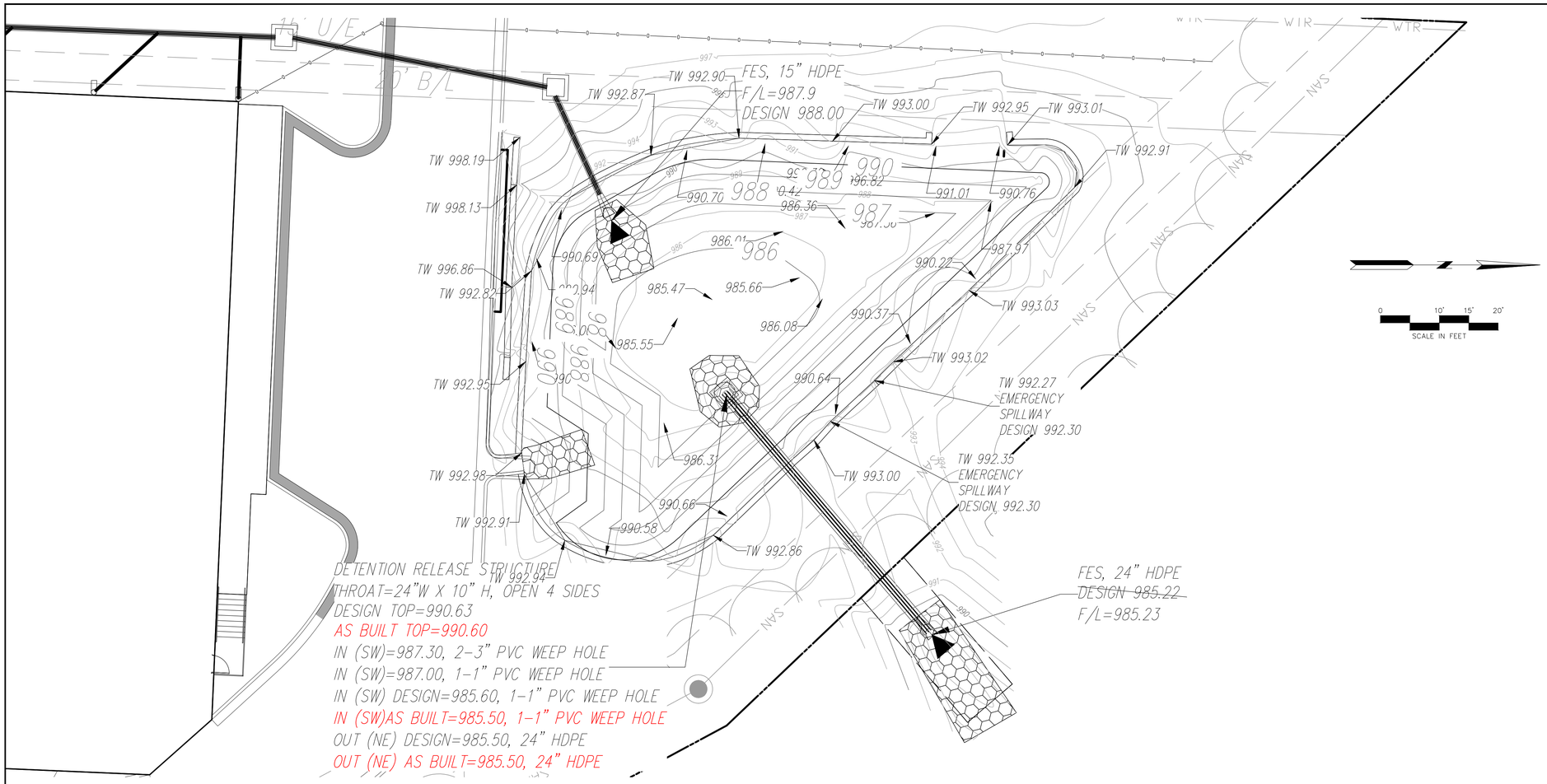
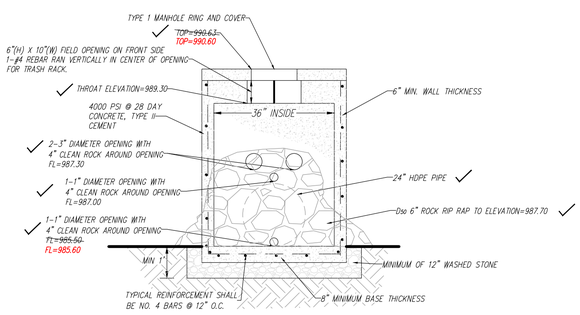
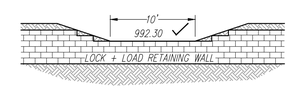


962 AS BUILT 1' CONTOURS
960 AS BUILT 5' CONTOURS
962 DESIGN 1' CONTOURS
960 DESIGN 5' CONTOURS



DETENTION RELEASE STRUCTURE
NTS



EMERGENCY SPILLWAY DETAIL
NTS

TC	Top of Curb
FG	Finish Grade
G	Gutter Elevation
HP	High Point
LP	Low Point
FFE	Finish Floor Elevation
TG	Top of Grade (Retaining Wall)
BG	Bottom of Grade (Retaining Wall)
FES	Flared End Section

PROJECT BENCHMARK:

#1 Top of Sanitary Manhole lid at south side of site on SE Broadway cul-de-sac.
N: 992422.0300
E: 2829012.5430
TOP ELEV. 1001.50

Detention Pond Design Volume:

Elevation (feet)	Surf.Area (sq-ft)	Cum.Store (cubic-feet)
985.500	1.50	0
986.000	1,148.80	287.58
987.000	1,759.34	1443.27
988.000	2,253.05	3747.84
989.000	2,800.89	6274.81
990.000	3,400.19	9375.35
991.000	4,050.51	13100.70

Detention Pond As Built Volume:

Elevation (feet)	Surf.Area (sq-ft)	Cum.Store (cubic-feet)
985.50	1.50	0
986.00	675	168
987.00	1259	1136
988.00	1829	2680
989.00	2503	4846
990.00	3153	7674
991.00	3901	11501
991.80	4266	14068

AS BUILT

12/13/19

DATE	REVISION	NO.	BY	CK/APP
3/28/19	Revised per city comments dated 1/30/19	1	EDH	RKS
4/24/19	Revised per city comments dated 4/8/19	1	EDH	RKS
12/10/19	Construction revisions	4	EDH	RKS

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STATE OF MISSOURI
R. KEVIN STERRETT
NUMBER E-26440
REGISTERED PROFESSIONAL ENGINEER

12/13/19

R. KEVIN STERRETT | MO E-26440

Consult Inc engineers planners
CORPORATE LICENSE No. E2010005873

DETENTION POND
AS-BUILT

HIGH TECH SOLUTIONS
LEE'S SUMMIT - JACKSON COUNTY - MISSOURI

X-REF NO.
18130B
DRAWING NO.
18063
DATE
OCTOBER 12, 2018
JOB NO.
18063