

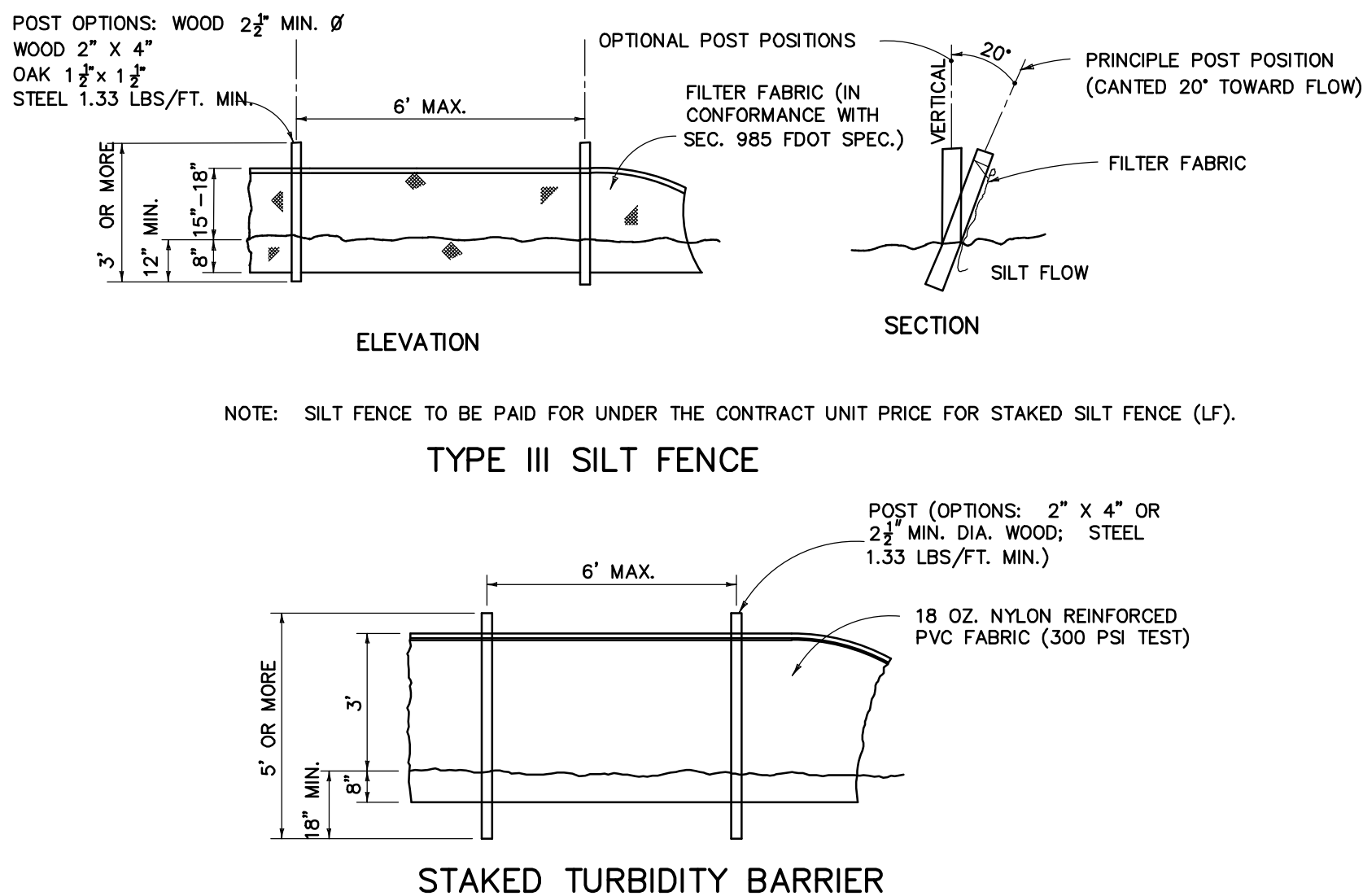
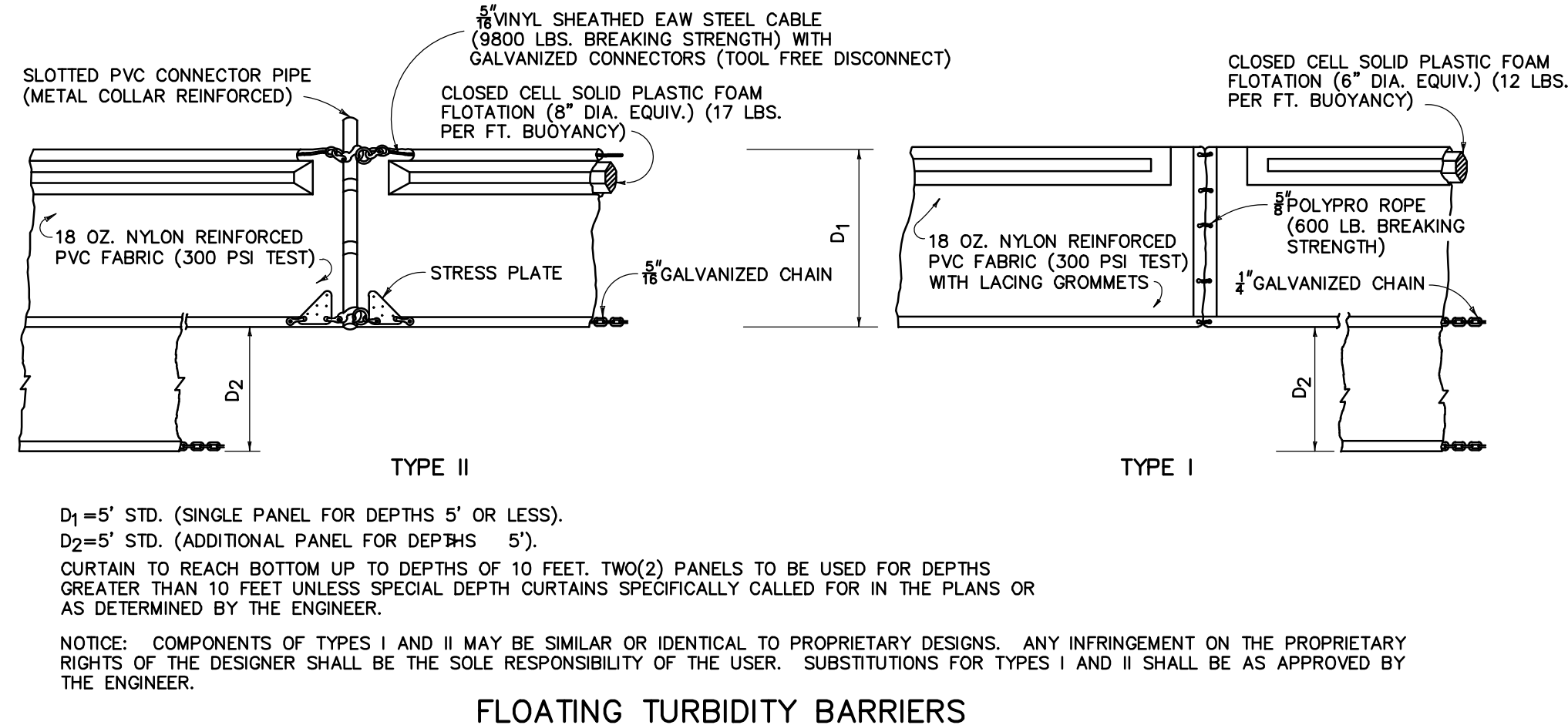
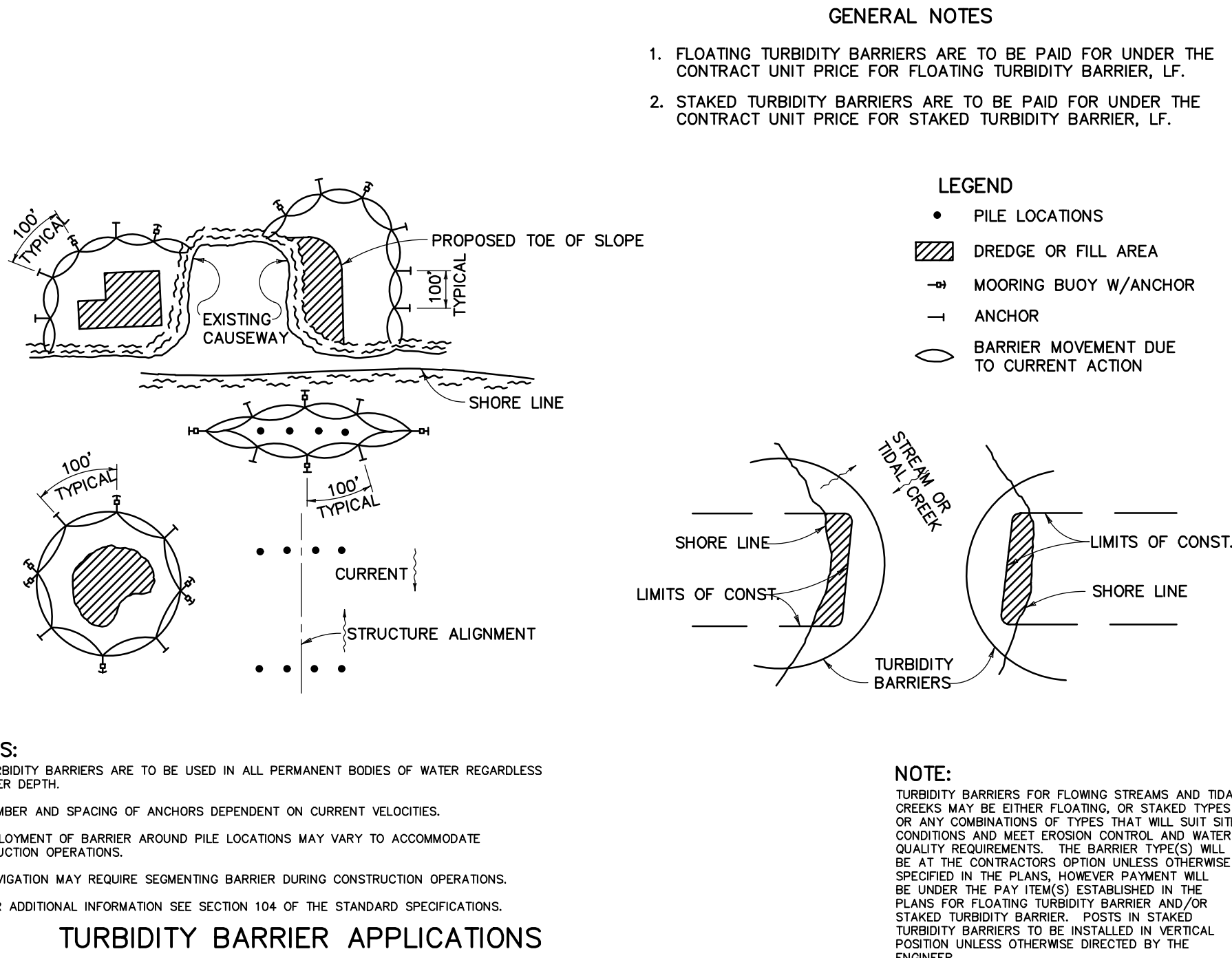
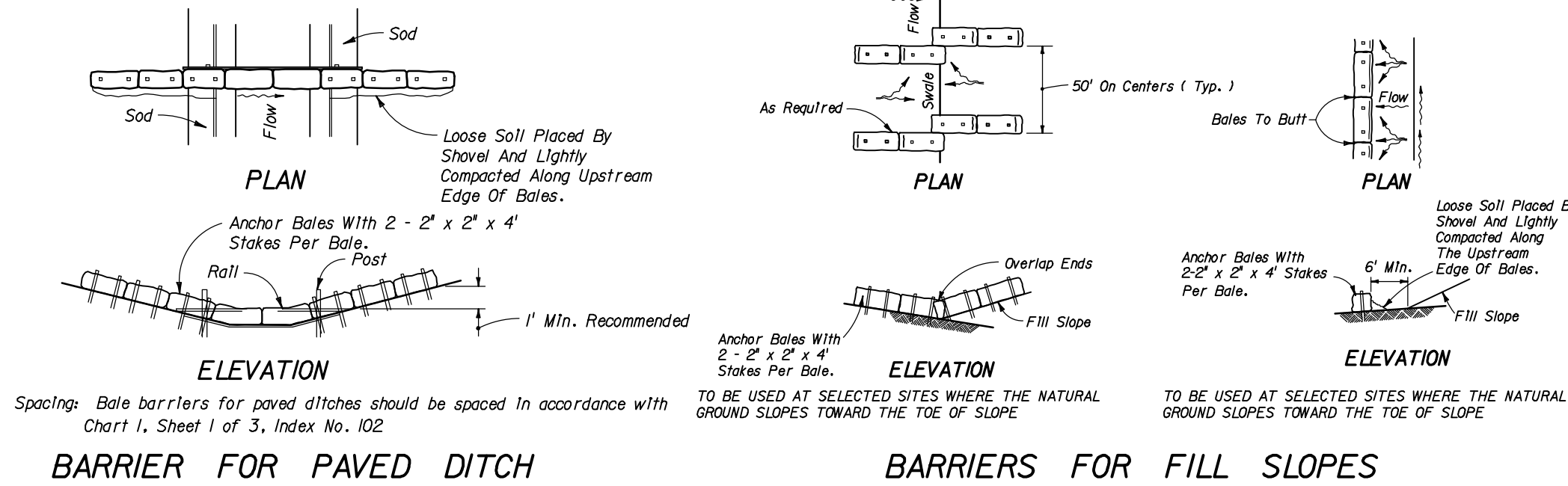
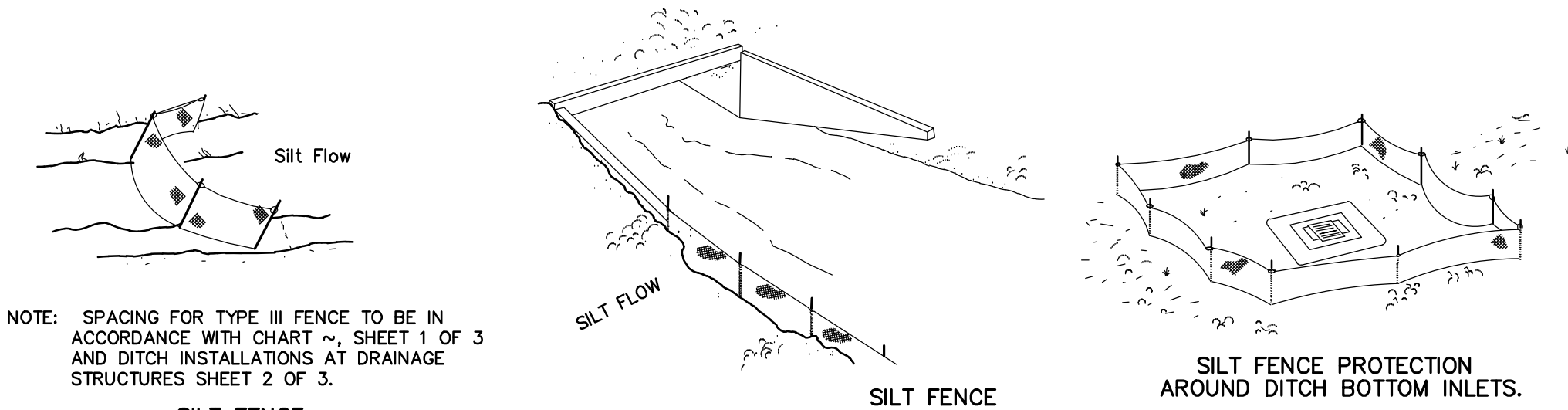
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- GENERAL NOTES:
- SEE NOTES, SPECIFICATIONS & LEGEND SHEET FOR ADDITIONAL INFORMATION.
 - THE SCALE OF THIS DRAWING MAY HAVE CHANGED DUE TO REPRODUCTION.

DRAWING 13189-EROS	SHEET C101	10 OF 33	FONTANA CONCEPTUAL MASS GRADING PLANS OSCEOLA COUNTY, FLORIDA EROSION AND SEDIMENTATION CONTROL PLAN				DONALD W. MCINTOSH ASSOCIATES, INC. ENGINEERS 2800 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4088 CERTIFICATE OF AUTHORIZATION NO. 68				JAMES C. NUGENT FLORIDA P.E. No. 57553 DATE: _____				NO. DATE REVISIONS			
			DESIGNED BY DSW				CHECKED BY JCN				JOB NUMBER 13189				DATE			
			SCALE 1"=50'				DATE 5/2/18				JOB NUMBER 13189				DATE			
			DRAWN BY DSW				CHECKED BY JCN				JOB NUMBER 13189				DATE			
			DRAWN BY DSW				CHECKED BY JCN				JOB NUMBER 13189				DATE			

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TURBIDITY MONITORING REQUIRED:

DESCRIPTION: TURBIDITY EXPRESSED IN NEPHELOMETRIC TURBIDITY UNITS (NTU).

LOCATION: BACKGROUND-SAMPLES SHALL BE TAKEN 200 FEET UPSTREAM OF ANY CONSTRUCTION ACTIVITY WITHIN SURFACE WATERS OF THE STATE.

COMPLIANCE: SAMPLES SHALL BE TAKEN 200 FEET DOWNSTREAM OF THE CONSTRUCTION ACTIVITIES ADJACENT TO OR WITHIN WATERS OF THE STATE.

FREQUENCY: TWICE DAILY, WITH AT LEAST A FOUR HOUR INTERVAL, DURING ALL WORK AUTHORIZED BY THIS PERMIT.

DURATION: MONITORING SHALL BEGIN ON THE FIRST DAY OF CONSTRUCTION FOR ALL ACTIVITIES AND MAY BE DISCONTINUED UPON PERMANENT STABILIZATION OF ALL DISTURBED SOILS.

STANDARDS & REPORTING: THE MONITORING DATA MUST DEMONSTRATE THAT TURBIDITY AT THE COMPLIANCE SITE IS LESS THAN OR EQUAL TO 29 NTU'S ABOVE NATURAL BACKGROUND FOR A PERIOD OF 7 CONSECUTIVE DAYS AFTER COMPLETION OF CONSTRUCTION. ALL MONITORING DATA SHALL BE READ AND RECORDED DAILY, AND SUBMITTED TO THE OWNERS AUTHORIZED REPRESENTATIVE (O.A.R.) BY 5:00 P.M. EACH FRIDAY. IF AT ANY TIME THE TURBIDITY EXCEEDS BACKGROUND BY MORE THAN 29 NTU'S, ALL CONSTRUCTION ACTIVITIES SHALL BE HALTED, A WRITTEN REPORT FAXED TO THE DISTRICT POST PERMIT COMPLIANCE DEPARTMENT IN ORLANDO.

MONITORING REPORTS SHALL ALSO INCLUDE THE FOLLOWING INFORMATION FOR EACH SAMPLE THAT IS TAKEN:

1. TIME OF DAY SAMPLES WERE TAKEN
2. DEPTH OF WATER BODY
3. DEPTH OF SAMPLES
4. ANTECEDENT WEATHER CONDITIONS, AND;
5. WIND DIRECTION AND VELOCITY
6. SAMPLE LOCATION MAP

CORRECTIVE ACTIONS: REMEDIAL MEASURES SHALL BE TAKEN IMMEDIATELY TO CORRECT THE PROBLEM. ACTIVITIES SHALL RESUME ONLY WITH THE CONFIRMATION FROM DISTRICT STAFF THAT THE SITUATION HAS BEEN RESOLVED.

TURBIDITY MONITORING: CONTRACTOR IS RESPONSIBLE FOR TURBIDITY MONITORING & REPORTING.

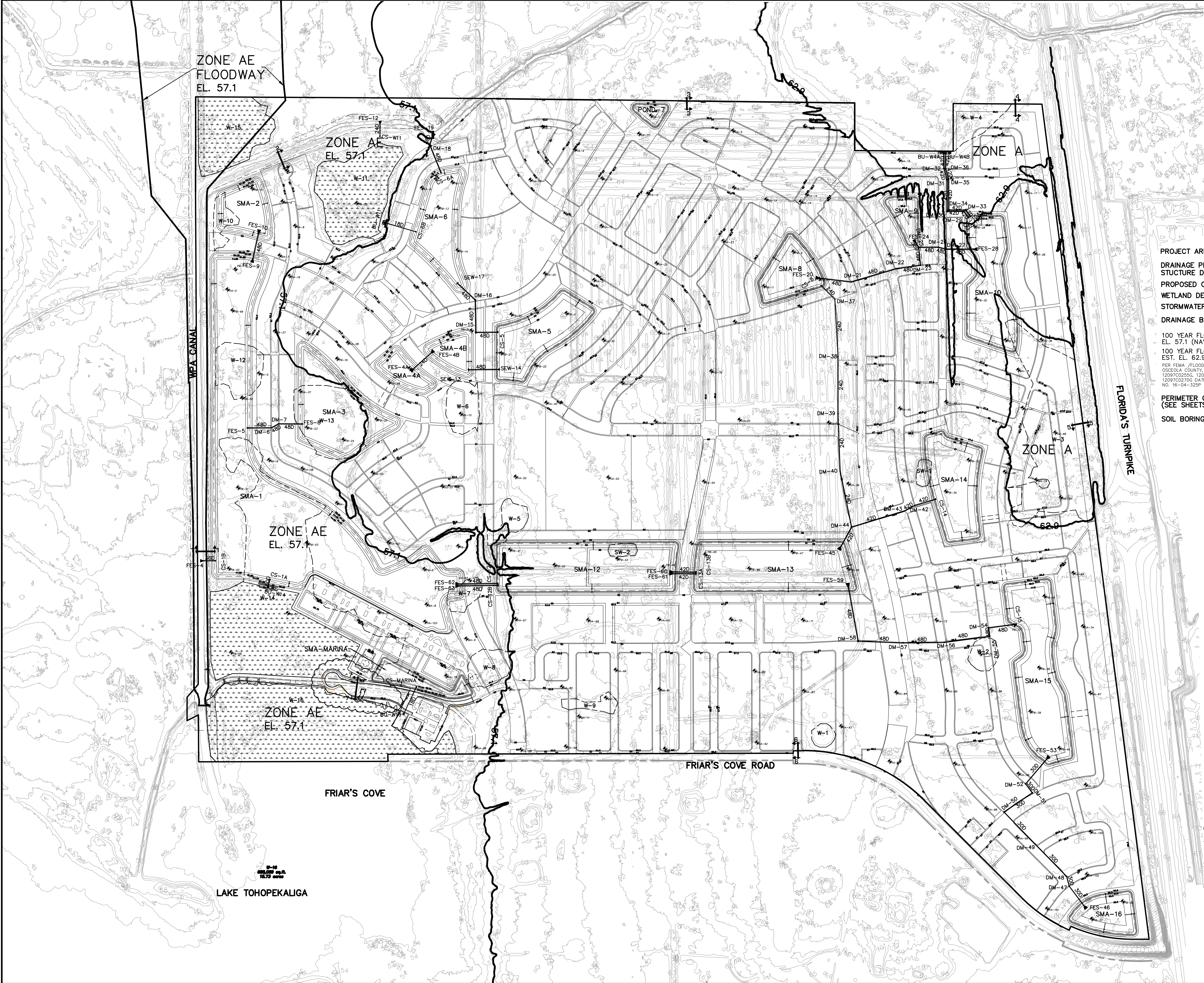
NOTE: THIS SHEET CONTAINS STANDARD DRAWINGS AND NOTES OF THE UTILITY SERVICE PROVIDER. IT MAY CONTAIN INFORMATION THAT DIFFERS FROM THAT CONTAINED IN PROJECT NOTES, SPECIFICATIONS, AND DETAILS SHOWN ELSEWHERE IN THE PLANS. TYPICALLY, THE MORE STRINGENT REQUIREMENTS SHALL APPLY, SUBJECT TO DETERMINATION BY THE ENGINEER. ITEMS SHOWN THAT MAY BE OUTSIDE OF THE DISCIPLINE OF THE CIVIL/SITE ENGINEER ARE NOT INCLUDED IN THE ENGINEER'S CERTIFICATION.

GENERAL NOTES:

1. SEE NOTES, SPECIFICATIONS & LEGEND SHEET FOR ADDITIONAL INFORMATION.
2. THE SCALE OF THIS DRAWING MAY HAVE CHANGED DUE TO REPRODUCTION.

DRAWING 13189-EROSDT		SHEET C103		12 OF 33	
FONTANA CONCEPTUAL MASS GRADING PLANS OSCEOLA COUNTY, FLORIDA EROSION CONTROL AND TREE PRESERVATION DETAILS					
DONALD W. MCINTOSH ASSOCIATES, INC. ENGINEERS 2200 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4088 CERTIFICATE OF AUTHORIZATION NO. 68					
DESIGNED BY DSW		CHECKED BY JCN		DATE 5/2/18	
SCALE NTS		JOB NUMBER 13189		DATE 5/2/18	
JAMES C. NUGENT FLORIDA P.E. No. 57553		NO.		REVISIONS	
DATE		NO.		CHK.	

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LEGEND

PROJECT AREA (±677.4 AC.)

DRAINAGE PIPE & SIZE & STUCTURE DESIGNATION

PROPOSED CONTOUR

WETLAND DESIGNATION

STORMWATER MANAGEMENT AREA

DRAINAGE BASIN DIVIDE

100 YEAR FLOOD (ZONE AE)

EL. 57.1 (NAVD88)

100 YEAR FLOOD (ZONE A)

EST. EL. 62.9 (NAVD88)

PER FEMA /FLOOD INSURANCE RATE MAP OF

OSCEOLA COUNTY, COMMUNITY PANELS

12097C0255G, 12097C0260G, 12097C0265G,

12097C0270G DATED 6-18-13 & LOMR CASE

NO. 16-04-325P DATED MARCH 31, 2017

PERIMETER CROSS SECTION LOCATION

(SEE SHEETS C341 - C343)

SOIL BORING LOCATION

GENERAL NOTES:

1. SEE NOTES, SPECIFICATIONS & LEGEND SHEET FOR ADDITIONAL INFORMATION.
2. THE SCALE OF THIS DRAWING MAY HAVE CHANGED DUE TO REPRODUCTION.

DRAWING 13189-MSTDNG	SHEET C301	13 OF 33	FONTANA CONCEPTUAL MASS GRADING PLANS OSCEOLA COUNTY, FLORIDA MASTER DRAINAGE PLAN											DONALD W. MCINTOSH ASSOCIATES, INC. ENGINEERS 2800 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4068 CERTIFICATE OF AUTHORIZATION NO. 68										JAMES C. NUGENT FLORIDA P.E. No. 57553 DATE: _____																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			DRAWN BY		DESIGNED BY		CHECKED BY		DATE		SCALE			JOB NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

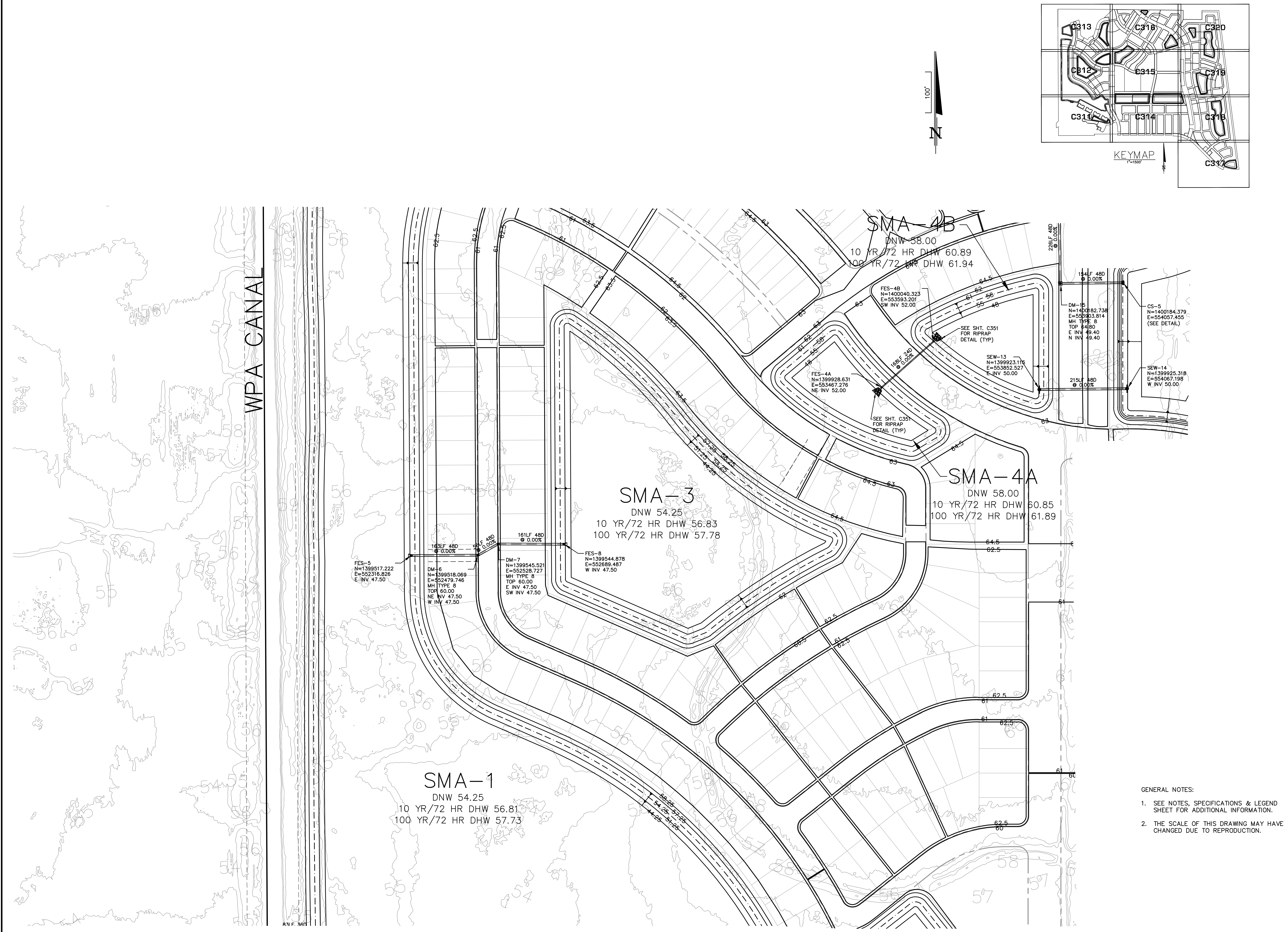
This is a detailed conceptual mass grading and drainage plan for Friar's Cove, specifically focusing on the SMA-Marina area. The plan shows the proposed layout of the marina, including various basins and berths. Key features include:

- W-14 and W-16:** Two large water bodies or basins, with W-14 being the primary marina area and W-16 a smaller adjacent basin.
- SMA-Marina:** The central marina structure, showing berths and moorings. It includes a "RETAINING WALL (DESIGN BY OTHERS WITH FINAL PERMITTING)" along its eastern boundary.
- Drainage Infrastructure:** Numerous storm pipes are shown, including "EXISTING 30\" HOPE STORM PIPE TO BE PLUGGED & PROPERLY ABANDONED", "EXISTING 24\" HOPE STORM PIPES TO BE PLUGGED & PROPERLY ABANDONED", and "EXISTING 60\" CMP STORM PIPE TO REMAIN".
- Grading and Elevation:** The plan shows existing and proposed elevations, with a specific note for "ELEV. 54 CONTOUR PER OSCEOLA COUNTY LIDAR TOPOGRAPHY".
- Other Features:** Includes "UPLAND BUFFER" areas, "BU-W14 WITH CONC. APRON", and "BU-W16 WITH CONC. APRON".
- Legend and Notes:** A legend defines the "ENVIRONMENTAL PROTECTION SIGN" (SEE DETAIL SHEET C351). General notes state: "1. SEE NOTES, SPECIFICATIONS & LEGEND SHEET FOR ADDITIONAL INFORMATION." and "2. THE SCALE OF THIS DRAWING MAY HAVE CHANGED DUE TO REPRODUCTION."
- Keymap:** A small inset map in the top right corner shows the location of the project within a larger area, with labels like C313, C318, C320, C312, C315, C316, C314, C317, and C319.

DRAWING 13169-00 SHEET C311 14 OF 33	FONTANA CONCEPTUAL MASS GRADING PLANS OSCEOLA COUNTY, FLORIDA			DONALD W. MCINTOSH ASSOCIATES, INC. ENGINEERS 2800 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4088 CERTIFICATE OF AUTHORIZATION NO. 68			JAMES C. NIUGENT FLORIDA P.E. No. 57553 DATE: _____		
	GRADING AND DRAINAGE PLAN			PLANNERS SURVEYORS JOB NUMBER 13169			REVISIONS		
				SCALE 1"=100'			NO.		
				DATE 5/2/18			CHK.		

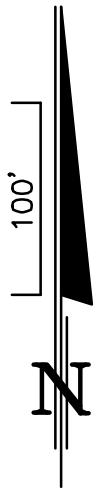
F:\Proj2013\13189\EDWG\Final\FE-MG\Conceptual Mass Grading 2020 Mod\13189-GD.dwg

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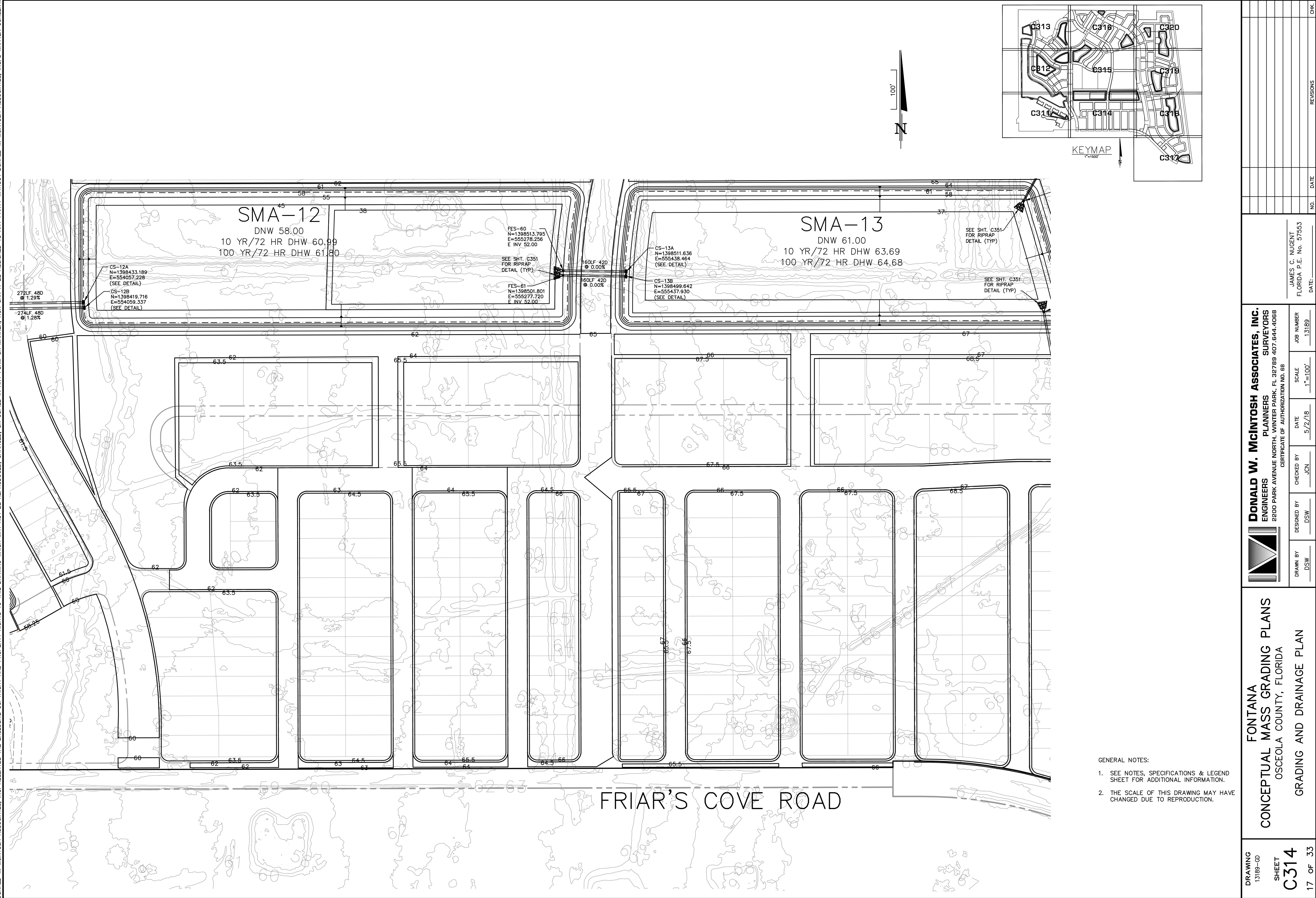
- GENERAL NOTES:
1. SEE NOTES, SPECIFICATIONS & LEGEND SHEET FOR ADDITIONAL INFORMATION.
 2. THE SCALE OF THIS DRAWING MAY HAVE CHANGED DUE TO REPRODUCTION.

DRAWING 13189-GD	SHEET C312	15 OF 33	FONTANA		DONALD W. MCINTOSH ASSOCIATES, INC.		JAMES C. NUGENT	
			CONCEPTUAL MASS GRADING PLANS		ENGINEERS		FLORIDA P.E. No. 57553	
			OSCEOLA COUNTY, FLORIDA		2800 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4088		DATE: _____	
			GRADING AND DRAINAGE PLAN		CERTIFICATE OF AUTHORIZATION NO. 68		NO. _____	
			DESIGNED BY DSW		CHECKED BY JCN		DATE 5/2/18	
			DRAWN BY DSW		JOB NUMBER 13189		NO. _____	
					SCALE 1"=100'		DATE 11/5/18	
					REVISIONS		CHK.	
					REVISED GRADING & DRAINAGE		CHK.	

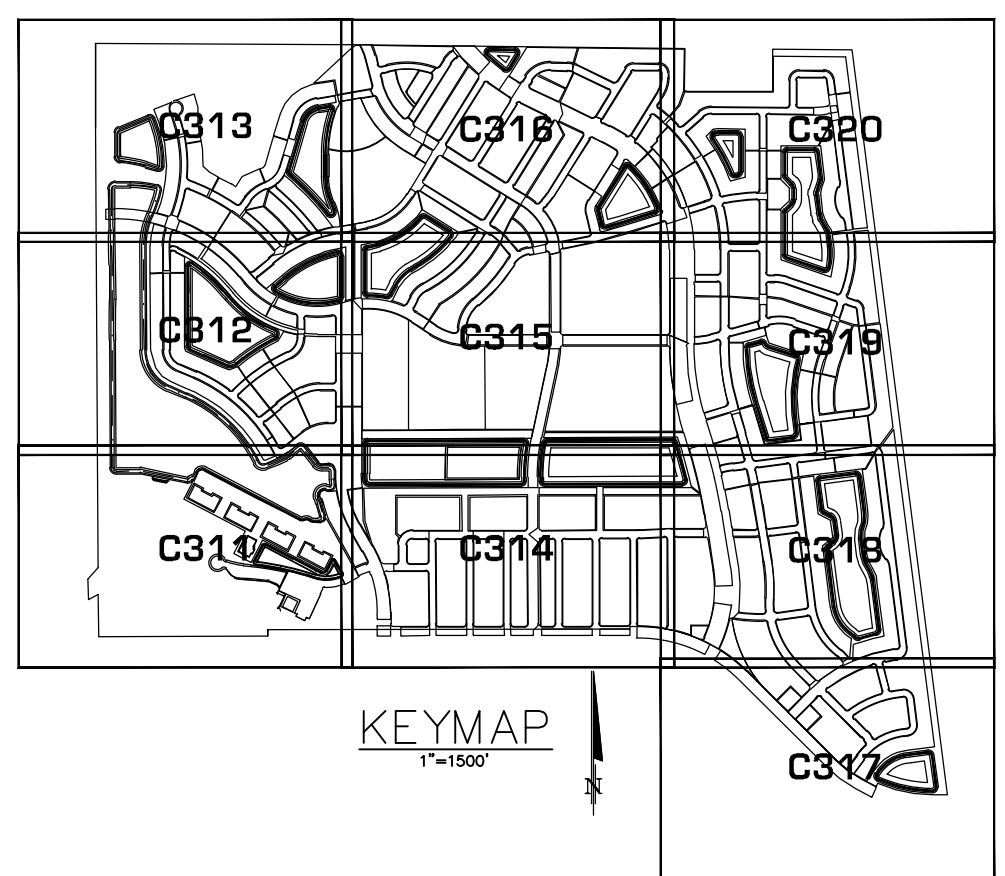
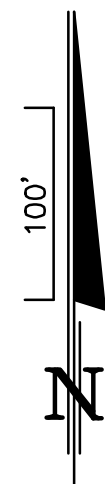
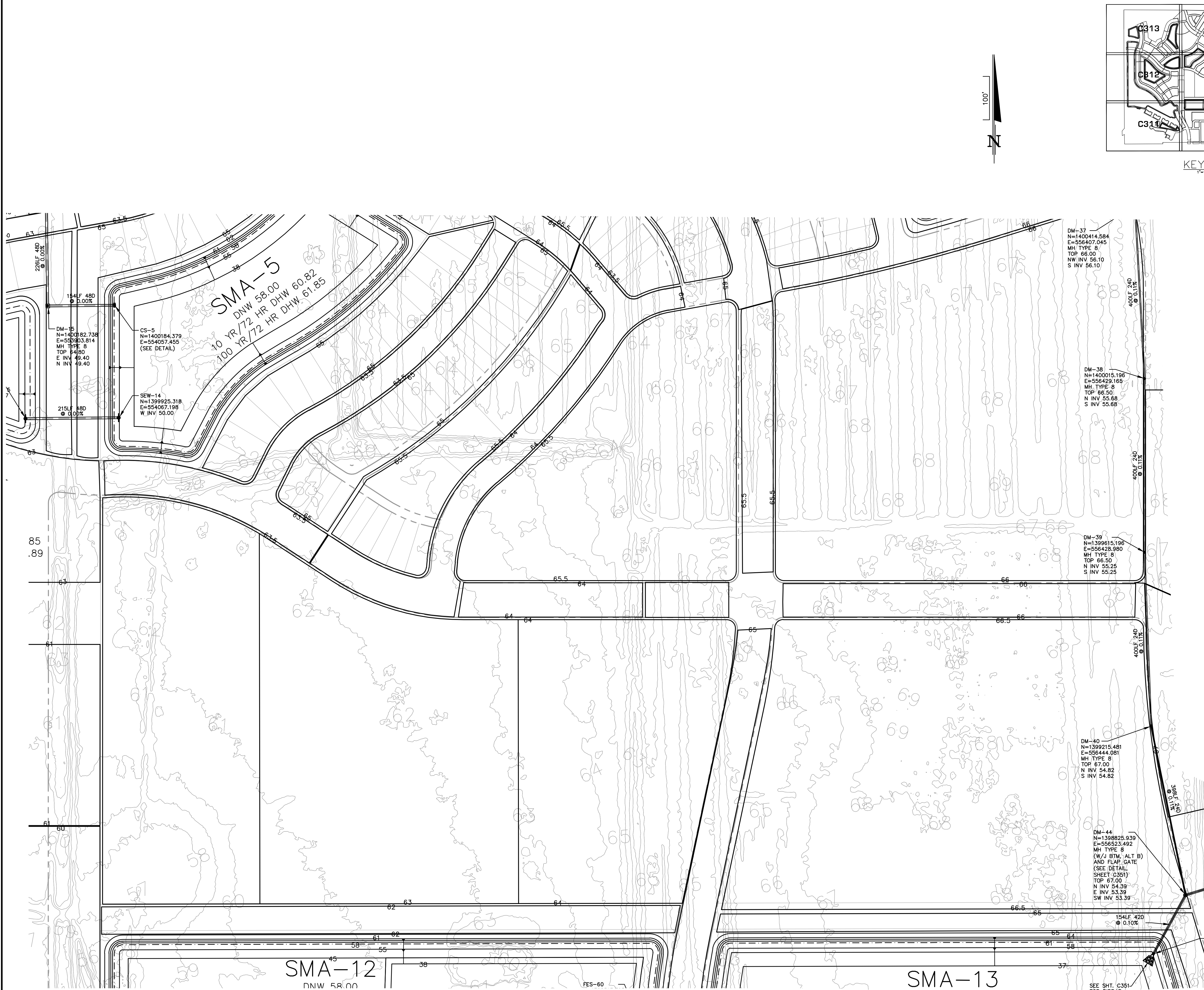


- | DONALD W. MCINTOSH ASSOCIATES, INC.
ENGINEERS PLANNERS SURVEYORS
2200 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4088
<small>CERTIFICATE OF AUTHORIZATION NO. 88</small> | | JAMES C. NUGENT
FLORIDA P.E. No. 57553
DATE: _____ | |
|--|-------------|--|------------|
| DRAWN BY | DESIGNED BY | CHECKED BY | DATE |
| DSW | DSW | JCN | 5/2/18 |
| | | SCALE | JOB NUMBER |
| | | 1"=100' | 13189 |

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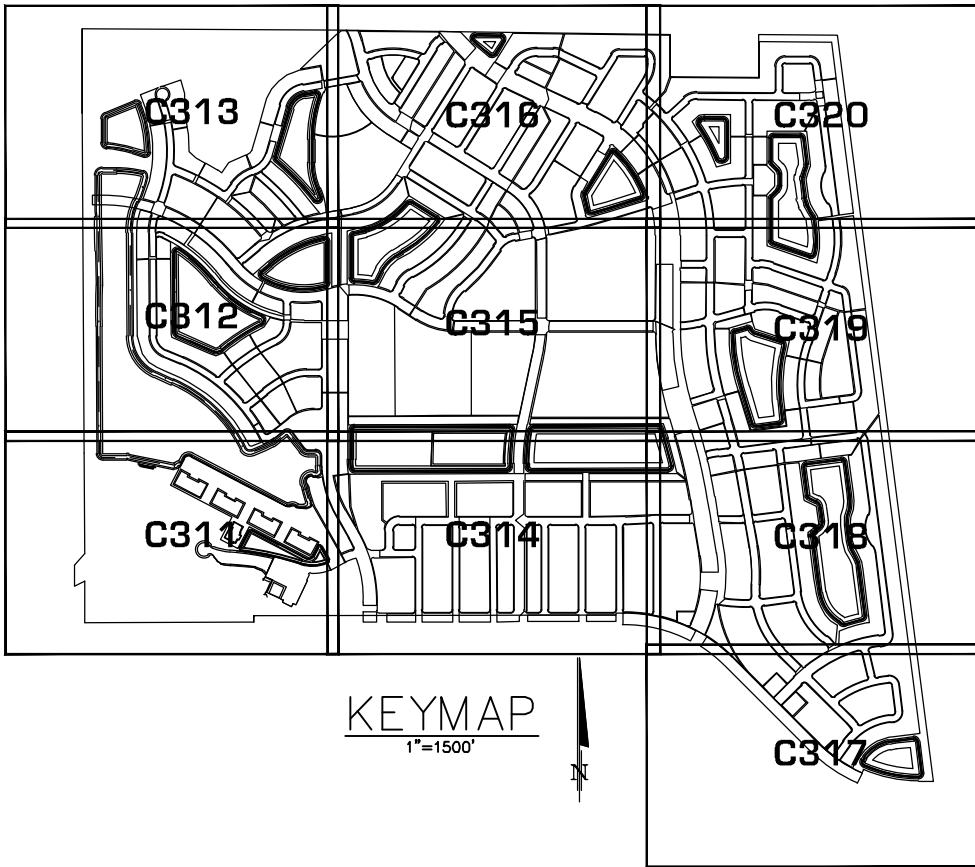
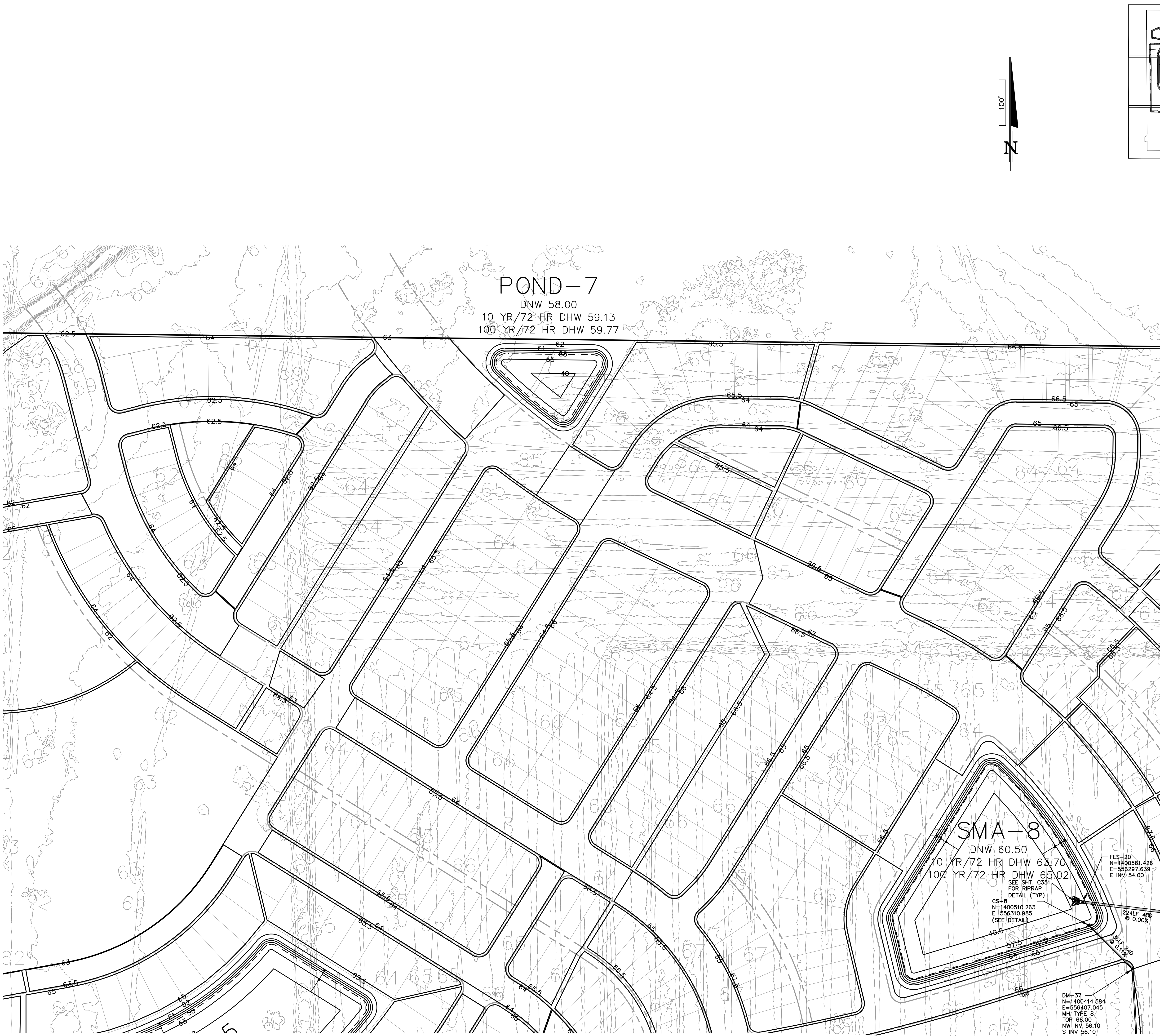
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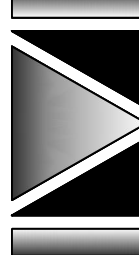
- GENERAL NOTES:
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DRAWING 13189-GD	SHEET C315	18 OF 33	FONTANA CONCEPTUAL MASS GRADING PLANS OSCEOLA COUNTY, FLORIDA		DONALD W. MCINTOSH ASSOCIATES, INC. ENGINEERS 2200 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4068 CERTIFICATE OF AUTHORIZATION NO. 68		JAMES C. NUGENT FLORIDA P.E. No. 57553 DATE: _____				
			GRADING AND DRAINAGE PLAN		PLANNERS SURVEYORS FL 32789 407.644.4068		NO. _____		DATE _____		
			DRAWN BY DSW	DESIGNED BY DSW	CHECKED BY JCN	DATE 5/2/18	SCALE 1"=100'	JOB NUMBER 13189	REVISIONS		
									CHK.		

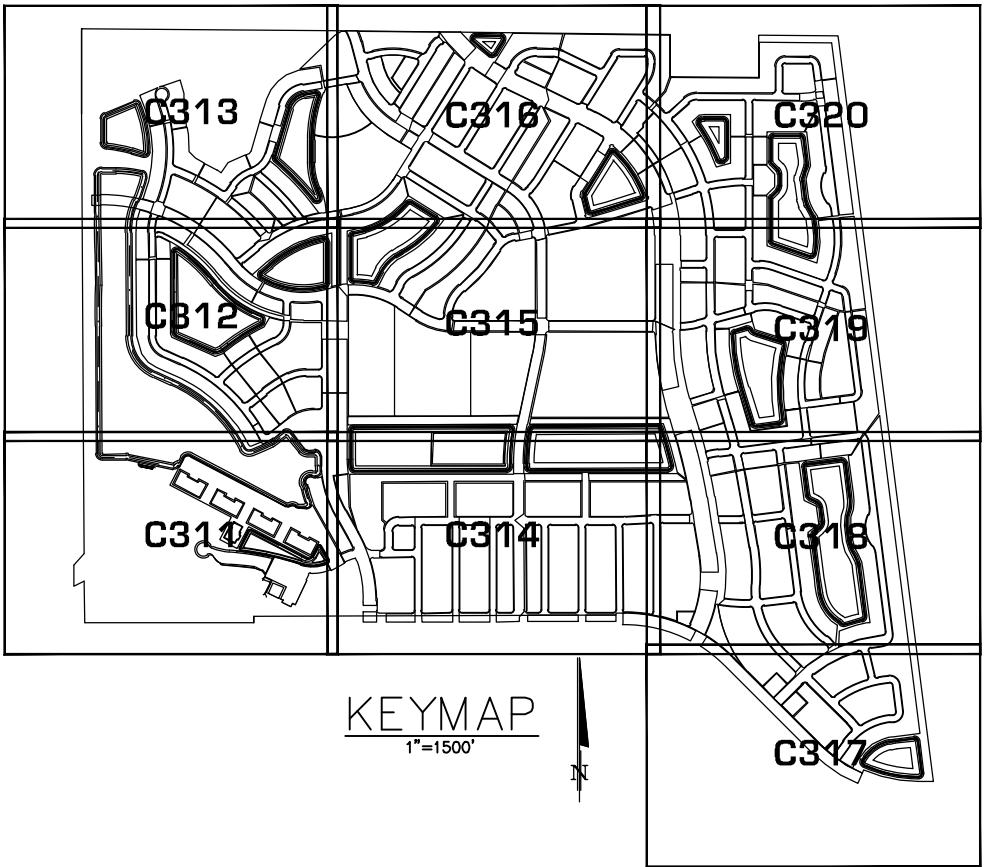
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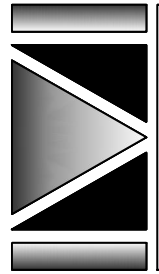
- GENERAL NOTES:
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 2. THE SCALE OF THIS DRAWING MAY HAVE CHANGED DUE TO REPRODUCTION.

DRAWING 13189-GD	SHEET C316	19 OF 33	FONTANA CONCEPTUAL MASS GRADING PLANS OSCEOLA COUNTY, FLORIDA GRADING AND DRAINAGE PLAN	 DONALD W. MCINTOSH ASSOCIATES, INC. ENGINEERS 2200 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4088 CERTIFICATE OF AUTHORIZATION NO. 68	DESIGNED BY DSW	CHECKED BY JCN	DATE 5/2/18	SCALE 1"=100'	JOB NUMBER 13189	JAMES C. NUGENT FLORIDA P.E. No. 57553 DATE: _____	NO.	DATE	REVISIONS	JCN	CHK.

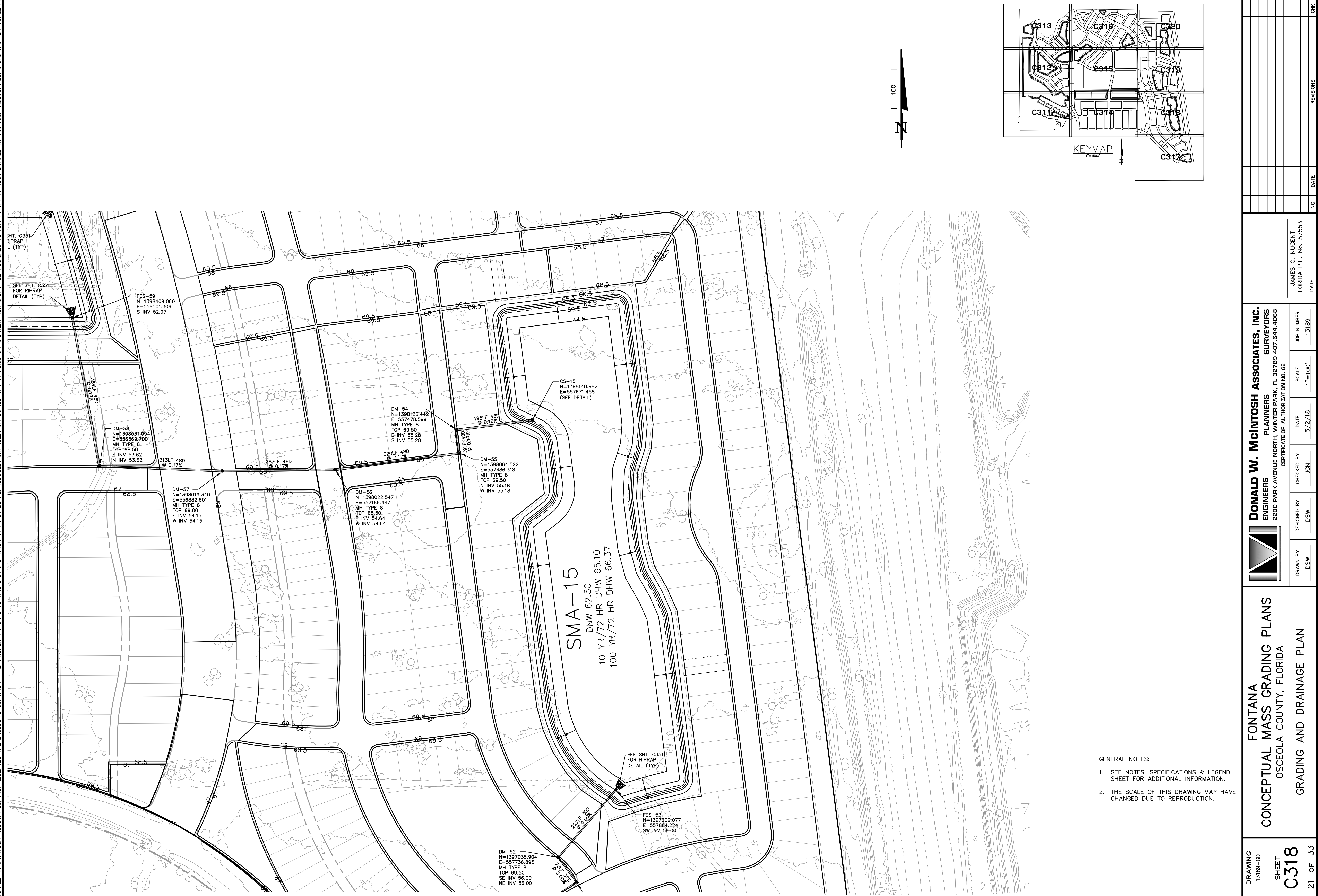
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DRAWING 13189-GD	SHEET C317	20 OF 33	FONTANA CONCEPTUAL MASS GRADING PLANS OSCEOLA COUNTY, FLORIDA		 DONALD W. MCINTOSH ASSOCIATES, INC. ENGINEERS 2200 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4088 CERTIFICATE OF AUTHORIZATION NO. 68		JAMES C. NUGENT FLORIDA P.E. No. 57553 DATE: _____			
			GRADING AND DRAINAGE PLAN		DESIGNED BY DSW	CHECKED BY JCN	DATE 5/2/18	SCALE 1"=100'	JOB NUMBER 13189	NO. _____

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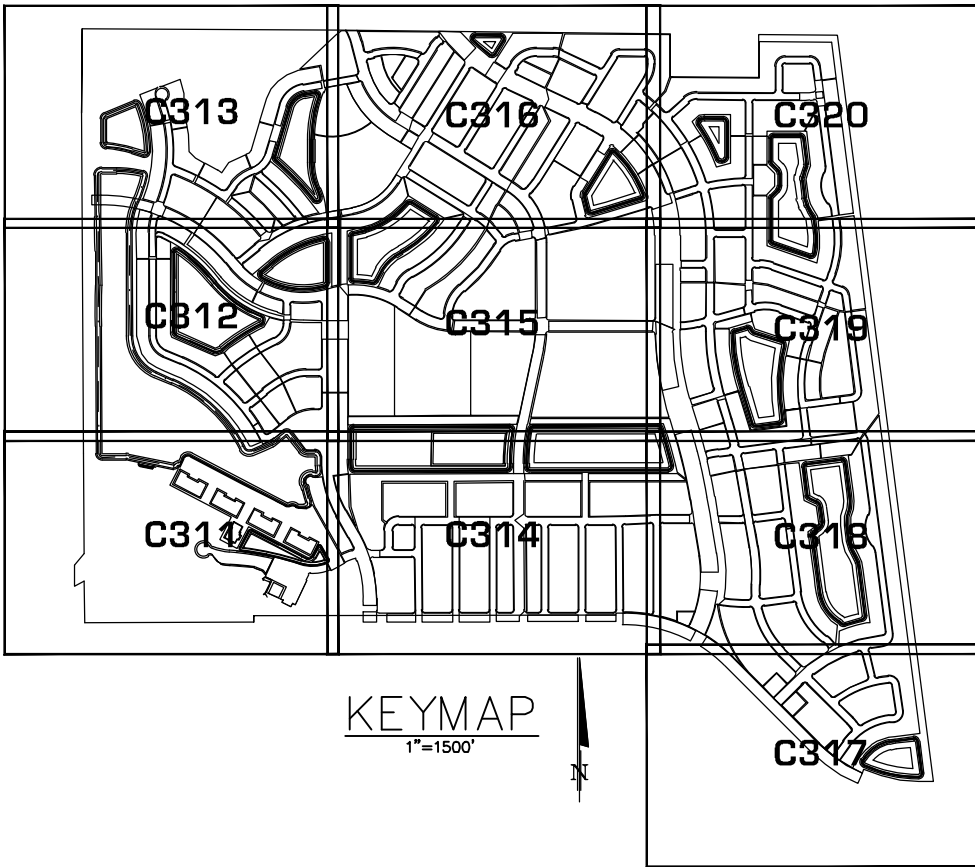
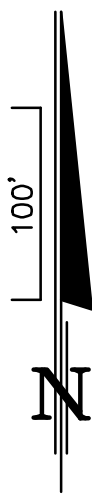
- GENERAL NOTES:
- SEE NOTES, SPECIFICATIONS & LEGEND SHEET FOR ADDITIONAL INFORMATION.
 - THE SCALE OF THIS DRAWING MAY HAVE CHANGED DUE TO REPRODUCTION.

DRAWING 13189-GD	SHEET C318	21 OF 33	FONTANA CONCEPTUAL MASS GRADING PLANS OSCEOLA COUNTY, FLORIDA		DONALD W. MCINTOSH ASSOCIATES, INC. ENGINEERS 2200 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4088 CERTIFICATE OF AUTHORIZATION NO. 68		JAMES C. NUGENT FLORIDA P.E. No. 57553 DATE: _____			
			GRADING AND DRAINAGE PLAN		DESIGNED BY DSW	CHECKED BY JCN	DATE 5/2/18	SCALE 1"=100'	JOB NUMBER 13189	NO.

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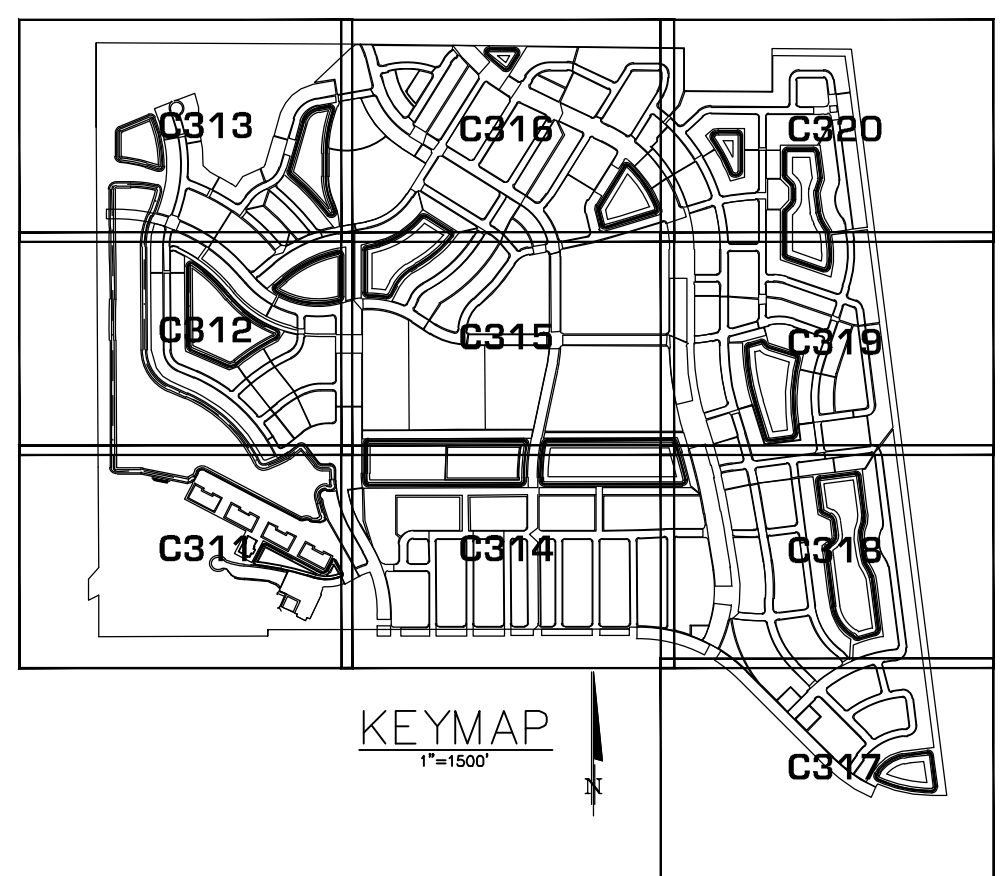
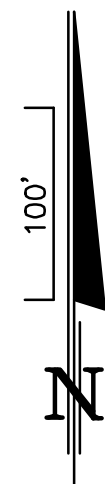
FLORIDA'S TURNPIKE



- GENERAL NOTES:
- SEE NOTES, SPECIFICATIONS & LEGEND SHEET FOR ADDITIONAL INFORMATION.
 - THE SCALE OF THIS DRAWING MAY HAVE CHANGED DUE TO REPRODUCTION.

DRAWING 13189-GD	SHEET C319	22 OF 33	FONTANA		DONALD W. MCINTOSH ASSOCIATES, INC.			
			CONCEPTUAL MASS GRADING PLANS		ENGINEERS			
		OSCEOLA COUNTY, FLORIDA		2200 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4068				
		GRADING AND DRAINAGE PLAN		CERTIFICATE OF AUTHORIZATION NO. 68				
		DESIGNED BY DSW		CHECKED BY JCN		JOB NUMBER 13189		
		DATE 5/2/18		SCALE 1"=100'		DATE 5/2/18		
						JAMES C. NUGENT FLORIDA P.E. No. 57553		
						DATE _____		
						NO. _____		
						REVISIONS		
						CHK.		

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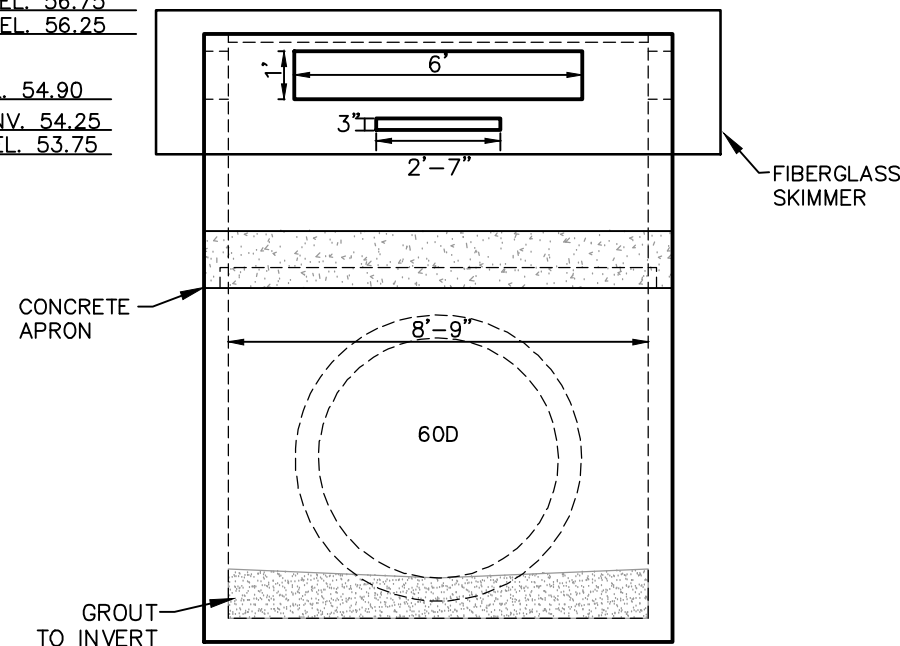
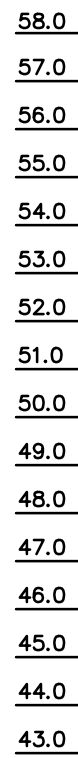
DRAWING 13189-GD SHEET C320 23 OF 33	FONTANA CONCEPTUAL MASS GRADING PLANS OSCEOLA COUNTY, FLORIDA GRADING AND DRAINAGE PLAN		DONALD W. MCINTOSH ASSOCIATES, INC. ENGINEERS 2200 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4088 CERTIFICATE OF AUTHORIZATION NO. 68		JAMES C. NUGENT FLORIDA P.E. No. 57553 DATE: _____
	DESIGNED BY DSW	CHECKED BY JCN	DATE 5/2/18	JOB NUMBER 13189	NO. _____ DATE _____ REVISIONS _____ CHK. _____



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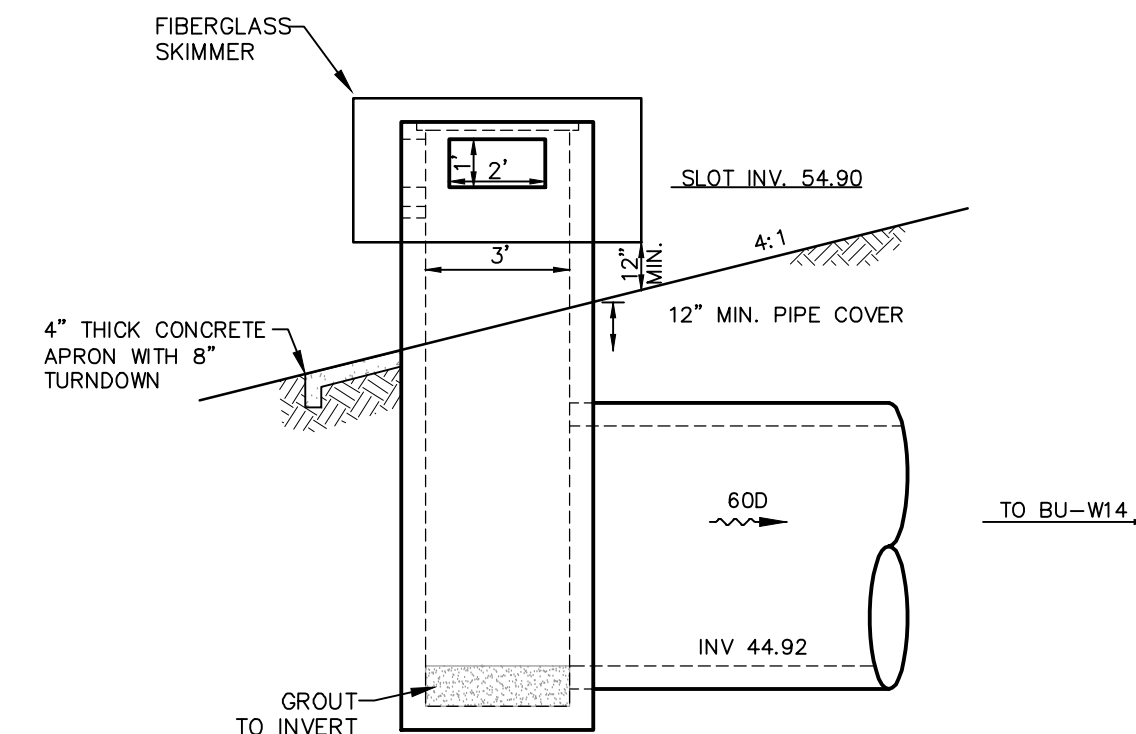
NOTE: CONTRACTOR TO REFERENCE DEWATERING PLANS FOR CONSTRUCTION SPECIFICATIONS AS OUTLINED IN THE SFWMD CONSTRUCTION DEWATERING PERMIT.

1. SEE NOTES, SPECIFICATIONS & LEGEND SHEET FOR ADDITIONAL INFORMATION.
2. THE SCALE OF THIS DRAWING MAY HAVE CHANGED DUE TO REPRODUCTION.

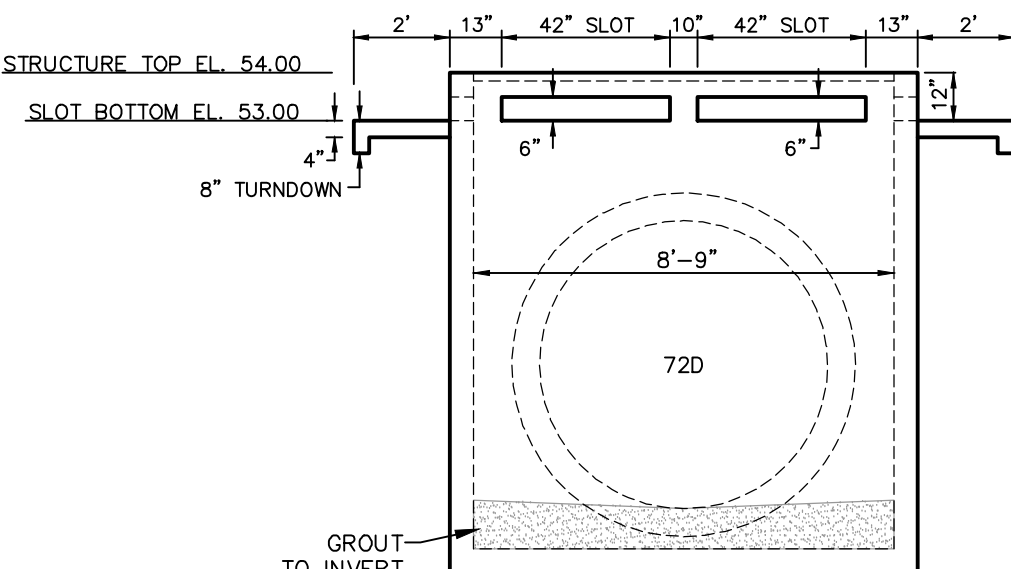
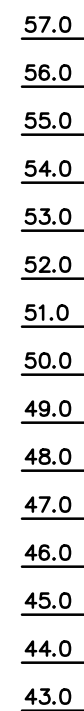


CS-1A

HORIZ. 1"=4'
VERT. 1"=4'

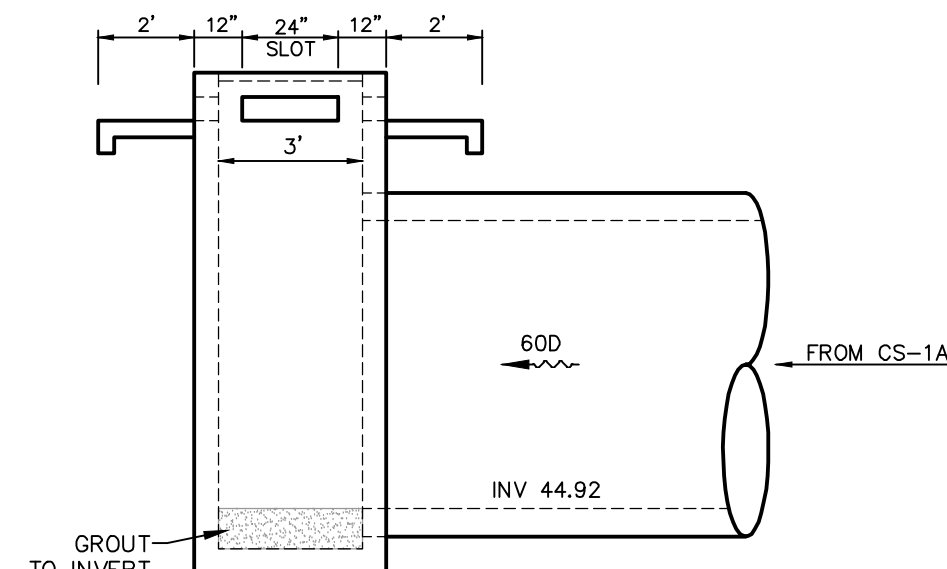


VERT. 1"=4'



BU-W14

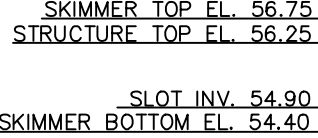
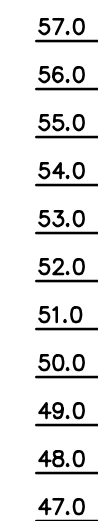
HORIZ. 1"=4'
VERT. 1"=4'



HORIZ. 1" = 4'

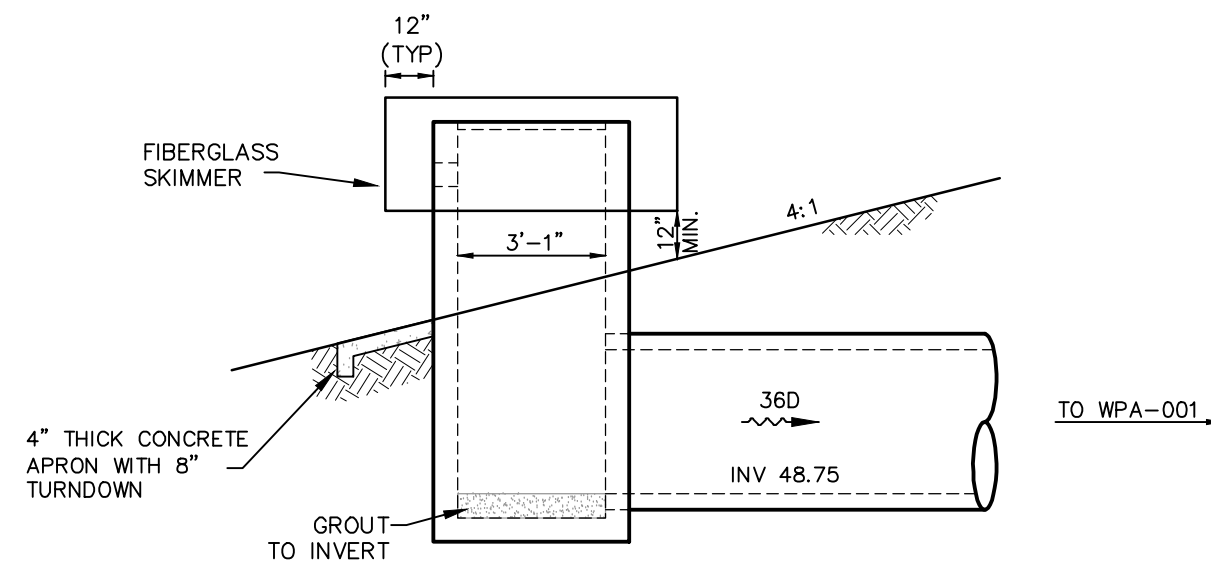
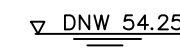


HORIZ. 1"=4'

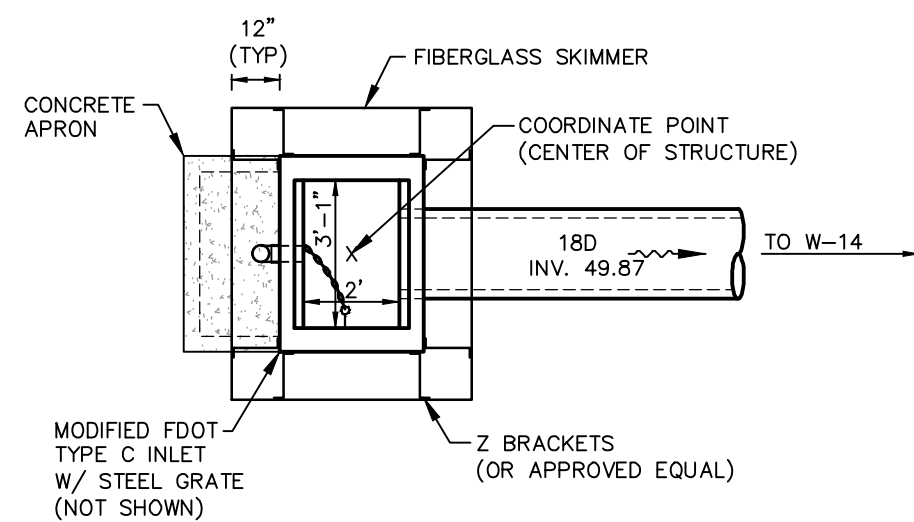


CS-1B

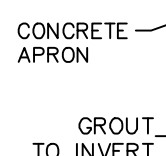
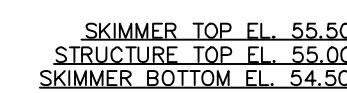
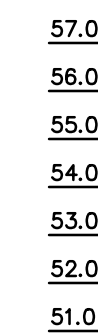
HORIZ. 1"=4



HORIZ. 1"=
VERT. 1"=4

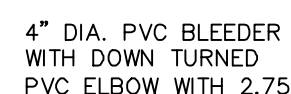
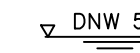


HORIZ. 1 = 4

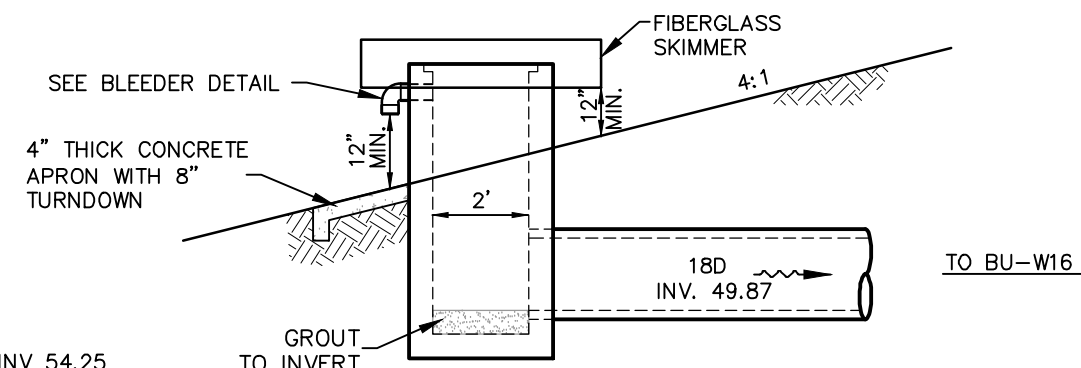


CS-MARINA

HORIZ. 1"=4'
VERT. 1"=4'



BLEEDER DETAIL
NTS



VERT. 1"=

1. SEE NOTES, SPECIFICATIONS & LEGEND SHEET FOR ADDITIONAL INFORMATION.
2. THE SCALE OF THIS DRAWING MAY HAVE CHANGED DUE TO REPRODUCTION.

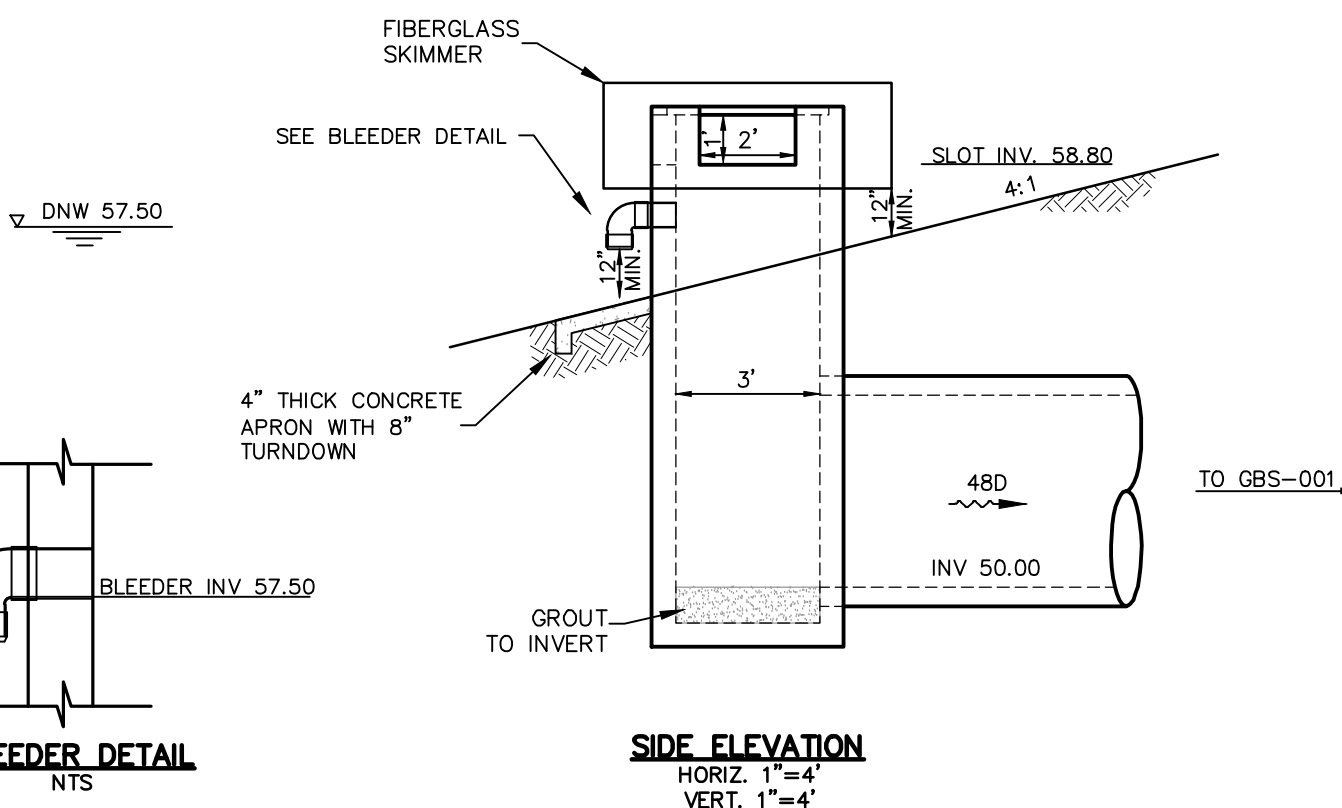
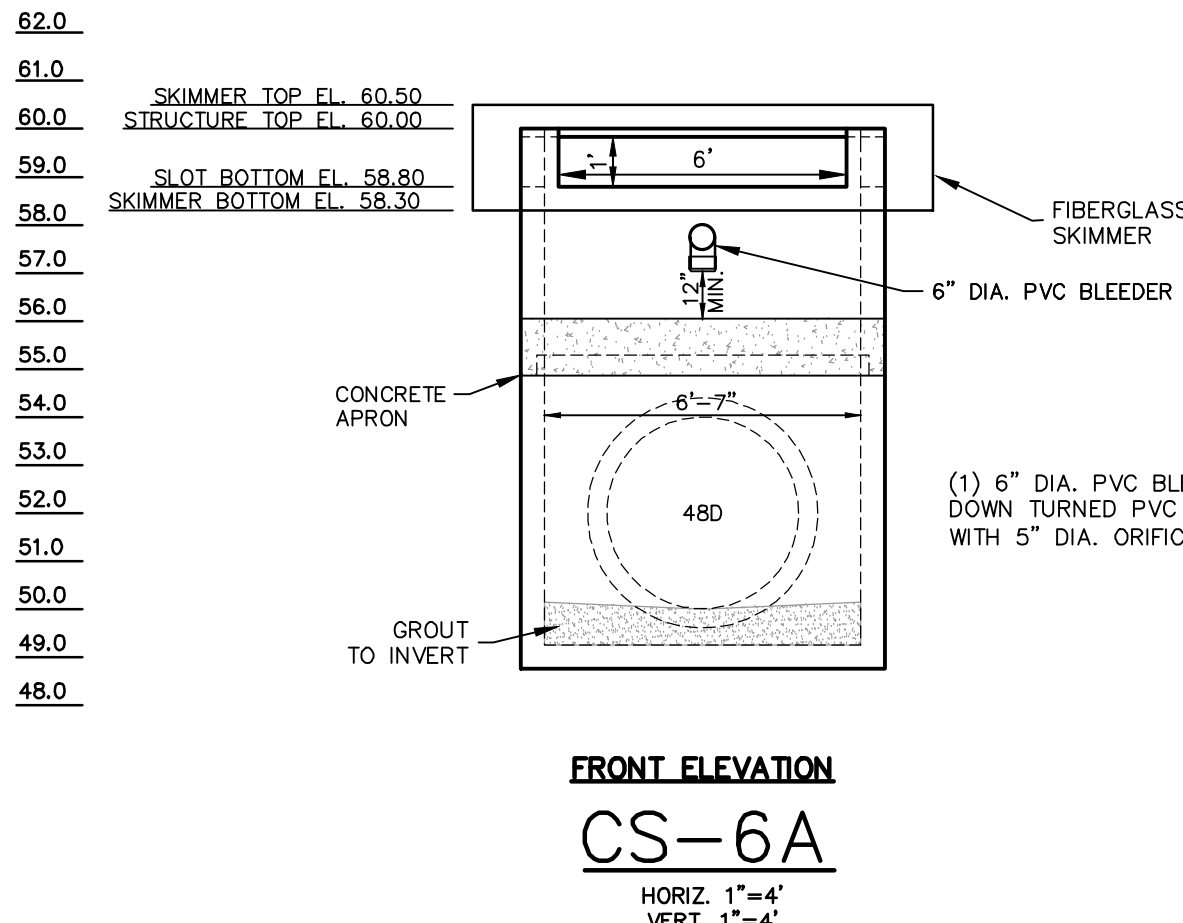
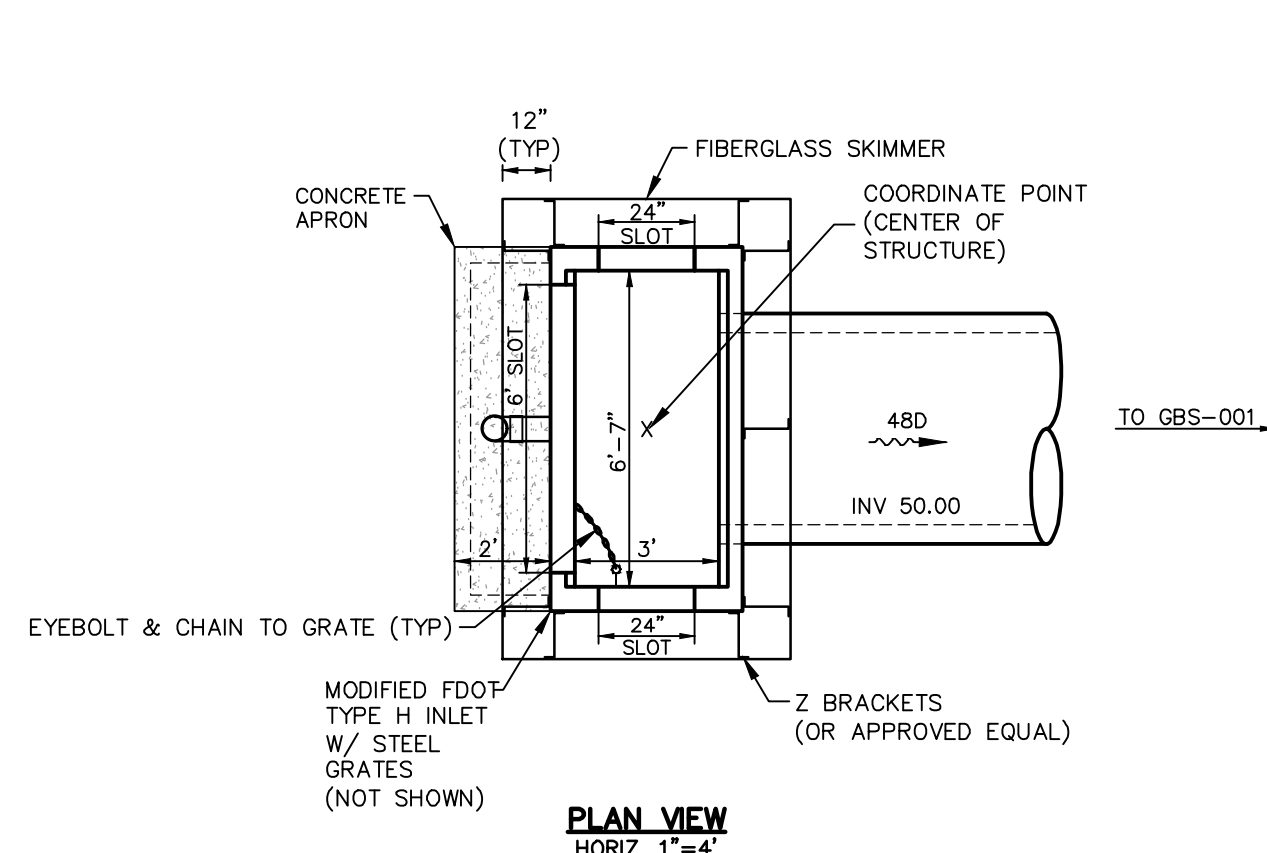
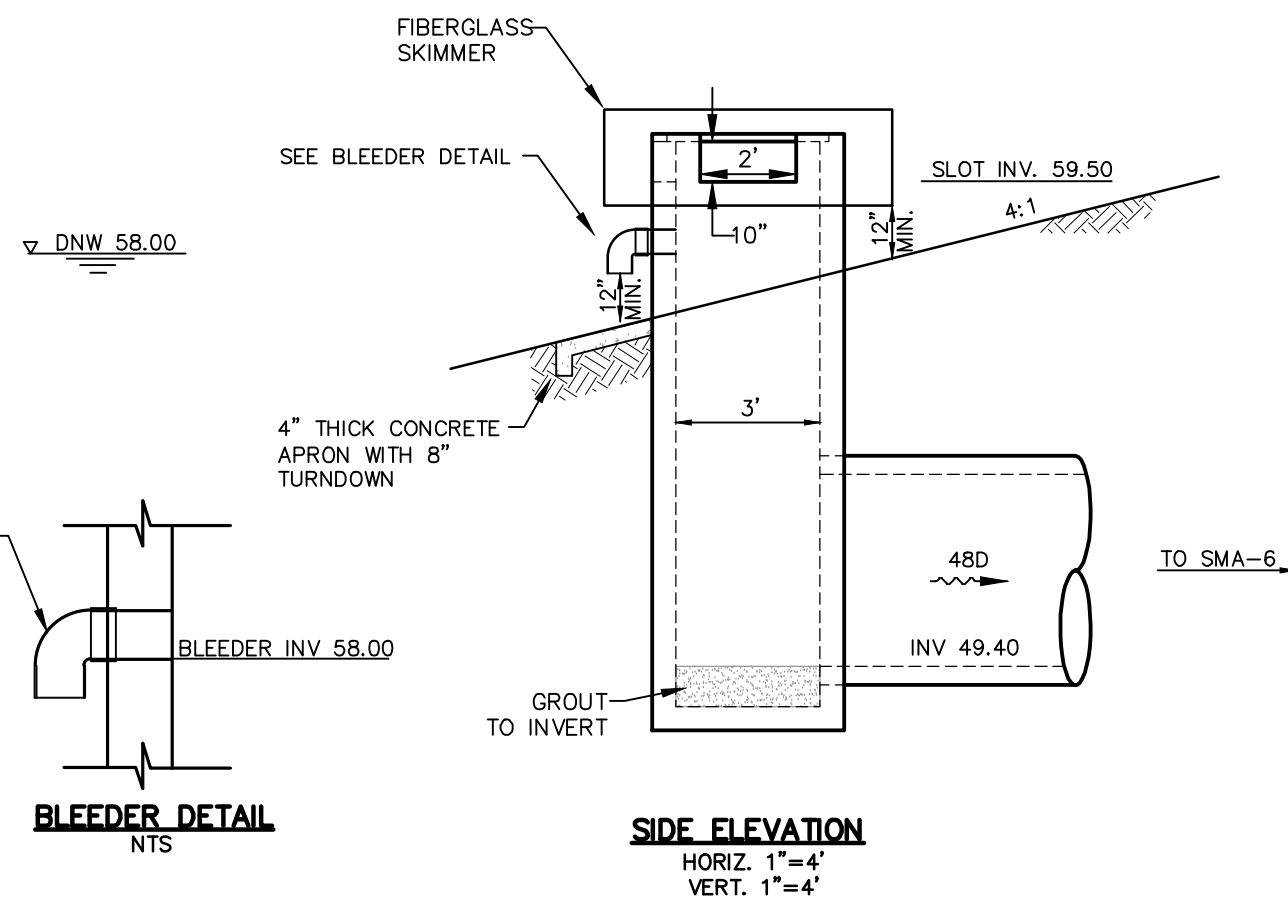
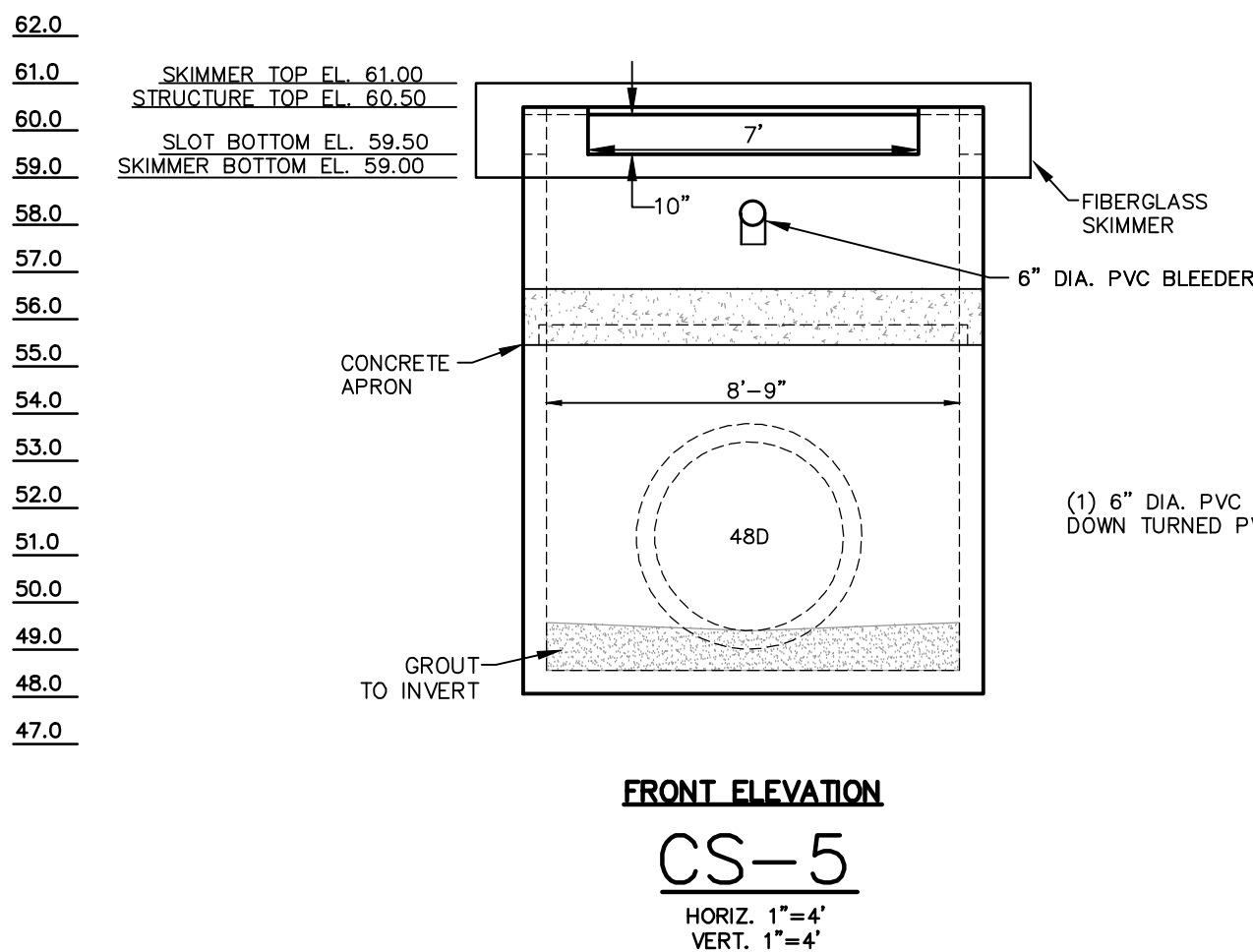
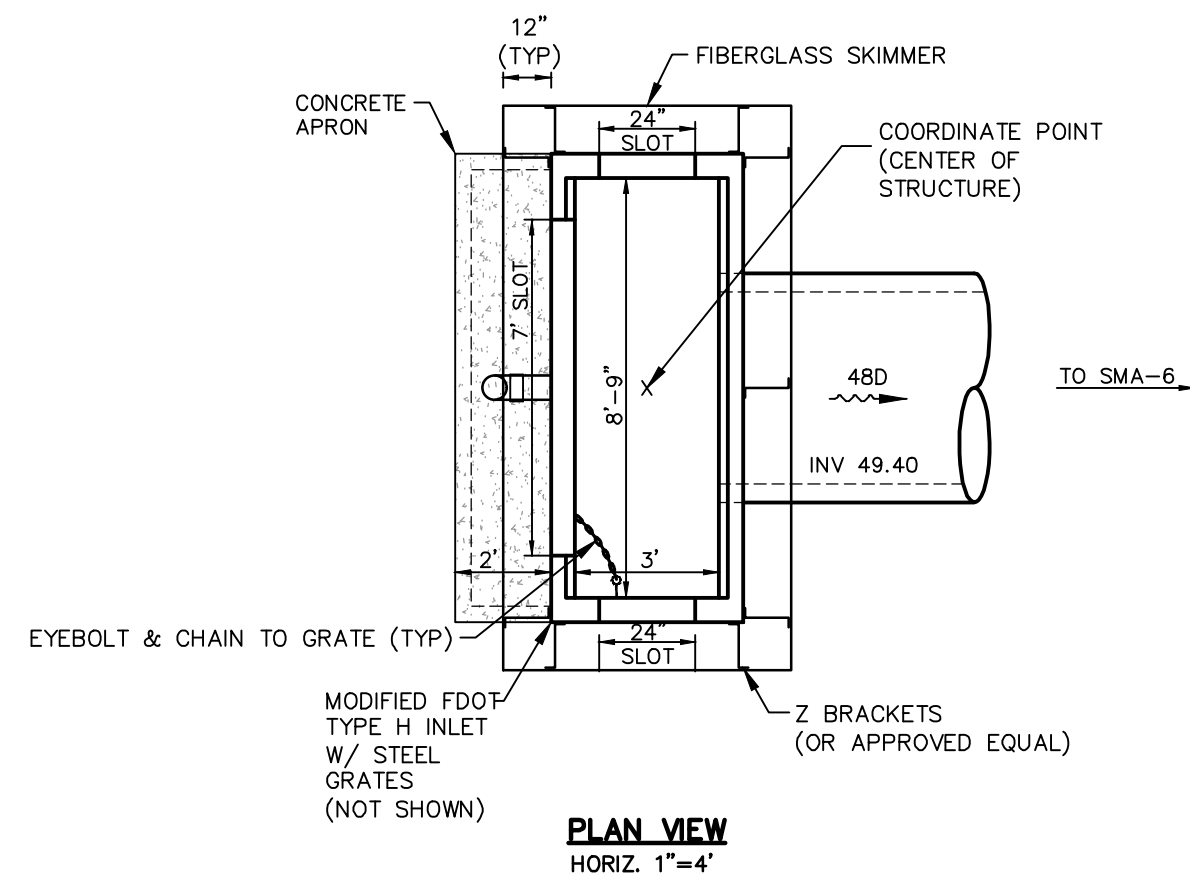
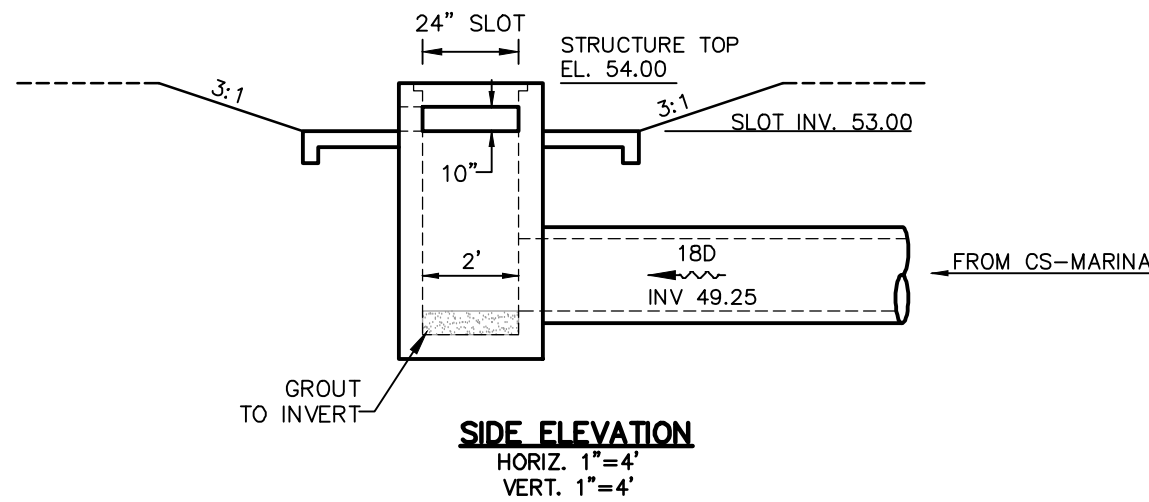
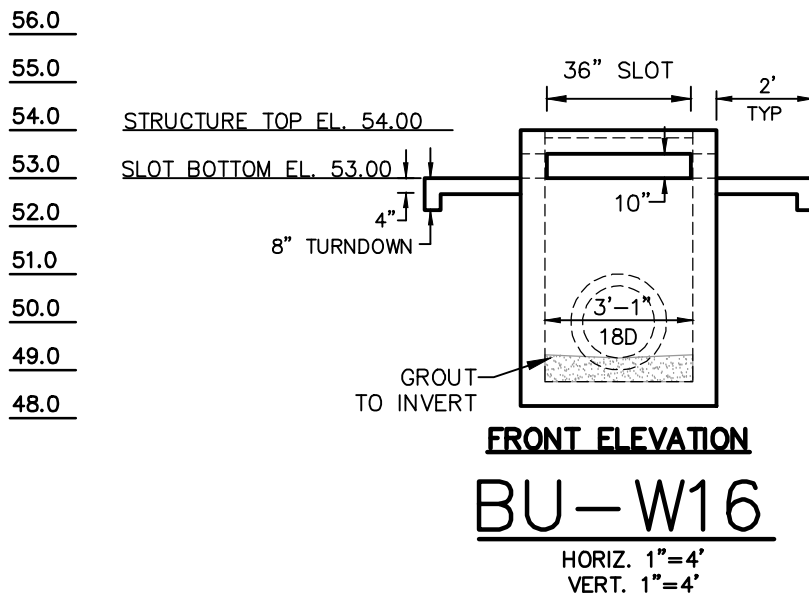
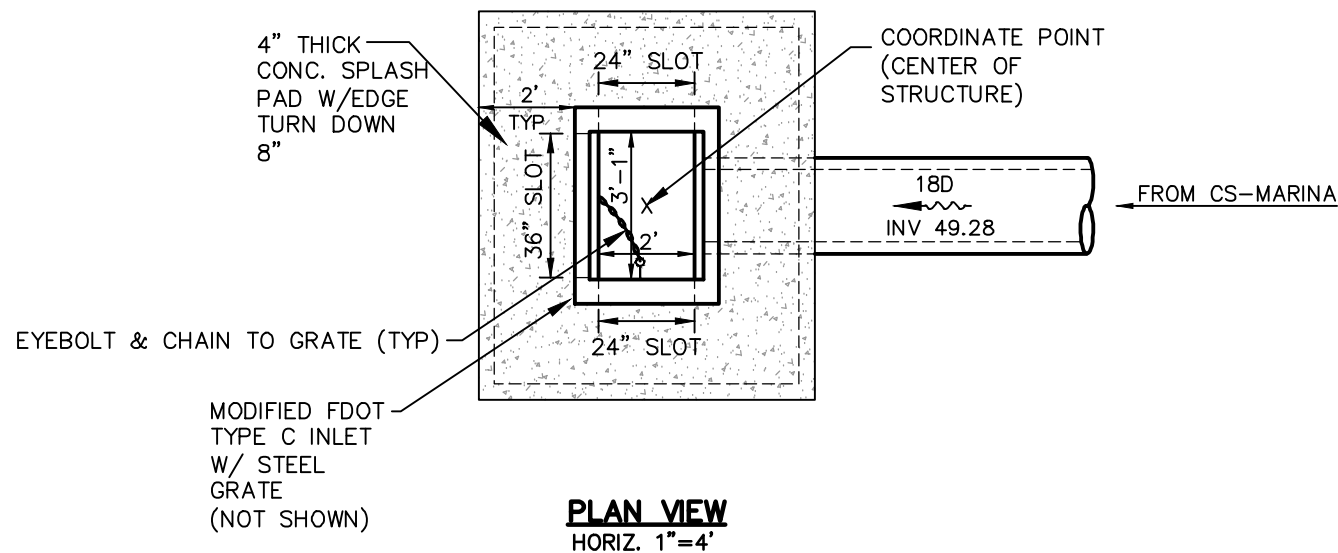
DRAWING
13189-CTLSTR

SHEET

C331

33 OF 33

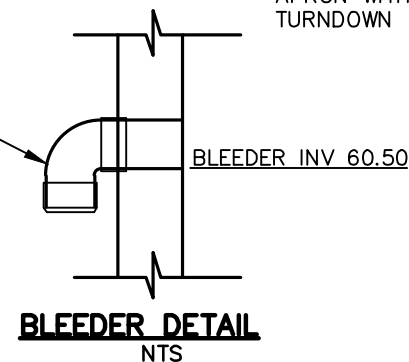
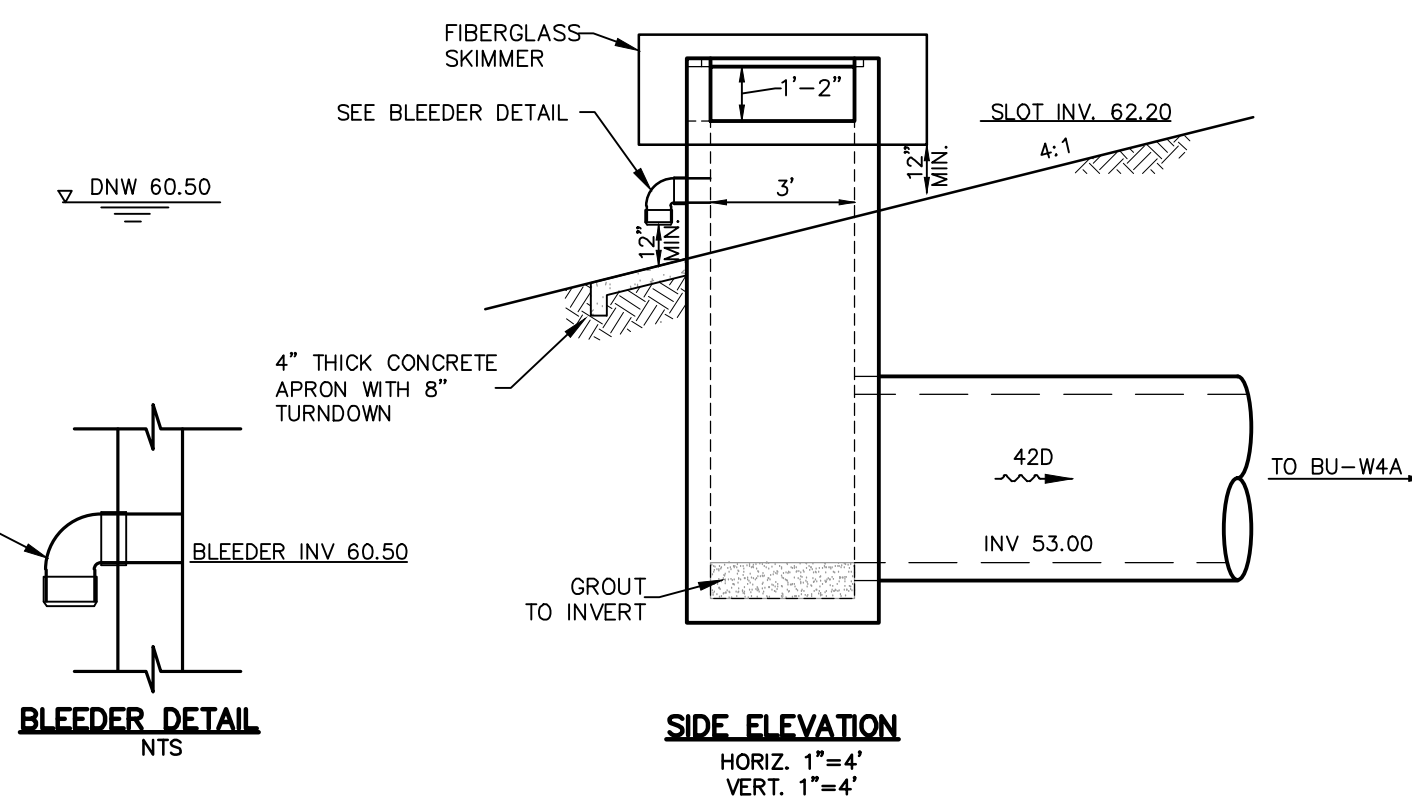
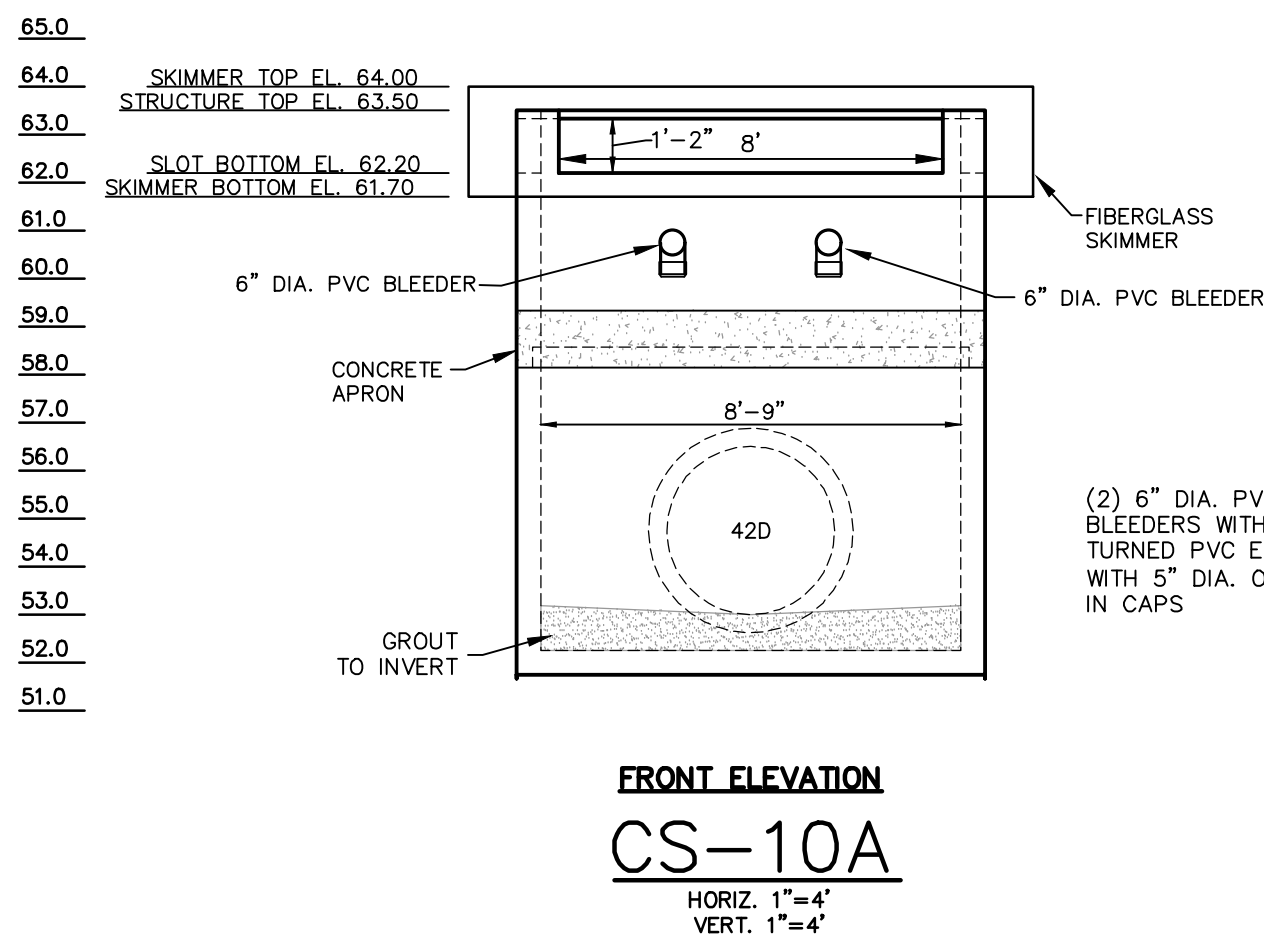
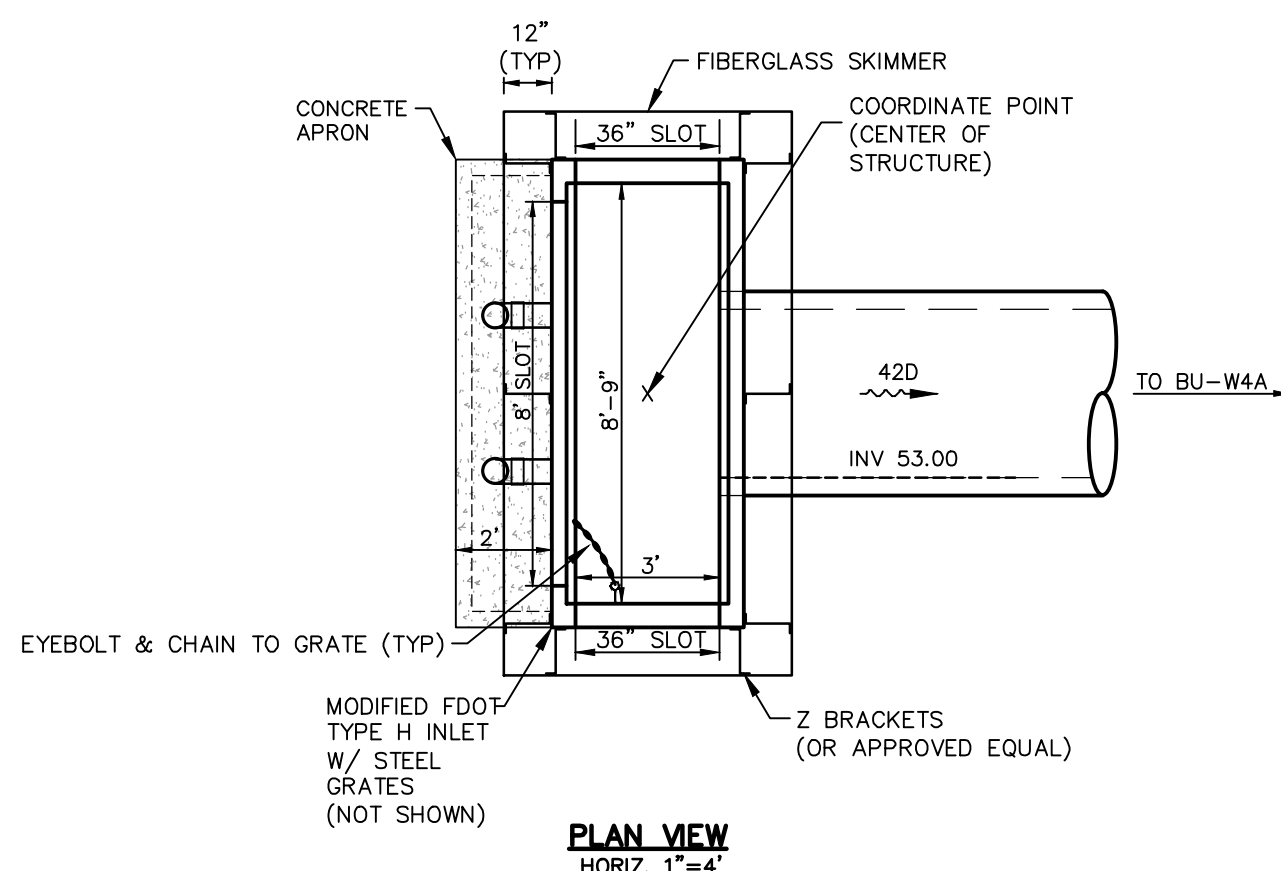
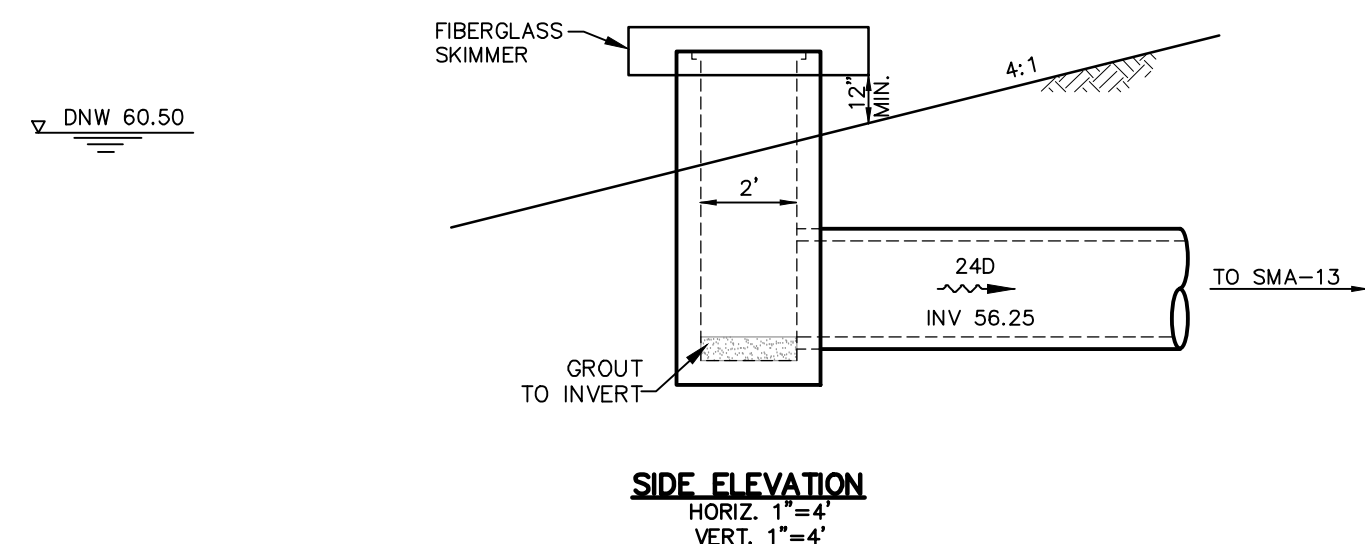
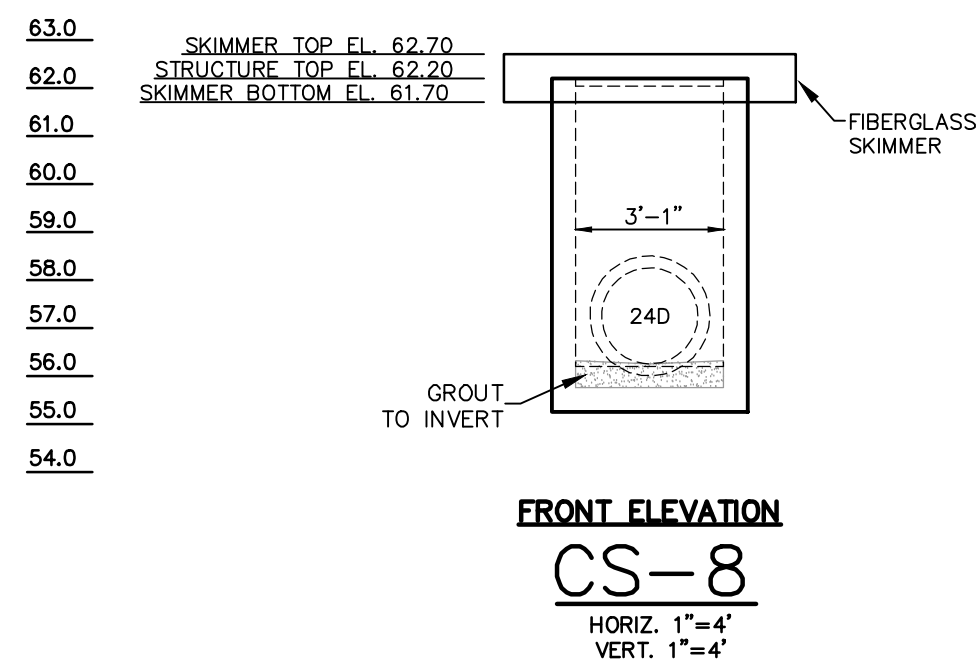
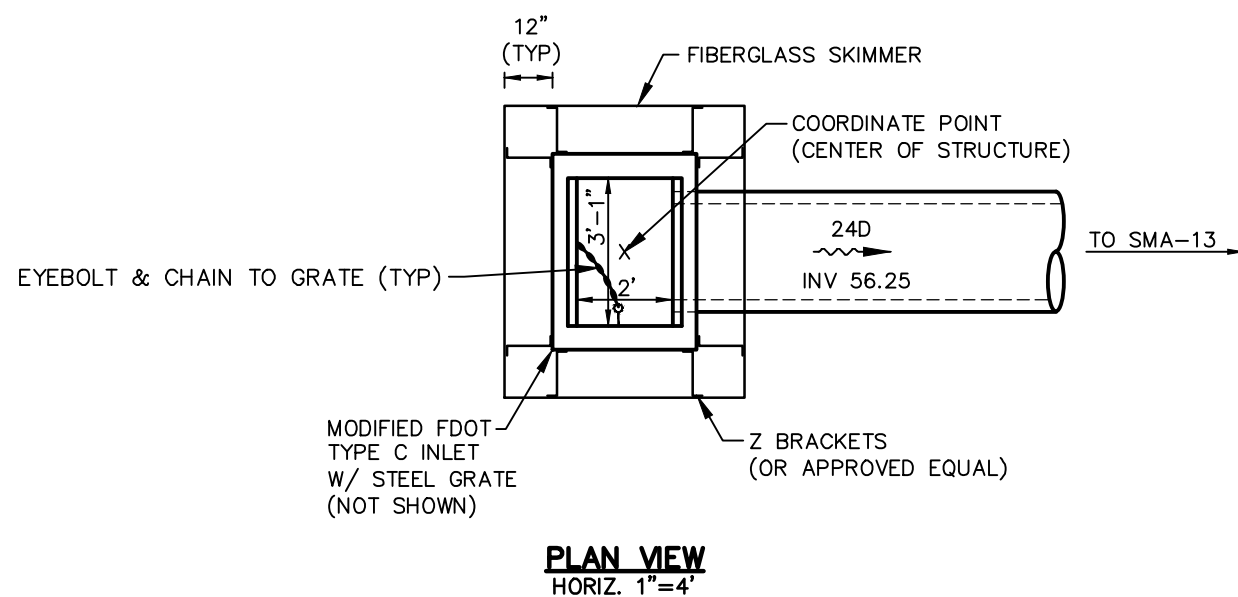
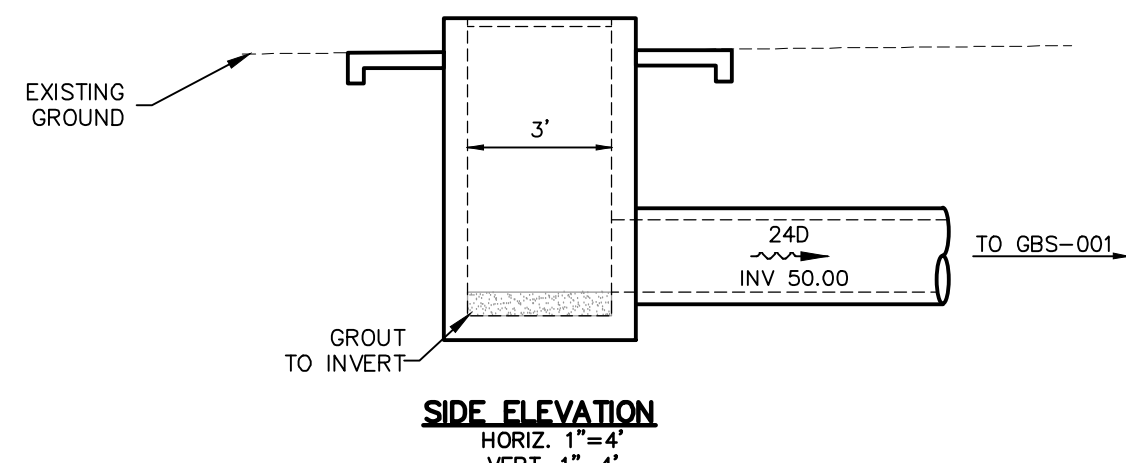
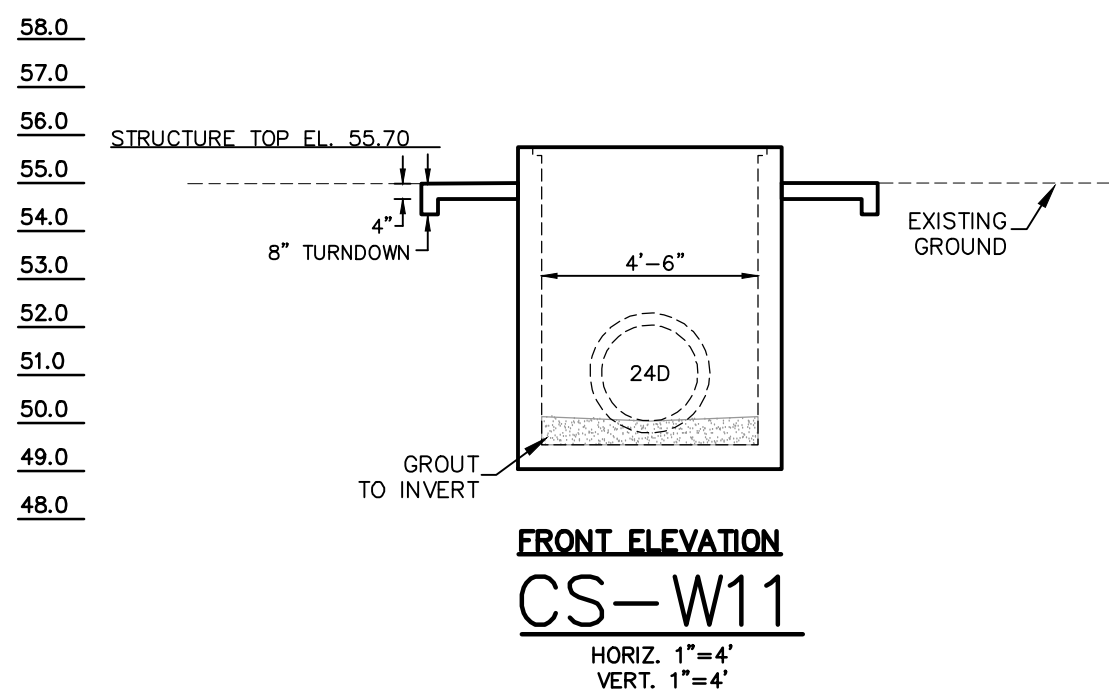
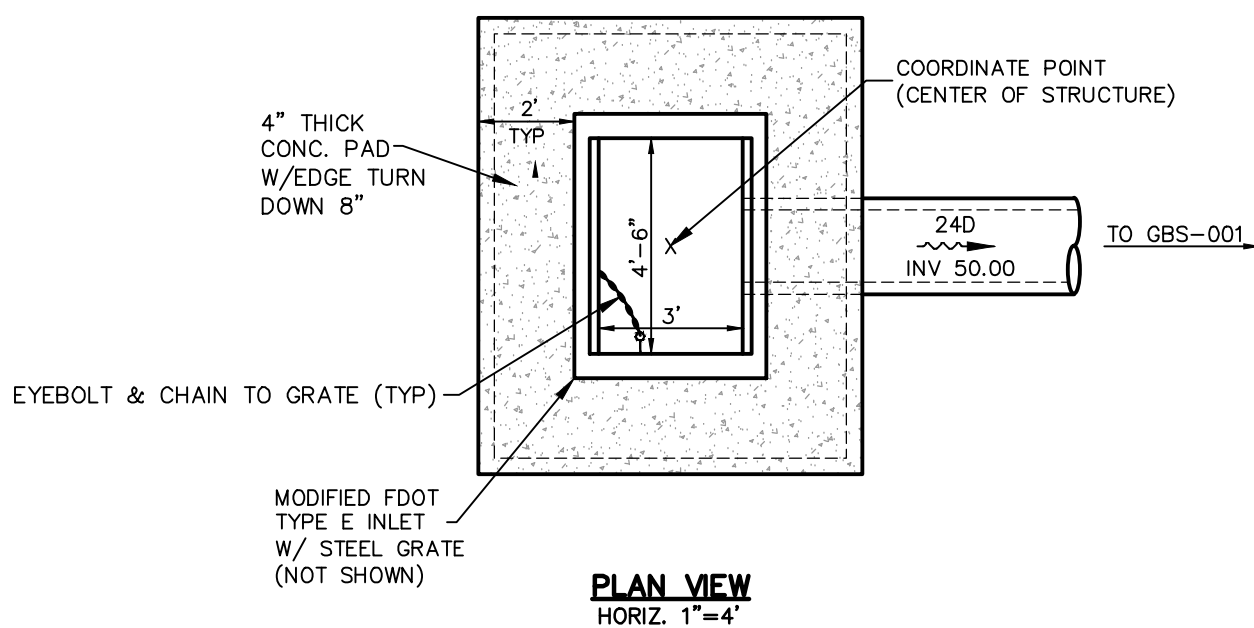
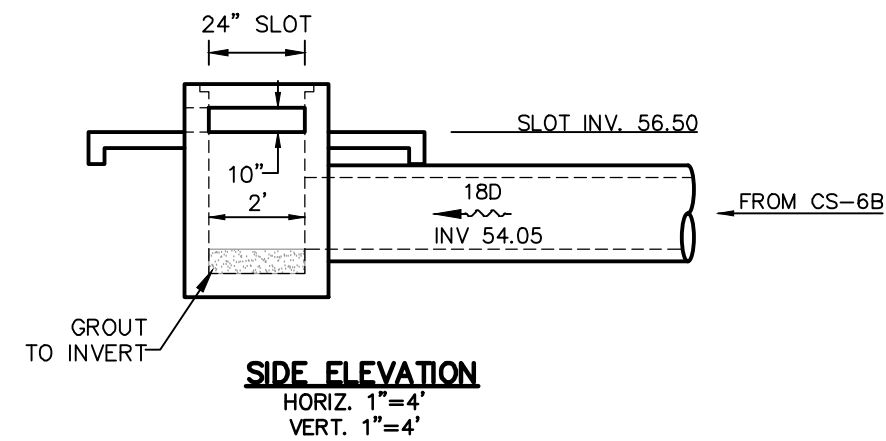
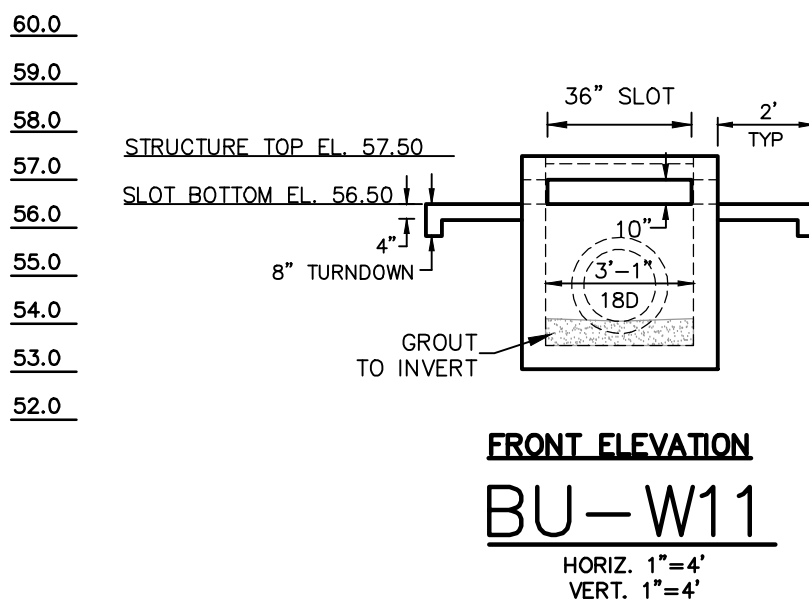
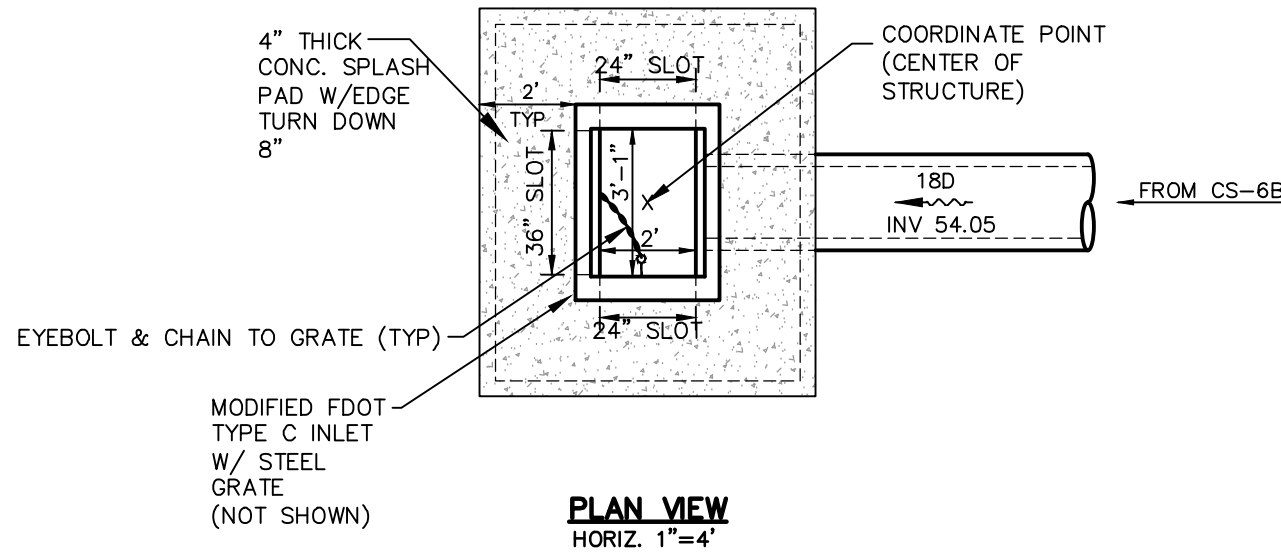
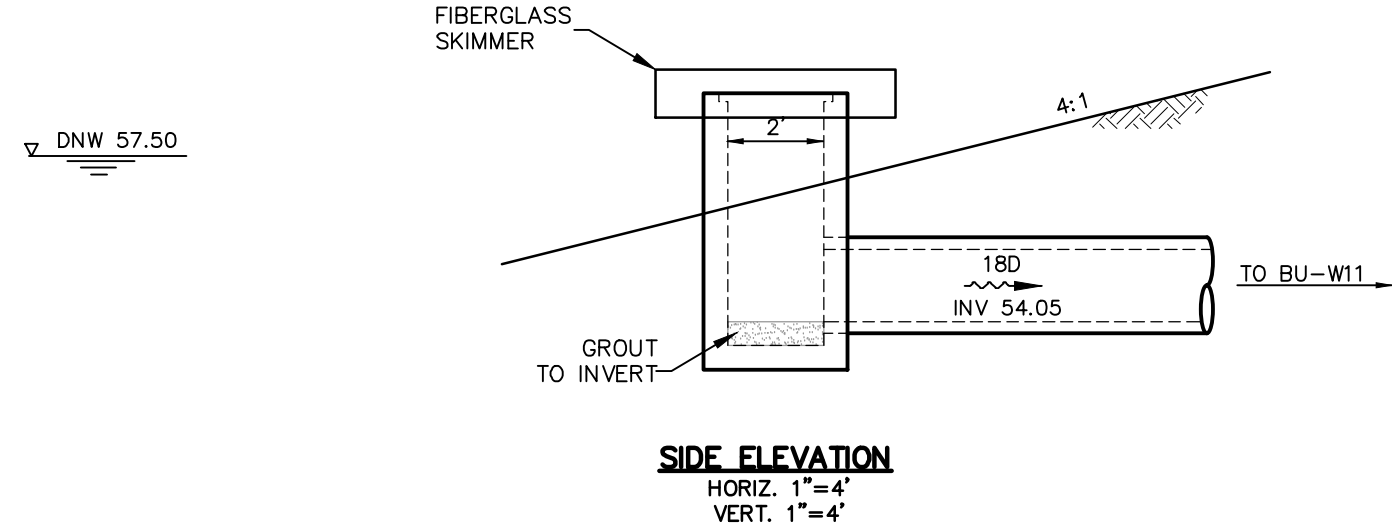
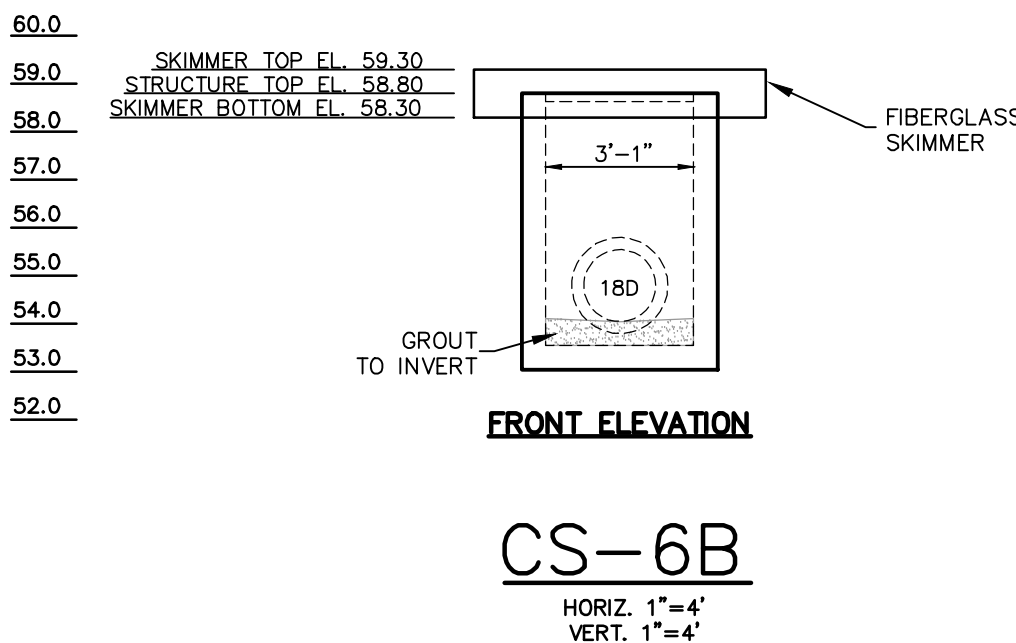
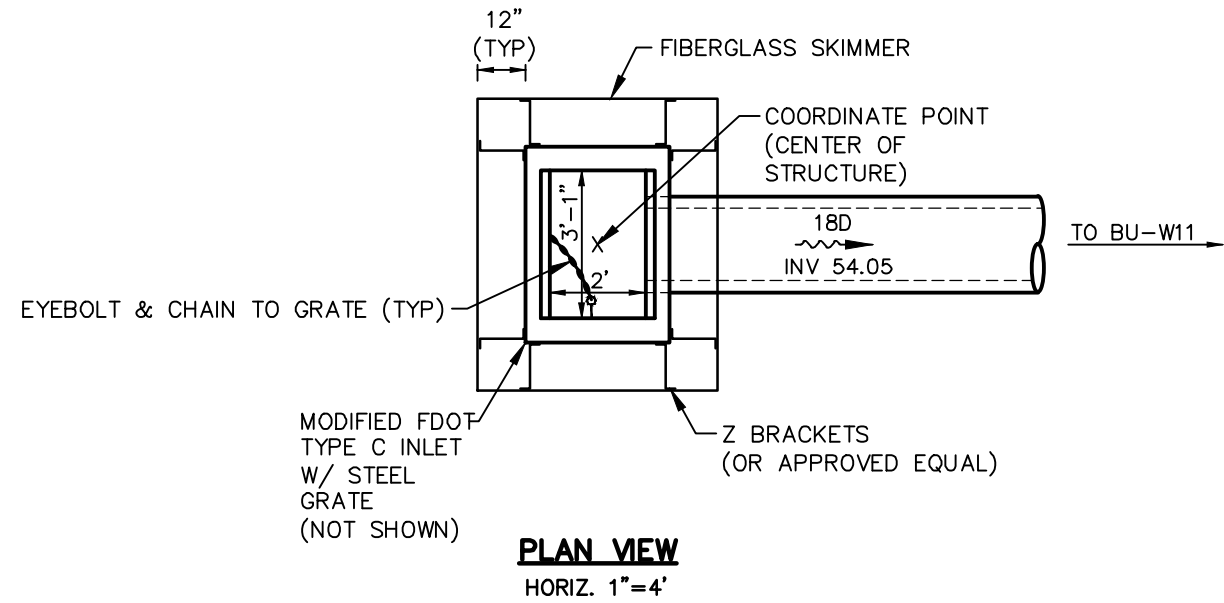
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- SEE NOTES, SPECIFICATIONS & LEGEND SHEET FOR ADDITIONAL INFORMATION.
 - THE SCALE OF THIS DRAWING MAY HAVE CHANGED DUE TO REPRODUCTION.

DRAWING 13189-CTLSTR	SHEET C332	26 OF 33	FONTANA CONCEPTUAL MASS GRADING PLANS OSCEOLA COUNTY, FLORIDA CONTROL STRUCTURE DETAILS		DONALD W. MCINTOSH ASSOCIATES, INC. ENGINEERS 2800 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4088 CERTIFICATE OF AUTHORIZATION NO. 68	DESIGNED BY DSW	CHECKED BY JCN	DATE 5/2/18	SCALE AS SHOWN	JOB NUMBER 13189	JAMES C. NUGENT FLORIDA P.E. No. 57553 DATE: _____	REVISIONS				
												NO.	DATE			
													2	2/22/21	ADDED BU-W16	JCN
													1	11/5/18	DELETED BU-W10 & CS-W10 & REVISED CS-5	JCN
																CHK.

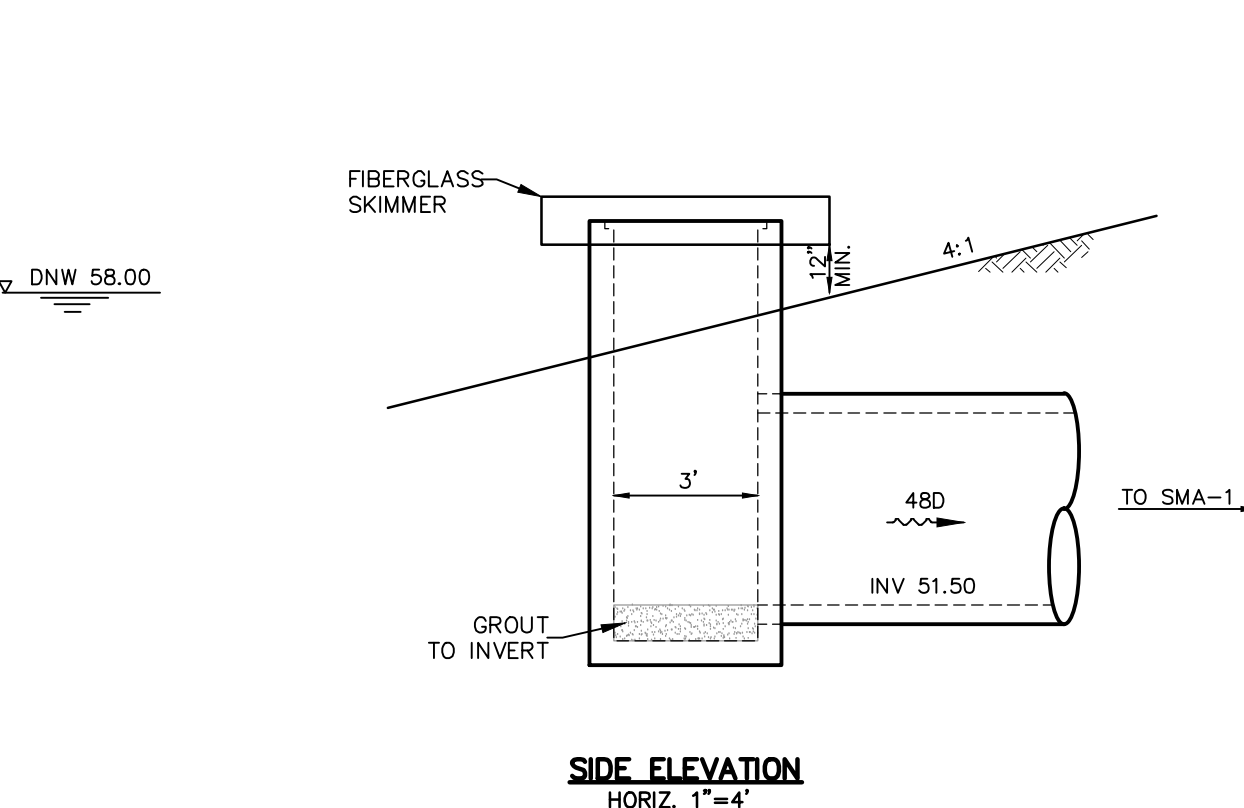
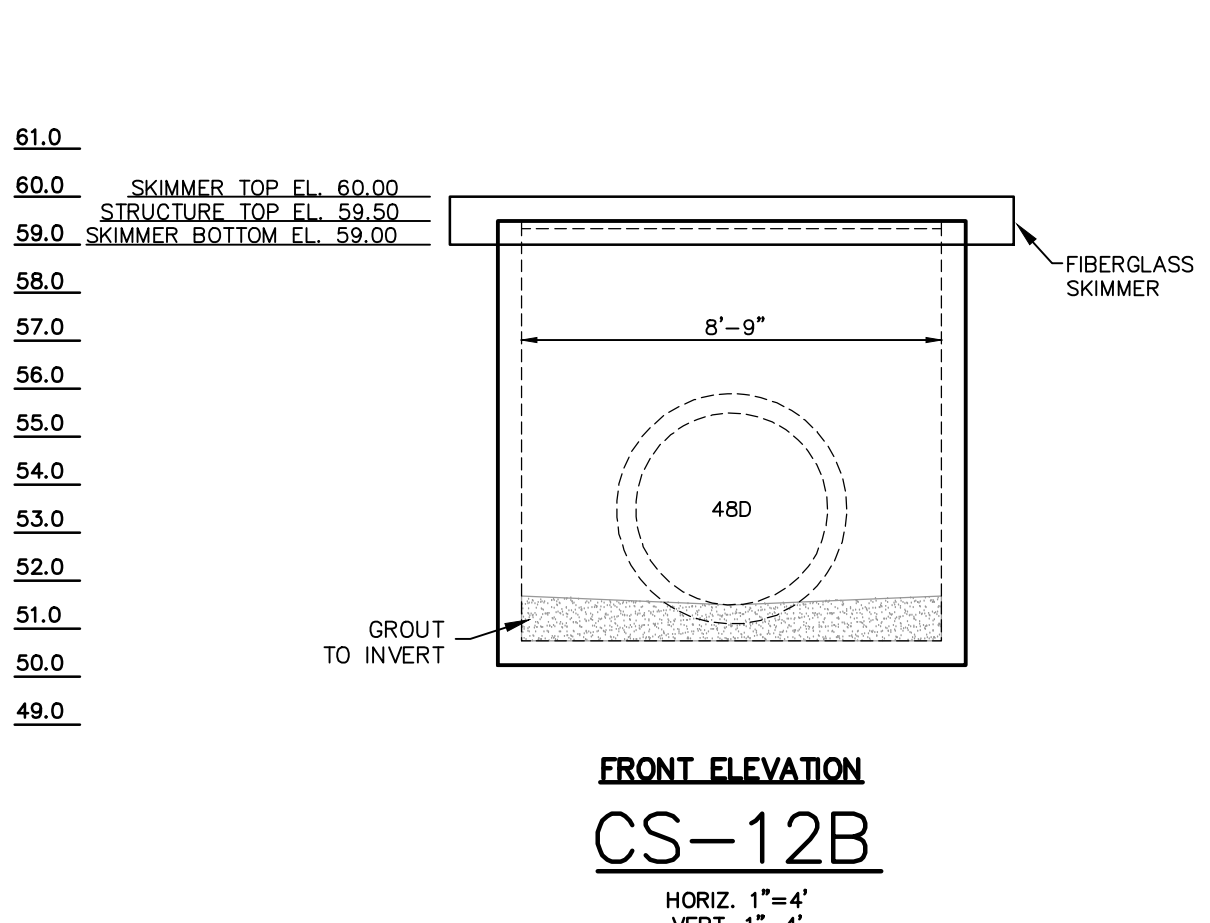
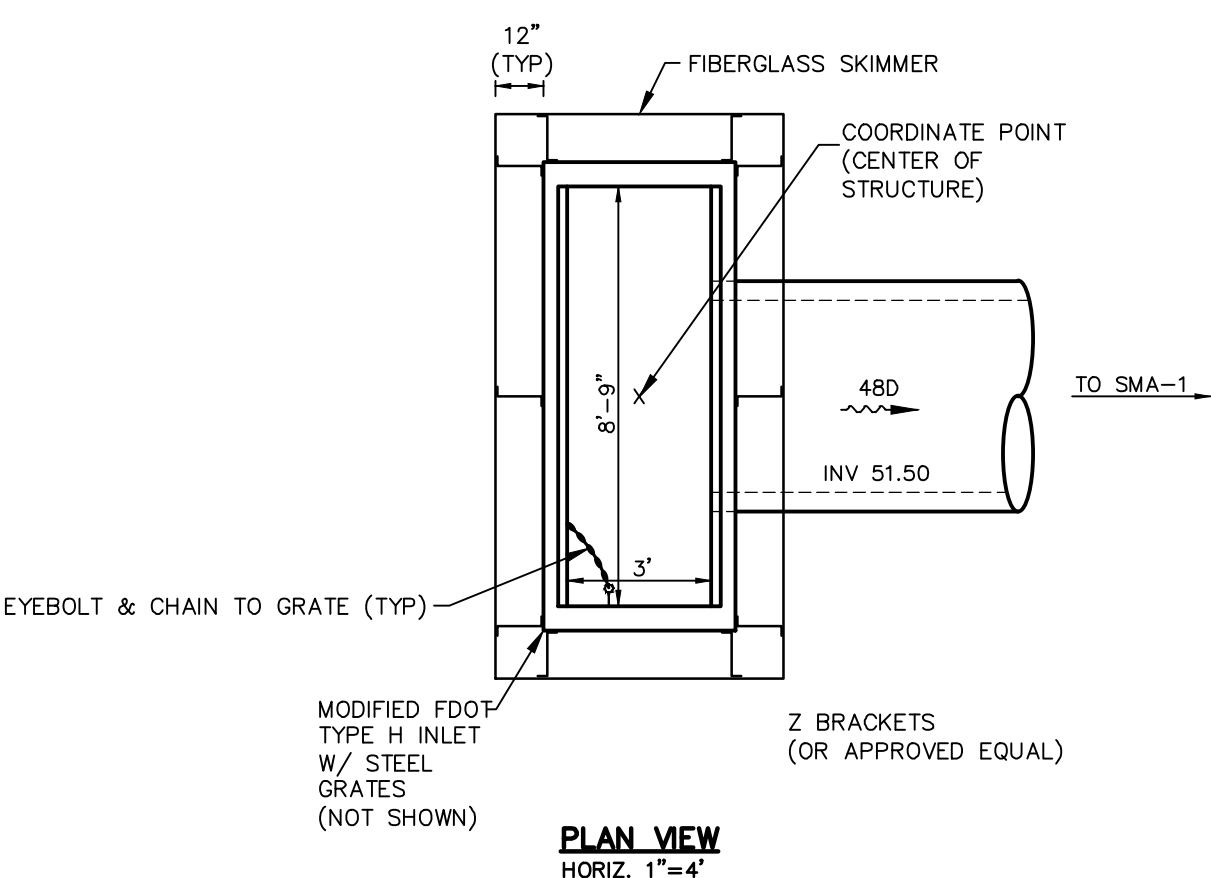
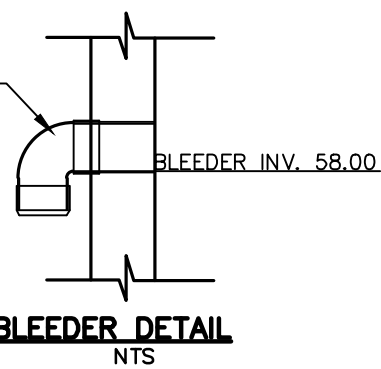
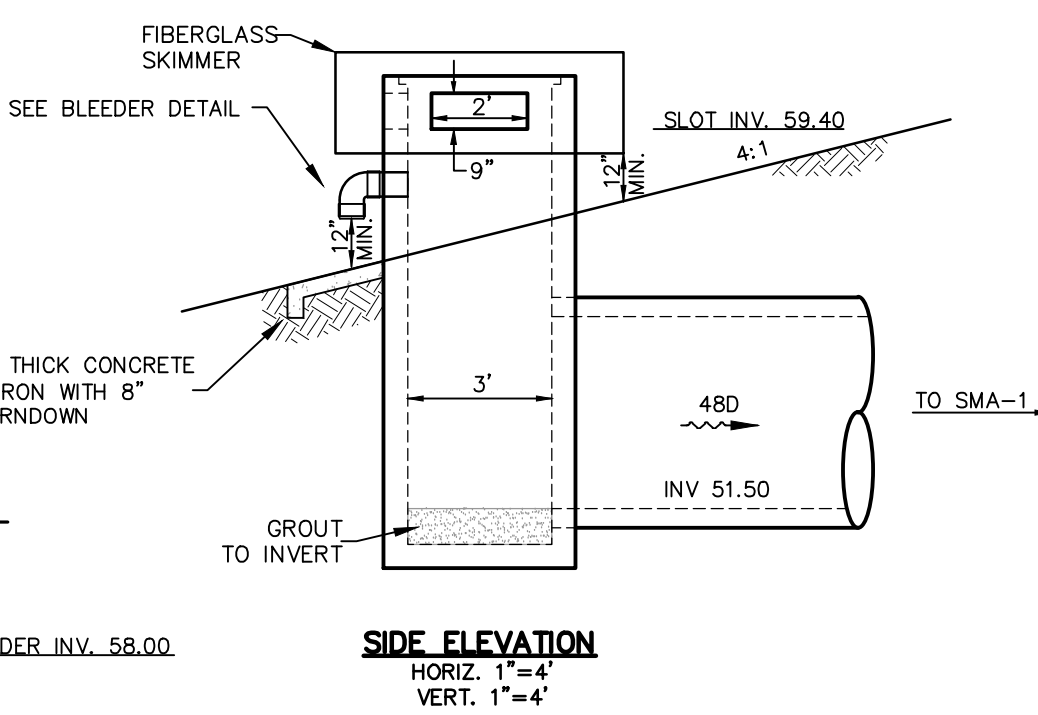
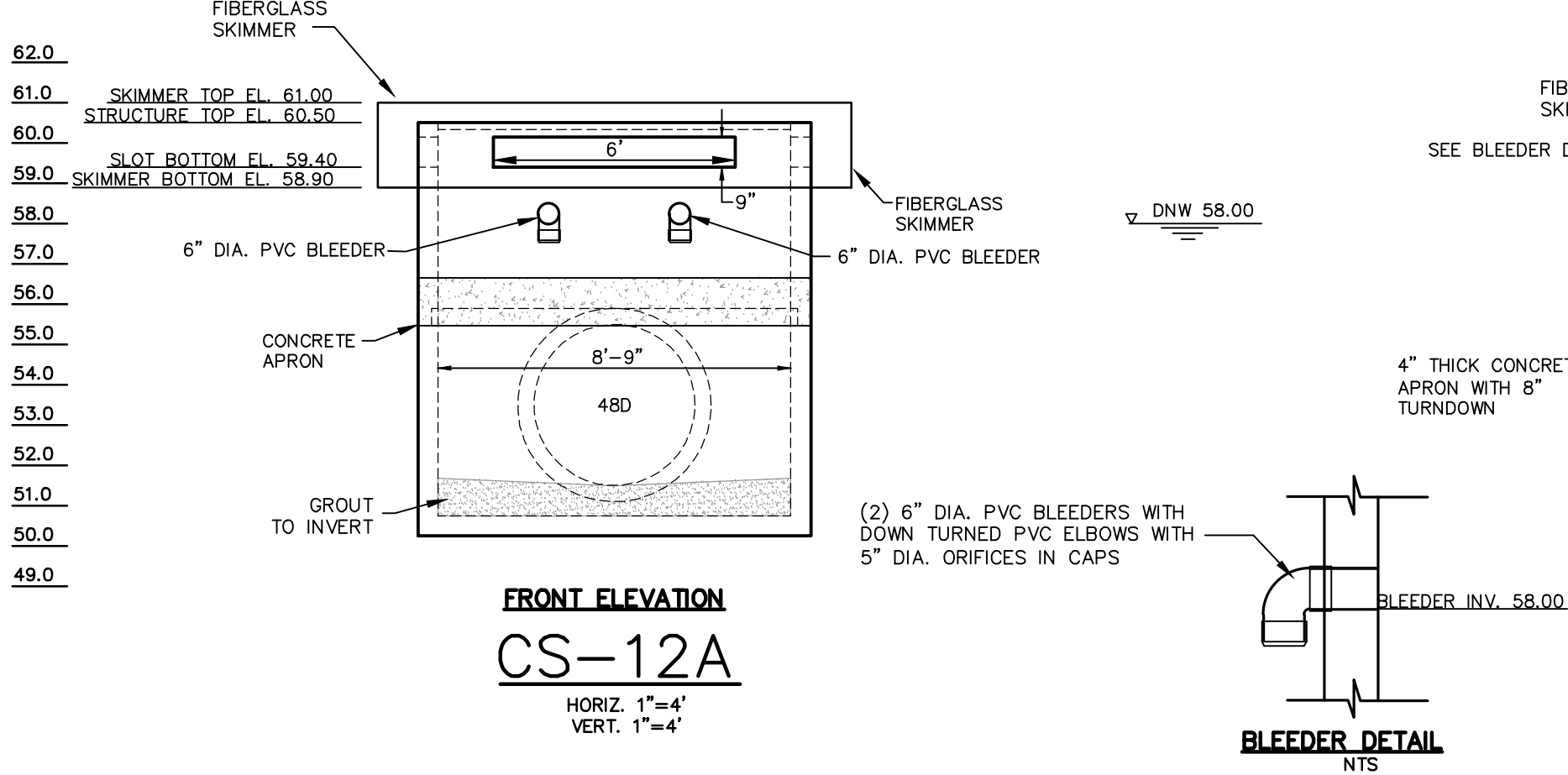
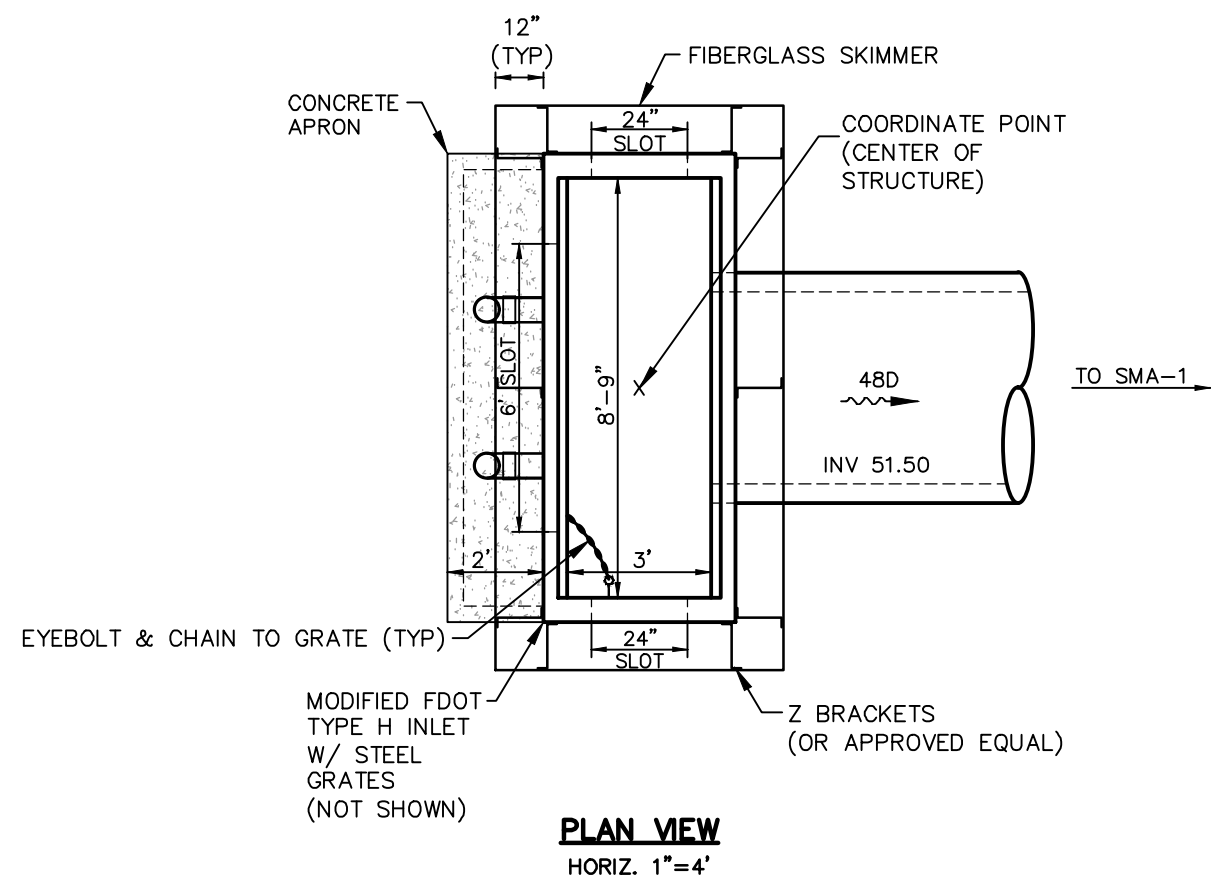
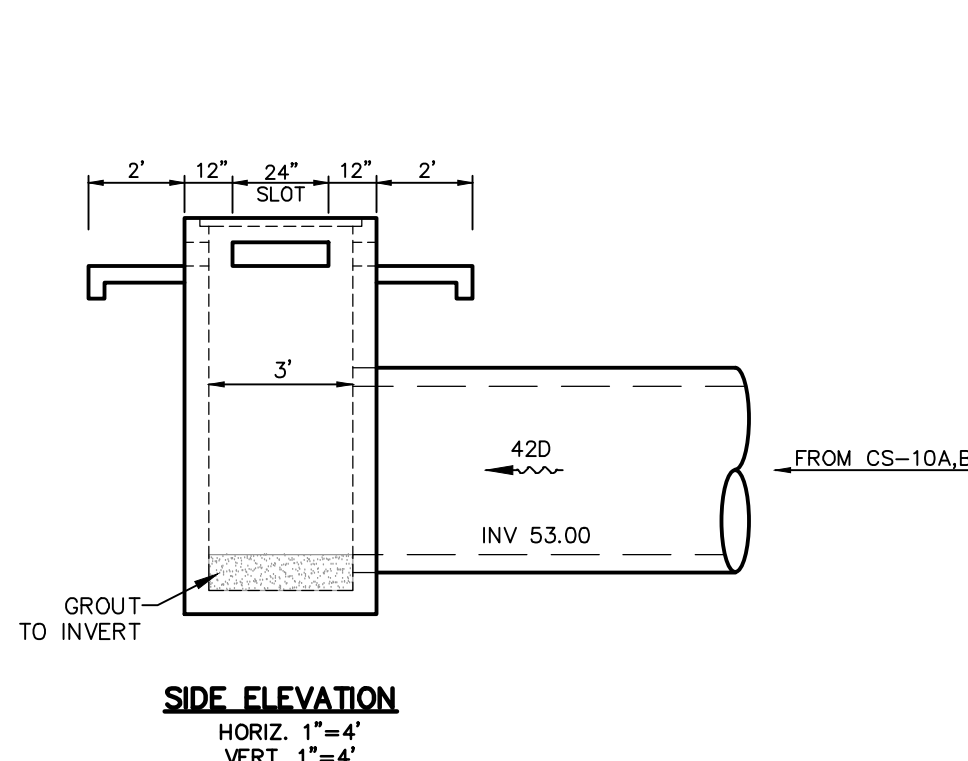
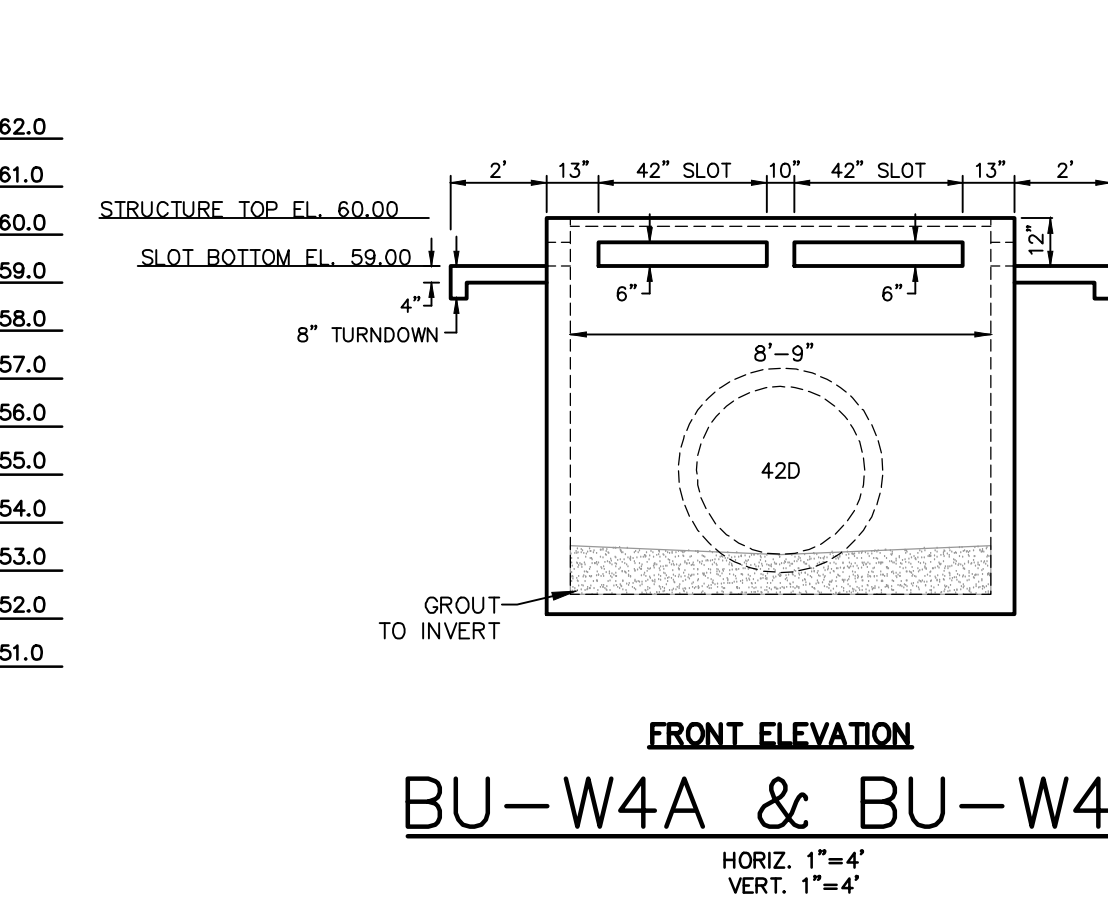
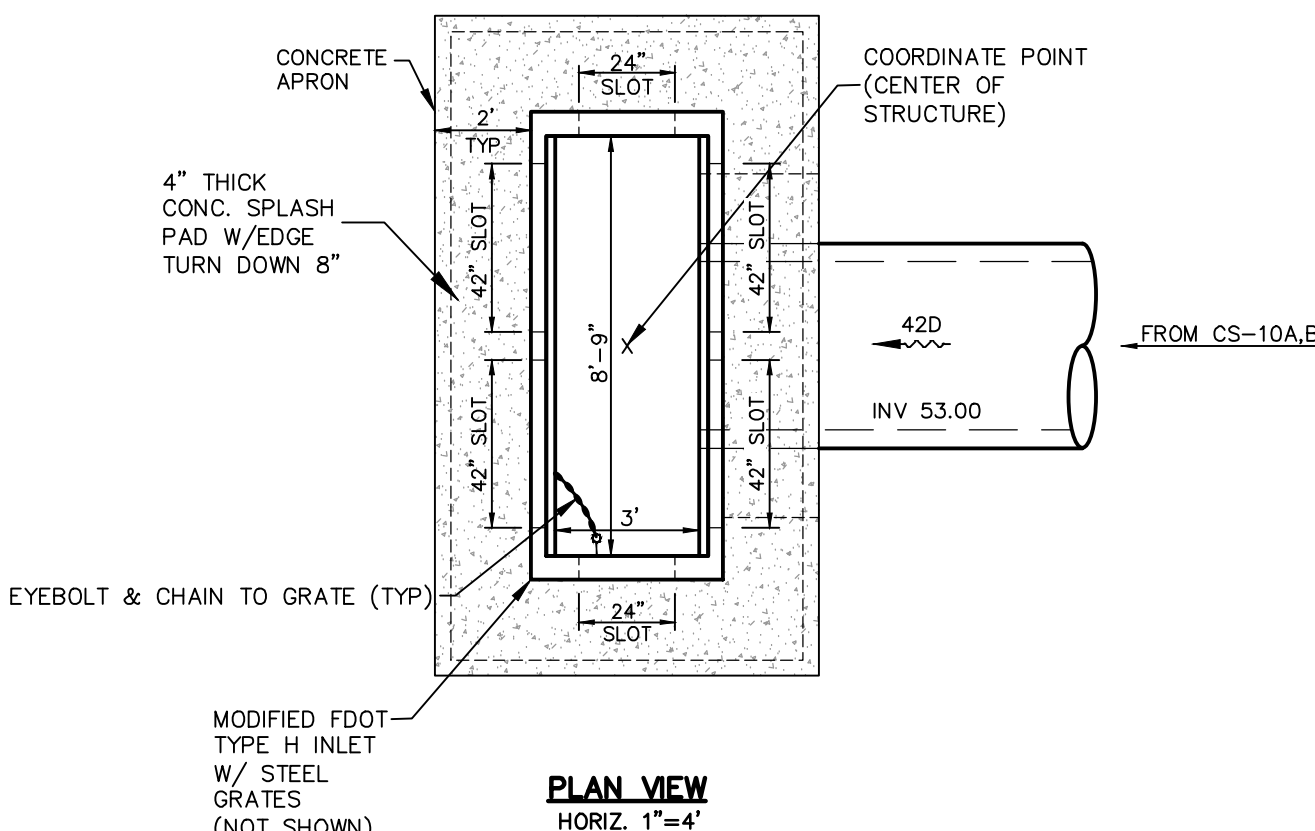
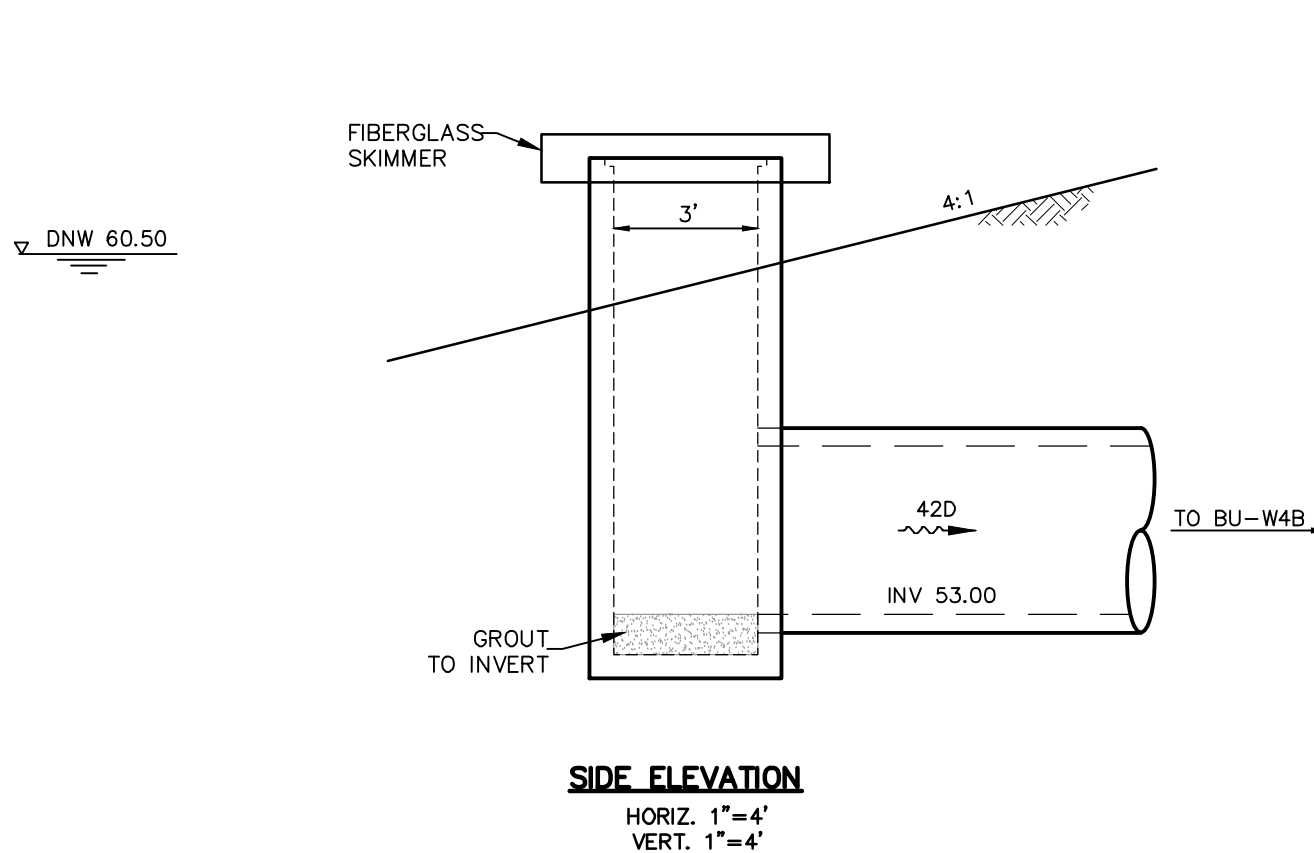
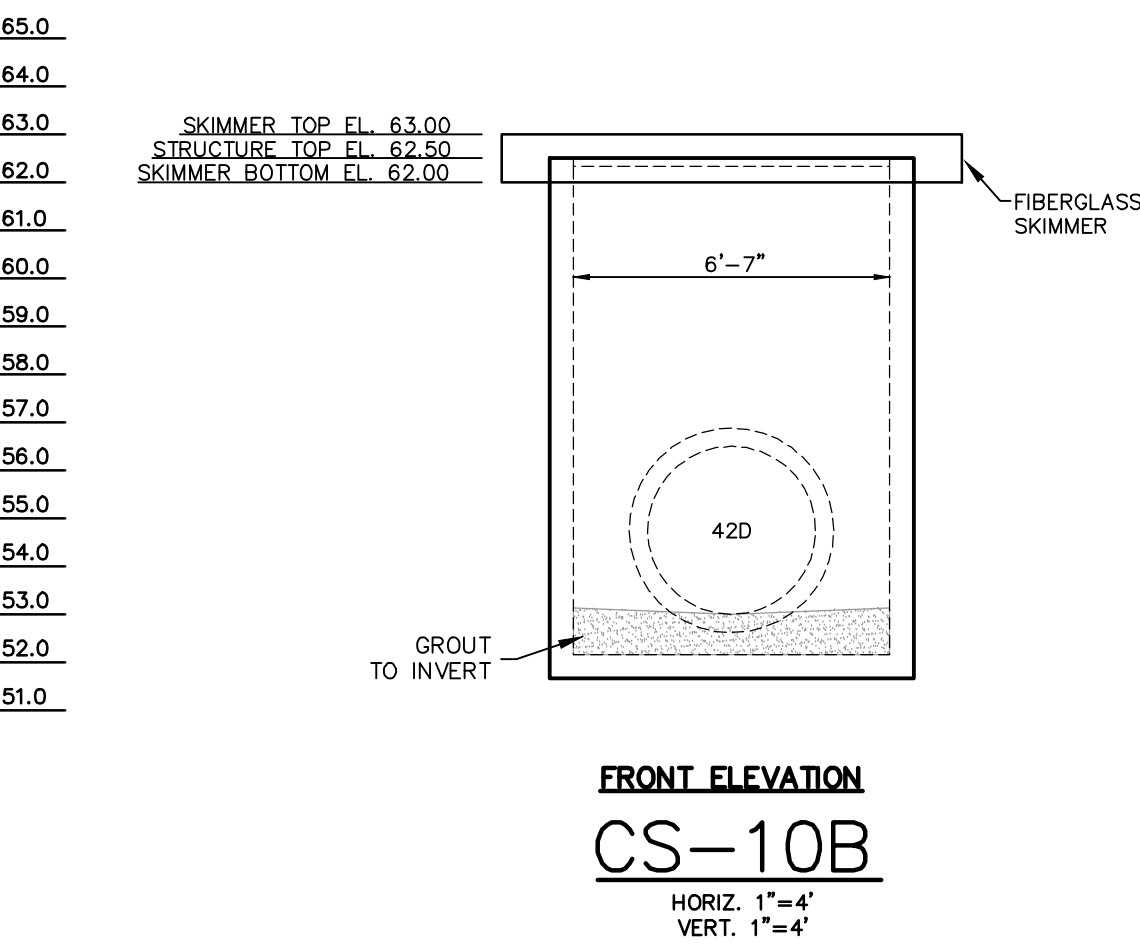
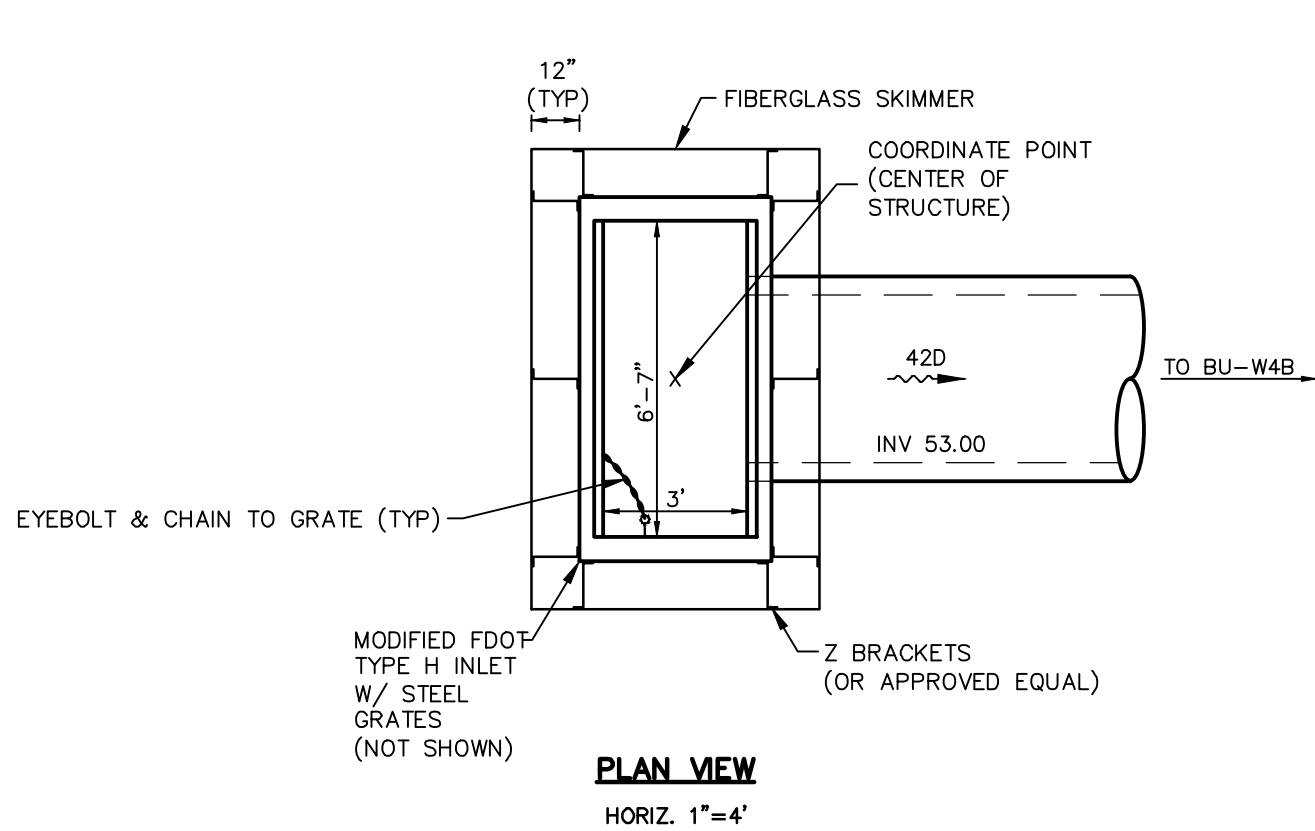
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- GENERAL NOTES:
1. SEE NOTES, SPECIFICATIONS & LEGEND SHEET FOR ADDITIONAL INFORMATION.
 2. THE SCALE OF THIS DRAWING MAY HAVE CHANGED DUE TO REPRODUCTION.

DRAWING 13189-CTLSTR		SHEET C333		27 OF 33	
FONTANA CONCEPTUAL MASS GRADING PLANS OSCEOLA COUNTY, FLORIDA CONTROL STRUCTURE DETAILS					
DONALD W. MCINTOSH ASSOCIATES, INC. ENGINEERS 2800 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4088 CERTIFICATE OF AUTHORIZATION NO. 68		PLANNERS SURVEYORS JAMES C. NUGENT FLORIDA P.E. No. 57553		NO. _____ DATE _____ REVISIONS CHK. _____	

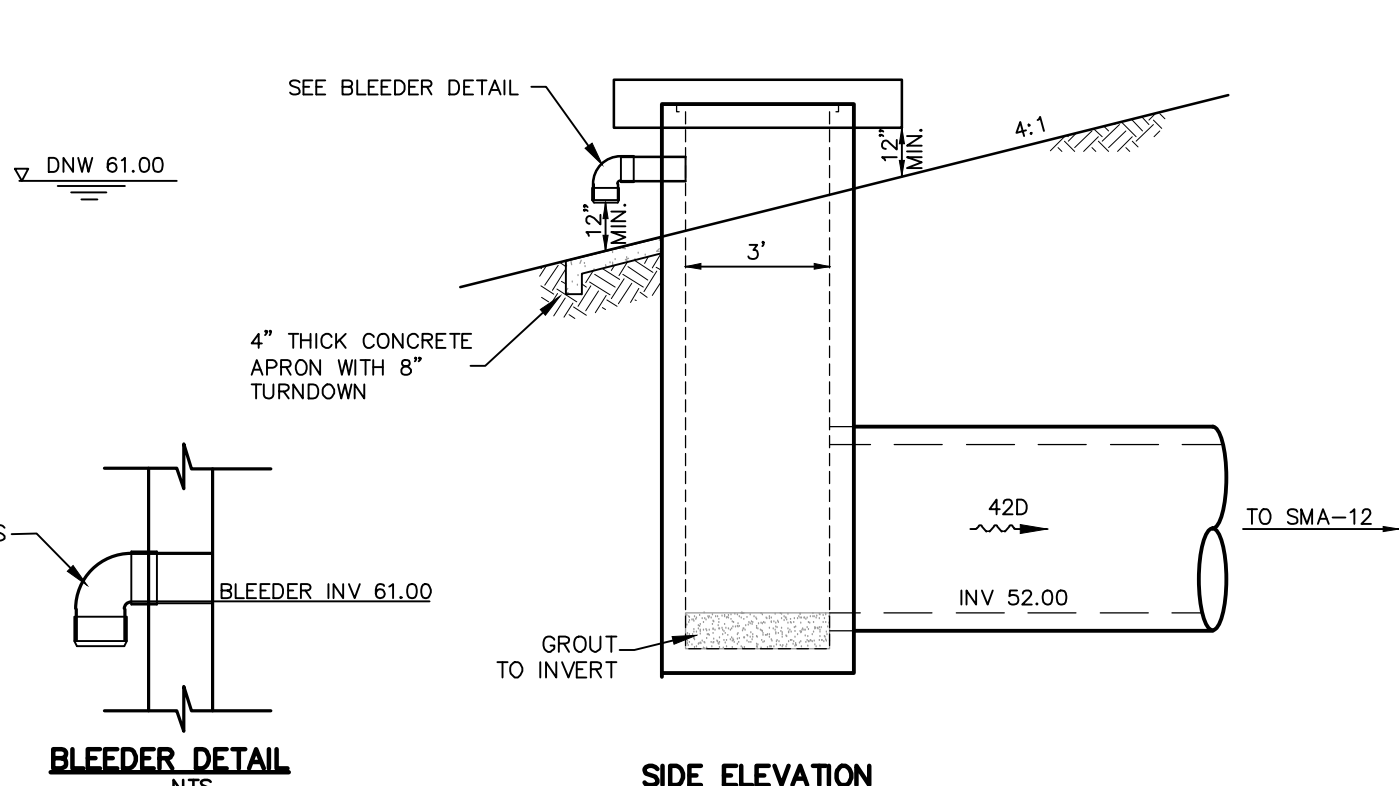
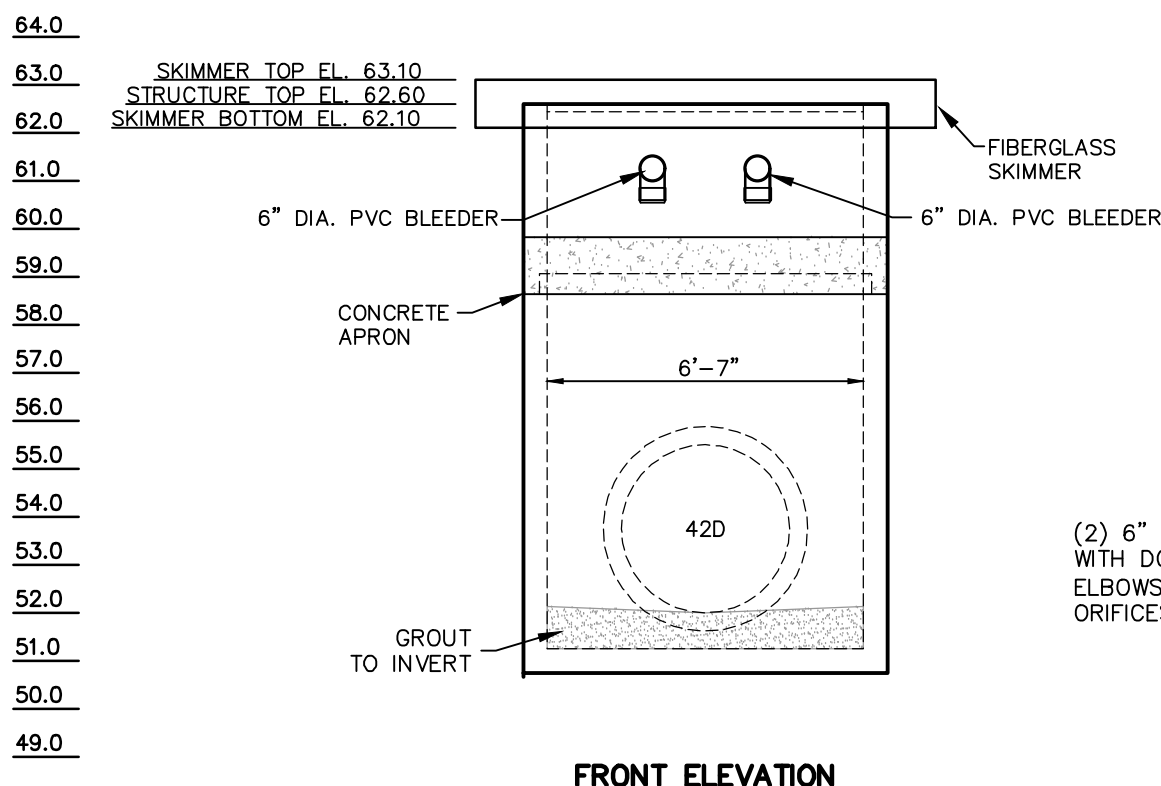
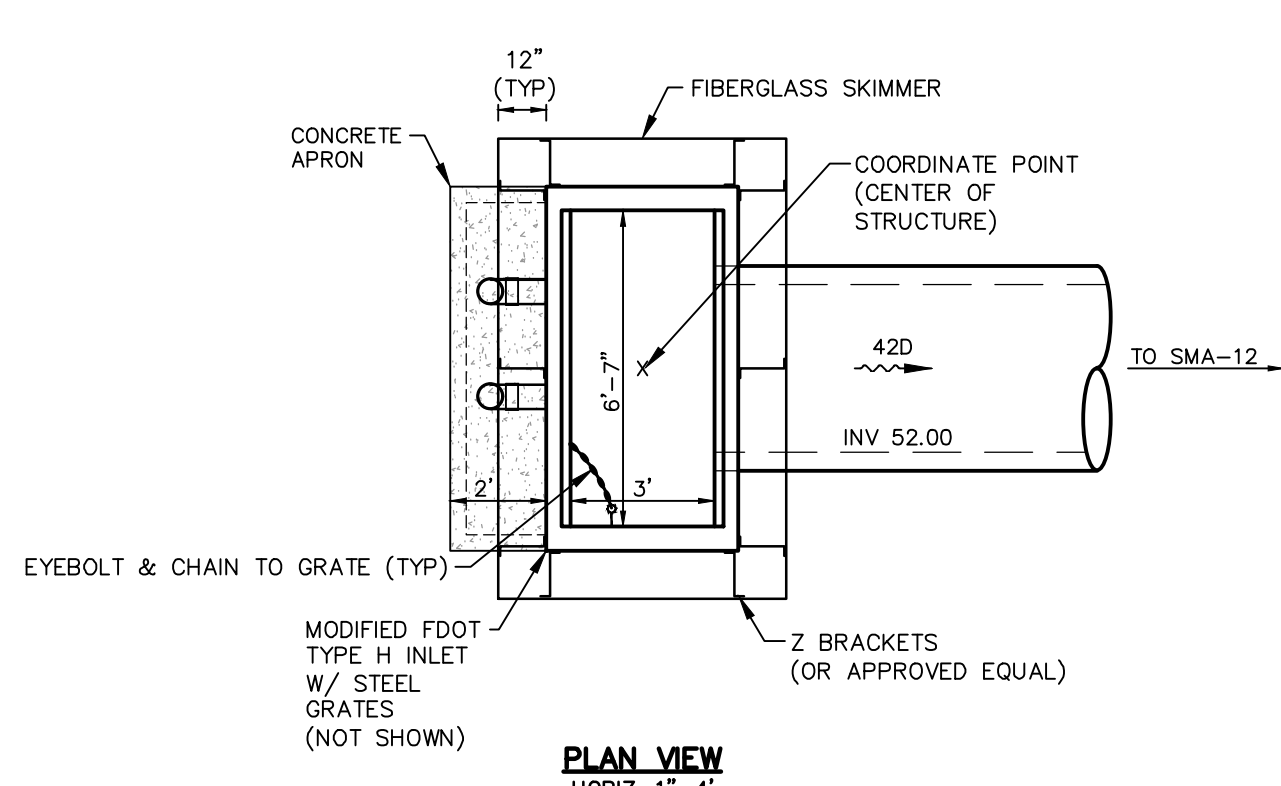
DONALD W. MCINTOSH ASSOCIATES, INC. RESERVES THE EXCLUSIVE COPYRIGHT AND PROPERTY RIGHTS TO THIS DRAWING WHICH MAY NOT BE REPRODUCED, CHANGED, OR COPIED IN ANY FORM OR MANNER, NOR CAN IT BE ASSIGNED TO ANY PARTY WITHOUT DONALD W. MCINTOSH ASSOCIATES, INC.'S WRITTEN CONSENT.



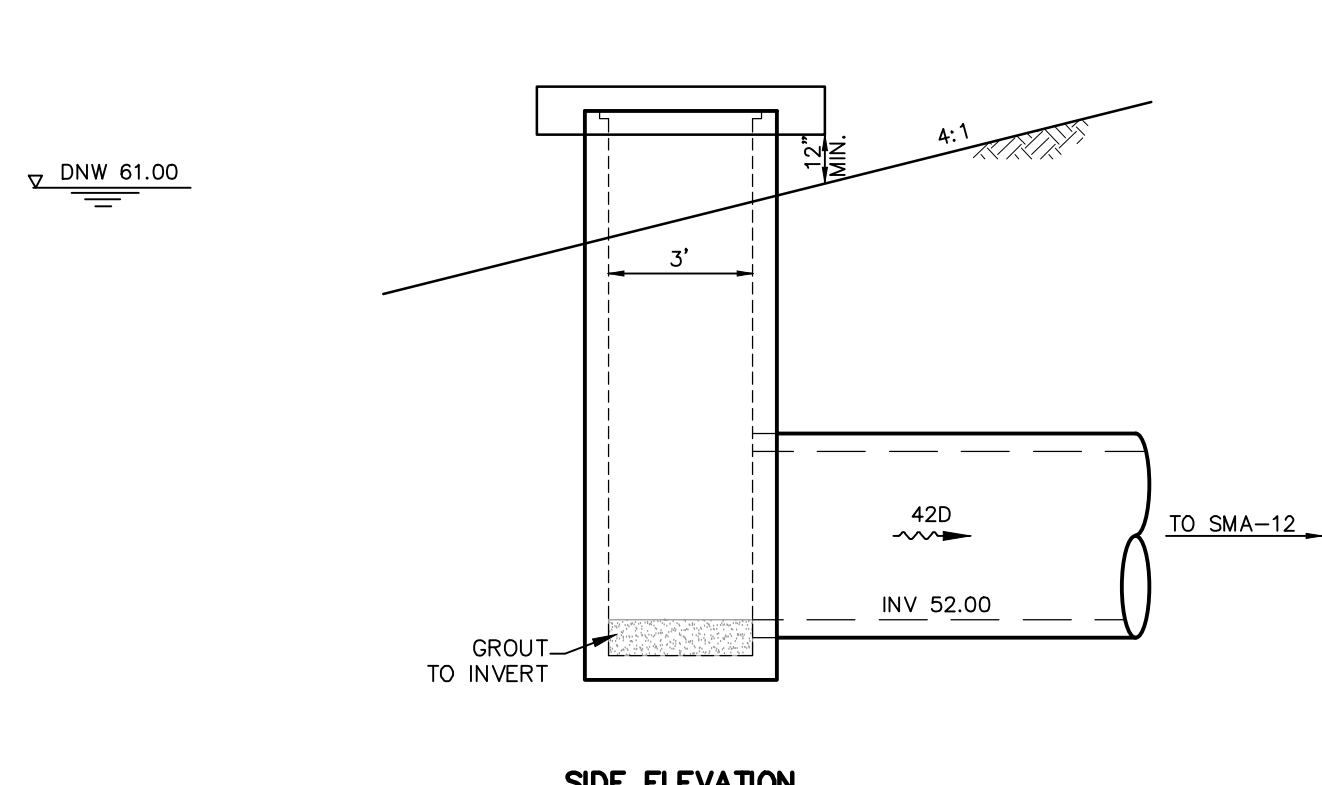
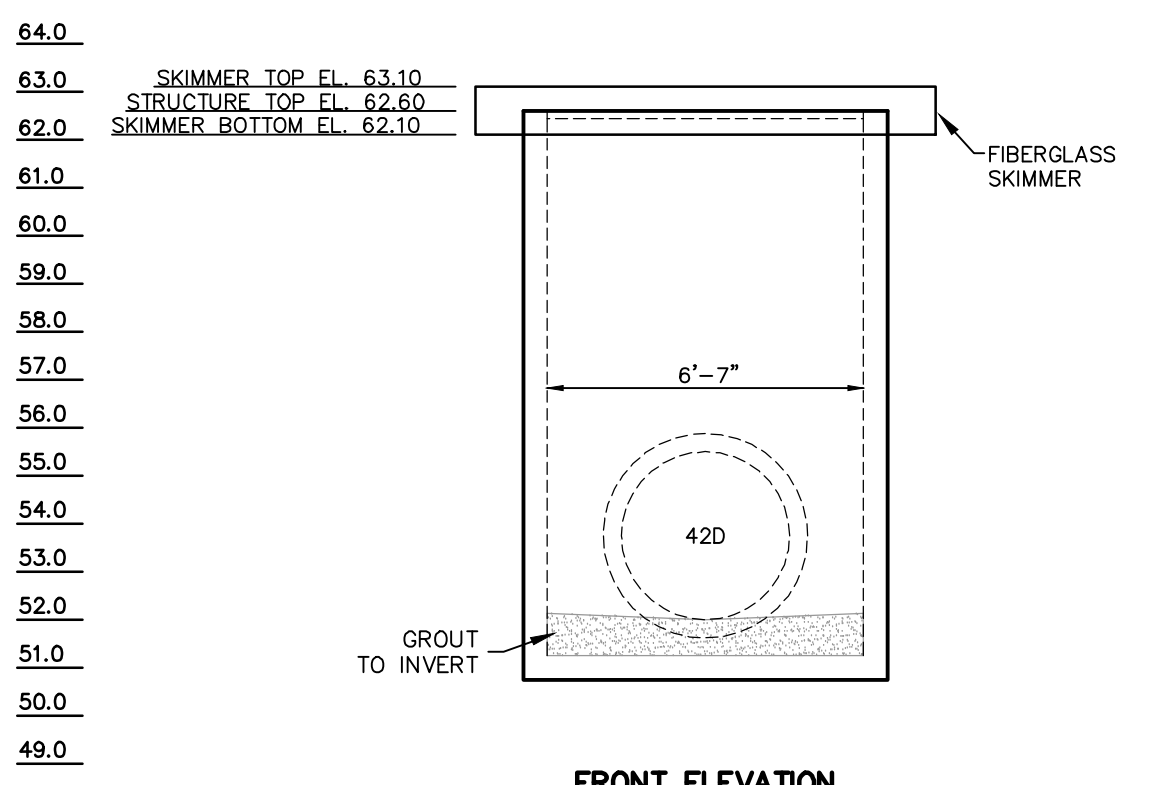
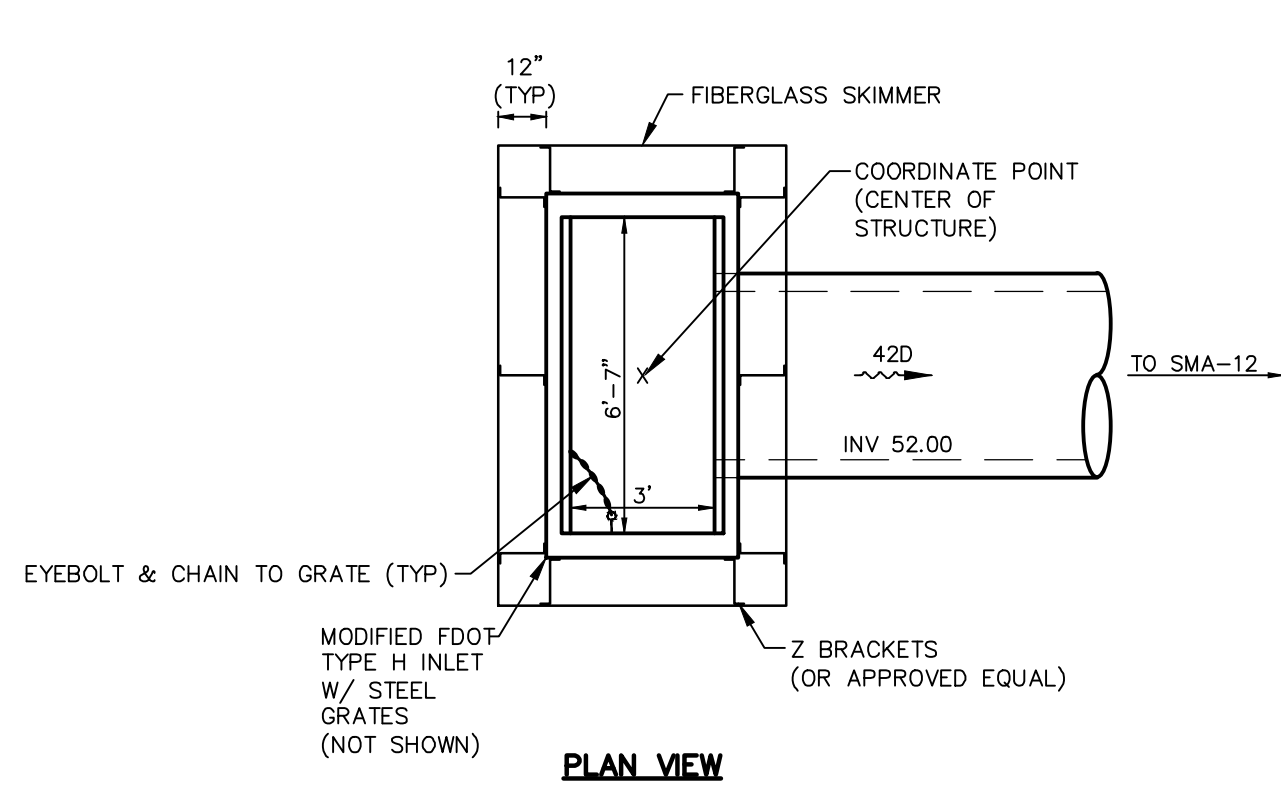
- GENERAL NOTES:
1. SEE NOTES, SPECIFICATIONS & LEGEND SHEET FOR ADDITIONAL INFORMATION.
 2. THE SCALE OF THIS DRAWING MAY HAVE CHANGED DUE TO REPRODUCTION.

DRAWING 13189-CTLSTR		SHEET C334		28 OF 33	
FONTANA CONCEPTUAL MASS GRADING PLANS OSCEOLA COUNTY, FLORIDA CONTROL STRUCTURE DETAILS					
DONALD W. MCINTOSH ASSOCIATES, INC. ENGINEERS 2800 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4088 CERTIFICATE OF AUTHORIZATION NO. 68		PLANNERS SURVEYORS JAMES C. NUGENT FLORIDA P.E. No. 57553		NO. _____ DATE _____ REVISIONS _____ CHK. _____	
DESIGNED BY DSW		CHECKED BY JCN		DATE 5/2/18	
DRAWN BY DSW		SCALE AS SHOWN		JOB NUMBER 13189	

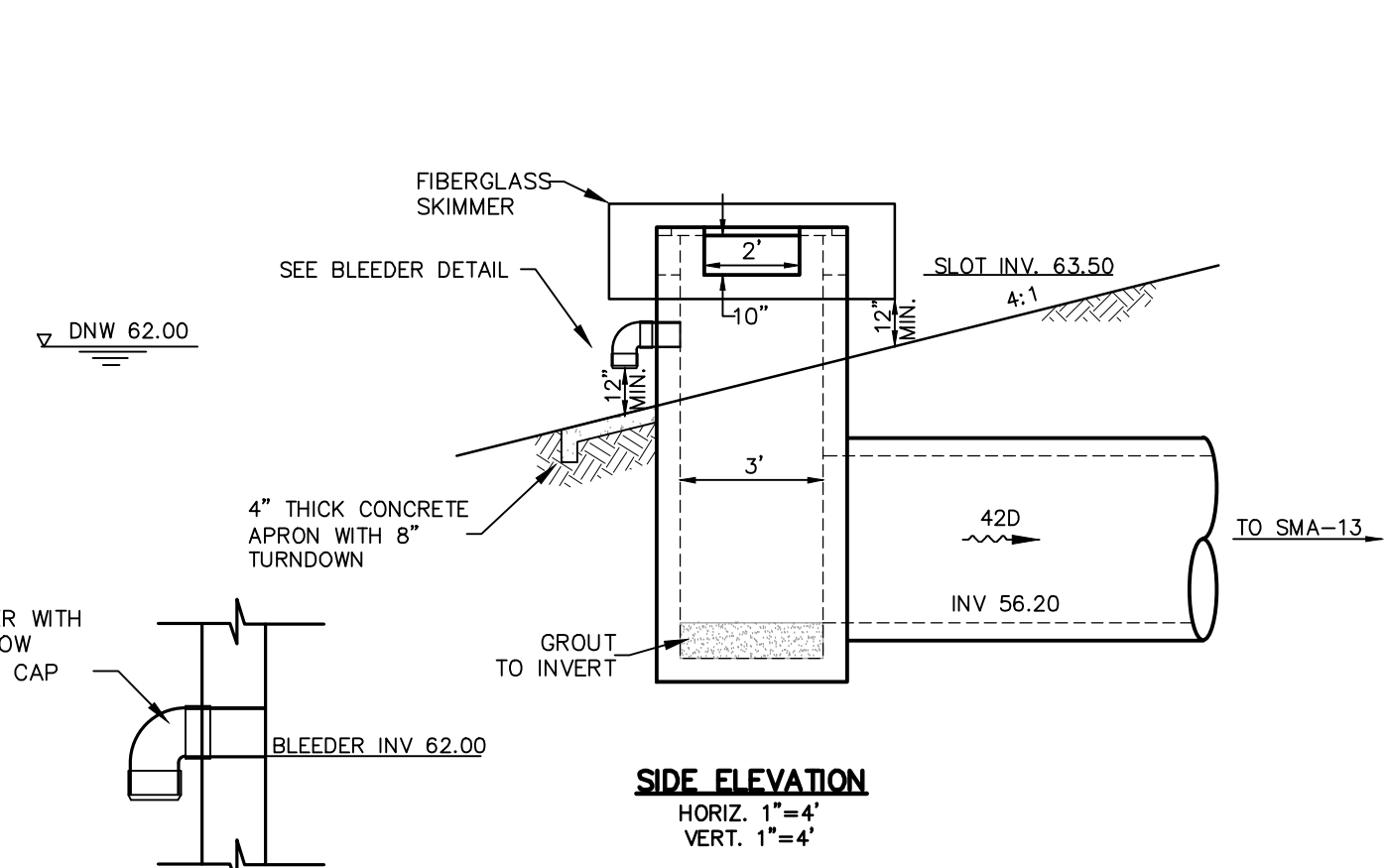
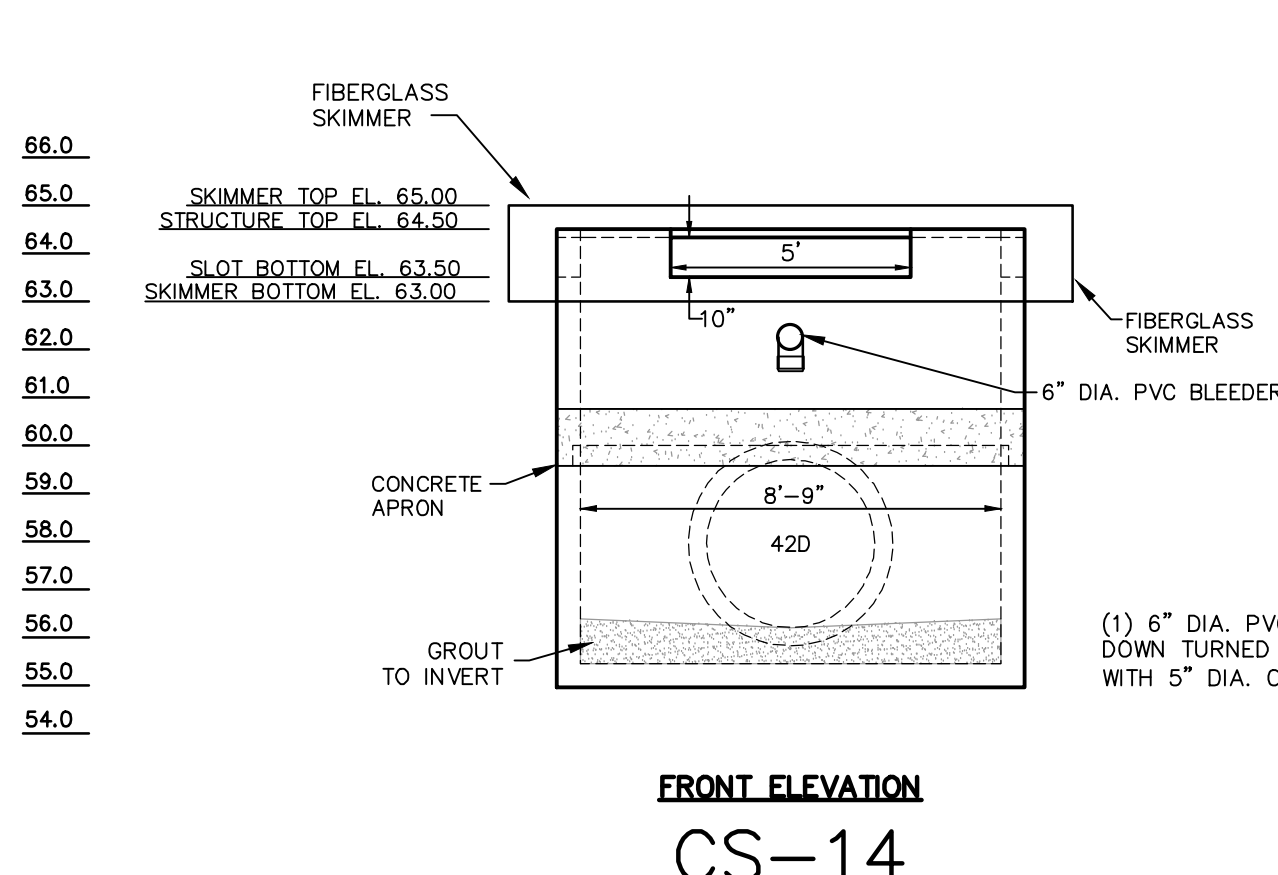
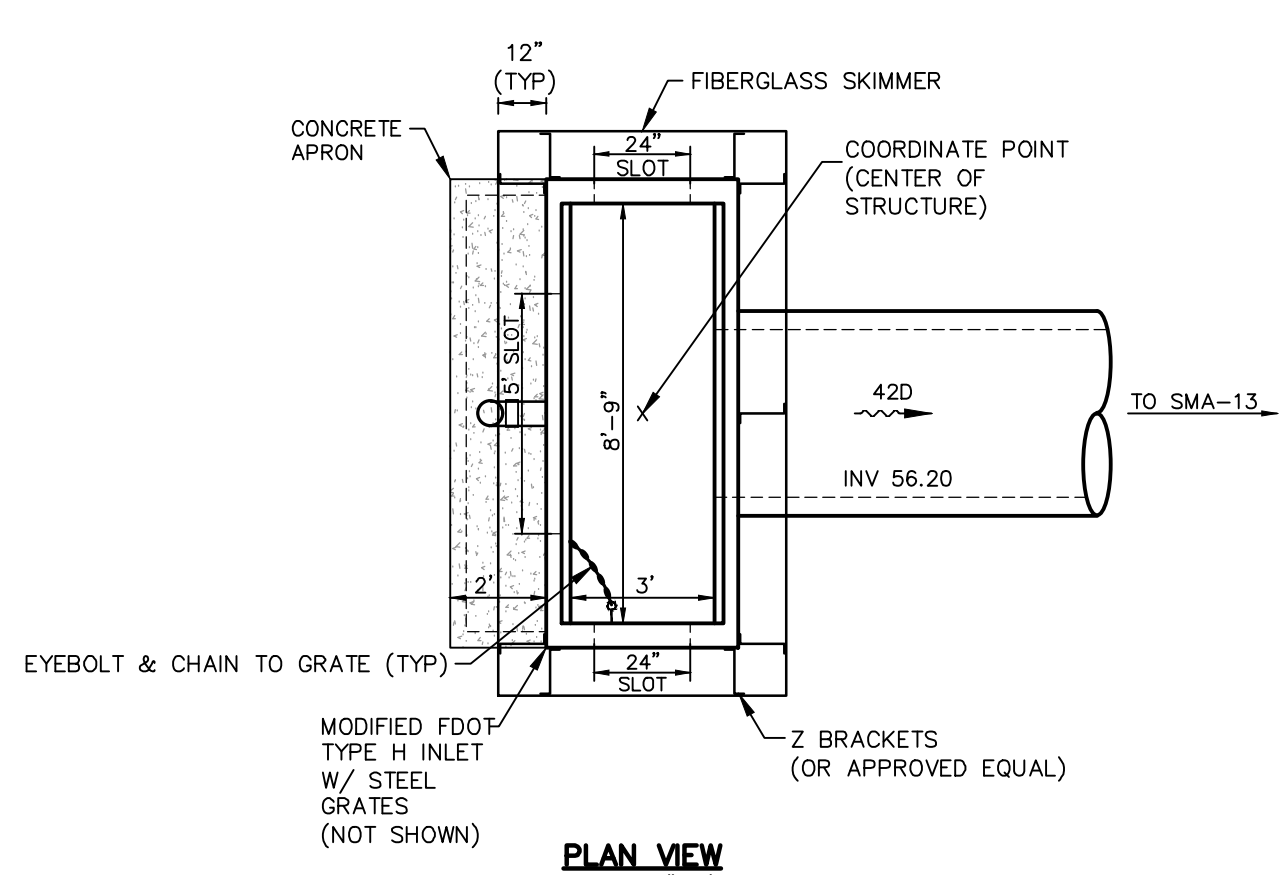
DONALD W. MCINTOSH ASSOCIATES, INC. RESERVES THE EXCLUSIVE COPYRIGHT AND PROPERTY RIGHTS TO THIS DRAWING WHICH MAY NOT BE REPRODUCED, CHANGED, OR COPIED IN ANY FORM OR MANNER, NOR CAN IT BE ASSIGNED TO ANY PARTY WITHOUT DONALD W. MCINTOSH ASSOCIATES, INC.'S WRITTEN CONSENT.



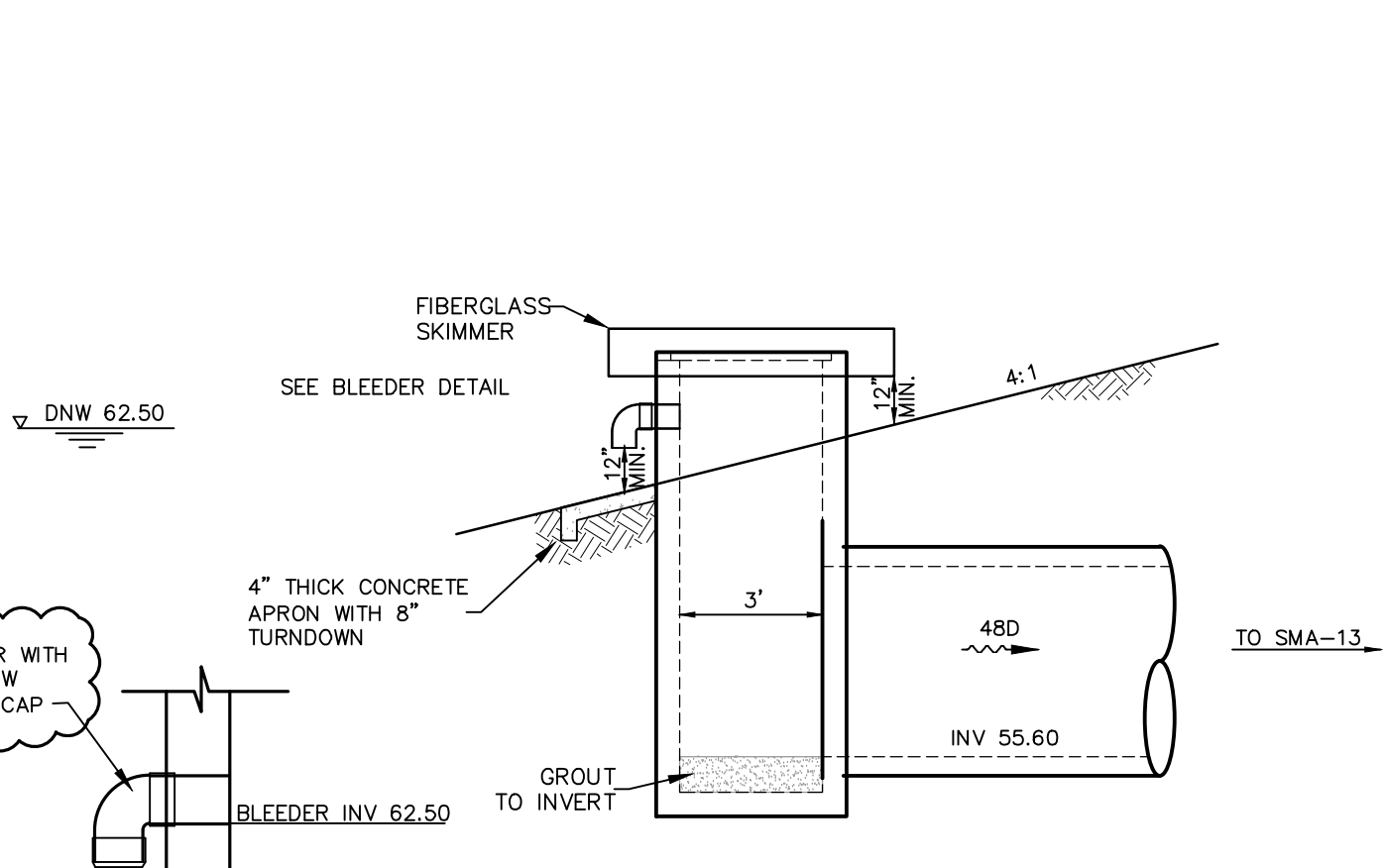
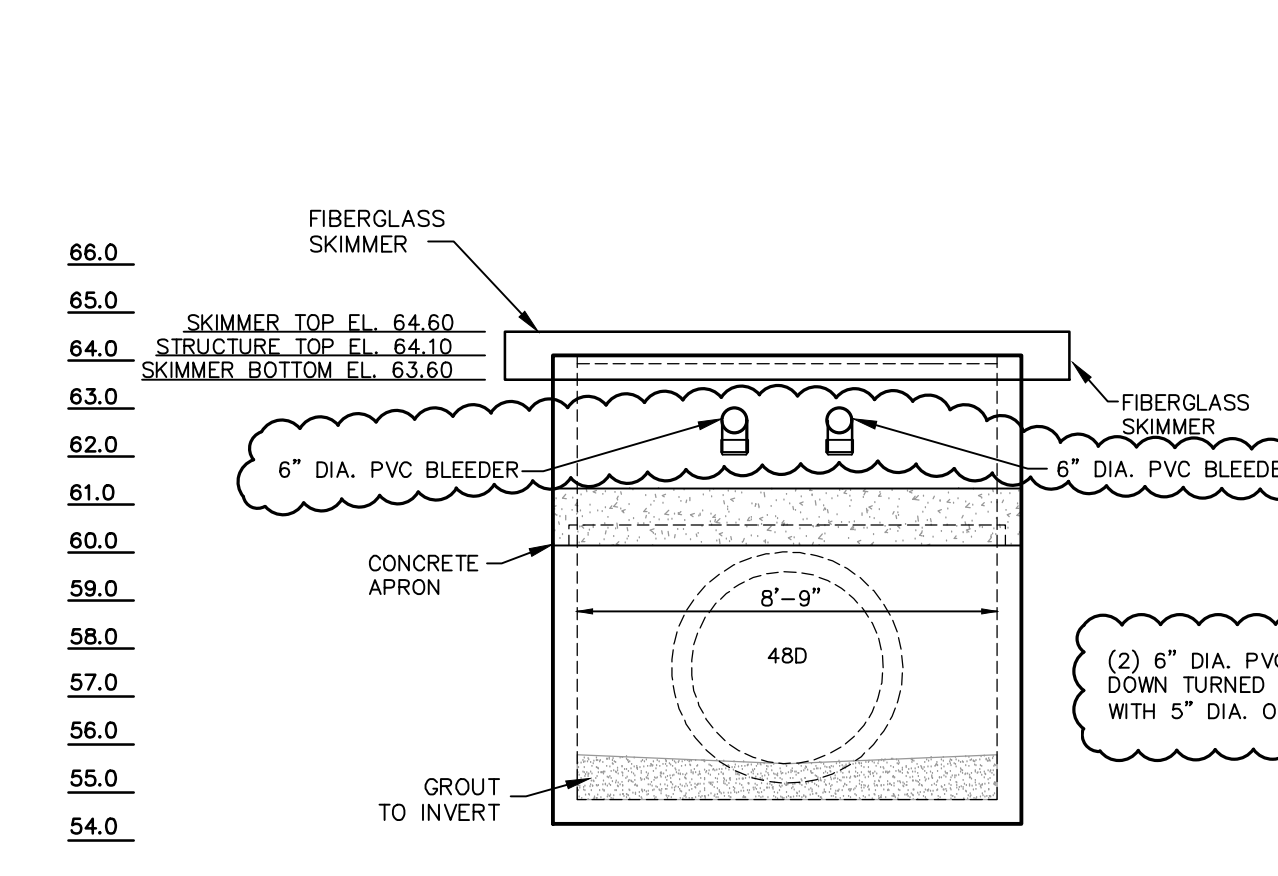
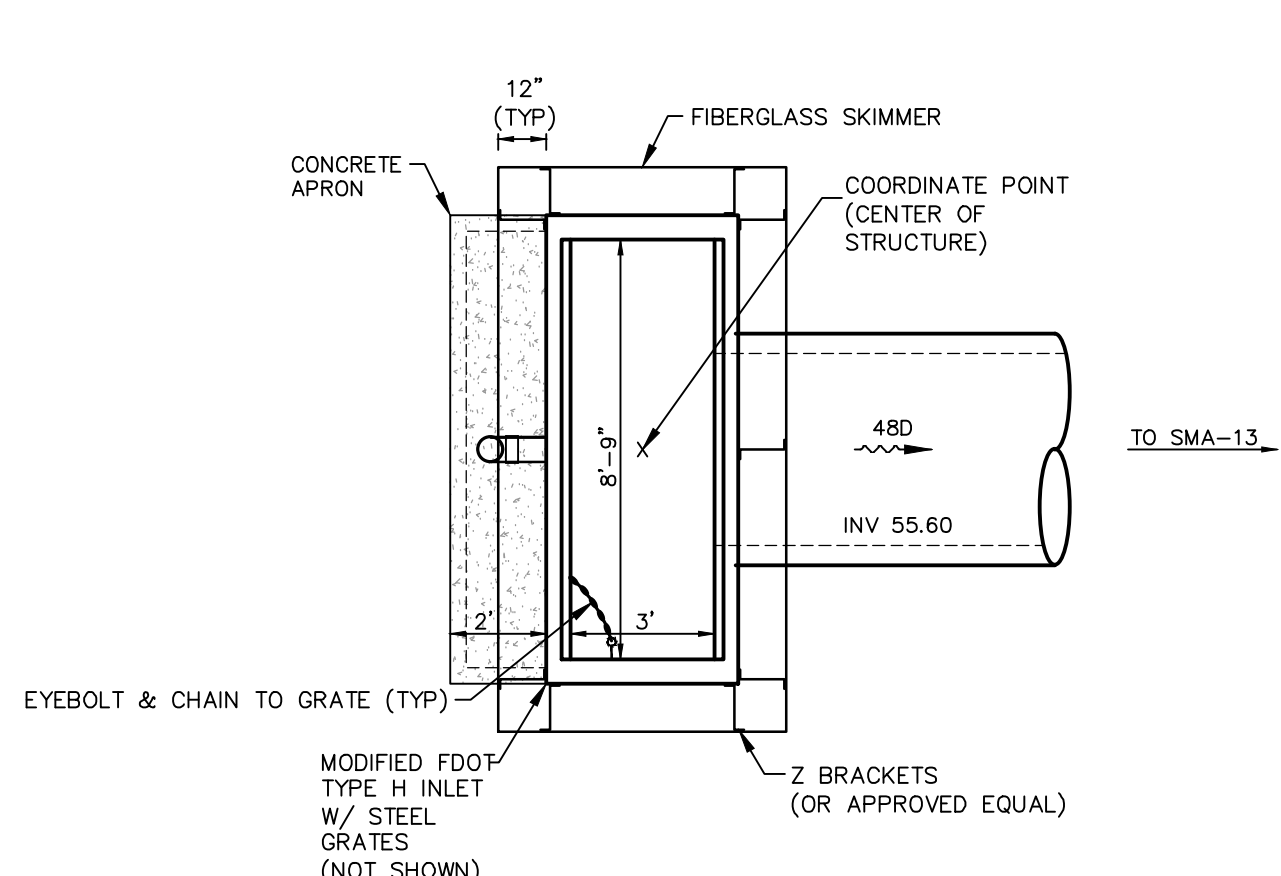
CS-13A
HORIZ. 1"=4'
VERT. 1"=4'



CS-13B
HORIZ. 1"=4'
VERT. 1"=4'



CS-14
HORIZ. 1"=4'
VERT. 1"=4'



CS-15
HORIZ. 1"=4'
VERT. 1"=4'

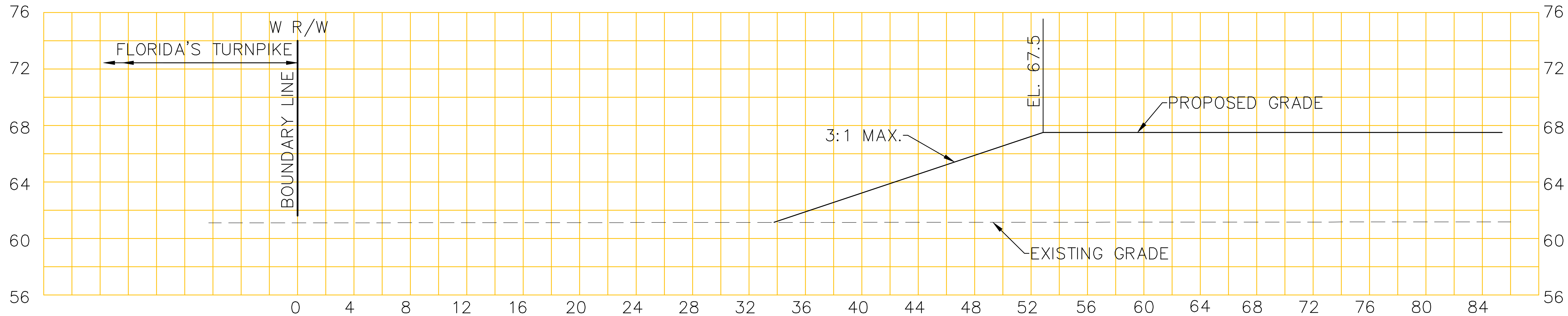
- GENERAL NOTES:
- SEE NOTES, SPECIFICATIONS & LEGEND SHEET FOR ADDITIONAL INFORMATION.
 - THE SCALE OF THIS DRAWING MAY HAVE CHANGED DUE TO REPRODUCTION.

DRAWING 13189-CTLSTR		SHEET C335		29 OF 33	
FONTANA CONCEPTUAL MASS GRADING PLANS OSCEOLA COUNTY, FLORIDA CONTROL STRUCTURE DETAILS					
DONALD W. MCINTOSH ASSOCIATES, INC. ENGINEERS 2800 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4068 CERTIFICATE OF AUTHORIZATION NO. 68		PLANNERS SURVEYORS JAMES C. NUGENT FLORIDA P.E. No. 57553 DATE: _____		JOB NUMBER 13189 SCALE AS SHOWN DATE 5/2/18 CHECKED BY JCN DESIGNED BY DSW DRAWN BY DSW	
				NO. DATE REVISIONS 1 5/17/21 REVISED PER SP/MD COMMENTS CHK.	

GENERAL NOTES:

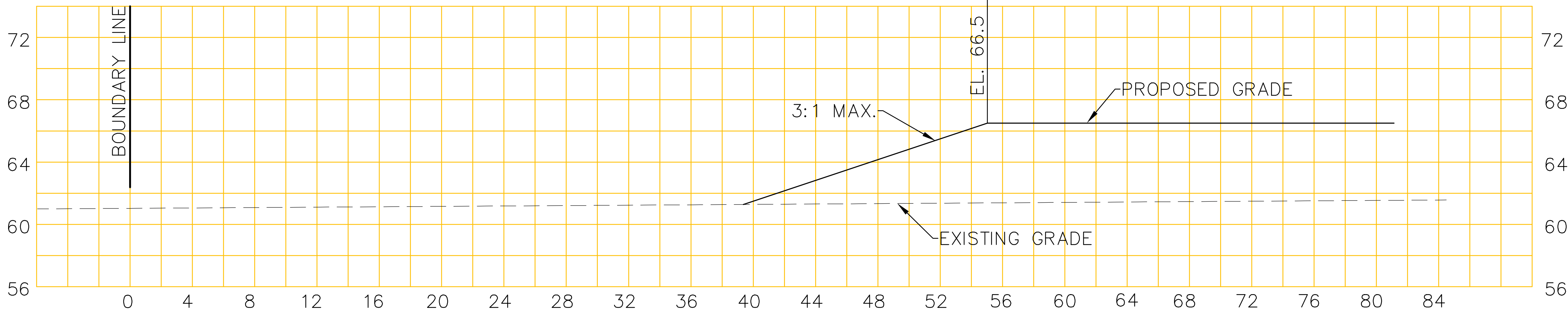
1. SEE NOTES, SPECIFICATIONS & LEGEND SHEET FOR ADDITIONAL INFORMATION.
2. THE SCALE OF THIS DRAWING MAY HAVE CHANGED DUE TO REPRODUCTION.

DONALD W. MCINTOSH ASSOCIATES, INC. RESERVES THE EXCLUSIVE COPYRIGHT AND PROPERTY RIGHTS TO THIS DRAWING WHICH MAY NOT BE REPRODUCED, CHANGED, OR COPIED IN ANY FORM OR MANNER, NOR CAN IT BE ASSIGNED TO ANY PARTY WITHOUT DONALD W. MCINTOSH ASSOCIATES, INC.'S WRITTEN CONSENT.



SECTION 5-5

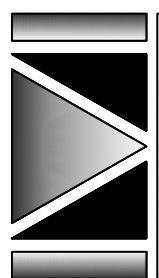
1"=4', HORIZONTAL
1"=4', VERTICAL



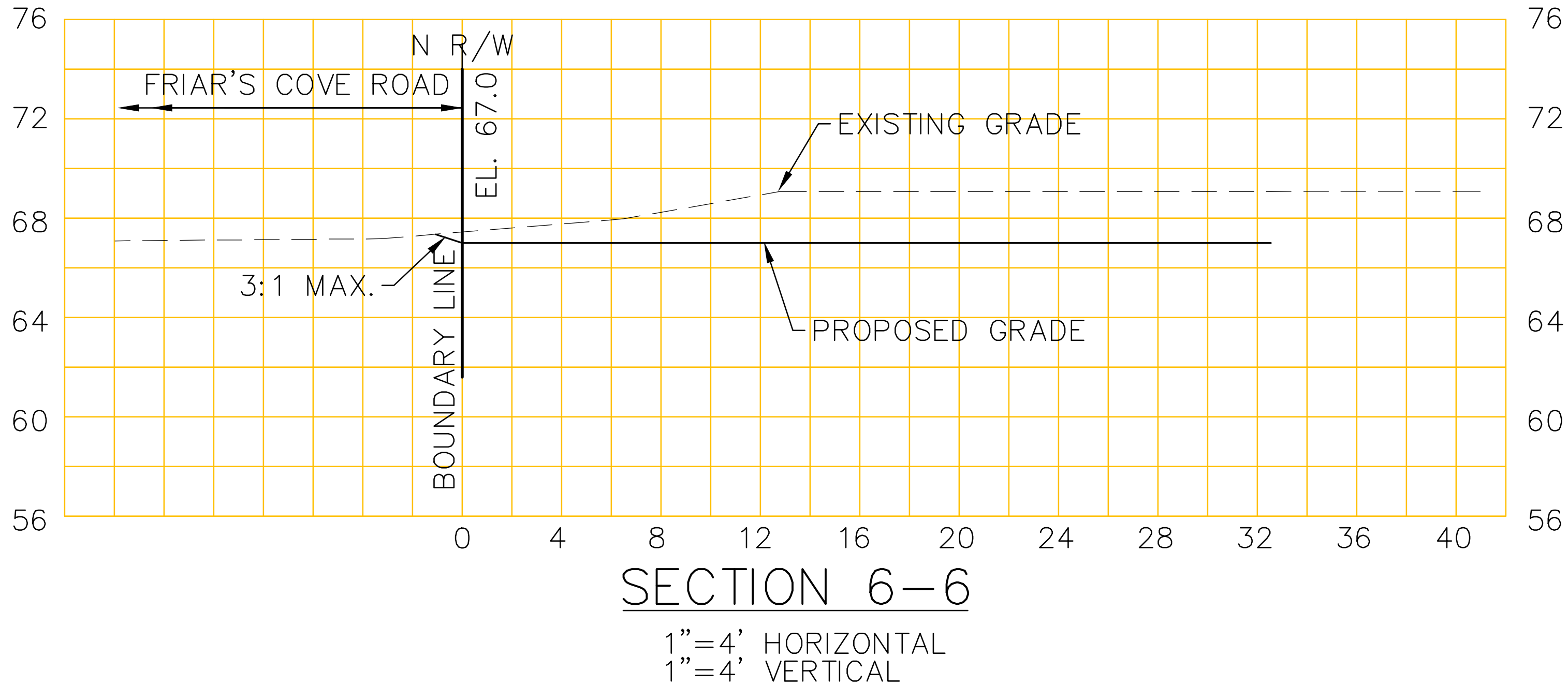
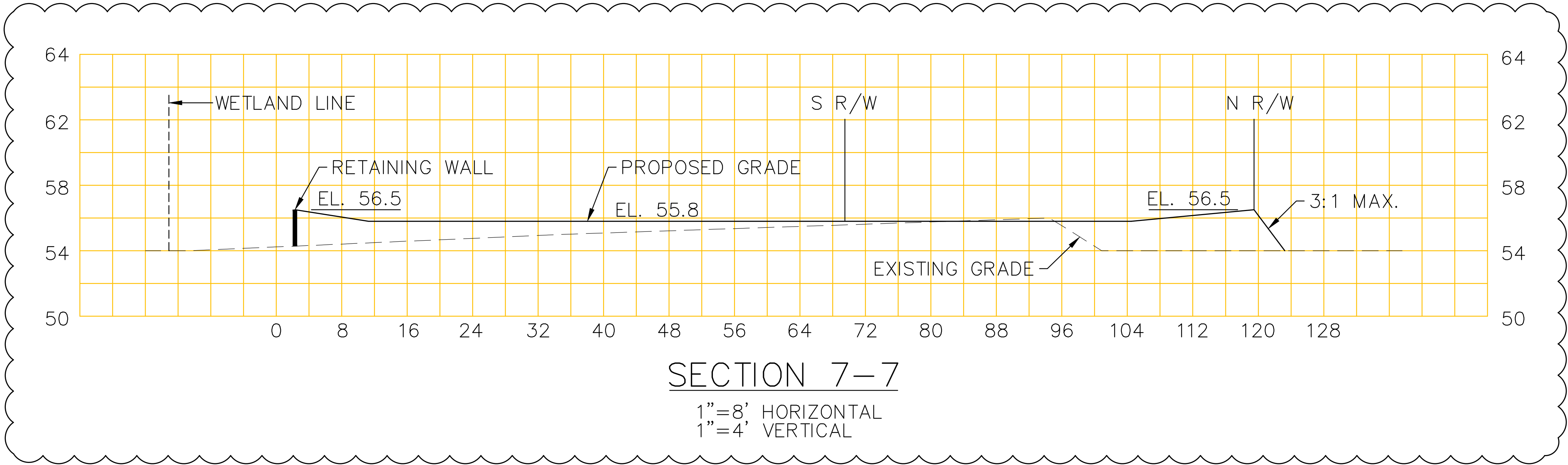
SECTION 4-4

1"=4', HORIZONTAL
1"=4', VERTICAL

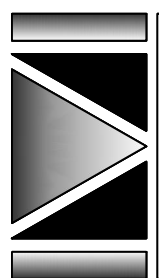
- GENERAL NOTES:
- SEE NOTES, SPECIFICATIONS & LEGEND SHEET FOR ADDITIONAL INFORMATION.
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DRAWING 13189-XSECT	SHEET C342	31 OF 33	FONTANA CONCEPTUAL MASS GRADING PLANS OSCEOLA COUNTY, FLORIDA PERIMETER CROSS SECTIONS	 DONALD W. MCINTOSH ASSOCIATES, INC. ENGINEERS 2200 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4088 CERTIFICATE OF AUTHORIZATION NO. 68	PLANNERS SURVEYORS JAMES C. NUGENT FLORIDA P.E. No. 57553 DATE: _____	JOB NUMBER 13189	SCALE AS SHOWN	DATE 5/2/18	CHECKED BY JCN	DESIGNED BY DSW	DRAWN BY DSW	NO.	DATE	REVISIONS	CHK.

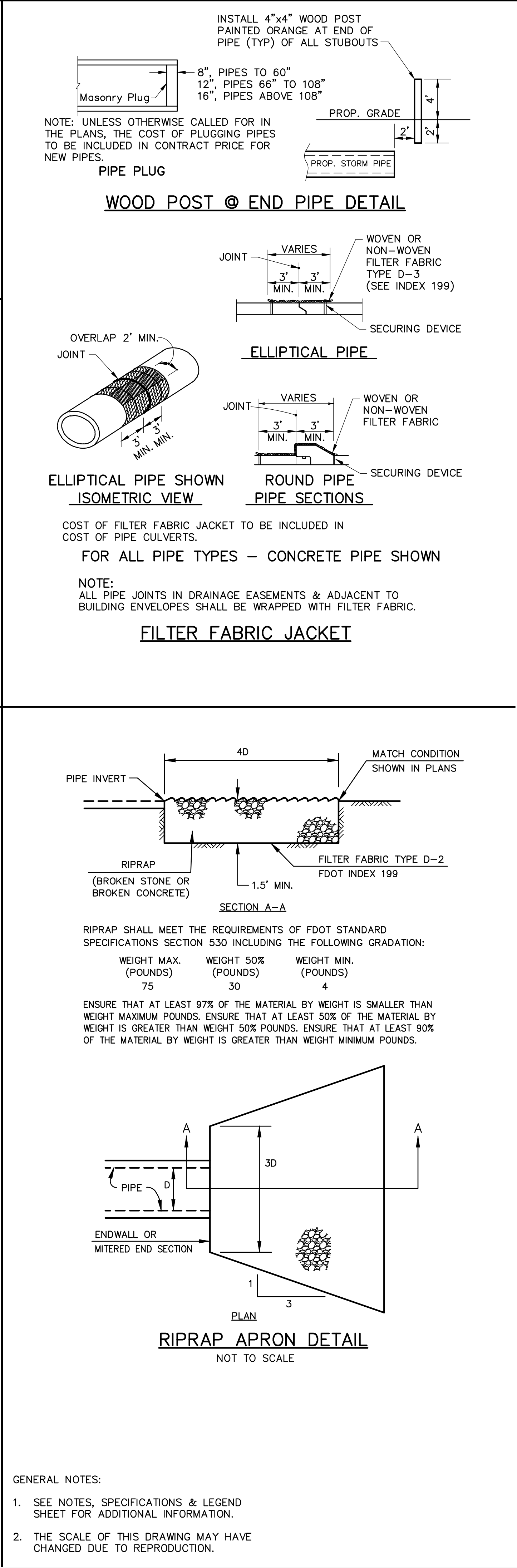
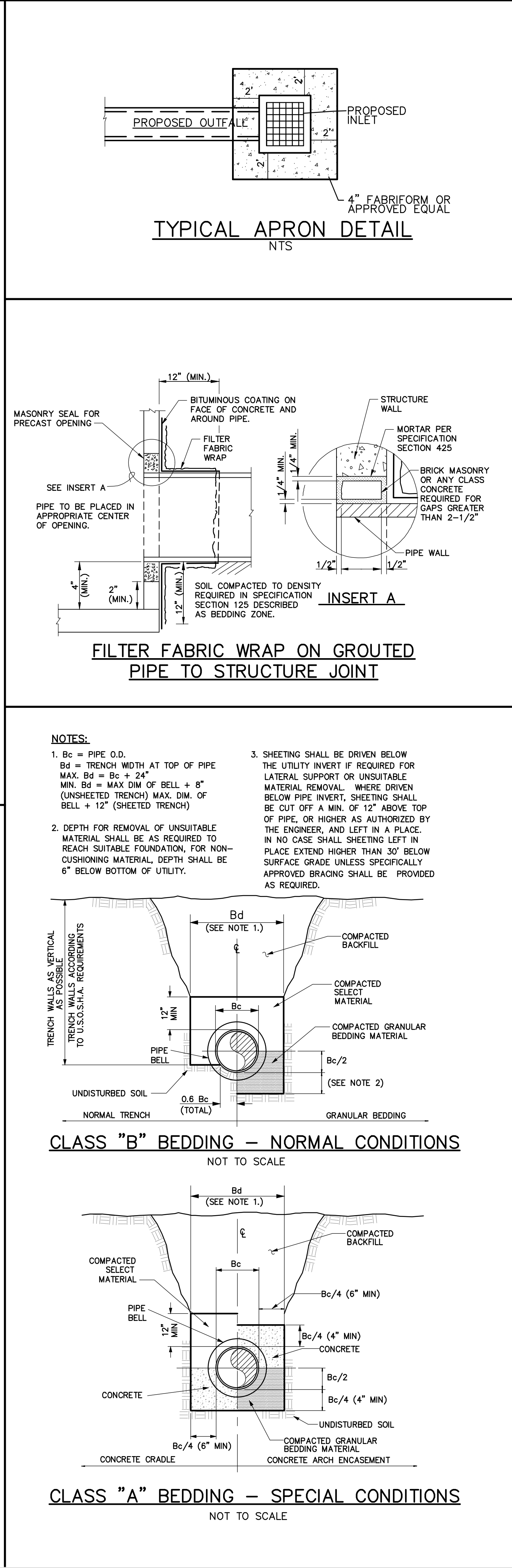
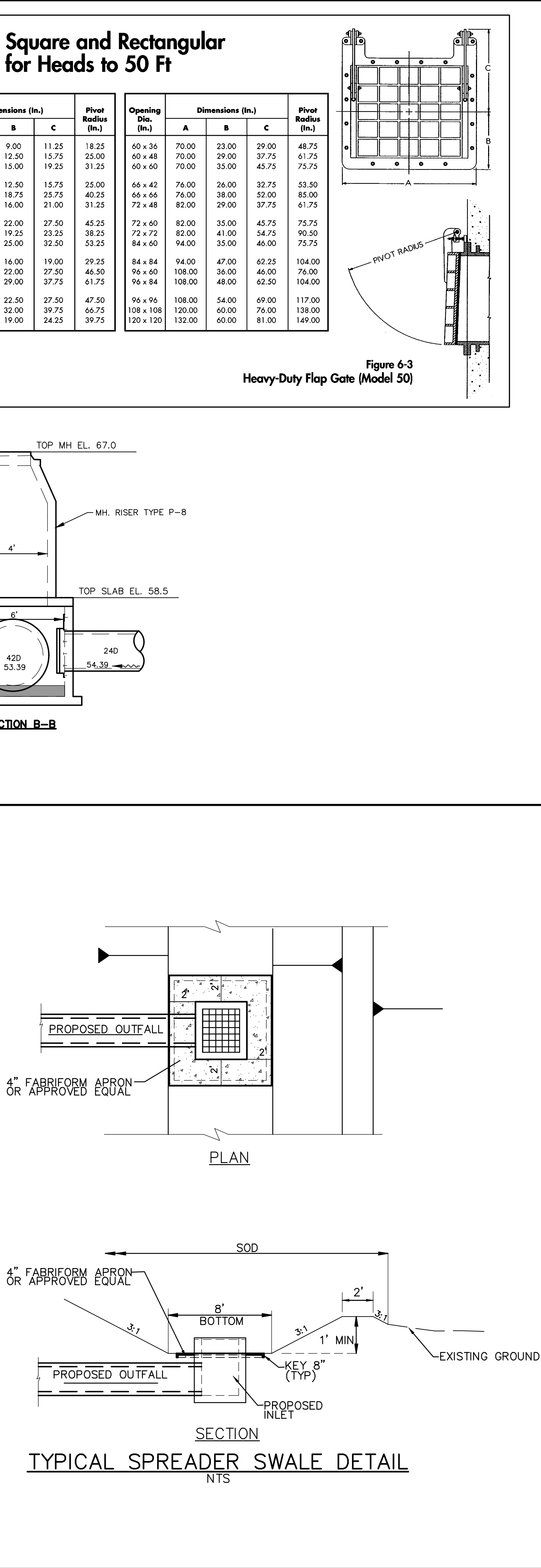
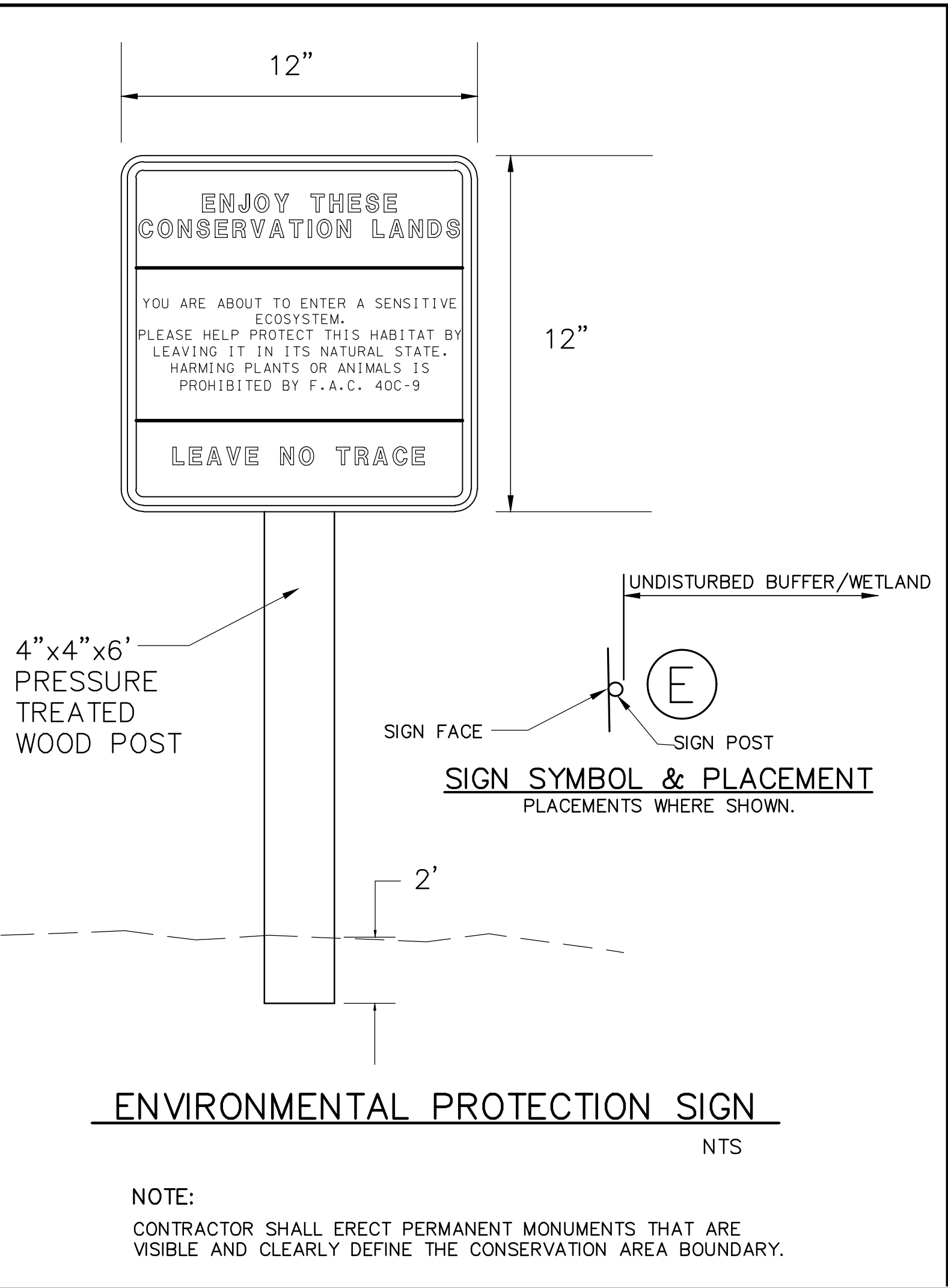
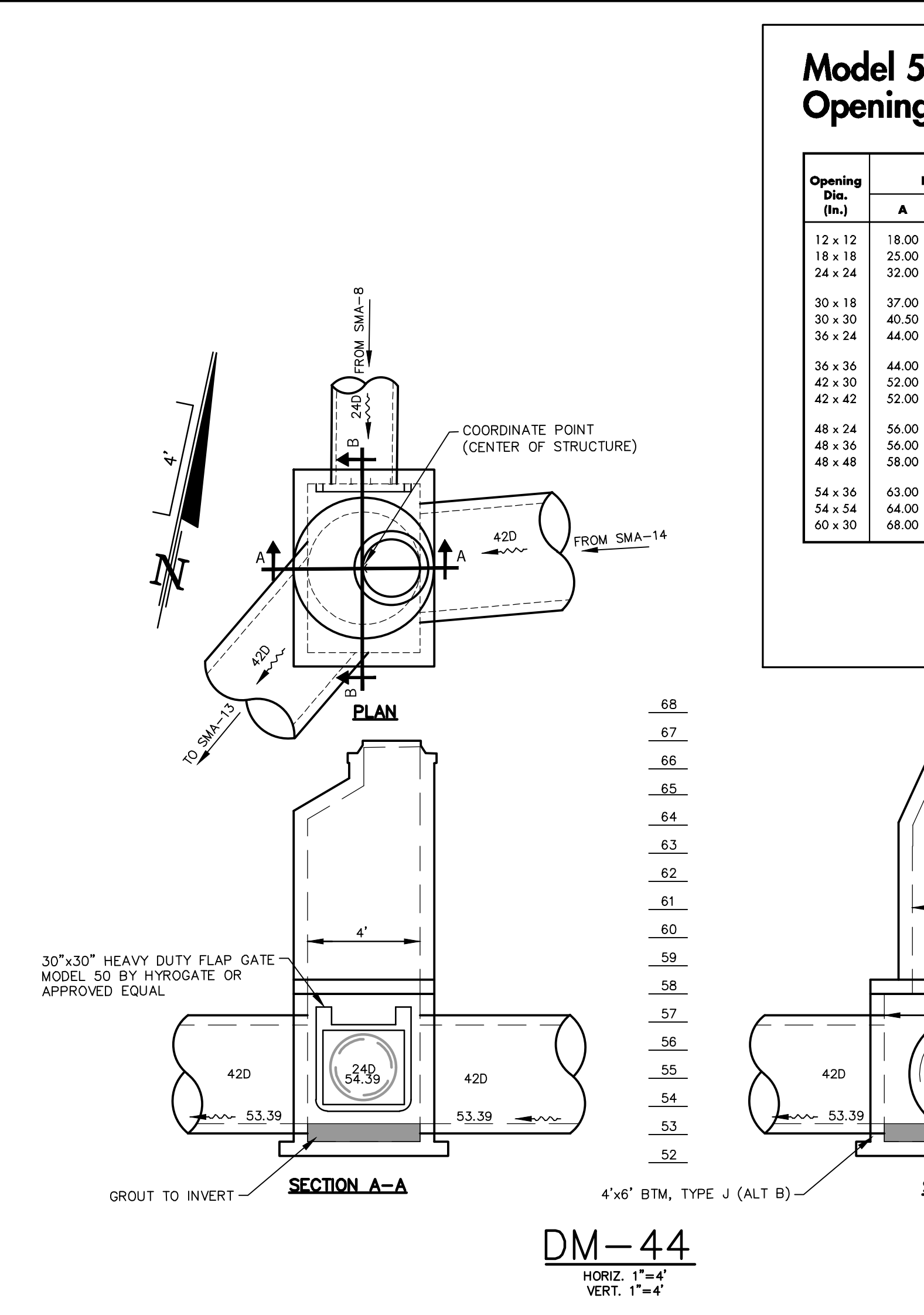
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- GENERAL NOTES:
- SEE NOTES, SPECIFICATIONS & LEGEND SHEET FOR ADDITIONAL INFORMATION.
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DRAWING 13189-XSECT	SHEET C343	32 OF 33	FONTANA CONCEPTUAL MASS GRADING PLANS OSCEOLA COUNTY, FLORIDA PERIMETER CROSS SECTIONS	 DONALD W. MCINTOSH ASSOCIATES, INC. ENGINEERS 2200 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4068 CERTIFICATE OF AUTHORIZATION NO. 68	DESIGNED BY DSW	CHECKED BY JCN	DATE 5/2/18	SCALE AS SHOWN	JOB NUMBER 13189	JAMES C. NUGENT FLORIDA P.E. No. 57553 DATE: _____	NO.		DATE	REVISIONS	CHK.
											2	6/17/21	SECTION 7-7	JCN	
											1	2/22/21	ADDED SECTION 7-7	JCN	

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DONALD W. MCINTOSH ASSOCIATES, INC.
ENGINEERS
2800 PARK AVENUE NORTH, WINTER PARK, FL 32789 407.644.4088
CERTIFICATE OF AUTHORIZATION NO. 68

FONTANA
CONCEPTUAL MASS GRADING PLANS
OSCEOLA COUNTY, FLORIDA

GRADING AND DRAINAGE DETAILS

DRAWING 13189-GDDT
SHEET C351
33 OF 33

JAMES C. NUGENT
FLORIDA P.E. No. 57553
DATE: _____

NO. _____
DATE: _____

REVISIONS
CHK.