

PLANS FOR THE CONSTRUCTION OF  
**CIVIL SITE WORK IMPROVEMENTS**

FOR

**VITRUVIAN WEST 2**

*Lot 2, Block D, Vitruvian Park Addition*

*3725 Vitruvian Way*

*Addison, Texas*

**OWNER/DEVELOPER:**

UDR  
 3875 PONTE AVE., SUITE 400  
 ADDISON, TEXAS 75001  
 PH: (972) 774-0552

CONTACT: BRIAN RICHARDSON  
 EMAIL: BRRICHARDSON@UDR.COM

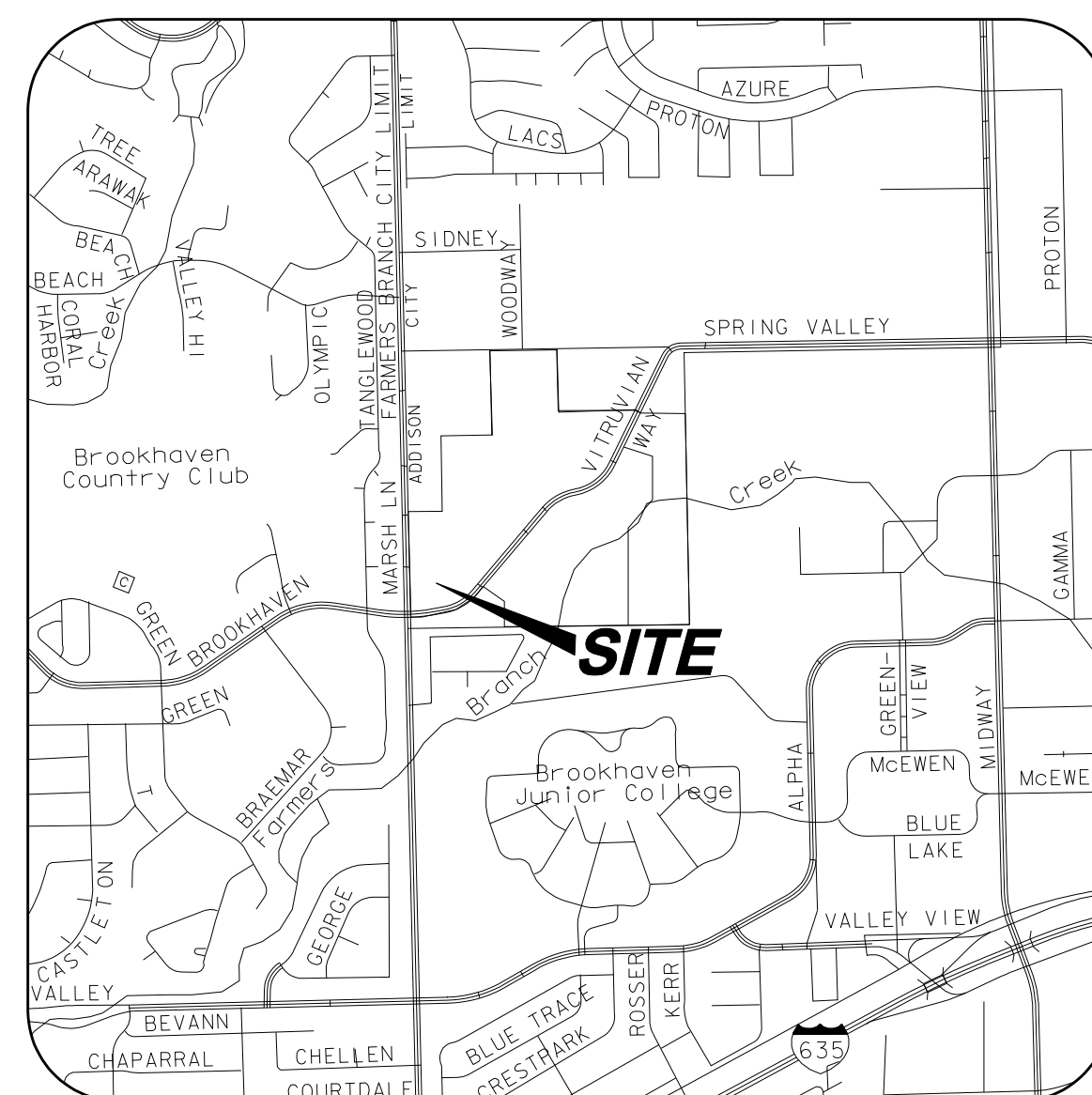
**CIVIL ENGINEER:**

ICON CONSULTING ENGINEERS, INC.  
 2840 W. SOUTHLAKE BLVD., SUITE 110  
 SOUTHLAKE, TEXAS 76092  
 PH: (817) 552-6210

CONTACT: BRUCE F. DUNNE, P.E.  
 EMAIL: BDUNNE@CON-ENGINEERS.COM

**SURVEYOR:**

KADLECK & ASSOCIATES,  
 A DIVISION OF WESTWOOD  
 2740 NORTH DALLAS PKWY., SUITE 280  
 PLANO, TEXAS, 75093  
 PH: (214) 473-4640  
 CONTACT: LYNN KADLECK, R.P.L.S.  
 EMAIL: LYNN.KADLECK@WESTWOODPS.COM



**VICINITY MAP**

NOT TO SCALE  
 (MAPSCO GRID 13 & 14)



**INDEX OF DRAWINGS**

1	CS	COVER SHEET
2	FP1	FINAL PLAT SHEET 1 of 2
3	FP2	FINAL PLAT SHEET 2 of 2
4	C1.00	GENERAL CONSTRUCTION NOTES, LEGEND & ABBREVIATIONS
5	C1.01	DEMOLITION PLAN - CENTER
6	C1.02	DEMOLITION PLAN - SOUTH
7	C1.03	DEMOLITION PLAN - NORTH
8	C2.00	OVERALL LAYOUT & PROJECT CONTROL
9	C2.01	LAYOUT & DIMENSIONAL CONTROL PLAN - CENTER
10	C2.02	LAYOUT & DIMENSIONAL CONTROL PLAN - SOUTH
11	C2.03	LAYOUT & DIMENSIONAL CONTROL PLAN - NORTH
12	C3.01	GRADING PLAN - CENTER
13	C3.02	GRADING PLAN - SOUTH
14	C3.03	GRADING PLAN - NORTH
15	C4.00E	STORM DRAIN CALCULATIONS - PREDEVELOPMENT
16	C4.00P	STORM DRAIN CALCULATIONS - POSTDEVELOPMENT
17	C4.01	STORM DRAIN PLAN - CENTER
18	C4.02	STORM DRAIN PLAN - SOUTH
19	C4.04	STORM DRAIN PROFILES
20	C4.05	STORM DRAIN PROFILES
21	C4.06	PRIVATE STORM DRAIN DETAILS
22	C5.01	UTILITY PLAN - CENTER
23	C5.02	UTILITY PLAN - SOUTH
24	C6.01	PAVING PLAN - CENTER
25	C6.02	PAVING PLAN - SOUTH
26	C6.03	PAVING PLAN - NORTH
27	C6.04	PRIVATE PAVING DETAILS
28	C7.01	EROSION & SEDIMENT CONTROL PLAN
29	C7.02	EROSION & SEDIMENT CONTROL DETAILS
30	C7.03	EROSION & SEDIMENT CONTROL DETAILS

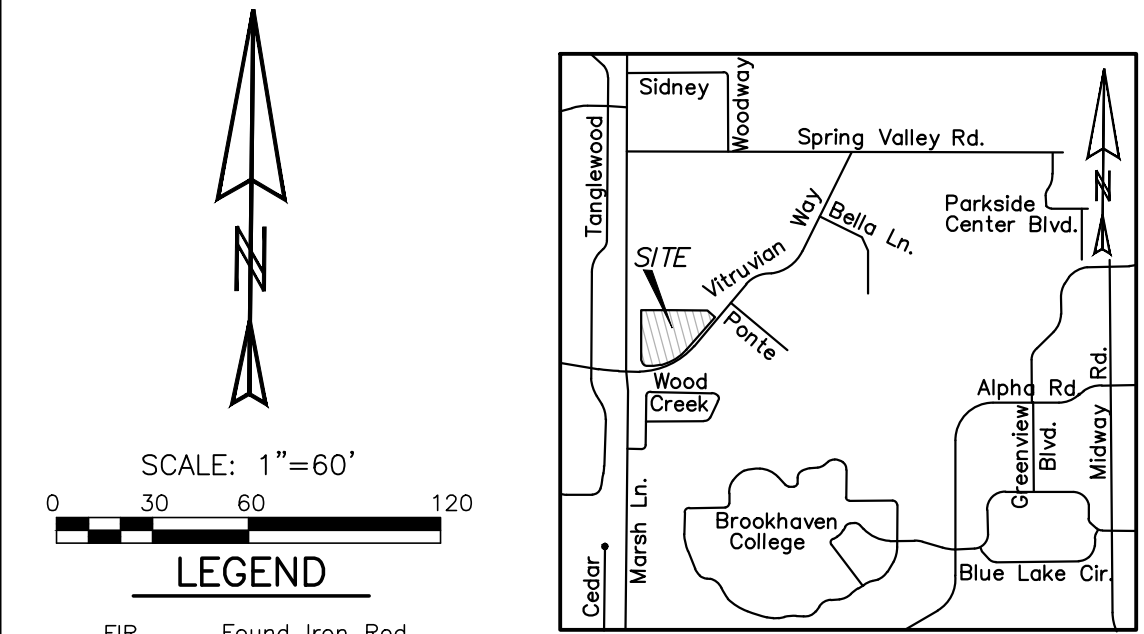
**icon** Consulting Engineers, Inc.  
 Civil Engineers- Designers- Planners  
 ENGINEERING FIRM REGISTRATION NUMBER F-9007

**NOVEMBER 17, 2020 - AS-BUILT / RECORD DRAWINGS**

THE PROPERTY OWNER IS LIABLE TO RESTORE/REPLACE ANY  
 DAMAGED CITY APPROVED/CONTROLLED INFRASTRUCTURE  
 IN THE PUBLIC RIGHT OF WAY.







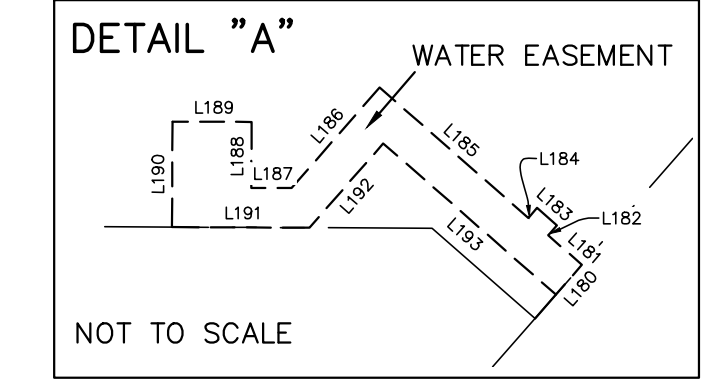
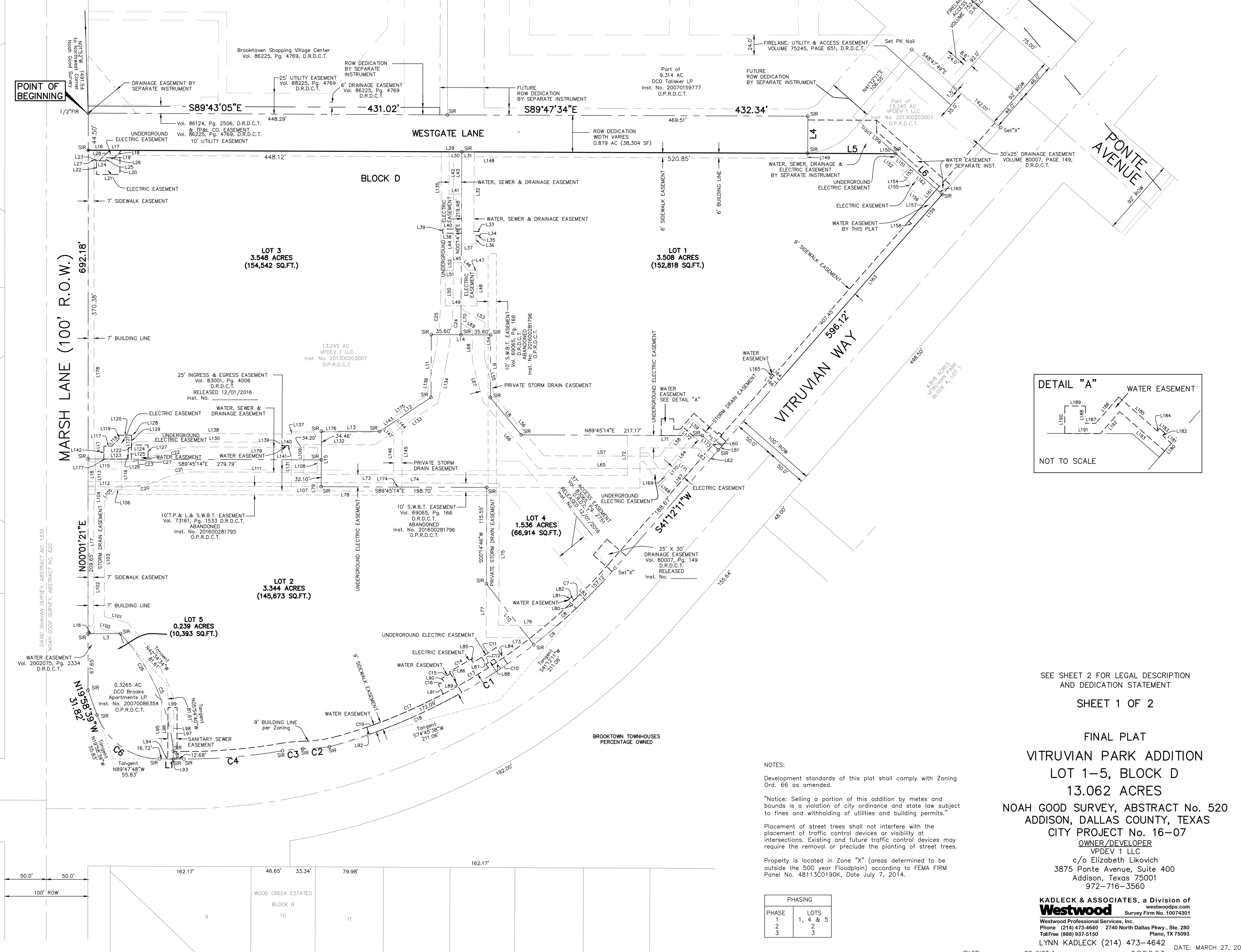
SCALE: 1"=60'  
LEGEND  
FIR Found Iron Rod  
SIR Set 5/8" Iron Rod with a plastic cap stamped "KADLECK NO. 3952"

CURVE #	DELTA	RADIUS	CHORD BEARING	CHORD LENGTH	ARC LENGTH
C7	00°48'57"	691.00'	N45°52'52"E	9.84'	9.84'
C8	00°22'23"	700.00'	N47°56'45"E	30.42'	30.42'
C9	00°15'42"	700.00'	S50°08'38"W	23.29'	23.29'
C10	00°49'07"	700.00'	N55°46'57"E	10.00'	10.00'
C11	00°24'01"	676.00'	N56°46'24"E	33.04'	33.04'
C12	00°57'08"	689.15'	N56°41'12"E	11.45'	11.45'
C13	00°31'14"	691.00'	N58°55'46"E	42.45'	42.46'
C14	00°23'43"	671.00'	N59°26'40"E	30.00'	30.00'
C15	02°32'18"	261.30'	S31°48'56"E	106.22'	106.93'
C16	00°37'17"	678.00'	S62°02'15"W	7.35'	7.35'
C17	00°29'40"	691.00'	S66°05'43"W	90.32'	90.38'
C18	00°58'51"	700.00'	N65°39'53"E	121.78'	121.94'
C19	00°50'06"	677.01'	S70°54'31"W	9.87'	9.87'
C20	02°37'38"	127.00'	S78°30'57"E	51.64'	52.00'
C21	02°37'38"	97.00'	S78°30'57"E	39.44'	39.72'
C22	02°37'38"	127.00'	S78°30'57"E	51.64'	52.00'
C23	02°37'38"	97.00'	N78°30'57"E	39.44'	39.72'
C24	01°15'01"	407.50'	S05°52'16"W	79.89'	80.01'
C25	01°15'01"	392.50'	N05°52'16"E	76.95'	77.07'
C26	02°15'21"	246.30'	N31°38'24"W	93.45'	94.02'
C27	01°20'28"	97.00'	N77°22'00"E	20.52'	20.55'

EASEMENT LINE TABLE	EASEMENT LINE TABLE	EASEMENT LINE TABLE						
LINE #	LENGTH	BEARING	LINE #	LENGTH	BEARING	LINE #	LENGTH	BEARING
L16	7.00	N89°58'39"W	L73	386.33	S89°45'14"E	L135	172.54	N00°14'46"E
L16	25.78	S89°45'14"E	L74	218.70	S89°45'14"E	L136	43.84	N11°29'47"E
L17	199.20	N00°01'21"E	L75	170.25	S00°14'46"W	L137	2.50	N00°14'46"E
L17	14.14	S89°45'14"E	L76	70.29	S89°45'14"E	L138	186.56	S89°45'14"E
L18	12.73	S45°14'46"W	L77	175.25	N00°14'46"E	L139	2.17	N00°14'46"E
L18	12.73	S45°14'46"W	L78	203.70	N89°45'14"W	L140	5.00	S89°45'14"E
L19	7.18	S89°45'14"E	L79	10.00	N00°14'46"E	L141	2.17	S00°14'46"W
L20	20.00	S00°14'46"W	L80	14.00	N43°30'13"W	L142	15.48	N00°14'46"E
L21	28.00	N89°45'14"W	L81	5.00	N46°29'47"E	L143	10.20	S59°29'47"W
L22	16.25	N00°14'46"E	L82	5.00	S43°30'13"E	L144	13.79	S44°45'14"E
L23	2.93	S89°45'14"E	L83	9.00	S44°31'36"E	L145	68.43	S00°14'46"W
L24	8.07	N89°45'14"W	L84	24.00	S34°37'37"E	L146	64.29	N00°14'46"E
L25	3.75	S00°14'46"W	L85	5.00	S30°30'29"E	L147	11.63	N44°45'14"W
L26	9.82	N89°45'14"W	L86	29.01	N30°30'29"W	L148	855.17	N89°45'14"W
L27	11.61	S04°55'42"W	L87	15.00	S32°15'28"E	L149	6.00	N00°14'46"E
L28	18.03	N45°14'46"E	L88	14.00	S34°37'37"E	L150	15.26	S89°45'14"E
L29	15.00	S89°45'14"E	L89	26.51	N30°30'29"W	L151	23.03	S48°47'49"E
L30	15.00	S89°45'14"E	L90	4.50	S30°30'29"E	L152	34.55	N48°47'49"W
L31	15.00	S89°45'14"E	L91	13.00	S27°39'07"E	L153	15.00	N41°12'11"E
L32	95.50	S00°14'46"W	L92	9.11	S19°45'15"E	L154	14.00	N48°47'49"W
L33	7.50	N89°45'14"W	L93	11.00	N89°47'48"W	L155	5.00	N41°12'11"E
L34	5.00	N00°14'46"E	L94	15.00	N89°47'48"W	L156	28.00	N48°47'49"W
L35	5.00	S89°45'14"E	L95	70.66	N00°12'12"E	L157	50.77	S41°12'11"W
L36	10.00	S00°14'46"W	L96	61.74	N00°12'12"E	L158	9.00	S48°47'49"E
L37	17.50	N89°45'14"W	L97	61.74	S00°12'12"W	L159	50.77	N41°12'11"E
L38	22.50	S89°45'14"E	L98	73.38	S00°12'12"W	L160	9.00	N48°47'49"W
L39	5.00	S00°14'46"W	L99	11.00	S89°47'48"E	L161	20.00	S41°12'11"W
L40	22.50	N89°45'14"W	L100	40.26	N74°55'38"W	L162	42.00	S48°47'49"E
L41	15.00	N89°45'14"W	L101	28.38	S74°55'38"E	L163	296.45	S41°12'11"W
L42	50.76	N00°14'46"E	L102	154.04	N00°01'21"E	L164	11.50	N48°47'49"W
L43	50.76	S00°14'46"W	L103	137.66	S00°01'21"E	L165	5.00	S41°12'11"W
L44	172.54	S00°14'46"W	L104	22.14	N04°55'14"E	L166	11.50	S48°47'49"E
L45	9.14	N89°45'14"W	L105	19.96	S45°01'21"W	L167	42.00	N41°12'11"E
L46	14.14	N44°45'14"W	L106	6.62	N89°45'14"W	L168	16.54	N48°47'49"W
L47	9.36	S89°45'14"E	L107	35.97	N89°45'14"W	L169	3.46	N48°47'49"W
L48	42.29	S00°14'46"W	L108	30.00	S00°14'46"W	L170	27.75	N41°12'11"E
L49	38.00	N89°45'14"W	L109	35.56	S00°14'46"W	L171	20.00	S48°47'49"E
L50	42.29	N00°14'46"E	L110	145.23	N89°45'14"W	L172	15.00	N48°47'48"W
L51	9.50	S89°45'14"E	L111	40.25	N89°45'14"W	L173	33.50	N48°47'48"W
L52	10.00	N00°14'46"E	L112	30.00	N00°00'54"E	L174	10.00	N89°45'14"W
L53	33.10	S89°45'14"E	L113	22.10	N04°52'27"W	L175	80.64	N56°29'47"E
L54	43.50	S00°14'46"W	L114	40.37	S89°45'14"E	L176	95.21	N89°45'14"E
L55	46.09	S14°45'14"E	L115	37.00	S00°14'46"W	L177	40.38	S89°45'14"E
L56	93.10	S39°40'59"E	L116	11.17	S89°45'14"E	L178	334.31	N00°01'21"E
L57	138.16	S89°45'14"E	L117	12.18	N45°14'46"E	L179	145.23	S89°45'14"E
L58	60.18	N41°12'11"E	L118	4.64	N00°14'46"E	L180	7.50	S41°12'11"E
L59	48.50	S48°47'48"E	L119	15.00	S89°45'14"E	L181	8.50	S48°47'49"E
L60	25.94	S48°47'48"E	L120	15.00	S89°45'14"E	L182	2.50	S41°12'11"E
L61	15.00	S41°12'11"W	L121	3.79	N89°45'14"W	L183	5.00	S48°47'49"E
L62	15.00	S41°11'48"W	L122	29.21	N89°45'14"W	L184	2.50	N41°12'11"E
L63	20.34	N48°47'49"W	L123	20.00	N89°45'14"W	L185	37.50	S48°47'49"E
L64	52.02	S41°12'11"W	L124	19.83	S00°14'46"W	L186	25.32	N41°12'11"E
L65	152.01	N89°45'14"W	L125	13.73	N00°14'46"E	L187	7.84	S89°45'14"E
L66	103.42	N39°40'59"W	L126	15.26	N00°14'46"E	L188	12.50	S00°14'45"W
L67	51.38	N14°45'14"W	L127	5.82	N67°44'46"E	L189	15.00	S89°45'15"E
L68	36.81	N00°14'46"E	L128	10.82	N00°14'46"E	L190	20.00	N00°14'45"E
L69	15.78	S89°45'14"E	L129	184.57	N89°45'14"W	L191	26.06	N89°45'15"W
L70	17.32	N00°14'46"E	L130	53.06	N00°14'46"E	L192	21.24	S41°12'11"W
L71	89.61	S89°45'14"E	L131	84.76	N89°45'14"W	L193	43.50	N48°47'49"W
L72	48.25	N00°14'46"E	L132	91.40	S56°29'47"W			
L73	67.48	N89°45'14"W	L133	50.06	S11°29'47"W			

NUM	BEARING	DISTANCE	NUM	BEARING	DISTANCE
L1	N89°47'48"W	29.40'	L8	N39°41'00"W	58.13'
L2	N00°12'12"E	9.00'	L9	N00°14'46"E	75.17'
L3	N89°58'39"W	38.88'	L10	S37°49'10"E	92.67'
L4	S00°14'46"W	44.52'	L11	S00°14'46"W	75.31'
L5	S89°45'14"E	105.78'	L12	S56°29'47"W	74.03'
L6	S48°47'49"E	74.03'	L13	N89°45'14"W	69.73'
L7	N48°47'49"W	25.94'	L14	N89°45'14"W	71.20'
			L15	N00°14'46"E	66.56'

NUM	DELTA	ARC	RADIUS	CHORD BEARING	CHORD	TANGENT BEARING	E	W	TANGENT
C1	33°33'27"	409.98'	700.00'	S57°58'54"W	404.15'	SEE DRAWING	SEE DRAWING	SEE DRAWING	
C2	06°19'56"	32.05'	290.00'	S85°42'52"W	32.03'	S82°32'54"W	S88°52'50"W		16.04'
C3	08°41'54"	24.29'	160.00'	S84°31'53"W	24.27'	S88°52'50"W	S80°10'56"W		12.17'
C4	10°01'16"	118.85'	679.51'	S85°11'34"W	118.70'	S80°10'56"W	N89°47'48"W		59.58'
C5	36°39'54"	157.61'	246.30'	N24°14'37"W	154.94'	SEE DRAWING	SEE DRAWING	SEE DRAWING	
C6	69°49'09"	97.49'	80.00'	N54°31'13"W	91.57'	SEE DRAWING	SEE DRAWING	SEE DRAWING	



SEE SHEET 2 FOR LEGAL DESCRIPTION AND DEDICATION STATEMENT  
SHEET 1 OF 2

FINAL PLAT  
VITRUVIAN PARK ADDITION  
LOT 1-5, BLOCK D  
13.062 ACRES  
NOAH GOOD SURVEY, ABSTRACT No. 520  
ADDISON, DALLAS COUNTY, TEXAS  
CITY PROJECT No. 16-07  
OWNER/DEVELOPER  
VPDEV 1 LLC  
c/o Elizabeth Likovich  
3875 Ponte Avenue, Suite 400  
Addison, Texas 75001  
972-716-3560

KADLECK & ASSOCIATES, a Division of  
**Westwood** Survey Firm No. 10074301  
Westwood Professional Services, Inc.  
Phone (214) 473-4640 2740 North Dallas Pkwy., Ste. 280  
TolFree (888) 937-5150 Plano, TX 75093  
LYNN KADLECK (214) 473-4642  
DATE: MARCH 27, 2019  
O.P.R.D.C.T. KA JOB #3045-A

PHASE	LOTS
1	1, 4 & 5
2	2
3	3

NOTES

The bearing basis for this plat is a bearing of S 26°18'00" W for Brookhaven Club Drive (now Vitruvian Way) as indicated in the deed to DCO Clipper Pointe, LP as recorded in County Clerk Instrument No. 20070170325, Deed Records of Dallas County, Texas.

SURVEYOR'S CERTIFICATE

STATE OF TEXAS }  
COUNTY OF DALLAS }

I, L. LYNN KADLECK, a Registered Professional Land Surveyor, in the State of Texas, do hereby certify that I have prepared this plat from an actual on the ground survey of the land, and the monuments shown hereon were found and placed under my personal supervision in accordance with the platting rules and regulations of the City Plan Commission of the Town of Addison.

Dated this the \_\_\_\_\_ day of \_\_\_\_\_, 2019.



\_\_\_\_\_  
L. LYNN KADLECK  
Registered Professional  
Land Surveyor No. 3952

FOR REVIEW ONLY  
NOT FOR RECORDING

STATE OF TEXAS }  
COUNTY OF COLLIN }

BEFORE ME, the undersigned, a Notary Public in and for the State of Texas, on this day personally appeared L. Lynn Kadleck, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the \_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Notary Public, State of Texas

CERTIFICATE OF APPROVAL

APPROVED this \_\_\_\_\_ day of \_\_\_\_\_, 2019 by Town of Addison, Texas.

\_\_\_\_\_  
Chair, Planning and Zoning Commission

\_\_\_\_\_  
City of Secretary

OWNER'S CERTIFICATE

STATE OF TEXAS }  
COUNTY OF DALLAS }

WHEREAS, VPDEV I LLC, are the owners of a tract or parcel of land situated in the Noah Good Survey, Abstract No. 520, Town of Addison, Dallas County, Texas, said tract being part of a 13.245 acre tract of land conveyed to VPDEV I LLC by deed recorded in County Clerk Instrument Number 201300203007, Official Public Records of Dallas County, Texas, and being more particularly described as follows:

BEGINNING at a found 1/2 inch iron rod for a corner in the east line of Marsh Lane (a 100 foot right of way), said point being the southwest corner of Brookhaven Shopping Center addition as recorded in Volume 86225, Page 4769, Deed Records of Dallas County, Texas and being the northwest corner of the said 9.4274 acre tract;

THENCE, S 89°43'05" E, departing the east line of Marsh Lane and with the south line of the said Brookhaven Shopping Center addition, a distance of 431.02 feet to a set 5/8 inch iron rod with a plastic cap stamped "Kadleck NO. 3952" for a corner, said point being the southeast corner of the said Brookhaven Shopping Center addition and the southwest corner of a called 9.314 acre tract of land conveyed to DCO Talisker, LP by deed recorded in County Clerk Instrument Number 20070159777, Official Public Records of Dallas County, Texas;

THENCE, S 89°47'34" E, with the south line of the said 9.314 acre tract, a distance of 432.34 feet to a set 5/8 inch iron rod with a plastic cap stamped "Kadleck No. 3952" for a corner;

THENCE, S 00°14'46" W, departing the said common line, a distance of 44.52 feet to a to a set 5/8 inch iron rod with a plastic cap stamped "Kadleck No. 3952" for a corner;

THENCE, S 89°45'14" E, a distance of 113.41 feet to a to a set 5/8 inch iron rod with a plastic cap stamped "Kadleck No. 3952" for a corner;

THENCE, S 48°47'49" E, a distance of 68.27 feet to a to a set 5/8 inch iron rod with a plastic cap stamped "Kadleck No. 3952" for a corner in the north right-of-way line of Vitruvian Way;

THENCE, the following courses and distances with the northwest and north line of Vitruvian Way.

- S 41°12'11" W, a distance of 601.12 feet to a set "x" cut on concrete pavement at the beginning of a tangent curve to the right with a central angle of 33°33'27", a radius of 700.00 feet, a chord bearing of S 57°58'54" W and a chord distance of 404.15 feet;

- Southwesterly, along said curve, an arc distance of 409.98 feet to a set 5/8 inch iron rod with a plastic cap stamped "Kadleck No. 3952" at the beginning of a compound curve to the right with a central angle of 06°19'56", a radius of 290.00 feet, a chord bearing of S 85°42'52" W and a chord distance of 32.03 feet;

- Southwesterly, along said curve, an arc distance of 32.05 feet to a set 5/8 inch iron rod with a plastic cap stamped "Kadleck No. 3952" at the beginning of a reverse curve to the left with a central angle of 08°41'54", a radius of 160.00 feet, a chord bearing of S 84°31'53" W and a chord distance of 24.27 feet;

- Southwesterly, along said curve, arc distance of 24.29 feet to a set 5/8 inch iron rod with a plastic cap stamped "Kadleck No. 3952" at the beginning of a reverse curve to the right with a central angle of 10°01'16", a radius of 679.51 feet, a chord bearing of S 85°11'34" W and a chord distance of 118.70 feet;

- Southwesterly, along said curve, an arc distance of 118.85 feet to a set 5/8 inch iron rod with a plastic cap stamped "Kadleck No. 3952" at the point of tangency;

- N 89°47'48" W, a distance of 29.40 feet to a set 5/8 inch iron rod with a plastic cap stamped "Kadleck No. 3952" for a corner, departing the north line of Vitruvian Way, at the beginning of a tangent curve to the right with a central angle of 69°49'09", a radius of 80.00 feet, a chord bearing of N 54°53'13" W and a chord distance of 91.57 feet;

- Northwesterly, along said curve, an arc distance of 97.49 feet to a set 5/8 inch iron rod with a plastic cap stamped "Kadleck No. 3952" at the point of tangency;

THENCE, N 19°58'39" W, a distance of 31.82 feet to the east line of said Marsh Lane;

THENCE, N 00°01'21" E, with the east line of Marsh Lane a distance of 692.18 feet to the Point of Beginning and Containing 569,002 square feet or 13.062 acres of land.

OWNER'S DEDICATION STATEMENT

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS:

That DPDEV I LLC, ("Owners") do hereby adopt this plat designating the hereinabove property as Lots 1-5, Block D, VITRUVIAN PARK ADDITION, an addition to the Town of Addison, Texas, and subject to the conditions, restrictions and reservations stated hereinafter, owner dedicates to the public use forever the streets and alleys shown thereon.

The easements shown on this plat are hereby reserved for the purposes as indicated, including, but not limited to, the installation and maintenance of water, sanitary sewer, storm sewer, drainage, electric, telephone, gas and cable television. Owner shall have the right to use these easements, provided, however, that it does not unreasonably interfere or impede with the provision of the services to others. Said utility easements are hereby being reserved by mutual use and accommodation of all public utilities using or desiring to use the same. An express easement of ingress and egress is hereby expressly granted on, over and across all such easements for the benefit of the provider of services for which easements are granted.

Any drainage and floodway easement shown hereon is hereby dedicated to the public's use forever, but including the following covenants with regards to maintenance responsibilities. The existing channels or creeks traversing the drainage and floodway easement will remain as an open channel, unless required to be enclosed by ordinance, at all times and shall be maintained by the individual owners of the lot or lots that are traversed by or adjacent to the drainage and floodway easement. The Town will not be responsible for the maintenance and operation of said creek or creeks or for any damage or injury of private property or person that results from the flow of water along said creek, or for the control of erosion. No obstruction to the natural flow of water runoff shall be permitted by construction of any type building, fence or any other structure within the drainage and floodway easement. Provided, however, it is understood that in the event it becomes necessary for the Town to channelize or consider erecting any type of drainage structure in order to improve the storm drainage, then in such event, the Town shall have the right, but not the obligation, to enter upon the drainage and floodway easement at any point, or points, with all rights of ingress and egress to investigate, survey, erect, construct or maintain any drainage facility deemed necessary by the Town for maintenance or efficiency of its respective system or service.

Water main and sanitary sewer easements shall also include additional area of working space for construction and maintenance of the systems. Additional easement area is also conveyed for installation and maintenance of manholes, cleanouts, fire hydrants, water service and sewer services from the main to curb or pavement line, and the descriptions of such additional easements herein granted shall be determined by their locations as installed.

This plat is approved subject to all platting ordinances, rules, regulations and resolutions of the Town of Addison, Texas.

WITNESS, MY HAND AT \_\_\_\_\_, \_\_\_\_\_, this the \_\_\_\_ day of \_\_\_\_\_, 2019.

By: DPDEV I LLC  
a limited liability company

By: \_\_\_\_\_  
Elizabeth Likovich, Authorized Agent

THE STATE OF TEXAS §  
COUNTY OF DALLAS §

BEFORE ME, the undersigned, a Notary Public in and for the State of Texas, on this day personally appeared Elizabeth Likovich, authorized agent for DPDEV I LLC, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said DPDEV I LLC and that he executed the same for the purposes and considerations therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the \_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Notary Public, State of Texas

SHEET 2 OF 2

FINAL PLAT  
VITRUVIAN PARK ADDITION  
LOT 1-5, BLOCK D  
13.062 ACRES

NOAH GOOD SURVEY, ABSTRACT No. 520  
ADDISON, DALLAS COUNTY, TEXAS  
CITY PROJECT No. 16-07

OWNER/DEVELOPER  
VPDEV I LLC  
c/o Elizabeth Likovich  
3875 Ponte Avenue, Suite 400  
Addison, Texas 75001  
972-716-3560

KADLECK & ASSOCIATES, a Division of  
westwoodps.com  
Westwood Professional Services, Inc.  
Survey Firm No. 10074301  
Phone (214) 473-4640 2740 North Dallas Pkwy., Ste. 280  
Toll Free (888) 937-5150 Plano, TX 75093

LYNN KADLECK (214) 473-4642

FILED \_\_\_\_\_ CC INST.# \_\_\_\_\_ O.P.R.D.C.T. \_\_\_\_\_ DATE: MARCH 27, 2019  
KA JOB #3045-A



# GENERAL CONSTRUCTION NOTES

- 1. STANDARDS AND SPECIFICATIONS:** ALL MATERIALS, CONSTRUCTION METHODS, WORKMANSHIP, EQUIPMENT, SERVICES AND TESTING FOR ALL PUBLIC IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE GOVERNING AUTHORITIES' ORDINANCES, REGULATIONS, REQUIREMENTS, STATUTES, SPECIFICATIONS AND DETAILS, LATEST AMENDMENTS THERETO. THE GOVERNING AUTHORITIES' PUBLIC WORKS AND WATER DEPARTMENT REQUIREMENTS, PLUMBING CODES, AND FIRE DEPARTMENT REGULATIONS SHALL TAKE PRECEDENCE FOR ALL PUBLIC IMPROVEMENTS WHERE APPLICABLE. ALL OTHER PUBLIC CONSTRUCTION, NOT REGULATED BY THE GOVERNING AUTHORITY, SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, NORTH CENTRAL TEXAS - NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS, LATEST PRINTING AND AMENDMENTS THERETO, EXCEPT AS MODIFIED OR AMENDED BY THE PROJECT CONTRACT DOCUMENTS.
- 2. EXAMINATION OF SITE:** THE CONTRACTOR ACKNOWLEDGES THAT HE HAS INVESTIGATED AND SATISFIED HIMSELF AS TO THE CONDITIONS AFFECTING THE WORK, INCLUDING BUT NOT RESTRICTED TO THOSE BEARING UPON TRANSPORTATION, DISPOSAL, HANDLING AND STORAGE OF MATERIALS, AVAILABILITY OF LABOR, WATER, ELECTRIC POWER, ROADS AND UNCERTAINTIES OF WEATHER, OR SIMILAR PHYSICAL CONDITIONS AT THE SITE, CONDITIONS OF THE GROUND, THE CHARACTER OF EQUIPMENT AND FACILITIES NEEDED PRELIMINARY TO AND DURING PERFORMANCE OF THE WORK. THE CONTRACTOR ACKNOWLEDGES THAT HE HAS INSPECTED THE SITE OF THE WORK AND IS FAMILIAR WITH THE SOIL CONDITIONS TO BE ENCOUNTERED. ANY FAILURE BY THE CONTRACTOR TO ACQUAINT HIMSELF WITH THE AVAILABLE INFORMATION WILL NOT RELIEVE HIM FROM RESPONSIBILITY FOR ESTIMATING PROPERLY THE DIFFICULTY OR COST OF SUCCESSFULLY PERFORMING THE WORK. THE GOVERNING AUTHORITY ASSUMES NO RESPONSIBILITY FOR ANY CONCLUSIONS OR INTERPRETATIONS MADE BY THE CONTRACTOR ON THE BASIS OF THE INFORMATION MADE AVAILABLE BY THE GOVERNING AUTHORITY.
- 3. SUBSURFACE INVESTIGATION:** SUBSURFACE EXPLORATION TO ASCERTAIN THE NATURE OF SOILS, INCLUDING THE AMOUNT OF ROCK, IF ANY, IS THE RESPONSIBILITY OF THE CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE SUCH SUBSURFACE INVESTIGATIONS AS HE DEEMS NECESSARY TO DETERMINE THE NATURE OF THE MATERIAL TO BE ENCOUNTERED. SOME SUBSURFACE EXPLORATION HAS BEEN PERFORMED BY THE GEOTECHNICAL ENGINEER OF RECORD ON THE PROJECT AND IS PROVIDED FOR INFORMATIONAL PURPOSES. THE GOVERNING AUTHORITY AND ENGINEER DISCLAIM ANY RESPONSIBILITY FOR THE ACCURACY, TRUE LOCATION AND EXTENT OF THE SOILS INFORMATION THAT HAS BEEN PREPARED BY OTHERS. THEY FURTHER DISCLAIM RESPONSIBILITY FOR INTERPRETATION OF THAT DATA BY THE CONTRACTOR, AS IN PROJECTING SOIL BEARING VALUES, ROCK PROFILES, SOILS STABILITY AND THE PRESENCE, LEVEL AND EXTENT OF UNDERGROUND WATER.
- 4. TOPOGRAPHIC SURVEY:** TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THE PLANS IS PROVIDED FOR INFORMATIONAL PURPOSES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE INFORMATION SHOWN IS CORRECT, AND SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY ERRORS, DISCREPANCIES OR OMISSIONS TO THE SURVEY INFORMATION PROVIDED. ANY COSTS INCURRED AS THE RESULT OF NOT CONFIRMING THE ACTUAL SURVEY SHALL BE BORNE BY THE CONTRACTOR.
- 5. COMPLIANCE WITH LAWS:** THE CONTRACTOR SHALL FULLY COMPLY WITH ALL LOCAL, STATE AND FEDERAL LAWS, INCLUDING ALL CODES, ORDINANCES AND REGULATIONS APPLICABLE TO THIS CONTRACT AND THE WORK TO BE DONE THEREUNDER, WHICH EXIST OR MAY BE ENACTED LATER BY GOVERNMENTAL BODIES HAVING JURISDICTION OR AUTHORITY FOR SUCH ENACTMENT. ALL WORK REQUIRED UNDER THIS CONTRACT SHALL COMPLY WITH ALL REQUIREMENTS OF LAW, REGULATION, PERMIT OR LICENSE. IF THE CONTRACTOR FINDS THAT THERE IS A VARIANCE, HE SHALL IMMEDIATELY REPORT THIS TO THE GOVERNING AUTHORITY FOR RESOLUTION.
- 6. PUBLIC CONVENIENCE AND SAFETY:** IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- MATERIALS STORED ON THE WORK SITE SHALL BE SO PLACED, AND THE WORK SHALL AT ALL TIMES BE SO CONDUCTED, AS TO CAUSE NO GREATER OBSTRUCTION TO THE TRAVELING PUBLIC THAN IS CONSIDERED ACCEPTABLE BY THE GOVERNING AUTHORITIES. THE MATERIALS EXCAVATED SHALL BE PLACED SO AS NOT TO ENDANGER THE WORK OR PREVENT FREE ACCESS TO ALL FIRE HYDRANTS, WATER VALVES, GAS VALVES, MANHOLES, AND FIRE ALARM OR POLICE CALL BOXES IN THE VICINITY.
- THE GOVERNING AUTHORITY RESERVES THE RIGHT TO REMEDY ANY NEGLIGENCE ON THE PART OF THE CONTRACTOR WITH REGARDS TO THE PUBLIC CONVENIENCE AND SAFETY WHICH MAY COME TO THE GOVERNING AUTHORITY'S ATTENTION, AFTER 24 HOURS NOTICE IN WRITING TO THE CONTRACTOR. IN CASES OF EMERGENCY, WHEN THE GOVERNING AUTHORITY SHALL HAVE THE RIGHT TO REMEDY ANY NEGLIGENCE WITHOUT NOTICE; AND, IN EITHER CASE, THE COST OF SUCH WORK DONE BY THE GOVERNING AUTHORITY SHALL BE DEDUCTED FROM THE MONIES DUE OR TO BECOME DUE THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE GOVERNING AUTHORITY AND THE GOVERNING AUTHORITIES WHEN ANY STREET IS TO BE CLOSED OR OBSTRUCTED; SUCH NOTICE SHALL IN THE CASE OF MAJOR THOROUGHFARES OR STREETS UPON WHICH TRAFFIC BY THE GOVERNING AUTHORITIES, KEEP ANY STREET OR STREETS IN CONDITION FOR UNOBSTRUCTED USE BY EMERGENCY SERVICES. WHERE THE CONTRACTOR IS REQUIRED TO CONSTRUCT TEMPORARY BRIDGES OR TO MAKE OTHER ARRANGEMENTS FOR CROSSING OVER DITCHES OR STREAMS, HIS RESPONSIBILITY FOR ACCIDENTS SHALL INCLUDE THE ROADWAY APPROACHES AS WELL AS THE STRUCTURES OF SUCH CROSSINGS.
- 7. STORM WATER POLLUTION PREVENTION PLAN (SWP3):** THE CONTRACTOR SHALL COMPLY WITH THE CONDITIONS OF THE SWP3 WHILE CONDUCTING HIS ACTIVITIES ON THE PROJECT. IN ADDITION TO CONSTRUCTING THOSE ITEMS INDICATED ON THE PLAN SHEETS, COMPLIANCE WITH THE SWP3 INCLUDES CONFORMANCE TO CERTAIN PRACTICES AND PROCEDURES (IDENTIFIED IN THE SWP3) DURING PROJECT CONSTRUCTION.
- 8. PERMITS AND LICENSES:** THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND LICENSES NECESSARY FOR THE EXECUTION OF THE WORK AND SHALL FULLY COMPLY WITH ALL THEIR TERMS AND CONDITIONS. WHENEVER THE WORK UNDER THIS CONTRACT REQUIRES THE OBTAINING OF PERMITS FROM THE GOVERNING AUTHORITIES, THE CONTRACTOR SHALL FURNISH DUPLICATE COPIES OF SUCH PERMITS TO THE ENGINEER BEFORE THE WORK COVERED THEREBY IS STARTED. NO WORK WILL BE ALLOWED TO PROCEED BEFORE SUCH PERMITS ARE OBTAINED.
- 9. BONDS:** PERFORMANCE, PAYMENT AND MAINTENANCE BONDS WILL BE REQUIRED FROM THE CONTRACTOR FOR ALL WORK CONSIDERED TO BE "PUBLIC" IMPROVEMENTS. BONDS SHALL BE IN THE FORM AND IN THE AMOUNTS AS REQUIRED BY THE GOVERNING AUTHORITIES.
- 10. VENDOR'S CERTIFICATION:** ALL MATERIALS USED IN CONSTRUCTION SHALL HAVE A VENDOR'S CERTIFIED TEST REPORT. TEST REPORTS SHALL BE DELIVERED TO THE ENGINEER BEFORE PERMISSION FOR USE OF THE MATERIAL. ALL VENDOR'S TEST REPORTS SHALL BE SUBJECT TO REVIEW BY THE ENGINEER, AND SHALL BE SUBJECT TO VERIFICATION BY TESTING OF SAMPLES OF MATERIALS AS RECEIVED FOR USE ON THE PROJECT. IN THE EVENT ADDITIONAL TESTS ARE REQUIRED, THEY SHALL BE PERFORMED BY AN APPROVED INDEPENDENT TESTING LABORATORY AND SHALL BE PAID FOR BY THE CONTRACTOR.
- 11. TESTING:** THE TESTING AND CONTROL OF ALL MATERIALS USED IN THE WORK SHALL BE DONE BY AN INDEPENDENT TESTING LABORATORY, EMPLOYED AND PAID DIRECTLY BY THE GOVERNING AUTHORITY. IN THE EVENT THE RESULTS OF INITIAL TESTING DO NOT COMPLY WITH THE PLANS AND SPECIFICATIONS, SUBSEQUENT TESTS NECESSARY TO DETERMINE THE ACCEPTABILITY OF MATERIALS OR CONSTRUCTION SHALL BE FURNISHED AND PAID BY THE CONTRACTOR AS DIRECTED BY THE GOVERNING AUTHORITY. PAYMENT WILL BE MADE BY DEDUCTION FROM PAYMENT DUE THE CONTRACTOR.
- 12. INSPECTION:** INSPECTION OF THE PROPOSED CONSTRUCTION WILL BE PROVIDED BY AND PAID FOR BY THE GOVERNING AUTHORITY. THE CONTRACTOR SHALL PROVIDE ASSISTANCE BY PROVIDING EXCAVATION, TRENCH SAFETY, OR OTHER WORK NECESSARY TO FACILITATE INSPECTION ACTIVITIES, AND SHALL GIVE SUFFICIENT NOTICE WELL IN ADVANCE OF PENDING CONSTRUCTION ACTIVITIES TO THE GOVERNING AUTHORITY FOR SCHEDULING OF INSPECTION SERVICES.
- 13. SHOP DRAWINGS:** THE CONTRACTOR SHALL PROVIDE, REVIEW, APPROVE AND SUBMIT ALL SHOP DRAWINGS, PRODUCT DATA AND SAMPLES REQUIRED BY THE GOVERNING AUTHORITIES AND THE PROJECT CONTRACT DOCUMENTS IN ACCORDANCE WITH ITEM 1.28 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, NORTH CENTRAL TEXAS - NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS.
- 14. SURVEYING:** ALL SURVEYING REQUIRED FOR CONSTRUCTION STAKING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL EMPLOY A REGISTERED PROFESSIONAL LAND SURVEYOR TO PREFORM ALL SURVEY, LAYOUT AND MEASUREMENT WORK NECESSARY FOR THE COMPLETION OF THE PROJECT.

- 15. PROTECTION OF PROPERTY CORNERS AND BENCHMARKS:** THE CONTRACTOR SHALL PROTECT ALL PROPERTY CORNER MARKERS AND BENCHMARKS, AND WHEN ANY SUCH MARKERS OR MONUMENTS ARE IN DANGER OF BEING DISTURBED, THEY SHALL BE PROPERLY REFERENCED AND IF DISTURBED SHALL BE RESET BY A REGISTERED PUBLIC SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.
- 16. EXISTING STRUCTURES:** THE PLANS SHOW THE LOCATION OF ALL KNOWN SURFACE AND SUBSURFACE STRUCTURES, HOWEVER, THE GOVERNING AUTHORITY AND ENGINEER ASSUME NO RESPONSIBILITY FOR FAILURE TO SHOW ANY OR ALL OF THESE STRUCTURES ON THE PLANS, OR TO SHOW THEM IN THEIR EXACT LOCATION. SUCH FAILURE SHALL NOT BE CONSIDERED SUFFICIENT BASIS FOR CLAIMS FOR ADDITIONAL COMPENSATION FOR EXTRA WORK OR FOR INCREASING THE PAY QUANTITIES IN ANY MANNER WHATSOEVER, UNLESS THE OBSTRUCTION ENCOUNTERED IS SUCH AS TO REQUIRE CHANGES IN THE LINES OR GRADES, OR REQUIRE THE CONSTRUCTION OF SPECIAL WORK, FOR WHICH PROVISIONS ARE NOT MADE IN THE PLANS.
- 17. PROTECTION OF EXISTING UTILITIES:** AS REQUIRED BY "THE TEXAS UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT", TEXAS ONE CALL SYSTEM BE CONTACTED (800-245-4545) AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION OPERATIONS BEING PERFORMED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT TEXAS ONE CALL SYSTEM.
- THE LOCATION AND DIMENSIONS SHOWN ON THE PLANS RELATIVE TO EXISTING UTILITIES ARE BASED ON THE BEST RECORDS AND/OR FIELD INFORMATION AVAILABLE AND ARE NOT GUARANTEED BY THE GOVERNING AUTHORITY OR ENGINEER TO BE ACCURATE AS TO LOCATION AND DEPTH. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF ADJACENT AND/OR CONFLICTING UTILITIES SUFFICIENTLY IN ADVANCE OF HIS ACTIVITIES IN ORDER THAT HE MAY NEGOTIATE SUCH LOCAL ADJUSTMENTS AS NECESSARY IN THE CONSTRUCTION PROCESS TO PROVIDE ADEQUATE CLEARANCES.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL EXISTING UTILITIES, SERVICES AND STRUCTURES ENCOUNTERED, WHETHER THEY ARE INDICATED ON THE PLANS. ANY DAMAGE TO UTILITIES RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED AT HIS EXPENSE. TO AVOID UNNECESSARY INTERFERENCE OR DELAYS, THE CONTRACTOR SHALL COORDINATE ALL UTILITY REMOVALS, REPLACEMENTS AND CONSTRUCTION WITH THE APPROPRIATE GOVERNING AUTHORITIES, THEN REQUEST WRITTEN AUTHORIZATION FROM THE ENGINEER. THE GOVERNING AUTHORITY WILL NOT BE LIABLE FOR DAMAGES DUE TO DELAY AS A RESULT OF THE ABOVE.
- 18. DAMAGE TO EXISTING FACILITIES:** ALL UTILITIES, PAVEMENT, SIDEWALKS, WALLS, FENCES, ETC. NOT DESIGNATED TO BE REMOVED BUT THAT ARE DAMAGED DURING CONSTRUCTION ACTIVITIES SHALL BE REPLACED TO A CONDITION AS GOOD AS OR BETTER THAN THE CONDITIONS PRIOR TO STARTING THE WORK, SOLELY AT THE EXPENSE OF THE CONTRACTOR.
- 19. FIRE AND LIFE SAFETY SYSTEMS:** CONTRACTOR SHALL NOT REMOVE, DISABLE OR DISRUPT EXISTING FIRE OR LIFE SAFETY SYSTEMS WITHOUT WRITTEN PERMISSION FROM THE GOVERNING AUTHORITY.
- 20. TRENCH SAFETY:** IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AND MAINTAIN A VIABLE TRENCH SAFETY SYSTEM AT ALL TIMES DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR IS DIRECTED TO BECOME KNOWLEDGEABLE AND FAMILIAR WITH THE STANDARDS AS SET BY THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND THE STATE OF TEXAS LAW CONCERNING TRENCHING AND SHORING. THE CONTRACTOR SHALL PROVIDE TRENCH SAFETY SYSTEM PLANS, PREPARED AND SEALED BY A PROFESSIONAL ENGINEER, LICENSED IN THE STATE OF TEXAS, FOR THE IMPLEMENTATION OF SAFETY CONTROL MEASURES, MEETING THE REQUIREMENTS OF THE GOVERNING AUTHORITIES, THAT WILL BE IN EFFECT DURING THE PERIOD OF CONSTRUCTION OF THE PROJECT.
- 21. SAFETY RESTRICTIONS - WORK NEAR HIGH VOLTAGE LINES:** THE FOLLOWING PROCEDURES WILL BE FOLLOWED REGARDING THE SUBJECT ITEM ON THIS CONTRACT:
- A. A WARNING SIGN NOT LESS THAN FIVE INCHES BY SEVEN INCHES PAINTED YELLOW WITH BLACK LETTERS THAT ARE LEGIBLE AT 12 FEET SHALL BE PLACED INSIDE AND OUTSIDE VEHICLES SUCH AS CRANES, DERRICKS, POWER SHOVELS, DRILLING RIGS, PILE DRIVER, HOISTING EQUIPMENT OR SIMILAR APPARATUS. THE WARNING SIGN SHALL READ AS FOLLOWS: "WARNING - UNLAWFUL TO OPERATE THIS EQUIPMENT WITHIN SIX FEET OF HIGH VOLTAGE LINES."
  - B. EQUIPMENT THAT MAY BE OPERATED WITHIN TEN FEET OF HIGH VOLTAGE LINES SHALL HAVE AN INSULATING CAGE-TYPE OF GUARD ABOUT THE BOOM OR ARM, EXCEPT BACKHOES OR DIPPERS, AND INSULATOR LINKS ON THE LIFT HOOK CONNECTIONS.
  - C. WHEN NECESSARY TO WORK WITHIN SIX FEET OF HIGH VOLTAGE ELECTRIC LINES, NOTIFY THE POWER COMPANY WHO WILL ERECT TEMPORARY MECHANICAL BARRIERS, DE-ENERGIZE THE LINE OR RAISE OR LOWER THE LINE. THE WORK DONE BY THE POWER COMPANY SHALL BE AT THE EXPENSE OF THE CONTRACTOR. THE NOTIFYING DEPARTMENT SHALL MAINTAIN AN ACCURATE LOG OF ALL SUCH CALLS TO THE POWER COMPANY AND SHALL RECORD ACTION TAKEN IN EACH CASE.
  - D. THE CONTRACTOR IS REQUIRED TO MAKE ARRANGEMENTS WITH THE POWER COMPANY FOR THE TEMPORARY RELOCATION OR RAISING OF HIGH VOLTAGE LINES AT THE CONTRACTOR'S SOLE COST AND EXPENSE.
  - E. NO PERSON SHALL WORK WITHIN SIX FEET OF A HIGH VOLTAGE LINE WITHOUT PROTECTION HAVING BEEN TAKEN AS OUTLINED IN PARAGRAPH C. ABOVE.
- 22. TRAFFIC CONTROL:** IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP AND SUBMIT FOR APPROVAL BY THE GOVERNING AUTHORITIES, A TRAFFIC CONTROL PLAN, PREPARED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS, OUTLINING TRAFFIC MANAGEMENT PROCEDURES TO BE PROVIDED DURING CONSTRUCTION. TRAFFIC CONTROL MEASURES SHALL BE PROVIDED IN ACCORDANCE WITH THE FOLLOWING ADDITIONAL REQUIREMENTS:
- A. CONSTRUCTION OF SIGNING AND BARRICADES SHALL CONFORM WITH THE "2003 TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", AS CURRENTLY AMENDED, TEXAS DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION.
  - B. THE CONTRACTOR SHALL BE REQUIRED TO FURNISH BARRICADES, FLARES, FLAGMEN, ETC., FOR THE PROTECTION OF THE PUBLIC, EMPLOYEES AND THE WORK.
  - C. THE CONTRACTOR SHALL PERFORM HIS WORK IN SUCH A MANNER AS TO CREATE A MINIMUM OF INTERRUPTION TO TRAFFIC ALONG ADJACENT ROADWAYS. TWO WAY TRAFFIC MUST BE MAINTAINED ON ALL ROADWAYS AT ALL TIMES THROUGHOUT CONSTRUCTION UNLESS WRITTEN PERMISSION IS GRANTED BY THE GOVERNING AUTHORITIES.
  - D. ALL SIGNAGE, MARKINGS, LIGHTING, BARRICADES, FLAGMEN AND OTHER DEVICES AND PERSONNEL REQUIRED FOR TRAFFIC CONTROL DURING CONSTRUCTION OF THE PROJECT WILL BE INCLUDED IN THE CONTRACT AMOUNT.
  - E. ALL TRAFFIC CONTROL DEVICES USED DURING NIGHTTIME SHALL BE REFLECTORIZED, ILLUMINATED FROM WITHIN OR EXTERNALLY ILLUMINATED.
  - F. THE CONTRACTOR SHALL NOT REMOVE ANY REGULATORY SIGN, INSTRUCTIONAL SIGN, WARNING SIGN, STREET NAME SIGN OR ANY SIGNAL, WHICH CURRENTLY EXISTS, WITHOUT THE CONSENT OF THE GOVERNING AUTHORITIES.
  - G. THE CONTRACTOR SHALL MAINTAIN AND REPLACE WHERE NECESSARY ALL SIGNS, LIGHTS, MARKINGS AND TEMPORARY PAVEMENT THROUGHOUT THE CONSTRUCTION PERIOD.
  - H. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL MEASURES AT THE END OF CONSTRUCTION AND RESTORE UNIMPROVED PAVEMENT AND OTHER DISTURBED AREAS TO THEIR ORIGINAL CONDITION.

- 23. ACCESS TO ADJACENT PROPERTIES:** ACCESS TO ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE GOVERNING AUTHORITIES.
- 24. ACCESS ROUTES, STAGING AREAS AND STORAGE AREAS:** ALL PRIVATE HAUL ROADS AND ACCESS ROUTES AND THE LOCATION OF ALL STAGING AREAS AND STORAGE AREAS SHALL BE SUBJECT TO THE APPROVAL OF THE GOVERNING AUTHORITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND REPAIRING ALL ROADS AND OTHER FACILITIES USED DURING CONSTRUCTION. UPON COMPLETION OF THE PROJECT, ALL HAUL ROADS, ACCESS ROADS, STAGING AREAS AND STORAGE AREAS SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THAT AT THE TIME THE CONTRACTOR COMMENCES WORK ON THE PROJECT.
- 25. PARKING OF CONSTRUCTION EQUIPMENT:** AT NIGHT AND DURING ALL OTHER PERIODS OF TIME WHEN EQUIPMENT IS NOT BEING ACTIVELY USED FOR THE CONSTRUCTION WORK, THE CONTRACTOR SHALL PARK THE EQUIPMENT IN AREAS APPROVED BY THE GOVERNING AUTHORITY. DURING THE CONSTRUCTION OF THE PROJECT, THE CONTRACTOR SHALL COMPLY WITH THE PRESENT ZONING REQUIREMENTS OF THE GOVERNING AUTHORITIES IN THE USE OF VACANT PROPERTY FOR STORAGE PURPOSES. THE CONTRACTOR SHALL ALSO PROVIDE ADEQUATE BARRICADES, MARKERS AND LIGHTS TO PROTECT THE GOVERNING AUTHORITY, THE GOVERNING AUTHORITIES, THE PUBLIC AND THE OTHER WORK. ALL BARRICADES, LIGHTS, AND MARKERS MUST MEET THE REQUIREMENTS OF THE GOVERNING AUTHORITIES' REGULATIONS.
- 26. WATER FOR CONSTRUCTION:** THE CONTRACTOR SHALL MAKE THE NECESSARY ARRANGEMENTS FOR PURCHASING WATER FROM THE GOVERNING AUTHORITY FOR HIS USE ON THE PROJECT SITE. COSTS ASSOCIATED WITH THIS SERVICE SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
- 27. TEMPORARY ELECTRIC AND COMMUNICATIONS FOR CONSTRUCTION:** THE CONTRACTOR SHALL MAKE THE NECESSARY ARRANGEMENTS FOR INSTALLATION AND PURCHASING OF TEMPORARY ELECTRIC AND COMMUNICATIONS SERVICES FROM THE GOVERNING AUTHORITIES FOR HIS USE ON THE PROJECT SITE. COSTS ASSOCIATED WITH THESE SERVICES SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
- 28. FENCES:** ALL FENCES ENCOUNTERED AND REMOVED DURING CONSTRUCTION, EXCEPT THOSE DESIGNATED TO BE REMOVED OR RELOCATED, SHALL BE RESTORED TO THE ORIGINAL OR BETTER THAN CONDITION UPON COMPLETION OF THE PROJECT. WHERE WIRE FENCING, EITHER WIRE MESH OR BARBED WIRE, IS TO BE CROSSED, THE CONTRACTOR SHALL SET CROSS-BRACED POSTS ON EITHER SIDE OF THE CROSSING. TEMPORARY FENCING SHALL BE ERRECTED IN PLACE OF THE FENCING REMOVED WHENEVER THE WORK IS NOT IN PROGRESS, AND WHEN THE SITE IS VACATED OVERNIGHT AND/OR AT ALL TIMES TO PREVENT PERSONS AND/OR LIVESTOCK FROM ENTERING THE CONSTRUCTION AREA. THE COST OF FENCE REMOVAL, TEMPORARY CLOSURES AND REPLACEMENT SHALL BE INCLUDED IN THE CONTRACT.
- 29. DRAINAGE CHANNELS:** WHERE EXISTING DRAINAGE CHANNELS ARE TEMPORARILY DISTURBED OR BLOCKED DURING CONSTRUCTION, IT SHALL BE RESTORED TO THE ORIGINAL CONDITION, GRADE AND CROSS SECTION AFTER CONSTRUCTION IS COMPLETED.
- 30. COORDINATION WITH OTHERS:** IN THE EVENT THAT OTHER CONTRACTORS ARE DOING WORK IN THE SAME AREA SIMULTANEOUSLY WITH THE PROJECT, THE CONTRACTOR SHALL COORDINATE HIS PROPOSED CONSTRUCTION WITH THAT OF THE OTHER CONTRACTORS.
- 31. CONDITION OF SITE DURING CONSTRUCTION:** DURING CONSTRUCTION OF THE WORK, THE CONTRACTOR SHALL, AT ALL TIMES, KEEP THE SITE OF THE WORK AND ADJACENT PREMISES AS FREE FROM MATERIAL, DEBRIS AND RUBBISH AS IS PRACTICABLE AND SHALL REMOVE SAME FROM ANY PORTION OF THE SITE IF, IN THE OPINION OF THE GOVERNING AUTHORITY, SUCH MATERIAL, DEBRIS OR RUBBISH CONSTITUTES A NUISANCE OR IS OBJECTIONABLE. IN CASE OF FAILURE ON THE PART OF THE CONTRACTOR UNDER HIS CONTRACT, OR WHERE SUFFICIENT CONTRACT FUNDS ARE UNAVAILABLE FOR THIS PURPOSE, THE CONTRACTOR OR HIS SURETY SHALL REIMBURSE THE GOVERNING AUTHORITY FOR ALL SUCH COSTS.
- 32. EXISTING ROADWAYS:** THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CLEANLINESS OF EXISTING PAVED ROADS. ALL COSTS ASSOCIATED WITH MAINTAINING THE CLEANLINESS OF EXISTING ROADS SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
- 33. DUST CONTROL:** THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO CONTROL DUST ON THE PROJECT SITE BY SPRINKLING OF WATER, OR ANY OTHER METHODS APPROVED BY THE GOVERNING AUTHORITIES, AND SHALL PROVIDE ALL EQUIPMENT AND PERSONNEL REQUIRED TO PREVENT DUST FROM BECOMING A NUISANCE TO THE ADJACENT PROPERTIES.
- 34. CLEAN-UP FOR FINAL ACCEPTANCE:** THE CONTRACTOR SHALL MAKE A FINAL CLEAN UP OF ALL PARTS OF THE WORK BEFORE ACCEPTANCE BY THE GOVERNING AUTHORITY. THIS CLEAN UP SHALL INCLUDE REMOVAL OF ALL OBJECTIONABLE MATERIALS AND, IN GENERAL, PREPARING THE SITE OF THE WORK IN AN ORDERLY MANNER OF APPEARANCE.
- 35. REMOVAL OF DEFECTIVE AND UNAUTHORIZED WORK:** ALL WORK WHICH HAS BEEN REJECTED OR CONDEMNED SHALL BE REPAIRED, OR IF IT CANNOT BE REPAIRED SATISFACTORILY, IT SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. DEFECTIVE MATERIALS SHALL BE IMMEDIATELY REMOVED FROM THE WORK SITE. WORK DONE BEYOND THE LINE OR NOT IN CONFORMITY WITH THE GRADES SHOWN ON THE DRAWINGS OR AS PROVIDED, WORK DONE WITHOUT REQUIRED INSPECTION, OR ANY EXTRA OR UNCLASSIFIED WORK DONE WITHOUT WRITTEN AUTHORITY AND PRIOR AGREEMENT IN WRITING AS TO PRICES, SHALL BE AT THE CONTRACTOR'S RISK, AND WILL BE CONSIDERED UNAUTHORIZED, AND AT THE OPTION OF THE GOVERNING AUTHORITY MAY NOT BE MEASURED AND PAID FOR AND MAY BE ORDERED REMOVED AT THE CONTRACTOR'S EXPENSE. UPON FAILURE OF THE CONTRACTOR TO REPAIR SATISFACTORILY OR TO REMOVE AND REPLACE, IF SO DIRECTED, REJECTED, UNAUTHORIZED OR CONDEMNED WORK OR MATERIALS IMMEDIATELY AFTER RECEIVING NOTICE FROM THE TOWN OF ADDISON, THE GOVERNING AUTHORITY WILL, AFTER GIVING WRITTEN NOTICE TO THE CONTRACTOR, HAVE THE AUTHORITY TO CAUSE DEFECTIVE WORK TO BE REMOVED OR REMOVED AND REPLACED, OR TO CAUSE UNAUTHORIZED WORK TO BE REMOVED AND TO DEDUCT THE COST THEREOF FROM ANY MONIES DUE OR TO BECOME DUE THE CONTRACTOR.
- 36. DISPOSITION AND DISPOSAL OF EXCESS AND UNSUITABLE MATERIALS:** ALL MATERIALS TO BE REMOVED FROM THE SITE INCLUDING BUT NOT LIMITED TO EXCESS MATERIAL AND UNSUITABLE MATERIALS SUCH AS LARGE ROCKS, REFUSE, AND OTHER MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE PROJECT AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL ALSO COMPLY WITH ALL APPLICABLE LAWS GOVERNING SPILLAGE OF DEBRIS WHILE TRANSPORTING TO A DISPOSAL SITE.
- 37. SEEDING:** THE CONTRACTOR SHALL PROVIDE SEEDING, WATERING, FERTILIZING AND REQUIRED MAINTENANCE FOR THE GRASSING OF ALL UNPAVED AREAS OF DEDICATED RIGHT-OF-WAY, EASEMENTS, AND ALL OTHER DISTURBED AREAS OF CONSTRUCTION FOR THE PROJECT. SEEDING SHALL ALSO BE PROVIDED IN CONFORMANCE WITH THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN IN ORDER TO ESTABLISH A GRASS COVER ON DISTURBED AREAS SUBJECTED TO THE EROSION OF THE SOIL SURFACE.
- 38. RECORD DRAWINGS:** THE CONTRACTOR SHALL MAINTAIN AN ACCURATE RECORD OF THE INSTALLATION OF ALL MATERIALS AND SYSTEMS COVERED BY THE PROJECT CONTRACT DOCUMENTS. THESE RECORD PRINTS WILL BE REVIEWED BY THE ENGINEER EACH MONTH PRIOR TO THE PRELIMINARY REVIEW OF CONTRACTOR'S REQUEST FOR PAYMENT. IF THE DRAWINGS ARE NOT COMPLETE, ACCURATE AND UP-TO-DATE, THE ENGINEER WILL NOT ACCEPT THE PAYMENT REQUEST. THE COMPLETED SET OF "RECORD" DRAWINGS MUST BE DELIVERED TO THE ENGINEER BEFORE REQUESTING FINAL PAYMENT.

## ABBREVIATIONS

APPROX	APPROXIMATELY	G	GAS	R	RADIUS
ASPH	ASPHALT	GI	GRATE INLET	RCB	REINFORCED CONCRETE BOX
BC	BACK OF CURB	GM	GAS METER	RCI	RECESSED CURB INLET
B-B	BACK TO BACK OF CURB	HDPE	HIGH DENSITY POLYETHYLENE PIPE	RCP	REINFORCED CONCRETE PIPE
BM	BENCHMARK	HDWL	HEADWALL	RCQP	REINFORCED CONCRETE CYLINDRICAL PIPE
BW	BOTTOM OF WALL	HMAC	HOT MIX ASPHALTIC CONCRETE	REC	RECESSED
CATV	CABLE TV	HORIZ	HORIZONTAL	REINF	REINFORCED
CFS	CUBIC FEET PER SECOND	HP	HIGH POINT	RL	RIDGE LINE
CI	CURB INLET	HVAC	HEATING, VENTILATION AND AIR CONDITIONING	RW	RIGHT OF WAY
CMP	CORRUGATED METAL PIPE	IRR	IRRIGATION	RT	RIGHT
CO	CLEANOUT	JB	JUNCTION BOX	SF	SQUARE FEET
CONC	CONCRETE	JT	JOINT	SD	STORM DRAIN
CONST	CONSTRUCT	LF	LINEAR FEET	SO	SQUARE
CL	CENTER LINE	LP	LOW POINT	SS	SANITARY SEWER
DCO	DOUBLE CLEANOUT	LT	LEFT	STA	STATION
DIA	DIAMETER	MH	MANHOLE	SY	SQUARE YARD
DIP	DUCTILE IRON PIPE	N/A	NOT APPLICABLE	T	TELEPHONE
DW	DOMESTIC WATER	NG	NATURAL GROUND (EXISTING)	TC	TOP OF CURB
EL	ELEVATION	PC	POINT OF CURVATURE	TDUCT	TOP OF DUCT
EMH	ELECTRIC MANHOLE	PCC	POINT OF COMPOUND CURVATURE	TG	TOP OF GROUND
EP	EDGE OF PAVEMENT	PI	POINT OF INTERSECTION	TMH	TELEPHONE MANHOLE
EX	EXISTING	PIV	POST INDICATOR VALVE	TOS	TOE OF SLOPE
F	FACE OF CURB	PL	PROPERTY LINE	TP	TOP OF PAVEMENT
F-F	FACE TO FACE OF CURB	PP	POWER POLE	TIPE	TOP OF PIPE
FFE	FINISHED FLOOR ELEVATION	PRC	POINT OF REVERSE CURVATURE	TW	TOP OF WALL
FH	FIRE HYDRANT	PR	PROPOSED	TYP	TYPICAL
FM	FORCE MAIN	PT	POINT OF TANGENCY	UGE	UNDERGROUND ELECTRIC
FO	FIBER OPTICS	PVC	POLYVINYL CHLORIDE PIPE	VCP	VITRIFIED CLAY PIPE
FP	FINISHED PAD	PVMT	PAVEMENT	W	WATER
FPS	FEET PER SECOND	OCEW	ON CENTER EACH WAY	WV	WATER VALVE
FL	FLOW LINE	OHE	OVERHEAD ELECTRIC		
FUT	FUTURE				
FW	FIRE WATER				

## LEGEND

	EXISTING	PROPOSED	FUTURE	EXISTING	PROPOSED	FUTURE	EXISTING	PROPOSED	FUTURE	
PROPERTY LINE	---	---	N/A	8"SS	8"SS	8"SS	ELECTRIC TRANSFORMER	⊠	⊠	N/A
BUILDING	▨	▨	▨	SSMH	●	○	GAS METER	⊞	⊞	N/A
FINISH FLOOR ELEVATION	FFE=650.00	FFE=650.00	N/A	CO	●	○	GAS LINE	—G—	—G—	N/A
SPOT ELEVATION	x 650.50	x 650.50	N/A	PP	⊙	○	AIR CONDITIONING UNIT	⊞	⊞	N/A
CURB	—	—	—	DOWN GUY	—	—				
ASPHALT PAVEMENT	▨	▨	N/A	SIGN	⊠	⊠				
RIDGE LINE	N/A	—RL—	N/A	ACCESSIBLE PARKING	♿	♿				
SWALE or VALLEY CUTTER	—>	—>	N/A	RETAINING WALL	—	—				
CONTOUR LINE	675	675	674	WOOD FENCE	—○—	—○—				
STORM DRAIN	21"SD	21"SD		SCREEN WALL FENCE	—○—	—○—				
STORM DRAIN MANHOLE	⊞	⊞		CHAIN LINK FENCE	—○—	—○—				
CURB INLET	⊞	⊞		WIRE FENCE	—x—	—x—				
RECESSED CURB INLET	⊞	⊞		TREE	⊙	N/A				
GRATE INLET	⊞	■	N/A	OVERHEAD WIRES	—OHW—	N/A				
WATER LINE	—8"W—	—8"W—	—8"W—	OVERHEAD ELECTRIC LINE	—OHE—	—OHE—				
FIRE HYDRANT	⊞	⊞	N/A	UNDERGROUND ELECTRIC LINE	—UGE—	—UGE—				
WATER VALVE	⊞	⊞	N/A	UNDERGROUND TELEPHONE LINE	—UGT—	—UGT—				
WATER METER BOX	⊞	⊞	N/A	UNDERGROUND CABLE LINE	—CATV—	—CATV—				
IRRIGATION METER	N/A	⊞	N/A	ELECTRIC METER	⊞	⊞				

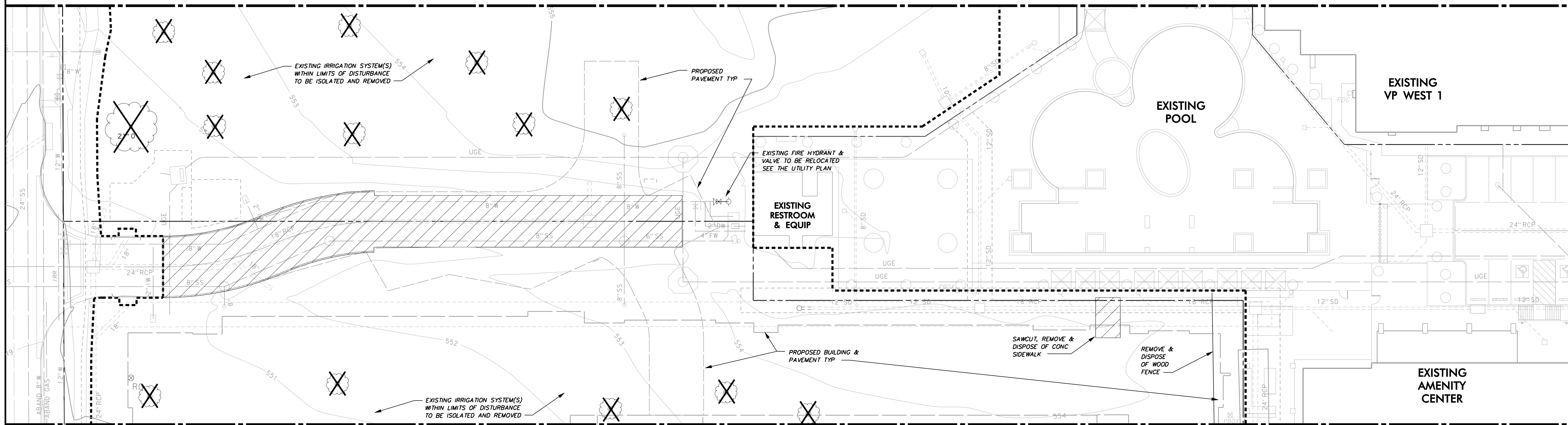


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<b>VITRUVIAN WEST 2</b>					
<b>VITRUVIAN PARK - TOWN OF ADDISON, TEXAS</b>					
<b>3725 VITRUVIAN WAY</b>					
<b>GENERAL CONSTRUCTION NOTES, LEGEND &amp; ABBREVIATIONS</b>					
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VITRUVIAN WEST 2 - PROJECT NO. 5019-1-B



MATCHLINE NORTH

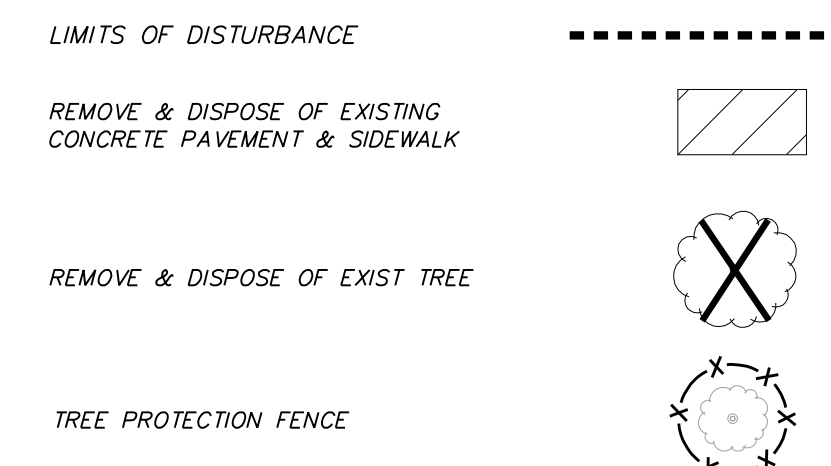


MATCHLINE SOUTH

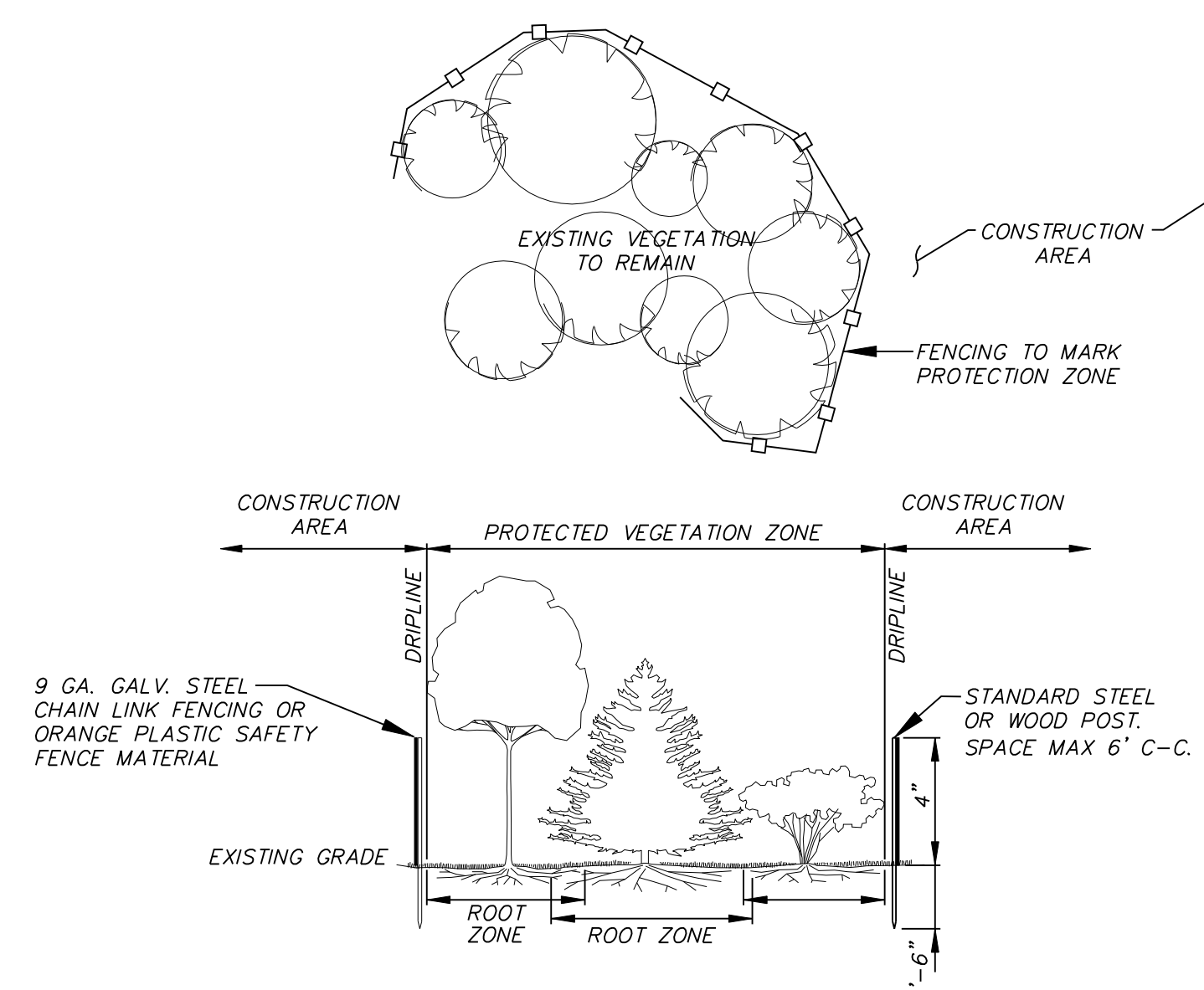
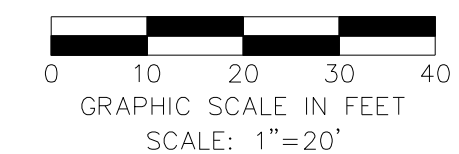
**DEMOLITION NOTES:**

- GENERAL CONSTRUCTION NOTES:** REFER TO SHEET C1.00 "GENERAL CONSTRUCTION NOTES, LEGEND AND ABBREVIATIONS" FOR THE GENERAL CONSTRUCTION NOTES FOR THE PROJECT.
- INGRESS AND EGRESS:** THE CONTRACTOR SHALL MAINTAIN INGRESS AND EGRESS TO THE SITE AND ADJACENT PROPERTIES AT ALL TIMES AND CONDUCT HIS OPERATIONS WITH MINIMUM INTERFERENCE TO PUBLIC OR PRIVATE ACCESSES.
- PROTECTION OF EXISTING FACILITIES:** CONTRACTOR SHALL PROVIDE, ERECT, AND MAINTAIN TEMPORARY BARRIERS, FENCING, BRACING AND SHORING, AND SECURITY DEVICES TO PROTECT EXISTING STRUCTURES, UTILITIES, APPURTENANCES, TREES AND LANDSCAPING, AND TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES WHICH ARE NOT TO BE DEMOLISHED AND/OR REMOVED.
- STORAGE OF MATERIALS FOR RE-USE:** CONTRACTOR SHALL REMOVE AND STORE ON SITE (WHERE DESIGNATED BY THE DEVELOPER), ALL MATERIALS (SUCH AS ASPHALT AND CONCRETE PAVEMENT & SUITABLE EARTHEN MATERIAL) TO BE SALVAGED OR RE-INSTALLED LATER IN CONSTRUCTION.
- FRANCHISE UTILITY COORDINATION:** THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH ALL FRANCHISE UTILITY COMPANIES FOR THE REMOVAL AND/OR RELOCATION OF THE RESPECTIVE UTILITY LINES AND APPARATUS USED BY EACH UTILITY. ALL WORK ASSOCIATED WITH FRANCHISE UTILITY REMOVAL RELOCATION AND/OR MODIFICATIONS ARE TO BE PERFORMED ONLY BY THAT UTILITY PROVIDER UNLESS SPECIFICALLY NOTED OTHERWISE.
- TREE REMOVAL:** THE TREES DESIGNATED TO BE REMOVED HAVE A LARGE "X" THROUGH THE TREE SYMBOL. STOCKPILING OF TREES AFTER CUTTING/REMOVAL IS NOT ALLOWED. CONTRACTOR SHALL DISPOSE OF TREE CARCASSES IMMEDIATELY AFTER THEY ARE TAKEN DOWN.
- SAWCUTTING OF EXISTING PAVEMENT:** SAWCUTTING, WHERE INDICATED ON THE DRAWINGS FOR REMOVAL OF EXISTING PAVEMENT, SHALL BE A FULL DEPTH CUT THAT IS NEAT AND TRUE IN ALIGNMENT. SAWCUT LINES SHOWN ARE FOR GENERAL REPRESENTATION ONLY AND MAY VARY DEPENDING ON EXISTING FIELD CONDITIONS OF PAVEMENT JOINTS. CONTRACTOR SHALL REFERENCE GOVERNING AUTHORITY PAVEMENT CUT AND REPAIR STANDARDS MANUAL.
- BACKFILLING:** THE CONTRACTOR SHALL BACKFILL ALL EXCAVATED AREAS CAUSED AS A RESULT OF DEMOLITION, AND PROVIDE POSITIVE DRAINAGE TO PREVENT PONDING OF WATER.
- REMOVAL OF MATERIALS FROM SITE:** ALL MATERIALS TO BE REMOVED FROM THE SITE INCLUDING BUT NOT LIMITED TO UNSUITABLE EARTHEN MATERIAL, UTILITY PIPING, FENCING, ROCK, TRASH, REFUSE AND OTHER DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE PROJECT AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS GOVERNING SPILLAGE OF DEBRIS WHILE TRANSPORTING TO A DISPOSAL SITE.
- REPLACEMENT OF DAMAGED FACILITIES:** ALL STRUCTURES, UTILITIES, PAVEMENT, SIDEWALKS, WALLS, FENCES, ETC. NOT DESIGNATED TO BE REMOVED BUT THAT ARE DAMAGED DURING CONSTRUCTION ACTIVITIES SHALL BE REPLACED TO A CONDITION AS GOOD AS OR BETTER THAN THE CONDITIONS PRIOR TO STARTING THE WORK, SOLELY AT THE EXPENSE OF THE CONTRACTOR.
- ACCESS TO PROPERTIES:** DURING THE CONSTRUCTION OF THIS PROJECT, STREET AND SIDEWALK ACCESS TO ADJUTING PROPERTIES MUST BE MAINTAINED AT ALL TIMES.

**LEGEND**



BM #1 REF. ELEVATION = 547.84  
 SQUARE CUT IN TOP OF CURB, NORTH MEDIAN END NOSE,  
 AT INTERSECTION OF VITRUVIAN WAY AND MARSH LANE.  
 BM #2 REF. ELEVATION = 559.47  
 SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END  
 NOSE, MARSH LANE 1127' NORTH OF VITRUVIAN WAY.



**TREE PROTECTION & LIMITS OF DISTURBANCE FENCING DETAIL**

**WARNING**

CONTRACTOR IS TO CONTACT TEXAS ONE-CALL SYSTEM (1-800-245-4545) OR OTHER UTILITY LOCATING SERVICES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITIES. ICON CONSULTING ENGINEERS, INC. IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES IN THE PROJECT AREA NOR FOR DEPICTING THE EXACT LOCATIONS OF UTILITIES ON THESE DRAWINGS.

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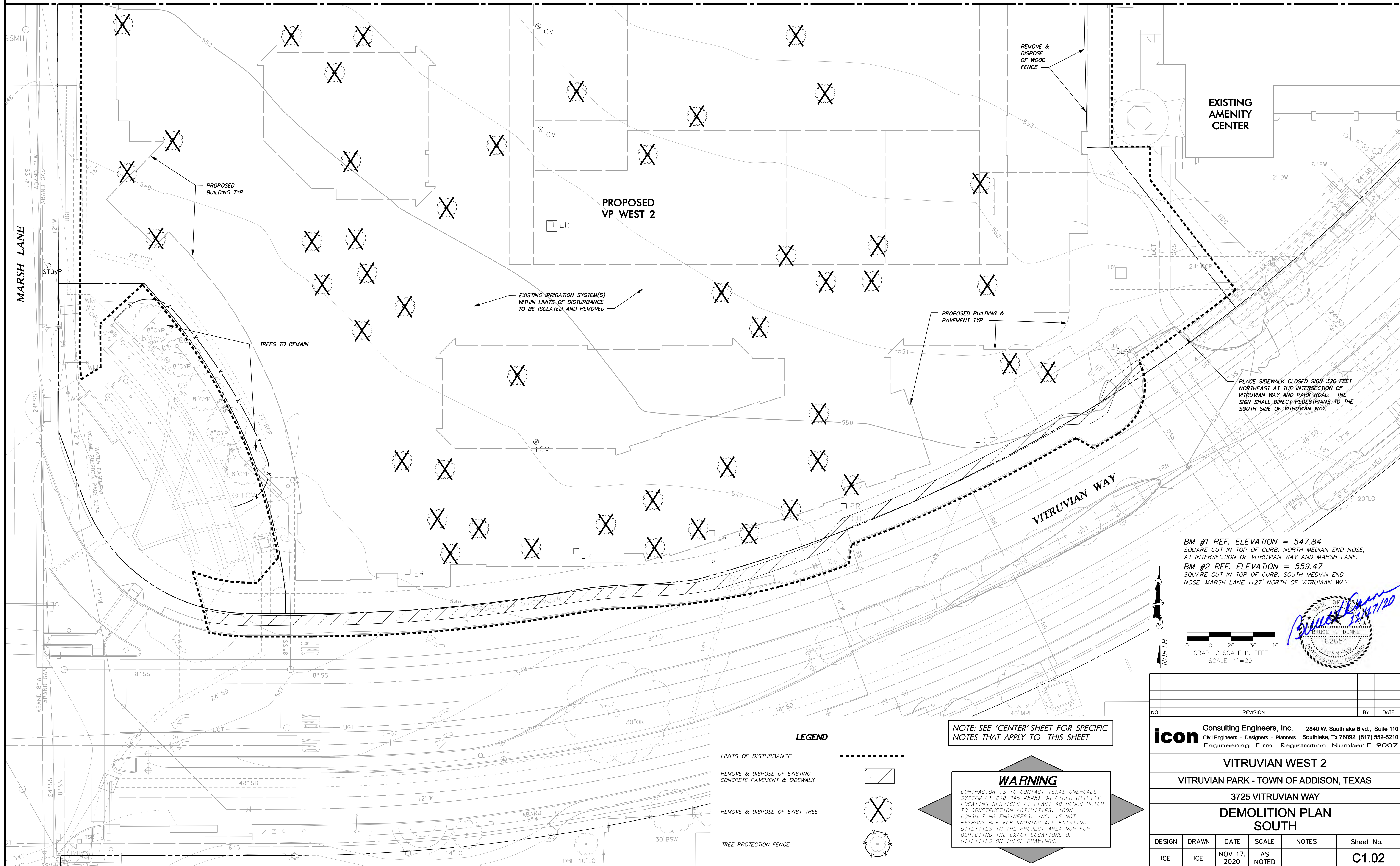
**VITRUVIAN WEST 2**  
 VITRUVIAN PARK - TOWN OF ADDISON, TEXAS  
 3725 VITRUVIAN WAY  
**DEMOLITION PLAN**  
 CENTER

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VITRUVIAN WEST 2 - PROJECT NO. 5019-18



MATCHLINE CENTER



PROPOSED BUILDING TYP

PROPOSED VP WEST 2

PROPOSED BUILDING & PAVEMENT TYP

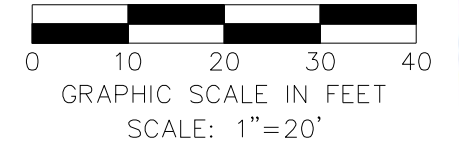
EXISTING AMENITY CENTER

EXISTING IRRIGATION SYSTEM(S) WITHIN LIMITS OF DISTURBANCE TO BE ISOLATED AND REMOVED

TREES TO REMAIN

PLACE SIDEWALK CLOSED SIGN 320 FEET NORTHEAST AT THE INTERSECTION OF VITRUVIAN WAY AND PARK ROAD. THE SIGN SHALL DIRECT PEDESTRIANS TO THE SOUTH SIDE OF VITRUVIAN WAY.

BM #1 REF. ELEVATION = 547.84  
 SQUARE CUT IN TOP OF CURB, NORTH MEDIAN END NOSE,  
 AT INTERSECTION OF VITRUVIAN WAY AND MARSH LANE.  
 BM #2 REF. ELEVATION = 559.47  
 SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END  
 NOSE, MARSH LANE 1127' NORTH OF VITRUVIAN WAY.



**LEGEND**

- LIMITS OF DISTURBANCE
- REMOVE & DISPOSE OF EXISTING CONCRETE PAVEMENT & SIDEWALK
- REMOVE & DISPOSE OF EXIST TREE
- TREE PROTECTION FENCE

NOTE: SEE 'CENTER' SHEET FOR SPECIFIC NOTES THAT APPLY TO THIS SHEET

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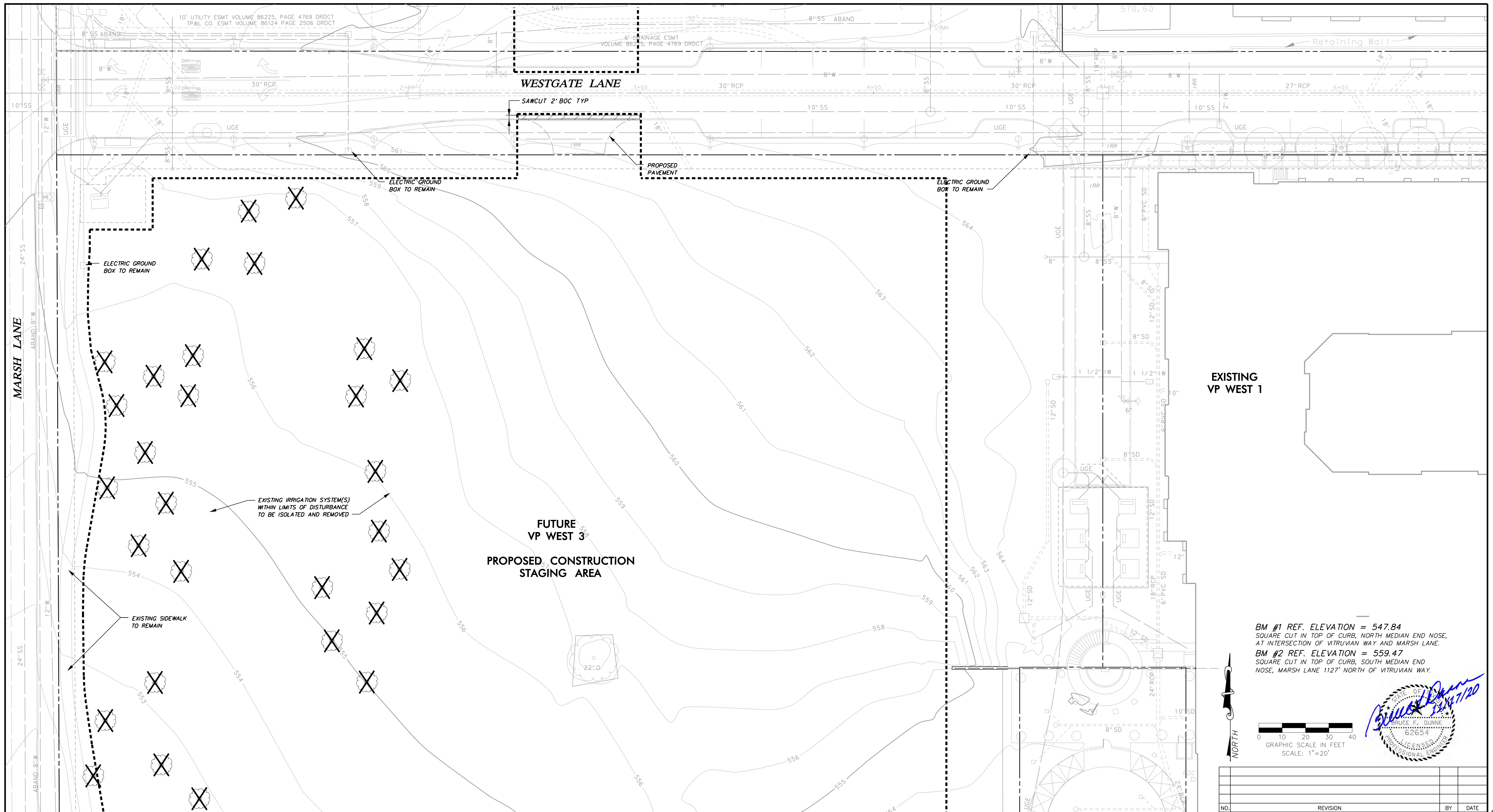
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**VITRUVIAN WEST 2**  
 VITRUVIAN PARK - TOWN OF ADDISON, TEXAS  
 3725 VITRUVIAN WAY  
**DEMOLITION PLAN**  
**SOUTH**

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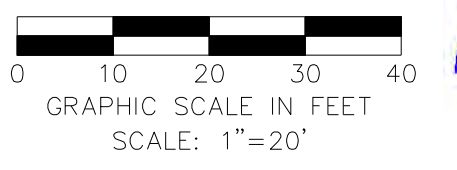




EXISTING  
VP WEST 1


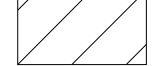


FUTURE  
VP WEST 3  
PROPOSED CONSTRUCTION  
STAGING AREA

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NOSE, MARSH LANE 1127' NORTH OF VITRUVIAN WAY.



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**LEGEND**

- LIMITS OF DISTURBANCE 
- REMOVE & DISPOSE OF EXISTING CONCRETE PAVEMENT & SIDEWALK 
- REMOVE & DISPOSE OF EXIST TREE 
- TREE PROTECTION FENCE 

NOTE: SEE "CENTER" SHEET FOR SPECIFIC NOTES THAT APPLY TO THIS SHEET

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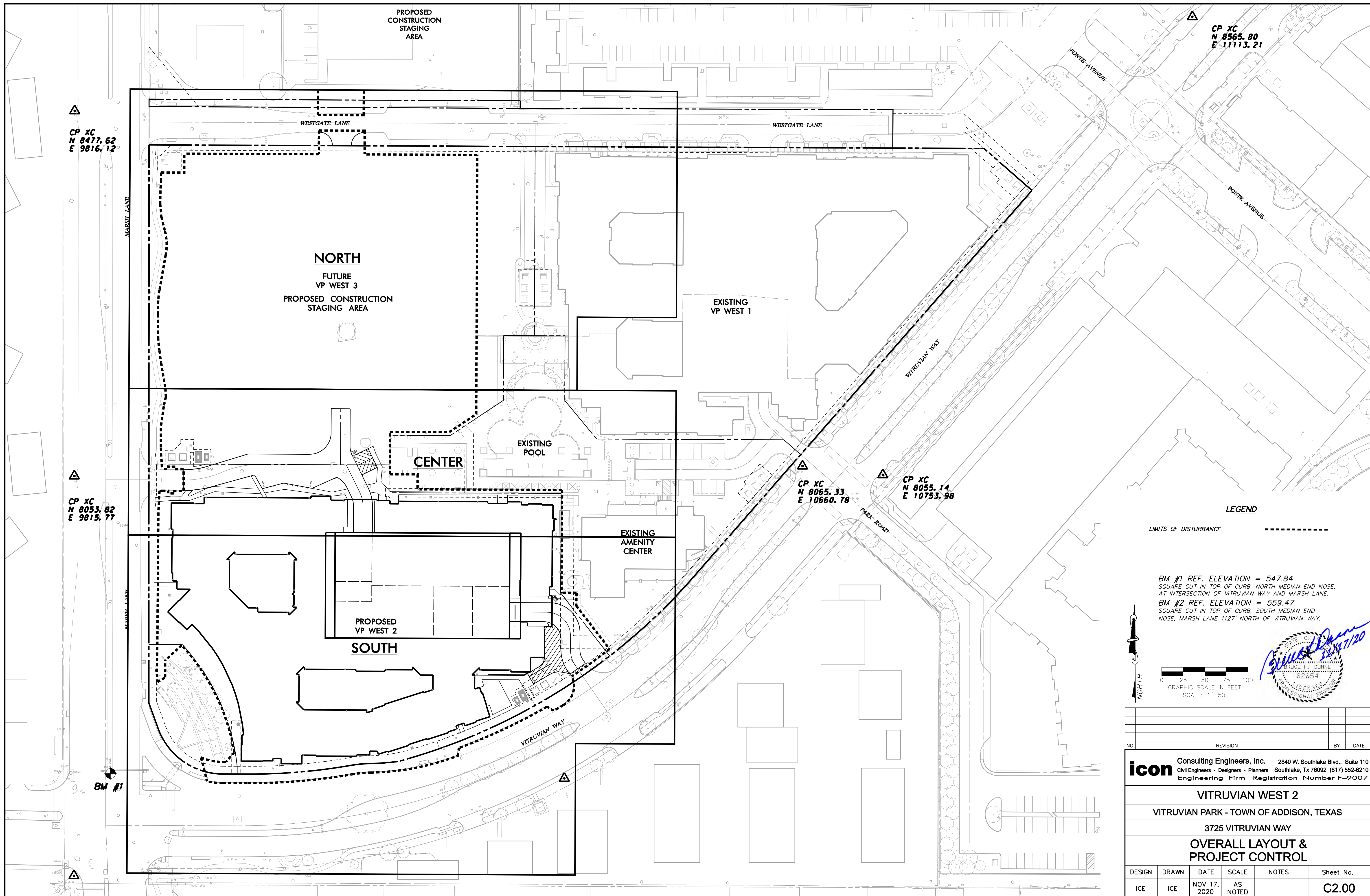
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**VITRUVIAN WEST 2**  
VITRUVIAN PARK - TOWN OF ADDISON, TEXAS  
3725 VITRUVIAN WAY  
**DEMOLITION PLAN**  
NORTH

DESIGN	DRAWN	DATE	SCALE	NOTES	Sheet No.
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VITRUVIAN WEST 2 - PROJECT NO. 5019-18





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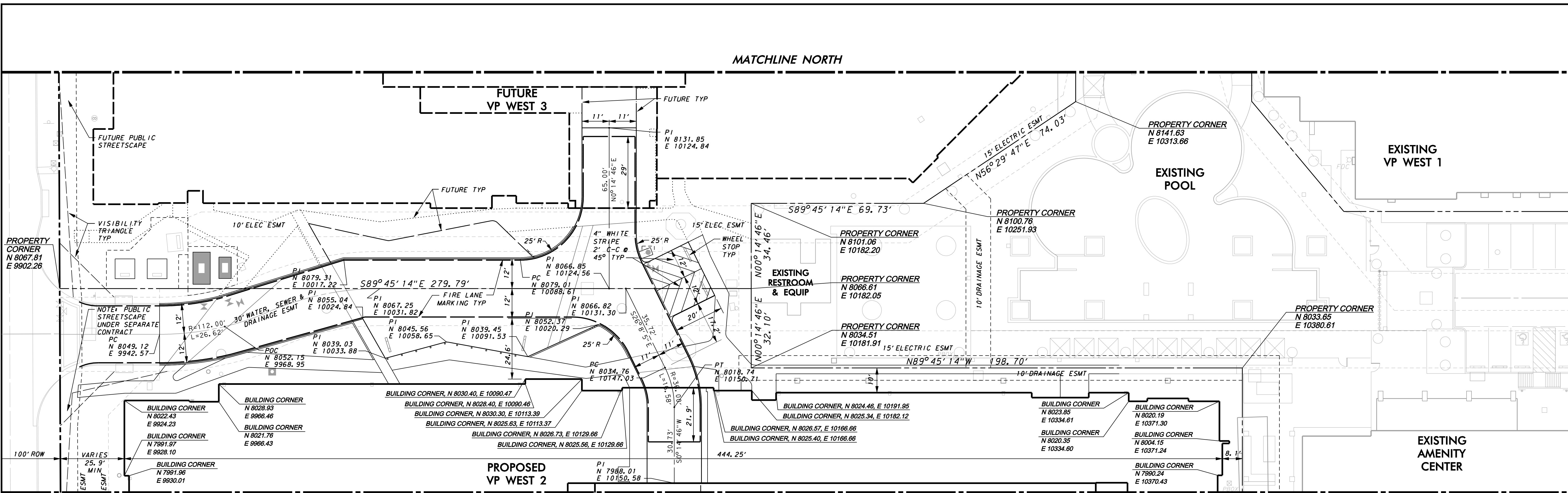
**VITRUVIAN WEST 2**  
VITRUVIAN PARK - TOWN OF ADDISON, TEXAS  
3725 VITRUVIAN WAY  
**OVERALL LAYOUT & PROJECT CONTROL**

NO. REVISION BY DATE

DESIGN DRAWN DATE SCALE NOTES Sheet No.  
ICE ICE NOV 17, 2020 AS NOTED C2.00

VITRUVIAN WEST 2 - PROJECT NO. 5019-18



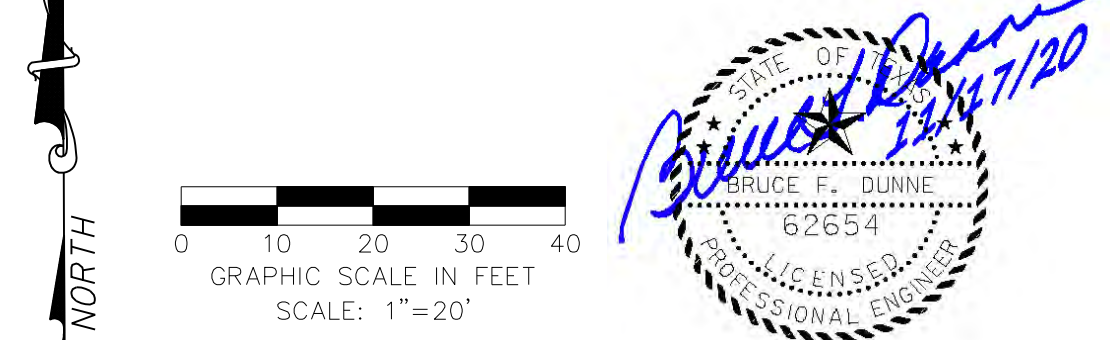


NOTE: SEE LANDSCAPE SHEETS FOR ADDITIONAL PLAZA LAYOUT DETAILS

LAYOUT & DIMENSIONAL CONTROL NOTES

- GENERAL CONSTRUCTION NOTES:** REFER TO SHEET C1.00 "GENERAL CONSTRUCTION NOTES, LEGEND AND ABBREVIATIONS" FOR THE GENERAL CONSTRUCTION NOTES FOR THE PROJECT.
- SURVEYING:** ALL SURVEYING REQUIRED FOR CONSTRUCTION STAKING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE DEVELOPER SHALL PROVIDE THE PROPERTY CORNERS AND TWO BENCHMARKS FOR USE AS HORIZONTAL AND VERTICAL DATUM. THE CONTRACTOR SHALL EMPLOY A REGISTERED PROFESSIONAL LAND SURVEYOR TO PERFORM ALL ADDITIONAL SURVEY, LAYOUT AND MEASUREMENT WORK NECESSARY FOR THE COMPLETION OF THE PROJECT.
- PROTECTION OF PROPERTY CORNERS AND BENCHMARKS:** THE CONTRACTOR SHALL PROTECT ALL PROPERTY CORNER MARKERS AND BENCHMARKS, AND WHEN ANY SUCH MARKERS OR MONUMENTS ARE IN DANGER OF BEING DISTURBED, THEY SHALL BE PROPERLY REFERENCED AND IF DISTURBED, SHALL BE RESET BY A REGISTERED PUBLIC SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.
- DIMENSIONAL CONTROL:** ALL PAVING DIMENSIONS AND COORDINATES SHOWN ARE TO FACE OF CURB WHERE APPLICABLE. ALL DIMENSIONS SHOWN AT PI CURB POINTS ARE AT THE INTERSECTION OF THE FACE OF CURB.
- CURB RADII:** ALL CURB RADII SHALL BE 2' TO FACE OF CURB UNLESS OTHERWISE NOTED.
- BUILDING DIMENSIONS:** CONTRACTOR SHALL REFER TO BUILDING PLANS FOR ACTUAL BUILDING DIMENSIONS. THE DIMENSIONS AND CORNERS SHOWN ARE TO FACE OF OUTSIDE EDGE OF FOUNDATION OF BUILDING.
- FIRE LANE MARKING:** FIRE LANE MARKING SHALL CONSIST OF 6" SOLID RED STRIPE WITH "FIRE LANE - NO PARKING" STENCILED IN FOUR INCH HIGH WHITE LETTERS AT 25' INTERVALS. MARKING TO BE PROVIDED PER LOCAL AUTHORITY REQUIREMENTS.

BM #1 REF. ELEVATION = 547.84  
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 BM #2 REF. ELEVATION = 559.47  
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 NOSE, MARSH LANE 1127' NORTH OF VITRUVIAN WAY.



**WARNING**  
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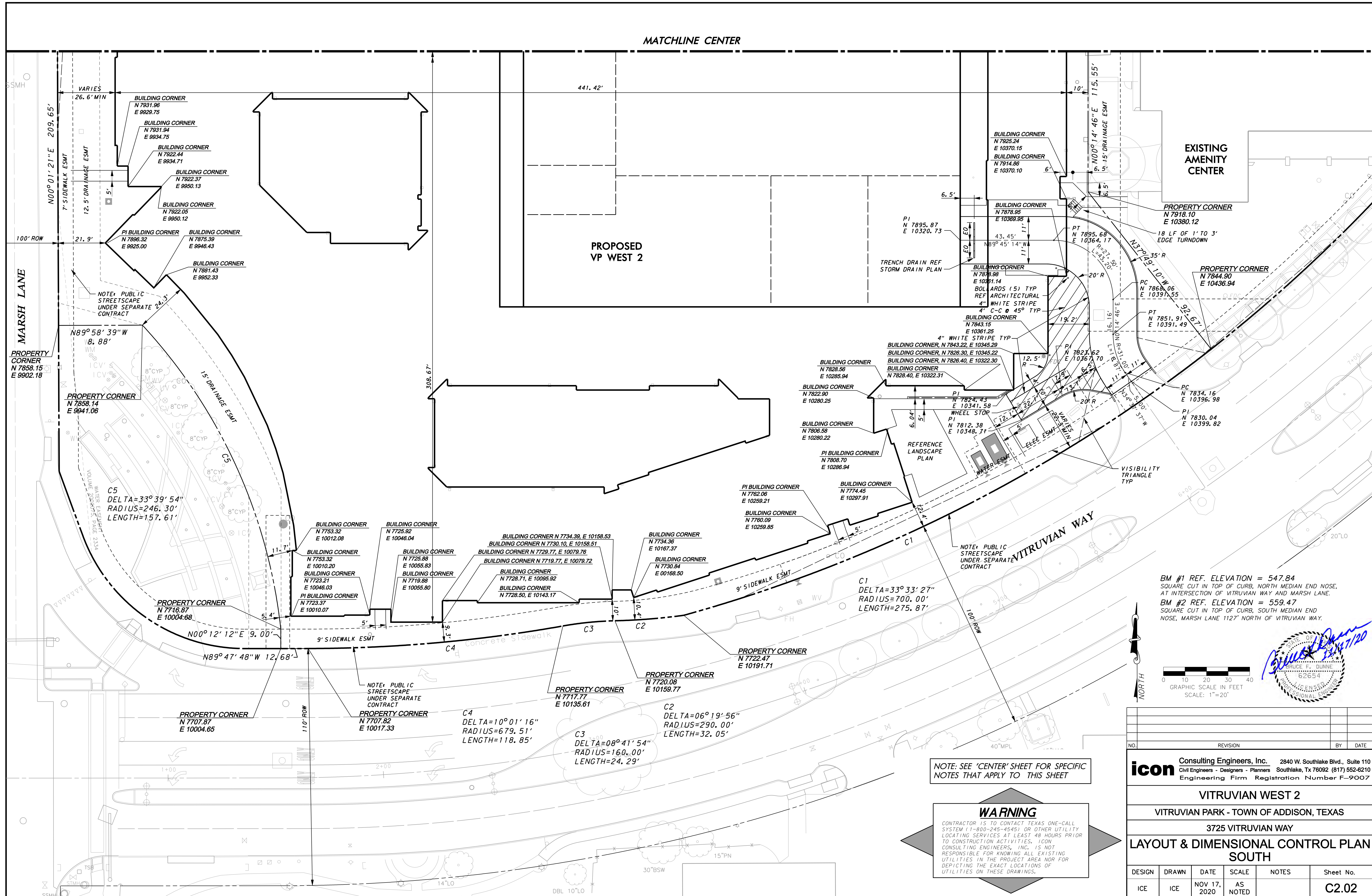
**VITRUVIAN WEST 2**  
 VITRUVIAN PARK - TOWN OF ADDISON, TEXAS  
 3725 VITRUVIAN WAY  
**LAYOUT & DIMENSIONAL CONTROL PLAN**  
**CENTER**

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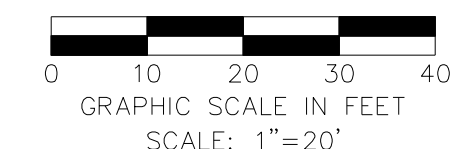
VITRUVIAN WEST 2 - PROJECT NO. 5019-18



MATCHLINE CENTER



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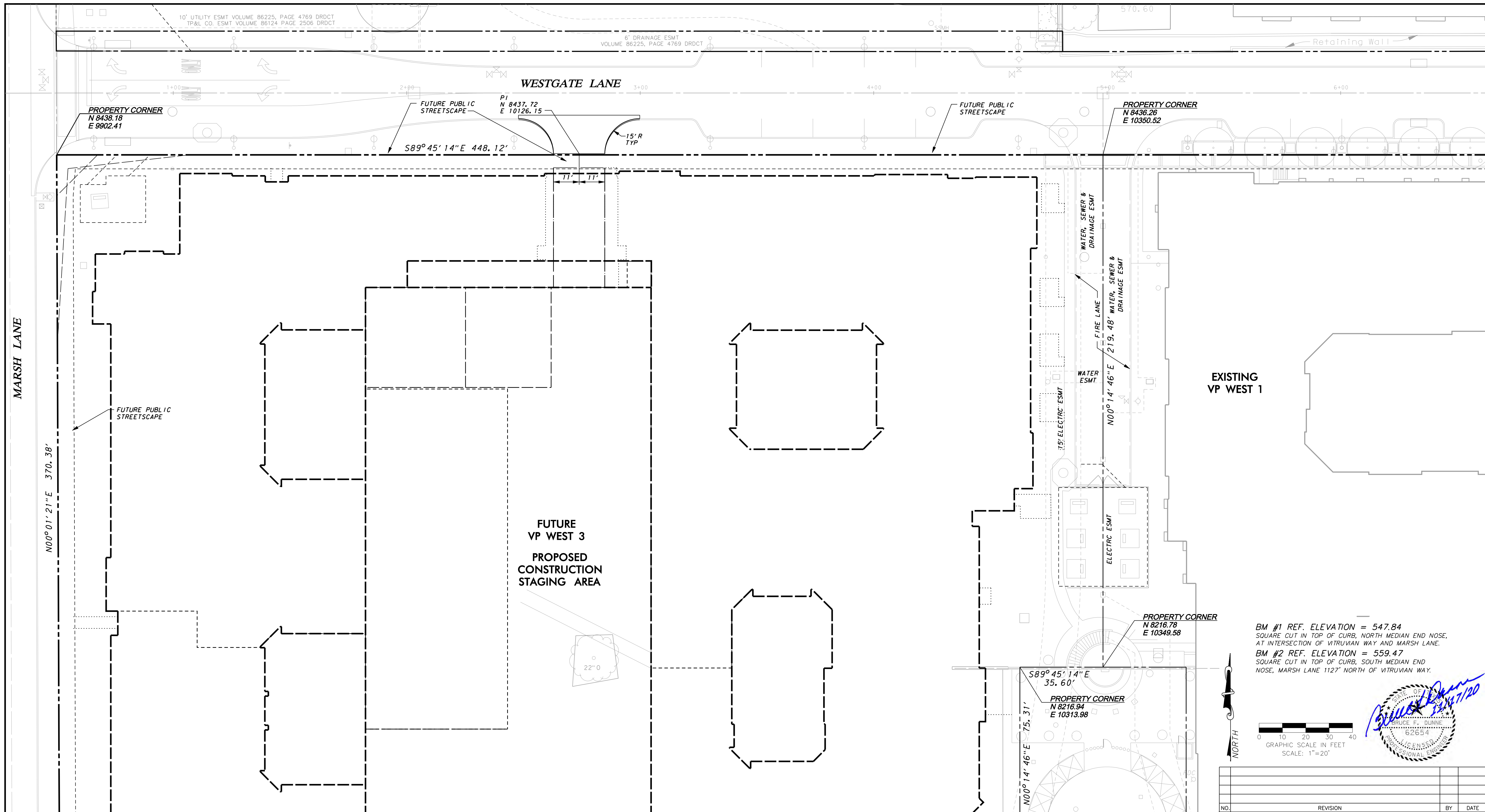
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 Engineering Firm Registration Number F-9007

**VITRUVIAN WEST 2**  
 VITRUVIAN PARK - TOWN OF ADDISON, TEXAS  
 3725 VITRUVIAN WAY  
**LAYOUT & DIMENSIONAL CONTROL PLAN**  
**SOUTH**

DESIGN	DRAWN	DATE	SCALE	NOTES	Sheet No.
ICE	ICE	NOV 17, 2020	AS NOTED		<b>C2.02</b>

VITRUVIAN WEST 2 - PROJECT NO. 5019-18





10' UTILITY ESMT VOLUME 86225, PAGE 4769 DRDCT  
 TP&L CO. ESMT VOLUME 86124, PAGE 2506 DRDCT

6' DRAINAGE ESMT  
 VOLUME 86225, PAGE 4769 DRDCT

570.60

Retaining Wall

WESTGATE LANE

PROPERTY CORNER  
 N 8438.18  
 E 9902.41

FUTURE PUBLIC  
 STREETSCAPE  
 P1  
 N 8437.72  
 E 10126.15

FUTURE PUBLIC  
 STREETSCAPE

PROPERTY CORNER  
 N 8436.26  
 E 10350.52

S89°45'14"E 448.12'

15' R  
 TYP

MARSH LANE

FUTURE PUBLIC  
 STREETSCAPE

N00°01'21"E 370.38'

FUTURE  
 VP WEST 3  
 PROPOSED  
 CONSTRUCTION  
 STAGING AREA

WATER, SEWER &  
 DRAINAGE ESMT

FIRE LANE

WATER, SEWER &  
 DRAINAGE ESMT

WATER  
 ESMT

15' ELECTRIC ESMT

ELECTRIC ESMT

EXISTING  
 VP WEST 1

PROPERTY CORNER  
 N 8216.78  
 E 10349.58

BM #1 REF. ELEVATION = 547.84  
 SQUARE CUT IN TOP OF CURB, NORTH MEDIAN END NOSE,  
 AT INTERSECTION OF VITRUVIAN WAY AND MARSH LANE.  
 BM #2 REF. ELEVATION = 559.47  
 SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END  
 NOSE, MARSH LANE 112' NORTH OF VITRUVIAN WAY.

S89°45'14"E 35.60'  
 PROPERTY CORNER  
 N 8216.94  
 E 10313.98

N00°14'46"E 75.31'



0 10 20 30 40  
 GRAPHIC SCALE IN FEET  
 SCALE: 1"=20'



MATCHLINE CENTER

NOTE: SEE 'CENTER' SHEET FOR SPECIFIC  
 NOTES THAT APPLY TO THIS SHEET

**WARNING**  
 CONTRACTOR IS TO CONTACT TEXAS ONE-CALL  
 SYSTEM (1-800-245-4545) OR OTHER UTILITY  
 LOCATING SERVICES AT LEAST 48 HOURS PRIOR  
 TO CONSTRUCTION ACTIVITIES. ICON  
 CONSULTING ENGINEERS, INC. IS NOT  
 RESPONSIBLE FOR KNOWING ALL EXISTING  
 UTILITIES IN THE PROJECT AREA NOR FOR  
 DEPICTING THE EXACT LOCATIONS OF  
 UTILITIES ON THESE DRAWINGS.

NO.	REVISION	BY	DATE

**icon** Consulting Engineers, Inc. 2840 W. Southlake Blvd., Suite 110  
 Civil Engineers - Designers - Planners Southlake, Tx 76092 (817) 552-6210  
 Engineering Firm Registration Number F-9007

**VITRUVIAN WEST 2**  
 VITRUVIAN PARK - TOWN OF ADDISON, TEXAS  
 3725 VITRUVIAN WAY  
**LAYOUT & DIMENSIONAL CONTROL PLAN**  
**NORTH**

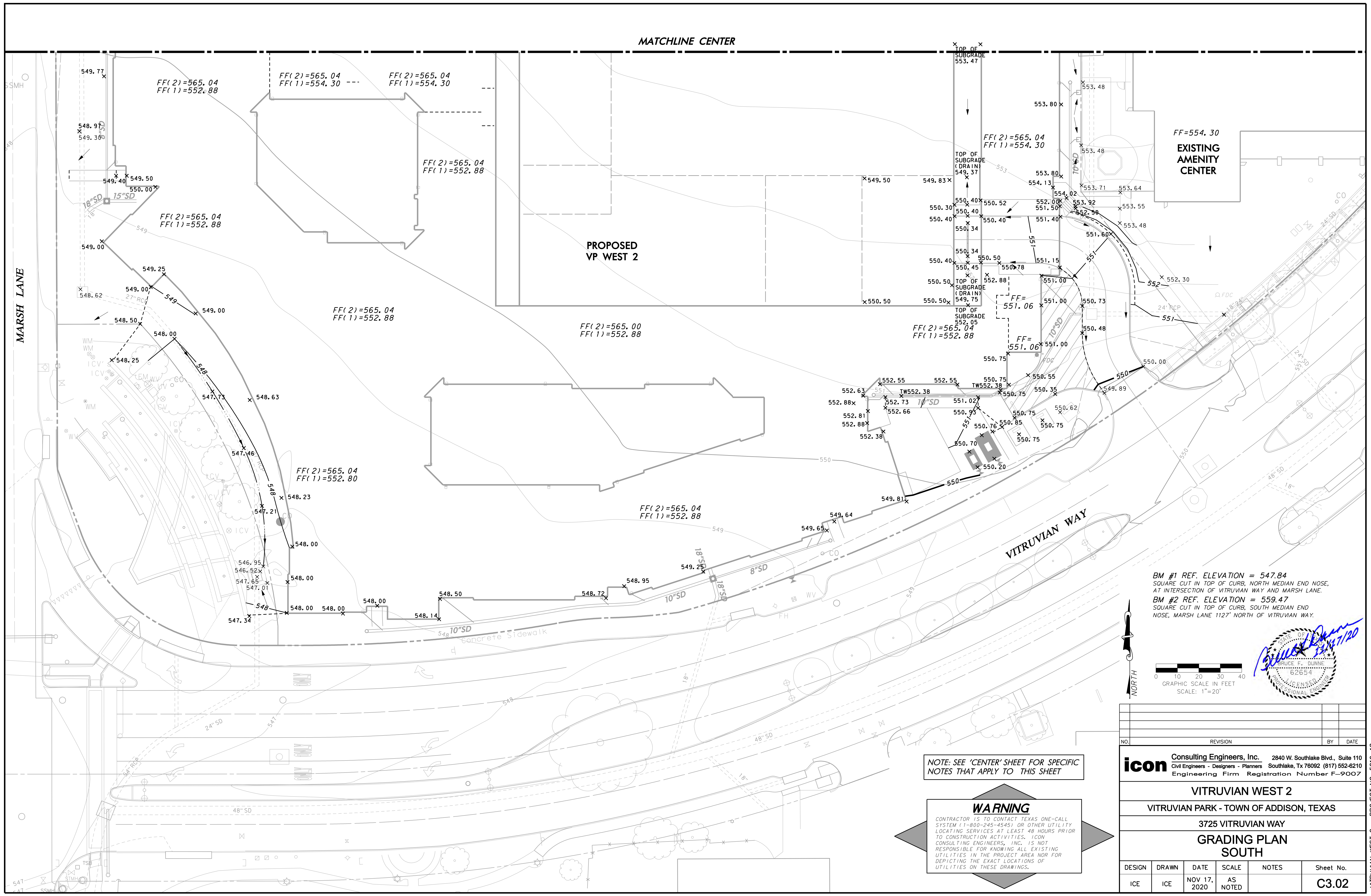
DESIGN	DRAWN	DATE	SCALE	NOTES	Sheet No.
ICE	ICE	NOV 17, 2020	AS NOTED		<b>C2.03</b>



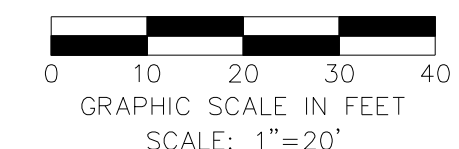




MATCHLINE CENTER



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 AT INTERSECTION OF VITRUVIAN WAY AND MARSH LANE.  
 BM #2 REF. ELEVATION = 559.47  
 SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END  
 NOSE, MARSH LANE 1127' NORTH OF VITRUVIAN WAY.



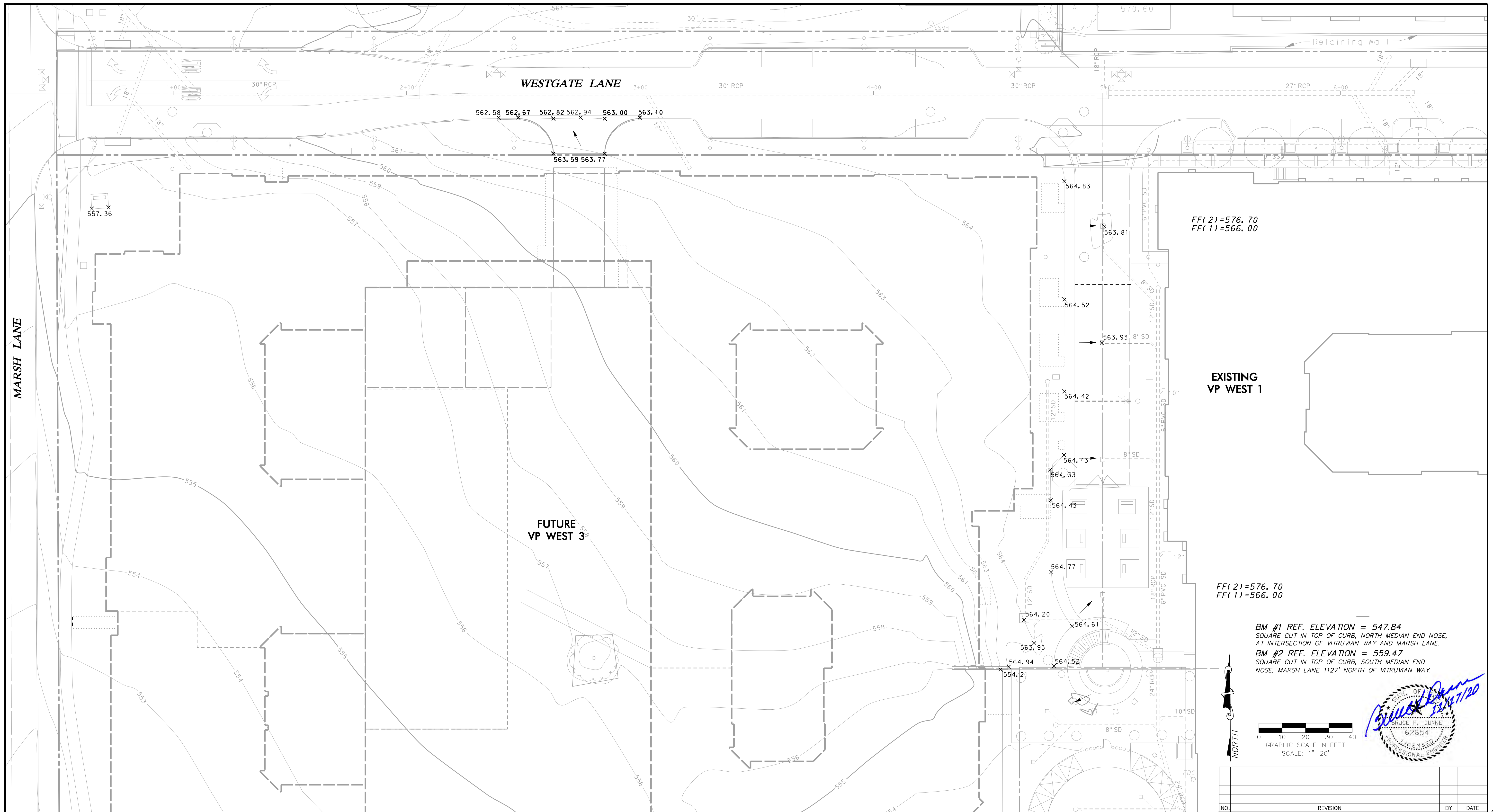
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<b>icon Consulting Engineers, Inc.</b> 2840 W. Southlake Blvd., Suite 110 Civil Engineers - Designers - Planners Southlake, TX 76092 (817) 552-6210 Engineering Firm Registration Number F-9007					
<b>VITRUVIAN WEST 2</b> VITRUVIAN PARK - TOWN OF ADDISON, TEXAS 3725 VITRUVIAN WAY <b>GRADING PLAN</b> <b>SOUTH</b>					
DESIGN	DRAWN	DATE	SCALE	NOTES	Sheet No.
ICE	ICE	NOV 17, 2020	AS NOTED		<b>C3.02</b>

VITRUVIAN WEST 2 - PROJECT NO. 5019-18



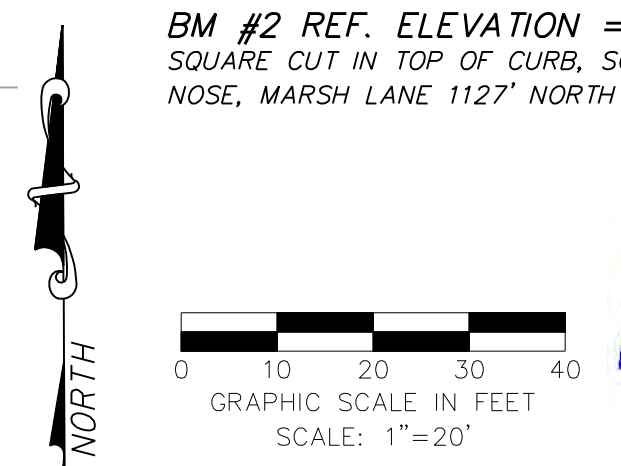


MATCHLINE CENTER

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 SQUARE CUT IN TOP OF CURB, NORTH MEDIAN END NOSE, AT INTERSECTION OF VITRUVIAN WAY AND MARSH LANE.  
 BM #2 REF. ELEVATION = 559.47  
 SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END NOSE, MARSH LANE 1127' NORTH OF VITRUVIAN WAY.



NO.	REVISION	BY	DATE

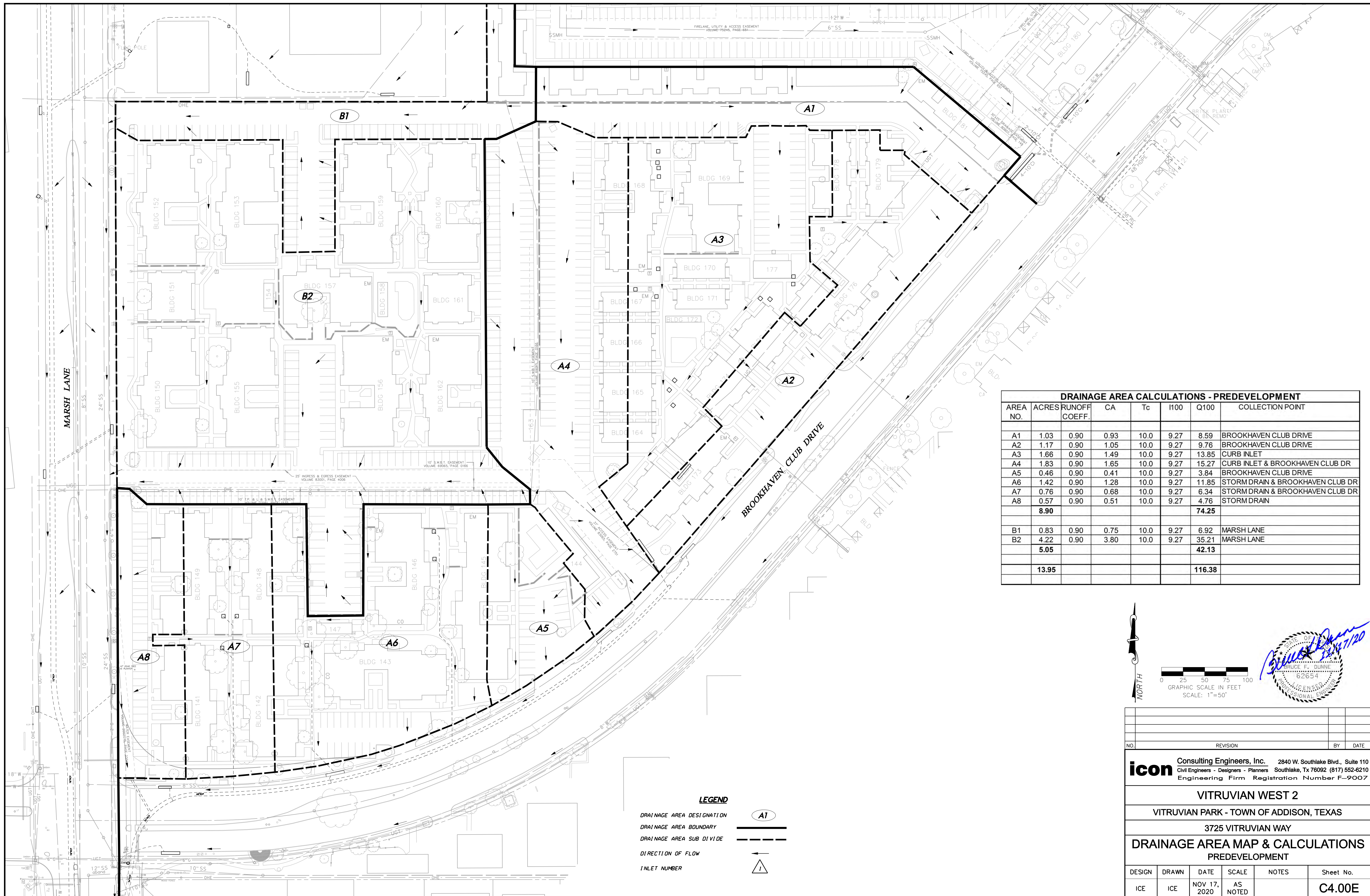
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**VITRUVIAN WEST 2**  
 VITRUVIAN PARK - TOWN OF ADDISON, TEXAS  
 3725 VITRUVIAN WAY  
**GRADING PLAN**  
**NORTH**

DESIGN	DRAWN	DATE	SCALE	NOTES	Sheet No.
ICE	ICE	NOV 17, 2020	AS NOTED		<b>C3.03</b>

VITRUVIAN WEST 2 - PROJECT NO. 5019-18





DRAINAGE AREA CALCULATIONS - PREDEVELOPMENT							
AREA NO.	ACRES	RUNOFF COEFF.	CA	Tc	I100	Q100	COLLECTION POINT
A1	1.03	0.90	0.93	10.0	9.27	8.59	BROOKHAVEN CLUB DRIVE
A2	1.17	0.90	1.05	10.0	9.27	9.76	BROOKHAVEN CLUB DRIVE
A3	1.66	0.90	1.49	10.0	9.27	13.85	CURB INLET
A4	1.83	0.90	1.65	10.0	9.27	15.27	CURB INLET & BROOKHAVEN CLUB DR
A5	0.46	0.90	0.41	10.0	9.27	3.84	BROOKHAVEN CLUB DRIVE
A6	1.42	0.90	1.28	10.0	9.27	11.85	STORM DRAIN & BROOKHAVEN CLUB DR
A7	0.76	0.90	0.68	10.0	9.27	6.34	STORM DRAIN & BROOKHAVEN CLUB DR
A8	0.57	0.90	0.51	10.0	9.27	4.76	STORM DRAIN
	<b>8.90</b>					<b>74.25</b>	
B1	0.83	0.90	0.75	10.0	9.27	6.92	MARSH LANE
B2	4.22	0.90	3.80	10.0	9.27	35.21	MARSH LANE
	<b>5.05</b>					<b>42.13</b>	
	<b>13.95</b>					<b>116.38</b>	

NORTH

0 25 50 75 100  
GRAPHIC SCALE IN FEET  
SCALE: 1"=50'

**LEGEND**

DRAINAGE AREA DESIGNATION A1

DRAINAGE AREA BOUNDARY

DRAINAGE AREA SUB DIVIDE

DIRECTION OF FLOW

INLET NUMBER 1

NO.	REVISION	BY	DATE

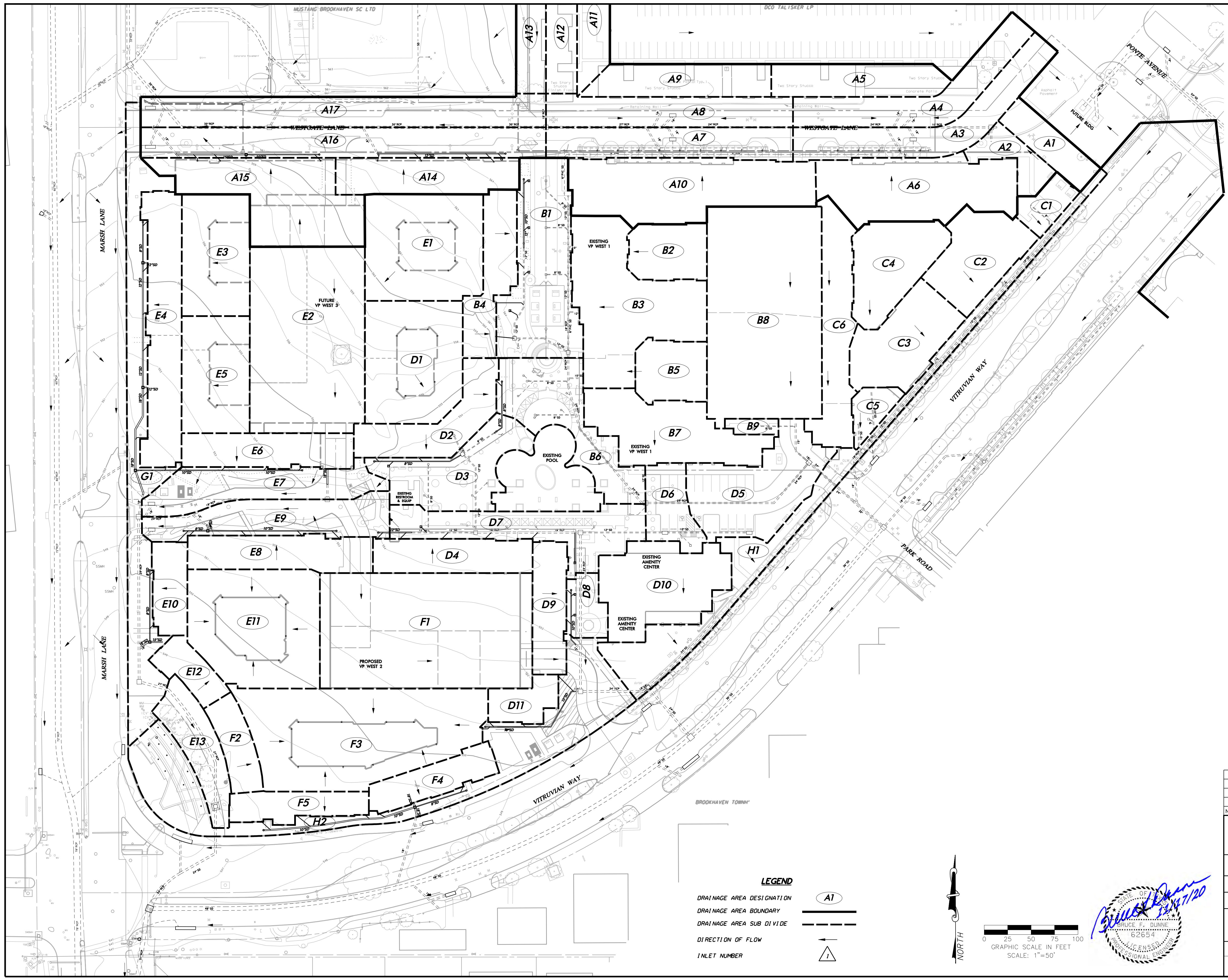
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Civil Engineers - Designers - Planners Southlake, TX 76092 (817) 552-6210  
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**VITRUVIAN WEST 2**  
VITRUVIAN PARK - TOWN OF ADDISON, TEXAS  
3725 VITRUVIAN WAY  
**DRAINAGE AREA MAP & CALCULATIONS**  
PREDEVELOPMENT

DESIGN	DRAWN	DATE	SCALE	NOTES	Sheet No.
ICE	ICE	NOV 17, 2020	AS NOTED		<b>C4.00E</b>

VITRUVIAN WEST 2 - PROJECT NO. 5019-1B





DRAINAGE AREA CALCULATIONS - POSTDEVELOPMENT							
AREA NO.	ACRES	RUNOFF COEFF.	CA	Tc	I100	Q100	COLLECTION POINT
A1	0.09	0.90	0.08	10.0	9.27	0.75	STORM DRAIN
A2	0.07	0.90	0.06	10.0	9.27	0.58	STORM DRAIN
A3	0.19	0.90	0.17	10.0	9.27	1.60	CURB INLET
A4	0.17	0.90	0.15	10.0	9.27	1.40	CURB INLET
A5	0.15	0.90	0.14	10.0	9.27	1.25	STORM DRAIN
A6	0.31	0.90	0.28	10.0	9.27	2.59	STORM DRAIN
A7	0.20	0.90	0.18	10.0	9.27	1.67	CURB INLET
A8	0.20	0.90	0.18	10.0	9.27	1.67	CURB INLET
A9	0.15	0.90	0.14	10.0	9.27	1.25	STORM DRAIN
A10	0.36	0.90	0.32	10.0	9.27	3.00	STORM DRAIN
A11	0.09	0.90	0.08	10.0	9.27	0.75	STORM DRAIN
A12	0.10	0.90	0.09	10.0	9.27	0.83	CURB INLET
A13	0.09	0.90	0.08	10.0	9.27	0.74	CURB INLET
A14	0.17	0.90	0.15	10.0	9.27	1.42	STORM DRAIN
A15	0.32	0.90	0.29	10.0	9.27	2.67	STORM DRAIN
A16	0.32	0.90	0.29	10.0	9.27	2.67	CURB INLET
A17	0.30	0.90	0.27	10.0	9.27	2.51	CURB INLET
<b>3.28</b>						<b>27.36</b>	
B1	0.33	0.90	0.30	10.0	9.27	2.75	AREA DRAINS
B2	0.11	0.90	0.10	10.0	9.27	0.92	STORM DRAIN
B3	0.37	0.90	0.33	10.0	9.27	3.09	STORM DRAIN
B4	0.15	0.90	0.14	10.0	9.27	1.25	STORM DRAIN
B5	0.11	0.90	0.10	10.0	9.27	0.92	STORM DRAIN
B6	0.24	0.90	0.22	10.0	9.27	2.00	AREA DRAINS
B7	0.25	0.90	0.23	10.0	9.27	2.09	STORM DRAIN
B8	0.64	0.90	0.58	10.0	9.27	5.34	STORM DRAIN
B9	0.02	0.90	0.02	10.0	9.27	0.17	AREA DRAIN
<b>2.22</b>						<b>18.52</b>	
C1	0.05	0.90	0.05	10.0	9.27	0.42	STORM DRAIN
C2	0.18	0.90	0.16	10.0	9.27	1.50	STORM DRAIN
C3	0.20	0.90	0.18	10.0	9.27	1.67	STORM DRAIN
C4	0.19	0.90	0.17	10.0	9.27	1.59	STORM DRAIN
C5	0.05	0.90	0.05	10.0	9.27	0.42	STORM DRAIN
C6	0.20	0.90	0.18	10.0	9.27	1.67	STORM DRAIN
<b>0.87</b>						<b>7.26</b>	
D1	0.31	0.90	0.28	10.0	9.27	2.59	STORM DRAIN
D2	0.17	0.90	0.15	10.0	9.27	1.42	STORM DRAIN
D3	0.21	0.90	0.19	10.0	9.27	1.75	AREA DRAINS
D4	0.14	0.90	0.13	10.0	9.27	1.17	STORM DRAIN
D5	0.27	0.90	0.24	10.0	9.27	2.25	CURB INLET
D6	0.10	0.90	0.09	10.0	9.27	0.83	CURB INLET
D7	0.24	0.90	0.22	10.0	9.27	2.00	AREA DRAINS
D8	0.06	0.90	0.05	10.0	9.27	0.50	AREA DRAINS
D9	0.12	0.90	0.11	10.0	9.27	1.00	STORM DRAIN
D10	0.22	0.90	0.20	10.0	9.27	1.84	STORM DRAIN
D11	0.07	0.90	0.06	10.0	9.27	0.58	STORM DRAIN
<b>1.91</b>						<b>15.94</b>	
E1	0.33	0.90	0.30	10.0	9.27	2.75	STORM DRAIN
E2	0.56	0.90	0.50	10.0	9.27	4.67	STORM DRAIN
E3	0.22	0.90	0.20	10.0	9.27	1.84	STORM DRAIN
E4	0.26	0.90	0.23	10.0	9.27	2.17	STORM DRAIN
E5	0.21	0.90	0.19	10.0	9.27	1.75	STORM DRAIN
E6	0.15	0.90	0.14	10.0	9.27	1.25	STORM DRAIN
E7	0.21	0.90	0.19	10.0	9.27	1.75	CURB INLET
E8	0.17	0.90	0.15	10.0	9.27	1.42	STORM DRAIN
E9	0.22	0.90	0.20	10.0	9.27	1.84	CURB INLET
E10	0.08	0.90	0.07	10.0	9.27	0.67	STORM DRAIN
E11	0.38	0.90	0.34	10.0	9.27	3.17	STORM DRAIN
E12	0.07	0.90	0.06	10.0	9.27	0.58	STORM DRAIN
E13	0.13	0.90	0.12	10.0	9.27	1.08	DROP INLET
<b>2.99</b>						<b>24.95</b>	
F1	0.64	0.90	0.58	10.0	9.27	5.34	STORM DRAIN
F2	0.08	0.90	0.07	10.0	9.27	0.67	STORM DRAIN
F3	0.55	0.90	0.50	10.0	9.27	4.59	STORM DRAIN
F4	0.11	0.90	0.10	10.0	9.27	0.92	STORM DRAIN
F5	0.10	0.90	0.09	10.0	9.27	0.83	STORM DRAIN
<b>1.48</b>						<b>12.35</b>	
G1	0.38	0.90	0.34	10.0	9.27	3.17	MARSH LANE
<b>0.38</b>						<b>3.17</b>	
H1	0.34	0.90	0.31	10.0	9.27	2.84	VITRUVIAN WAY
H2	0.48	0.90	0.43	10.0	9.27	4.00	VITRUVIAN WAY
<b>0.82</b>						<b>6.84</b>	
<b>13.95</b>						<b>116.38</b>	

**LEGEND**

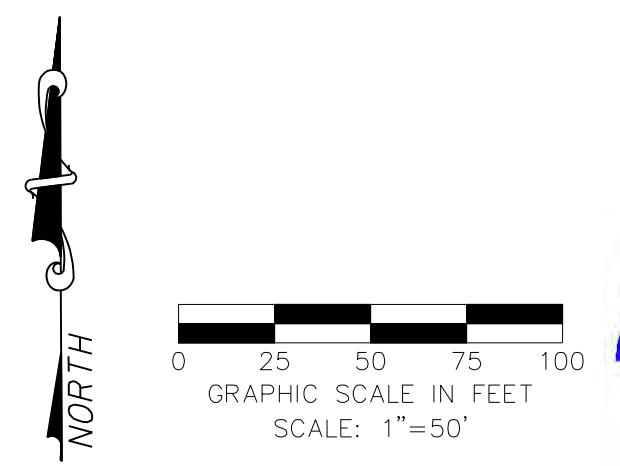
DRAINAGE AREA DESIGNATION A1

DRAINAGE AREA BOUNDARY

DRAINAGE AREA SUB DIVIDE

DIRECTION OF FLOW

INLET NUMBER 1

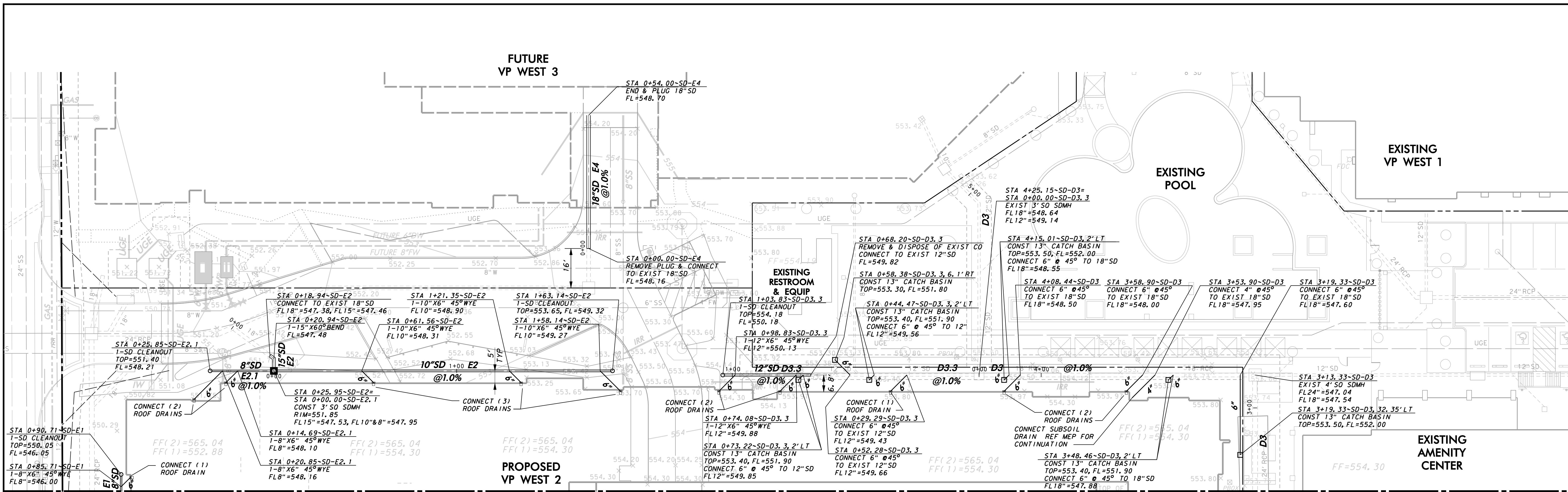


*George F. Dunne*  
 GEORGE F. DUNNE  
 62654  
 LICENSED PROFESSIONAL ENGINEER

NO.	REVISION	BY	DATE
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<b>VITRUVIAN WEST 2</b> VITRUVIAN PARK - TOWN OF ADDISON, TEXAS 3725 VITRUVIAN WAY <b>DRAINAGE AREA MAP &amp; CALCULATIONS</b> POSTDEVELOPMENT			
DESIGN	DRAWN	DATE	SCALE
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NOTES	Sheet No.		
	<b>C4.00P</b>		

VITRUVIAN WEST 2 - PROJECT NO. 5019-18





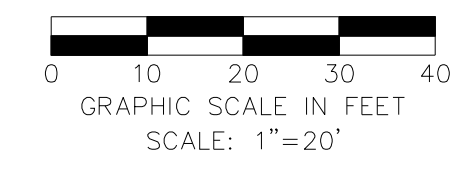
MATCHLINE SOUTH

STORM DRAIN NOTES

1. GENERAL CONSTRUCTION NOTES: REFER TO SHEET C1.00 "GENERAL CONSTRUCTION NOTES, LEGEND AND ABBREVIATIONS" FOR THE GENERAL CONSTRUCTION NOTES FOR THE PROJECT.
2. PROTECTION OF UTILITIES: THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS FOR THE SUPPORT AND PROTECTION OF ALL UTILITY POLES, FENCES, TREES, SHRUBS, GAS MAINS, TELEPHONE CABLES, ELECTRIC CABLES, DRAINAGE PIPES, UTILITY SERVICES, AND ALL OTHER UTILITIES AND STRUCTURES BOTH ABOVE AND BELOW THE GROUND.
3. PUBLIC STORM DRAIN PIPE: UNLESS OTHERWISE NOTED ON THE DRAWINGS, ALL PIPE FOR PUBLIC STORM DRAIN IMPROVEMENTS SHALL BE REINFORCED CONCRETE PIPE (RCP), CLASS III. PUBLIC STORM DRAIN IMPROVEMENTS INCLUDE PUBLIC RIGHT-OF-WAY, PUBLIC PARK AREA, AND EASEMENTS ADJACENT TO PUBLIC RIGHT-OF-WAY DESIGNATED FOR SIDEWALK, UTILITIES AND DRAINAGE.
4. PRIVATE STORM DRAIN PIPE: UNLESS OTHERWISE NOTED ON THE DRAWINGS, ALL PIPE FOR PRIVATE STORM DRAIN IMPROVEMENTS SHALL BE AS FOLLOWS:  
 GREATER THAN 36": REINFORCED CONCRETE PIPE (RCP), CLASS III  
 18" THROUGH 36": REINFORCED CONCRETE PIPE (RCP), CLASS III OR HIGH DENSITY POLYETHYLENE PIPE (HDPE), N-12  
 4" THROUGH 15": POLYVINYL CHLORIDE PIPE (PVC), SDR - 35, OR HIGH DENSITY POLYETHYLENE PIPE (HDPE), N-12
5. RCP JOINT SEALANT: REINFORCED CONCRETE PIPE JOINTS SHALL BE SEALED WITH RAMNECK OR APPROVED EQUAL.
6. GROUTING: ALL PIPE ENTERING PUBLIC STORM DRAIN STRUCTURES SHALL BE GROUTED TO ASSURE WATERTIGHT CONNECTIONS.
7. CONCRETE COLLARS: CONCRETE COLLARS SHALL BE INSTALLED AT ALL CHANGES IN CONDUIT SIZE AND AT ALL JOINTS THAT ARE PULLED IN EXCESS OF THAT RECOMMENDED BY THE CONDUIT MANUFACTURER.
8. DRAINS: THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF ROOF DRAIN LATERALS WITH BUILDING PLANS FOR DOWNSPOUT CONNECTIONS. END AND CAP ROOF DRAIN LATERALS TWO (2) FEET FROM BUILDING AT 12" BELOW FINISH GRADE FOR CONNECTION OF DOWNSPOUTS.
9. ADJUSTMENT OF STRUCTURES: ALL STORM DRAIN STRUCTURES INCLUDING MANHOLES, INLETS AND CLEANOUTS MUST BE ADJUSTED TO PROPER LINE AND GRADE BY THE CONTRACTOR PRIOR TO, AND AFTER, PLACEMENT OF PAVING AND GRASSING.

ALL STORM DRAIN SHOWN IS PRIVATE

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 SQUARE CUT IN TOP OF CURB, NORTH MEDIAN END NOSE,  
 AT INTERSECTION OF VITRUVIAN WAY AND MARSH LANE.  
 BM #2 REF. ELEVATION = 559.47  
 SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END  
 NOSE, MARSH LANE 1127' NORTH OF VITRUVIAN WAY.



**WARNING**

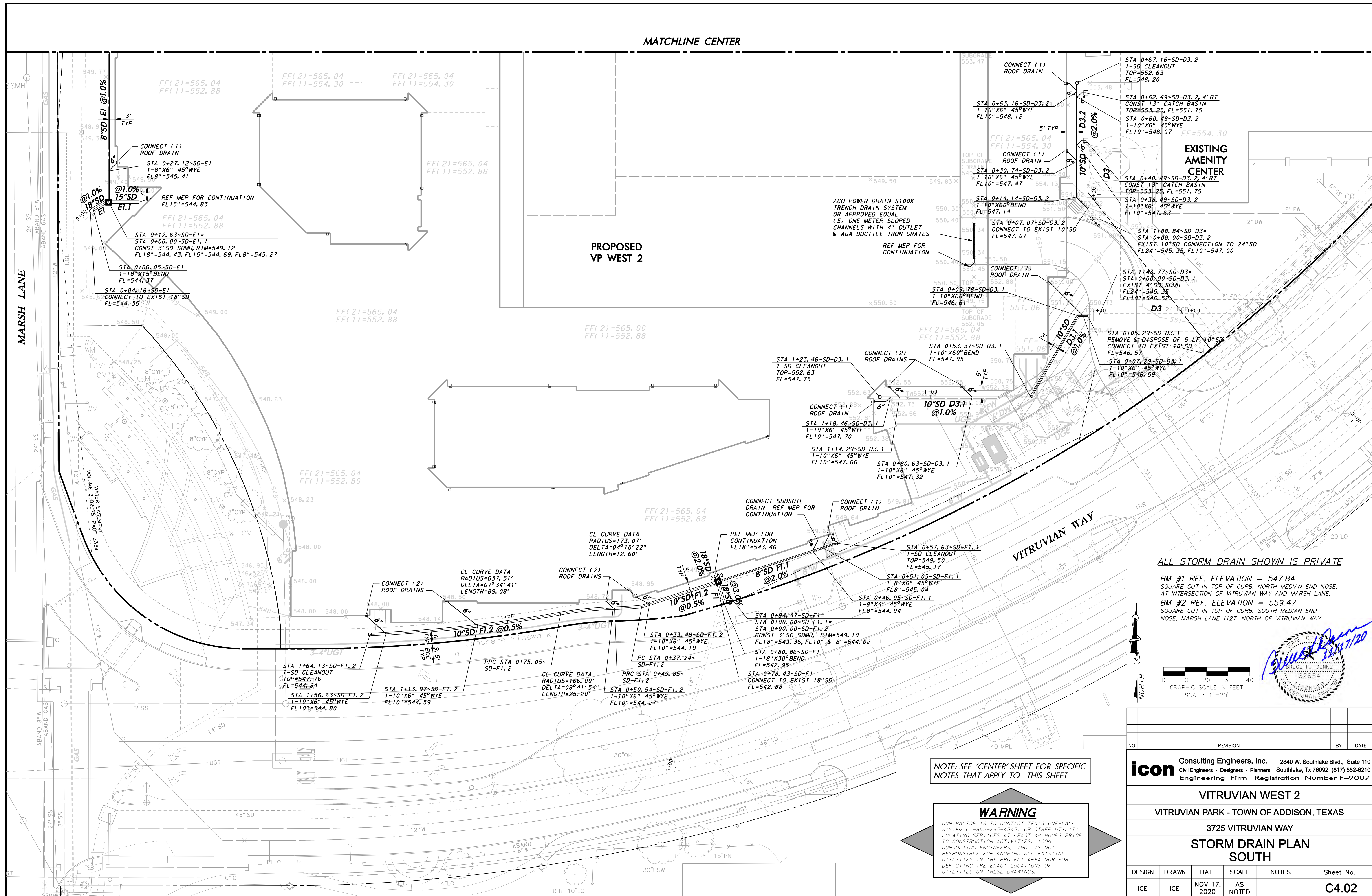
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<b>VITRUVIAN WEST 2</b> <b>VITRUVIAN PARK - TOWN OF ADDISON, TEXAS</b> <b>3725 VITRUVIAN WAY</b> <b>STORM DRAIN PLAN</b> <b>CENTER</b>			
DESIGN	DRAWN	DATE	SCALE
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NOTES	Sheet No.		
	C4.01		

VITRUVIAN WEST 2 - PROJECT NO. 5019-18



MATCHLINE CENTER

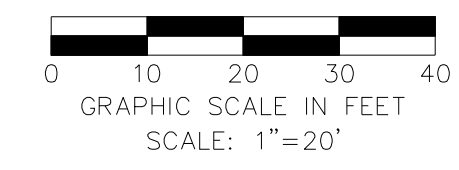


PROPOSED VP WEST 2

EXISTING AMENITY CENTER

ALL STORM DRAIN SHOWN IS PRIVATE

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 SQUARE CUT IN TOP OF CURB, NORTH MEDIAN END NOSE,  
 AT INTERSECTION OF VITRUVIAN WAY AND MARSH LANE.  
 BM #2 REF. ELEVATION = 559.47  
 SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END  
 NOSE, MARSH LANE 1127' NORTH OF VITRUVIAN WAY.



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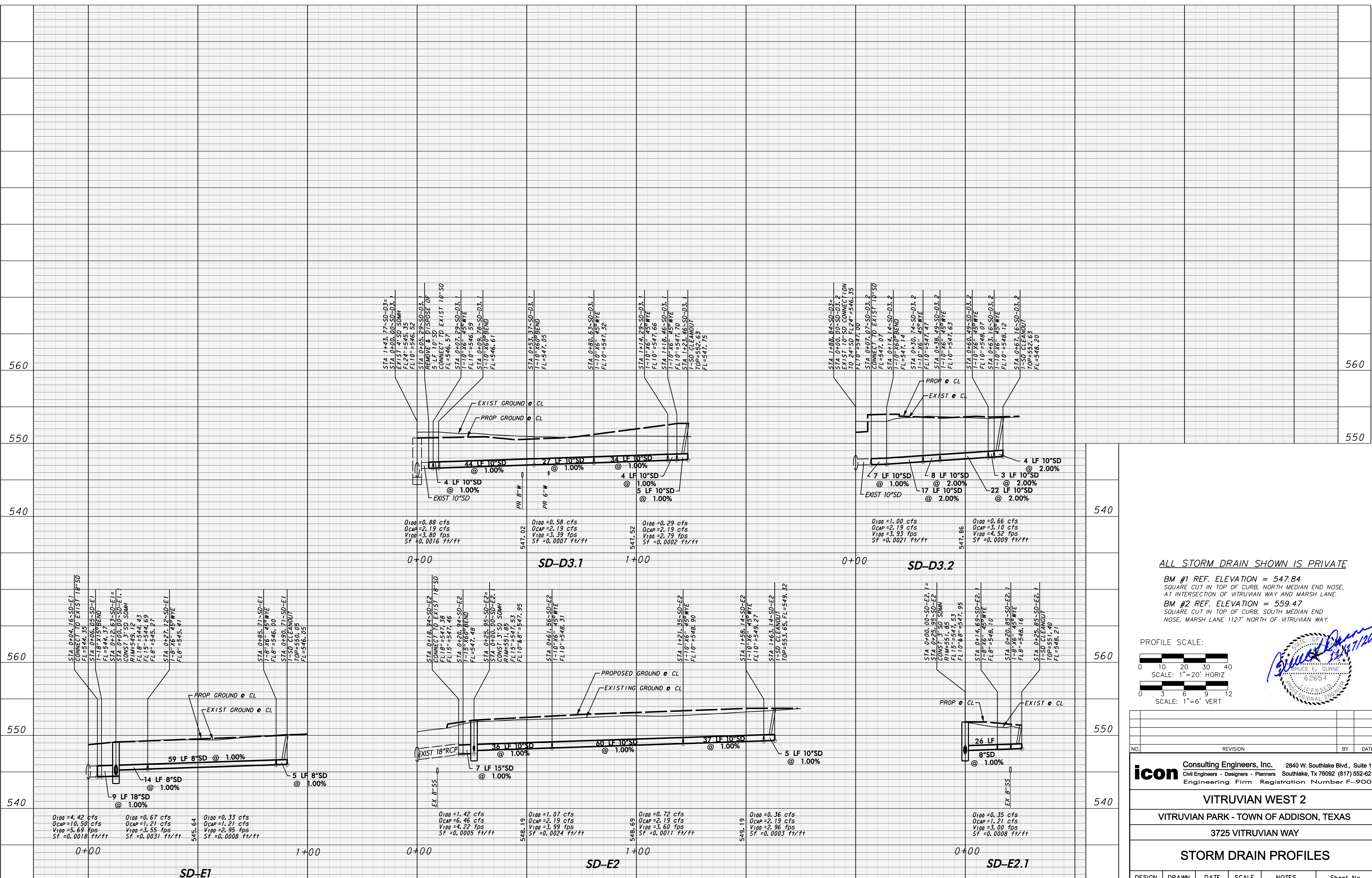
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**VITRUVIAN WEST 2**  
 VITRUVIAN PARK - TOWN OF ADDISON, TEXAS  
 3725 VITRUVIAN WAY  
**STORM DRAIN PLAN SOUTH**

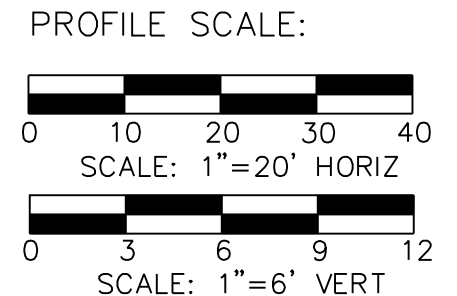
DESIGN	DRAWN	DATE	SCALE	NOTES	Sheet No.
ICE	ICE	NOV 17, 2020	AS NOTED		<b>C4.02</b>

VITRUVIAN WEST 2 - PROJECT NO. 5019-18





ALL STORM DRAIN SHOWN IS PRIVATE  
 BM #1 REF. ELEVATION = 547.84  
 SQUARE CUT IN TOP OF CURB, NORTH MEDIAN END NOSE,  
 AT INTERSECTION OF VITRUVIAN WAY AND MARSH LANE.  
 BM #2 REF. ELEVATION = 559.47  
 SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END  
 NOSE, MARSH LANE 1127' NORTH OF VITRUVIAN WAY.



NO.	REVISION	BY	DATE

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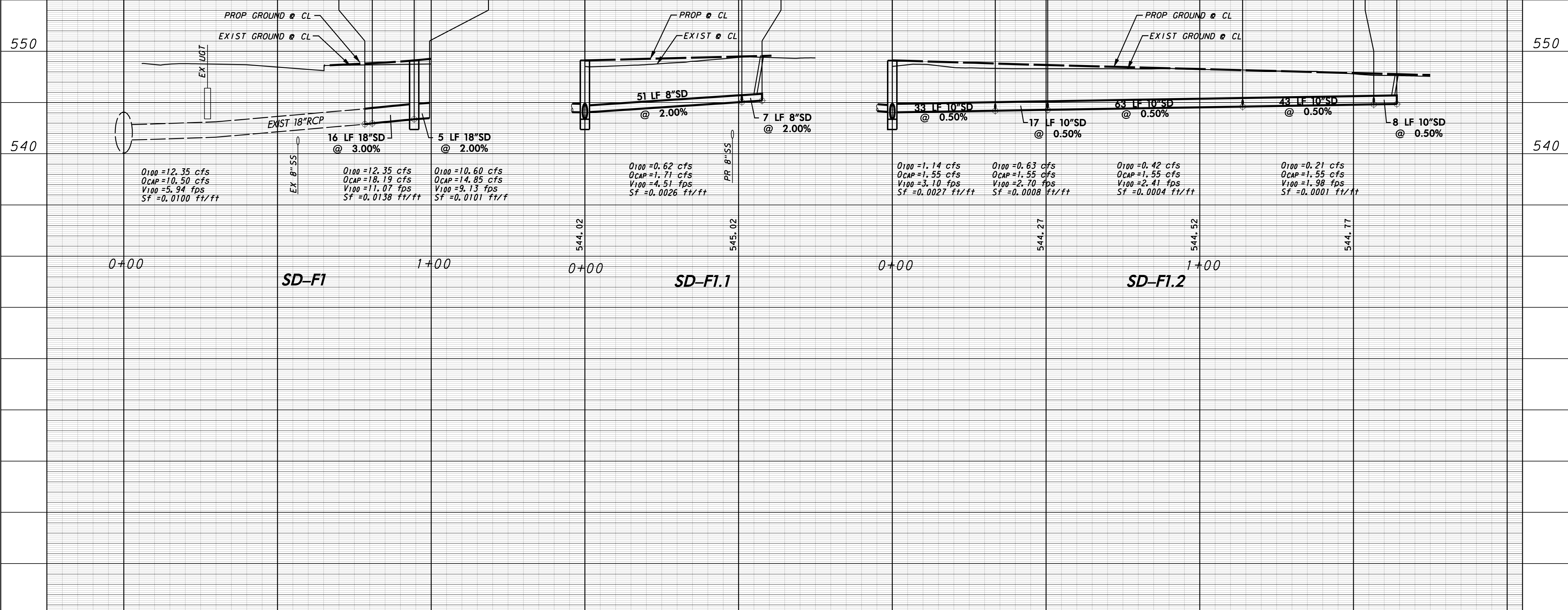
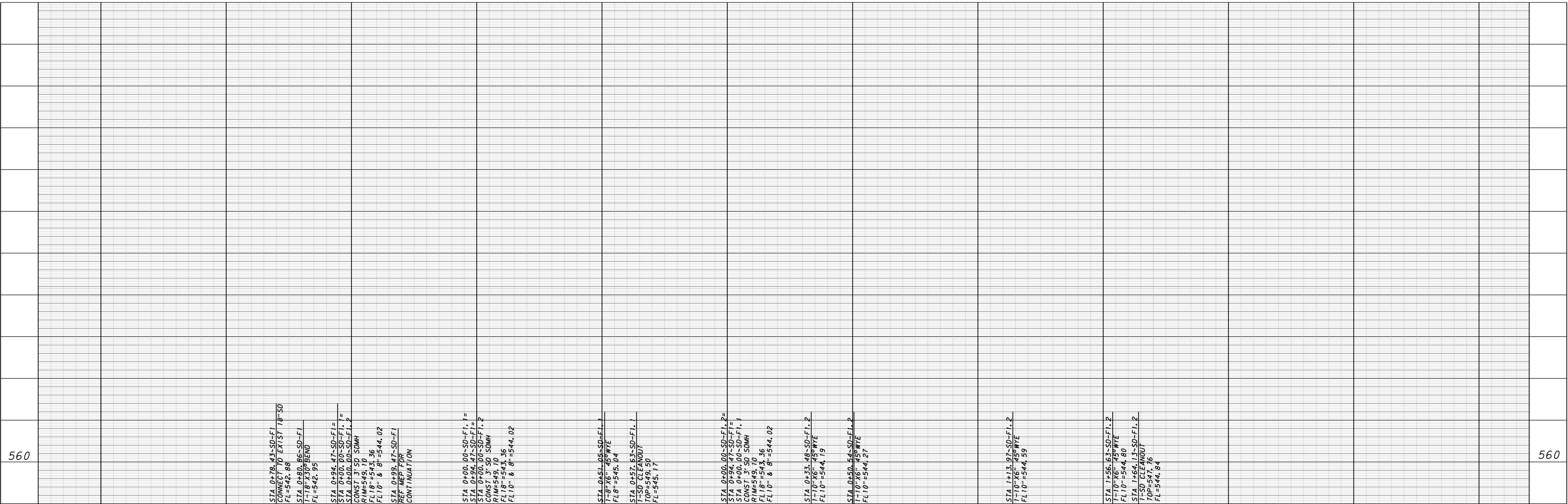
**VITRUVIAN WEST 2**  
 VITRUVIAN PARK - TOWN OF ADDISON, TEXAS  
 3725 VITRUVIAN WAY

**STORM DRAIN PROFILES**

DESIGN	DRAWN	DATE	SCALE	NOTES	Sheet No.
ICE	ICE	NOV 17, 2020	AS NOTED		C4.04

VITRUVIAN WEST 2 - PROJECT NO. 5019-18

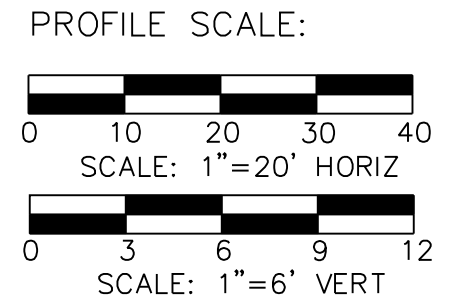




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**VITRUVIAN WEST 2**  
 VITRUVIAN PARK - TOWN OF ADDISON, TEXAS  
 3725 VITRUVIAN WAY

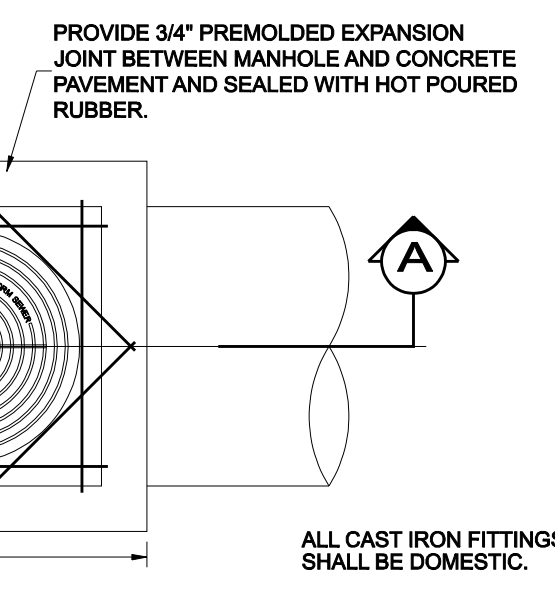
**STORM DRAIN PROFILES**

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ICE	ICE	NOV 17, 2020	AS NOTED		C4.05

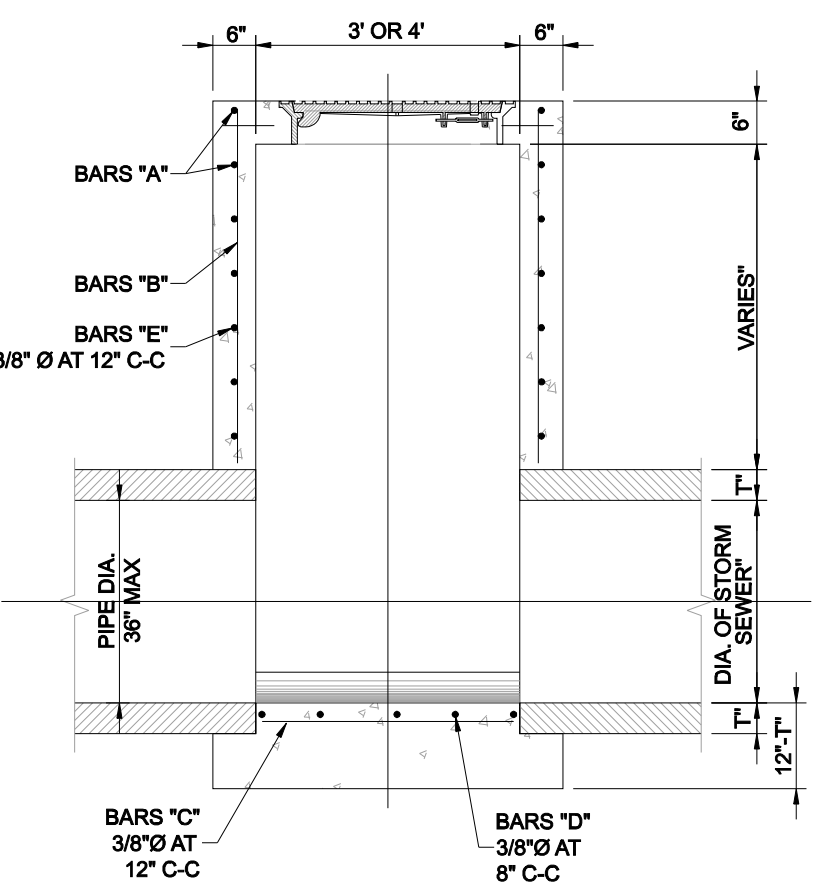
VITRUVIAN WEST 2 - PROJECT NO. 5019-18



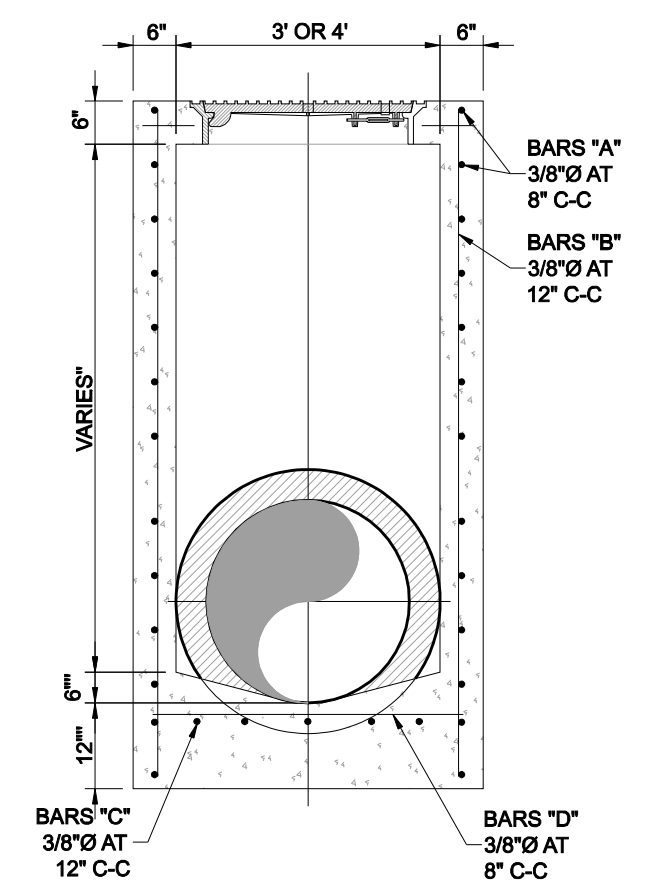
**NOTE:**  
 FRAME AND COVER SHALL BE  
 BASS & HAYES PATTERN NO. 380-24  
 OR EQUAL AND SHALL BE GRAY  
 CAST IRON CONFORMING TO ASTM  
 SPEC. A-48 FOR CLASS 30 CAST  
 IRON.



**PLAN**  
 N.T.S.

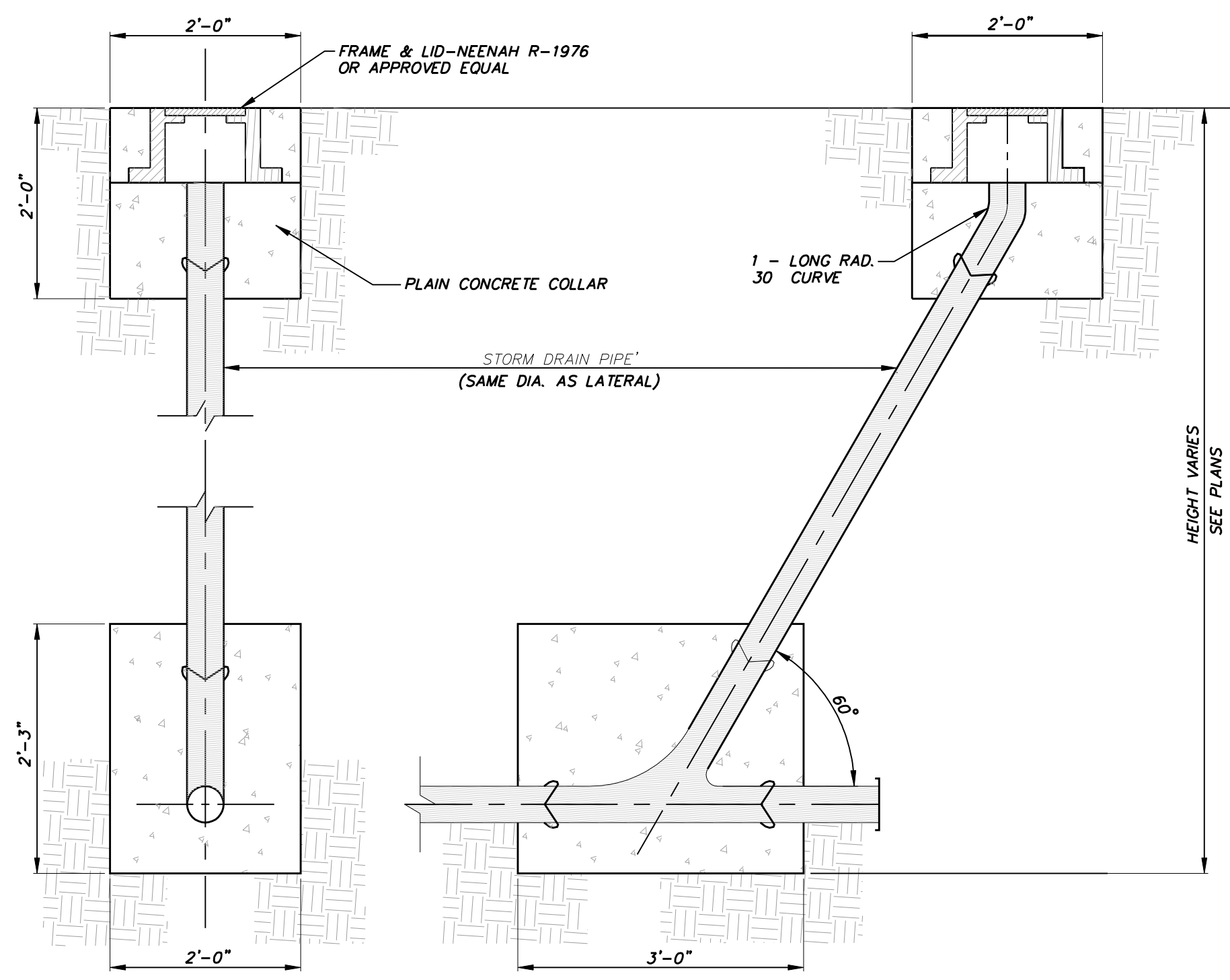


**SECTION A**  
 N.T.S.

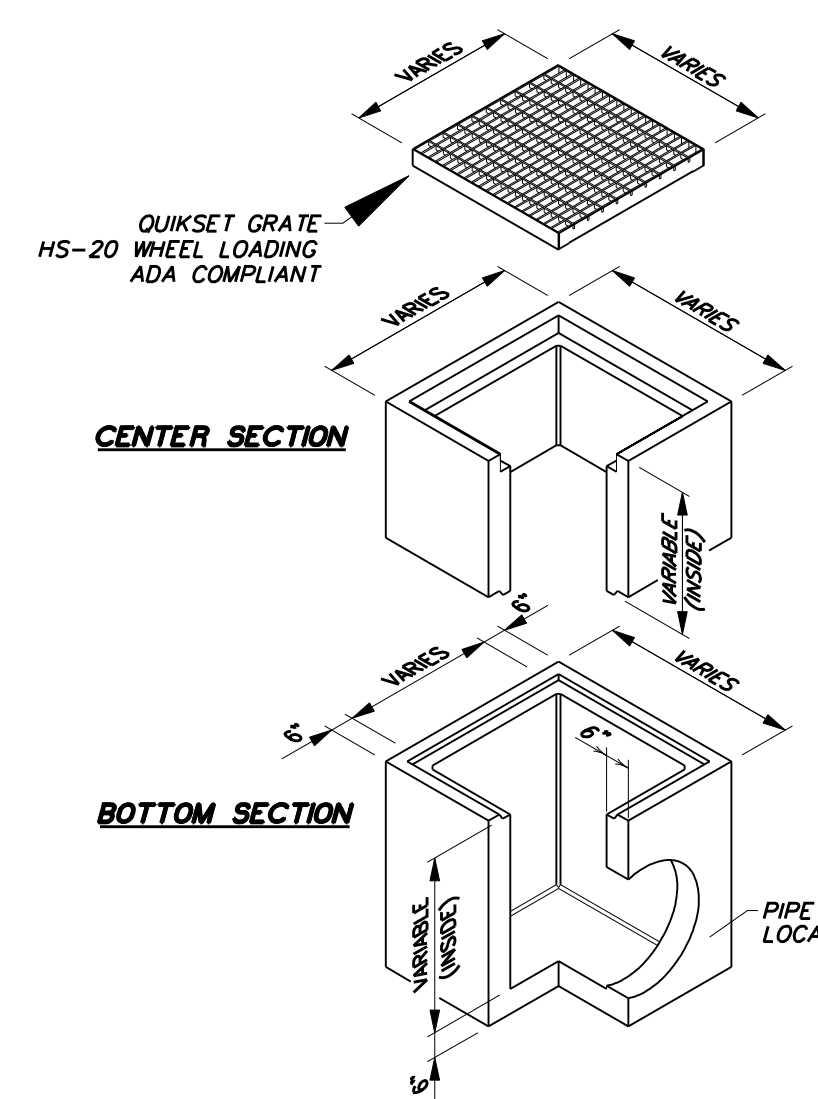


**SECTION B**  
 N.T.S.

**STD SQ STORM DRAIN MANHOLE**  
 N.T.S.



**STORM DRAIN CLEANOUT**  
 NOT TO SCALE

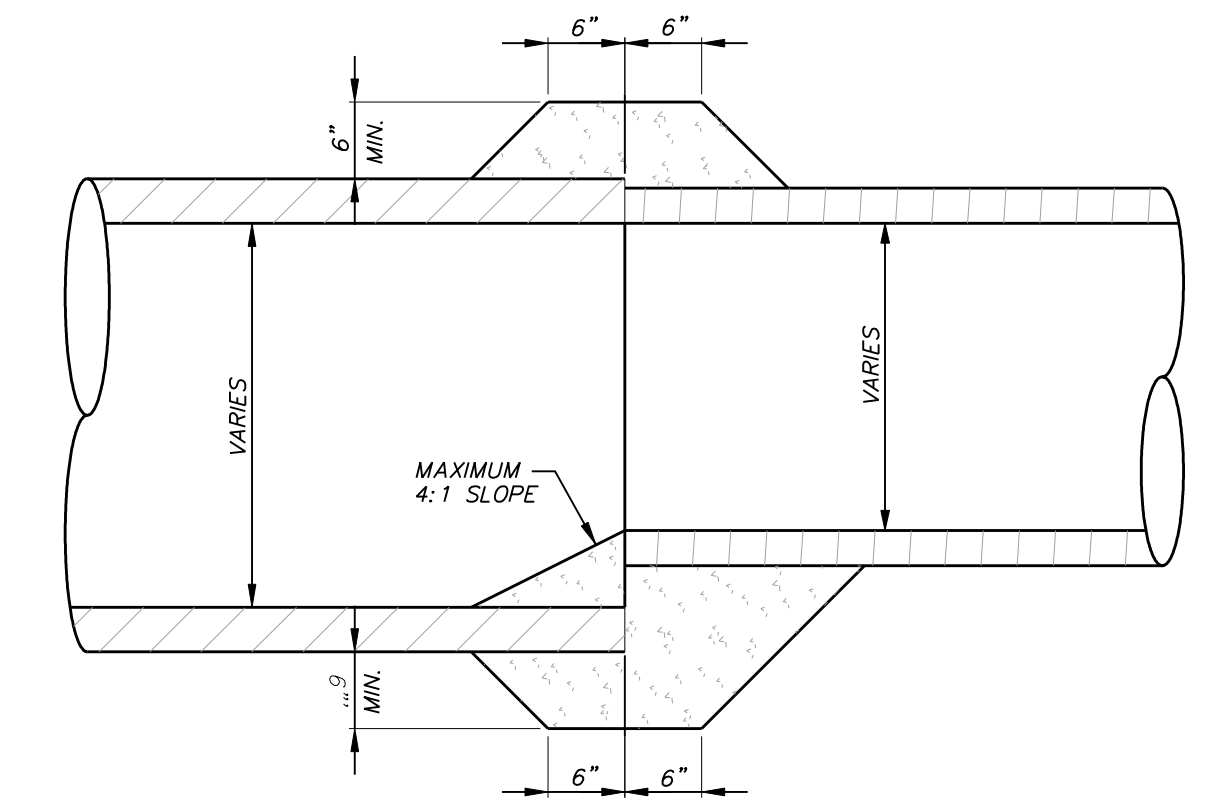


**CENTER SECTION**

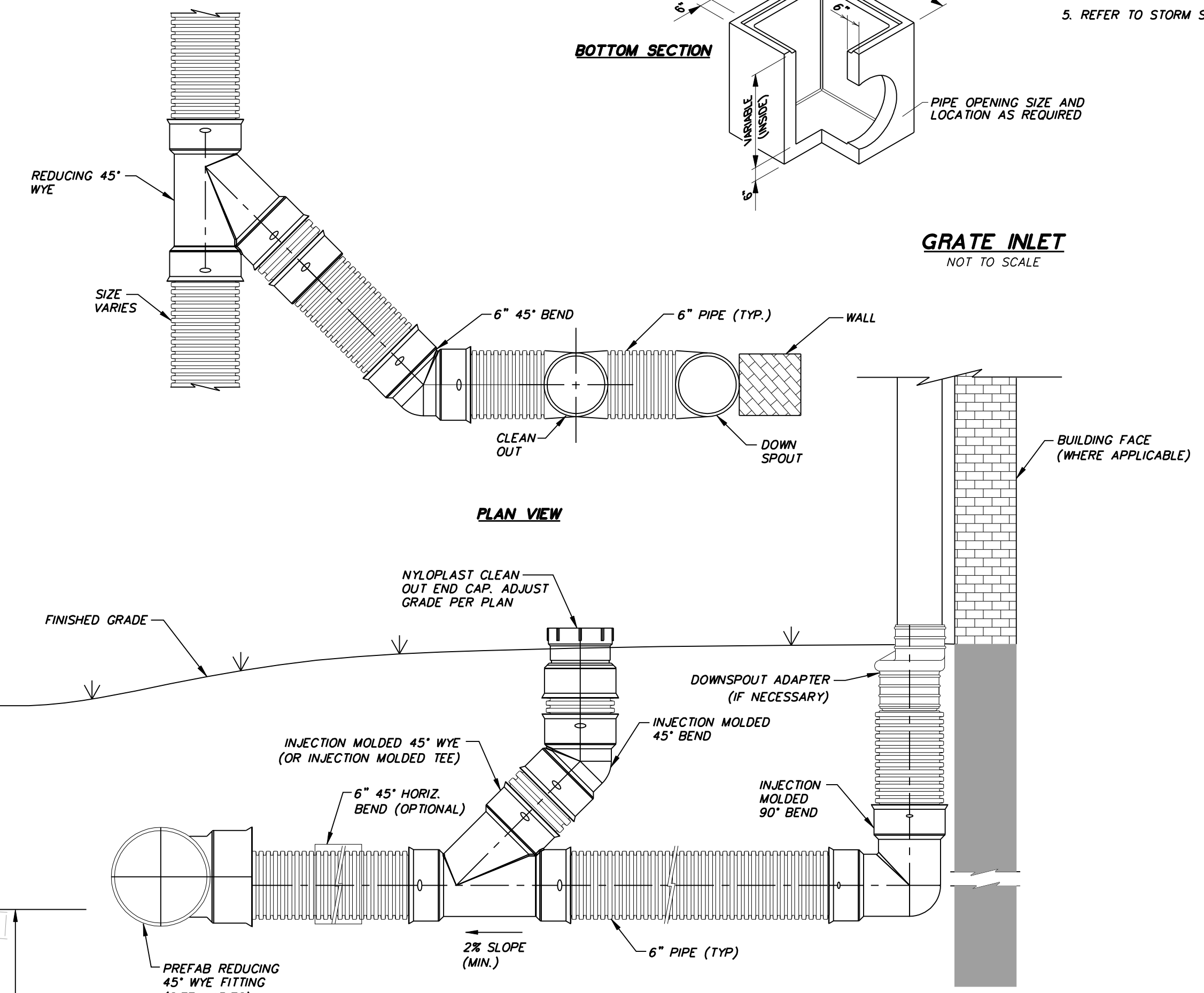
**BOTTOM SECTION**

**NOTES:**

1. ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4500 PSI.
2. REINFORCING STEEL SHALL COMPLY WITH ASTM A615 GRADE 60, A706 GRADE 60 OR A497 GRADE 70. BAR BENDING AND PLACEMENT SHALL COMPLY WITH THE LATEST ACI STANDARDS.
3. STANDARD STRUCTURAL DESIGN IS BASED ON AASHTO HS-20 WHEEL LOADING.
4. THE STRUCTURE SHALL BE PLACED ON A COMPACTED GRANULAR BASE TO INSURE UNIFORM DISTRIBUTION OF SOIL PRESSURES.
5. REFER TO STORM SEWER PLAN FOR SIZES REQUIRED.



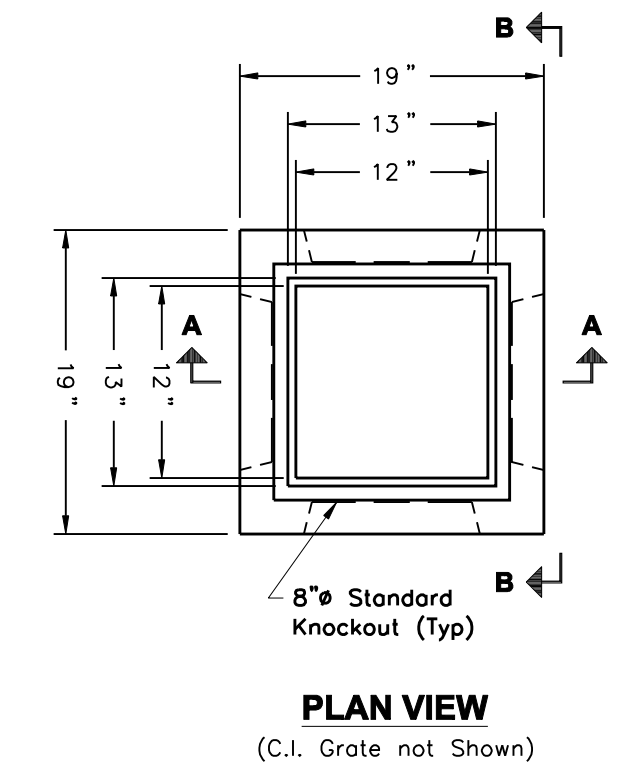
**CONCRETE COLLAR**  
 NOT TO SCALE



**PLAN VIEW**

**GRATE INLET**  
 NOT TO SCALE

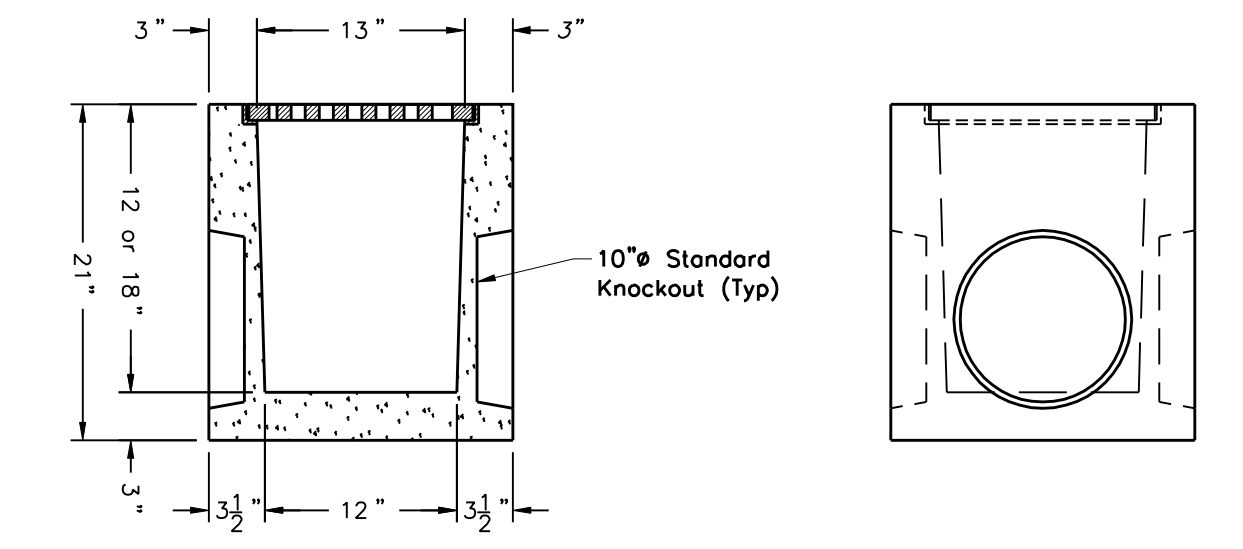
**ROOF DRAIN WITH CLEANOUT**  
 NOT TO SCALE



**PLAN VIEW**  
 (C.I. Grate not Shown)

**GENERAL NOTES:**

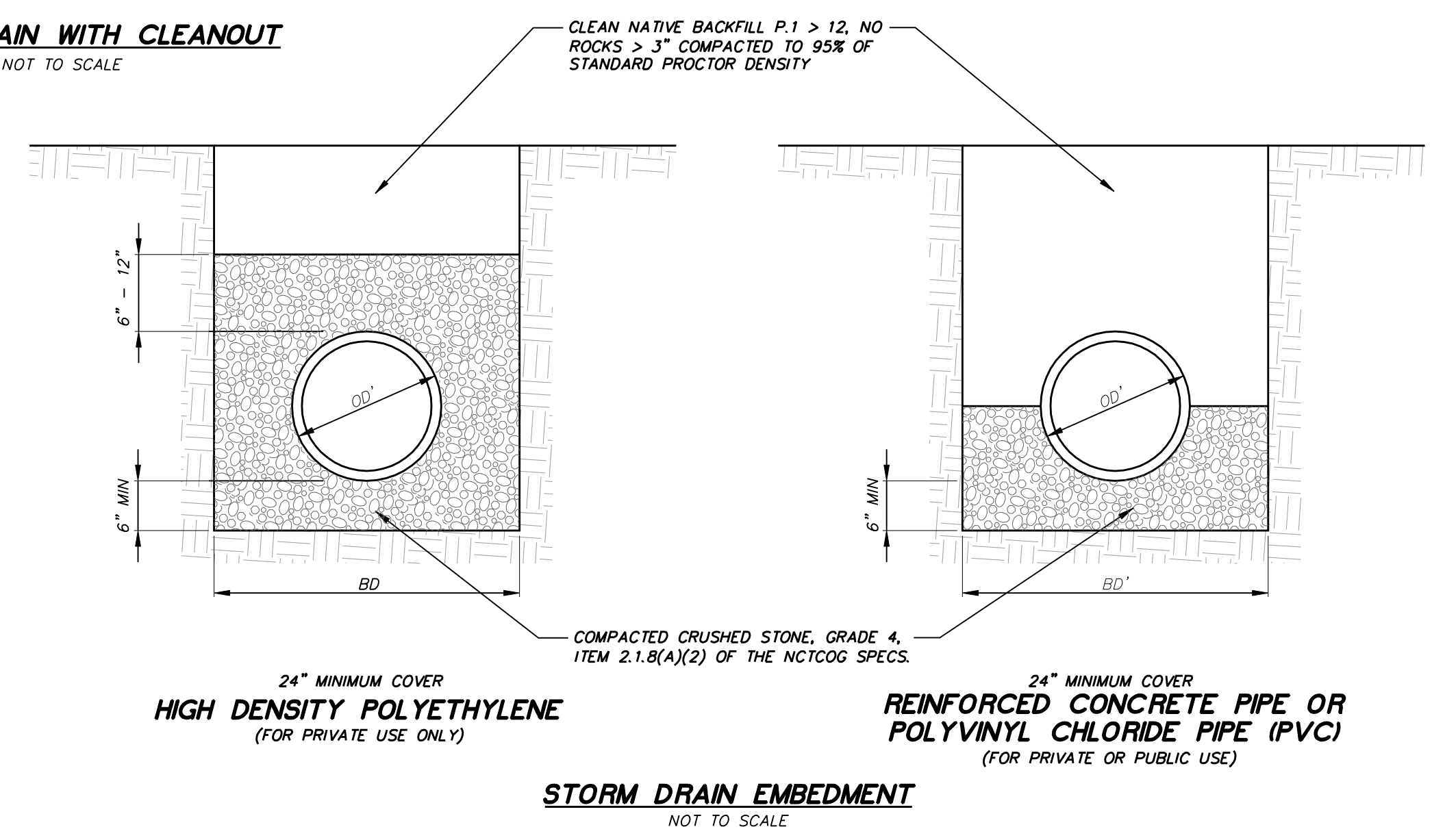
1. CONCRETE: SHALL HAVE A MINIMUM DESIGN STRENGTH OF 5,000 PSI AT 28 DAYS.
2. STEEL REINFORCEMENT: ASTM A-615, GRADE 60 OR ASTM A-497 WELDED WIRE FABRIC.
3. LOADING: DESIGNED FOR H20 LOADING.
4. C.I. CASTINGS: ASTM A-48, CLASS 30/35.
5. PROVIDE FRAME AND COVER AS REQUIRED.
6. PROVIDE BODY AND EXTENSIONS AS REQUIRED.



**SECTION A-A**

**ELEVATION B-B**

**13" X 13" I.D. CATCH BASIN**  
 NOT TO SCALE



**HIGH DENSITY POLYETHYLENE**  
 (FOR PRIVATE USE ONLY)

**STORM DRAIN EMBEDMENT**  
 NOT TO SCALE

**REINFORCED CONCRETE PIPE OR POLYVINYL CHLORIDE PIPE (PVC)**  
 (FOR PRIVATE OR PUBLIC USE)



NO.	REVISION	BY	DATE

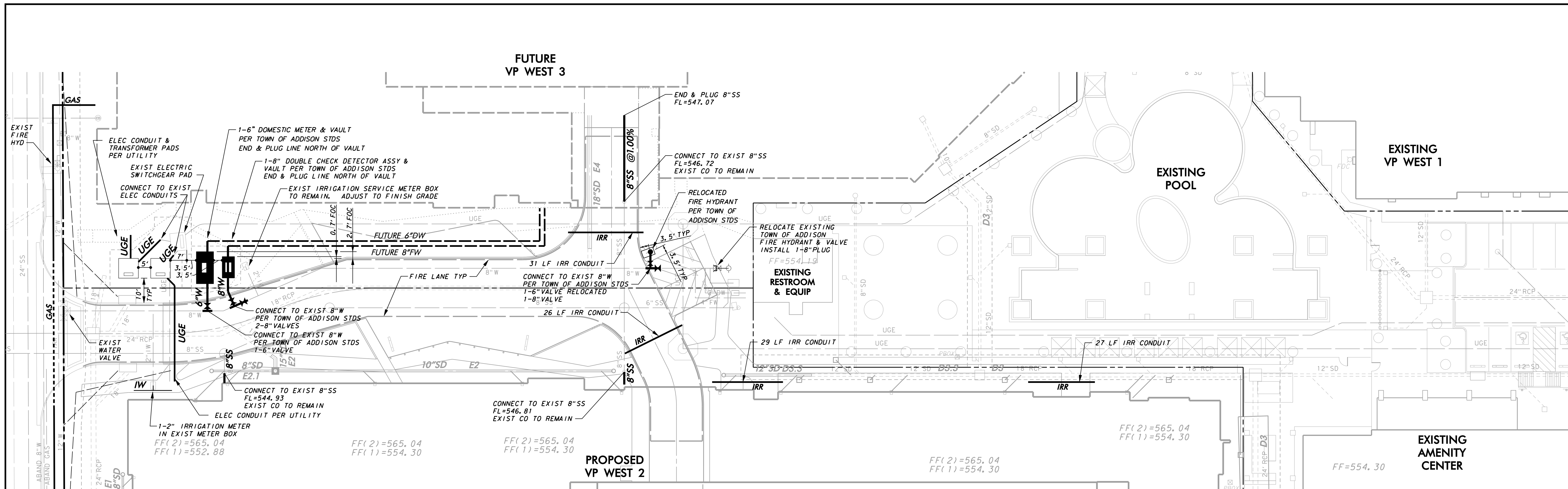
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**VITRUVIAN WEST 2**  
 VITRUVIAN PARK - TOWN OF ADDISON, TEXAS  
 3725 VITRUVIAN WAY

**PRIVATE STORM DRAIN DETAILS**

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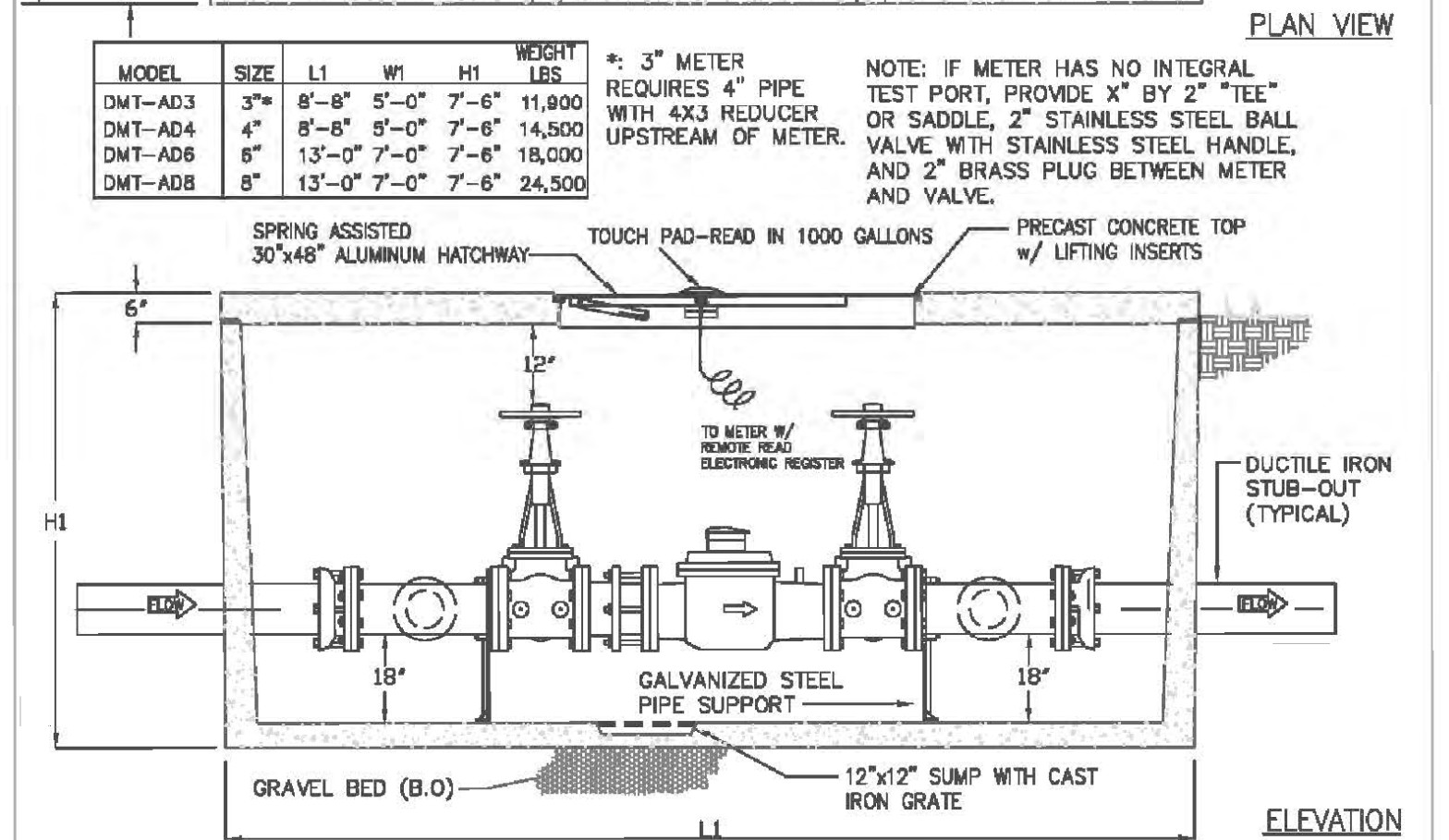
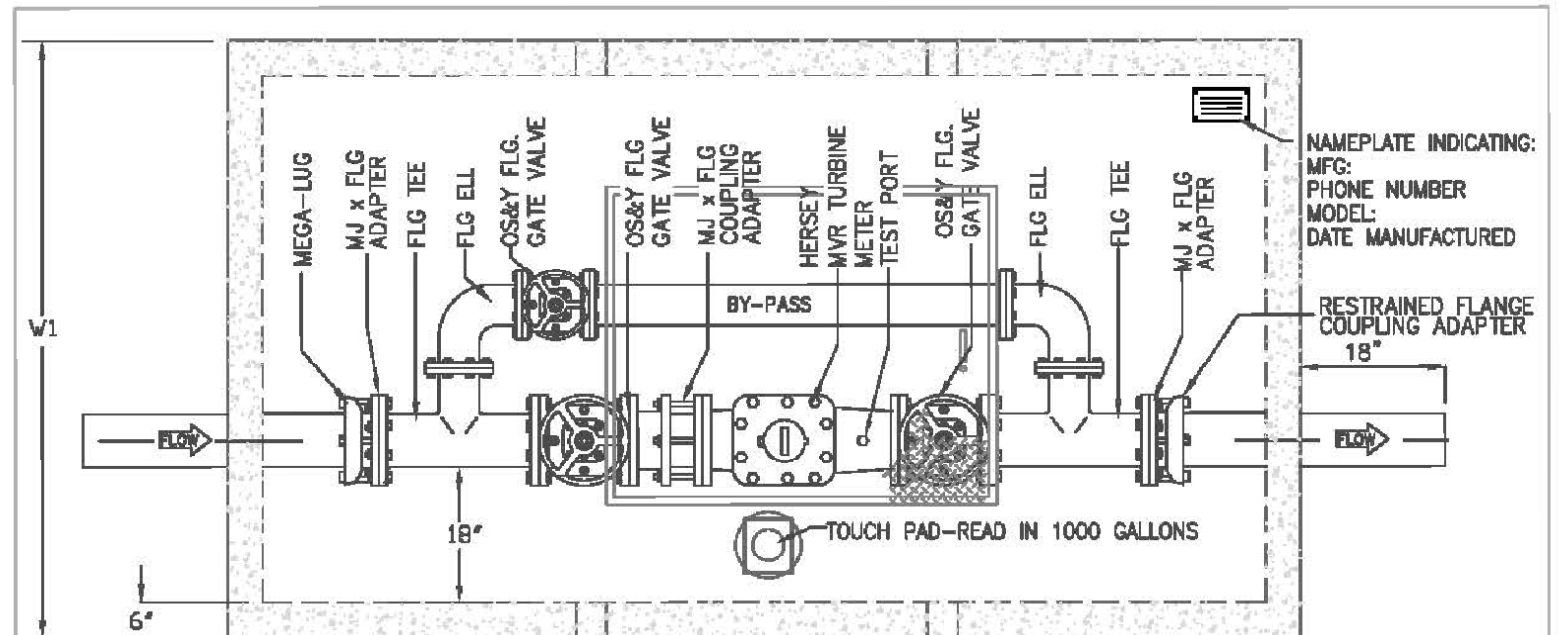
**MATCHLINE SOUTH**

**UTILITY NOTES**

- GENERAL CONSTRUCTION NOTES:** REFER TO SHEET C0-1.00 "GENERAL CONSTRUCTION NOTES, LEGEND AND ABBREVIATIONS" FOR THE GENERAL CONSTRUCTION NOTES FOR THE PROJECT.
- INSPECTION AND TESTING:** THE CONTRACTOR SHALL COORDINATE INSPECTION AND TESTING WITH THE APPROPRIATE GOVERNING AUTHORITIES PRIOR TO BACKFILLING TRENCHES FOR ALL UTILITIES.
- TRENCH COMPACTION:** THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING COMPACTION TO A MINIMUM OF 95% STANDARD PROCTOR IN AREAS OF PROPOSED AND FUTURE PAVEMENT AND ALL AREAS EXCAVATED AT THE BUILDING FOOTINGS FOR UTILITY SERVICE ENTRIES. TRENCHES WHICH LIE OUTSIDE THESE AREAS SHALL BE COMPACTED TO A MINIMUM OF 90% STANDARD PROCTOR.
- CONFLICTS:** THE CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND TO ASSURE PROPER DEPTHS ARE ACHIEVED. IN THE EVENT OF A CONFLICT BETWEEN WATER LINES AND STORM DRAIN OR SANITARY SEWER PIPING, THE CONTRACTOR SHALL ADJUST THE WATER LINE DOWNWARDS IN SUCH A MANNER SO THAT THE PIPE MANUFACTURER'S RECOMMENDATIONS ON THE PIPE DEFLECTIONS AND JOINT STRESS ARE NOT EXCEEDED.
- CONNECTION TO EXISTING UTILITIES:** THE CONTRACTOR SHALL VERIFY THE SIZE, TYPE, ELEVATION, CONFIGURATION, AND ANGLATION OF EXISTING WATER, SANITARY SEWER AND UTILITY LINES PRIOR TO CONSTRUCTION OF TIE-IN MATERIALS. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR REPAIRS TO EXISTING FACILITIES DAMAGED BY HIS ACTIVITIES.
- WATER METERS:** THE CONTRACTOR SHALL ACQUIRE OR PROVIDE BOTH DOMESTIC AND IRRIGATION METERS PER THE GOVERNING AUTHORITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING METERS INSTALLED IN BOXES AND CONNECTING PUBLIC TO PRIVATE WATER LINES.
- PIPE COVER:** TOP OF ALL WATER LINES SHALL BE INSTALLED WITH A MINIMUM COVER OF 48".
- HORIZONTAL BLOCKING:** HORIZONTAL BLOCKING FOR WATER LINES HAS BEEN OMITTED FOR CLARITY, HOWEVER, BLOCKING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GOVERNING AUTHORITIES' STANDARD DETAILS.
- THRUST BLOCKING:** THRUST BLOCKING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GOVERNING AUTHORITIES' STANDARD DETAILS. DO NOT COVER BELLS OR FLANGES WITH CONCRETE. THE CONTRACTOR SHALL REMOVE EXISTING THRUST BLOCKING OR RESTRAINTS WHERE NECESSARY TO ALLOW THE WORK TO PROCEED, AND SHALL REPLACE THE THRUST BLOCKS WHERE REQUIRED. THE COST TO REMOVE, REPLACE OR PROVIDE THRUST BLOCKING SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
- ADDITIONAL BENDS:** THE CONTRACTOR SHALL SUPPLY AND INSTALL ANY ADDITIONAL BENDS WITH THRUST BLOCKING AND OTHER APPURTENANCES REQUIRED TO ASSURE PROPER INSTALLATION OF WATER MAINS AND LATERALS. THE CONTRACTOR MAY PULL PIPE AS NEEDED AT THE BENDS WHERE THE DEFLECTION ANGLE OF THE PIPE DOES NOT MATCH THE ANGLE OF THE BEND PROVIDED THE PIPE DEFLECTION IS WITHIN TOLERABLE MANUFACTURERS LIMITS. THE COST FOR ADDITIONAL BENDS AND BLOCKING SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
- POLYETHYLENE WRAP:** ALL VALVES, IRON PIPE, FITTINGS AND SPECIALS SHALL BE POLYETHYLENE WRAPPED.
- ADJUSTMENTS:** THE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING ALL MANHOLES, CLEANOUTS, VALVES, BOXES, VAULTS AND HYDRANTS TO FINAL GRADE. THE COST SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
- APPURTENANCES:** ALL VALVES AND OTHER APPURTENANCES ON ALL FIRE PROTECTION LINES SHALL BE UL/FM & AWWA APPROVED. THE COST SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
- FIRE PROTECTION WORK:** ALL FIRE PROTECTION WORK MUST BE PERMITTED AND APPROVED BY THE GOVERNING AUTHORITY. THE CONTRACTOR SHALL CONDUCT ALL REQUIRED PRESSURE TESTS ON THE FIRE PROTECTION LINES TO THE SATISFACTION OF THE GOVERNING AUTHORITY AS WELL AS THE DEVELOPERS' INSURANCE CARRIER.
- SANITARY SEWER PIPE:** ALL SEWER PIPE SHALL BE SDR-35, IN ACCORDANCE WITH ASTM SPECIFICATIONS D-3034 FOR 4" THROUGH 15", AND ASTM F-879 FOR 15" THROUGH 27".
- WATER PIPE:** ALL WATER MAINS 4 INCH THROUGH 12 INCH SHALL BE C-900 (SDR - 18), WATER MAINS 14 INCH THROUGH 36 INCH SHALL BE C - 905 (SDR - 18). WATER LINES LESS THAN 4" SHALL BE TYPE K COPPER.

**CONDUIT AND SLEEVING NOTES**

- GENERAL CONSTRUCTION NOTES:** REFER TO SHEET C0-1.00 "GENERAL CONSTRUCTION NOTES, LEGEND AND ABBREVIATIONS" FOR THE GENERAL CONSTRUCTION NOTES FOR THE PROJECT.
- PLACEMENT OF CONDUIT AND SLEEVES:** ALL UNDERGROUND CONDUIT AND SLEEVES ARE TO BE PLACED BEFORE SITE PAVING CONSTRUCTION COMMENCES AND SHALL BE BURIED A MINIMUM OF 24" BELOW THE BOTTOM OF PAVEMENT, EXCEPT ELECTRICAL CONDUIT WHICH REQUIRE A MINIMUM COVER OF 36". ALL CONDUIT AND SLEEVES SHALL EXTEND TWO (2) FEET BEYOND THE BACK OF CURB OR EDGE OF SIDEWALK. TURN CONDUIT UPWARD AND CAP EACH CONDUIT 6" ABOVE FINISH GRADE. THE CONTRACTOR SHALL FURNISH DETAILED AS-BUILT LOCATION INFORMATION FOR ALL CONDUIT AND SLEEVES TO THE DEVELOPER.
- TELEPHONE CONDUIT:** FURNISH AND INSTALL TWO (2) 4" DIAMETER SCHEDULE 40 PVC TELEPHONE CONDUIT WITH PULL LINES FROM THE SITE PROPERTY LINE TO 5' OUTSIDE THE BUILDING WALL AT THE TELEPHONE ROOM IN THE BUILDING. CONDUIT SHALL BE CAPPED AT BOTH ENDS. THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL TELEPHONE COMPANY TO VERIFY THE EXACT LOCATION OF TO BE INSTALLED FOR THEIR USE. MARK LOCATIONS OF CONDUIT WITH #3 X 36" REBAR INSTALLED 2' INTO THE GROUND AT EACH END LOCATION.
- ELECTRIC AND GAS CONDUIT:** THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL ELECTRIC AND GAS PROVIDER TO VERIFY THE EXACT SIZE, TYPE, NUMBER AND LOCATION OF CONDUIT AND/OR SLEEVING REQUIRED TO BE PROVIDED BY THE CONTRACTOR FOR GAS AND ELECTRIC FACILITIES TO SERVE THIS SITE. MARK LOCATIONS OF CONDUIT WITH #3 X 36" REBAR INSTALLED 2' INTO THE GROUND AT EACH END LOCATION.
- SITE LIGHTING CONDUIT:** REFERENCE MEP PLANS FOR SITE LIGHTING AND ALL RELATED CONDUIT, WIRING PULL BOXES, POLE BASES AND ASSOCIATED ELECTRICAL WORK TO BE COORDINATED AND/OR PROVIDED FOR BY THE CONTRACTOR PRIOR TO PAVING OPERATIONS.
- IRRIGATION CONDUIT:** ALL IRRIGATION CONDUIT AND SLEEVES SHALL BE SCHEDULE 40 PVC, INSTALLED WITH A MINIMUM OF 24" COVER. REFERENCE THE PAVING PLAN AND/OR LANDSCAPE PLANS FOR NUMBER OF CONDUIT, SIZE AND LOCATIONS OF PROPOSED IRRIGATION CONDUITS AND SLEEVES.
- PULL WIRES:** ALL UNDERGROUND CONDUIT AND SLEEVES SHALL BE INSTALLED WITH PULL LINES.
- CONFLICTS:** IN THE EVENT OF A CONFLICT BETWEEN CONDUIT AND STORM DRAIN AND/OR UTILITY PIPING, THE CONTRACTOR SHALL ADJUST CONDUIT DOWNWARD FOR CLEARANCE.



**NOTES:**

- ALL CONCRETE SHALL BE CLASS 1 CONCRETE WITH DESIGN STRENGTH OF 4500 PSI AT 28 DAYS. UNITS ARE OF MONOLITHIC CONSTRUCTION AT FLOOR AND FIRST STAGE OF WALL WITH SECTIONAL RISER TO REQUIRED DEPTH.
- ALL REINFORCEMENT SHALL BE GRADE 60 REINFORCED STEEL REBAR CONFORMING TO ASTM A615 ON REQUIRED CENTERS OR EQUAL.
- ALL HATCHWAYS SHALL BE 3/4" ALUMINUM DIAMOND PLATE COVER, WITH 3/4" EXTRUDED ALUMINUM FRAME. HATCH TO BE FURNISHED WITH 316 STAINLESS STEEL SNAP LOCK AND HINGES.
- THE METER ASSEMBLY SHALL BE FACTORY ASSEMBLED AND HYDROSTATICALLY TESTED PRIOR TO DELIVERY. PIPE, VALVES AND FITTINGS OF THE ASSEMBLY SHALL BE IN ACCORDANCE WITH THE TOWN OF ADDISON WATER SYSTEM REQUIREMENTS.

MODEL	SIZE	L1	W1	H1	WEIGHT
DMT-AD3	3"	8'-8"	5'-0"	7'-6"	11,800
DMT-AD4	4"	8'-8"	5'-0"	7'-6"	14,500
DMT-AD5	5"	13'-0"	7'-0"	7'-8"	18,000
DMT-AD6	6"	13'-0"	7'-0"	7'-6"	24,500

3" METER REQUIRES 4" PIPE WITH 4X3 REDUCER UPSTREAM OF METER.

NOTE: IF METER HAS NO INTEGRAL TEST PORT, PROVIDE 1/2" BY 2" TEE WITH 4X3 REDUCER UPSTREAM OF METER.

TO METER BY REMOTE READ ELECTRONIC MONITOR

GRAVEL BED (B.O.)

12"x12" SUMP WITH CAST IRON GRATE

DATE: AUGUST, 2008 | LAST REV DATE: MAY 2016 | SHEET: 30-1021

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BM #2 REF. ELEVATION = 559.47  
SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END NOSE, MARSH LANE 1127' NORTH OF VITRUVIAN WAY.

GRAPHIC SCALE IN FEET  
SCALE: 1"=20'

Professional Engineer Seal: 62654, 11/17/20

NO.	REVISION	BY	DATE

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Civil Engineers - Designers - Planners Southlake, TX 76092 (817) 552-6210  
Engineering Firm Registration Number F-9007

**VITRUVIAN WEST 2**  
VITRUVIAN PARK - TOWN OF ADDISON, TEXAS  
3725 VITRUVIAN WAY  
UTILITY PLAN CENTER



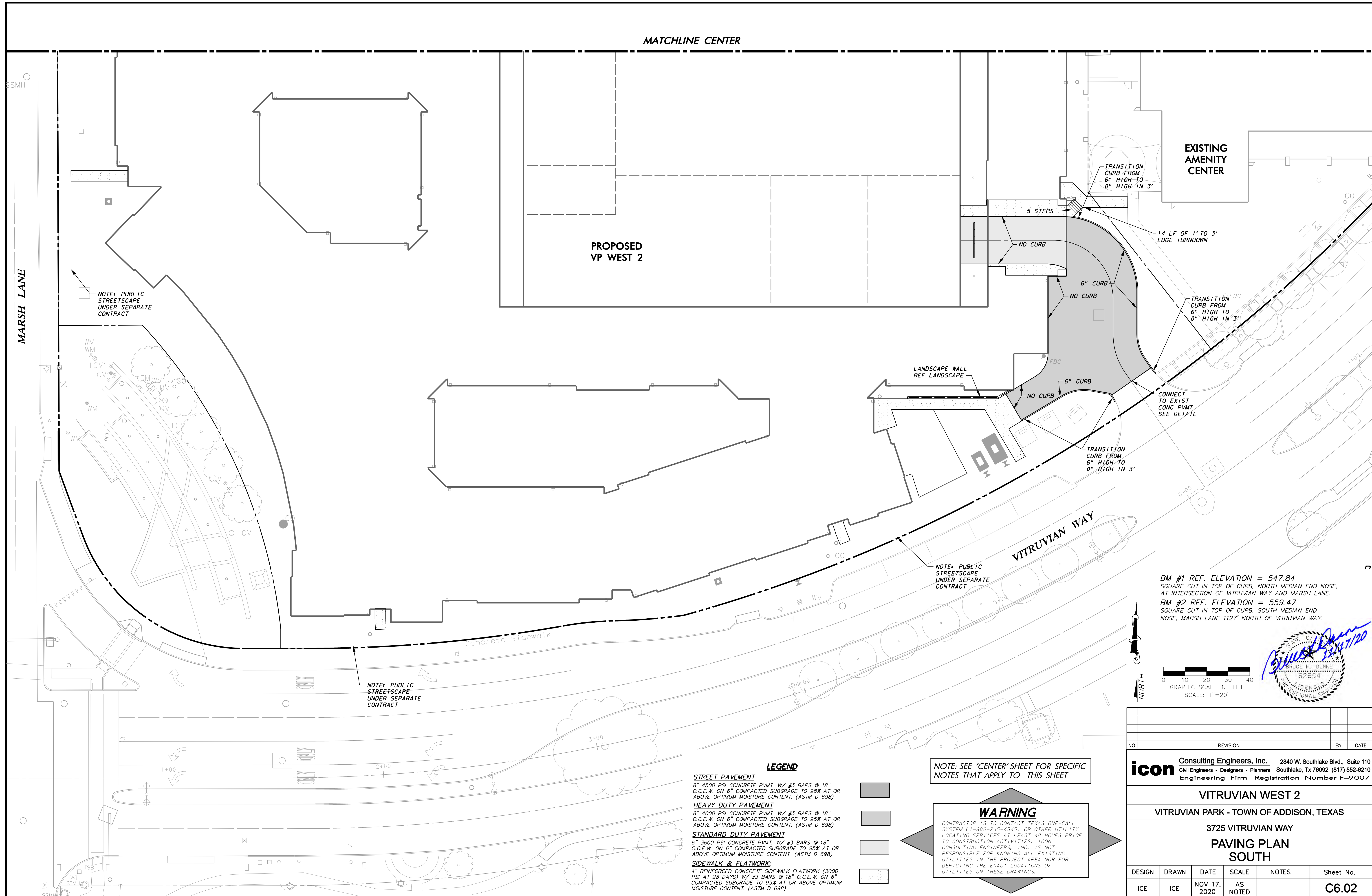








MATCHLINE CENTER

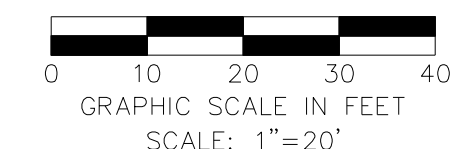


NOTE: PUBLIC STREETSCAPE UNDER SEPARATE CONTRACT

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 SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END  
 NOSE, MARSH LANE 112' NORTH OF VITRUVIAN WAY.



- LEGEND**
- STREET PAVEMENT**  
 8" 4500 PSI CONCRETE PVMT. W/ #3 BARS @ 18" O.C.E.W. ON 6" COMPACTED SUBGRADE TO 98% AT OR ABOVE OPTIMUM MOISTURE CONTENT. (ASTM D 698)
  - HEAVY DUTY PAVEMENT**  
 8" 4000 PSI CONCRETE PVMT. W/ #3 BARS @ 18" O.C.E.W. ON 6" COMPACTED SUBGRADE TO 95% AT OR ABOVE OPTIMUM MOISTURE CONTENT. (ASTM D 698)
  - STANDARD DUTY PAVEMENT**  
 6" 3600 PSI CONCRETE PVMT. W/ #3 BARS @ 18" O.C.E.W. ON 6" COMPACTED SUBGRADE TO 95% AT OR ABOVE OPTIMUM MOISTURE CONTENT. (ASTM D 698)
  - SIDEWALK & FLATWORK:**  
 4" REINFORCED CONCRETE SIDEWALK FLATWORK (3000 PSI AT 28 DAYS) W/ #3 BARS @ 18" O.C.E.W. ON 6" COMPACTED SUBGRADE TO 95% AT OR ABOVE OPTIMUM MOISTURE CONTENT. (ASTM D 698)

NOTE: SEE 'CENTER' SHEET FOR SPECIFIC NOTES THAT APPLY TO THIS SHEET

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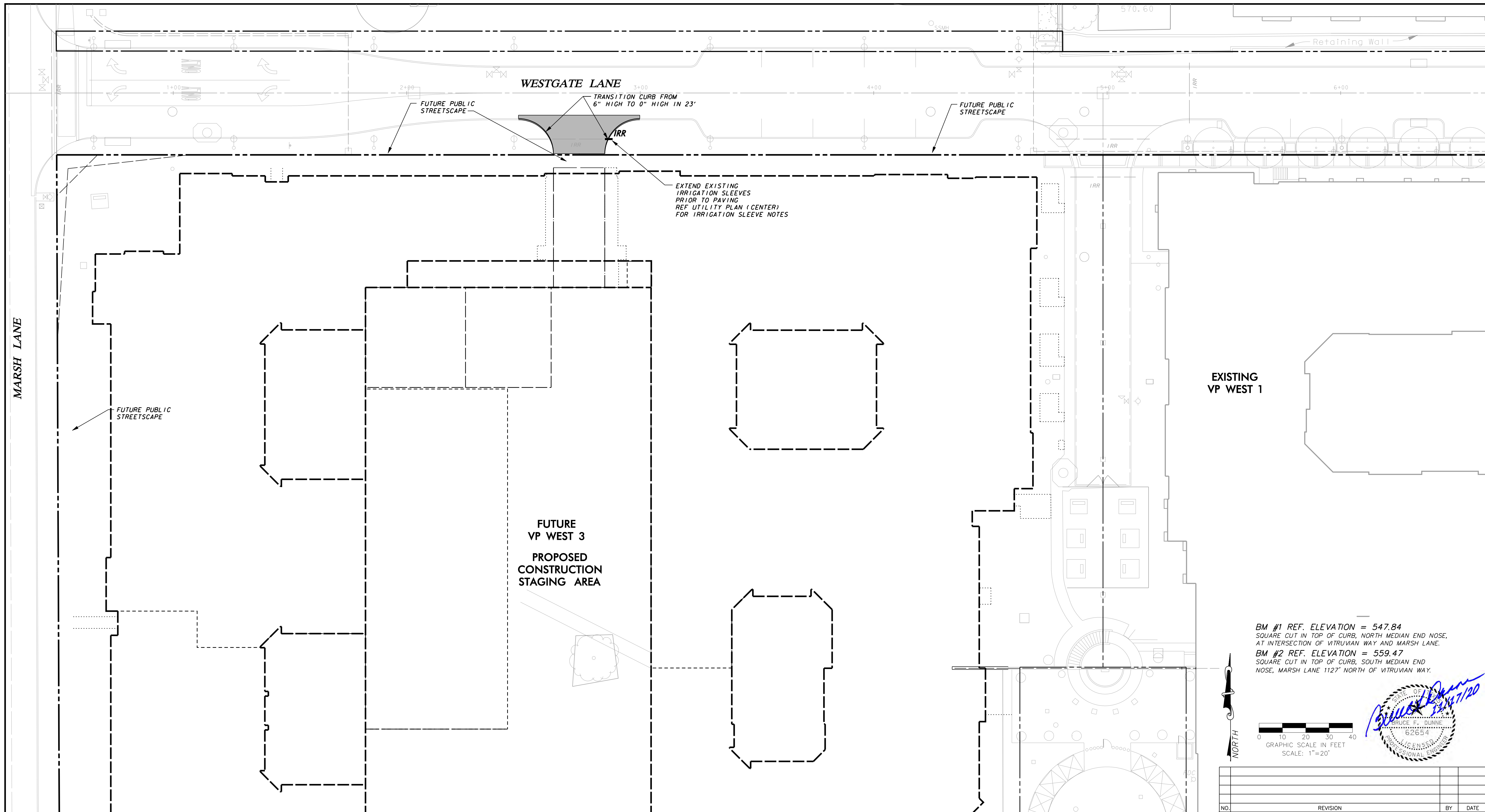
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**VITRUVIAN WEST 2**  
 VITRUVIAN PARK - TOWN OF ADDISON, TEXAS  
 3725 VITRUVIAN WAY  
**PAVING PLAN SOUTH**

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VITRUVIAN WEST 2 - PROJECT NO. 5019-18





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 SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END  
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NORTH

MATCHLINE CENTER

**LEGEND**

- STREET PAVEMENT**  
 8" 4500 PSI CONCRETE P.V.M.T. W/ #3 BARS @ 18"  
 O.C.E.W. ON 6" COMPACTED SUBGRADE TO 98% AT OR  
 ABOVE OPTIMUM MOISTURE CONTENT. (ASTM D 698)
- HEAVY DUTY PAVEMENT**  
 8" 4000 PSI CONCRETE P.V.M.T. W/ #3 BARS @ 18"  
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- STANDARD DUTY PAVEMENT**  
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 ABOVE OPTIMUM MOISTURE CONTENT. (ASTM D 698)
- SIDEWALK & FLATWORK:**  
 4" REINFORCED CONCRETE SIDEWALK FLATWORK (3000  
 PSI AT 28 DAYS) W/ #3 BARS @ 18" O.C.E.W. ON 6"  
 COMPACTED SUBGRADE TO 95% AT OR ABOVE OPTIMUM  
 MOISTURE CONTENT. (ASTM D 698)

NOTE: SEE 'CENTER' SHEET FOR SPECIFIC  
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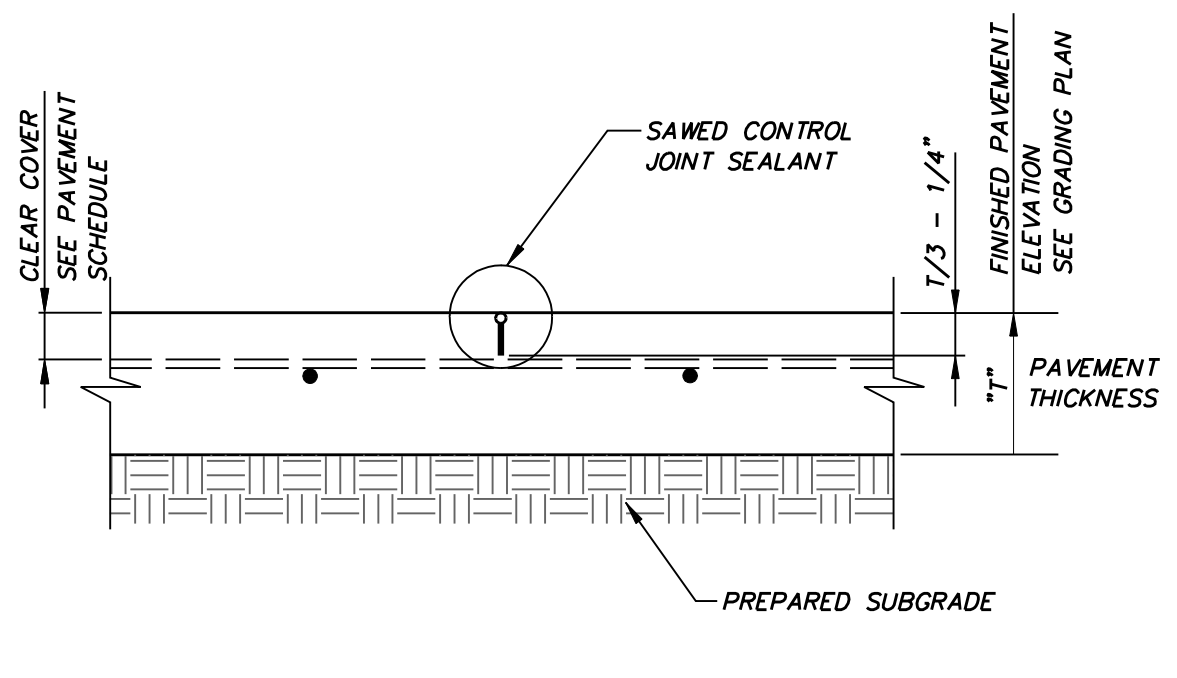
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**VITRUVIAN WEST 2**  
 VITRUVIAN PARK - TOWN OF ADDISON, TEXAS  
 3725 VITRUVIAN WAY  
**PAVING PLAN**  
**NORTH**

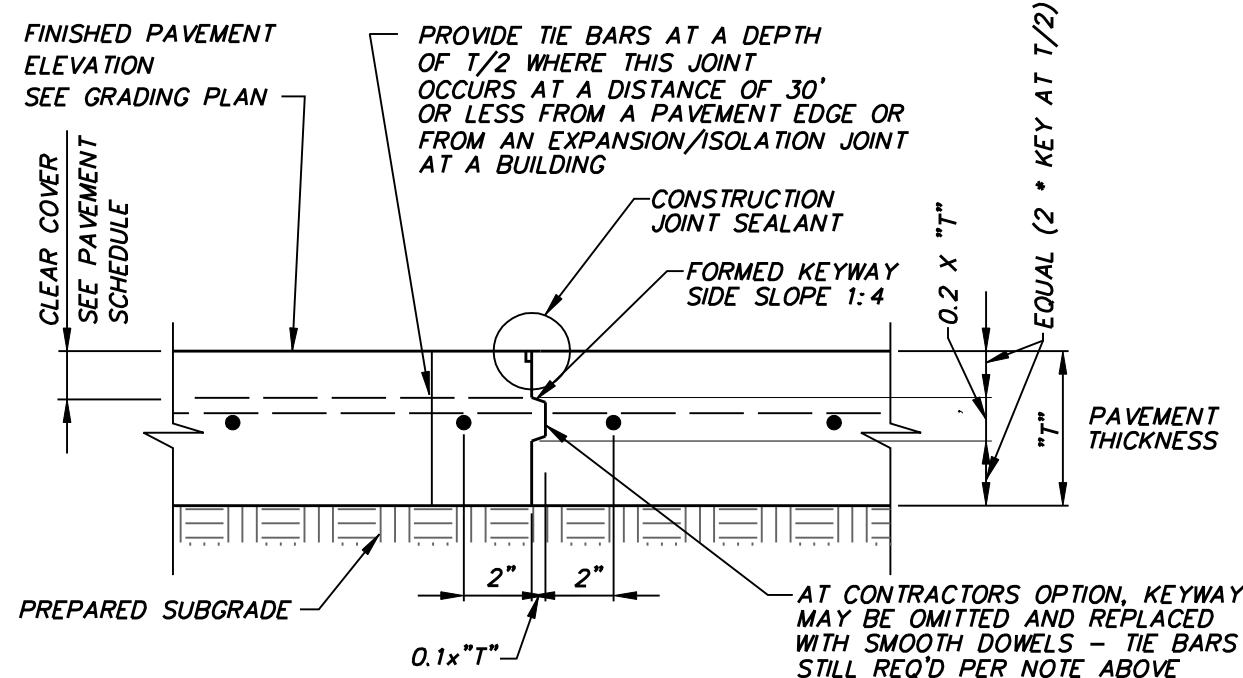
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ICE	ICE	NOV 17, 2020	AS NOTED		<b>C6.03</b>

VITRUVIAN WEST 2 - PROJECT NO. 5019-18

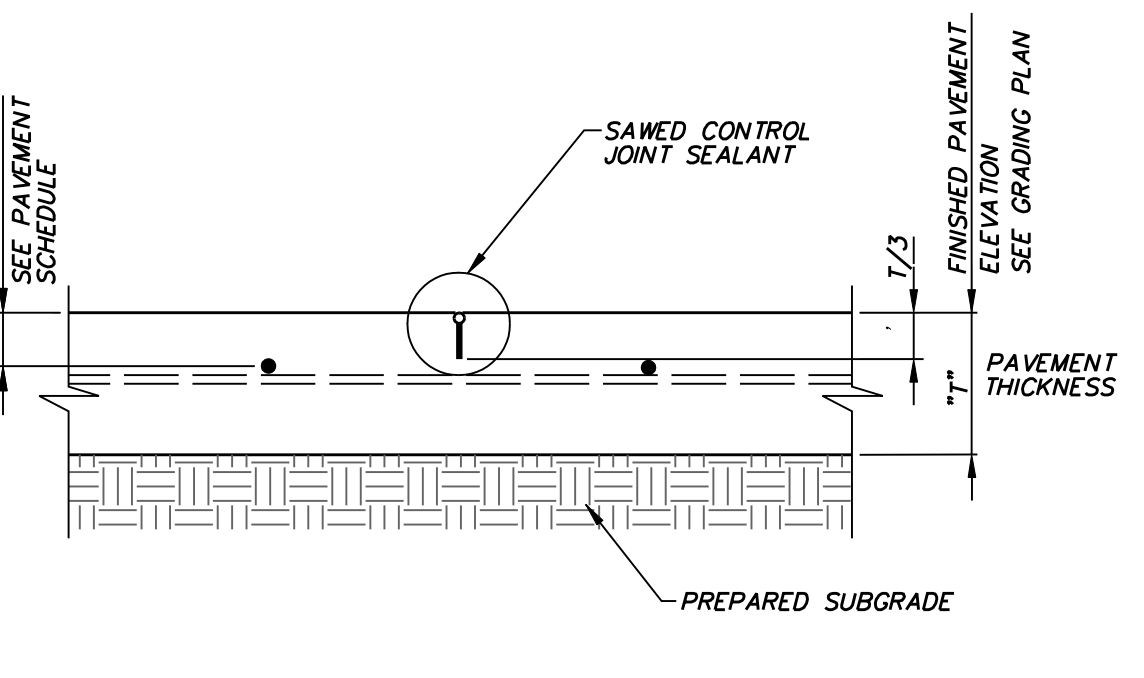




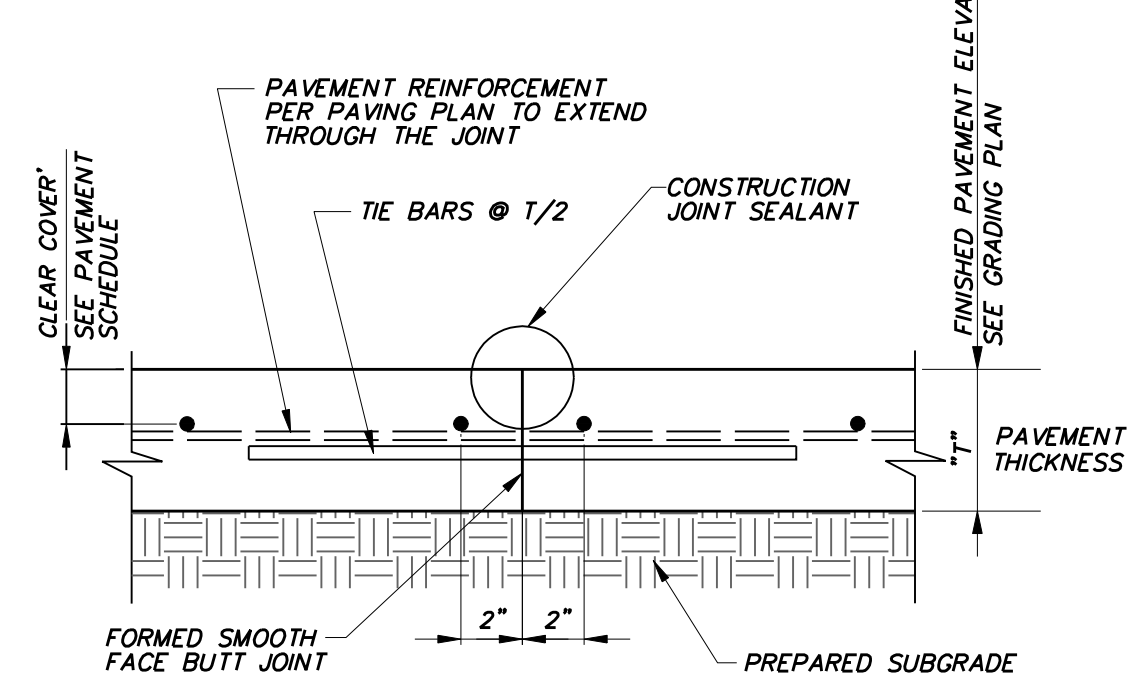
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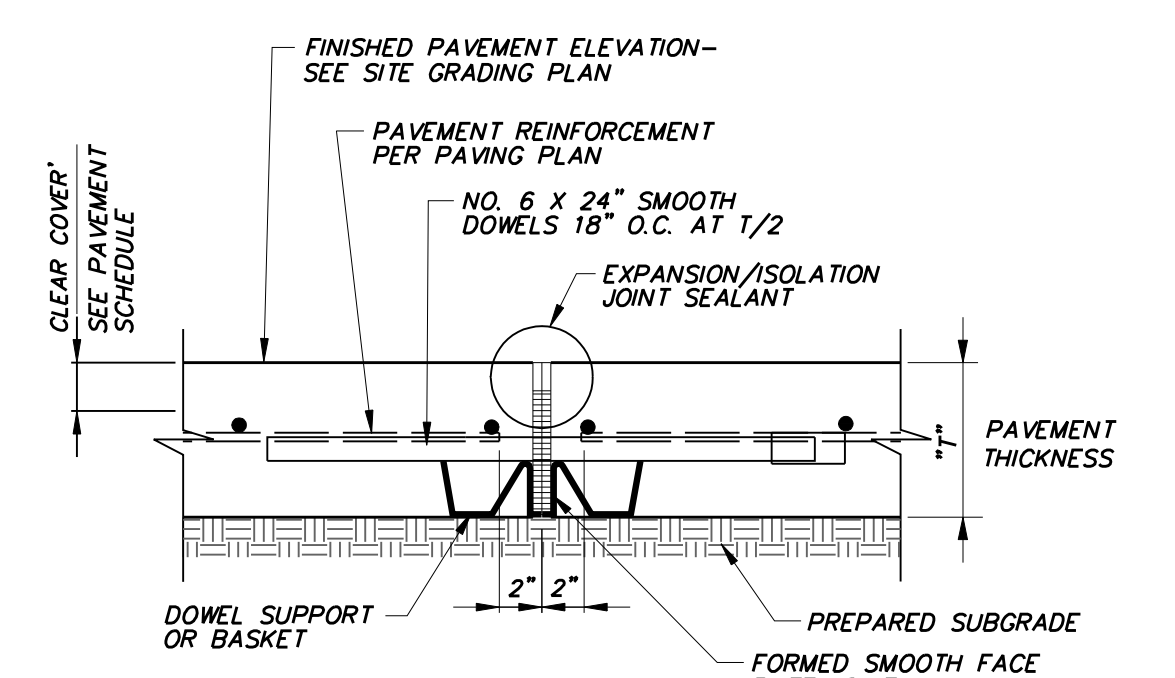
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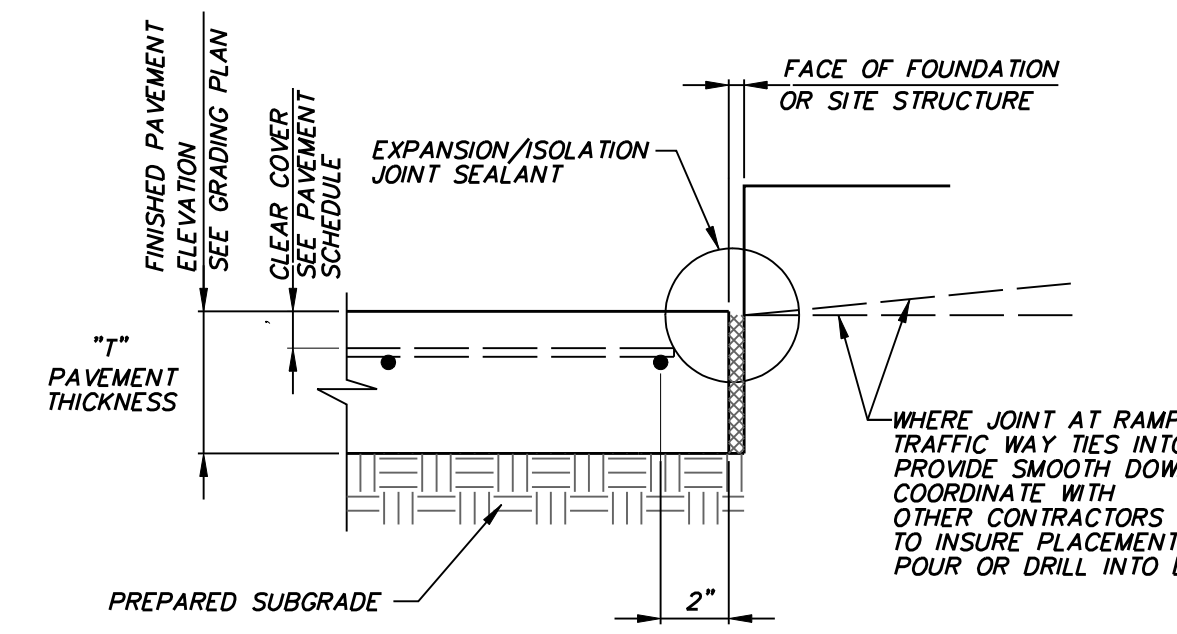
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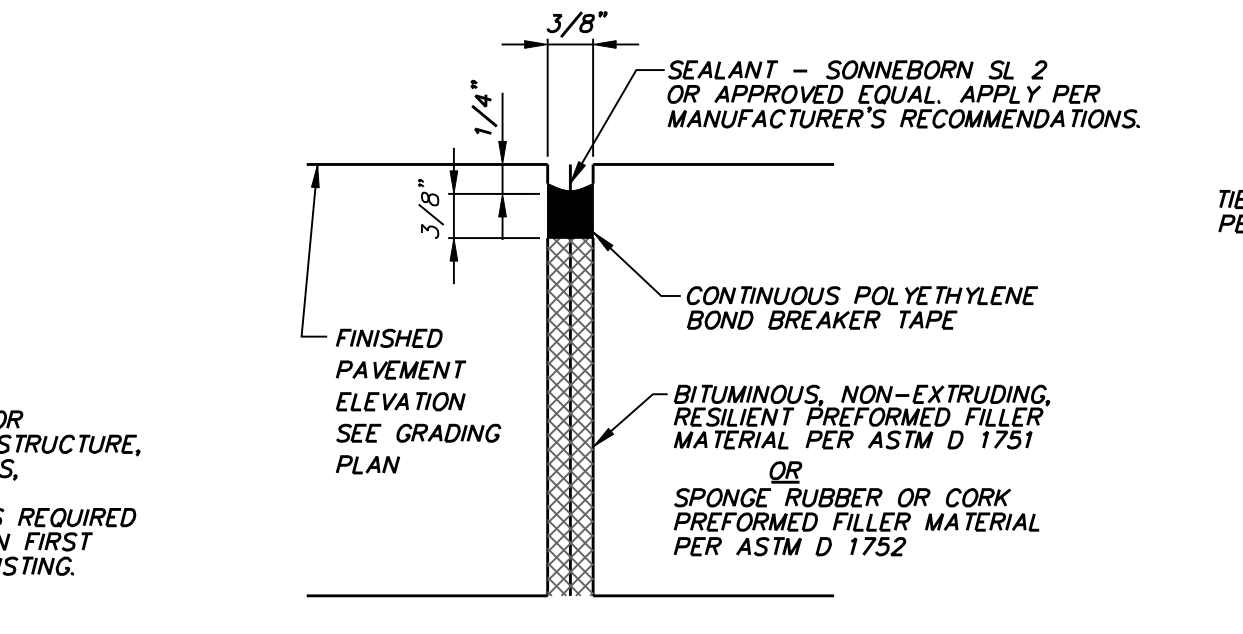
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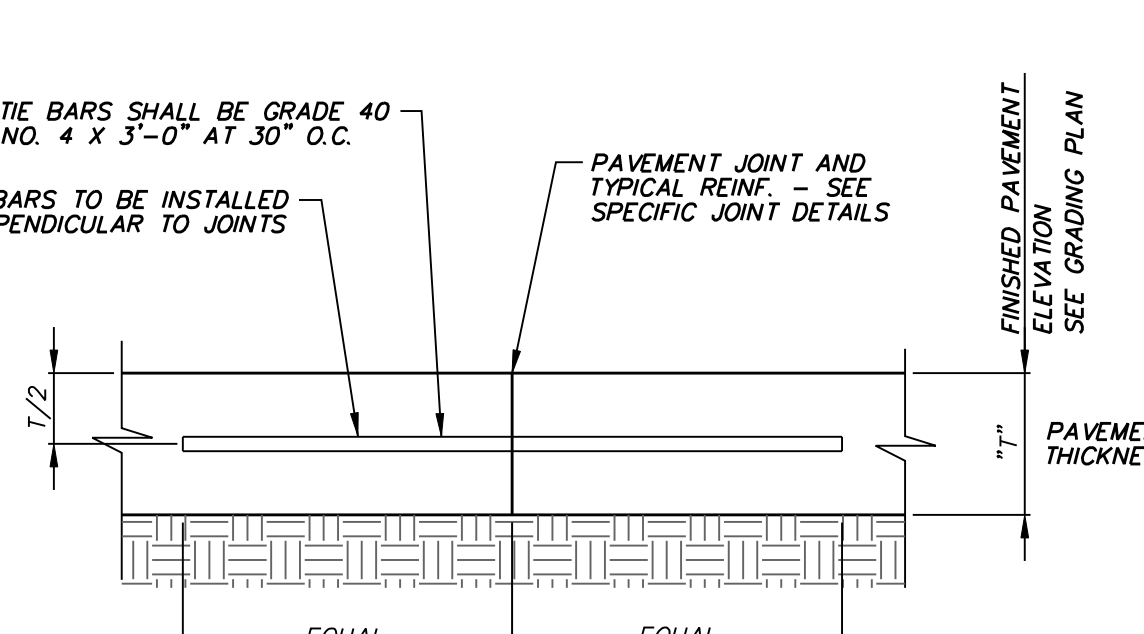
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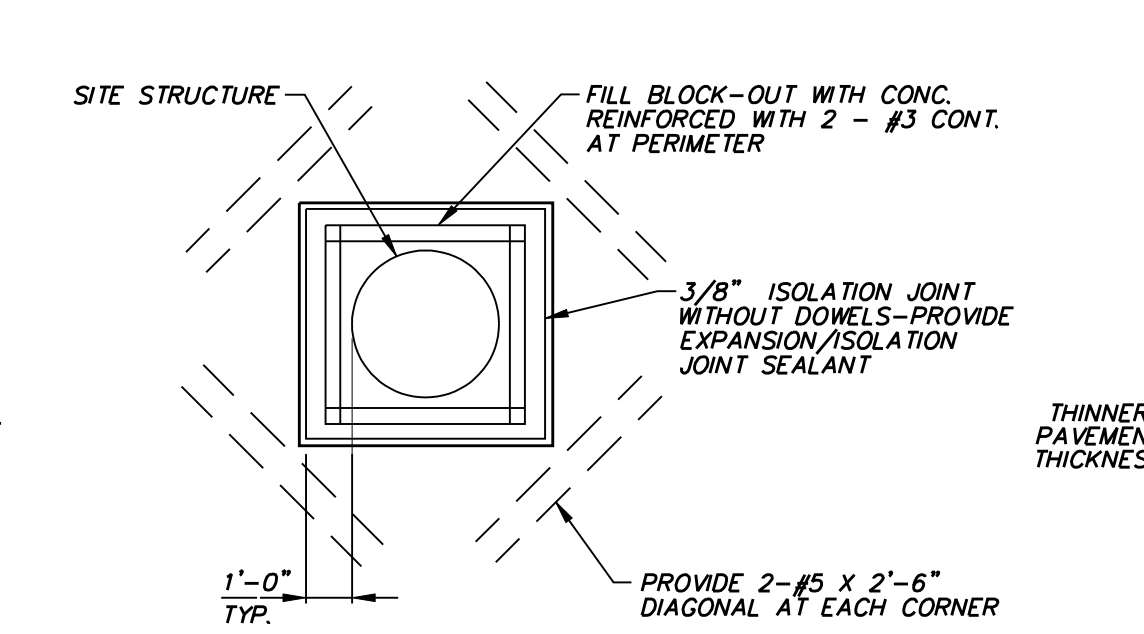
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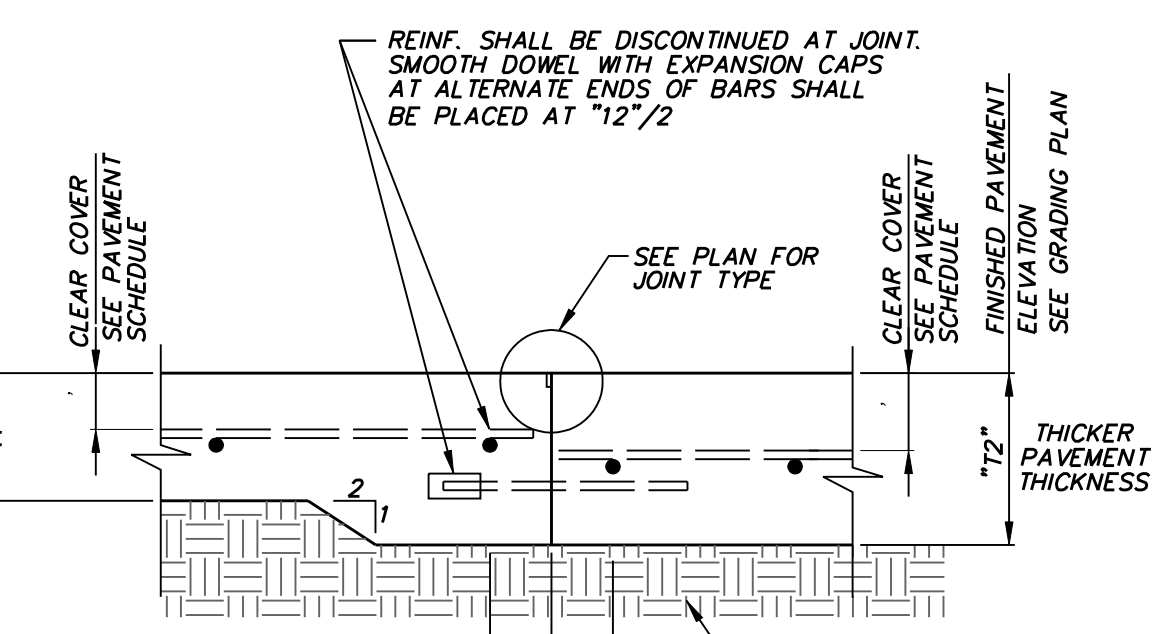
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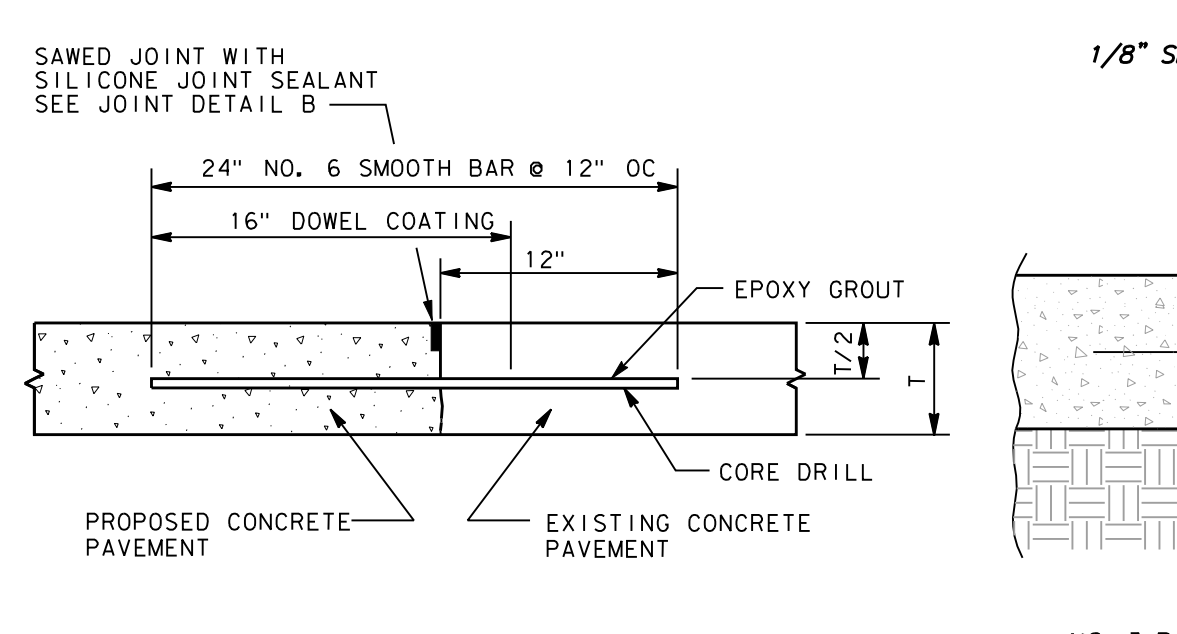
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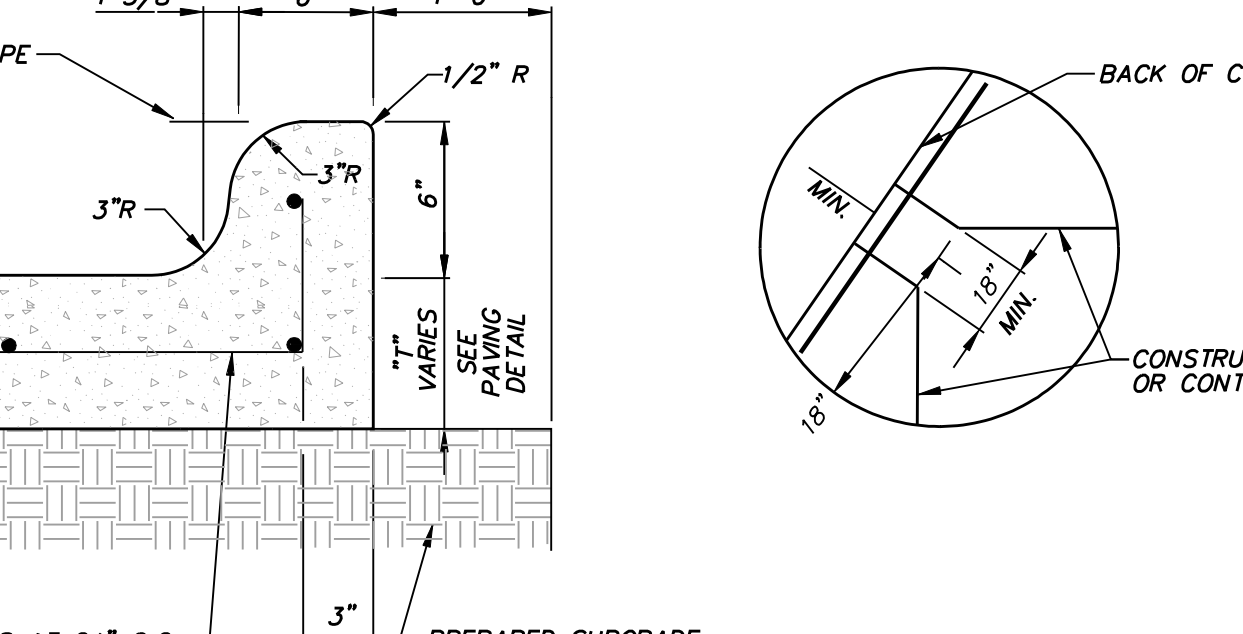
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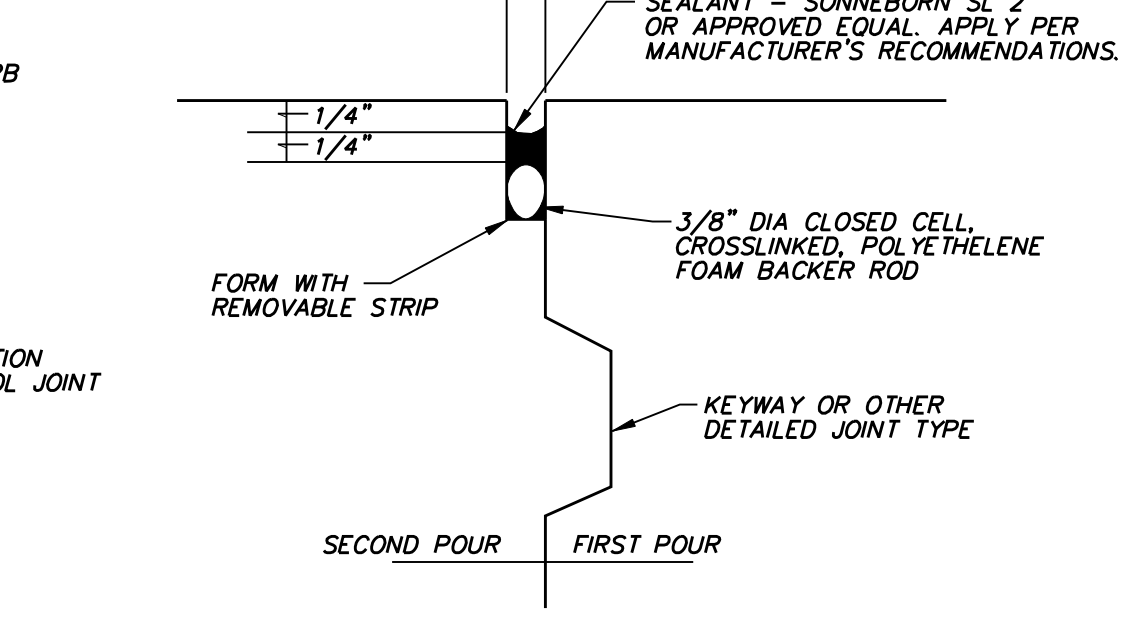
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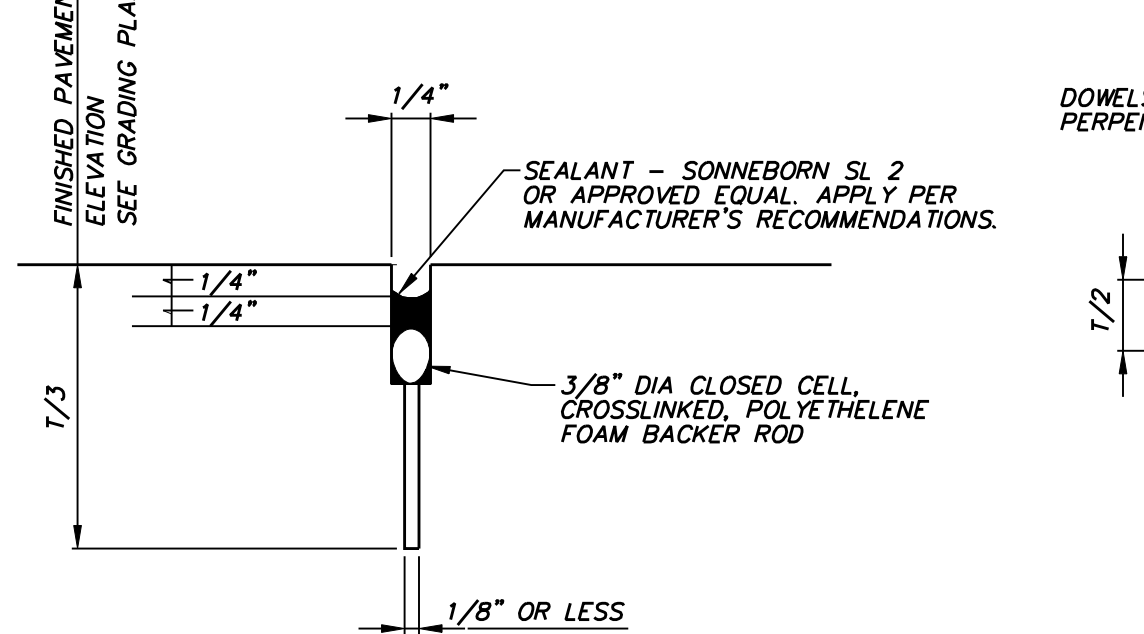
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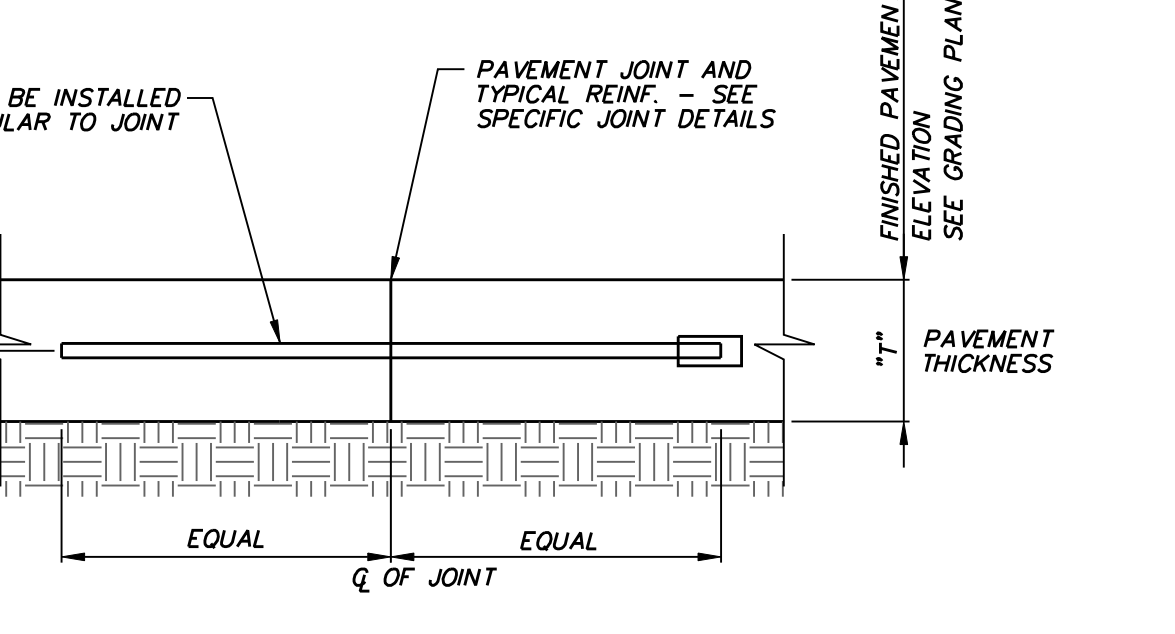
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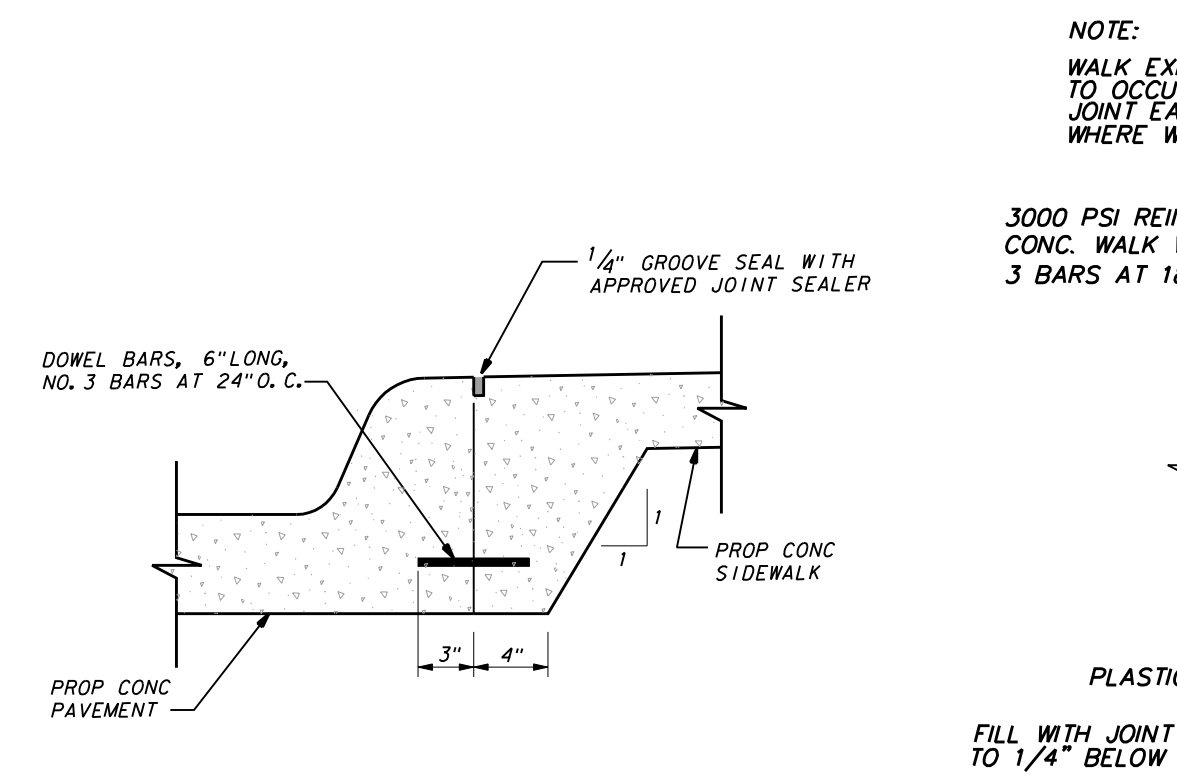
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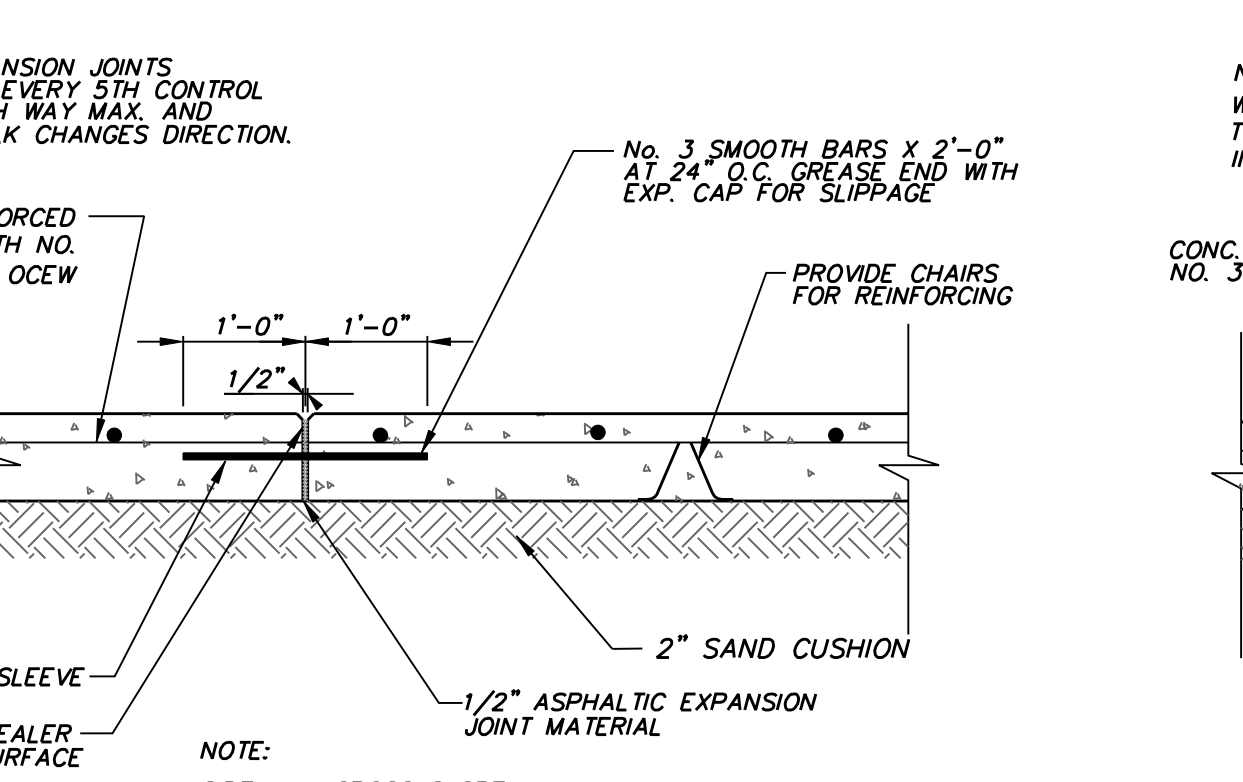
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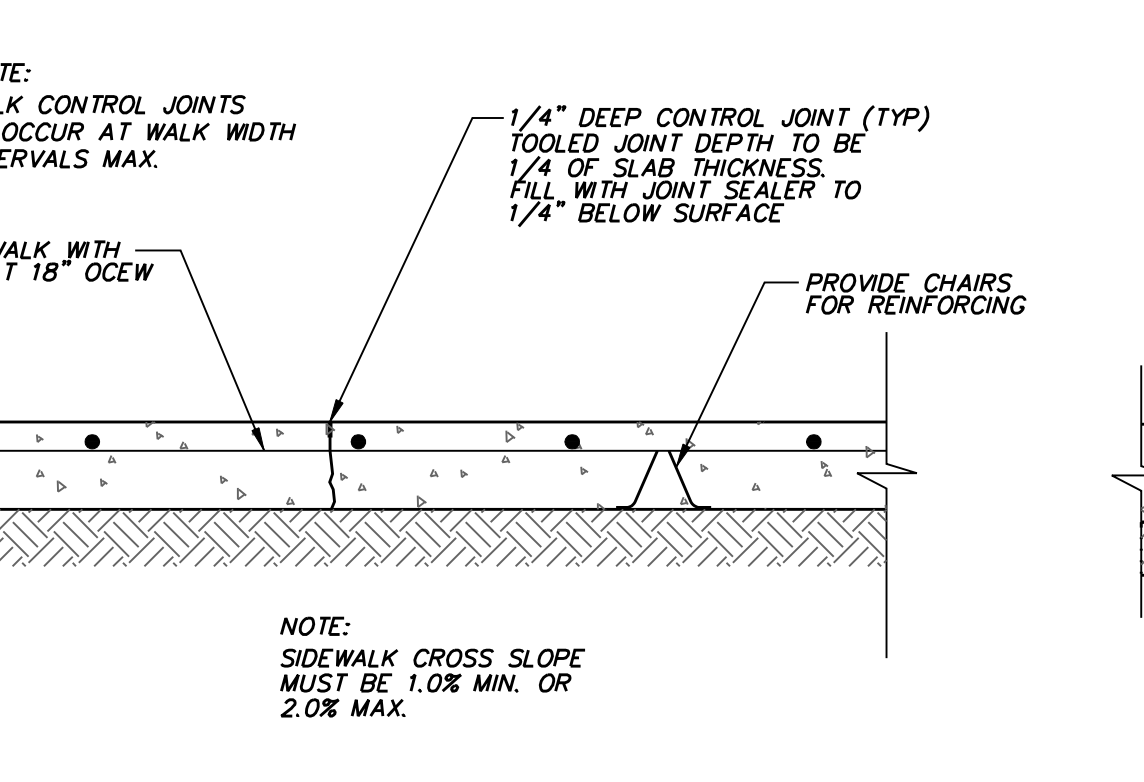
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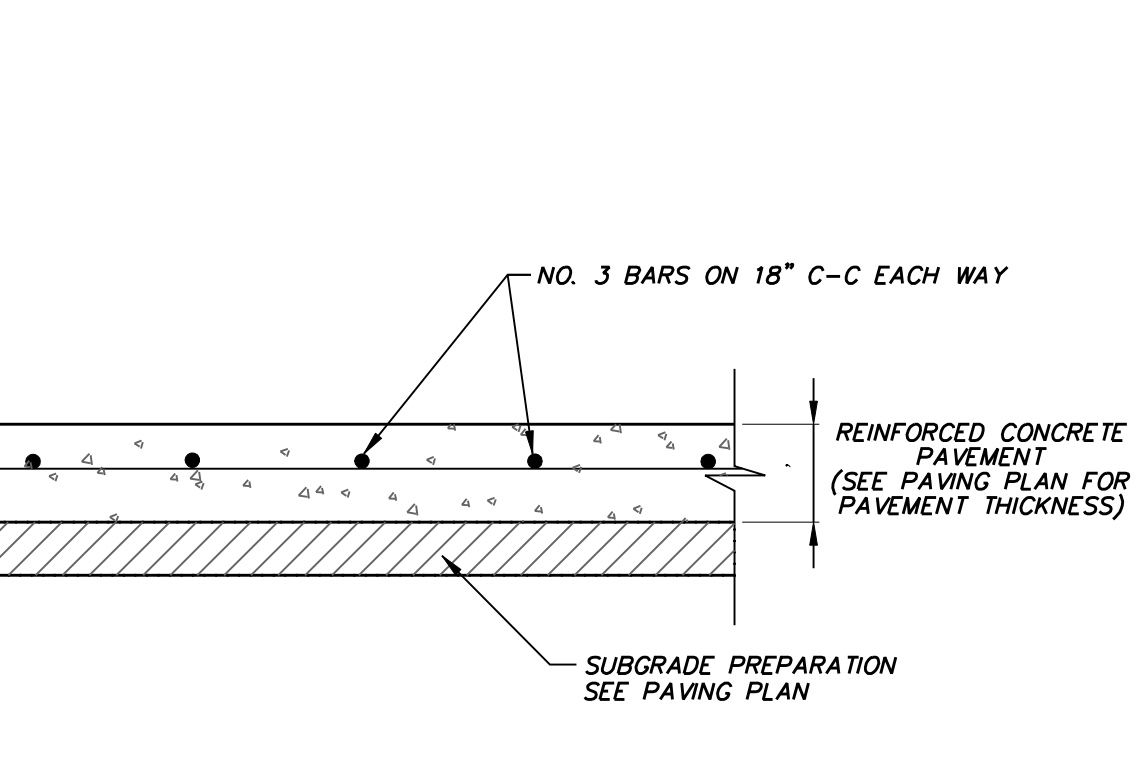
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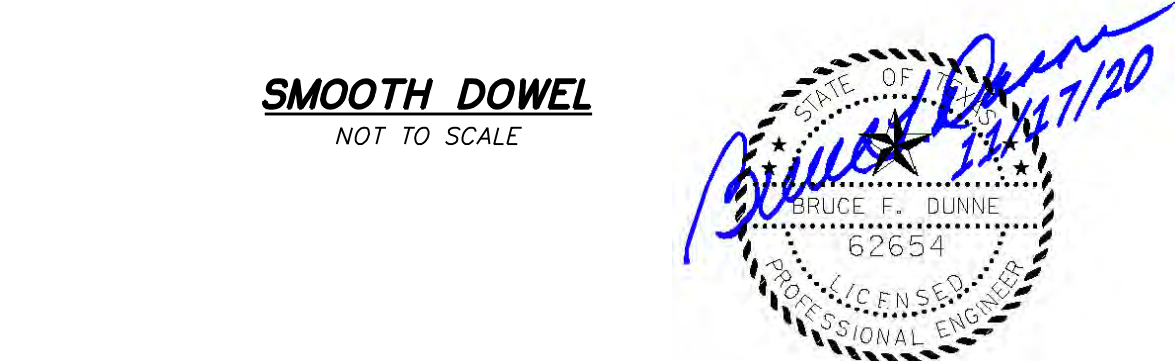
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**SIDEWALK CONTROL JOINT**  
NOT TO SCALE



**TYPICAL PAVEMENT SECTION**  
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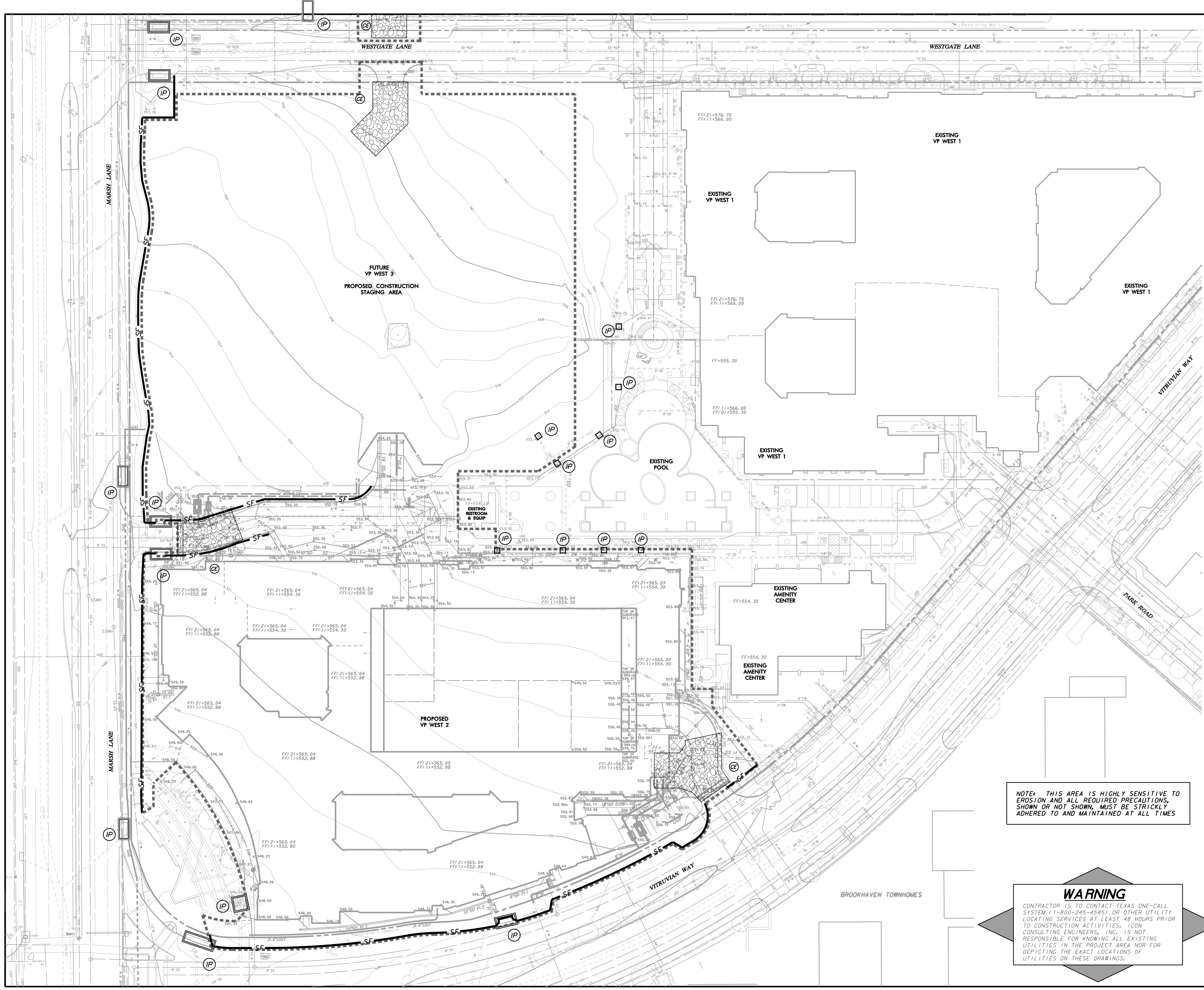
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 Engineering Firm Registration Number F-9007

**VITRUVIAN WEST 2**  
 VITRUVIAN PARK - TOWN OF ADDISON, TEXAS  
 3725 VITRUVIAN WAY  
**PRIVATE PAVING DETAILS**

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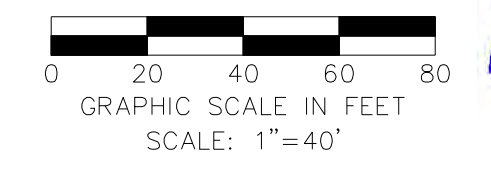
**EROSION CONTROL NOTES**

- GENERAL CONSTRUCTION NOTES:** REFER TO SHEET C1.00 "GENERAL CONSTRUCTION NOTES, LEGEND AND ABBREVIATIONS" FOR THE GENERAL CONSTRUCTION NOTES FOR THE PROJECT.
- SWPPP COMPLIANCE:** THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE CONDITIONS OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) WHILE CONDUCTING HIS ACTIVITIES ON THIS PROJECT. IN ADDITION TO CONSTRUCTING THOSE ITEMS INDICATED ON THE PLAN SHEETS, COMPLIANCE WITH THE SWPPP INCLUDES CONFORMANCE TO CERTAIN PRACTICES AND PROCEDURES (IDENTIFIED IN THE SWPPP) DURING PROJECT CONSTRUCTION. THE SWPPP PLANS AND DOCUMENTS ARE PROVIDED FOR THE SOLE BENEFIT OF THE CONTRACTOR AS A PLANNING TOOL FOR COMPLYING WITH THE ENVIRONMENTAL REGULATIONS OF THIS PROJECT. THE CONTRACTOR IS EXPECTED TO PROVIDE, EXPAND, SUBMIT AND MONITOR A FULL COMPREHENSIVE SWPPP BEYOND WHAT IS HEREIN PROVIDED.
- BMP INSTALLATION:** PRIOR TO COMMENCING GRADING OPERATIONS, THE CONTRACTOR SHALL INSTALL ALL SWPPP MEASURES AND DEVICES AS INDICATED ON THE EROSION & SEDIMENT CONTROL PLAN. ALL SWPPP MEASURES AND DEVICES SHALL BE IN ACCORDANCE WITH SPECIFICATIONS AND DETAILS SHOWN IN THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS CONSTRUCTION "BEST MANAGEMENT PRACTICES" (BMP) MANUAL, OR AS MODIFIED BY THE CONTRACT DOCUMENTS.
- CLEANING, REPAIR AND MAINTENANCE:** THE CONTRACTOR SHALL REFER TO THE SWPPP FOR SEQUENCING OF CONSTRUCTION, INSTALLATION OF NEW EROSION CONTROL DEVICES AND CLEANING, REPAIR AND MAINTENANCE OF EXISTING EROSION CONTROL DEVICES. THE CONTRACTOR SHALL REVISE, RELOCATE AND/OR ADD DEVICES TO REFLECT ACTUAL SITE CONDITIONS AND TO ACCOMMODATE LOCATIONS FOR CONSTRUCTION TRAILER AREAS, STORAGE AREAS, FUELING AREAS, TOILETS, TRASH RECEPTACLES AND WASHOUT AREAS. ANY ACCIDENTAL RELEASE OF SEDIMENT OR POLLUTANTS FROM THE SITE SHALL BE CLEANED BY THE CONTRACTOR IMMEDIATELY.
- SITE ENTRY/EXIT LOCATIONS:** SITE ENTRY AND EXIT LOCATIONS SHALL BE MAINTAINED BY THE CONTRACTOR IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAYS. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADWAYS MUST BE REMOVED IMMEDIATELY. WHEN WASHING OF VEHICLES IS REQUIRED TO REMOVE SEDIMENT PRIOR TO ENTRANCE TO A PUBLIC ROADWAY, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT BASIN. ALL FINES IMPOSED FOR TRACKING ONTO PUBLIC ROADS SHALL BE PAID BY THE CONTRACTOR.
- PROTECTION OF ADJACENT PROPERTY:** CONTRACTOR SHALL ASSUME FULL LIABILITY FOR DAMAGE TO ADJACENT PROPERTIES AND/OR PUBLIC RIGHT-OF-WAY RESULTING FROM FAILURE TO FULLY IMPLEMENT AND EXECUTE ALL EROSION CONTROL METHODS AND PROCEDURES SHOWN AND NOTED IN THE PLANS AND SWPPP.
- RE-VEGETATION:** AT THE COMPLETION OF PAVING AND FINAL GRADING OPERATIONS, ALL DISTURBED AREAS SHALL BE VEGETATED IN ACCORDANCE WITH THE LANDSCAPE ARCHITECTS' PLANS. IN AREAS NOT COVERED BY LANDSCAPE PLAN, THE CONTRACTOR SHALL PROVIDE HYDROMULCH SEEDING AND/OR SODDING FOR ALL DISTURBED AREAS (NOT DESIGNATED TO BE PAVED) IN ACCORDANCE WITH ALL GOVERNING AUTHORITIES' SPECIFICATIONS.
- BMP REMOVAL:** THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL SEDIMENT BARRIERS AND INLET PROTECTION AFTER VEGETATION HAS BEEN COMPLETED AND ALL AREAS OF THE SITE HAVE BEEN STABILIZED AND ACCEPTED BY THE GOVERNING AUTHORITIES AND THE DEVELOPER.
- ADDITIONAL:** AS NEW FACILITIES COME ONLINE, ADD ADDITIONAL BMP/SCM.

**LEGEND**

- LIMITS OF DISTURBANCE -----
- INLET PROTECTION [IP symbol]
- FINISHED SLOPE [arrow symbol]
- SPOT ELEVATION (TOP OF GROUND/PAVEMENT) x 525.80
- SILT FENCE [SF symbol]
- STABILIZED CONSTRUCTION ENTRANCE [CE symbol]

BM #1 REF. ELEVATION = 547.84  
 SQUARE CUT IN TOP OF CURB, NORTH MEDIAN END NOSE,  
 AT INTERSECTION OF VITRUVIAN WAY AND MARSH LANE.  
 BM #2 REF. ELEVATION = 559.47  
 SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END  
 NOSE, MARSH LANE 1127' NORTH OF VITRUVIAN WAY.



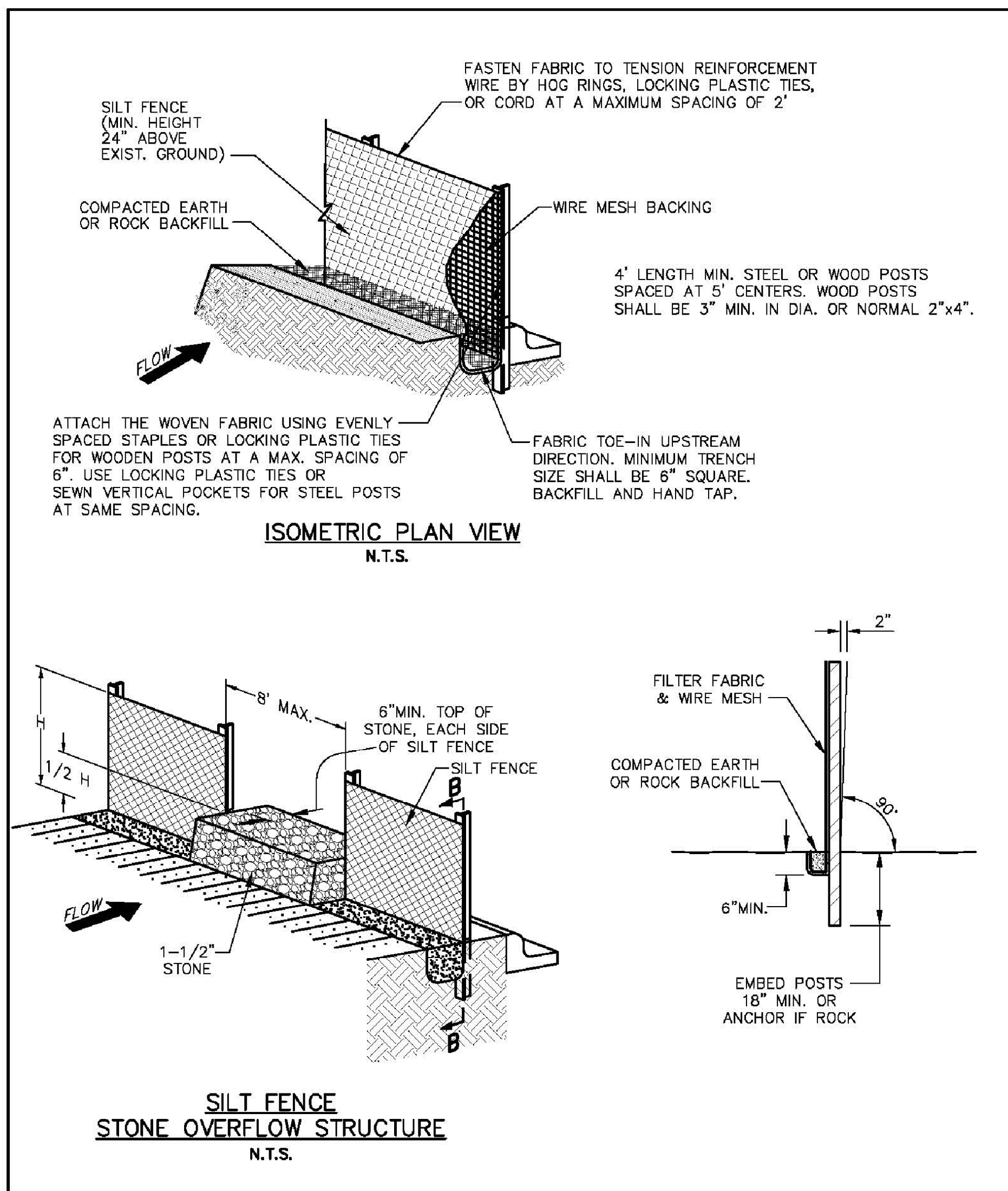
NOTE: THIS AREA IS HIGHLY SENSITIVE TO EROSION AND ALL REQUIRED PRECAUTIONS, SHOWN OR NOT SHOWN, MUST BE STRICTLY ADHERED TO AND MAINTAINED AT ALL TIMES

**WARNING**  
 CONTRACTOR IS TO CONTACT TEXAS ONE-CALL SYSTEM (1-800-245-4545) OR OTHER UTILITY LOCATING SERVICES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITIES. ICON CONSULTING ENGINEERS, INC. IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES IN THE PROJECT AREA NOR FOR DEPICTING THE EXACT LOCATIONS OF UTILITIES ON THESE DRAWINGS.

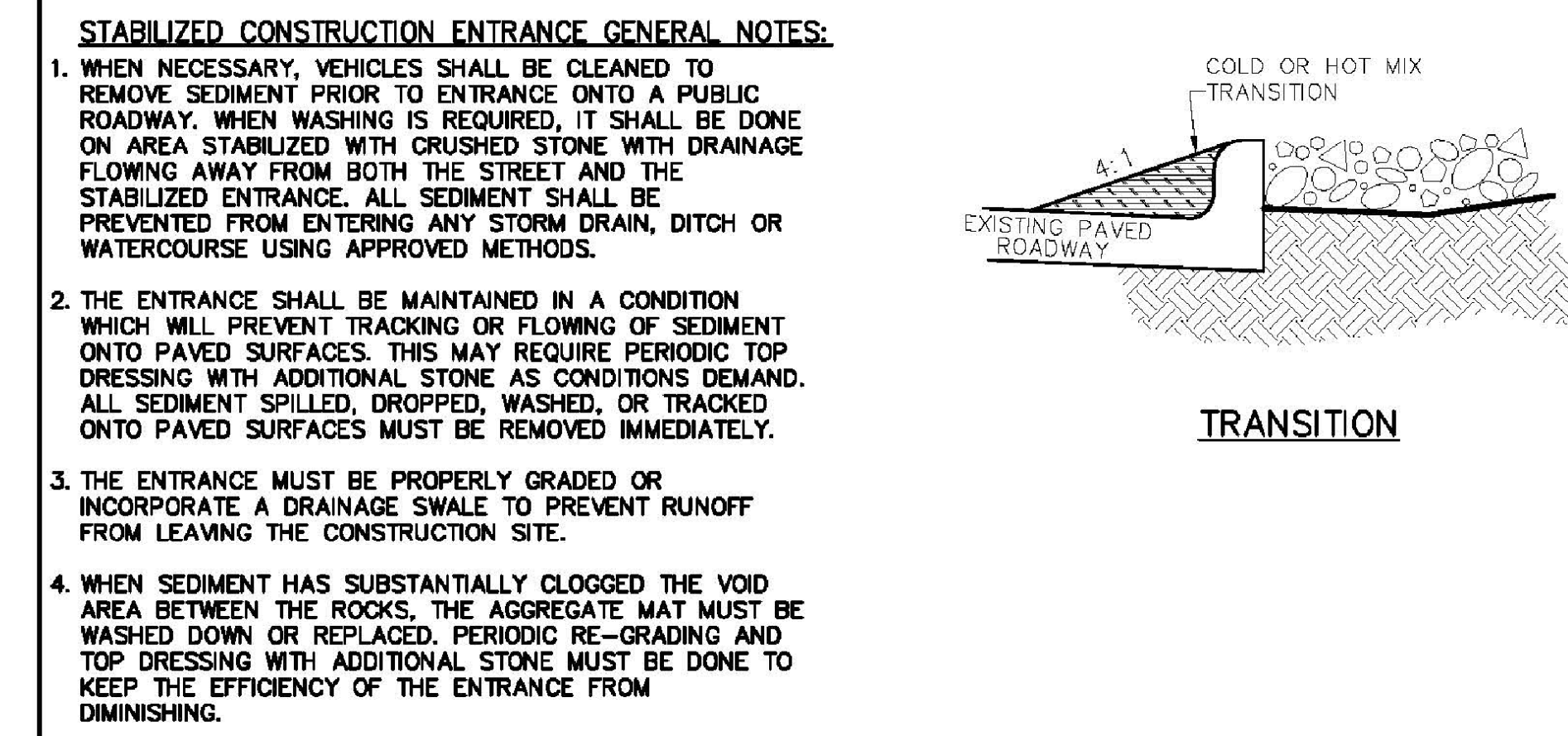
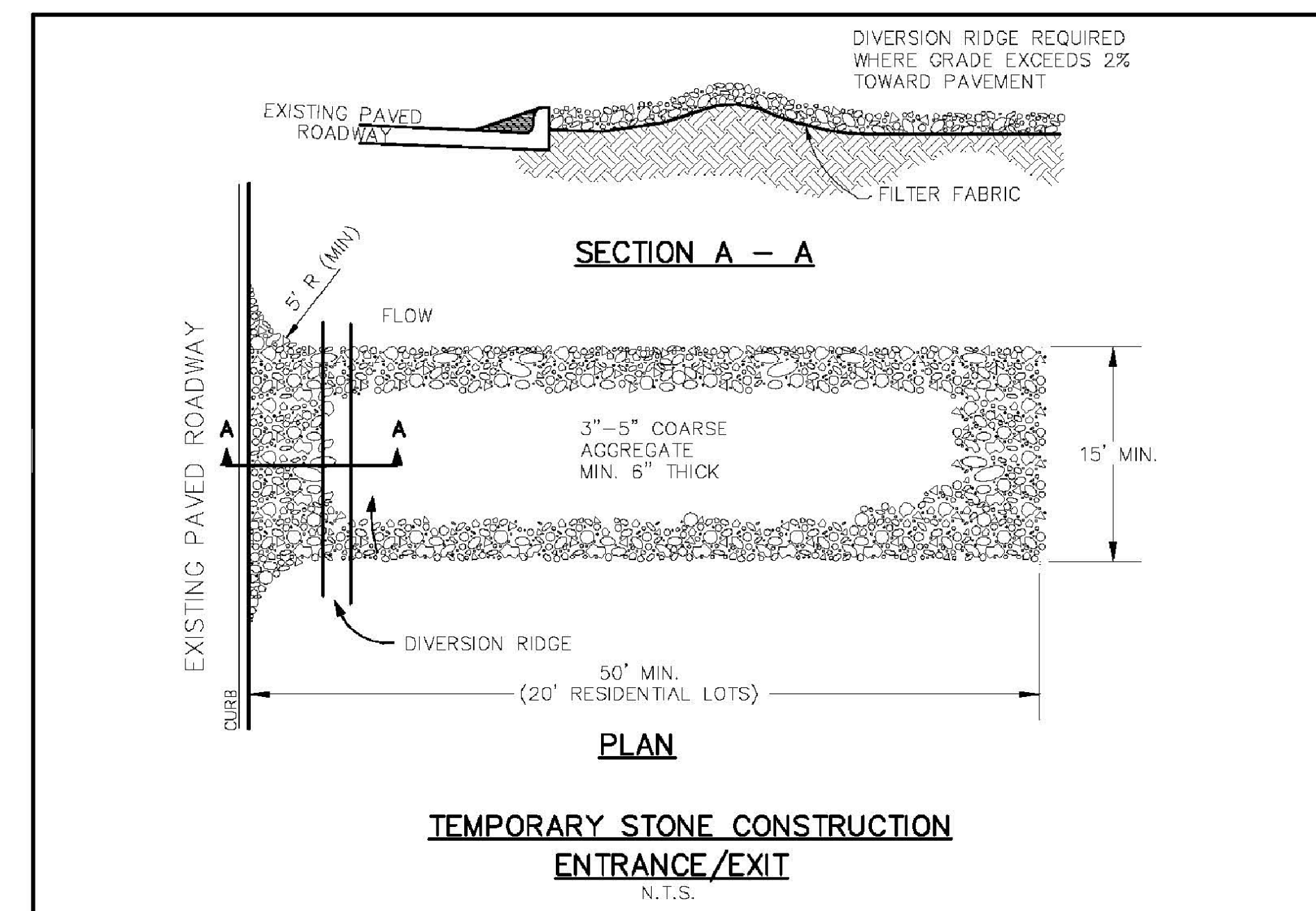
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<b>VITRUVIAN WEST 2</b>			
VITRUVIAN PARK - TOWN OF ADDISON, TEXAS			
3725 VITRUVIAN WAY			
<b>EROSION &amp; SEDIMENT CONTROL PLAN</b>			
DESIGN	DRAWN	DATE	SCALE
ICE	ICE	NOV 17, 2020	AS NOTED
NOTES			Sheet No.
			C7.01

VITRUVIAN WEST 2 - PROJECT NO. 5019-18





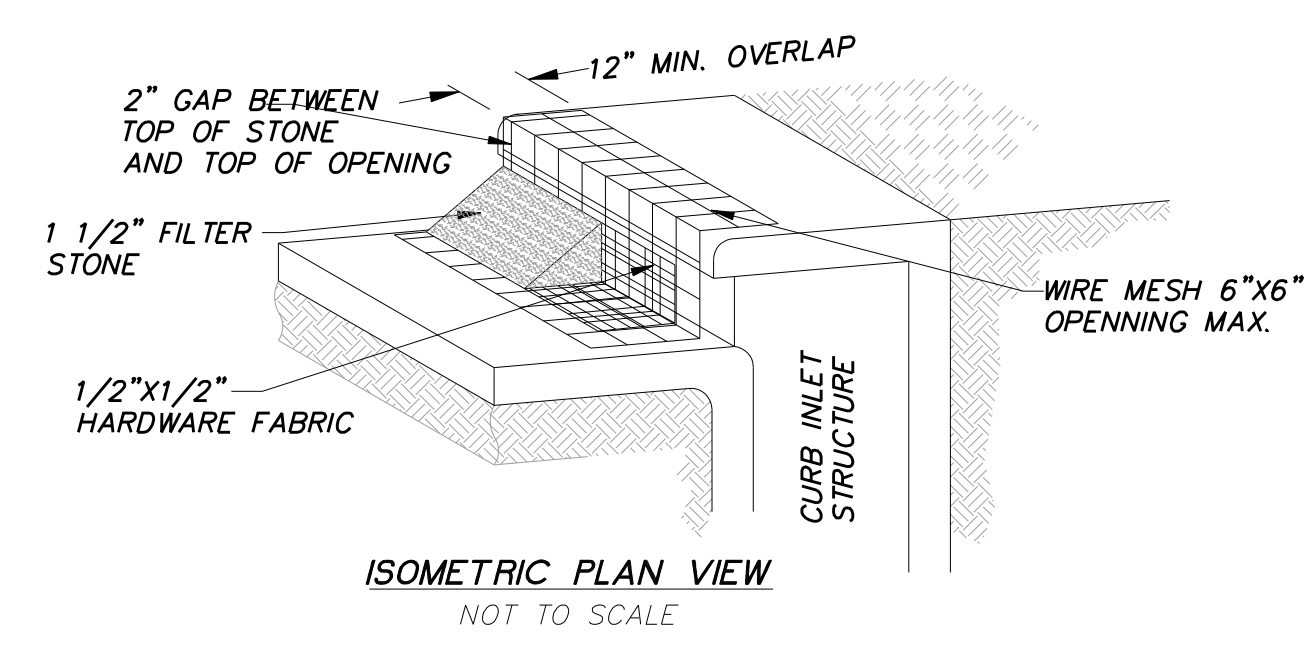
 PUBLIC WORKS DEPARTMENT	SILT FENCE DETAIL	STANDARD CONSTRUCTION DETAILS EROSION CONTROL		
		DATE: AUGUST, 2010	REV DATE: -	SHEET : SD-EC02



 PUBLIC WORKS DEPARTMENT	TEMPORARY STONE CONSTRUCTION ENTRANCE/EXIT	STANDARD CONSTRUCTION DETAILS EROSION CONTROL		
		DATE: AUGUST, 2010	REV DATE: -	SHEET : SD-EC03

- EROSION CONTROL PLAN NOTES**
- ALL OPERATORS AND/OR CONTRACTORS SHALL CONFORM TO THE TERMS AND CONDITIONS OF THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ), TPDES GENERAL PERMIT NO. TXR 150000 ISSUED AND DATED MARCH 5, 2003.
  - THE NOTICE OF INTENT (NOI), AS REQUIRED BY THE GENERAL PERMIT, MUST BE PROPERLY DISPLAYED ON SITE AT ALL TIMES BY EACH OPERATOR.
  - ALL RELEASES OF THE REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES SHALL BE REPORTED IMMEDIATELY TO THE FACILITY OPERATOR, EPA AND TCEQ.
  - QUALIFIED OPERATOR PERSONNEL MUST INSPECT THE SITE AT LEAST ONCE EVERY 14 DAYS AND WITHIN 24 HOURS OF A STORM EVENT OF 0.5 INCHES OR GREATER. AS AN ALTERNATIVE, AN INSPECTION CAN BE CONDUCTED ONCE EVERY SEVEN (7) CALENDAR DAYS ON A DEFINED DAY. A DECISION ON WHICH METHOD TO USE MUST BE DECIDED BEFORE WORK BEGINS AND MUST BE FOLLOWED THROUGHOUT THE PROJECT.
  - MODIFICATIONS TO THE STORM WATER POLLUTION PREVENTION PLAN SHALL BE IMPLEMENTED AND BE IN-PLACE WITHIN A SEVEN CALENDAR DAY PERIOD.
  - IF ANY CONTRACTOR SEES A VIOLATION BY AN OPERATOR OR ANOTHER CONTRACTOR, THAT OPERATOR OR CONTRACTOR IN VIOLATION SHALL BE NOTIFIED AS WELL AS THE FACILITY OPERATOR.
  - EROSION CONTROL SHALL BE INSTALLED PRIOR TO GRADING.
  - ACCUMULATED SILT DEPOSITS SHALL BE REMOVED FROM SILT FENCES AND HAY BALE DIKES WHEN SILT DEPTH REACHES THREE INCHES OR 25%.
  - THE CONTRACTOR SHALL ADD OR DELETE EROSION PROTECTION AT THE REQUEST AND DIRECTION OF THE OPERATOR OR TOWN.
  - AFTER INSTALLATION OF PAVEMENT, FINAL LOT BENCHING AND GENERAL CLEANUP, THE CONTRACTOR SHALL ESTABLISH GRASS GROUND COVER IN ALL STREET PARKWAYS, LOT AND ALL OTHER DISTURBED AREAS. SODDING SHALL BE DONE AS SPECIFIED BY SECTION 202.5 AND SEEDING AS SPECIFIED BY SECTION 202.6 OF THE OCTOBER 2004 OR LATEST EDITION OF NCTCOG STANDARD SPECIFICATION.
  - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTROL AND LIMIT SILT AND SEDIMENT LEAVING THE SITE. SPECIFICALLY, THE CONTRACTOR SHALL PROTECT ALL PUBLIC STREETS, ALLEYS, STREAMS AND STORM DRAINAGE SYSTEMS FROM EROSION DEPOSITS.
  - A DRAINAGE AREA MAP WILL BE INCLUDED WITH THE EROSION CONTROL PLAN.
  - CONSTRUCTION WASTE DISPOSAL CONTAINERS SHALL BE PROVIDED ON THE SITE FOR DISPOSAL OF ALL NON-HAZARDOUS CONSTRUCTION WASTE MATERIALS. THE CONTAINERS SHALL BE HAUL TO LANDFILL BY THE CONTRACTOR.
  - ALL HAZARDOUS MATERIALS SHALL BE HANDLED AND DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
- SILT FENCE NOTES**
- POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. THE POST MUST BE EMBEDDED A MINIMUM OF 18 INCHES.
  - THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CANNOT BE TRENCHED IN (E.G. PAVEMENT), WEIGHT FABRIC FLAP WITH WASHED GRAVEL ON THE UPHILL SIDE TO PREVENT FLOW UNDER FENCE.
  - THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
  - SILT FENCE SHALL BE SECURELY FASTENED TO EACH SUPPORT POST OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE SUPPORT POST. THERE SHALL BE A 6 INCH DOUBLE OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.
  - INSPECTION SHALL BE MADE EVERY TWO WEEKS OR AFTER EACH RAINFALL. REPAIR OR REPLACEMENT SHALL BE PROMPTLY AS NEEDED.
  - SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
  - ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 3 INCHES. THE SILT SHALL BE DISPOSED OF AT AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.

 PUBLIC WORKS DEPARTMENT	EROSION CONTROL & SILT FENCE NOTES	STANDARD CONSTRUCTION DETAILS EROSION CONTROL		
		DATE: AUGUST, 2010	REV DATE: -	SHEET : SD-EC01



- NOTES:**
- MATERIAL SPECIFICATIONS:**
    - CONCRETE BLOCK-ASTM C 139, CONCRETE MASONRY UNIT FOR CONSTRUCTION.
    - WIRE FABRIC-STANDARD GALVANIZED HARDWARE FABRIC WITH 1/2" BY 1/2" OPENINGS.
    - FILTER STONE-NCTCOG SPECIFICATION 2.1.8.(E).
    - WIRE MESH-WELDED WIRE FABRIC CONFORMING TO NCTCOG SPECIFICATION 2.2.7 MAXIMUM OPENING 6"x6".
  - MAINTENANCE REQUIREMENTS:** CURB INLET PROTECTION SHOULD BE INSPECTED WEEKLY AND AFTER MAJOR RAIN EVENTS TO ENSURE THAT THE DEVICE IS FUNCTIONING PROPERLY. REMOVE SEDIMENT FROM THE STORAGE AREA WHEN THE DEPTH OF SEDIMENT HAS BUILT UP TO ONE-HALF OF THE STORAGE DEPTH. IF DE-WATERING OF THE STORAGE VOLUME IS NOT OCCURRING, CLEAN OR REPLACE THE FILTER STONE. CLEAN THE FILTER STONE SURFACE THE FIRST FEW TIMES BY RAKING. REPEATED SEDIMENT BUILD-UP WILL REQUIRE FILTER STONE REPLACEMENT.
  - DO NOT USE A SEDIMENT FILTER TO CONTROL EROSION AROUND "Y" INLETS, UTILIZE SEDIMENT FENCES.
  - EXTEND MESH, FABRIC AND FILTER STONE 12" BEYOND END OF INLET ON BOTH ENDS.

**CURB INLET PROTECTION**  
NOT TO SCALE

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**VITRUVIAN WEST 2**

VITRUVIAN PARK - TOWN OF ADDISON, TEXAS

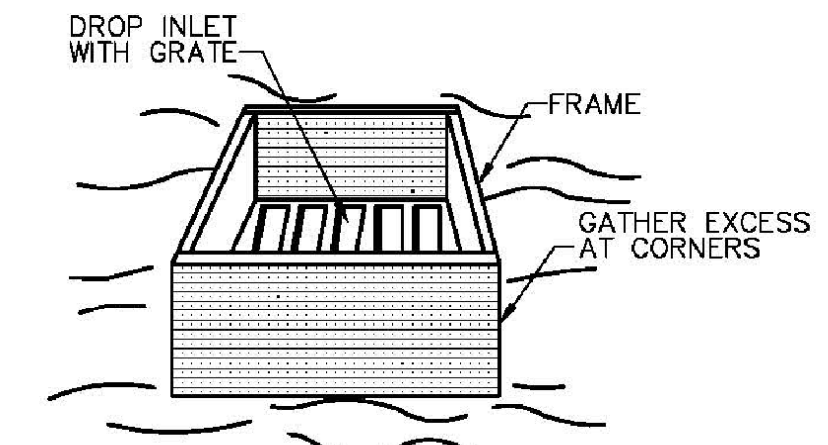
3725 VITRUVIAN WAY

**EROSION & SEDIMENT CONTROL DETAILS**

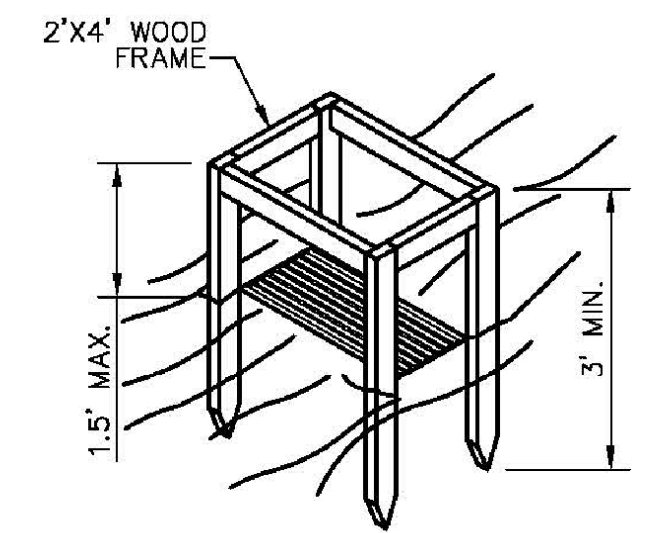
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VITRUVIAN WEST 2 - PROJECT NO. 5019-18

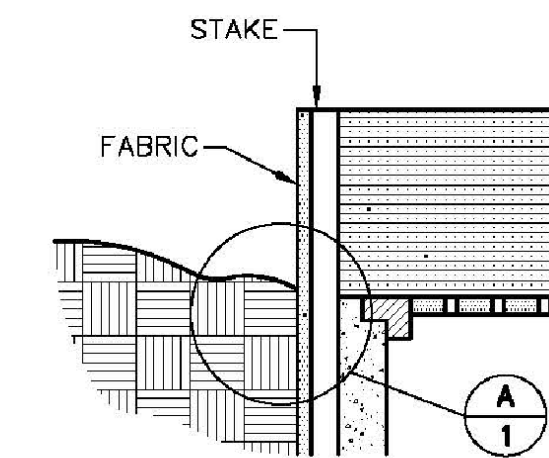




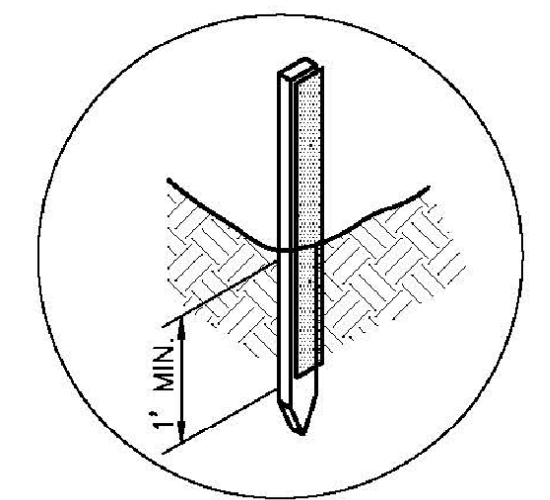
PERSPECTIVE VIEW



PERSPECTIVE VIEW



ELEVATION OR STAKE AND FABRIC ORIENTATION



DETAIL 'A'

**SPECIFIC APPLICATION**  
 THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPE NO GREATER THAN 5%) WHERE THE INLET SHEET OR OVER-LAND FLOWS (NOT TO EXCEED 1 C.F.S.) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS SUCH AS IN STREETS OR HIGHWAY MEDIANS.

**Addison!**  
 PUBLIC WORKS DEPARTMENT

**GRATE AND WYE INLET PROTECTION**

**STANDARD CONSTRUCTION DETAILS EROSION CONTROL**

DATE: AUGUST, 2010	REV DATE: -	SHEET : SD-E004
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 Engineering Firm Registration Number F-9007

**VITRUVIAN WEST 2**

VITRUVIAN PARK - TOWN OF ADDISON, TEXAS

3725 VITRUVIAN WAY

**EROSION & SEDIMENT CONTROL DETAILS**

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