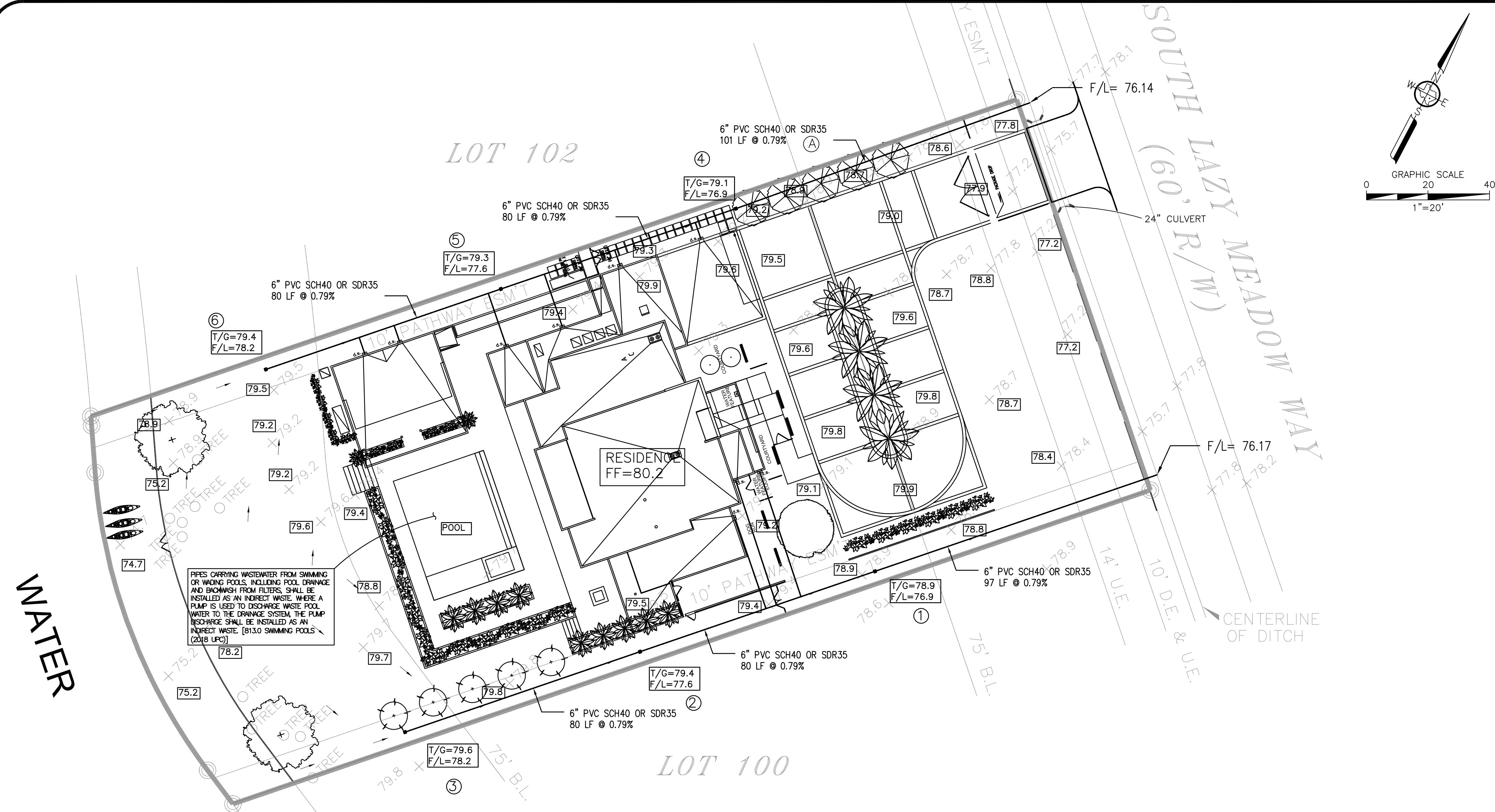
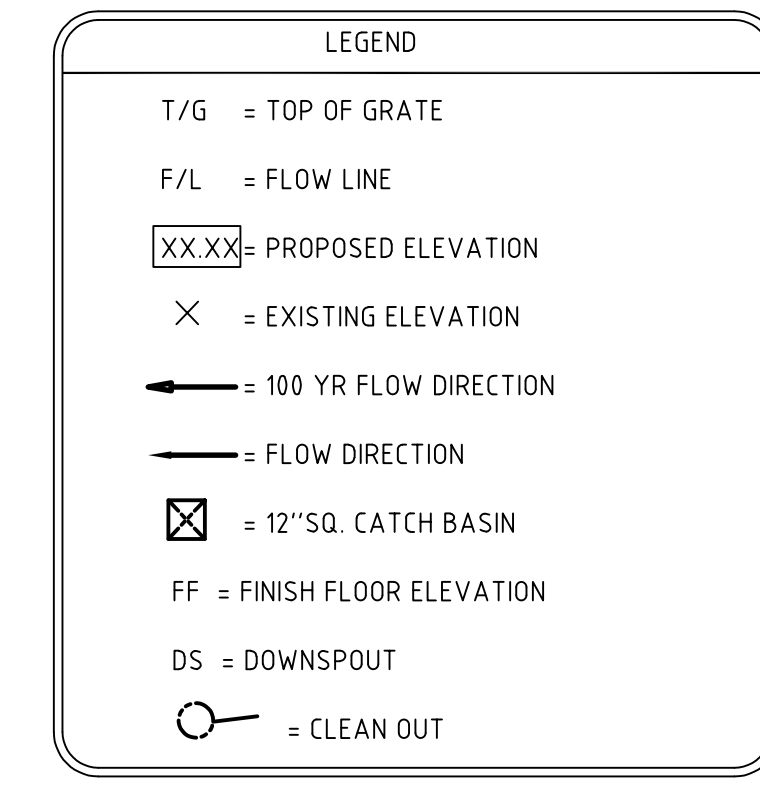


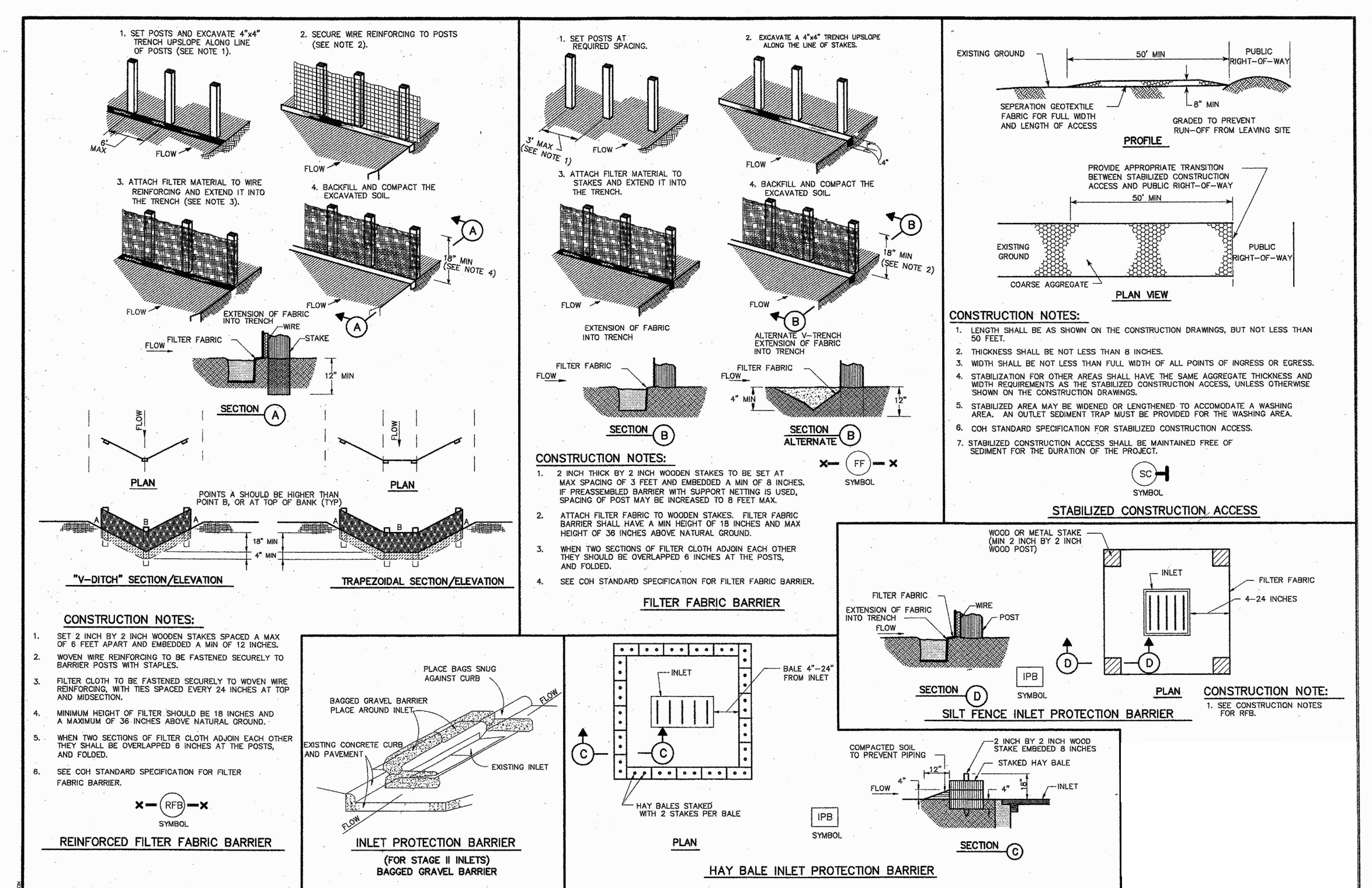
11/2022/1039 - ICONSTRUCTX Design + Build/0001 - 27539 South Lazy Meadow Way/Civil Residential/DWG/GS/22-1039-0001-27539 SOUTH LAZY MEADOW WAY-CIVIL-REV 02/20/22



Total Site	42,688 sq. ft.	0.98 Acres
Proposed Impervious Cover		
Building / Garage	8,015 sq. ft.	
Driveway/Parking Lot	6,358 sq. ft.	
Sidewalk / Patio	4,588 sq. ft.	
Total Proposed Impervious Cover	18,961 sq. ft.	0.44 Acres
A₁₁ = Impervious Cover	18,961 sq. ft.	0.44 Acres
Percent Impervious Cover	44.42%	

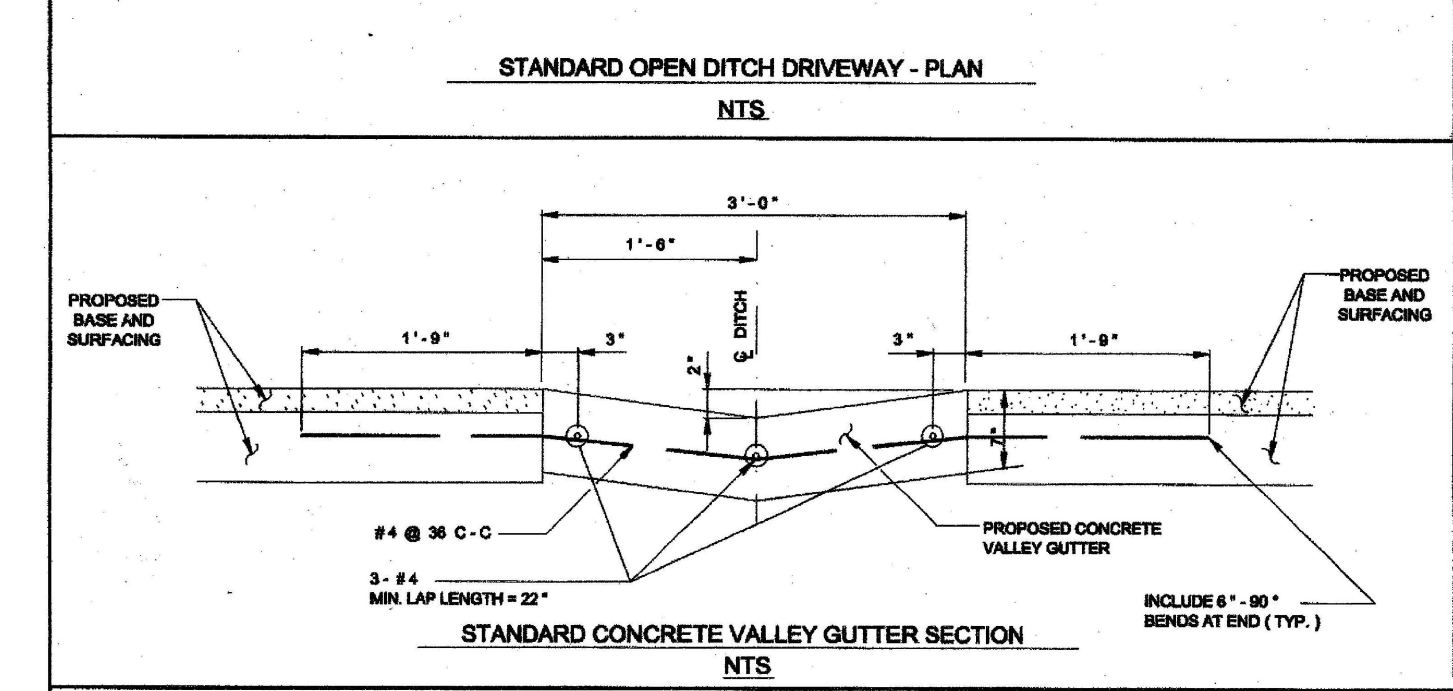
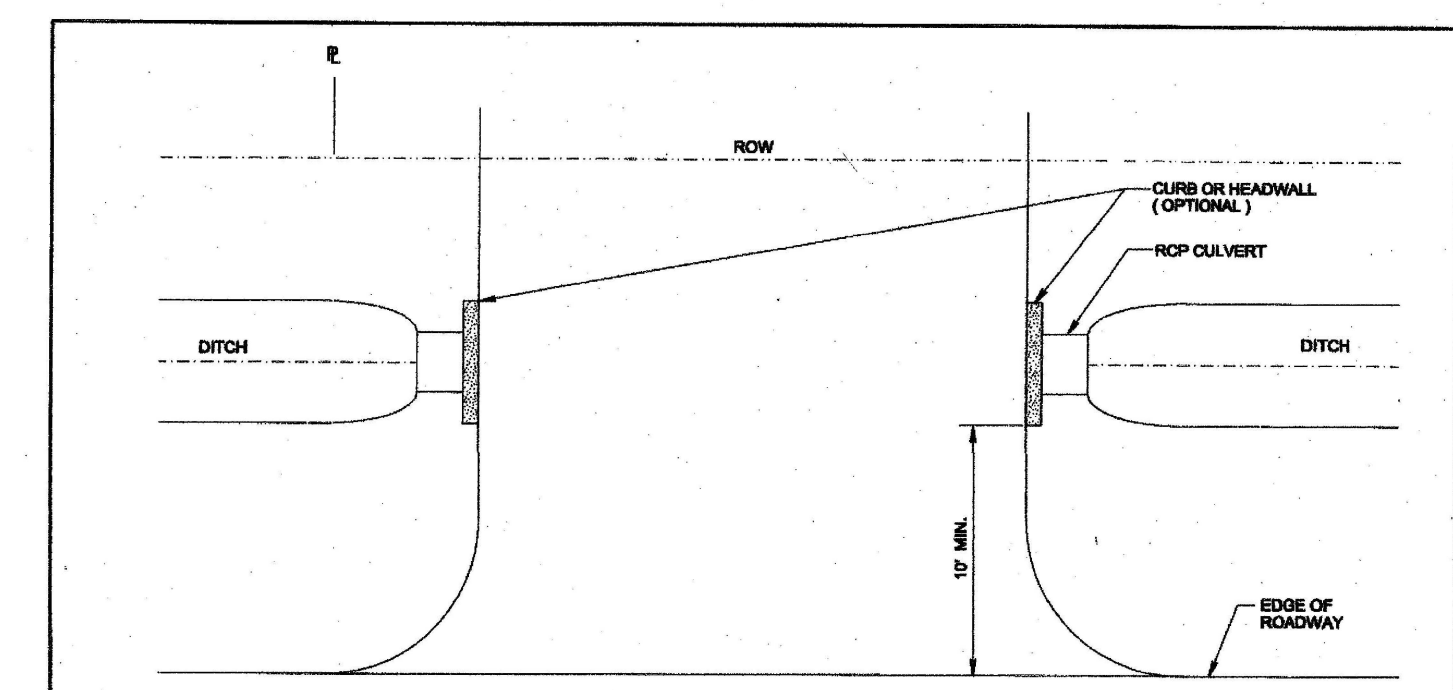


SCALE: 1"=20' ON 24X36



ELEVATION INFORMATION	
BM:	
TBM:	PK NAIL SET IN PAVEMENT WITH AN ELEV=18124"
BASE FLOOD INFORMATION:	
SUBJECT PROPERTY SCALES IN ZONE "X-UNSHADED"	
AS PER FEMA MAP PANEL # 48201C0360 G	
EFFECTIVE ON DATE 08/18/2014.	
(IN A.V.D. 1988, 2001 ADJUSTMENT)	

Inlet From	Inlet To	Area No.	Reach Length (ft)	Diameter or Rise (inches)	Slope (%)	Design Capacity (cfs)	Design Velocity (ft/s)	Flowline Elevation Upstream (ft)	Flowline Elevation Downstream (ft)
6	5	6	80.00	6	0.79	0.59	3.00	78.20	77.57
5	4	5	80.00	6	0.79	0.59	3.00	77.57	76.94
4	OUT	4	101.00	6	0.79	0.59	3.00	76.94	76.14
3	2	3	80.00	6	0.79	0.59	3.00	78.20	77.57
2	1	2	80.00	6	0.79	0.59	3.00	77.57	76.94
1	OUT	1	97.00	6	0.79	0.59	3.00	76.94	76.17



- REINFORCED CONCRETE PIPE (RCP) CULVERTS AND CONCRETE VALLEY GUTTER GRADES SHALL BE SET BY CITY ENGINEER. PROFILE SHOWING THE PROPOSED AND EXISTING DITCH FLOWLINE WILL BE REQUIRED WHERE CONCRETE VALLEY GUTTERS ARE TO BE CONSTRUCTED IN LIEU OF CULVERTS.
- CULVERT SIZE WILL BE APPROVED BY CITY ENGINEER WITH 24" DIAMETER MINIMUM.
- SPACING OF TYPE "D" OR "D-1" INLETS SHALL BE DETERMINED BY CITY ENGINEER. SEE DRAWING NO. 02832-07 FOR TYPE "D" OR DRAWING NO. 02832-08 FOR TYPE "D-1".
- DRIVEWAY MAY BE CONCRETE, ASPHALT OR ANY OTHER MATERIAL WHICH WILL NOT PERMIT WIND OR WATERBORNE EROSION.
- A 3'-FOOT CONCRETE VALLEY GUTTER SECTION SHALL BE CONSTRUCTED THROUGHOUT THE PROPOSED DRIVEWAY WHERE THE CITY ENGINEER DETERMINES THE INSTALLATION OF DITCH CULVERTS TO BE IMPRACTICAL DUE TO INSUFFICIENT DEPTH. THE VALLEY GUTTER SECTION WILL BE CONSTRUCTED OF 6-1/2" SACK CEMENT PER CUBIC YARD OF CONCRETE.

BEC ENGINEERS AND CONSULTANTS, LLC
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NO.	DATE	ISSUES/REVISIONS
0	11/30/2022	ISSUED FOR PERMIT

ICONSTRUCTX REFUGE DESIGN STUDIO

27539 SOUTH LAZY MEADOW WAY SPRING, TX, 77386

REF # 22-1039-0001

DRN:	RA	CHK:	CRB	DES:	FA
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DRAINAGE PLAN

SHEET NO.

C1.0