

*****NOTICES TO CONTRACTOR*****

EXISTING UNDERGROUND/BURIED PUBLIC, PRIVATE, AND FRANCHISE UTILITIES/FACILITIES AFFECT THIS SITE, AND ARE DEPICTED ON THE PLANS PER THE BEST AVAILABLE INFORMATION AT THE TIME THE PLANS WERE PRODUCED. WINKELMANN & ASSOC., INC. SHALL NOT BE RESPONSIBLE FOR KNOWING THE EXACT LOCATION OF ALL FACILITIES OR DEPICTING EXACT LOCATIONS OF SAID FACILITIES ON THE PLANS BEYOND WHAT IS STATED ABOVE.

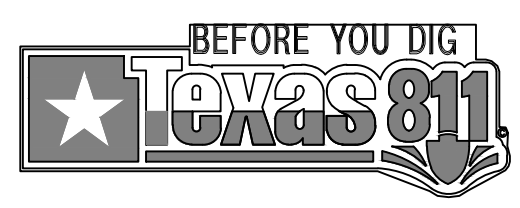
CONTRACTOR(S) SHALL CALL "811" A MINIMUM OF 48 HOURS PRIOR TO BEGINNING WORK ON THE SITE, AND SHALL NOT BEGIN ANY EXCAVATION OR DEMOLITION ACTIVITIES UNTIL AFTER SAID FACILITIES HAVE BEEN MARKED AND/OR FLAGGED PER "811" OR THE FACILITY OWNERS.

CONTRACTOR(S) SHALL BE WHOLLY RESPONSIBLE FOR ANY DAMAGE THAT MAY OCCUR TO SAID FACILITIES DUE TO WORK BEING DONE WITHOUT FOLLOWING THE PROCEDURES ABOVE.

AS-BUILT

THIS RECORD DRAWING IS COMPILATION OF A COPY OF THE SEALED ENGINEERING DRAWING FOR THIS PROJECT; MODIFIED BY ADDENDA, CHANGE ORDERS, AND INFORMATION FURNISHED BY THE CONTRACTOR. THE INFORMATION SHOWN ON THE RECORD DRAWINGS THAT WAS PROVIDED BY THE CONTRACTOR OR OTHERS NOT ASSOCIATED WITH THE DESIGN ENGINEER CANNOT BE VERIFIED FOR ACCURACY OR COMPLETENESS. THE ORIGINAL SEALED DRAWING ARE ON FILE AT THE OFFICES OF WINKELMANN AND ASSOCIATES, INC.

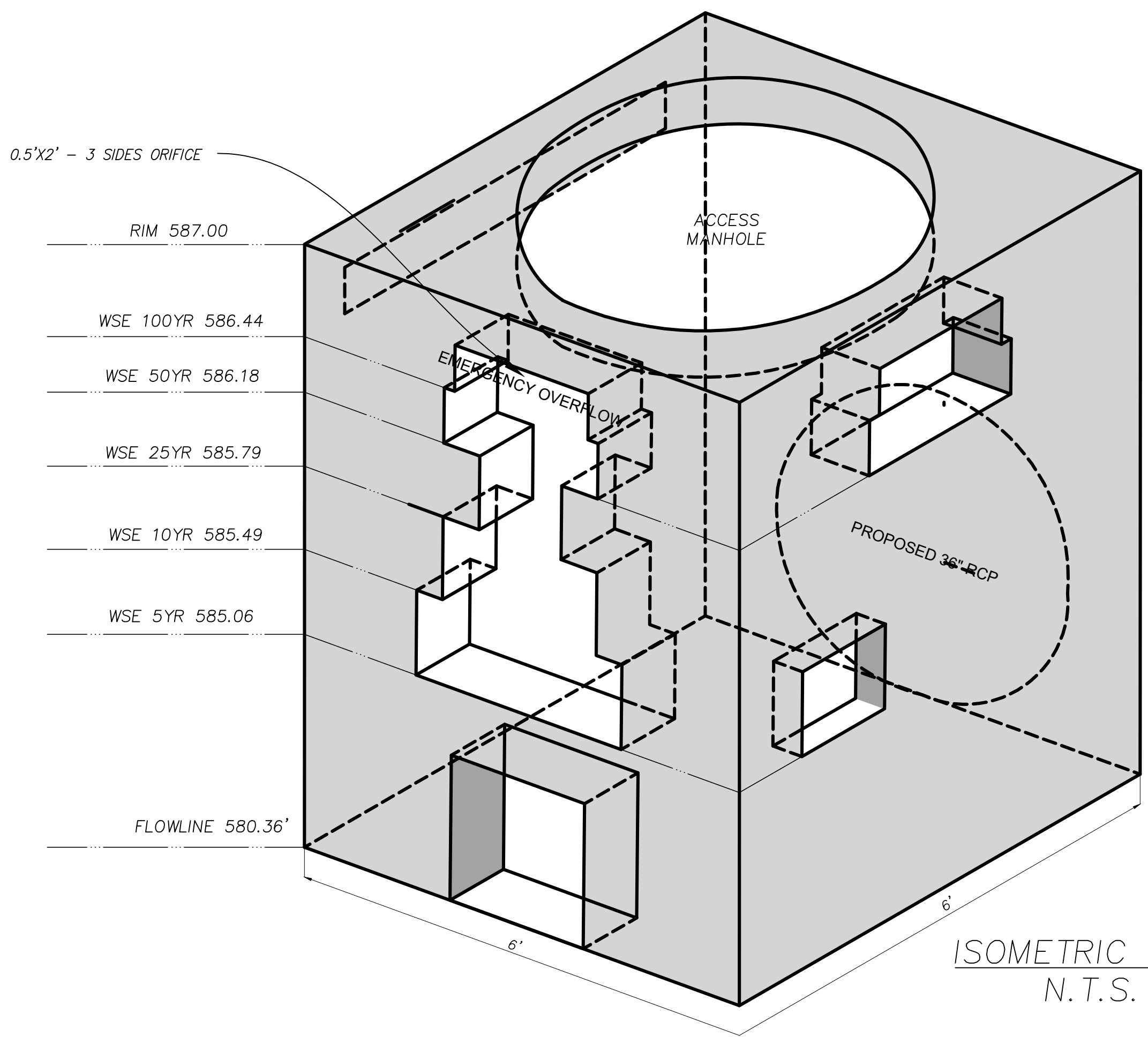
Will Winkelmann
WINKELMANN AND ASSOCIATES, INC. 04-20-2026
DATE



OUTLET STRUCTURE DETAILS					
	STM Event 1	STM Event 2	STM Event 3	STM Event 4	STM Event 5
	5-YR	10-YR	25-YR	50-YR	100-YR
	STORM PEAK	STORM PEAK	STORM PEAK	STORM PEAK	STORM PEAK
WTR Surface Elev.	585.09	585.52	585.82	586.21	586.47
Elevation Difference	4.70	0.43	0.30	0.39	0.25
Q _{MAXALLOWABLE} (cfs)	46.37	55.50	62.57	70.51	77.82
0 YR	H _{effective} (ft)				
0 YR	Area (ft ²)				
100 YR	H _{effective} (ft)				
100 YR	Area (ft ²)				
50 YR	H _{effective} (ft)				
50 YR	Area (ft ²)				
25 YR	H _{effective} (ft)				
25 YR	Area (ft ²)				
10 YR	H _{effective} (ft)				
10 YR	Area (ft ²)				
5 YR	H _{effective} (ft)				
5 YR	Area (ft ²)				

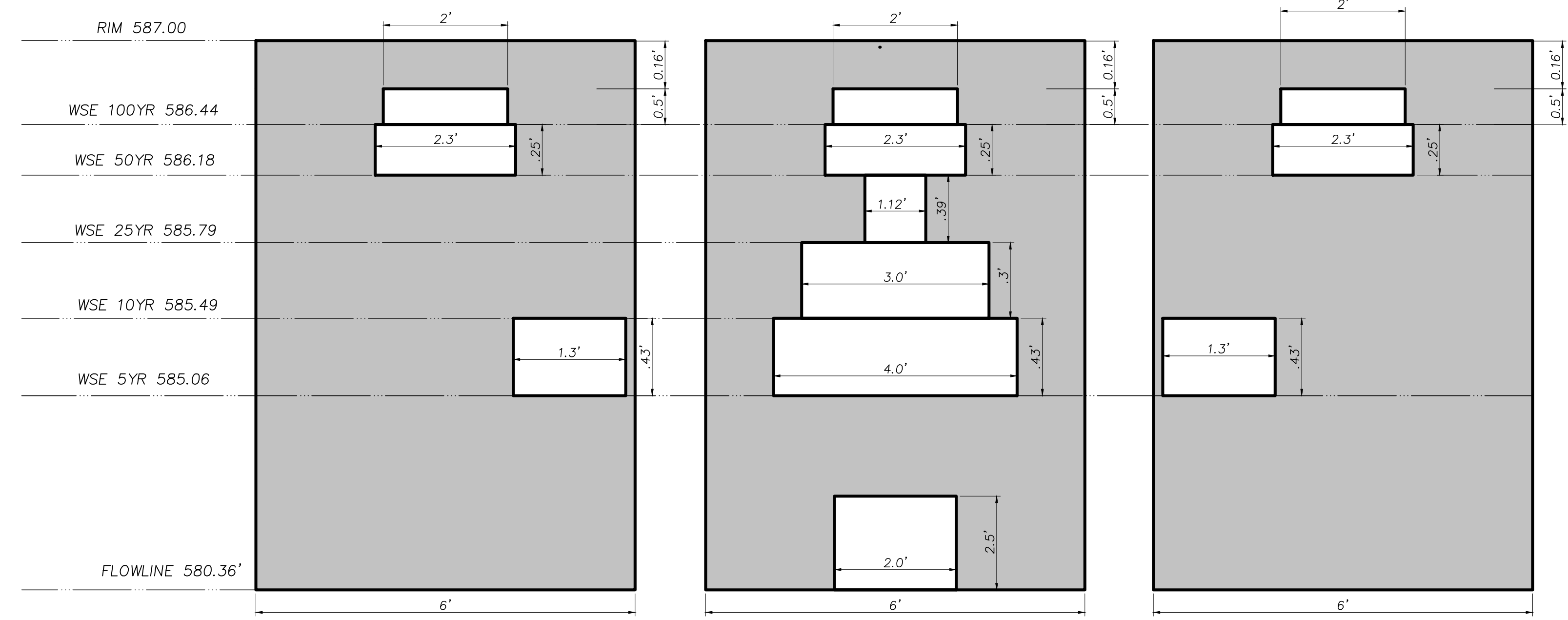
SLOT OPENING DETAILS					
	A1	A2	A3	A4	A5
Area (ft ²)	5.00	2.93	0.91	0.43	1.73
Width (ft)	2.50	6.89	3.06	1.11	6.91
Height (ft)	2.00	0.43	0.30	0.39	0.25

Top of Hole Elev	586.46	0.00	Width = 6.91 ft	100 YR	WSE = 586.47
Height	0.25 ft			50 YR	WSE = 586.21
Top of Hole Elev	586.21	0.00	Width = 1.11 ft	25 YR	WSE = 585.82
Height	0.39 ft			10 YR	WSE = 585.52
Top of Hole Elev	585.82	0.00	Width = 3.06 ft	5 YR	WSE = 585.09
Height	0.3 ft				
Top of Hole Elev	585.52	0.00	Width = 6.89 ft		
Height	0.43 ft				
Top of Hole Elev	582.39	2.70	Width = 2.5 ft		
Height	2 ft			Flowline	= 580.39



EMERGENCY OVERTURE IS DESIGN TO DISCHARGE IN A HIGH RAIN EVENT RUNOFF IN THE EVENT 5, 25 & 100 YR OPENINGS ARE OBSTRUCTED.

RUNOFF EMERGENCY OVERTURE
 $Q = (0.6)(3 \text{ sqft})\sqrt{2*(32.2 \text{ ft/s}^2)(0.75 \text{ FT})}$
 $Q = 12.51 \text{ cfs}$



NO.	DATE	REVISION	APPROVAL
5.			
4.			
3.			
2.			
1.			

Winkelmann & Associates, Inc.
 CONSULTING CIVIL ENGINEERS & SURVEYORS
 6750 HILGREET PLAZA DRIVE, SUITE 215
 ROCKWALL, TEXAS 75087
 (972) 960-7090
 (972) 960-7099 FAX
 Texas Engineer Registration No. 89
 Texas Surveyor Registration No. 107866-00
 Contract # 16246, Williamson & Associates, Inc.

02-25-2025
 THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY WILLIAM R. WINKELMANN, P.E. # 120378

DETENTION POND 1 OUTLET STRUCTURE
 I-30 FRONTAGE RD & FM 3549
 ROCKWALL, TX

C-05.07

6-24-06
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 WINKELMANN & ASSOCIATES, INC.
 6-24-06
 LAST SAVED BY: C0405A, Apr 21, 2026