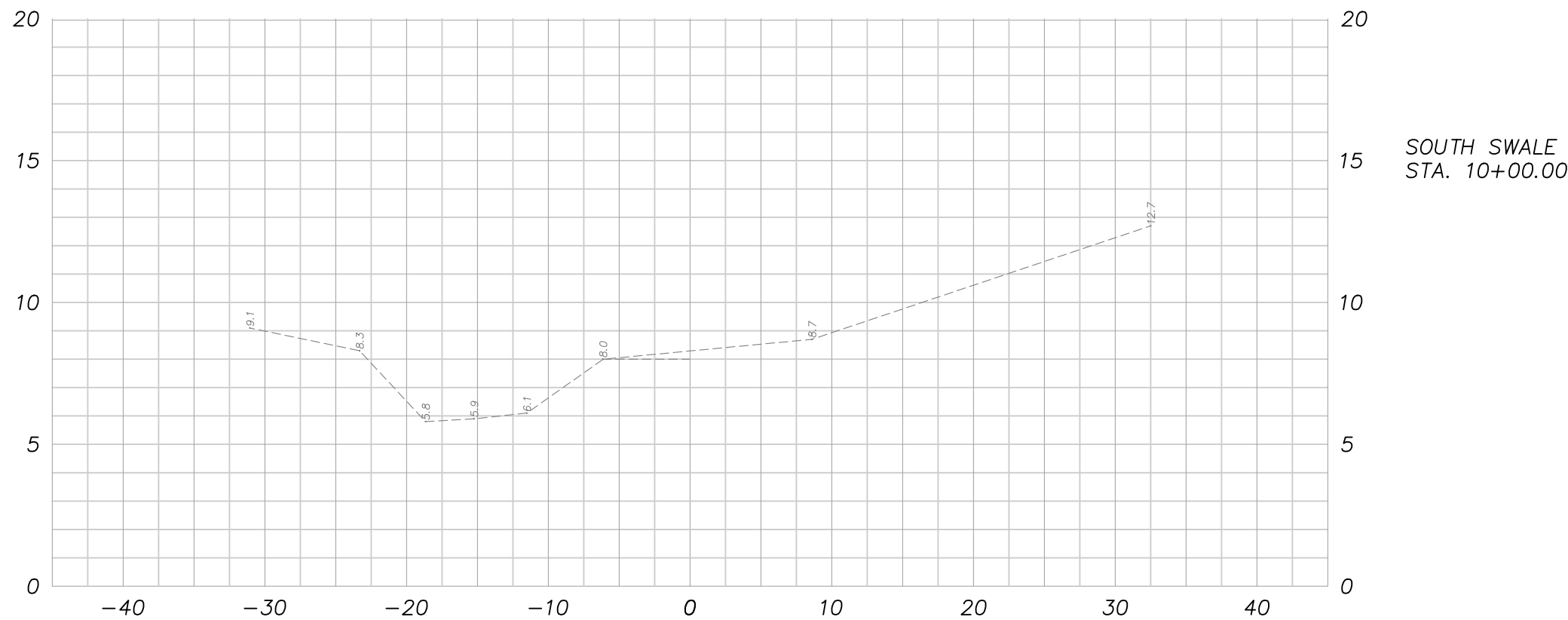
NO.	DATE	REVISIONS	NO.	DATE	REVISIONS
1			7		
2			8		
3			9		
4			10		
5			11		
6			12		



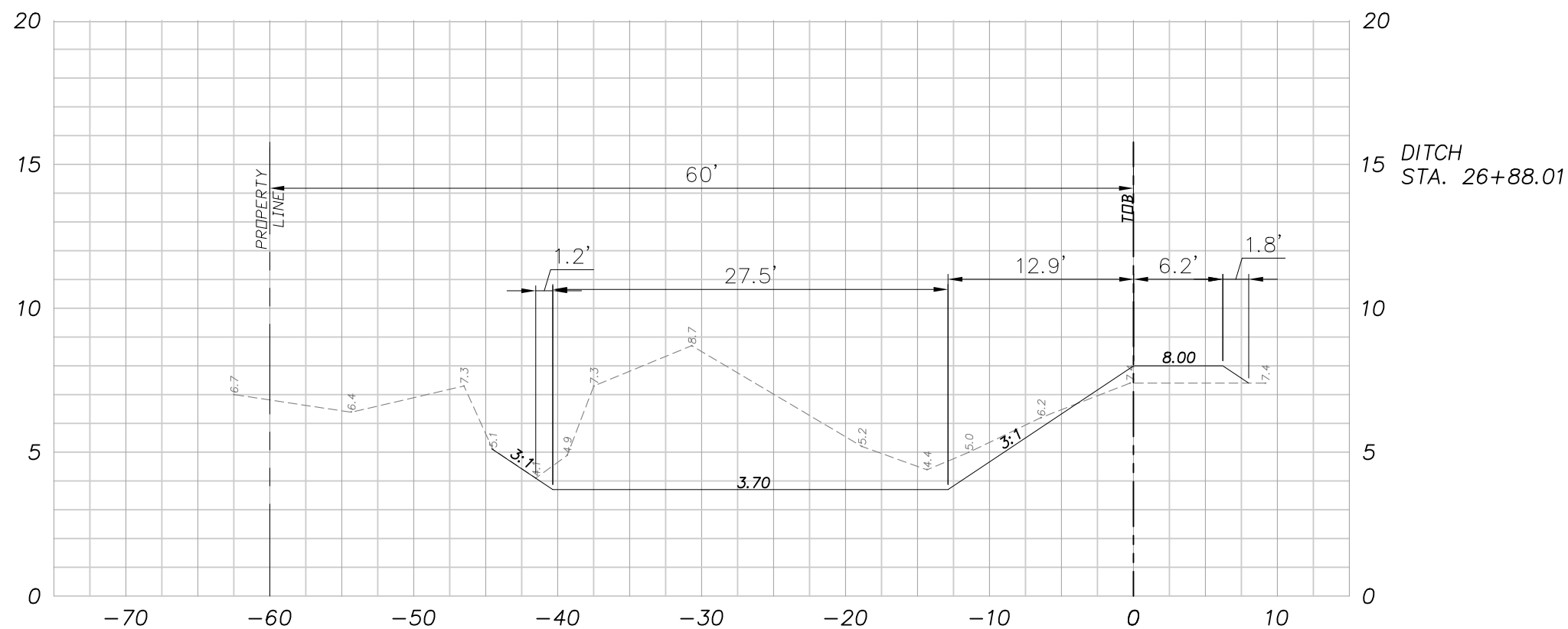
TIMUQUANA COMMERCE CENTER
7275 GOLDEN WINGS ROAD
JACKSONVILLE, FLORIDA

CROSS SECTIONS (2)

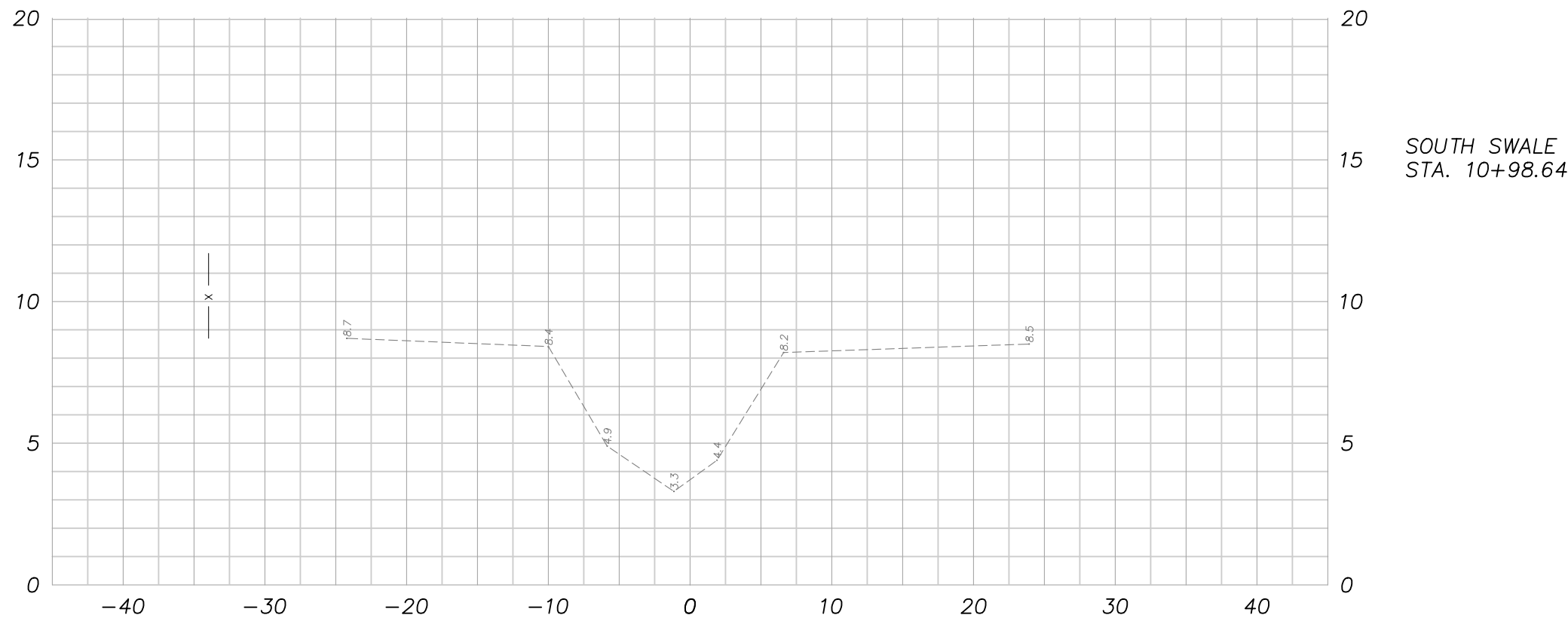
SOUTH SWALE 13



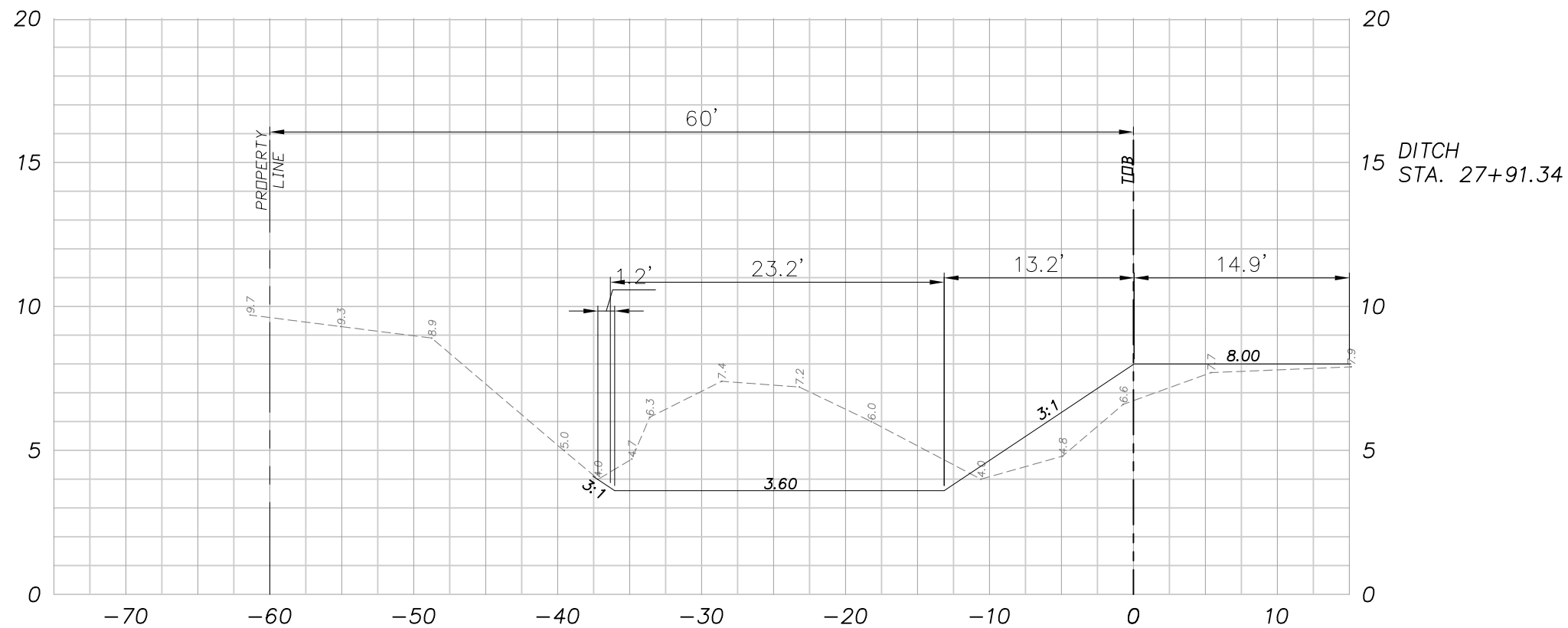
SOUTH DITCH 16



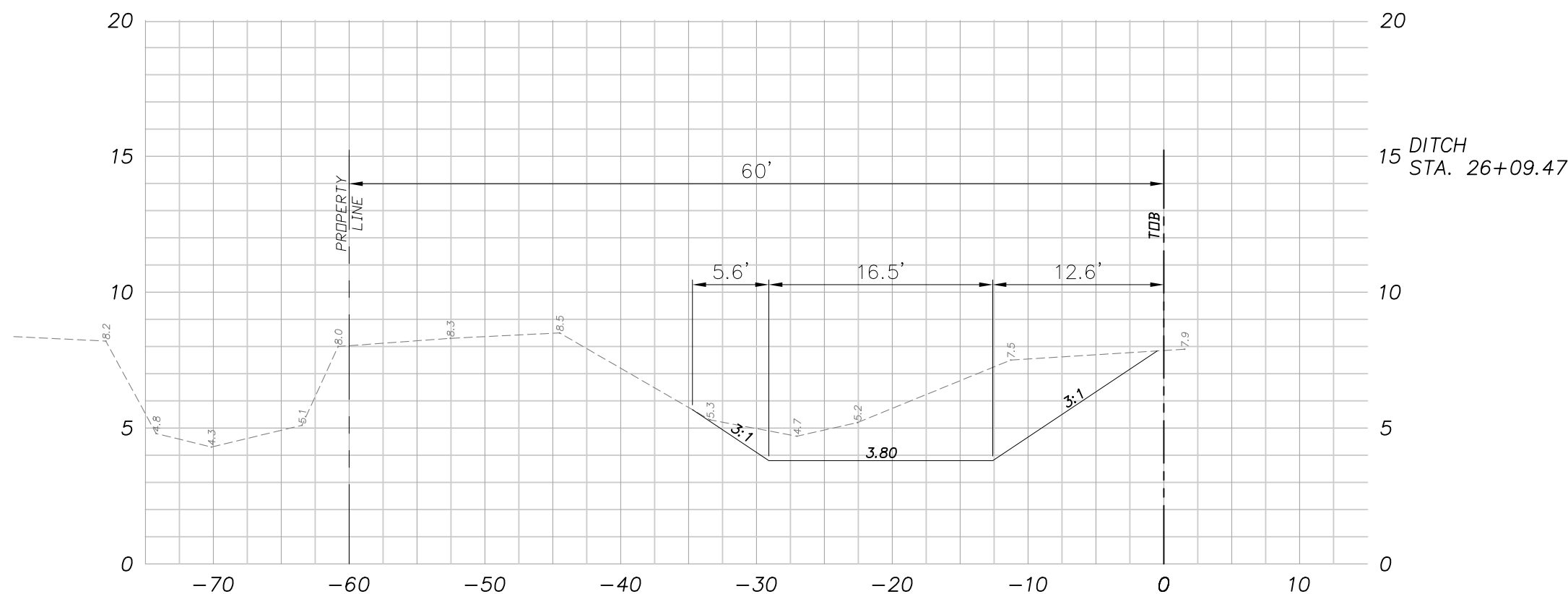
SOUTH SWALE 14



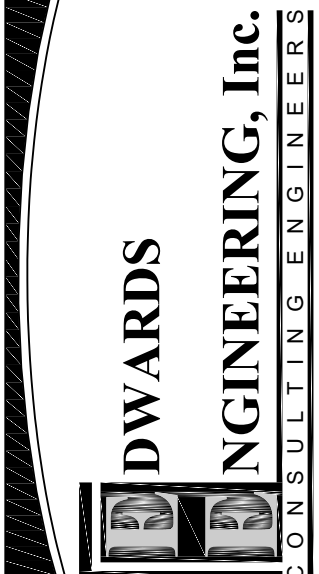
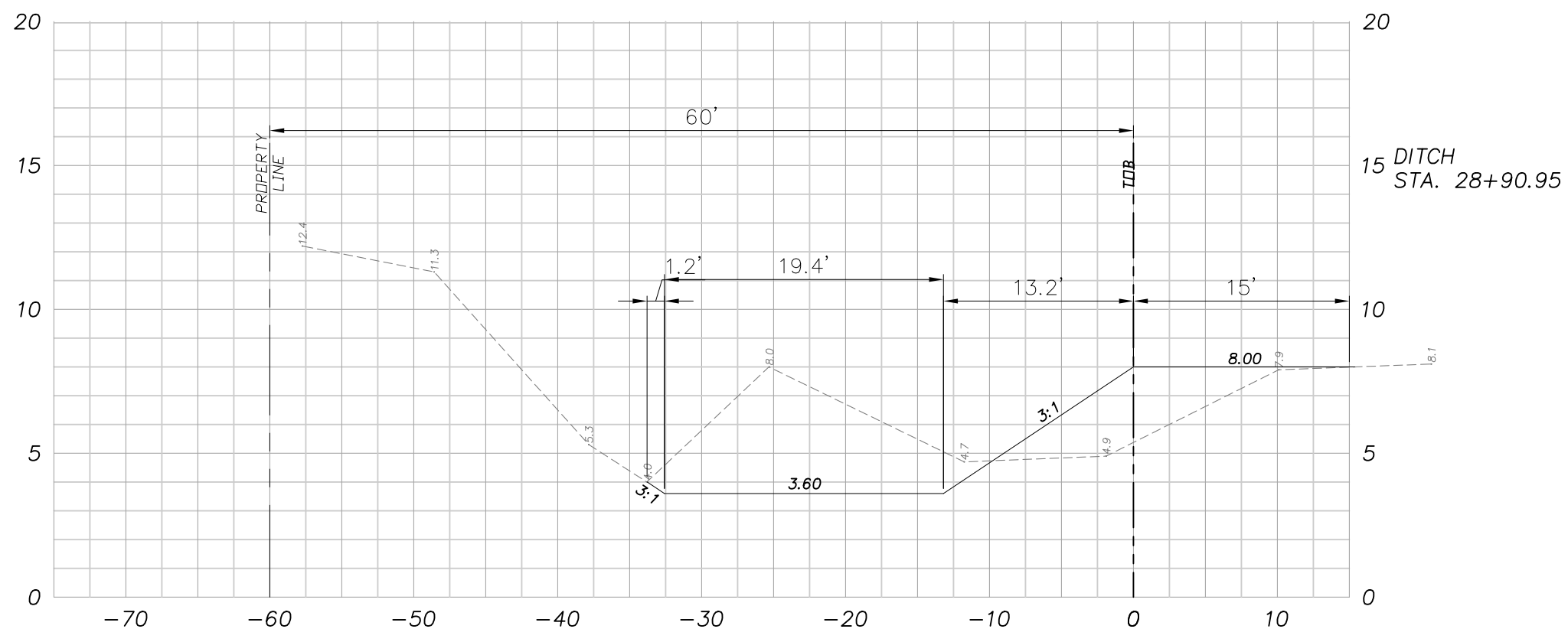
SOUTH DITCH 17



SOUTH DITCH 15

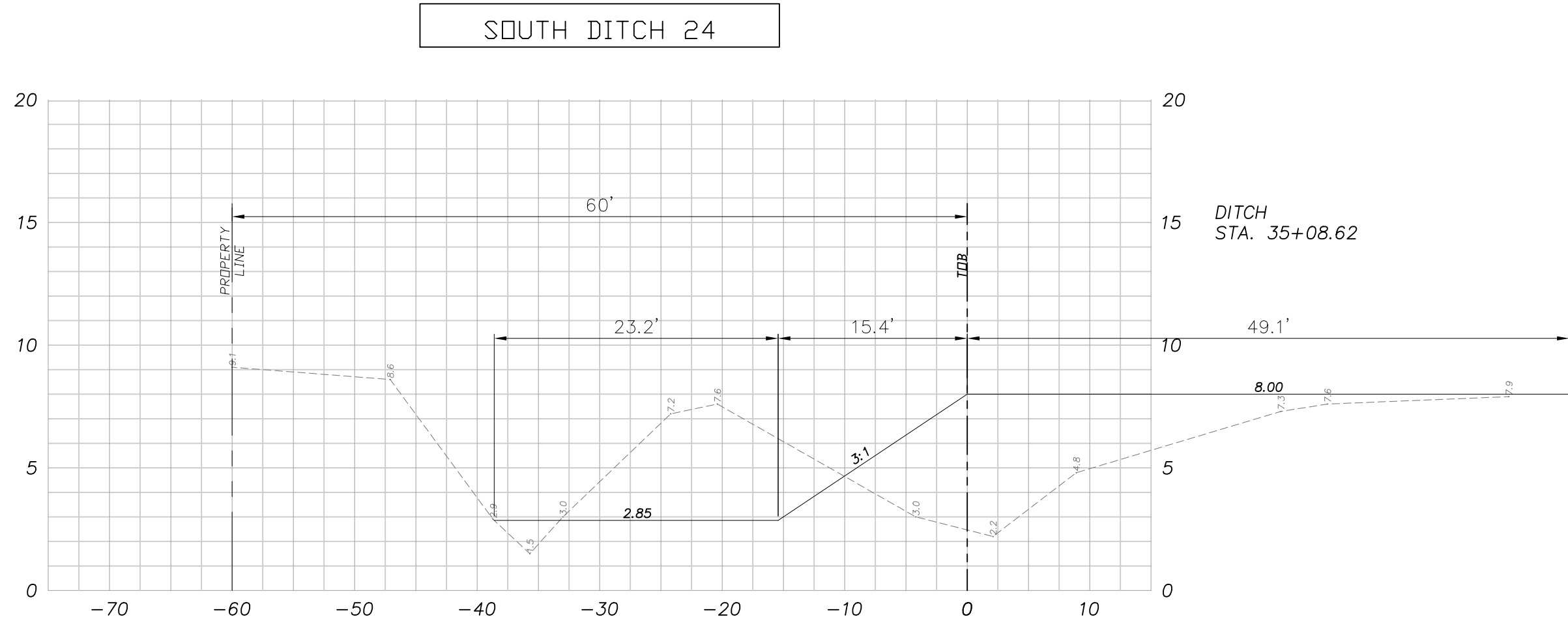
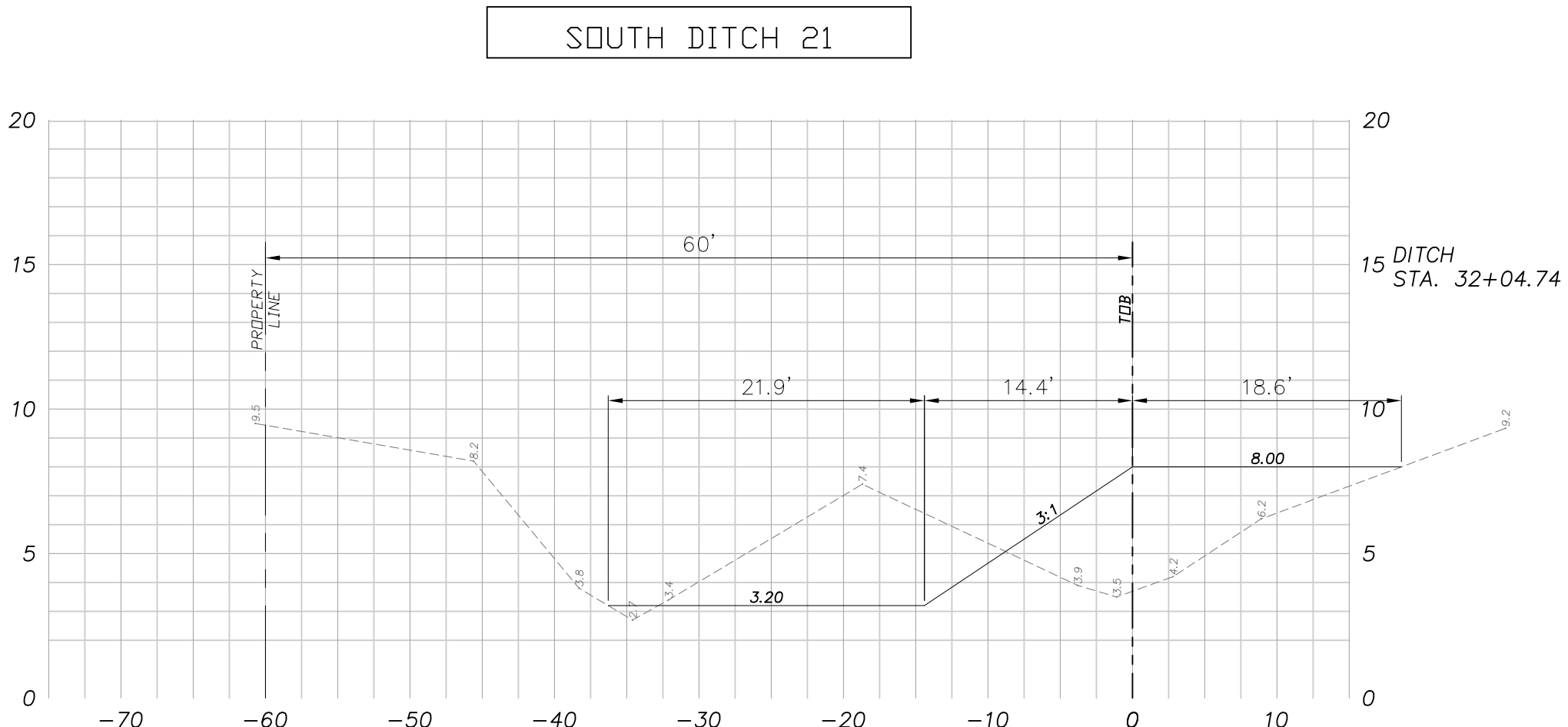
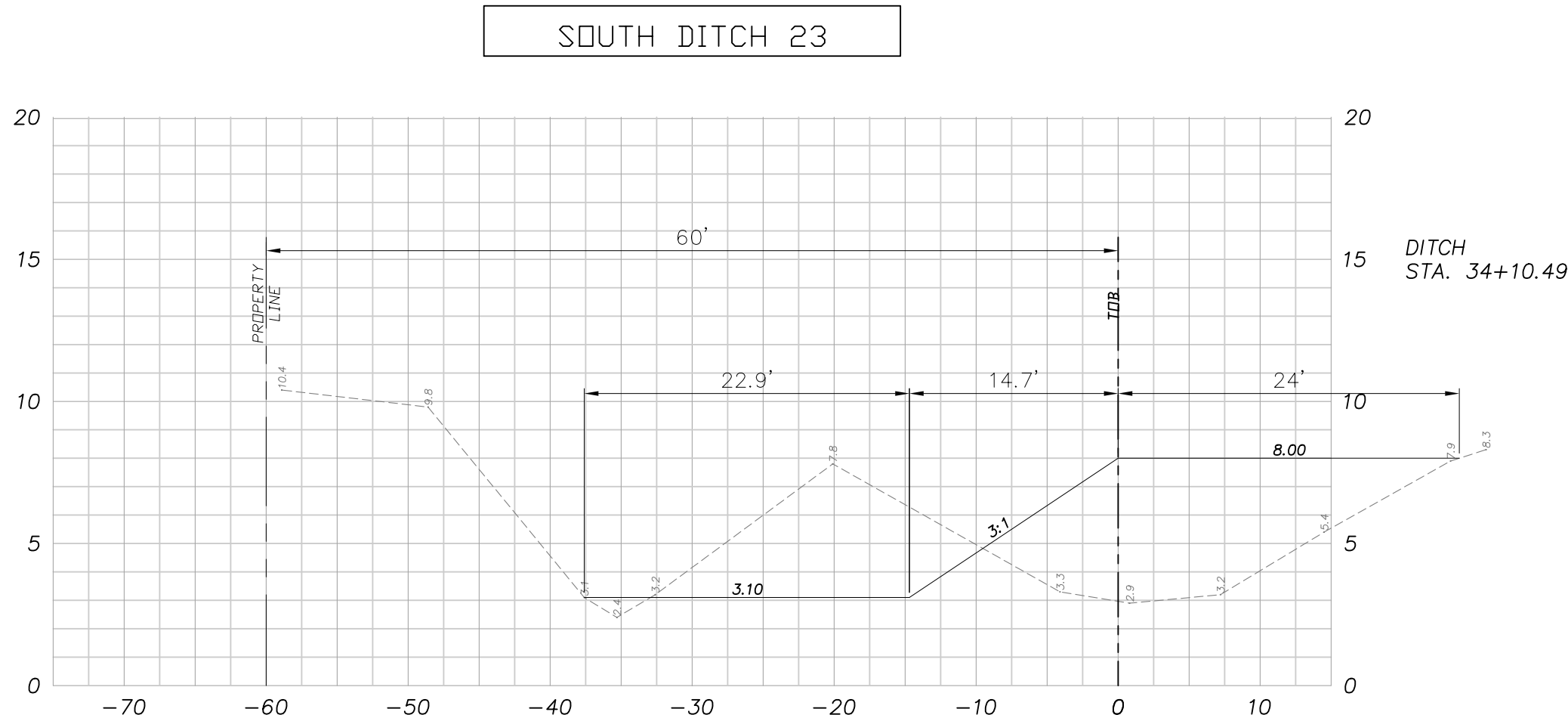
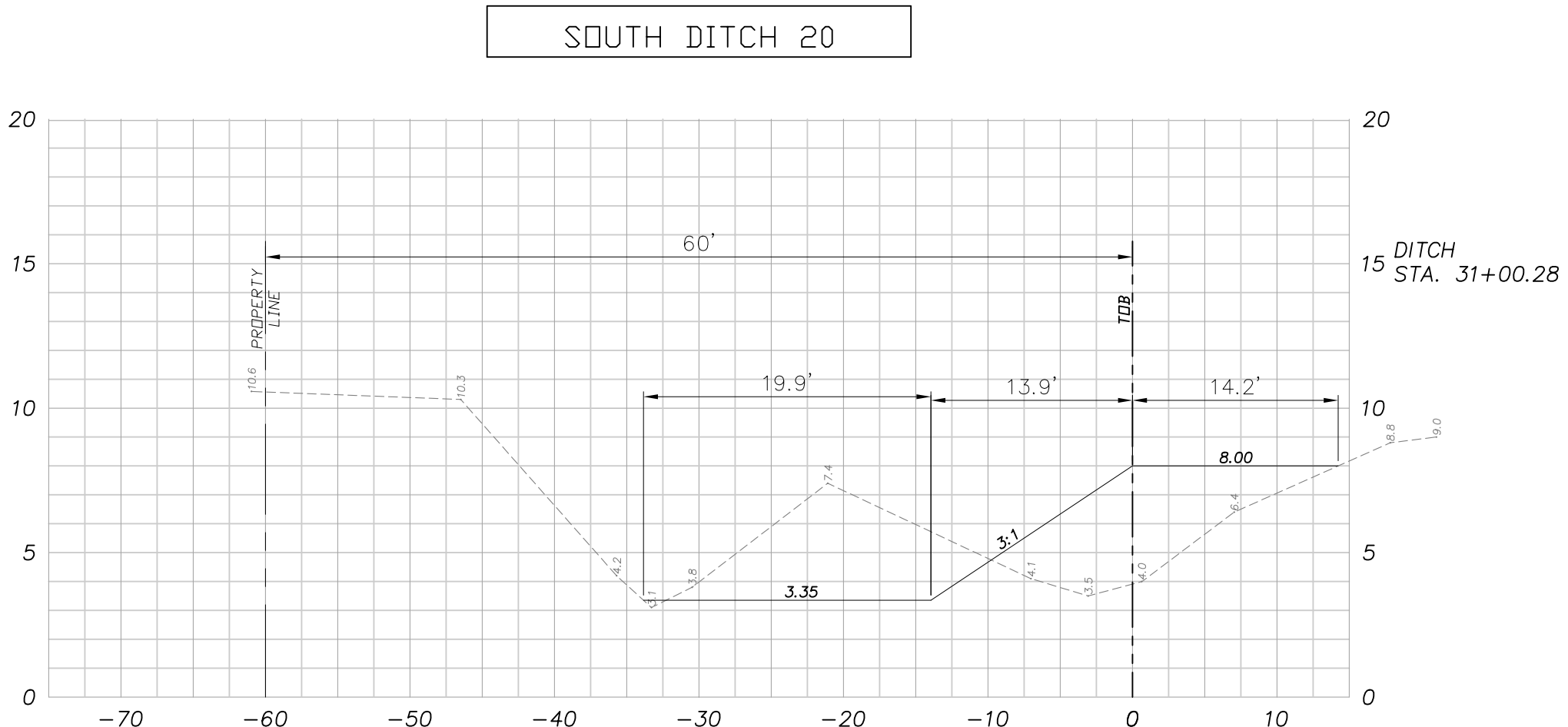
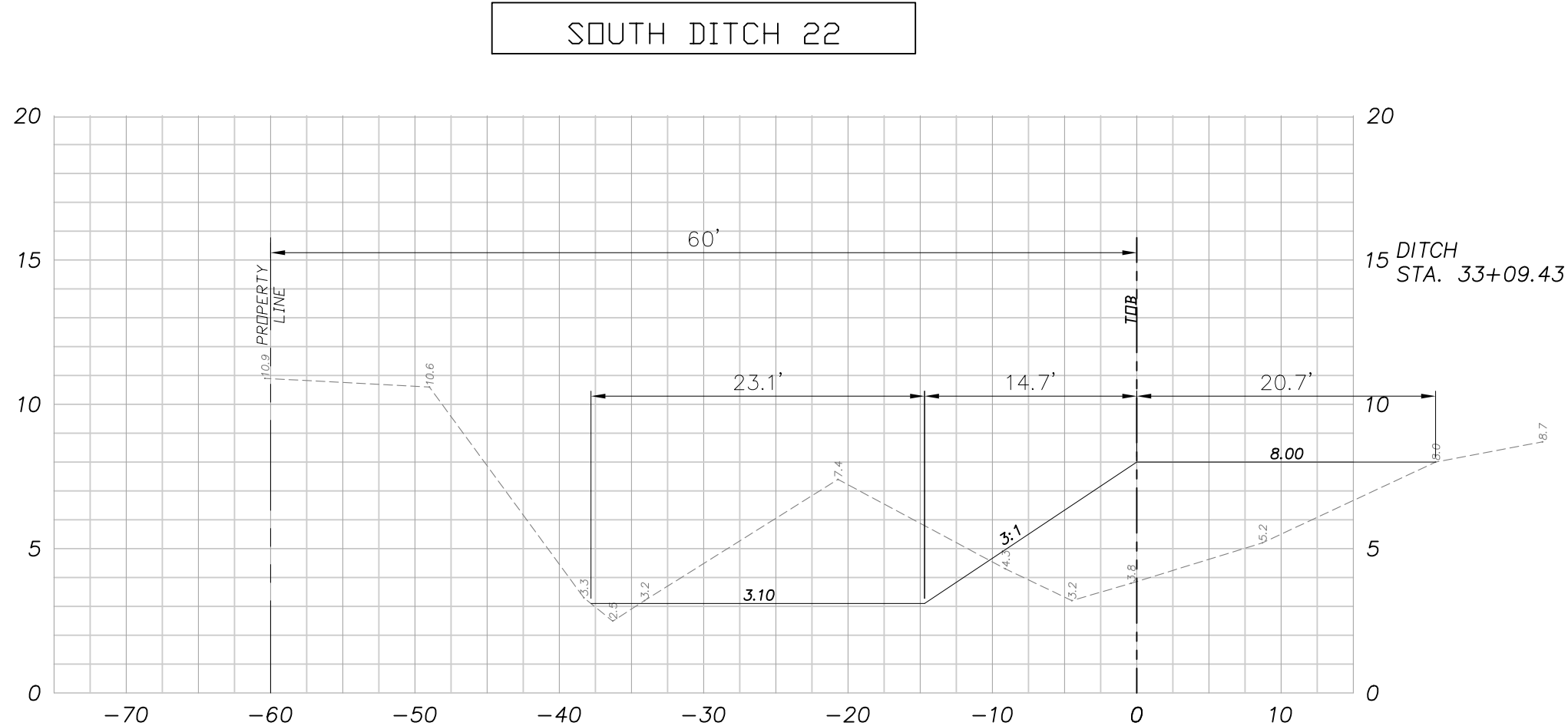
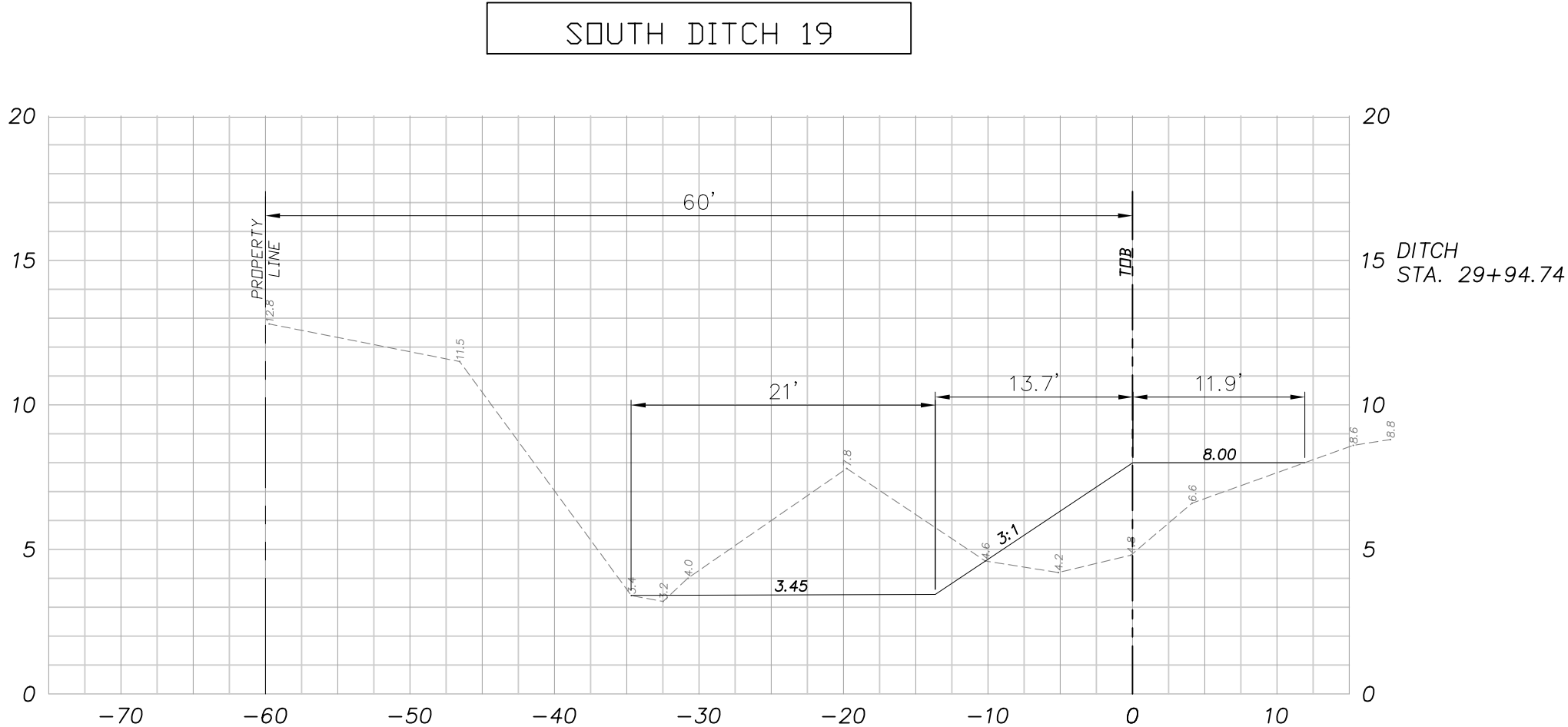


SOUTH DITCH 18

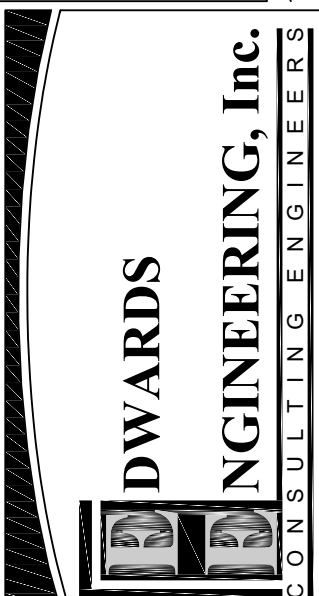


TIMUQUANA COMMERCE CENTER
7275 GOLDEN WINGS ROAD
JACKSONVILLE, FLORIDA

CROSS SECTIONS (3)

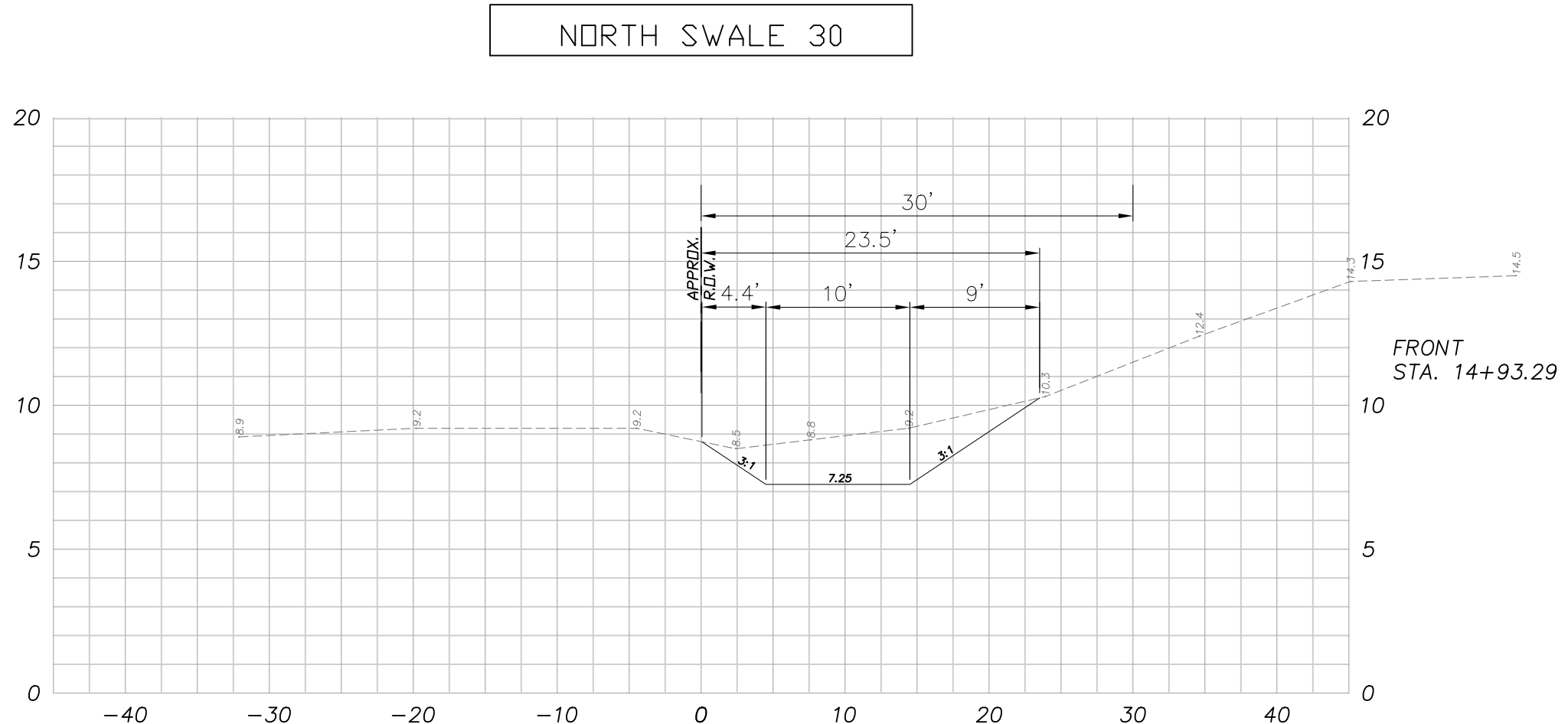
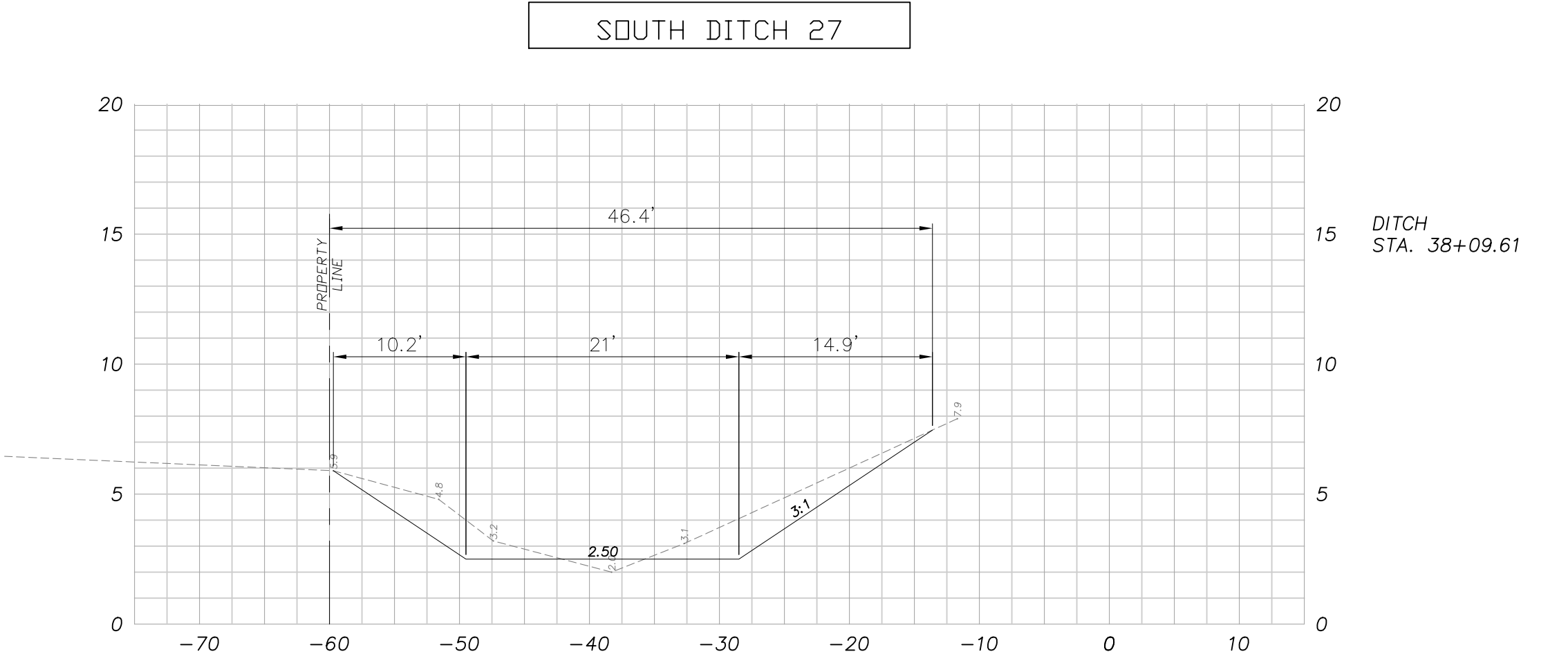
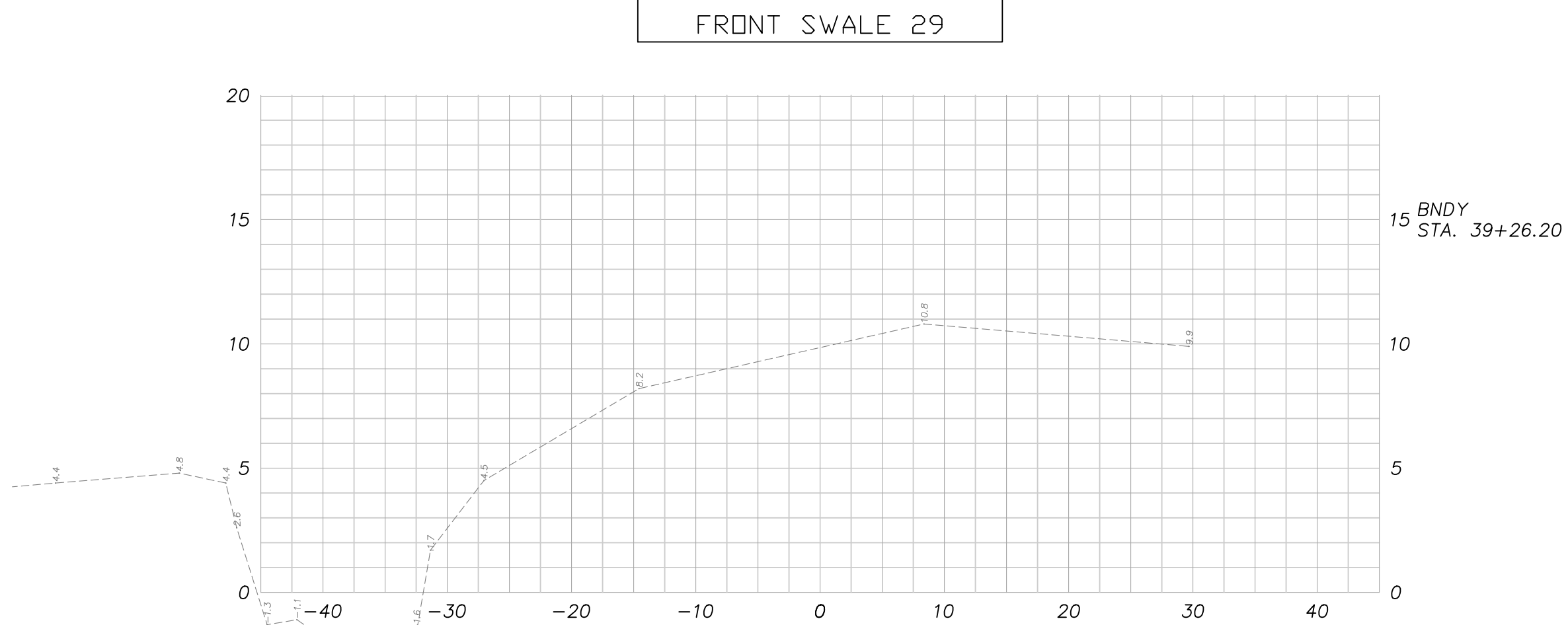
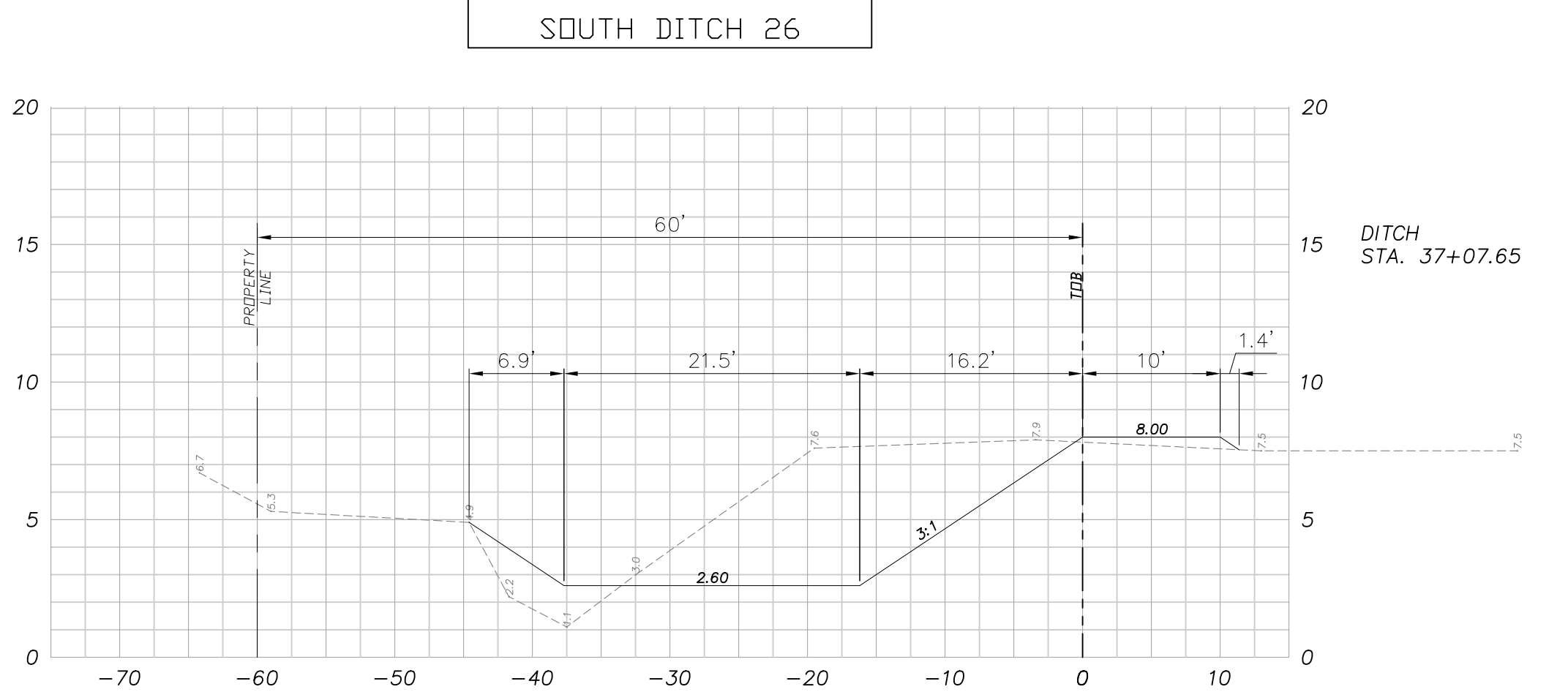
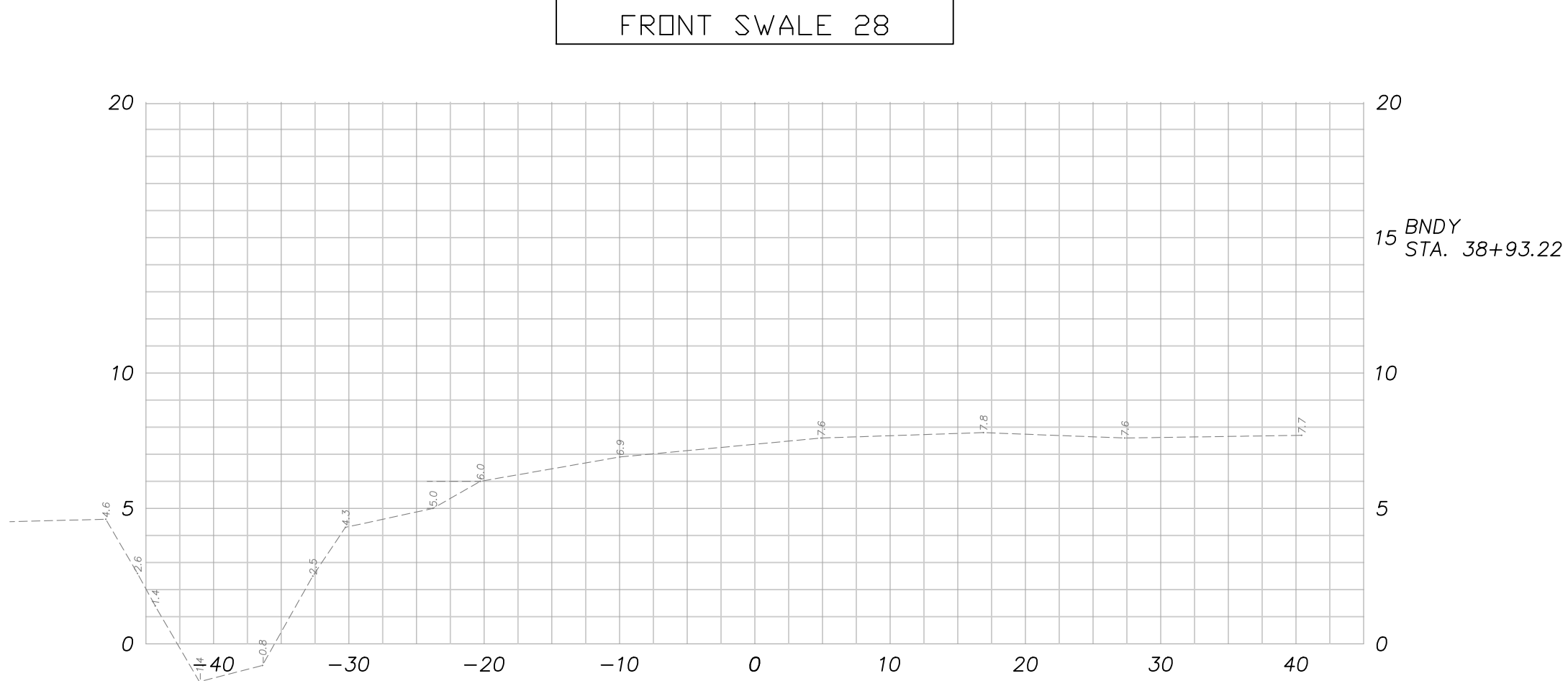
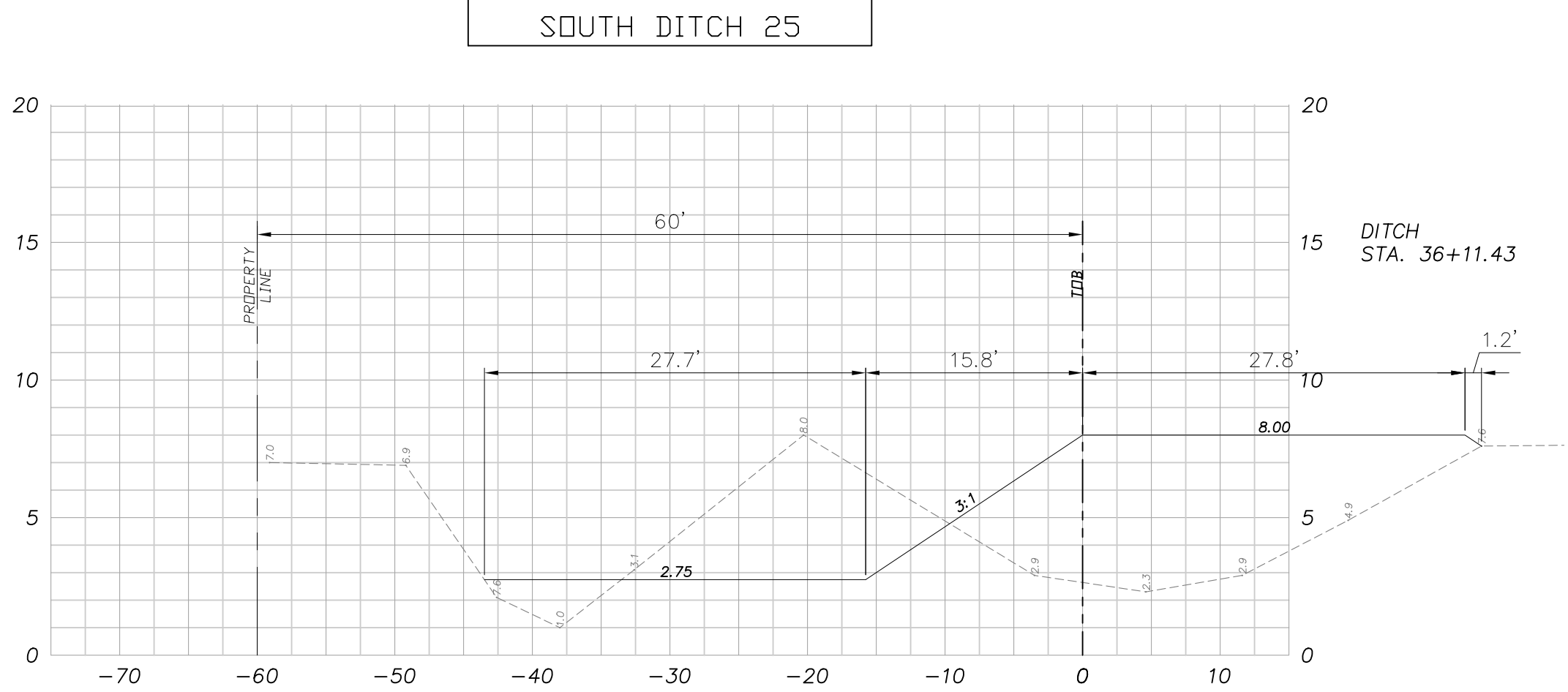


SCALE	N.T.S.	NO.	DATE	REVISIONS	NO.	DATE	REVISIONS
DESIGNED BY	GE	1			7		
DRAWN BY		2			8		
CHECKED BY		3			9		
DATE	AUGUST 2025	4			10		
PROJECT NO.	209010.00	5			11		
		6			12		




TIMUQUANA COMMERCE CENTER
7275 GOLDEN WINGS ROAD
JACKSONVILLE, FLORIDA

CROSS SECTIONS (4)



SCALE	N.T.S.	NO.	DATE	REVISIONS	NO.	DATE	REVISIONS
DESIGNED BY	GE	1			7		
DRAWN BY		2			8		
CHECKED BY		3			9		
DATE	AUGUST 2025	4			10		
		5			11		
PROJECT NO.	208010.00	6			12		

11885 CORPORATE SQUARE BOULEVARD • JACKSONVILLE, FLORIDA 32216 • PHONE (904)725-4220 • FAX (904)725-4212

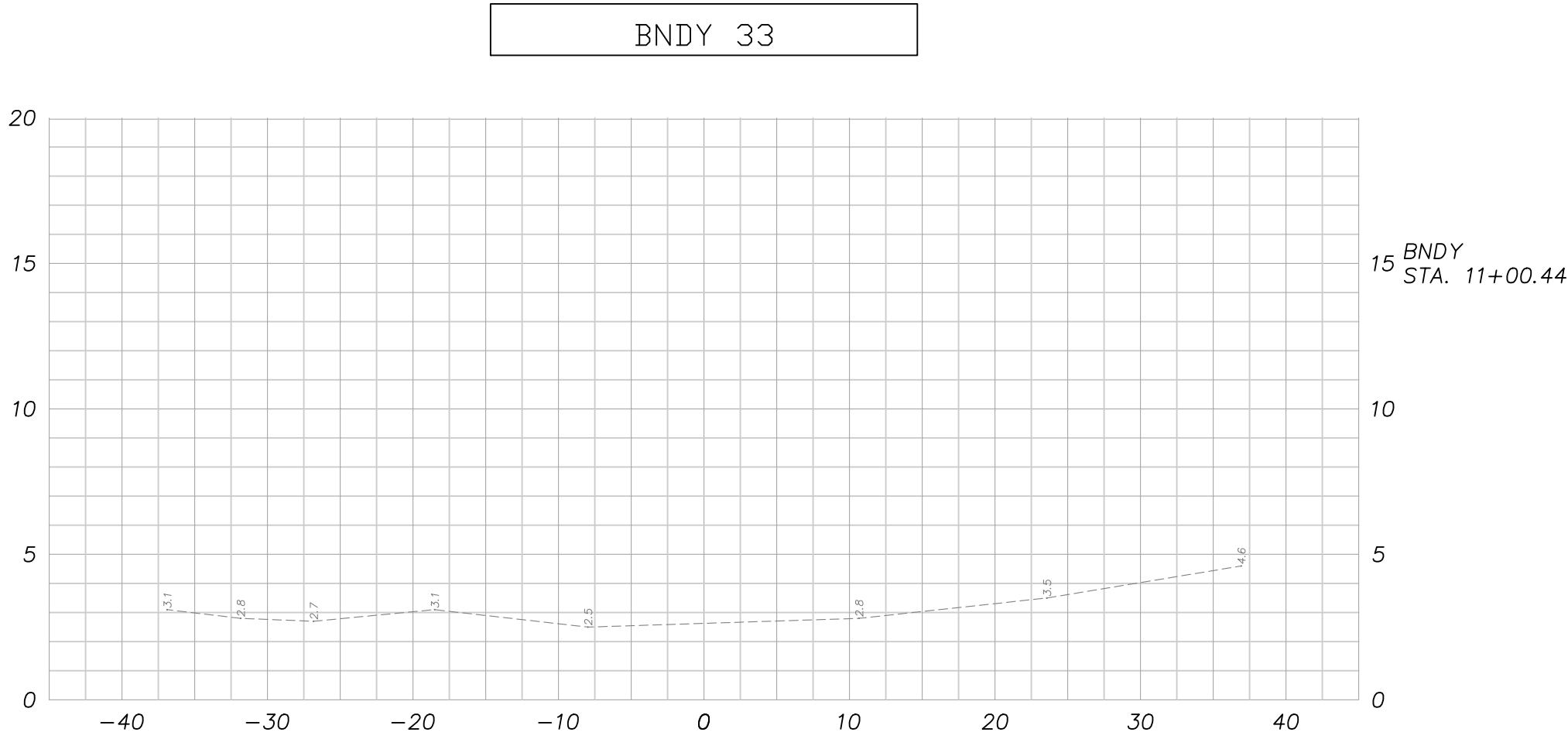
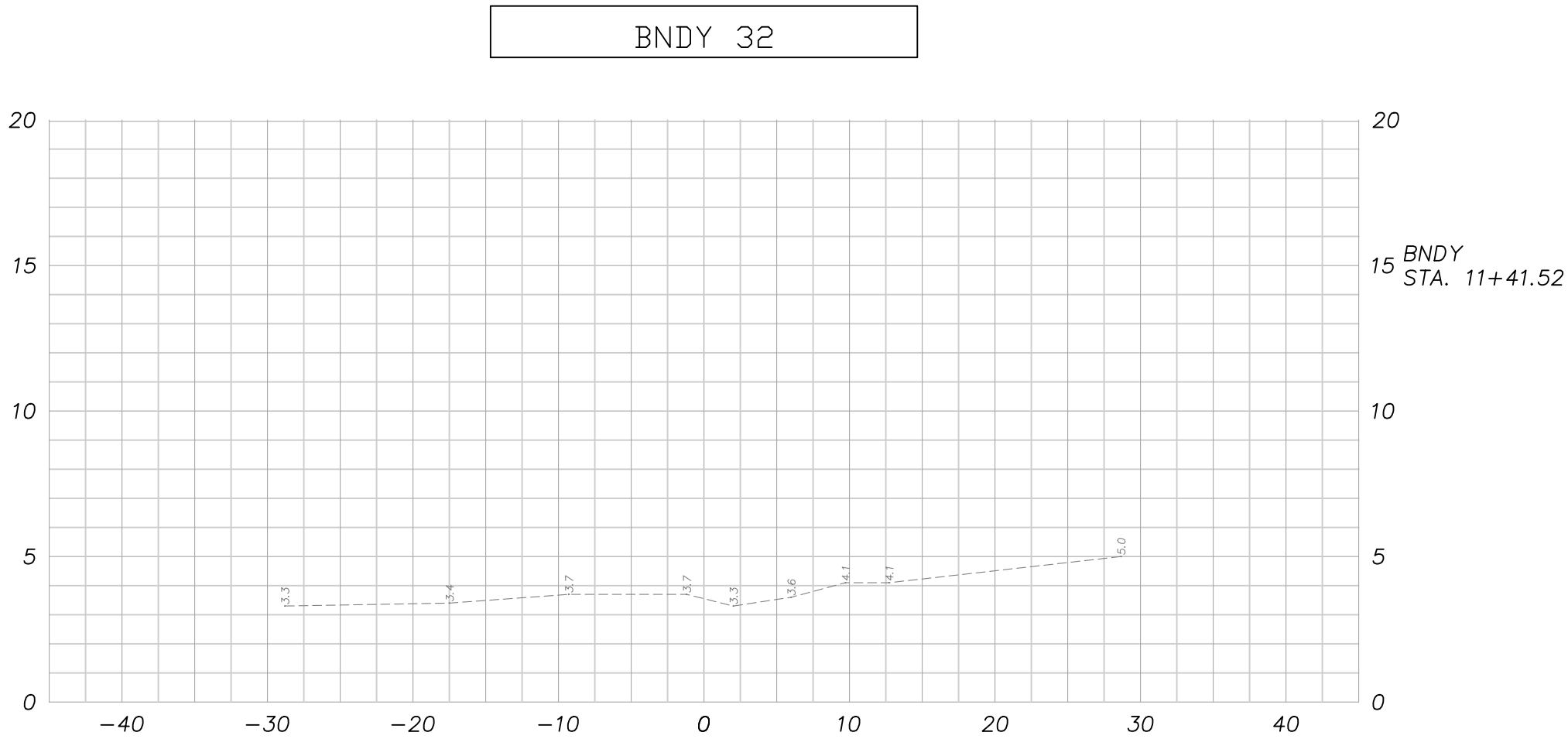
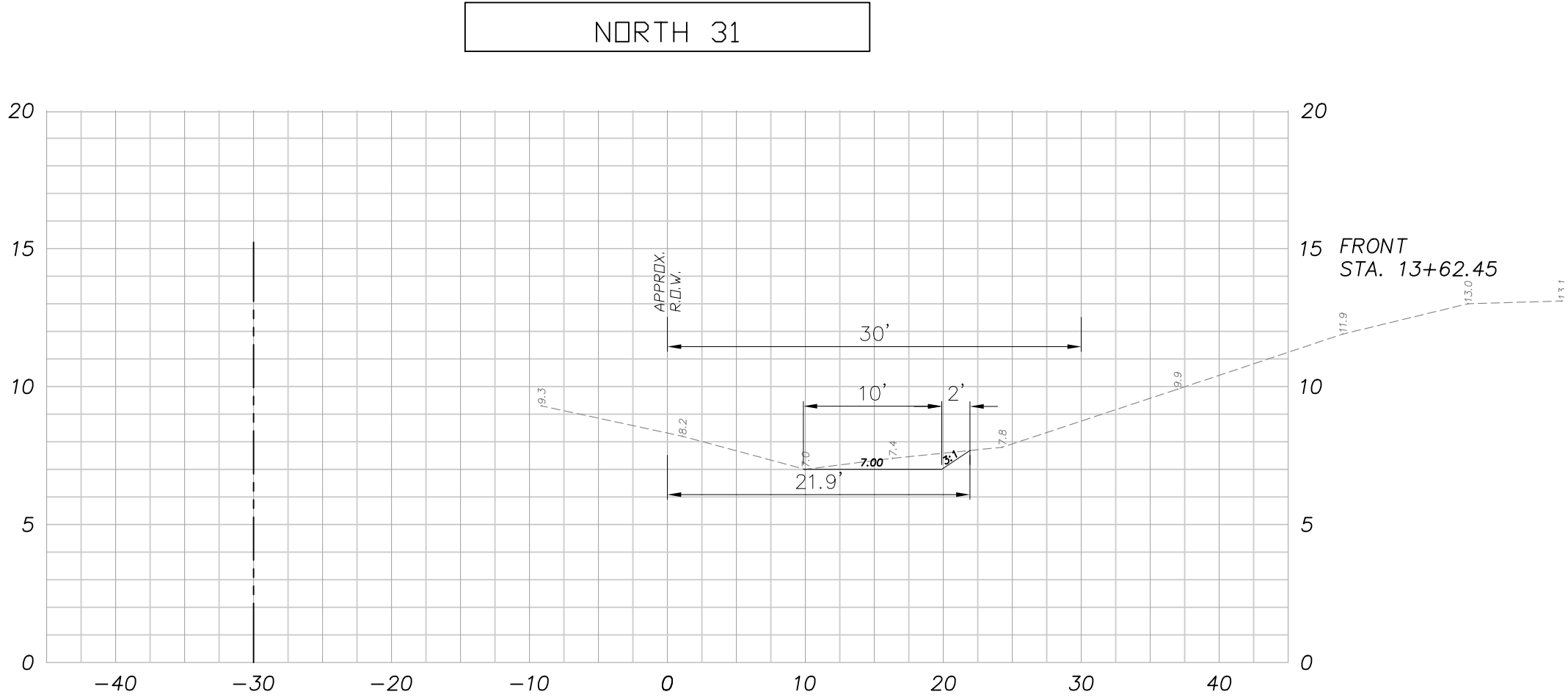


**DWARDS
ENGINEERING, Inc.**
CONSULTING ENGINEERS

TIMUQUANA COMMERCE CENTER
7275 GOLDEN WINGS ROAD
JACKSONVILLE, FLORIDA

CROSS SECTIONS (5)

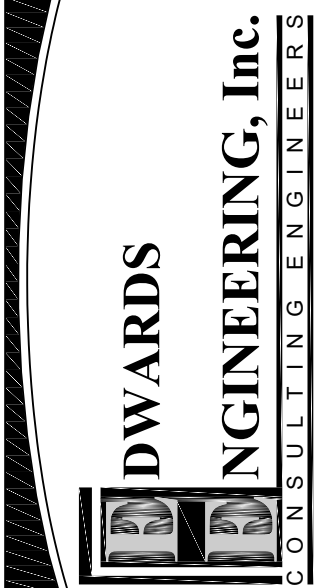
C-10



TIMUQUANA COMMERCE CENTER
7275 GOLDEN WINGS ROAD
JACKSONVILLE, FLORIDA

CROSS SECTIONS (6)

C-11

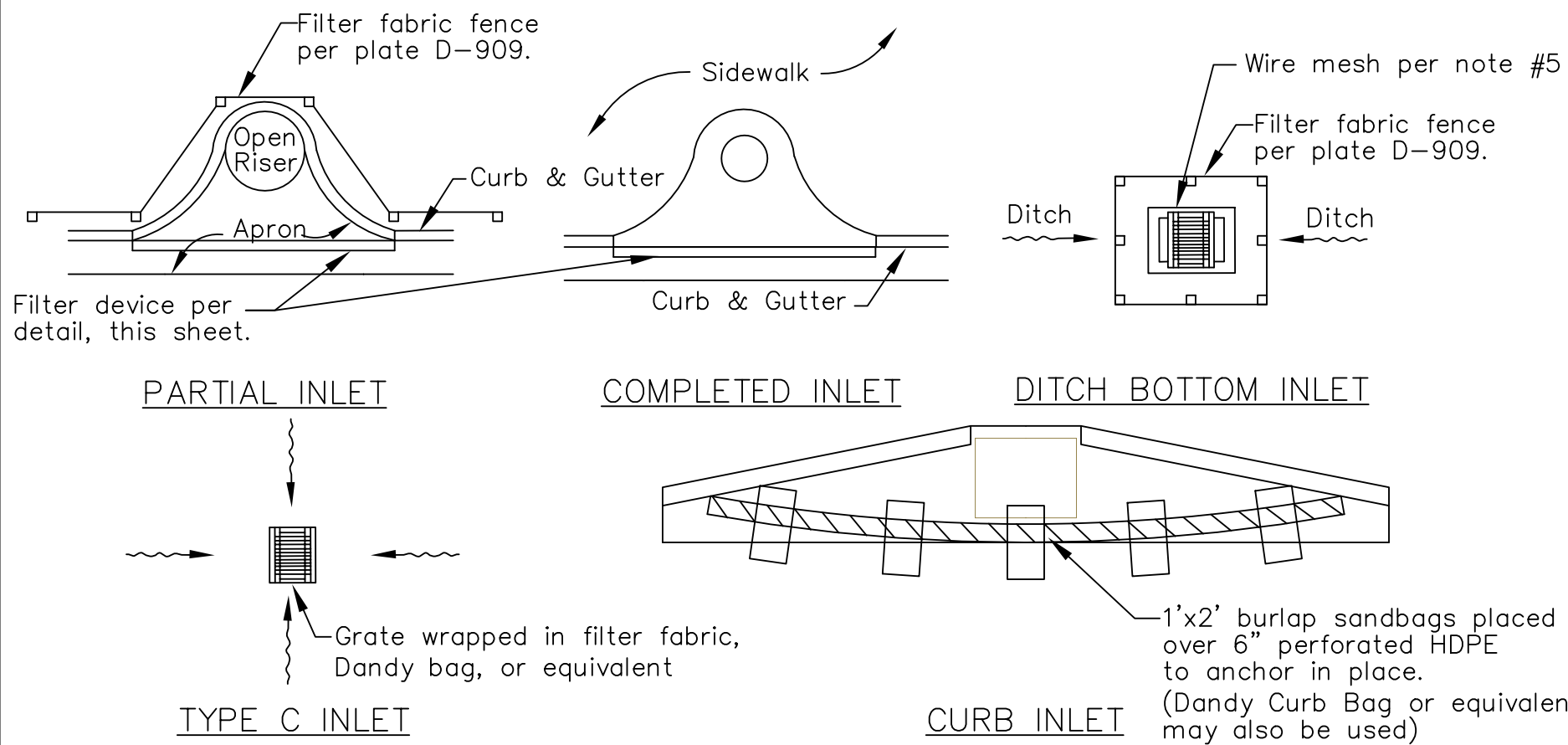


SCALE	N.T.S.	NO.	DATE	REVISIONS	NO.	DATE	REVISIONS
DESIGNED BY	GE	1			7		
DRAWN BY		2			8		
CHECKED BY		3			9		
DATE	AUGUST 2025	4			10		
PROJECT NO.	20001000	5			11		
		6			12		

1885 CORPORATE SQUARE BOULEVARD • JACKSONVILLE, FLORIDA 32216 • PHONE (904)725-4220 • FAX: (904)725-4220

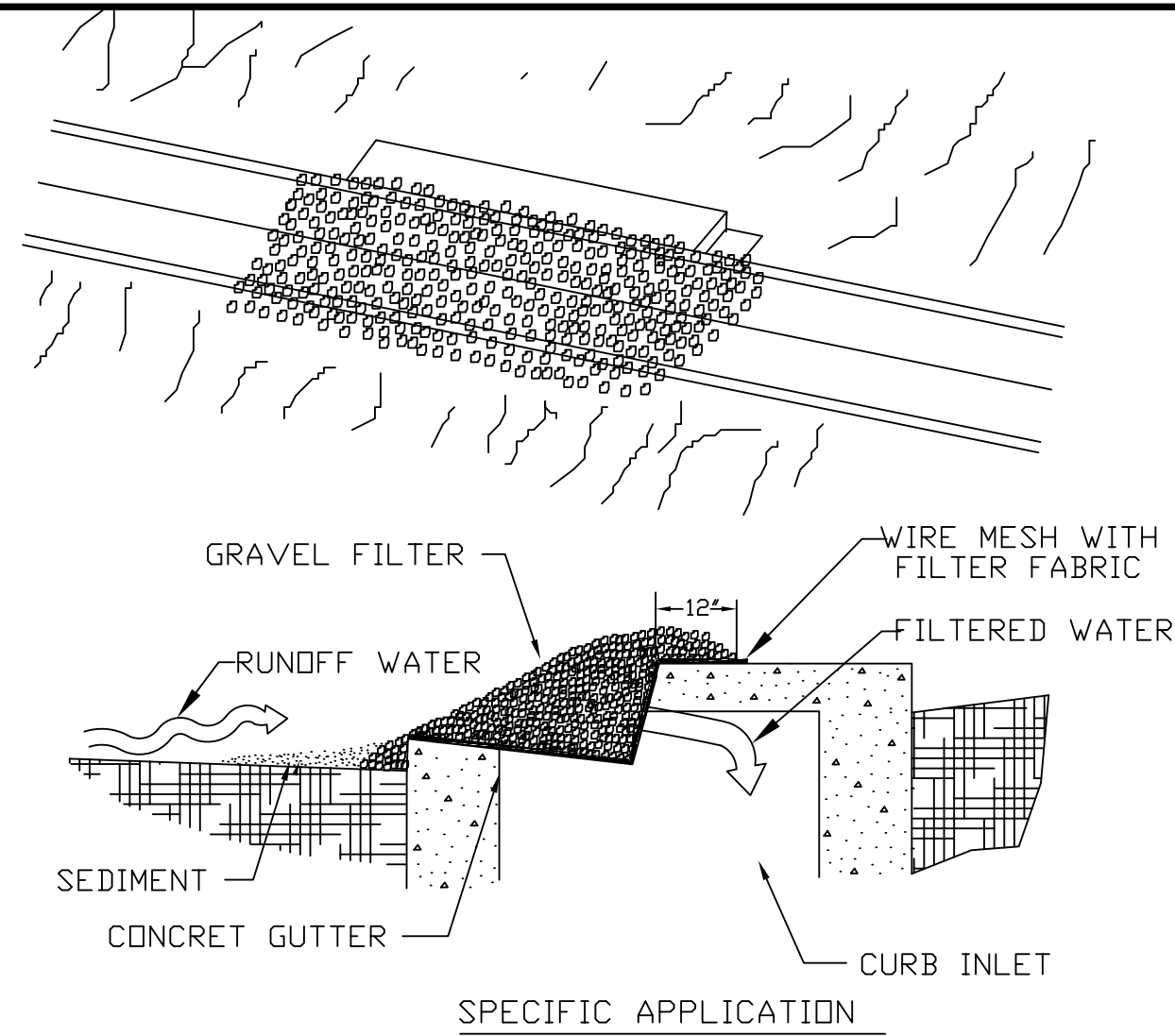
EROSION & SEDIMENT CONTROL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM SITE IF NOT REUSABLE ON-SITE AND ASSURING PLAN ALIGNMENT AND GRADE IN ALL DITCHES AND SWALES AT COMPLETION OF CONSTRUCTION.
2. THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.
3. ADDITIONAL PROTECTION - ON-SITE PROTECTION IN ADDITION TO THE ABOVE MUST BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNSEEN CONDITIONS OR ACCIDENTS.
4. CONTRACTOR SHALL INSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEANED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.
5. WIRE MESH SHALL BE LAID OVER THE DROP INLET SO THAT THE WIRE EXTENDS A MINIMUM OF 1 FOOT BEYOND EACH SIDE OF THE INLET STRUCTURE. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2-INCH OPENINGS SHALL BE USED. IF MORE THAN ONE STRIP OF MESH IS NECESSARY, THE STRIPS SHALL BE OVERLAPPED.
6. FDOT NO. 1 COARSE AGGREGATE SHALL BE PLACED OVER THE WIRE MESH AS INDICATED IN THE CITY OF JACKSONVILLE INDEX DETAIL D-903. THE DEPTH OF STONE SHALL BE AT LEAST 12 INCHES OVER THE ENTIRE INLET OPENING. THE STONE SHALL EXTEND BEYOND THE INLET OPENING AT LEAST 18 INCHES ON ALL SIDES.
7. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONES MUST BE PULLED AWAY FROM THE INLET, CLEANED AND REPLACED.
8. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
9. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
10. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.
11. THE EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
12. IN THE CASE OF DETAIL D-905, SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/3 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
13. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE BEST EROSION AND SEDIMENT CONTROL PRACTICES AS OUTLINED IN THE PLANS, SPECIFICATIONS AND ST. JOHNS RIVER WATER MANAGEMENT DISTRICT SPECIFICATIONS AND CRITERIA.
14. FOR ADDITIONAL INFORMATION ON SEDIMENT AND EROSION CONTROL, REFER TO "THE FLORIDA DEVELOPMENT MANUAL - A GUIDE TO SOUND LAND AND WATER MANAGEMENT" FROM THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION (F.D.E.R.) CHAPTER 6.
15. EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE PLACED ADJACENT TO ALL WETLAND AREAS WHERE THERE IS POTENTIAL FOR DOWNSTREAM WATER QUALITY DEGRADATION; SEE DETAIL ON THIS SHEET FOR TYPICAL CONSTRUCTION.
16. ALL DISTURBED AREAS SHALL BE GRASSED, FERTILIZED, MULCHED AND MAINTAINED UNTIL A PERMANENT VEGETATIVE COVER IS ESTABLISHED.
17. SOD SHALL BE PLACED IN AREAS WHICH MAY REQUIRE IMMEDIATE EROSION PROTECTION TO ENSURE WATER QUALITY STANDARDS ARE MAINTAINED.
18. ANY DISCHARGE FROM DEWATERING ACTIVITY SHALL BE FILTERED AND CONVEYED TO THE OUTFALL IN A MANNER WHICH PREVENTS EROSION AND TRANSPORTATION OF SUSPENDED SOLIDS TO THE RECEIVING OUTFALL.
19. DEWATERING PUMPS SHALL NOT EXCEED THE CAPACITY OF THAT WHICH REQUIRES A CONSUMPTIVE USE PERMIT FROM THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT.
20. ALL DISTURBED AREAS TO BE STABILIZED THROUGH COMPACTION, SILT SCREENS, AND GRASSING. ALL FILL SLOPES 3:1 OR STEEPER TO RECEIVE STAKED SOLID SOD.
21. ALL DEWATERING, EROSION, AND SEDIMENT CONTROL TO REMAIN IN PLACE AFTER COMPLETION OF CONSTRUCTION AND REMOVED ONLY WHEN AREAS HAVE STABILIZED.
22. THIS PLAN INDICATES THE MINIMUM EROSION AND SEDIMENT MEASURES REQUIRED FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL APPLICABLE RULES, REGULATIONS AND WATER QUALITY GUIDELINES AND MAY NEED TO INSTALL ADDITIONAL CONTROLS.
23. THE CONTRACTOR SHALL BE REQUIRED TO RESPOND TO ALL WATER MANAGEMENT DISTRICT INQUIRIES, RELATIVE TO COMPLIANCE OF SJRWMD FOR EROSION AND SEDIMENTATION CONTROL. THE COST OF THIS COMPLIANCE SHALL BE PART OF THE CONTRACT.
24. THE CONTRACTOR SHALL INSTALL DANDY BAGS IN INLETS TO PROVIDE SEDIMENT BARRIER DURING CONSTRUCTION (TYP. ALL STRUCTURES).



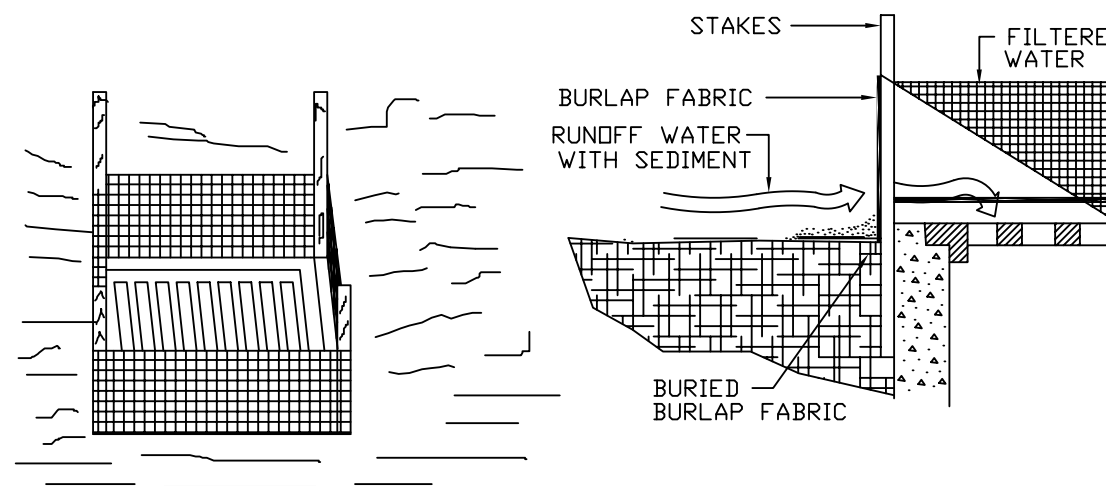
PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

N.T.S.



THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE PONDING IN FRONT OF THE STRUCTURE IS NOT LIKELY TO CAUSE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

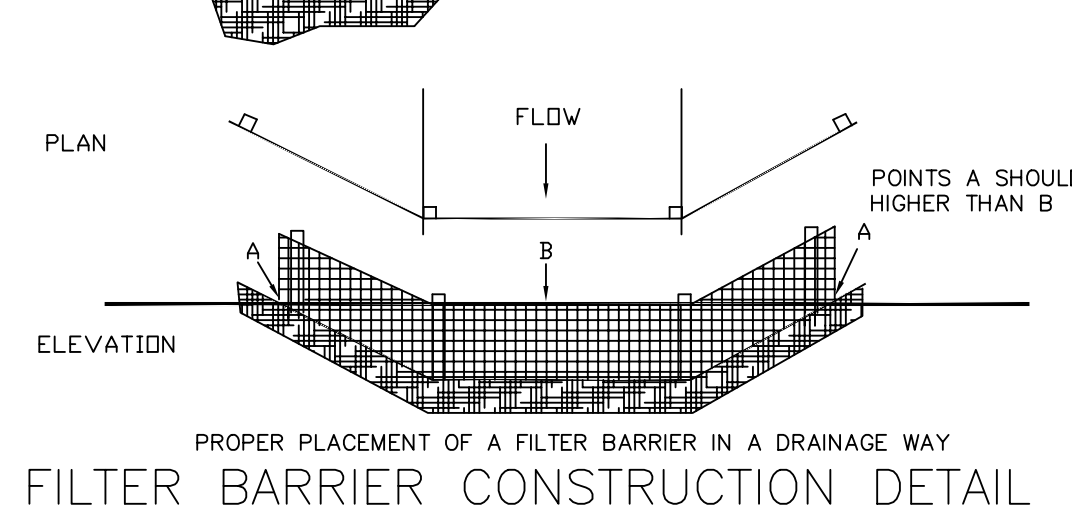
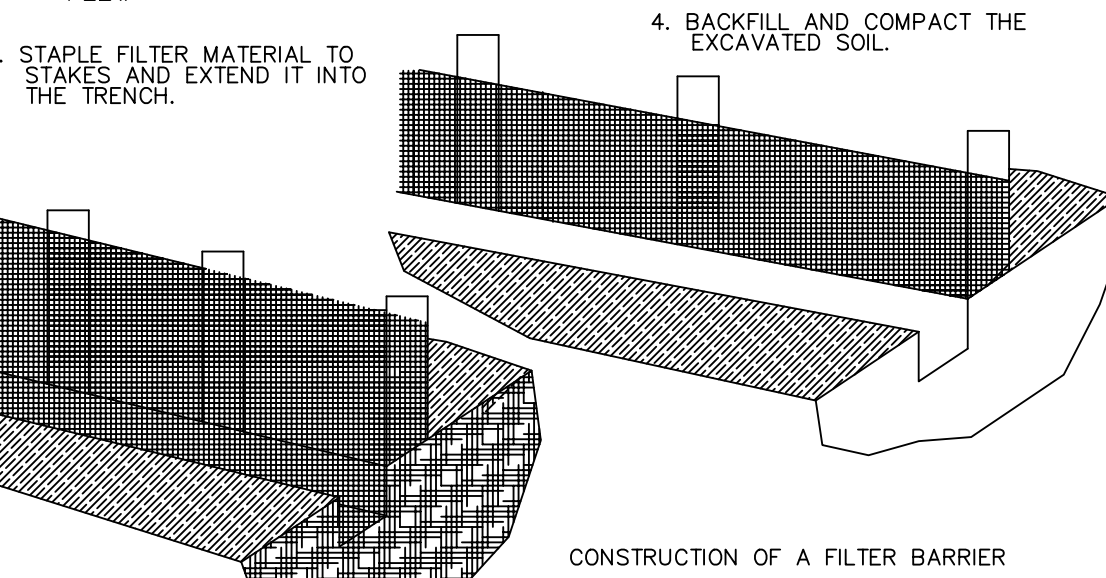
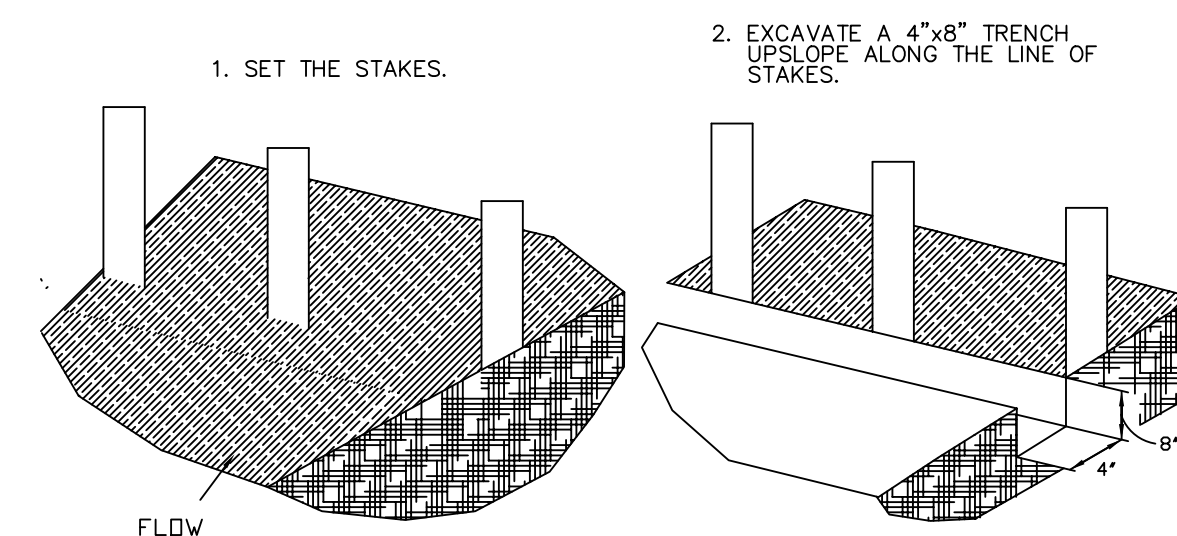
GRAVEL CURB INLET SEDIMENT FILTER



THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 CFS) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

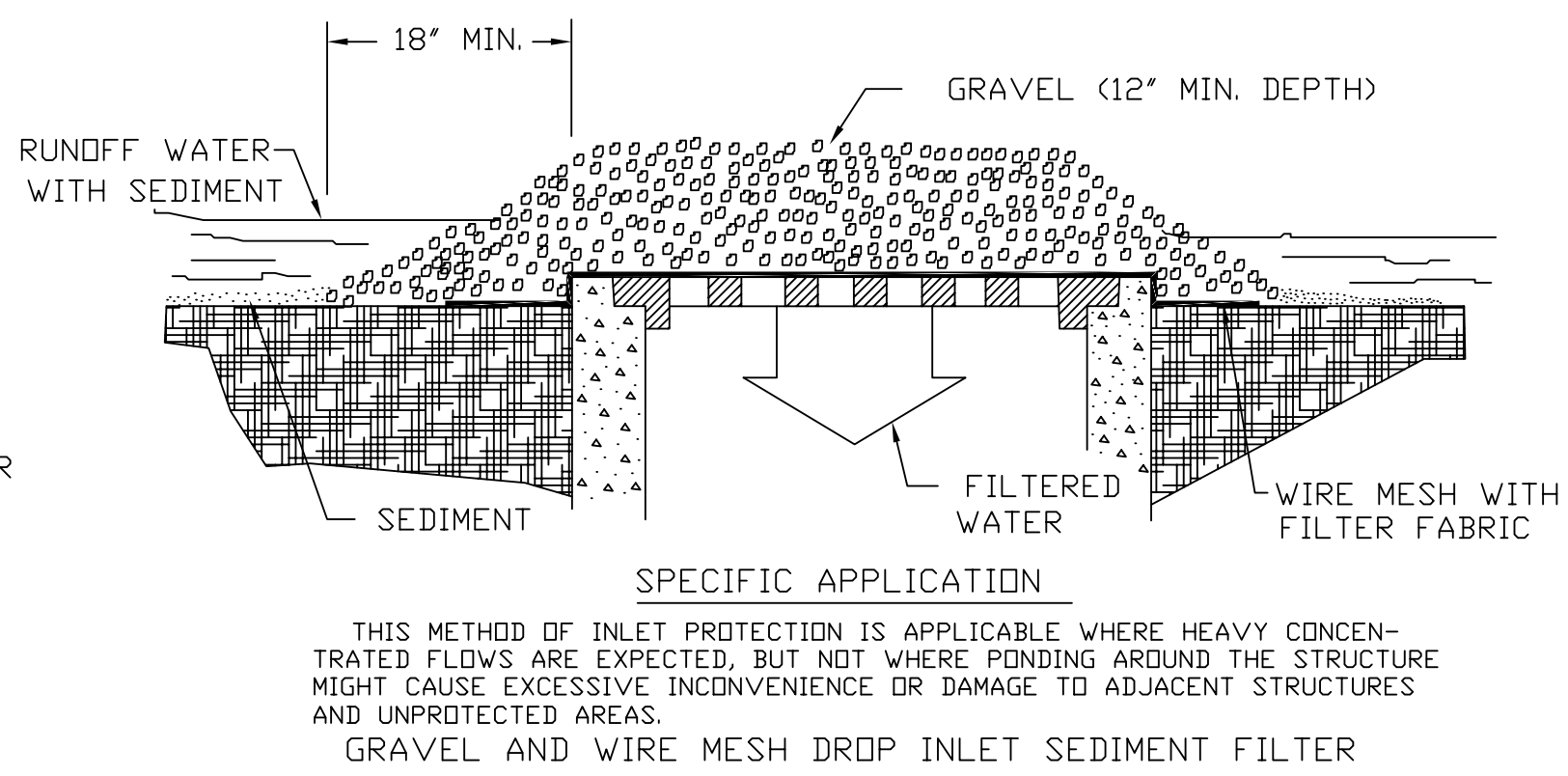
DROP INLET SEDIMENT TRAP

(D-905)
N.T.S.



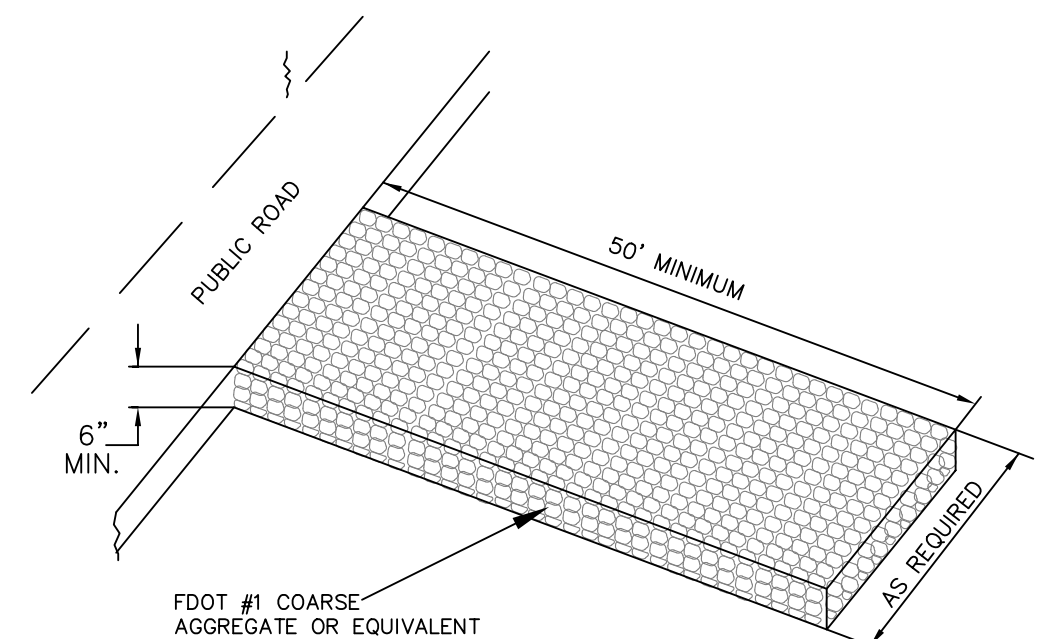
FILTER BARRIER CONSTRUCTION DETAIL

(D-910)
N.T.S.

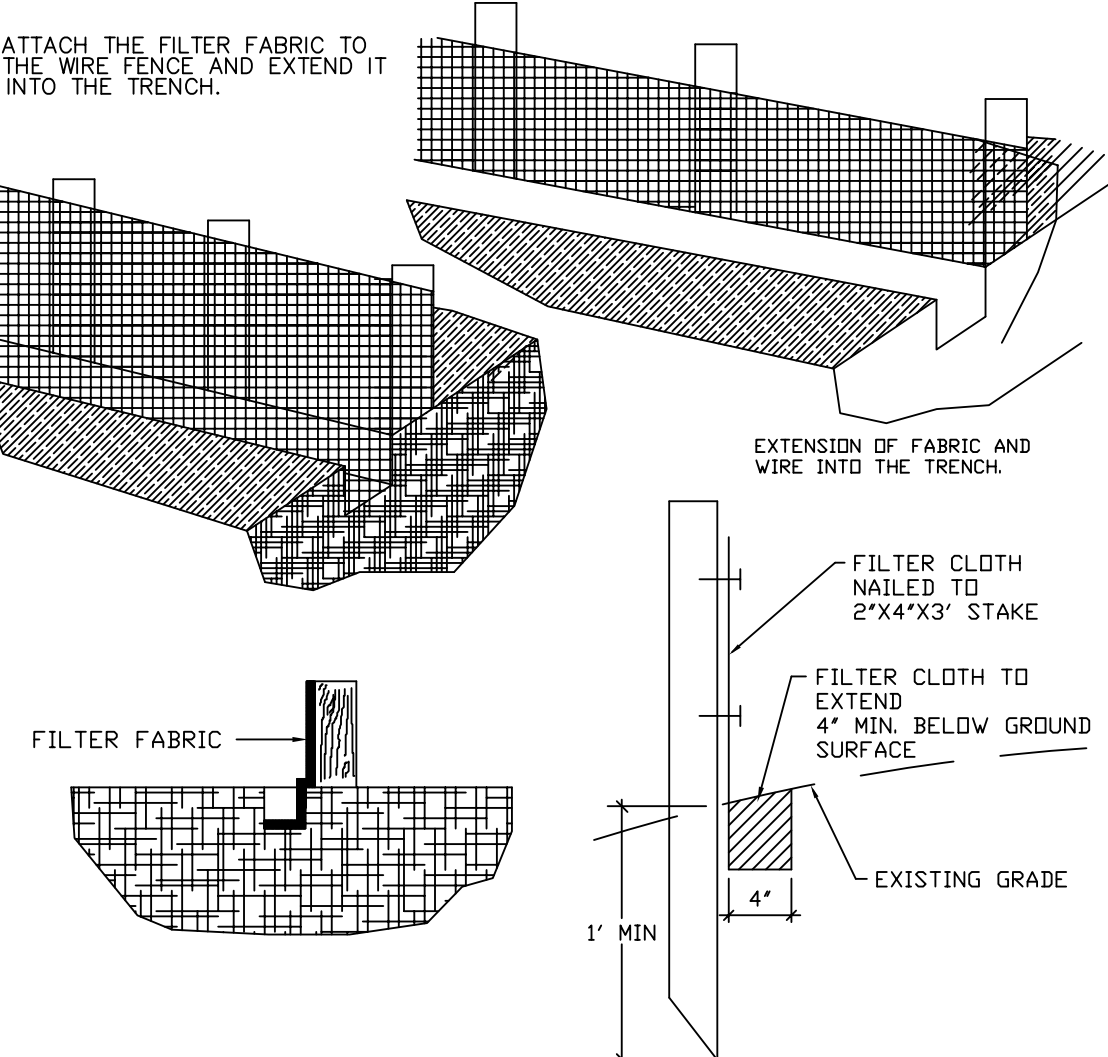
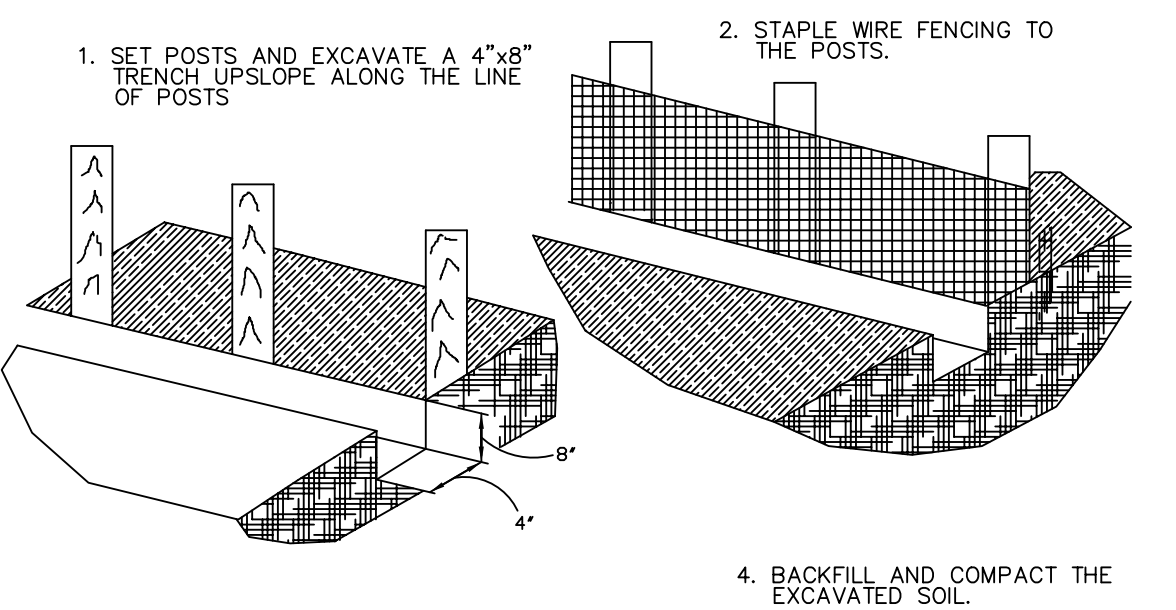


GRAVEL INLET SEDIMENT TRAP

(D-903)
N.T.S.



N.T.S.



CONSTRUCTION DETAILS FOR SILT FENCES

(D-909)
N.T.S.

