

PROPOSED CIVIL DESIGN CONSTRUCTION PLANS

TO SERVE

10 HILLSBORO COUNTY INC

131 HCR 3100
HILLSBORO, TX 76645

JULY 2026



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10 HILLSBORO COUNTY INC	131 HCR 3100 HILLSBORO TX 76645
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COVER SHEET		
DESIGNED BY:	DWN BY:	CHK BY:

SHEET REFERENCE:	
C.00	

XTREME SHELTER, LLC
CALLED 6.50 ACRES
VOLUME 2321, PAGE 589,
D.R.H.C.T.

FRONTIER REAL ESTATE HOLDINGS, LLC - SERIES 101
CALLED 17.60 ACRES
VOLUME 2199, PAGE 116,
D.R.H.C.T.

LYNN R. & MARY J.
WARDLOW CALLED
XXX ACRES VOLUME
260, PAGE 733,
D.R.H.C.T.

INTERSTATE HIGHWAY 35
(VARIABLE WIDTH R.O.W.)

CONSTRUCTION NOTE:

CONTRACTOR SHALL CONFIRM NO CONFLICTS BETWEEN EXISTING AND PROPOSED DRY/WET UTILITIES IN PUBLIC R.O.W., BEFORE STARTING SITE WORK CONSTRUCTION.

CONTRACTOR SHALL HYDROMULCH ALL NEWLY GRADED AREAS AND EXPOSED SOILS UPON PAVING COMPLETION.

EXCESS SOIL MATERIAL IS THE RESPONSIBILITY OF THE CONTRACTOR & IS TO BE DISPOSED OFFSITE RESPONSIBLY AT NO SEPARATE PAY.

SITEWORKS NOTES:

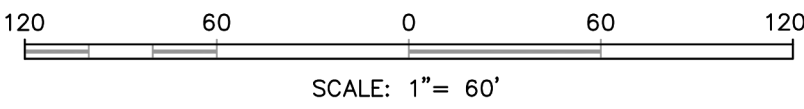
- CONTRACTOR SHALL FIELD VERIFY LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION OF PROPOSED FACILITIES. NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANY 48 HOURS PRIOR TO EXCAVATING NEAR THEIR UTILITY.
- CONTRACTOR SHALL TAKE ALL DUE PRECAUTIONS TO PROTECT EXISTING FACILITIES FROM DAMAGE. ANY DAMAGE TO EXISTING FACILITIES INCURRED AS A RESULT OF CONSTRUCTION OPERATIONS WILL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- CONTRACTOR SHALL TAKE EXTRA CARE TO PROTECT TREES IN AREAS ADJACENT TO CONSTRUCTION.
- CONTRACTOR SHALL CONFIRM NO CONFLICTS BETWEEN EXISTING AND PROPOSED DRY/WET UTILITIES IN PUBLIC R.O.W., BEFORE STARTING SITE WORK CONSTRUCTION.

LEGEND

- PROPERTY LINE
- PROPOSED BUILDING

PROJECT DATA	
PROJECT TITLE	10 HILLSBORO COUNTY INC
PROJECT ADDRESS	131 HCR 3100 HILLSBORO TX 76645
OWNER NAME	SHAMIM MOHAMMAD NAEM
OWNER ADDRESS	5400 BRENTWOOD STAIR RD, TX 76112
OWNER CONTACT	oamed@live.com
COUNTY	HILL COUNTY
STATE	TEXAS
TOTAL SITE AREA	1,044,568 SF. (23.98 AC.)
FEMA MAP NUMBER	48214C0405D
EFFECTIVE DATE	DECEMBER 20, 2019
FEMA ZONE	ZONE X
PROPOSED IMPERVIOUS AREA	519,670 S.F. (11.93 AC.)

LINE	DISTANCE	BEARING
L1	74.26'	S 10°01'40" E



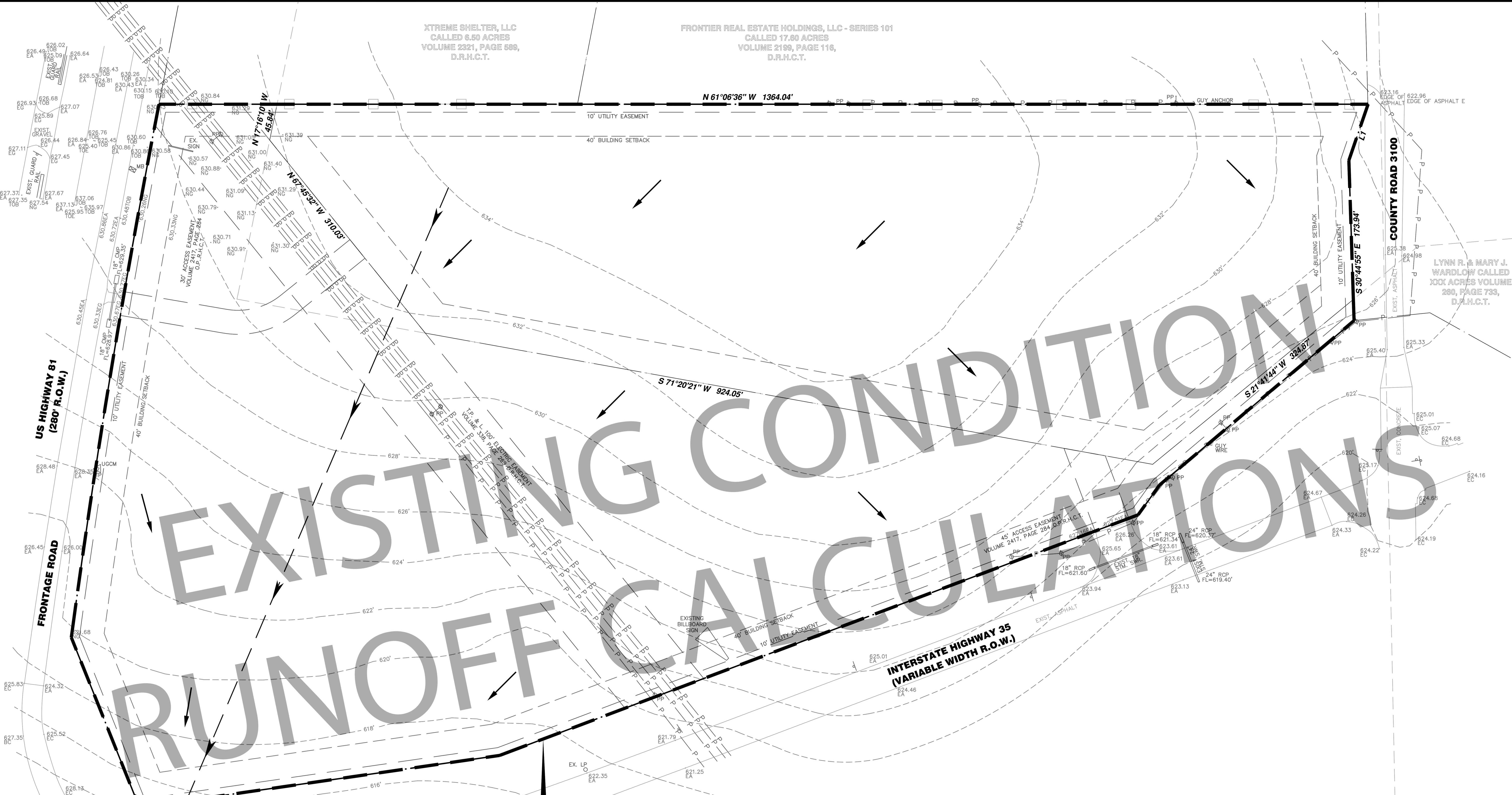
10 HILLSBORO COUNTY INC

131 HCR 3100 HILLSBORO
TX 76645

OVERALL
MASTER PLAN

SHEET
REFERENCE:

C.01



EXISTING CONDITION ANALYSIS POINT OF INTEREST ACCUMULATED DRAINAGE AREA & PEAK DISCHARGES	
E1	DRAINAGE AREA ID
23.98	AREA (AC.)
24.16	2-YR EXISTING DISCHARGE (CFS)
35.21	10-YR EXISTING DISCHARGE (CFS)
54.00	100-YR EXISTING DISCHARGE (CFS)

EXISTING CONDITION
PROJECT DRAINAGE AREA "E1"
PERVIOUS AREA = 23.98 AC.
IMPERVIOUS AREA = 0 AC.
TOTAL AREA = 23.98 AC.

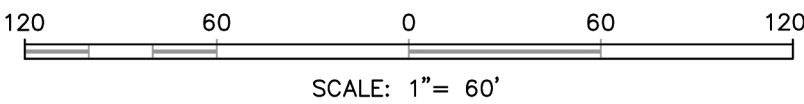
Cw Calculations	
Total Area	= 23.98 acre
Pervious Area	= 23.98 acre
Impervious Area	= 0 acre
C	= 0.9 (impervious)
C	= 0.35 (pervious)
Cw = Weighted Runoff Coefficient	
Cw	= 0.35
Impervious Area %	= 0

Drainage Area 'E1' - Existing Conditions Peak Runoff Calculations	
The Intensity, Duration, Frequency Factors are based on NOAA Atlas 14	
Time of Concentration Calculations	
T_{c1}	= Sheet flow time
$T_{c1} = \frac{0.007 (n_{ol} L_{sh})^{0.8}}{(P)^{0.5} (S_{sh})^{0.4}}$	
n_{ol}	= 0.15 Roughness Coefficient
L_{sh}	= 100 Sheet flow length (ft.)
P	= 3.94 2-Yr, 24 hr, ATLAS-14 Rainfall depth (in.)
S_{sh}	= 0.0083 Sheet flow slope (ft/ft)
T_{c1}	= 0.209 hour
T_{c1}	= 12.55 minutes
T_{c2}	= Shallow Concentrated Flow Time
$T_{c2} = \frac{D_f}{60V}$	
D_f	= 1400 Flow Distance (ft)
S	= 0.0083 Shallow concentrated slope (ft/ft)
V	= 1.47 Shallow concentrated flow velocity (ft/s) (unpaved)
T_{c2}	= 15.87 minutes
T_c	= $T_{c1} + T_{c2}$ = 28.43 minutes
T_c used	= 28.43 minutes
Peak Runoff Calculations	
T_c	= 28.43 minutes
A	= 23.98 acre
Cw	= 0.35
Q	= $C \times I \times A$
2-Yr IDF	
b	= 52.91
d	= 10.79
e	= 0.79
I(2-Yr)	= 2.88
Q(2-Yr)	= 24.16 cfs
10-Yr IDF	
b	= 73.99
d	= 10.73
e	= 0.78
I(10-Yr)	= 4.20
Q(10-Yr)	= 35.21 cfs
100-Yr IDF	
b	= 112.70
d	= 11.72
e	= 0.78
I(100-Yr)	= 6.43
Q(100-Yr)	= 54.00 cfs

LEGEND

- PROPERTY LINE
- EXISTING DRAINAGE AREA
- FLOW PATH
- DIRECTION OF FLOW

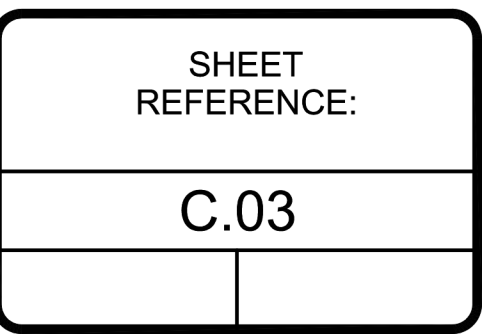
LINE	DISTANCE	BEARING
L1	74.26'	S 10°01'40" E



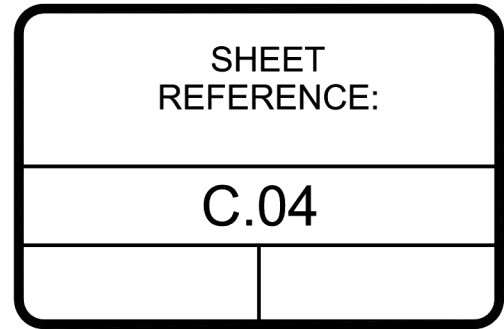
10 HILLSBORO COUNTY INC	131 HCR 3100 HILLSBORO TX 76645
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EXISTING CONDITION RUNOFF CALCULATIONS		
DESIGNED BY:	DWN BY:	CHK BY:

SHEET REFERENCE:	
C.02	



FRONTIER REAL ESTATE HOLDINGS, LLC - SERIES 101
CALLED 17.60 ACRES
VOLUME 2199, PAGE 116,
D.R.H.C.T.



XTREME SHELTER, LLC
CALLED 6.50 ACRES
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10 HILLSBORO COUNTY INC

131 HCR 3100 HILLSBORO
TX 76645

SITE DRAINAGE
AND DETENTION
PLAN

DESIGNED BY:

DWN BY:

CHK BY:

SHEET
REFERENCE:

C.05

SITWORKS NOTES:

- CONTRACTOR SHALL FIELD VERIFY LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION OF PROPOSED FACILITIES. NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANY 48 HOURS PRIOR TO EXCAVATING NEAR THEIR UTILITY.
- CONTRACTOR SHALL TAKE ALL DUE PRECAUTIONS TO PROTECT EXISTING FACILITIES FROM DAMAGE. ANY DAMAGE TO EXISTING FACILITIES INCURRED AS A RESULT OF CONSTRUCTION OPERATIONS WILL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- CONTRACTOR SHALL TAKE EXTRA CARE TO PROTECT TREES IN AREAS ADJACENT TO CONSTRUCTION.
- CONTRACTOR SHALL CONFIRM NO CONFLICTS BETWEEN EXISTING AND PROPOSED DRY/WET UTILITIES IN PUBLIC R.O.W., BEFORE STARTING SITE WORK CONSTRUCTION.
- OVERHEAD AND UNDERGROUND UTILITIES MAY EXIST IN THE VICINITY OF THIS PROJECT LOCATIONS SHOWN FOR EXISTING UTILITIES ARE APPROXIMATE AND OTHER UTILITIES MAY EXIST IN THE VICINITY OF THE PROJECT WHICH ARE NOT SHOWN ON THE PLANS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES IN THE VICINITY OF THE PROJECT, PRIOR TO BEGINNING CONSTRUCTION. IF ANY DISCREPANCIES EXIST, NOTIFY ENGINEER IMMEDIATELY.
- CONDITION OF THE ROAD AND/OR RIGHT-OF WAY, UPON COMPLETION OF JOB SHALL BE AS GOOD AS OR BETTER THAN PRIOR TO STARTING WORK.
- EXISTING PRIVATE AND PUBLIC GREEN AREAS, UTILITIES, PAVEMENTS, CURBS, DRIVEWAYS AND SIDEWALKS DAMAGED OR REMOVED DURING CONSTRUCTION OR AS A RESULT OF CONSTRUCTION SHALL BE REPLACED TO THE HUNT COUNTY STANDARDS.
- ALL TREES, SHRUBS, STUMPS, ROOTS AND OTHER VEGETATION FROM CLEARING AND GRUBBING SHALL BE DISPOSED OF AT LICENSED OFF SITE LAND FILL.
- EXCESS SOIL MATERIAL IS THE RESPONSIBILITY OF THE CONTRACTOR & IS TO BE DISPOSED OFFSITE RESPONSIBLY AT NO SEPARATE PAY.
- CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES DURING CONSTRUCTION AND NO LANES SHALL BE BLOCKED DURING CONSTRUCTION
- CONTRACTOR SHALL HYDROMULCH ALL NEWLY GRADED AREAS AND EXPOSED SOILS UPON PAVING COMPLETION.

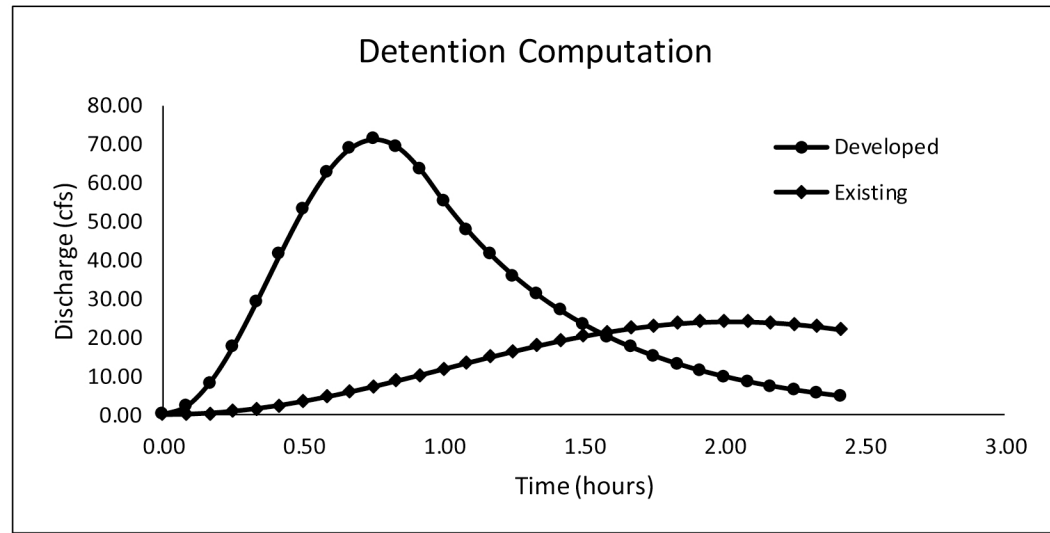
LEGEND

PROPERTY LINE
HIGH POINT (H.P.)
DIRECTION OF FLOW
EXISTING GRADE ELEVATIONS
PROPOSED FINISHED FLOOR ELEVATION
PROPOSED TOP OF PAVEMENT ELEVATION
PROPOSED SIDEWALK ELEVATION
PROPOSED FINISHED GRADE ELEVATION
PROPOSED RETAINING WALL ELEVATION

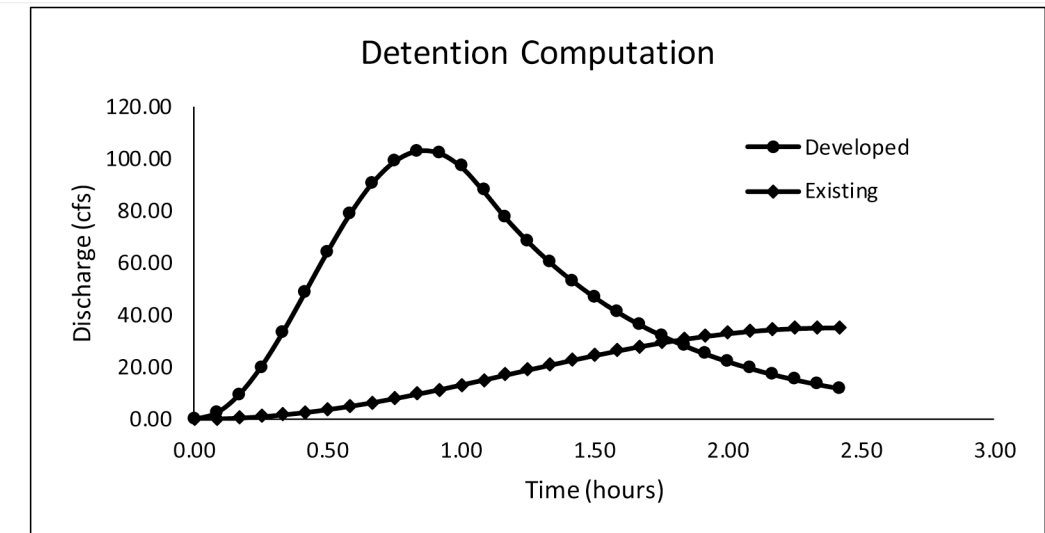
LINE	DISTANCE	BEARING
L1	74.26'	S 10°01'40" E

120 60 0 60 120
SCALE: 1"= 60'

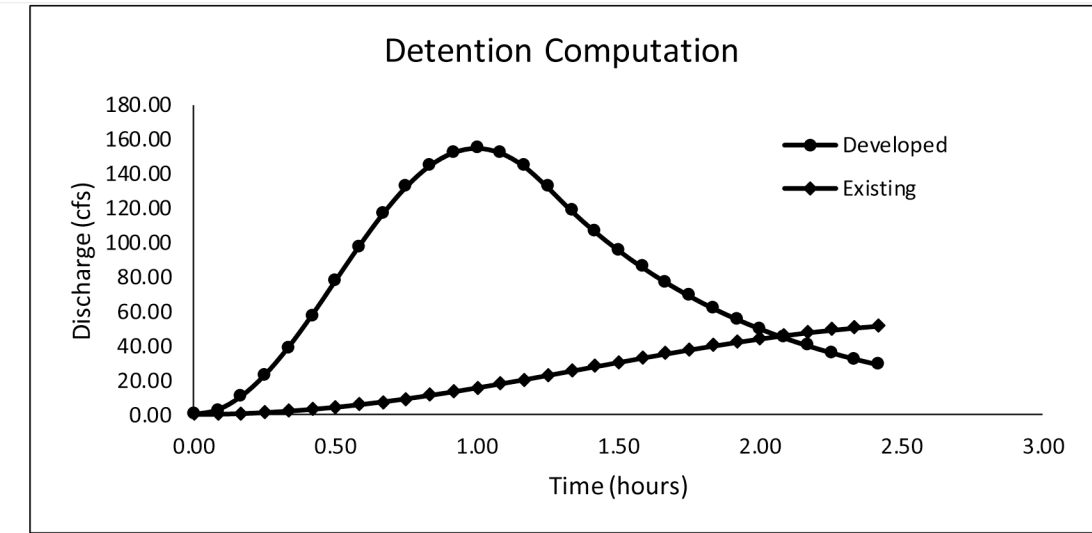
2-Yr Required Detention Analysis			
Small Watershed Method of Hydrograph Development			
Method by H.R. Malcom			
V	Excess Runoff volume (inches)	3.37	inches
A	Total Area contributing to runoff (acres)	23.98	acres
Qp	Peak Developed Discharge (cfs)	71.22	cfs
Tincr	Time Increment (minutes)	5	minutes
Qun	Peak Undeveloped Discharge (cfs)	24.16	cfs
Tp	Time to Peak	=	2718 seconds
Volume	Required Storage Volume	=	4.06 acre-ft



10-Yr Required Detention Analysis			
Small Watershed Method of Hydrograph Development			
Method by H.R. Malcom			
V	Excess Runoff volume (inches)	5.42	inches
A	Total Area contributing to runoff (acres)	23.98	acres
Qp	Peak Developed Discharge (cfs)	103.20	cfs
Tincr	Time Increment (minutes)	5	minutes
Qun	Peak Undeveloped Discharge (cfs)	35.21	cfs
Tp	Time to Peak	=	3112 seconds
Volume	Required Storage Volume	=	6.80 acre-ft

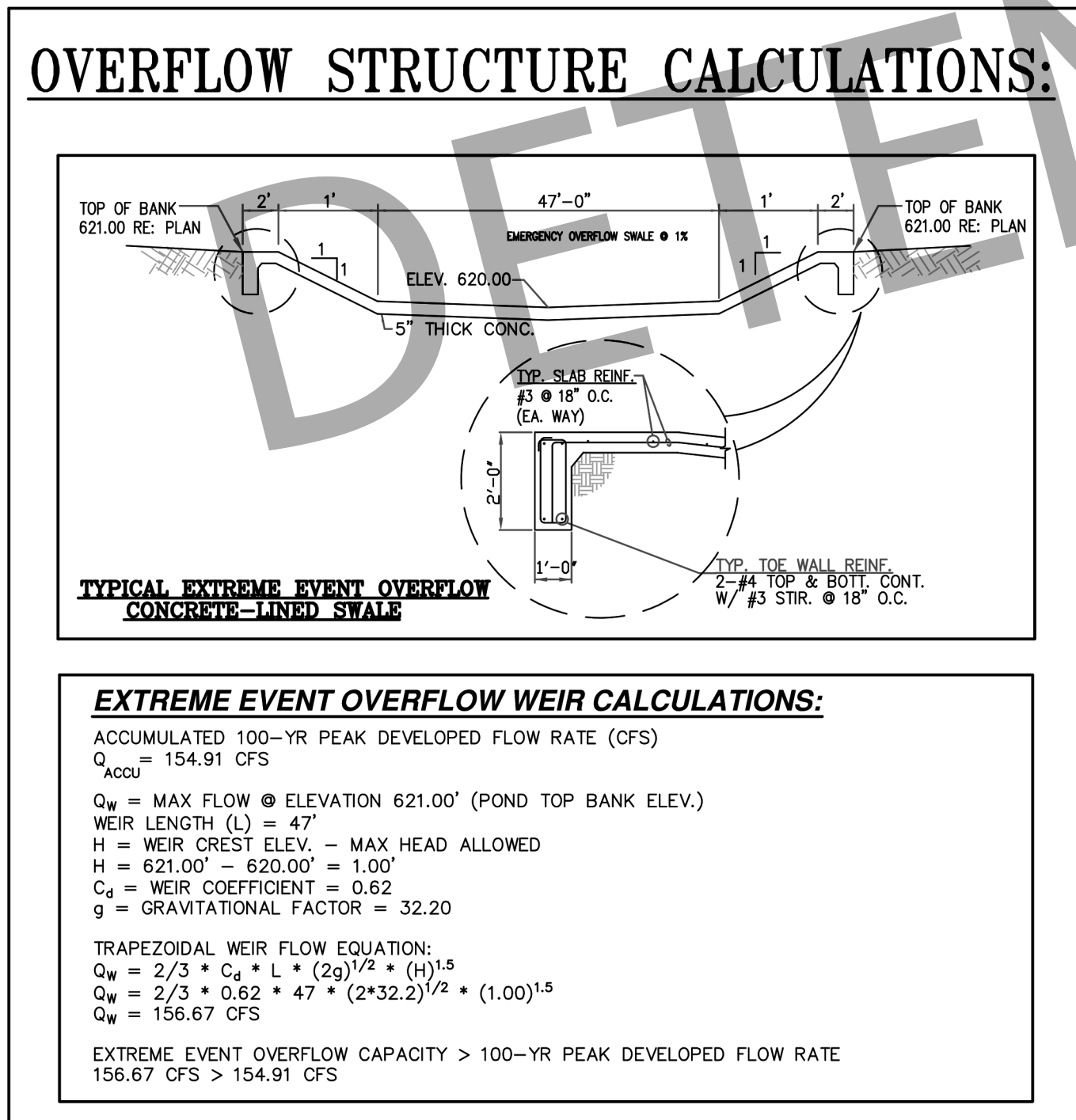
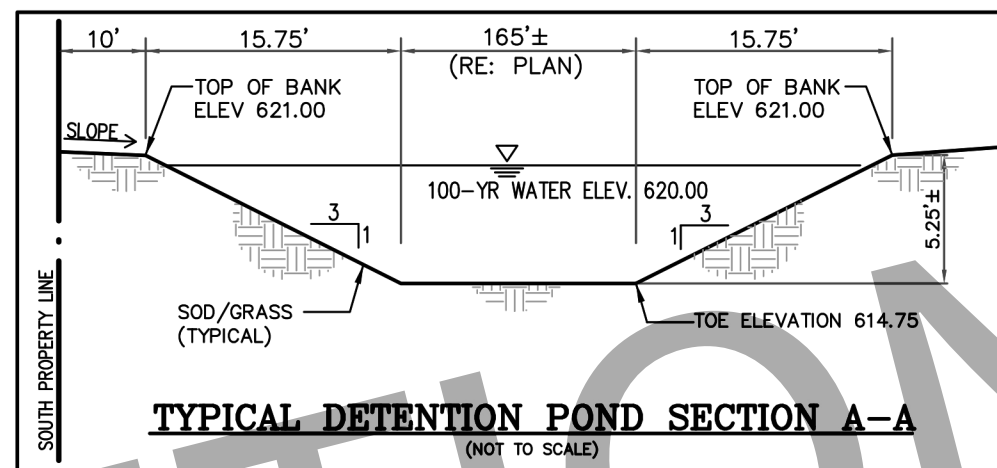
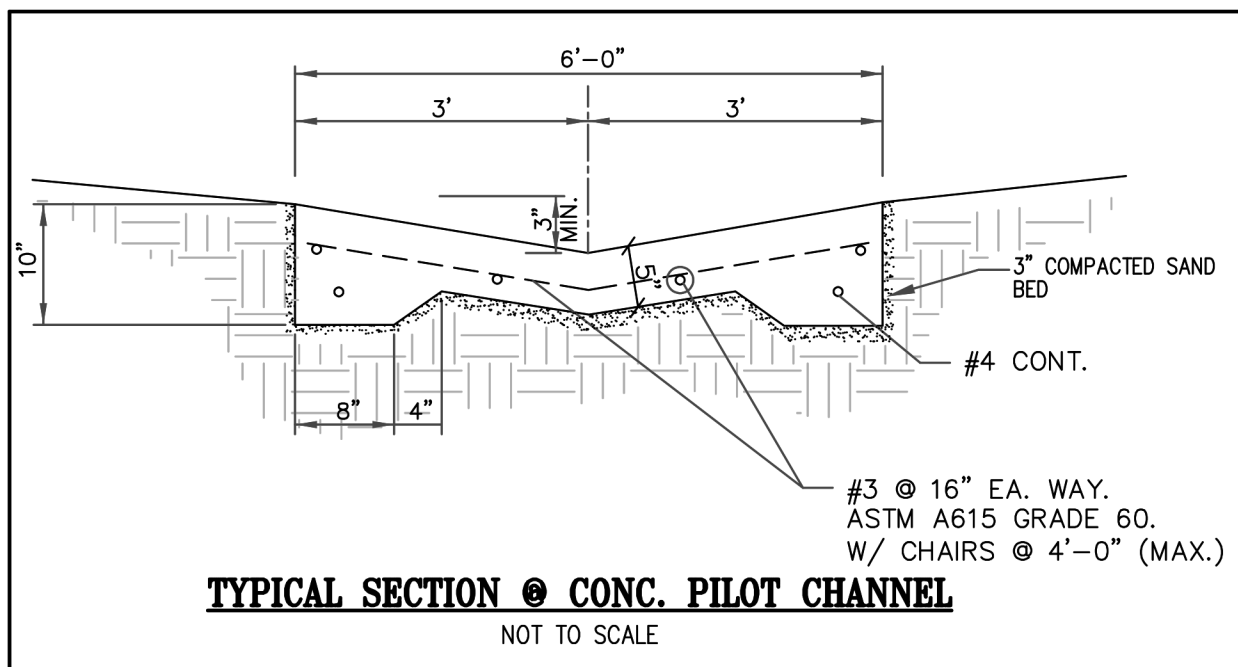
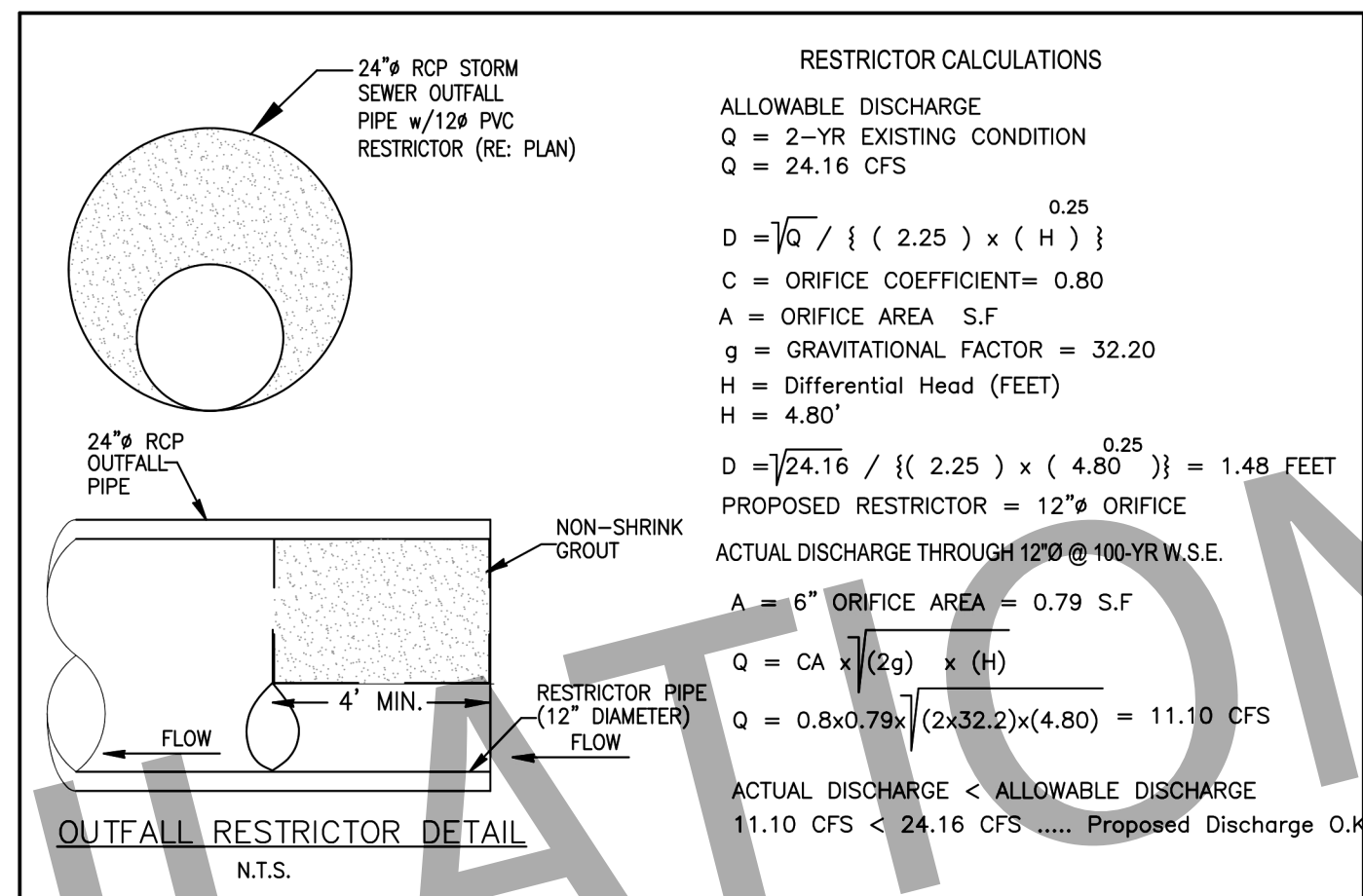


100-Yr Required Detention Analysis			
Small Watershed Method of Hydrograph Development			
Method by H.R. Malcom			
V	Excess Runoff volume (inches)	9.21	inches
A	Total Area contributing to runoff (acres)	23.98	acres
Qp	Peak Developed Discharge (cfs)	154.91	cfs
Tincr	Time Increment (minutes)	5	minutes
Qun	Peak Undeveloped Discharge (cfs)	54.00	cfs
Tp	Time to Peak	=	3599 seconds
Volume	Required Storage Volume	=	11.75 acre-ft



ON-SITE DETENTION POND STORAGE VOLUME						
Elevation	Depth	Surface Area	Volume	Accumulated Volume	100-Yr Accumulated Storage	Percentage of total volume
ft	ft	Sq-ft	Cub. Ft.	Cub. Ft.	AC-Ft	%
Proposed 100-Yr Water Surface Elevation						
620	1	111200	108948	522712	12.00	100
619	1	106695	104472	413765	9.50	79
618	1	102248	100052	309293	7.10	59
617	1	97855	95688	209242	4.80	40
616	1	93520	91385	113554	2.61	22
615.00	0.25	89250	22169	22169	0.51	4
Proposed Toe of Pond						
614.75	0	88105	0	0	0.00	0

DETENTION CALCULATIONS	
OVERALL SITE AREA	= 1,044,570 S.F. (23.98 AC.)
FINAL IMPERVIOUS AREA	= 519,670 C.F. (11.93 AC-FT)
DETENTION REQUIRED (RE: 100-YR HYDROGRAPH ON THIS SHEET)	= 511,626 C.F. (11.75 AC-FT)
DETENTION PROVIDED IN PROPOSED DETENTION POND (RE: STAGE STORAGE CALCULATIONS ON THIS SHEET)	= 522,712 C.F. (12.00 AC-FT)
NET DETENTION PROVIDED	= 522,712 C.F. (12.00 AC-FT) ≥ 11.75 AC-FT



PROJECT:		10 HILLSBORO COUNTY INC										DESIGN STORM =		ATLAS 14		10-YR 100-YR		73.989 112.70		b=		d=		e=		0.7825 0.775		I = b/(d+TC)/e		Tc = 10xA*(0.1761) + 15		Q = C x I x A		FL =Flowline		HG= Hydraulic Gradient		Hazen Williams Formula:		h _L = 4.72LQ ^{1.85} /C ^{1.85} D ^{4.87}		UP=Upstream		G=Gutter		R=Top of Rim		Actual Velocity (ft/s)		HG		Change in Head (ft)		h _L (ft)		Elev. of HG UP (ft)		Elev. of HG DS (ft)		Top of Grate (ft)		Diff. (ft)		Elev. (ft)		Diff. (ft)		HGL-Gutter (ft)	
MH FROM	MH TO	AREA (ACRES)	TOTAL AREA (ACRES)	RUNOFF COEFF. C	SUM OF C * A	TC (MIN)	INTENSITY I (IN/HR)	INTENSITY I (IN/HR)	SUM OF FLOWS (CFS)	SUM OF FLOWS (CFS)	REACH LENGTH (FT)	DIAM OR RISE (IN)	Slope %	Manning's "n"	Design Capacity (CFS)	Design Velocity (ft/s)	Fall (FT)	FL Elev. UP (FT)	FL Elev. DS (FT)	Actual Velocity (ft/s)	HG %	Change in Head 100 YR	Change in Head 100 YR	h _L 100 YR	Elev. 100 YR	Elev. of HG DS 100 YR	Elev. of HG DS 100 YR	Top of Grate (ft)	Diff. (ft)	Elev. (ft)	Diff. (ft)	HGL-Gutter (ft)	Elev. (ft)	Diff. (ft)	HGL-Gutter (ft)																																		
CB-1	CB-2	0.88	0.88	0.80	0.71	24.78	4.53	6.93	3.20	4.89	208	18	0.20	0.011	5.67	3.15	0.42	624.75	624.33	2.77	0.15	0.32	0.18	0.28	626.51	626.23	632.30	6.07	632.50	-5.99																																							
CB-2	CB-3	0.56	1.45	0.80	1.16	25.67	4.44	6.80	5.14	7.86	194	24	0.13	0.011	9.67	3.08	0.25	624.33	624.08	2.50	0.09	0.17	0.15	0.28	626.51	626.08	632.45	6.37	632.50	-6.47																																							
CB-3	CB-4	0.56	2.01	0.80	1.61	26.31	4.38	6.71	7.04	10.78	194	24	0.20	0.011	11.99	3.82	0.39	624.08	623.69	3.43	0.16	0.31	0.27	0.28	626.13	625.86	632.45	6.59	632.70	-6.57																																							
CB-4	CB-5	0.56	2.57	0.80	2.06	26.81	4.34	6.64	8.92	13.66	250	24	0.30	0.011	14.68	4.67	0.75	623.69	622.94	4.35	0.26	0.65	0.54	0.26	626.41	625.86	632.45	6.59	632.70	-6.29																																							
CB-5	CB-6	0.80	3.17	0.80	2.54	27.26	4.30	6.58	10.91	16.71	215	30	0.12	0.011	16.84	3.43	0.26	622.94	622.68	3.40	0.12	0.25	0.23	0.25	625.86	625.63	630.45	4.82	630.70	-4.84																																							
CB-6	CB-7	0.92	4.09	0.80	3.27	27.81	4.25	6.51	13.90	21.30	124	30	0.20	0.011	21.74	4.43	0.25	622.68	622.44	4.34	0.19	0.24	0.21	0.25	625.63	625.42	628.00	2.58	628.80	-3.17																																							
CB-7	CB-8	0.57	4.66	0.80	3.73	28.11	4.22	6.47	15.74	24.13	78	36	0.10	0.011	24.99	3.54	0.08	622.44	622.36	3.41	0.09	0.07	0.07	0.25	625.42	625.36	631.00	5.64	631.15	-5.73																																							
CB-8	CB-9	0.27	4.93	0.80	3.94	28.24	4.21	6.46	16.59	25.44	98	36	0.11	0.011	26.21	3.71	0.11	622.36	622.25	3.60	0.10	0.10	0.09	0.25	625.34	625.25	631.10	5.85	631.25	-5.91																																							
CB-9	CB-16	0.59	5.52	0.80	4.41	28.51	4.19	6.42	18.49	28.35	142	36	0.13	0.011	28.50	4.03	0.18	622.25	622.07	4.01	0.13	0.18	0.17	0.25	625.23	625.07	631.10	6.04	631.25	-6.02																																							
CB-10	CB-11	1.29	1.29	0.80	1.03	25.46	4.46	6.83	4.60	7.04	201	24	0.13	0.011	9.67	3.08	0.26	623.73	623.47	2.24	0.07	0.14	0.13	0.25	625.59	625.47	632.30	6.83	632.70	-7.11																																							
CB-11	CB-12	0.80	1.89	0.80	1.51	26.19	4.39	6.73	6.65	10.19	124	24	0.20	0.011	11.99	3.82	0.25	623.47	623.22	3.24	0.14	0.18	0.16	0.28	625.37	625.22	633.50	8.28	633.90	-8.53																																							
CB-12	CB-13	0.67	2.56	0.80	2.05	26.80	4.34	6.64	8.89	13.62	131	24	0.26	0.011	13.67	4.35	0.34	623.22	622.88	4.34	0.26	0.34	0.28	0.26	625.16	624.88	633.50	8.62	633.90	-8.74																																							
CB-13	CB-14	0.82	3.38	0.80	2.71	27.40	4.28	6.56	11.60	17.78	138	30	0.14	0.011	18.19	3.70	0.19	622.88	622.68	3.62	0.13	0.18	0.17	0.25	625.35	625.18	632.00	6.82	632.40	-7.05																																							
CB-14	CB-15	0.90	4.29	0.80	3.43	27.92	4.24	6.50	14.54	22.29	138	30	0.24	0.011	23.81	4.85	0.33	622.68	622.35	4.54	0.21	0.29	0.25	0.25	625.10	624.85	630.75	5.90	631.15	-6.05																																							
CB-15	CB-16	0.81	5.09	0.80	4.08	28.32	4.20	6.45	17.13	26.27	96	30	0.30	0.011	26.62	5.42	0.29	622.35	622.07	5.35	0.29	0.28	0.24	0.24	624.80	624.57	629.00	4.44	629.25	-4.45																																							
CB-16	CB-17	0.43	11.04	0.80	8.83	30.26	4.05	6.21	35.75	54.88	42	36	0.50	0.011	55.89	7.91	0.21	622.07	621.86	7.76	0.48	0.20	0.17	0.25	625.02	624.86	627.15	2.30	627.40	-2.38																																							
CB-17	CB-18	0.39	11.43	0.80	9.14	30.36	4.04	6.20	36.94	56.71	52	36	0.50	0.011	55.89	7.91	0.26	621.86	621.60	8.02	0.51	0.27	0.22	0.24	624.81	624.60	629.60	5.01	630.10	-5.29																																							
CB-18	CB-19	0.00	11.43	0.80	9.14	30.36	4.04	6.20	36.94	56.71	161	36	0.50	0.011	55.89	7.91	0.81	621.60	620.79	8.02	0.51	0.83	0.68	0.24	624.47	623.79	631.00	7.21	631.10	-6.63																																							
CB-19	CB-20	0.43	11.86	0.80	9.48	30.46	4.03	6.19	38.25	58.73	104	36	0.50	0.011	55.89	7.91	0.52	620.79	620.27	8.31	0.55	0.57	0.47	0.24	623.74	623.27	632.40	9.13	633.10	-9.36																																							
CB-20	CB-22	0.51	12.36	0.80	9.89	30.57	4.02	6.18	39.80	61.11	48	36	0.50	0.011	55.89	7.91	0.24	620.27	620.03	8.65	0.60	0.29	0.23	0.23	623.26	623.03	632.90	9.87	633.15	-9.89																																							
CB-21	CB-22	0.29	0.29	0.80	0.23	23.04	4.71	7.19	1.09	1.66	105	12	0.32	0.011	2.39	3.04	0.34	628.34	628.00	2.12	0.15	0.16	0.14	0.24	629.14	629.00	631.30	2.30	631.70	-2.56																																							
CB-22	CB-23	0.16	12.81	0.80	10.25	30.67	4.02	6.17	41.17	63.22	150	36	0.50	0.011	55.89	7.91	0.75	620.03	619.28	8.94	0.64	0.96	0.77	0.24	623.05	622.28	633.00	10.72	633.25	-10.20																																							
CB-23	CB-24	0.24	13.05	0.80	10.44	30.72	4.01	6.16	41.89	64.32	102	36	0.50	0.011	55.89	7.91	0.51	619.28	618.77	9.10	0.66	0.68	0.54	0.23	622.31	621.77	633.35	11.58	633.60	-11.29																																							
CB-24	CB-28	0.86	13.91	0.80	11.13	30.90	4.00	6.14	44.50	68.34	82	36	0.50	0.011	55.89	7.91	0.41	618.77	618.36	9.67	0.75	0.61	0.49	0.23	621.85	621.36	633.00	11.64	633.75	-11.90																																							
CB-25	CB-26	0.15	0.15	0.80	0.12	22.19	4.81	7.33	0.59	0.90	106	12	0.32	0.011	2.39	3.04	0.34	625.94	625.60	1.15	0.05	0.05	0.04	0.24	626.64	626.60	629.70	3.10	629.85	-3.21																																							
CB-26	CB-27	0.40	0.55	0.80	0.44	24.01	4.61	7.04	2.05	3.13	149	15	0.25	0.011	3.83	3.12	0.37	625.60	625.22	2.55	0.17	0.25	0.21	0.26	626.68	626.47	632.20	5.73	632.50	-5.82																																							
CB-27	CB-28	0.50	1.06	0.80	0.84	25.10	4.50	6.88	3.80	5.81	102	18	0.22	0.011	5.84	3.30	0.22	625.22	625.00	3.29	0.22	0.22	0.19	0.26	626.69	626.50	633.00	6.50	633.60	-6.91																																							
CB-28	CB-29	0.12	15.09	0.80	12.07	31.13	3.98	6.12	48.06	73.82	136	36	0.50	0.011	55.89	7.91	0.68	618.36	617.68	10.44	0.87	1.19	0.93	0.21	621.61	620.68	633.15	12.47	633.30	-11.69																																							
CB-29	POND	0.22	15.31	0.80	12.24	31.17	3.98	6.11	48.72	74.84	46	36	0.50	0.011	55.89	7.91	0.23	617.68	617.45	10.59	0.90	0.41	0.32	0.20	620.77	620.45	628.30	7.85	628.50	-7.73																																							
CB-30	CB-31	0.36	0.36	0.80	0.29	23.37	4.67	7.14	1.36	2.08	123	12	0.32	0.011	2.39	3.04	0.39	617.27	616.88	2.65	0.24	0.30	0.24	0.24	618.12	617.88	623.40	5.52	623.90	-5.78																																							
CB-31	CB-33	0.20	0.56	0.80	0.45	24.03	4.61	7.04	2.07	3.16	54	15	0.25	0.011	3.83	3.12	0.14	616.88	616.74	2.57	0.17	0.09	0.08	0.16	618.07	617.99	624.15	6.16	624.60	-6.53																																							
CB-32	CB-33	2.32	2.32	0.80	1.86	26.60	4.36	6.67	8.09	12.39	144	24	0.22	0.011	12.57	4.00	0.32	617.06	616.74	3.94	0.21	0.31	0.26	0.19	619.00	618.74	625.00	6.26	626.00	-7.00																																							
CB-33	CB-34	0.17	3.06	0.80	2.45	27.17	4.30	6.59	10.53	16.13	158	30	0.12	0.011	16.84	3.43	0.19	616.74	616.55	3.29	0.11	0.17	0.16	0.19	619.21	619.05	624.50	5.45	624.60	-5.39																																							
CB-34	POND	0.06	3.12	0.80	2.50	27.22	4.30	6.59	10.73	16.44	44	30	0.12	0.011	16.84	3.43	0.05	616.55	616.50	3.35	0.11	0.05	0.05	0.19	619.05	619.00	624.60	5.60	625.10	-6.05																																							
CB-35	CB-36	0.39	0.39	0.80	0.31	23.45	4.67	7.13	1.44	2.20	34	12	0.32	0.011	2.39	3.04	0.11	616.93	616.82	2.80	0.27	0.09	0.07	0.17	618.90	617.82	625.55	7.73	625.75	-7.85																																							
CB-36	CB-37	0.69	1.08	0.80	0.86	25.13	4.49	6.88	3.87	5.92	60	18	0.23	0.011	5.97	3.38	0.14	616.82	616.69	3.35	0.23	0.14	0.11	0.17	618.90	618.19	625.55	7.36	625.75	-7.45																																							
CB-37	CB-38	0.24	1.32	0.80	1.05	25.50	4.46	6.82	4.70	7.19	97	24	0.13	0.011	9.67	3.08	0.13	616.69	616.56	2.29	0.07	0.07	0.06	0.18	618.62	618.56	625.30	6.74	625.60	-6.98																																							
CB-38	POND	0.20	1.51	0.80	1.21	25.76	4.43	6.79	5.37	8.22	46	24	0.13	0.011	9.67	3.08	0.06	616.56	616.50	2.62	0.09	0.04	0.04	0.18	618.54	618.50	624.80	6.30	625.00	-6.46																																							
POND	JB-1	4.34	4.34	0.80	3.48	27.95	4.24	6.49	14.72	22.57	63	24	0.20	0.011	11.99	3.82	0.12	614.75	614.64	7.18	0.71	0.45	0.35	0.16	619.99	616.64	621.00	4.36	620.00	-3.01																																							