VIGO COUNTY **SECURITY CENTER**

September 5, 2019

CONTACT INFORMATION

VIGO COUNTY BOARD OF COMMISSIONERS 650 SOUTH 1ST STREET TERRE HAUTE, IN 47807 812.462.3367

VIGO COUNTY SHERIFF'S OFFICE 201 CHERRY STREET TERRE HAUTE, IN 47807 812.462.3226



COUNTY COMMISSIONER COUNTY COMMISSIONER COUNTY COMMISSIONER ATTORNEY

BRAD ANDERSON, PRESIDENT JUDY ANDERSON BRENDAN KEARNS MICHAEL WRIGHT

COUNTY COUNCIL

COUNCIL AT LARGE COUNCIL AT LARGE COUNCIL AT LARGE **COUNCIL DISTRICT 1** COUNCIL DISTRICT 2 **COUNCIL DISTRICT 3 COUNCIL DISTRICT 4**

AARON LOUDERMILK, PRESIDENT LISA SPENCE-BUNNETT JIM MANN DAVID THOMPSON **CHRIS SWITZER** VICKI WEGER MIKE MORRIS

SHERIFF'S OFFICE

SHERIFF CHIEF DEPUTY CHIEF OF OPERATIONS JAIL COMMANDER **JAIL MATRON**

JOHN PLASSE STEVE MENG DEREK FELL **CHARLES FUNK** CASEY LEE

DLZ PROJECT NO. 1663-1190-90



ARCHITECT/ENGINEER: DLZ INDIANA, LLC 157 East Maryland Street Indianapolis, IN 46204 Office: 317.633.4120 Fax: 317.633.4177





GENERAL

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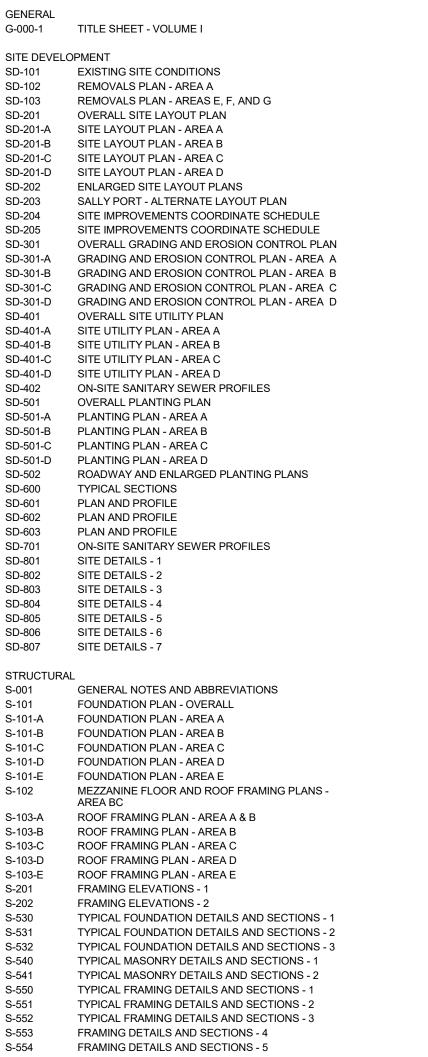
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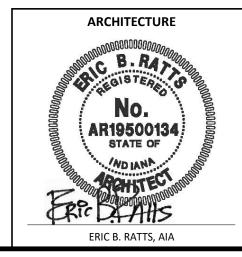
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CONSTRUCTION MANAGER: **GARMONG Construction Services** 3050 Poplar Street Terre Haute, IN 47803 ARMO



Office: 812.234.3714 Fax: 812.234.1403

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PLUMBING SECTIONS

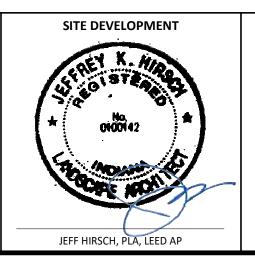
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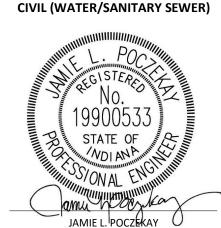
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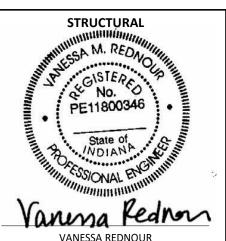
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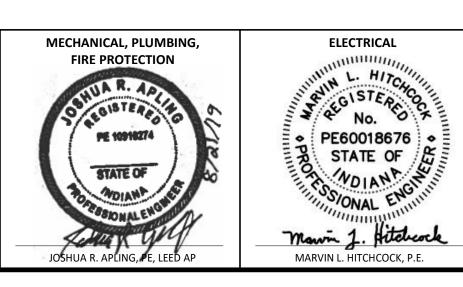
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ES-400	SECURITY ELECTRONICS RISER











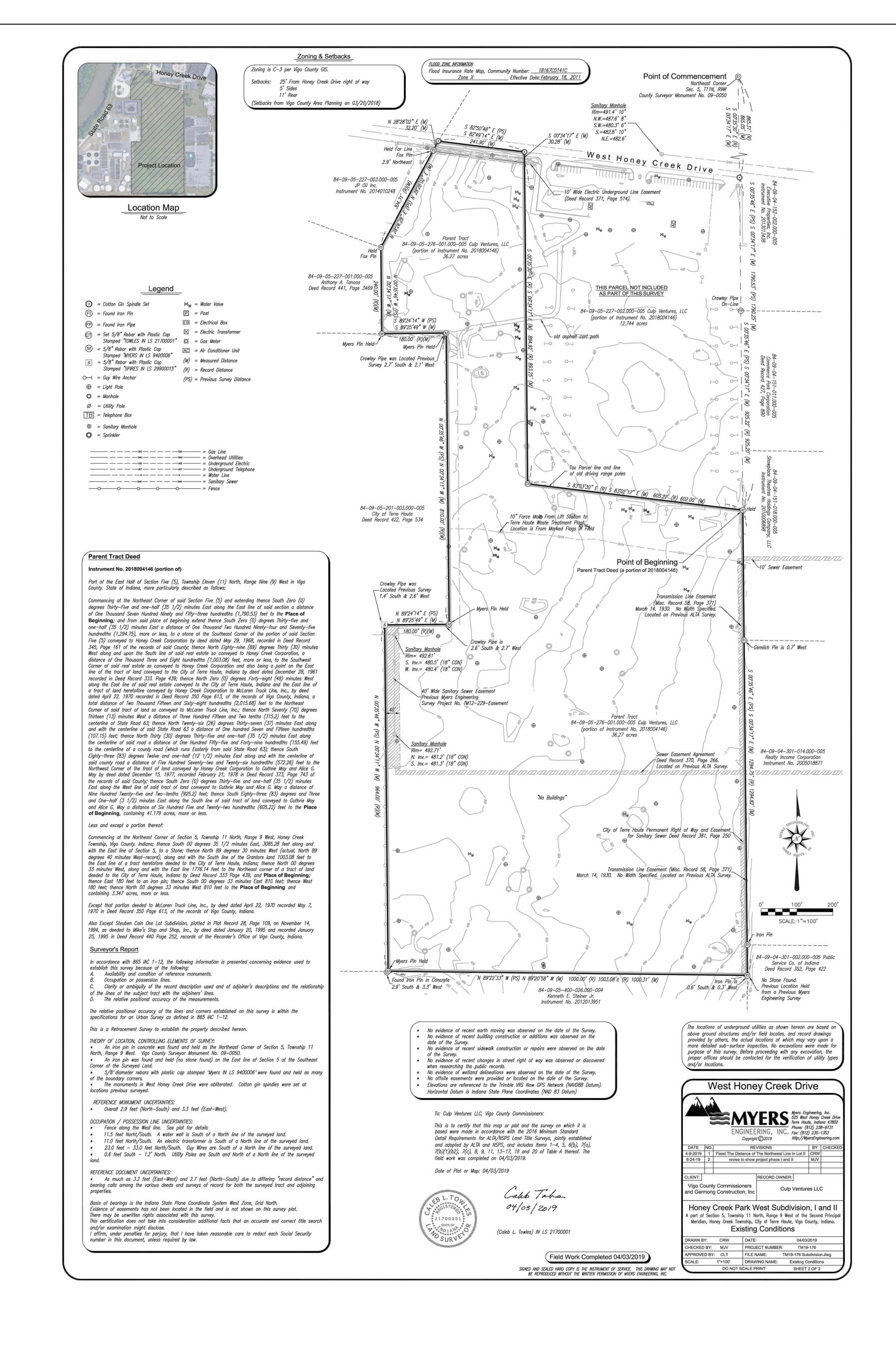
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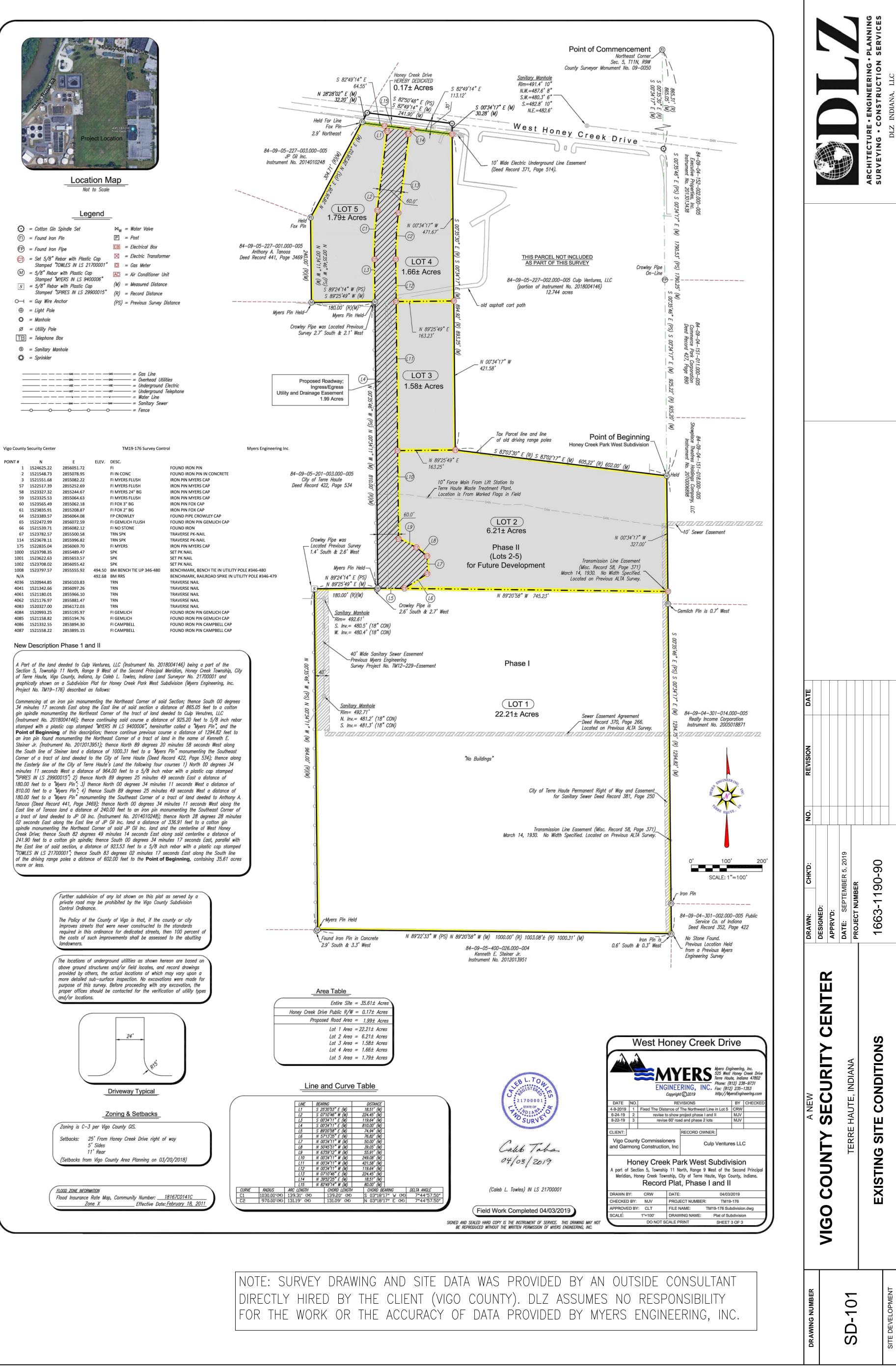
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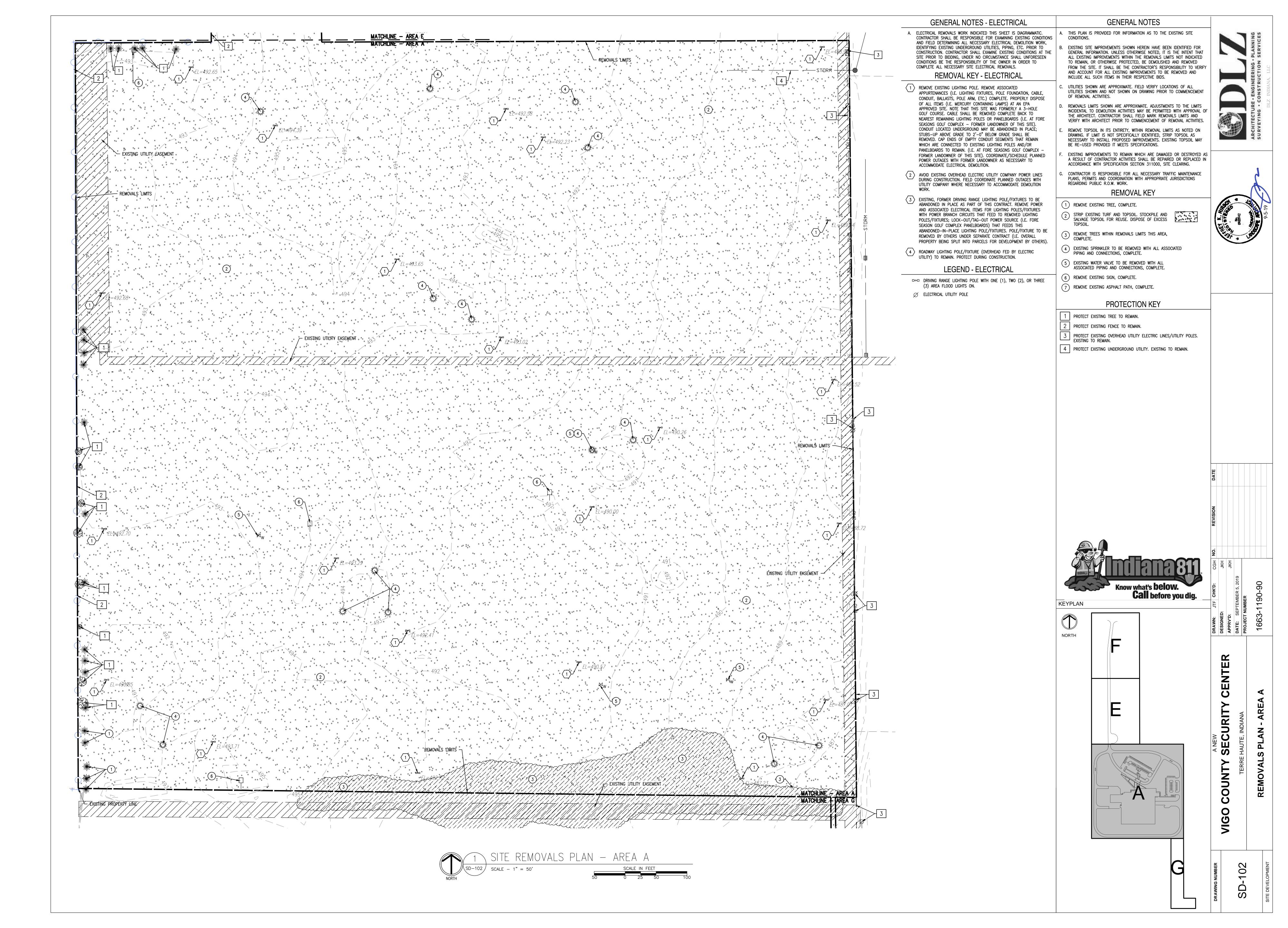
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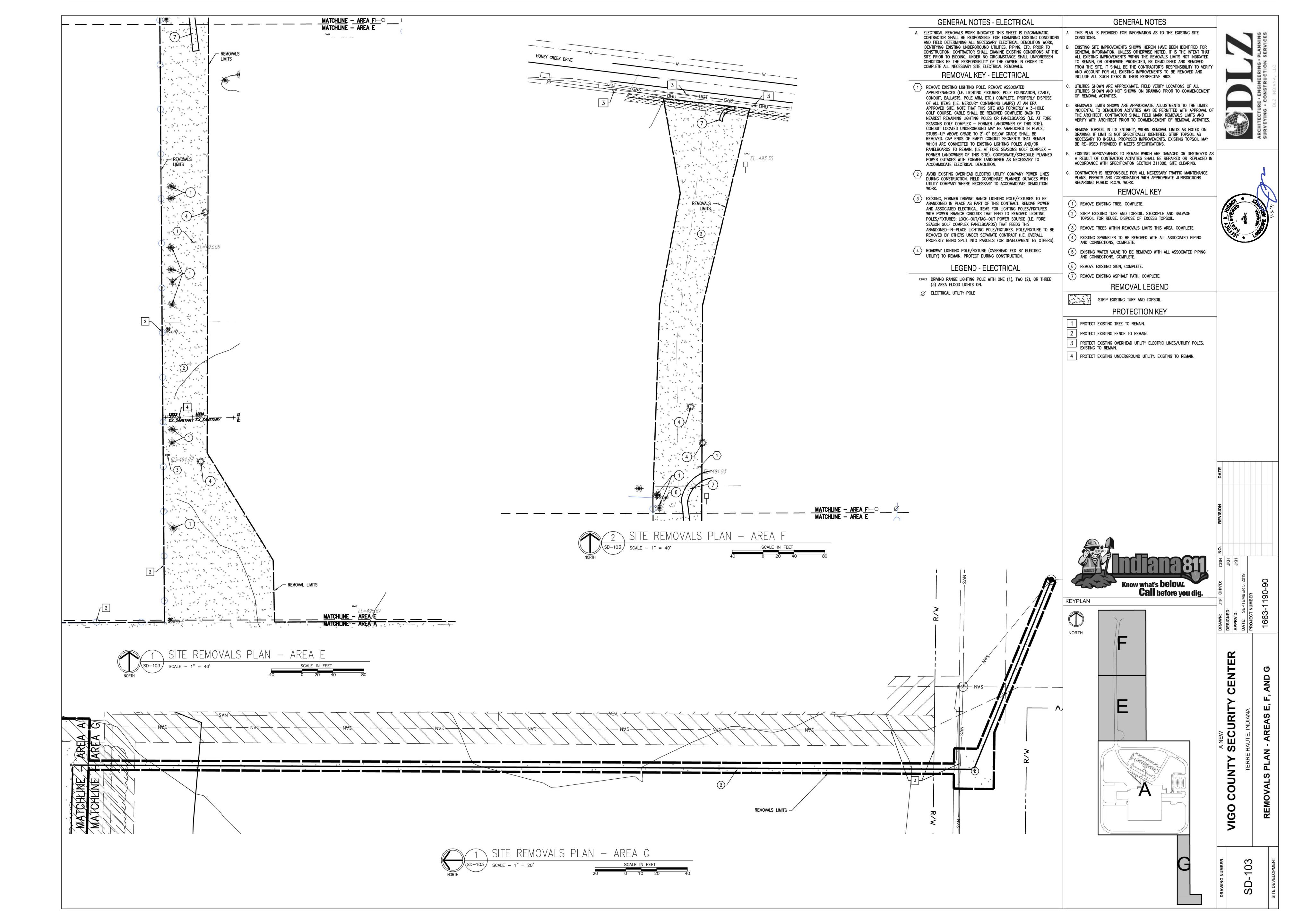
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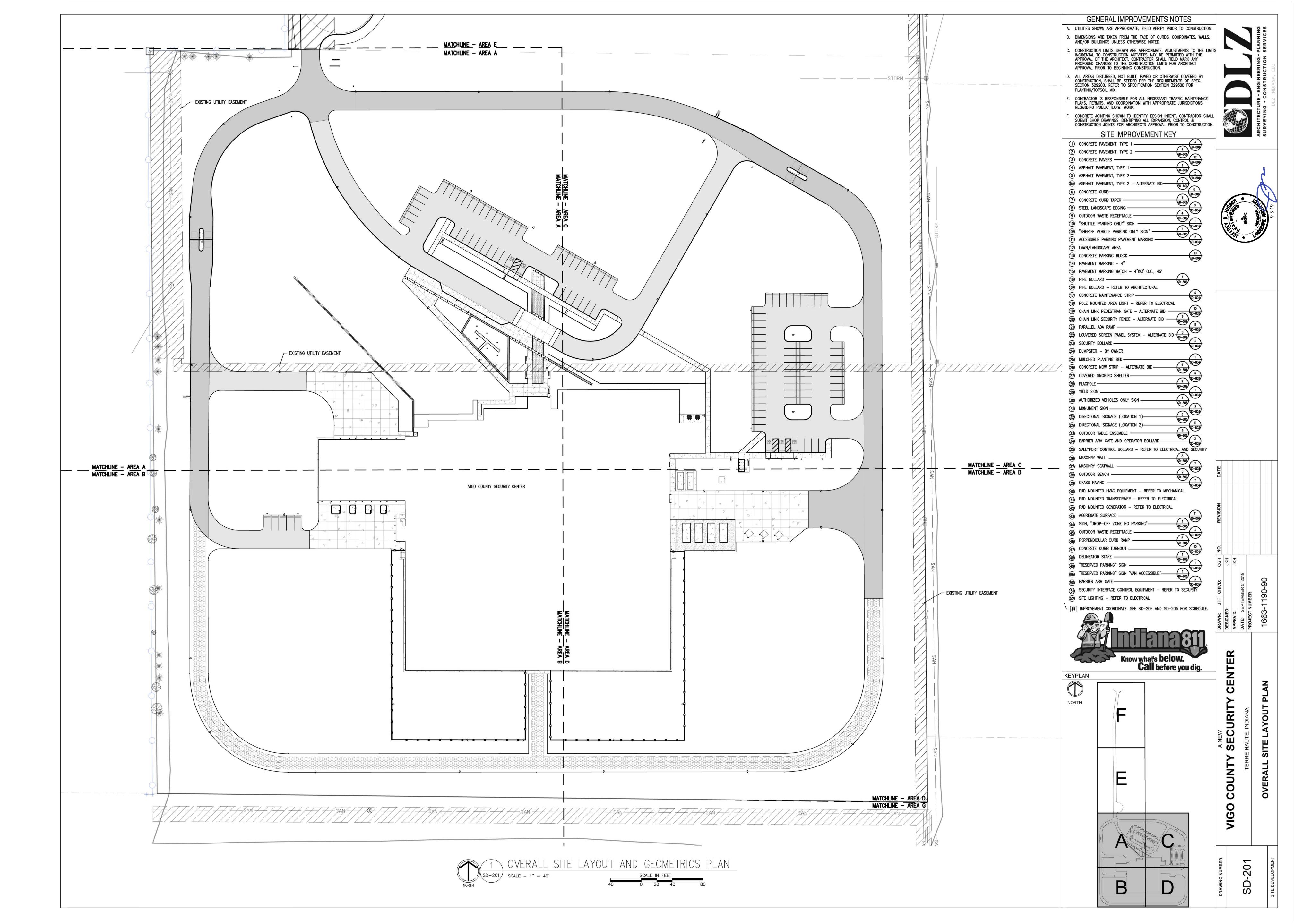
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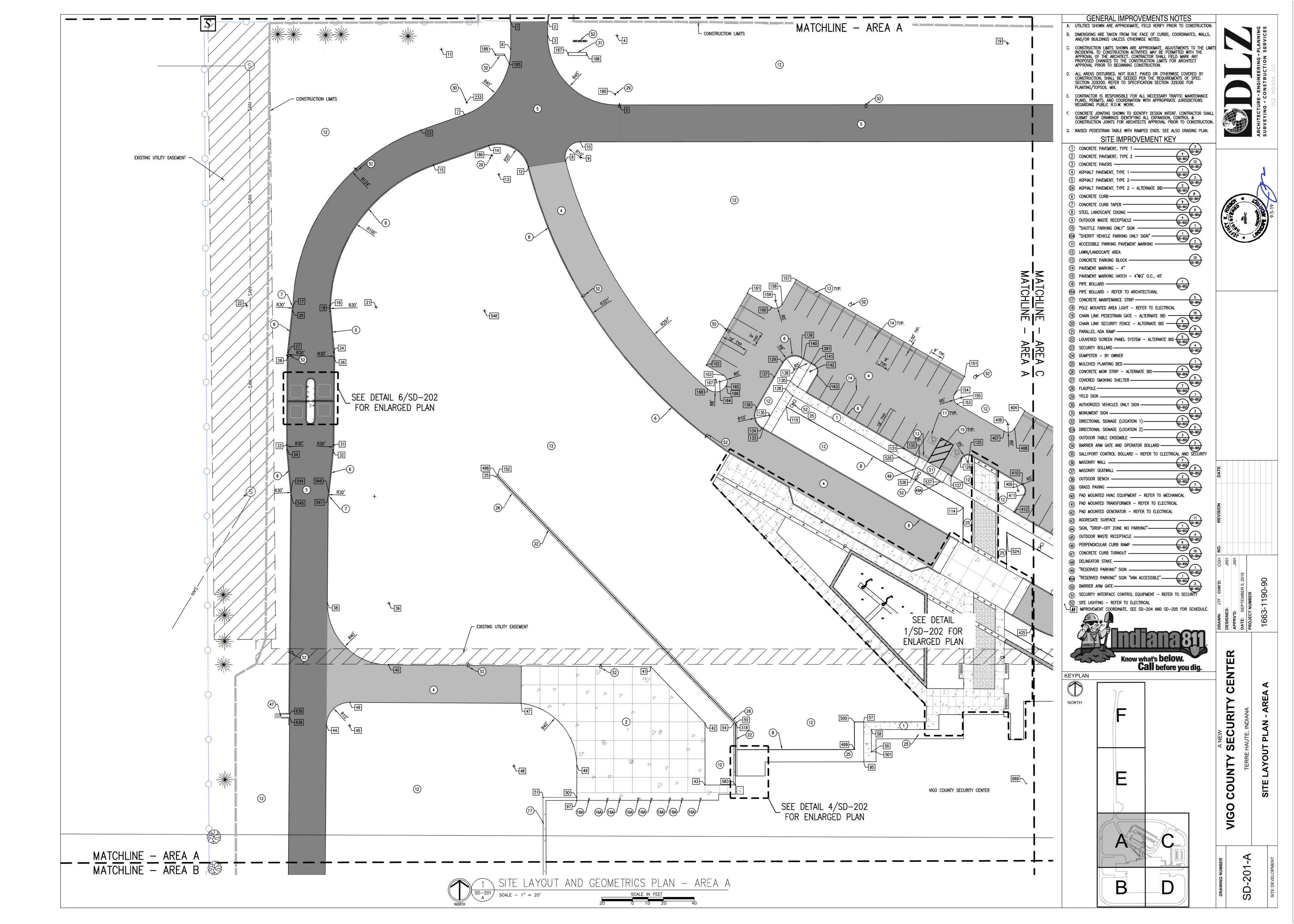


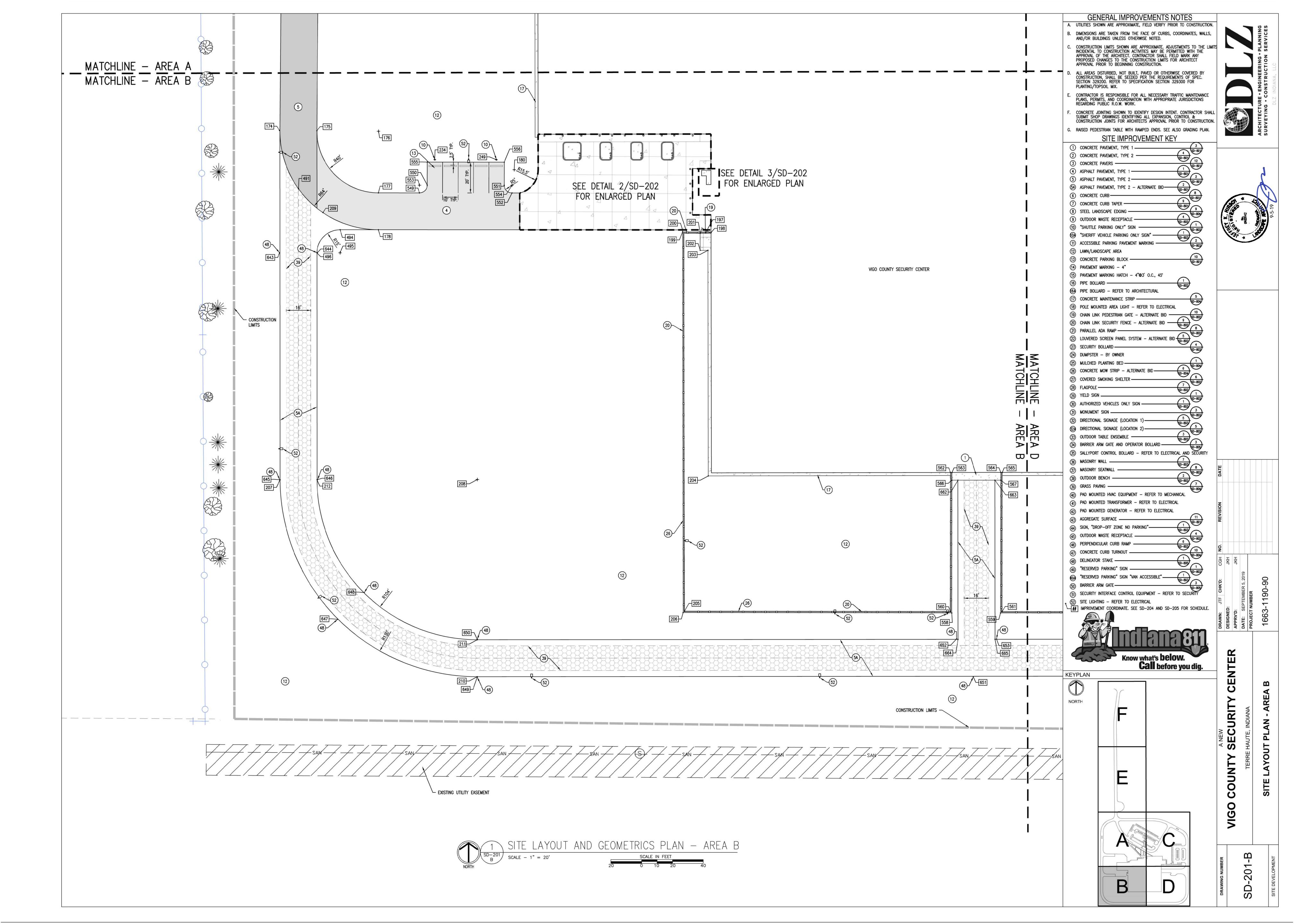


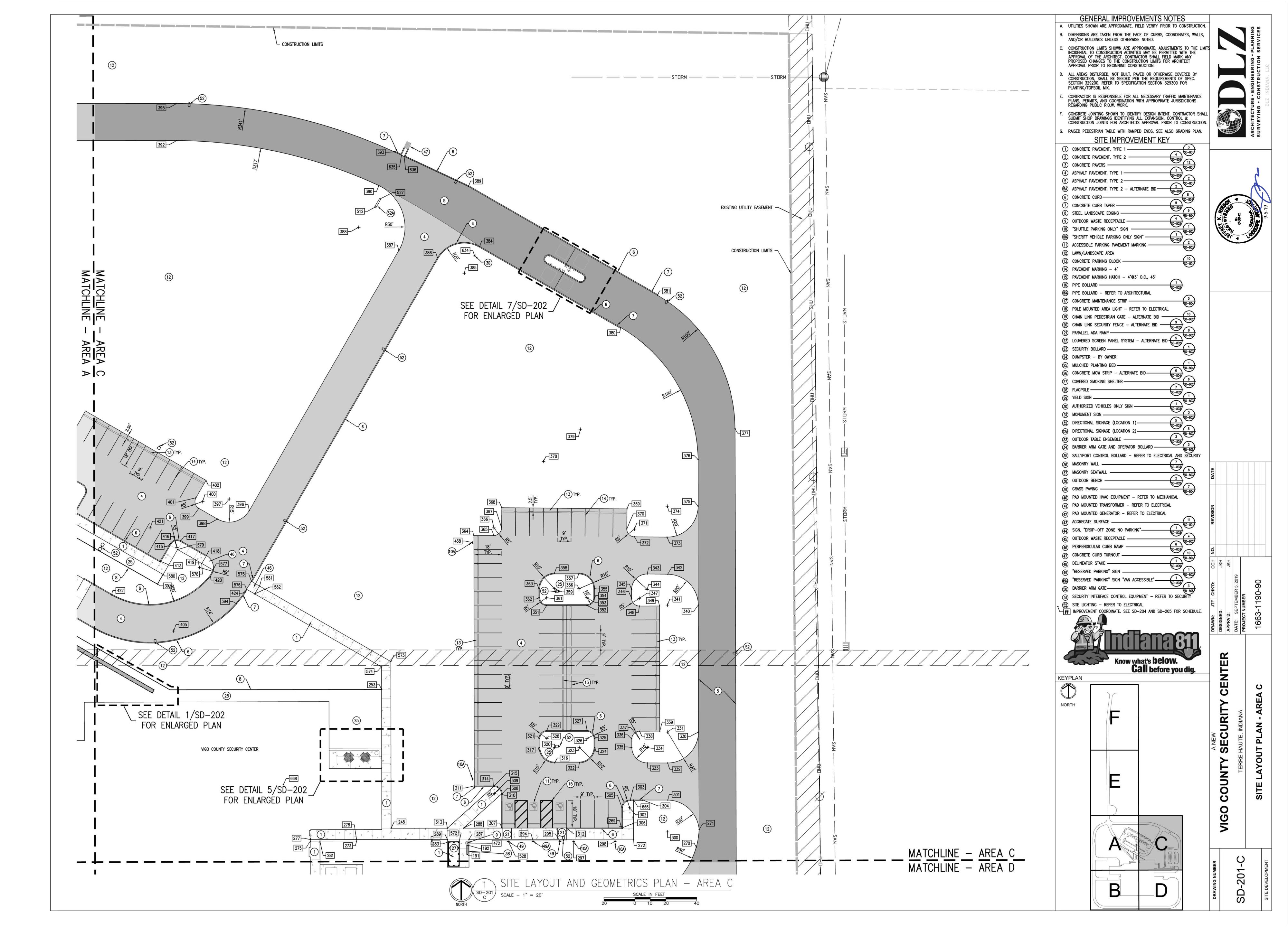


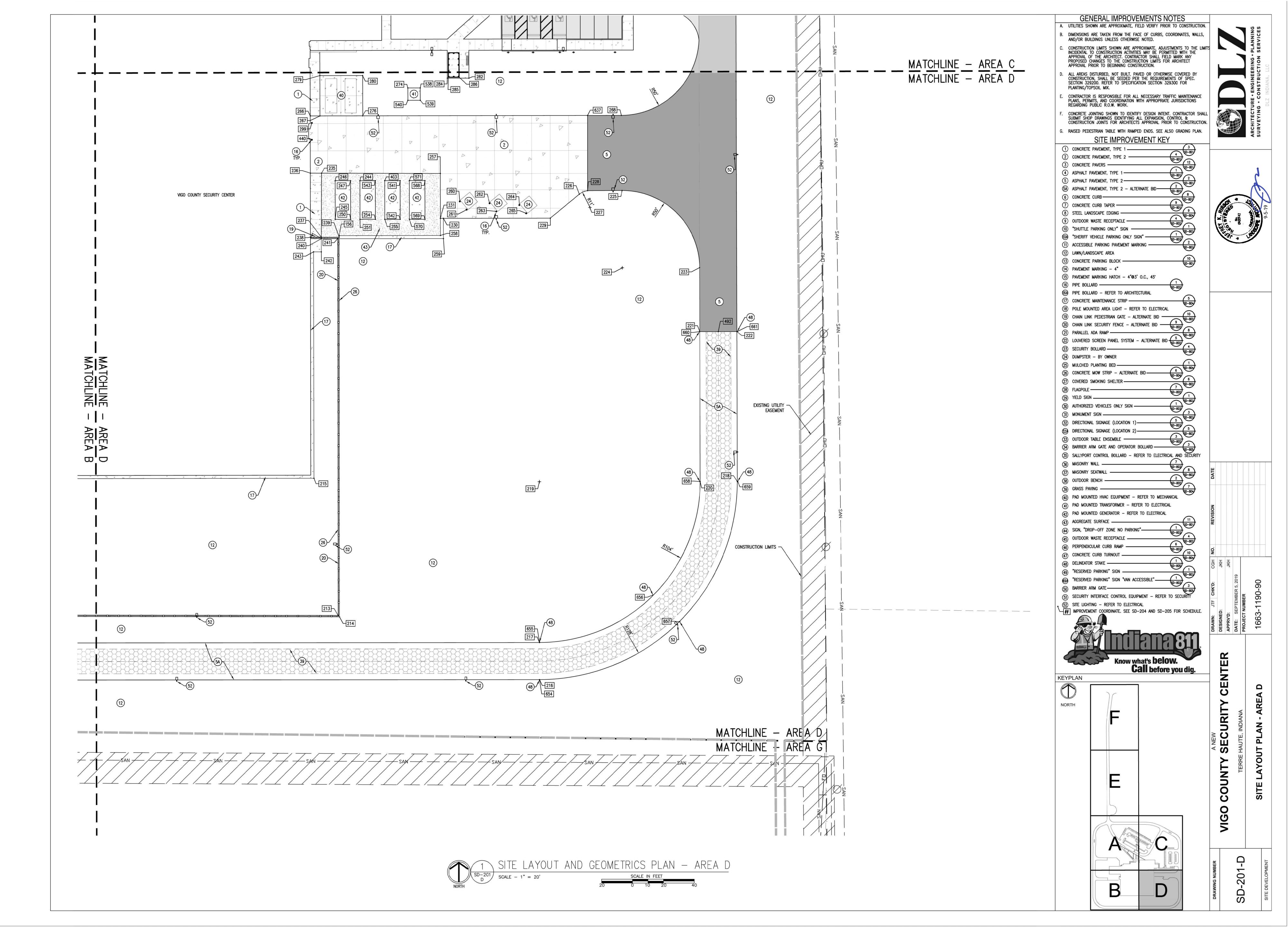


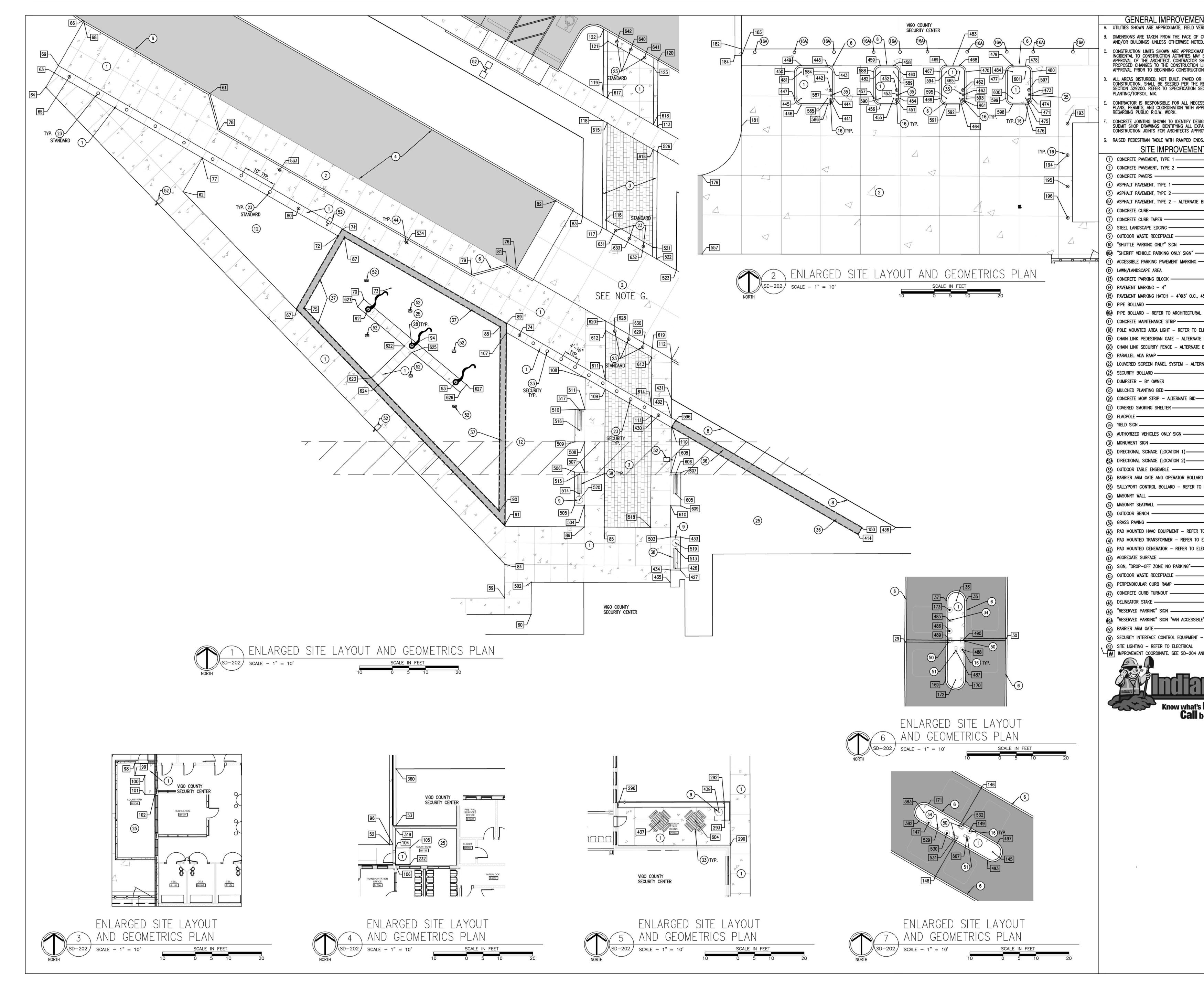




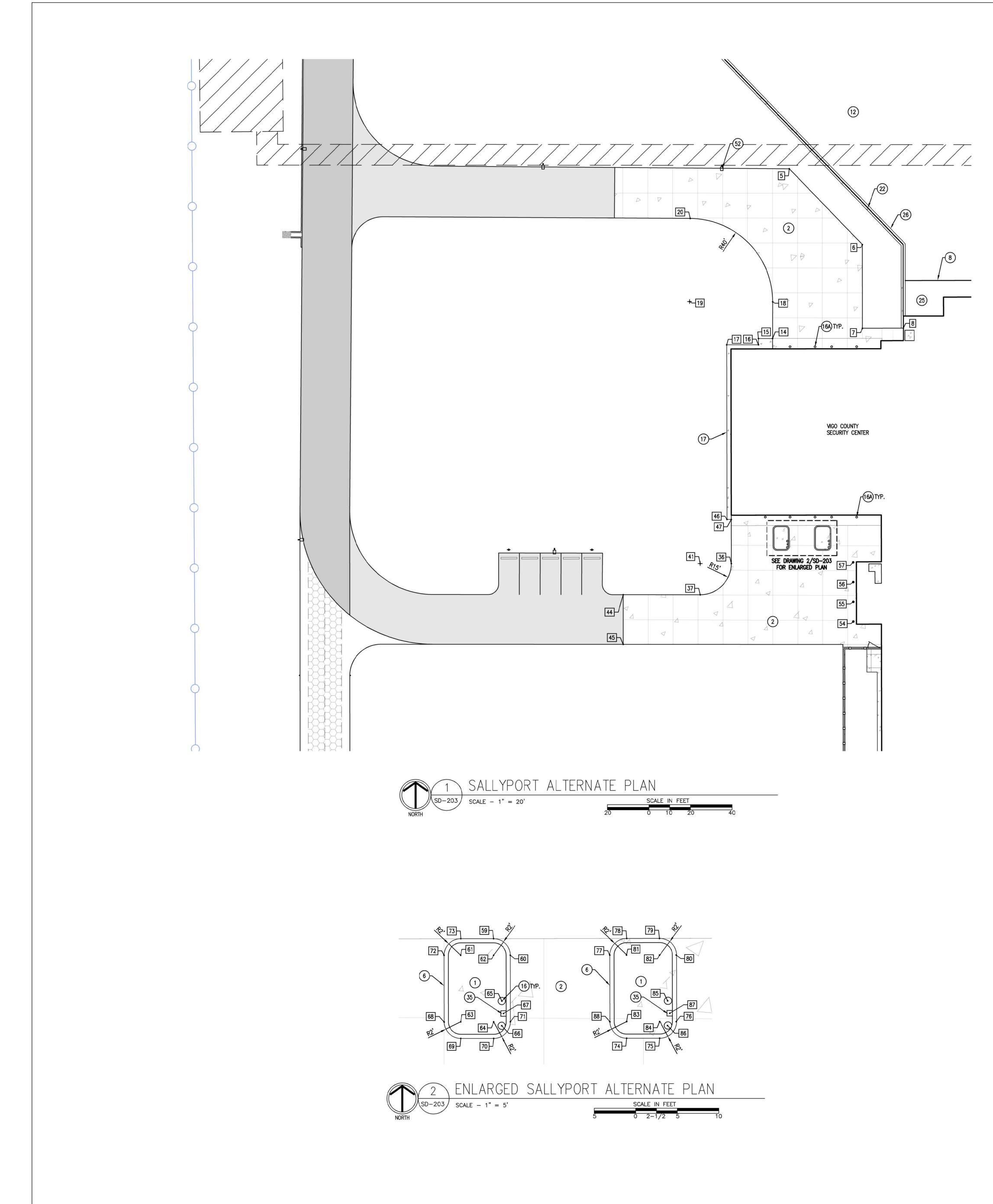






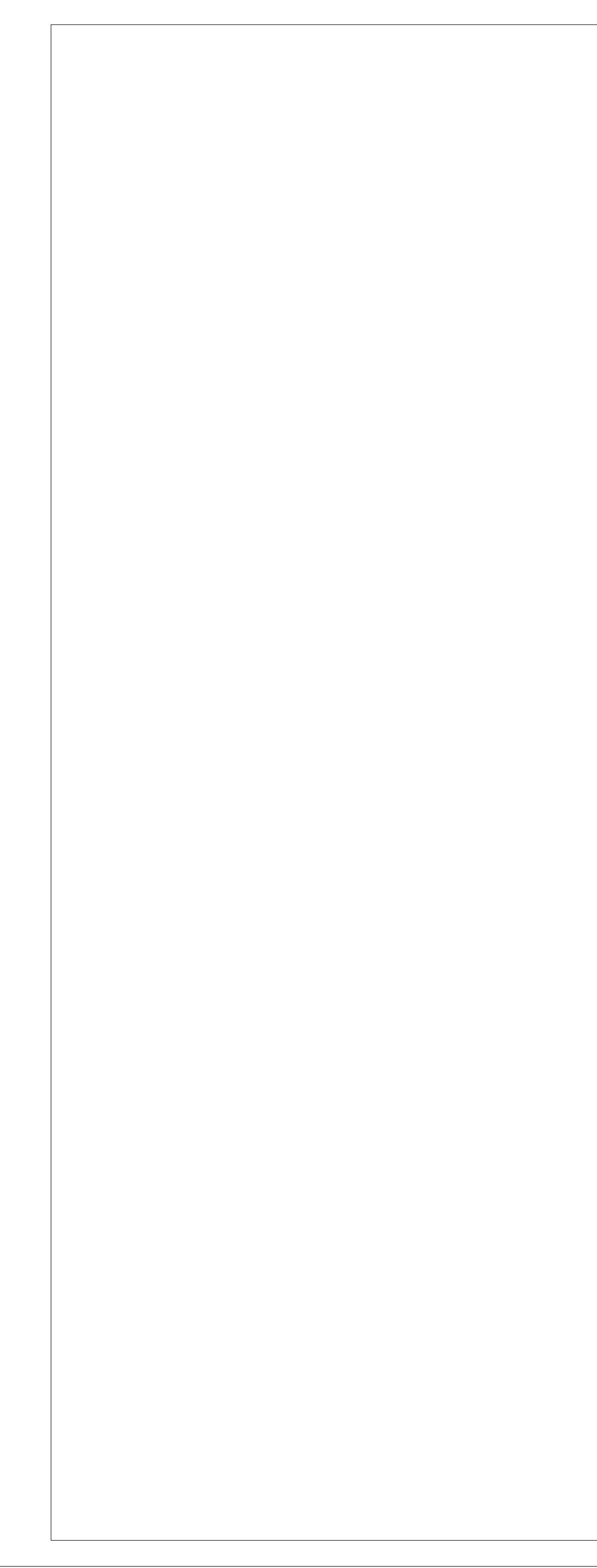


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TO MECHANICAL ELECTRICAL ECTRICAL	REVISION						
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ANSION, CONTROL & ROVAL PRIOR TO CONSTRUCTION. DS. SEE ALSO GRADING PLAN. MTKEY						ARCHITE	
REQUIREMENTS OF SPEC. ECTION 329300 FOR SSARY TRAFFIC MAINTENANCE PROPRIATE JURISDICTIONS IGN INTENT. CONTRACTOR SHALL						ARCHITECTURE • ENGINEERING • PLANNING SURVEYING • CONSTRUCTION SERVICES	DLZ INDIANA, LLC
ATE. ADJUSTMENTS TO THE LIMIT: BE PERMITTED WITH THE SHALL FIELD MARK ANY LIMITS FOR ARCHITECT DN. R OTHERWISE COVERED BY	8					IEERING • PLAN	
NTS NOTES TRIFY PRIOR TO CONSTRUCTION. CURBS, COORDINATES, WALLS, TD.						PLANNING SERVICES	



	IMPROVEN	IENT COORI ALTERN	DINATE SCHEDULE NATE
KEY	NORTHING	EASTING	DESCRIPTION
5	1522097.974	2855360.075	CORNER - CONCRETE 2
6	1522061.491	2855395.215	CORNER - CONCRETE 2
7	1522021.261	2855395.273	CORNER - CONCRETE 2
8	1522021.289	2855414.999	CORNER - CONCRETE 2
14	1522016.323	2855352.015	EDGE OF MAINTENANCE STRIP
15	1522016.312	2855345.248	CORNER - MAINTENANCE STRIP
16	1522013.312	2855345.248	CORNER - MAINTENANCE STRIP
17	1522013.288	2855329.996	CORNER - MAINTENANCE STRIP
18	1522033.986	2855352.075	END OF RADIUS - CONCRETE 2
19	1522034.095	2855312.074	CENTER OF RADIUS - CONCRETE 2
20	1522074.095	2855312.381	END OF RADIUS - CONCRETE 2
36	1521908.048	2855332.162	END OF RADIUS - CONCRETE 2
37	1521893.026	2855317.184	END OF RADIUS - CONCRETE 2
41	1521908.026	2855317.162	CENTER OF RADIUS - CONCRETE 2
44	1521893.068	2855280.157	CORNER - ASPHALT 2
45	1521869.184	2855280.147	CORNER - ASPHALT 2
46	1521929.288	2855330.118	Corner - Maintenance Strip
47	1521929.285	2855332.131	CORNER - MAINTENANCE STRIP
54	1521880.132	2855390.901	CENTER OF BOLLARD
55	1521889.632	2855390.878	CENTER OF BOLLARD
56	1521899.132	2855390.854	CENTER OF BOLLARD
57	1521908.632	2855390.830	CENTER OF BOLLARD
59	1521906.052	2855358.136	END OF RADIUS - CURB
60	1521920.352	2855360.139	END OF RADIUS - CURB
61	1521924.353	2855354.170	CENTER OF RADIUS - CURB
62	1521924.353	2855358.139	CENTER OF RADIUS - CURB
63	1521924.352	2855354.182	CENTER OF RADIUS - CURB
64	1521916.352	2855358.150	CENTER OF RADIUS - CURB
65	1521918.848	2855359.114	CENTER OF BOLLARD
66		2855359.098	
	1521915.878		CENTER OF BOLLARD
67	1521917.353	2855359.318	CENTER OF SALLYPORT CONTROL
68	1521916.327	2855352.182	END OF RADIUS - CURB
69	1521914.353	2855354.185	END OF RADIUS - CURB
70	1521914.352	2855358.153	END OF RADIUS - CURB
71	1521916.354	2855360.150	END OF RADIUS - CURB
72	1521924.350	2855352.170	END OF RADIUS - CURB
73	1521926.353	2855354.188	END OF RADIUS - CURB
74	1521914.378	2855374.138	END OF RADIUS - CURB
75	1521914.376	2855378.106	END OF RADIUS - CURB
76	1521916.379	2855380.103	END OF RADIUS - CURB
77	1521924.375	2855372.123	END OF RADIUS - CURB
78	1521926.377	2855374.141	END OF RADIUS - CURB
79	1521926.376	2855378.089	END OF RADIUS - CURB
80	1521924.379	2855380.092	END OF RADIUS - CURB
81	1521924.378	2855374.123	CENTER OF RADIUS - CURB
82	1521924.376	2855378.092	CENTER OF RADIUS - CURB
83	1521916.378	2855374.135	CENTER OF RADIUS - CURB
84	1521916.376	2855378.103	CENTER OF RADIUS - CURB
85	1521918.873	2855379.067	CENTER OF BOLLARD
86	1521915.903	2855379.051	CENTER OF BOLLARD
87	1521917.385	2855379.319	CENTER OF SALLYPORT CONTROL
88	1521916.352	2855372.134	END OF RADIUS - CURB

GENERAL IMPROVEMENTS NOTES A. UTILITIES SHOWN ARE APPROXIMATE, FIELD VERIFY PRIOR TO CONSTRUCTION. B. DIMENSIONS ARE TAKEN FROM THE FACE OF CURBS, COORDINATES, WALLS, AND/OR BUILDINGS UNLESS OTHERWISE NOTED. C. CONSTRUCTION LIMITS SHOWN ARE APPROXIMATE. ADJUSTMENTS TO THE LIMITS INCIDENTAL TO CONSTRUCTION ACTIVITIES MAY BE PERMITTED WITH THE APPROVAL OF THE ARCHITECT. CONTRACTOR SHALL FIELD MARK ANY PROPOSED CHANGES TO THE CONSTRUCTION LIMITS FOR ARCHITECT APPROVAL PRIOR TO BEGINNING CONSTRUCTION. D. ALL AREAS DISTURBED, NOT BUILT, PAVED OR OTHERWISE COVERED BY CONSTRUCTION, SHALL BE SEEDED PER THE REQUIREMENTS OF SPEC. SECTION 329200. REFER TO SPECIFICATION SECTION 329300 FOR PLANTING/TOPSOIL MIX. E. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY TRAFFIC MAINTENANCE PLANS, PERMITS, AND COORDINATION WITH APPROPRIATE JURISDICTIONS REGARDING PUBLIC R.O.W. WORK. F. CONCRETE JOINTING SHOWN TO IDENTIFY DESIGN INTENT. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS IDENTIFYING ALL EXPANSION, CONTROL & CONSTRUCTION. G. RAISED PEDESTRIAN TABLE WITH RAMPED ENDS. SEE ALSO GRADING PLAN. SITE IMPROVEMENT KEY 1	The second of th
2 CONCRETE PAVEMENT, TYPE 2 4 3 CONCRETE PAVERS 2 4 ASPHALT PAVEMENT, TYPE 1 9 5 ASPHALT PAVEMENT, TYPE 2 ALTERNATE BID 6 ASPHALT PAVEMENT, TYPE 2 ALTERNATE BID 6 ASPHALT PAVEMENT, TYPE 2 ALTERNATE BID 6 CONCRETE CURB 9 7 CONCRETE CURB TAPER 9 8 STEEL LANDSCAPE EDGING 1 9 OUTDOOR WASTE RECEPTACLE 9 9 OUTDOOR WASTE RECEPTACLE 9 9 SHERIFF VEHICLE PARKING ONLY SIGN 1 10 ACCESSIBLE PARKING PAVEMENT MARKING 9 11 ACCESSIBLE PARKING PAVEMENT MARKING 9 12 LAWN/LANDSCAPE AREA 10 13 CONCRETE MAKING HATCH - 4*03' O.C., 45' 1 16 PAVEMENT MARKING HATCH - 4*03' O.C., 45' 1 16 PAVEMENT MARKING ATE - ALTERNATE BID 9 16 PAVEMENT MARKING C STRIP 5 17 DARABEL ADA RAMP 9 9 18 POLE MOUNTED AREA LIGHT - REFER TO ELECT	61-5-6
(4) AGGREGATE SUNTACE (4) SIGN, "DROP-OFF ZONE NO PARKING" (4) SIGN, "DROP-OFF ZONE NO PARKING" (4) OUTDOOR WASTE RECEPTACLE (4) PERPENDICULAR CURB RAMP	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$
<image/>	A NEW VIGO COUNTY SECURITY CENTER TERRE HAUTE, INDIANA SALLY PORT - ALTERNATE LAYOUT PLAN
	BRAWING NUMBER SD-203 SITE DEVELOPMENT

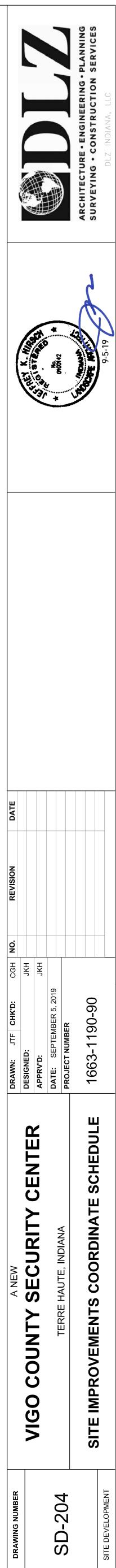


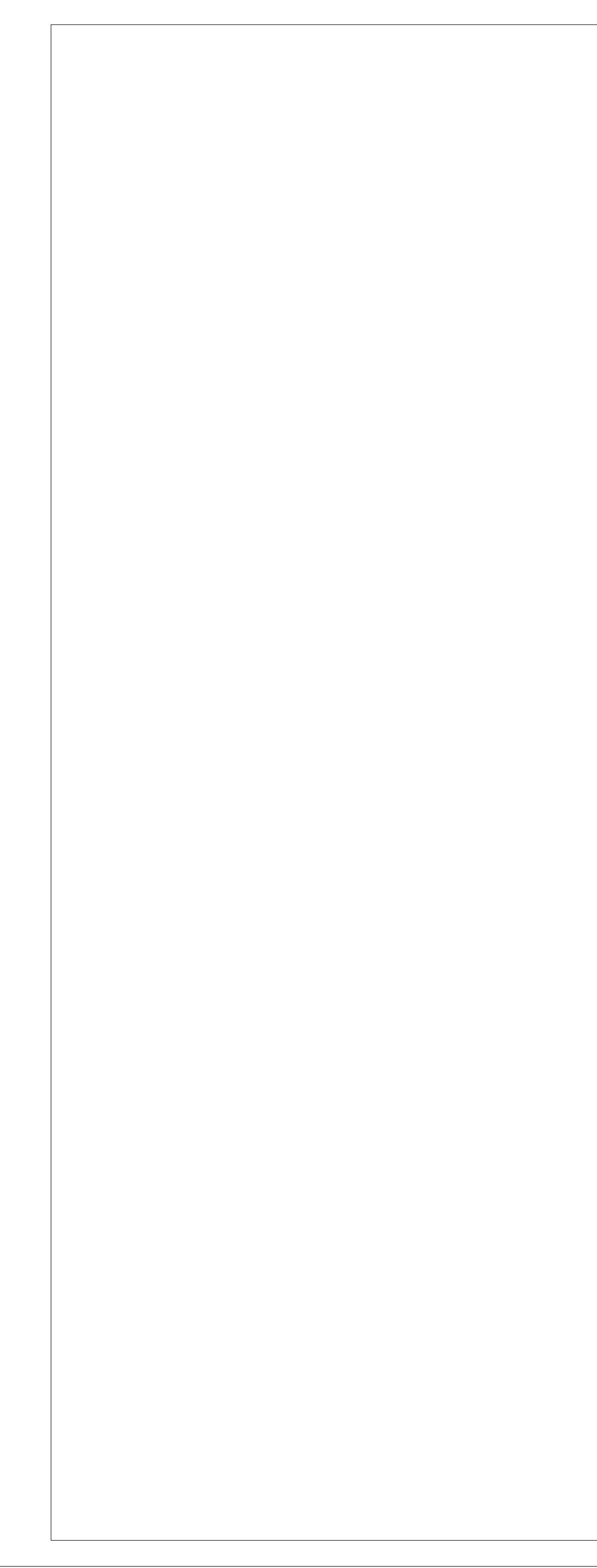
	IMPROVEN	IENT COORI	DINATE SCHEDULE
KEY	NORTHING	EASTING	DESCRIPTION
1	1522516.689	2855269.116	CORNER – ASPHALT 2
2	1522516.928	2855293.115	CORNER – ASPHALT 2
3	1522507.818	2855293.116	END OF RADIUS – ASPHALT 2
4	1522507.817	2855338.116	CENTER OF RADIUS – ASPHALT
5	1522462.819	2855339.681	END OF RADIUS – ASPHALT 2
	1522498.907	2855269.116	END OF RADIUS – ASPHALT 2
7	1522456.453	2855239.037	END OF RADIUS - ASPHALT
8	1522426.225	2855304.656	END OF RADIUS – ASPHALT 2
9	1522428.799	2855314.319	CENTER OF RADIUS – ASPHALT
10	1522438.799	2855314.312	END OF RADIUS - ASPHALT 2
11	1522498.907	2855224.116	CENTER OF RADIUS – ASPHALT
12	1522422.663	2855280.780	END OF RADIUS – ASPHALT 2
13	1522417.678	2855261.411	CENTER OF RADIUS – ASPHALT
14	1522436.547	2855254.780	END OF RADIUS – ASPHALT 2
15	1522423.915	2855218.838	END OF RADIUS - ASPHALT 2
16	1522332.451	2855151.747 2855127.722	END OF RADIUS – ASPHALT 2 END OF RADIUS – ASPHALT 2/END OF
18	1522328.707	2855151.858	CURB END OF RADIUS – ASPHALT 2
19	1522502.697	2855591.764	CENTER OF RADIUS – ASPHALT
20		2855127.556	END OF RADIUS – ASPHALT 2
21	1522331.464	2855181.731	CENTER OF RADIUS – ASPHALT 2
22	1522332.456	2855097.729	END OF RADIUS – ASPHALT 2
23	1522446.557	2855210.880	END OF RADIUS – ASPHALT 2
24	1522301.878	2855154.334	END OF RADIUS - ASPHALT 2
25	1522221.465	2855259.428	CONRER – MOW STRIP – ALT
26	1522298.892	2855154.460	END OF RADIUS – ASPHALT 2
27	1522302.105	2855124.633	END OF RADIUS – ASPHALT 2
28	1522299.121	2855124.461	END OF RADIUS – ASPHALT 2
29	1522269.990	2855124.003	END OF SECURITY GATE SYSTEM
30	1522271.030	2855154.443	END OF SECURITY GATE SYSTEM
31	1522241.872	2855153.984	END OF RADIUS - ASPHALT 2
32	1522238.888	2855153.810	END OF RADIUS – ASPHALT 2
33	1522242.129	2855123.985	END OF RADIUS – ASPHALT 2
34	1522239.143	2855124.109	END OF RADIUS – ASPHALT 2
35	1522282.485	2855142.320	END OF RADIUS - CURB
36	1522282.510	2855139.320	CENTER OF RADIUS - CURB
37	1522282.535	2855136.320	END OF RADIUS - CURB
38	1522139.603	2855150.032	END OF RADIUS – ASPHALT 2
39	1522139.297	2855190.106	CENTER OF RADIUS – ASPHALT 2
40	1522099.298	2855189.801	END OF RADIUS – ASPHALT 2
41	1522097.996	2855360.076	CORNER – CONCRETE 2
42	1522061.513	2855395.215	CORNER – CONCRETE 2
43	1522021.283	2855395.274	CORNER – CONCRETE
44	1522060.053	2855149.499	END OF RADIUS – ASPHALT 2
45	1522059.939	2855164.499	CENTER OF RADIUS - ASPHALT 2
46	1522074.938	2855164.614	END OF RADIUS – ASPHALT 2
47	1522074.313	2855275.890	END OF RADIUS – CONCRETE 2
48	1522033.698	2855271.191	CENTER OF RADIUS - CONCRETE 2
49	1522033.951	2855312.076	END OF RADIUS - CONCRETE 2
50	1522013.204	2855312.027	CORNER - CONCRETE MOW STRIP
51	1522013.256	2855290.010	CORNER - CONCRETE MOW STRIP
54	1522061.114	2855413.877	CORNER - MOW STRIP - ALT
55	1522061.921	2855415.876	CORNER – MOW STRIP – ALT
56	1522042.856	2855503.218	CORNER – CONCRETE 1
57	1522062.227	2855498.184	CORNER – CONCRETE 1
58	1522057.230	2855503.196	CORNER – CONCRETE 1
59	1522062.285	2855539.068	EDGE OF PAVEMENT – CONCRETE 1
60	1522057.302	2855547.034	EDGE OF PAVEMENT - CONCRETE 1
61	1522214.978	2855449.782	END OF BUS LANE
62	1522185.229	2855441.675	EDGE OF PAVEMENT - CONCRETE 1
63	1522221.218	2855402.615	EDGE OF CONCRETE
64	1522216.857	2855400.103	EDGE OF PAVEMENT - CONCRETE 1
65		2855407.253	CENTER OF END SECURITY BOLLARD -
66	1522237.123	2855411.245	STANDARD END OF RADIUS – ASPHALT
67	1522149.753	2855476.076	EDGE OF SEAT WALL
68	1522236.899	2855411.636	END OF CURB TAPER
69	1522223.409	2855403.873	EDGE OF CONCRETE
70	1522152.725	2855496.372	EDGE OF CONCRETE
71	1522173.830	2855489.898	EDGE OF SEAT WALL
72	1522171.868	2855488.579	EDGE OF CONCRETE
73		2855504.580	END, CONCRETE SIDEWALK
73	1522136.069	2855543.500	CENTER OF END SECURITY BOLLARD - SECURITY
75	1522150.008	2855478.144	EDGE OF SEATWALL
76	1522161.664	2855542.538	EDGE OF SPEED TABLE
77	1522195.432	2855447.532	EDGE OF PAVEMENT - CONCRETE 1
78	1522204.023	2855452.704	EDGE OF CURB - BUS LANE
79 80	1522160.210 1522180.182	2855529.022 2855476.633	EDGE OF CURB – BUS LANE CENTER OF END SECURITY BOLLARD – STANDARD
81	1522163.253	2855539.774	STANDARD EDGE OF CURB – BUS LANE
82	1522182.475	2855554.499	EDGE OF SPEED TABLE
83	1522177.794	2855562.644	END OF STEEL LANDSCAPE EDGING
84	1522072.507	2855539.140	EDGE OF PAVEMENT - CONCRETE 1
85	1522083.746	2855569.216	EDGE OF CONCRETE PAVERS
86	1522083.789	2855563.102	END, CONCRETE SIDEWALK
87	1522171.556	2855490.514	EDGE OF SEATWALL
88	1522144.404	2855537.809	EDGE OF SEATWALL EDGE OF SEATWALL
89	1522145.365	2855539.482	
90	1522088.468	2855537.418	EDGE OF SEATWALL
91	1522084.367	2855539.056	EDGE OF SEATWALL
92	1522149.654	2855497.719	CENTER OF FLAG POLE
93	1522127.607	2855524.217	CENTER OF FLAG POLE
94	1522138.632	2855510.965	CENTER OF FLAG POLE
95	1522036.348	2855498.227	CORNER – CONCRETE 1
97	1522011.287	2855312.024	EDGE OF PAVEMENT - CONCRETE 2
98	1521907.912	2855398.329	EDGE OF PAVEMENT - CONCRETE
	1521904.246	2855398.334	EDGE OF PAVEMENT - CONCRETE

KEY NORTHING EASTING DESCRIPTION 104 1522020.313 2855415.750 EDGE OF PAVEMENT - CONCRETE 105 1522020.319 2855415.757 EDGE OF PAVEMENT - CONCRETE 106 1522015.313 2855539.629 EDGE OF PAVEMENT - CONCRETE 107 1522142.560 2855539.629 EDGE OF SATWALL 108 1522125.408 2855589.738 END OF SEATWALL 110 1522113.986 2855589.738 EDGE OF CONCRETE PAVERS 111 1522117.403 2855583.452 EDGE OF PAVEMENT - CONCRETE 1 111 1522145.844 2855585.292 EDGE OF PAVEMENT - CONCRETE 1 113 1522204.873 2855582.690 CORNER - LANDSCAPE EDGING 114 1522174.555 2855568.630 EDGE OF PAVEMENT - CONCRETE 1 115 15222174.355 2855568.620 EDGE OF PAVEMENT - CONCRETE 1 116 1522174.555 2855568.620 EDGE OF PAVEMENT - CONCRETE 1 117 1522174.355 2855568.620 EDGE OF PAVEMENT - CONCRETE 1 118 152220.427 2855568.620<	
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121 1522230.827 2855570.244 EDGE OF CONCRETE PAVERS 122 1522234.434 2855569.040 END, CONCRETE SIDEWALK 123 1522222.803 2855569.040 EDGE OF CONCRETE PAVERS 125 1522230.989 2855566.004 CENTER OF RADIUS – CURB 126 1522233.483 2855551.670 END OF RADIUS – CURB 127 152222.215 2855555.187 END OF CURB TAPER 128 1522274.021 2855452.124 CORNER – CONCRETE SIDEWALK 129 1522295.724 2855455.366 CORNER – CONCRETE SIDEWALK 130 1522295.724 2855455.366 CORNER – CONCRETE SIDEWALK 131 1522239.850 2855534.375 END, CONCRETE RAMP 132 1522234.195 285543.033 END, CONCRETE SIDEWALK 133 1522252.874 285543.033 END, CONCRETE SIDEWALK 134 1522252.975 2855431.857 END OF RADIUS – CONCRETE 135 1522261.302 2855436.924 CENTER OF RADIUS – CONCRETE 136 1522266.255 2855428.528 END	
123 1522222.803 2855584.188 EDGE OF CONCRETE PAVERS 125 1522230.989 2855566.004 CENTER OF RADIUS – CURB 126 1522233.483 2855561.670 END OF RADIUS – CURB 127 1522222.215 2855555.187 END OF CURB TAPER 128 1522274.021 2855452.124 CORNER – CONCRETE SIDEWALK 129 1522295.724 2855455.366 CORNER – CONCRETE SIDEWALK 130 1522279.655 2855455.366 CORNER – CONCRETE SIDEWALK 131 1522239.850 2855534.375 END, CONCRETE RAMP 132 1522234.195 2855433.033 END, CURB 133 1522252.874 2855431.857 END, CONCRETE SIDEWALK 134 1522252.975 2855431.857 END OF RADIUS – CONCRETE 135 1522261.302 2855436.924 CENTER OF RADIUS – CONCRETE 136 1522266.255 2855428.528 END OF RADIUS – CONCRETE	
125 1522230.989 2855566.004 CENTER OF RADIUS – CURB 126 1522233.483 2855561.670 END OF RADIUS – CURB 127 1522222.215 2855555.187 END OF CURB TAPER 128 1522274.021 2855452.124 CORNER – CONCRETE SIDEWALK 129 1522295.724 2855455.366 CORNER – CONCRETE SIDEWALK 130 1522279.655 2855455.366 CORNER – CONCRETE SIDEWALK 131 1522239.850 2855524.540 END, CONCRETE SIDEWALK 132 1522234.195 2855433.033 END, CURB 133 1522252.874 2855431.857 END OF RADIUS – CONCRETE 134 1522252.975 2855436.924 CENTER OF RADIUS – CONCRETE 135 1522261.302 2855428.528 END OF RADIUS – CONCRETE 136 1522266.255 2855428.528 END OF RADIUS – CONCRETE	
127 1522222.215 2855555.187 END OF CURB TAPER 128 1522274.021 2855452.124 CORNER – CONCRETE SIDEWALK 129 1522295.724 2855445.485 END OF RADIUS, CURB 130 1522279.655 2855455.366 CORNER – CONCRETE SIDEWALK 131 1522239.850 2855524.540 END, CONCRETE RAMP 132 1522234.195 2855433.033 END, CURB 133 1522252.874 2855431.857 END, CONCRETE SIDEWALK 134 1522252.975 2855436.924 CENTER OF RADIUS – CONCRETE 135 1522261.302 2855436.924 CENTER OF RADIUS – CONCRETE 136 1522266.255 2855428.528 END OF RADIUS – CONCRETE	
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130 1522279.655 2855455.366 CORNER – CONCRETE SIDEWALK 131 1522239.850 2855524.540 END, CONCRETE RAMP 132 1522234.195 2855534.375 END, CURB 133 1522252.874 2855433.033 END, CONCRETE SIDEWALK 134 1522252.975 2855431.857 END OF RADIUS – CONCRETE 135 1522261.302 2855436.924 CENTER OF RADIUS – CONCRETE 136 1522266.255 2855428.528 END OF RADIUS – CONCRETE	
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133 1522252.874 2855433.033 END, CONCRETE SIDEWALK 134 1522252.975 2855431.857 END OF RADIUS - CONCRETE 135 1522261.302 2855436.924 CENTER OF RADIUS - CONCRETE 136 1522266.255 2855428.528 END OF RADIUS - CONCRETE	
135 1522261.302 2855436.924 CENTER OF RADIUS - CONCRETE 136 1522266.255 2855428.528 END OF RADIUS - CONCRETE	
136 1522266.255 2855428.528 END OF RADIUS - CONCRETE	
137 1522286.190 2855439.999 END OF RADIUS - CONCRETE 138 1522291.235 2855453.286 CENTER OF RADIUS - CONCRETE	
138 1522291.235 2855453.286 CENTER OF RADIUS - CONCRETE 139 1522299.036 2855457.775 END OF RADIUS, CURB	
140 1522298.248 2855459.143 END, CONCRETE SIDEWALK 141 1522294.193 2855466.191 END OF RADIUS - CONCRETE	
141 1522239.155 2655463.698 CENTER OF RADIUS - CONCRETE 142 1522289.859 2855463.698 CENTER OF RADIUS - CONCRETE	
143 1522287.365 2855468.031 END OF RADIUS - CONCRETE 145 1522350.203 2855923.238 END OF RADIUS - CONCRETE	
146 1522369.693 2855919.858 END OF SECURITY GATE	
147 1522359.052 2855903.859 CENTER OF BOLLARD 148 1522342.676 2855905.811 END OF SECURITY GATE	
149 1522356.520 2855916.250 CENTER OF BOLLARD 150 1522083.580 2855647.104 END OF SEATWALL	
151 1522286.523 2855563.731 CORNER – ASPHALT 1	
152 1522222.853 2855260.868 CONRER - MOW STRIP - ALT 153 1522268.427 2855559.088 END OF RADIUS - ASPHALT 1	
154 1522275.255 2855557.248 END OF RADIUS – ASPHALT 1	
155 1522272.761 2855561.581 CENTER OF RADIUS – ASPHALT 1 156 1521866.942 2855766.905 EDGE OF CONCRETE MOW STRIP	
157 1522349.365 2855454.521 CORNER – ASPHALT 1 158 1522333.327 2855445.293 END OF RADIUS – ASPHALT 1	
159 1522335.821 2855440.959 CENTER OF RADIUS – ASPHALT 1	
160 1522331.487 2855438.465 END OF RADIUS – ASPHALT 1 161 1522340.504 2855422.795 CORNER – ASPHALT 1	
162 1522293.844 2855395.946 CORNER – ASPHALT 1 163 1522287.351 2855407.229 END OF RADIUS – ASPHALT 1	
164 1522283.018 2855404.735 CENTER OF RADIUS – ASPHALT 1	
165 1522280.522 2855409.067 END OF RADIUS - ASPHALT 1 166 1522280.481 2855409.044 END OF RADIUS - ASPHALT 1	
167 1522284.475 2855402.112 CENTER OF RADIUS – ASPHALT 1	
168 1522278.436 2855396.864 END OF RADIUS - ASPHALT 1 169 1522258.536 2855136.120 END OF RADIUS - CURB	
170 1522258.486 2855142.120 END OF RADIUS - CURB 171 1522364.773 2855903.932 CENTER OF RADIUS - ASPHALT	
172 1522258.511 2855139.120 CENTER OF RADIUS – CURB	
173 1522279.737 2855137.297 CENTER OF BOLLARD 174 1521933.677 2855124.302 END OF RADIUS – ASPHALT 2	
175 1521933.494 2855148.532 END OF RADIUS – ASPHALT 2 176 1521933.189 2855188.531 CENTER OF RADIUS – ASPHALT 2	
177 1521893.189 2855188.441 END OF RADIUS – ASPHALT 2	
178 1521869.242 2855188.388 END OF RADIUS - ASPHALT 2 179 1521893.091 2855280.157 END OF RADIUS - CONCRETE 2	
180 1521908.200 2855276.654 CENTER OF RADIUS - CONCRETE 2 181 1521908.012 2855292.162 END. OF. PADIUS - CONCRETE 2	
181 1521908.012 2855292.162 END OF RADIUS - CONCRETE 2 182 1521931.259 2855292.128 EDGE OF PAVEMENT - CONCRETE 2	
183 1521929.259 2855292.132 EDGE OF CONCRETE MOW STRIP 184 1521929.256 2855290.132 EDGE OF CONCRETE MOW STRIP	
185 1522495.337 2855265.116 CENTER – END OF SIGN	
186 1522495.337 2855259.116 CENTER - END OF SIGN 187 1522495.837 2855306.414 CENTER - END OF SIGN	
188 1522495.837 2855318.414 CENTER - END OF SIGN 189 1522430.090 2855256.916 CENTER OF SIGN	
189 1522430.090 2855256.916 CENTER OF SIGN 190 1522469.712 2855336.920 CENTER OF SIGN	
191 1521977.153 2855849.820 CENTER - END OF BENCH 192 1521983.131 2855849.863 CENTER - END OF BENCH	
193 1521908.654 2855390.831 CENTER OF BOLLARD	
194 1521899.154 2855390.854 CENTER OF BOLLARD 195 1521889.654 2855390.878 CENTER OF BOLLARD	
196 1521880.154 2855390.901 CENTER OF BOLLARD 197 1521867.359 2855400.921 CENTER - PEDESTRIAN CATE	
197 1521867.359 2855400.921 CENTER - PEDESTRIAN GATE 198 1521867.359 2855404.387 END - SECURITY FENCE	
199 1521867.859 2855385.901 CORNER - CONCRETE 200 1521869.166 2855385.901 CORNER - CONCRETE	
201 1521866.859 2855397.400 CORNER – CONCRETE STOOP	
202 1521855.915 2855397.401 CORNER - CONCRETE STOOP 203 1521855.915 2855402.401 CORNER - CONCRETE MOW STRIP	
204 1521709.418 2855402.616 CORNER – CONCRETE MOW STRIP	

	IMPROVEM	ENT COORE	INATE SCHEDULE
KEY	NORTHING	EASTING	DESCRIPTION
205 206	1521621.703 1521620.704	2855387.227 2855386.228	CORNER – CONCRETE MOW STRIP ALT CORNER – CONCRETE MOW STRIP ALT
207	1521706.912	2855124.630	CENTER – DELINEATOR STAKE
208 209	1521707.098 1521880.388	2855252.671 2855152.420	CENTER OF RADIUS - FIRE LANE END OF RADIUS - CONCRETE
210	1521579.056	2855252.574	CENTER – DELINEATOR STAKE
211 212	1521603.056 1521706.947	2855252.592	CENTER – DELINEATOR STAKE CENTER – DELINEATOR STAKE
213	1521621.201	2855766.228	CORNER - CONCRETE MOW STRIP ALT
214 215	1521620.200	2855767.230 2855750.615	CORNER – CONCRETE MOW STRIP ALT CORNER – CONCRETE MOW STRIP
216	1521579.618	2855896.614	CENTER – DELINEATER STAKE
217 218	1521603.618 1521707.844	2855896.595 2856024.556	CENTER – DELINEATER STAKE CENTER – DELINEATOR STAKE
219	1521707.658	2855896.515	CENTER OF RADIUS – FIRE LANE
220 221	1521707.794	2856000.556	CENTER – DELINEATOR STAKE CORNER – ASPHALT/ASPHALT ALT.
222	1521804.820	2856024.282	CORNER – ASPHALT/ASPHALT ALT.
223	1521846.268	2856000.164	END OF RADIUS - ASPHALT
224 225	1521846.127 1521896.127	2855950.164 2855950.025	CENTER OF RADIUS – ASPHALT END OF RADIUS – ASPHALT
226	1521893.761	2855922.373	END OF RADIUS - CONCRETE 2
227 228	1521885.157 1521896.048	2855929.237 2855927.645	CENTER OF RADIUS – CONCRETE 2 END OF RADIUS – CONCRETE 2
229	1521878.217	2855903.558	CORNER - CONCRETE 2
230 231	1521878.118 1521878.115	2855834.422 2855832.422	CORNER – CONCRETE MOW STRIP CORNER – CONCRETE 2
232	1522015.319	2855420.174	EDGE OF PAVEMENT - CONCRETE
233 234	1522464.423 1521914.722	2855240.555 2855225.026	CENTER OF SIGN CENTER OF SIGN
235	1521907.336	2855755.563	CORNER – SIDEWALK
236 237	1521907.358 1521865.926	2855748.388 2855755.436	CORNER – SIDEWALK CORNER – SIDEWALK
238	1521865.918	2855748.384	CORNER – CONCRETE MOW STRIP ALT
239 240	1521865.942 1521864.926	2855766.906 2855755.436	CORNER - CONCRETE MOW STRIP ALT EDGE OF CONCRETE STOOP
241	1521864.941	2855765.907	CORNER - CONCRETE MOW STRIP ALT
242 243	1521856.427	2855755.437 2855750.401	CORNER - CONCRETE STOOP CORNER - CONCRETE MOW STRIP
244	1521902.479	2855780.389	CORNER – CONCRETE UTILITY PAD
245 246	1521877.458 1521902.458	2855764.422 2855764.389	CORNER – CONCRETE UTILITY PAD CORNER – CONCRETE UTILITY PAD
247	1521902.471	2855774.389	CORNER - CONCRETE UTILITY PAD
248 249	1521994.040 1521914.679	2855800.466	CORNER – CONCRETE 1 CENTER OF SIGN
250	1521877.471	2855774.422	CORNER - CONCRETE UTILITY PAD
251 253	1521877.479 1522083.854	2855780.422 2855794.336	CORNER – CONCRETE UTILITY PAD END – LANDSCAPE EDGING
254	1521877.492	2855790.422	CORNER - CONCRETE UTILITY PAD
255 257	1521877.500 1521907.161	2855796.422 2855832.383	CORNER – CONCRETE UTILITY PAD
258	1521867.029	2855832.436	CORNER - CONCRETE MOW STRIP
259 260	1521865.031 1521889.054	2855834.439 2855845.038	CORNER - CONCRETE MOW STRIP
261	1521883.748	2855849.421	CENTER OF BOLLARD
262 263	1521887.869 1521882.563	2855864.300 2855868.683	CENTER OF BOLLARD CENTER OF BOLLARD
264	1521886.684	2855883.562	CENTER OF BOLLARD
265 266	1521881.378 1521944.387	2855887.945 2855748.346	CENTER OF BOLLARD CORNER – CONCRETE 2
267	1521944.397	2855754.561	CORNER – CONCRETE 1
268 269	1521944.724 1521995.323	2855949.506	END OF RADIUS - ASPHALT END OF RADIUS - ASPHALT
270	1521981.821	2855997.955	END OF RADIUS - ASPHALT
271 272	1521993.285 1521987.002	2855999.749 2855957.350	END OF RADIUS - ASPHALT 1 CORNER - CONCRETE 1
273	1521985.743	2855778.218	CORNER – WALL
274 275	1521962.492 1521985.700	2855811.429 2855748.298	CORNER – CONCRETE UTILITY PAD CORNER – WALL
276	1521944.443	2855782.140	CORNER – CONCRETE 1
277 278	1521986.700 1521986.743	2855748.297 2855778.216	CORNER – WALL CORNER – WALL
279	1521970.497	2855754.502	CORNER - CONCRETE 1
280 281	1521970.536 1521985.709	2855782.096 2855754.467	CORNER – CONCRETE 1 EDGE OF PAVEMENT – CONCRETE 1
282	1521968.828	2855850.879	CORNER – CONCRETE 1
283 284	1521985.245 1521968.828	2855837.564 2855836.879	CORNER – SMOKING SHELTER CORNER – CONCRETE 1
285	1521969.495	2855837.564	CORNER - SMOKING SHELTER
286 287	1521969.495 1521986.845	2855844.564 2855850.853	CORNER – SMOKING SHELTER CORNER – CONCRETE 1
288	1521994.108	2855847.335	CORNER - CONCRETE 1
289 291	1521986.828 1522295.256	2855836.853 2855464.343	CORNER – CONCRETE 1 END, CONCRETE SIDEWALK
294	1521985.508	2855892.381	CENTER OF SIGN
295 297	1521985.548 1521985.548	2855909.714 2855918.576	CENTER OF SIGN CENTER OF SIGN
298	1521985.595	2855945.431	CENTER OF SIGN
299 300	1521939.867 1521991.678	2855749.283 2855979.190	CENTER OF BOLLARD CENTER OF RADIUS - ASPHALT
301	1522012.299	2855979.409	END OF RADIUS – ASPHALT 1
302 303	1522007.328 1522012.327	2855954.812 2855955.303	CENTER OF RADIUS - CURB END OF RADIUS - CURB
304	1522012.318	2855963.327	END OF CURB TAPER
305 306	1522007.316 1521994.256	2855949.812 2855949.843	END OF RADIUS - CURB CORNER - CURB
307	1521994.144	2855872.343	END OF CURB TAPER
308 309	1522016.461 1522016.456	2855872.313 2855867.313	END OF RADIUS – CURB CENTER OF RADIUS – CURB

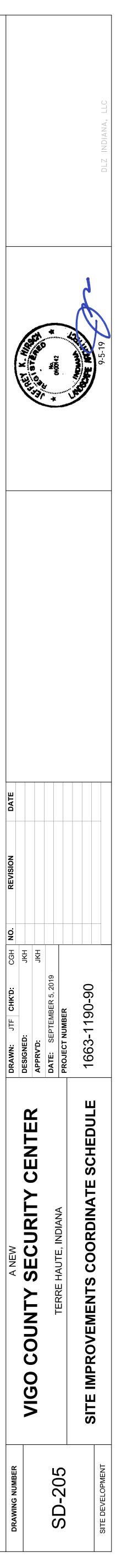
EY	NORTHING	EASTING	DESCRIPTION
10	1522016.095	2855871.813	EDGE OF PAVEMENT - CONCRETE 1
311 512	1522021.437 1521994.204	2855854.304 2855914.163	END OF CURB TAPER END – CURB
512 513	1521994.204	2855914.163 2855836.843	CORNER – CONCRETE 1
314	1522020.955	2855866.748	EDGE OF PAVEMENT - CONCRETE 1
315 316	1522021.456 1522036.377	2855867.306 2855906.293	EDGE OF CONCRETE CURB END OF RADIUS - CURB
317	1522046.363	2855896.279	END OF RADIUS - CURB
318	1522061.517	2855414.877	CORNER - SCREEN ALT
320 321	1522046.377	2855906.279 2855896.270	CENTER OF RADIUS – CURB END OF RADIUS – CURB
322	1522032.214	2855922.293	END OF RADIUS - CURB
323	1522046.400	2855922.279	CENTER OF RADIUS - CURB
324 325	1522046.414	2855932.279 2855932.270	END OF RADIUS - CURB END OF RADIUS - CURB
326	1522052.265	2855932.270	CENTER OF RADIUS - CURB
327	1522057.258	2855927.263	END OF RADIUS - CURB
328 329	1522052.221 1522057.221	2855901.270 2855901.263	CENTER OF RADIUS - CURB END OF RADIUS - CURB
330	1522056.328	2855999.344	END OF RADIUS - ASPHALT 1
331	1522056.299	2855979.344	CENTER OF RADIUS - ASPHALT 1
332 333	1522036.299 1522036.314	2855979.321 2855966.257	END OF RADIUS – ASPHALT 1 END OF RADIUS – ASPHALT 1
334	1522046.280	2855966.269	CENTER OF RADIUS - ASPHALT 1
335	1522046.300	2855956.269	END OF RADIUS - ASPHALT 1
336 337	1522051.855 1522051.862	2855956.261 2855961.261	END OF RADIUS – ASPHALT 1 CENTER OF RADIUS – ASPHALT 1
338	1522056.862	2855961.255	END OF RADIUS - ASPHALT 1
339	1522056.877	2855974.254	CORNER - ASPHALT
340 341	1522138.470 1522138.440	2855999.223 2855979.223	END OF RADIUS - ASPHALT 1 CENTER OF RADIUS - ASPHALT 1
342	1522158.439	2855979.423	END OF RADIUS - ASPHALT 1
343	1522158.571	2855966.224	END OF RADIUS - ASPHALT 1
344 345	1522148.571 1522148.557	2855966.124 2855956.124	CENTER OF RADIUS – ASPHALT 1 END OF RADIUS – ASPHALT 1
346	1522142.855	2855956.132	END OF RADIUS - ASPHALT 1
347 348	1522142.862 1522137.862	2855961.132 2855961.138	CENTER OF RADIUS – ASPHALT 1 END OF RADIUS – ASPHALT 1
349	1522137.862	2855961.138 2855974.139	CORNER – ASPHALT
351	1522138.221	2855901.149	END OF RADIUS - CURB
352 353	1522138.258	2855927.149 2855927.142	END OF RADIUS – CURB CENTER OF RADIUS – CURB
353 354	1522143.265	2855932.142	END OF RADIUS - CURB
355	1522149.116	2855932.133	END OF RADIUS - CURB
356 357	1522149.102	2855922.133 2855922.119	CENTER OF RADIUS – CURB END OF RADIUS – CURB
358	1522159.079	2855922.119	END OF RADIUS - CURB
359	1522149.079	2855906.133	CENTER OF RADIUS - CURB
361 362	1522143.221	2855901.142 2855896.142	CENTER OF RADIUS – CURB END OF RADIUS – CURB
363	1522143.214	2855896.142	END OF RADIUS - CURB
364	1522183.440	2855854.075	CORNER – ASPHALT
365 366	1522183.459 1522188.459	2855866.986 2855866.978	END OF RADIUS – ASPHALT 1 CENTER OF RADIUS – ASPHALT 1
367	1522188.409	2855871.978	END OF RADIUS - ASPHALT 1
368	1522201.512	2855872.109	CORNER - ASPHALT
369 370	1522200.704	2855953.105 2855952.975	CORNER – ASPHALT END OF RADIUS – ASPHALT 1
371	1522187.655	2855957.975	CENTER OF RADIUS - ASPHALT 1
372	1522182.655	2855957.925	END OF RADIUS - ASPHALT 1
373 374	1522182.445 1522202.444	2855978.930 2855979.130	END OF RADIUS – ASPHALT 1 CENTER OF RADIUS – ASPHALT 1
375	1522202.473	2855999.130	END OF RADIUS - ASPHALT 1
376	1522232.716	2855999.088	END OF RADIUS - ASPHALT
377 378	1522252.545 1522231.419	2856023.016 2855899.088	END OF RADIUS - ASPHALT CENTER OF RADIUS - ASPHALT 2
379	1522252.262	2855923.017	CENTER OF RADIUS - ASPHALT 2
380	1522318.094	2855948.963	END OF RADIUS - ASPHALT/CURB
381	1522338.937	2855972.892	END OF RADIUS - ASPHALT/CURB
382 383	1522359.573 1522362.173	2855900.940 2855902.436	EDGE OF PAVEMENT - CONCRETE EDGE OF PAVEMENT - CONCRETE
384	1522370.538	2855857.823	END OF RADIUS - ASPHALT 1&2
385	1522353.203	2855847.848	CENTER OF RADIUS – ASPHALT 1
386 387	1522363.178 1522367.975	2855830.513 2855805.513	END OF RADIUS – ASPHALT 1 END OF RADIUS – ASPHALT 1
388	1522382.938	2855779.511	CENTER OF RADIUS - ASPHALT 1
389	1522409.349	2855850.526	END OF RADIUS - ASPHALT 2
390 391	1522409.966 1522152.034	2855792.528 2855649.353	END OF RADIUS – ASPHALT 1&2 CORNER – LANDSCAPE EDGING
392	1522439.067	2855661.841	END OF RADIUS - ASPHALT 2
393 394	1522431.737 1522139.280	2855802.630 2855700.583	END – CURB EDGE OF PAVEMENT – CONCRETE
394 395	1522139.280	2855700.583 2855661.823	EDGE OF PAVEMENT - CONCRETE END OF RADIUS - ASPHALT 2
396	1522199.634	2855708.715	END OF RADIUS - ASPHALT 1
397 398	1522207.115 1522194.114	2855695.714 2855688.233	CENTER OF RADIUS – ASPHALT 1 END OF RADIUS – ASPHALT 1
398 399	1522194.114	2855688.233	END OF RADIUS - ASPHALT 1 END OF RADIUS - ASPHALT 1
400	1522205.433	2855678.586	CENTER OF RADIUS - ASPHALT 1
401	1522207.927	2855674.253	END OF RADIUS – ASPHALT 1
402 403	1522219.195 1521902.500	2855680.736 2855796.389	CORNER – ASPHALT 1 CORNER – CONCRETE UTILITY PAD
404	1522264.079	2855602.735	CORNER - ASPHALT 1
405 106	1522121.642	2855659.743	CENTER OF RADIUS - ASPHALT
406 407	1522255.305 1522250.971	2855591.918 2855589.424	CENTER OF RADIUS – ASPHALT 1 END OF RADIUS – ASPHALT 1
408	1522252.811	2855596.251	END OF RADIUS - ASPHALT 1
409	1522212.312	2855598.451	CENTER OF RADIUS - CURB
410	1522216.646	2855600.944	END OF RADIUS - CURB

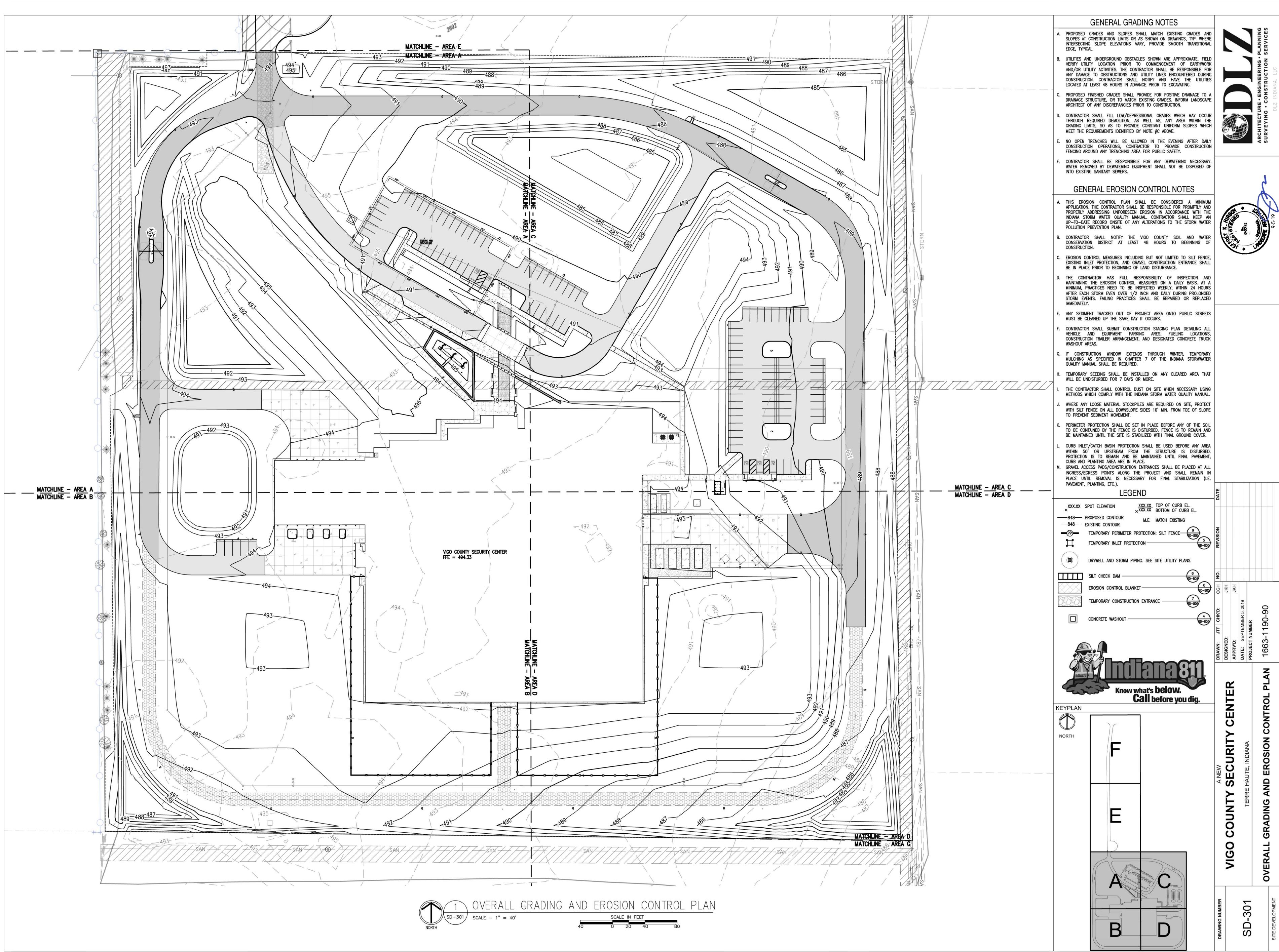


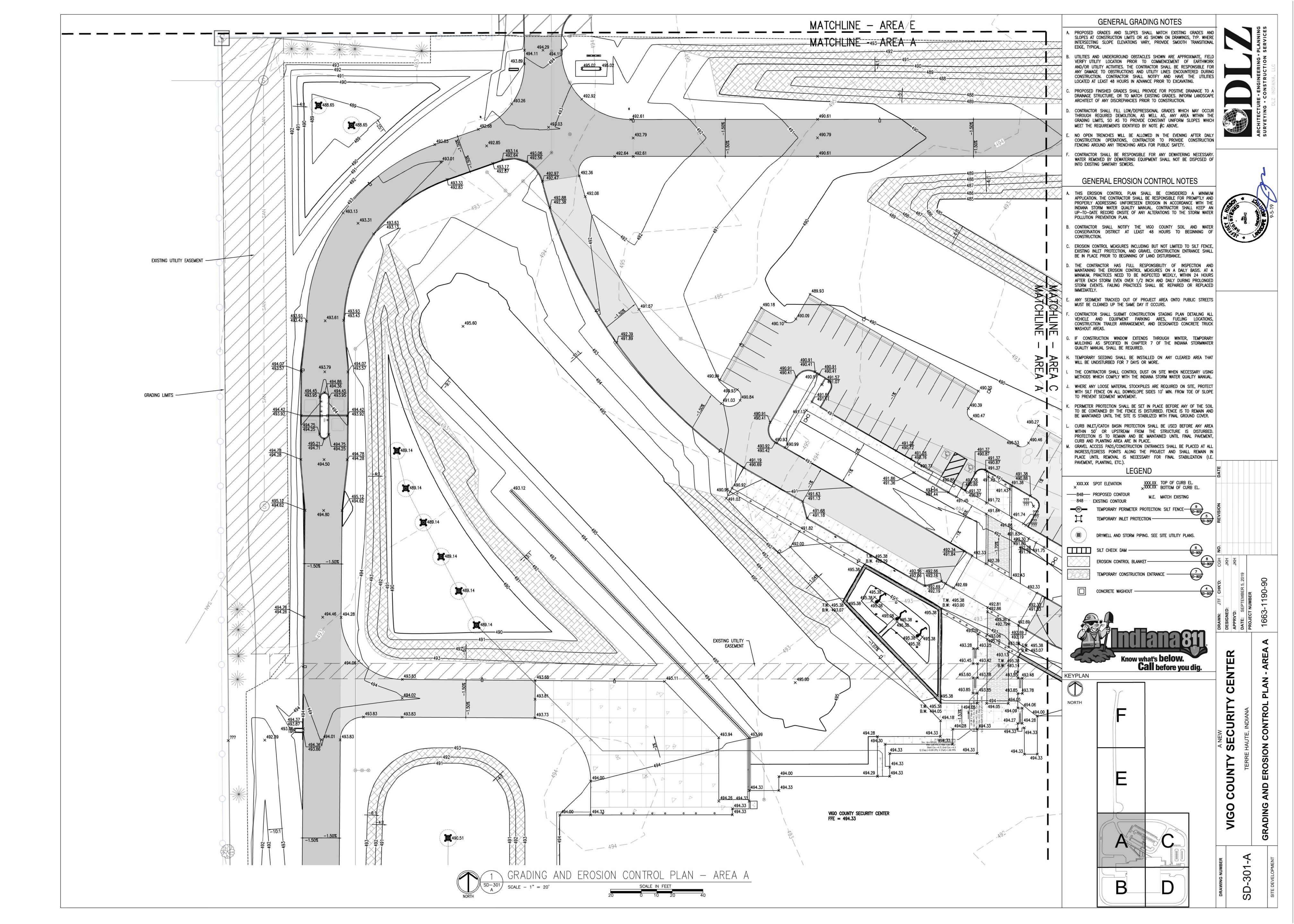


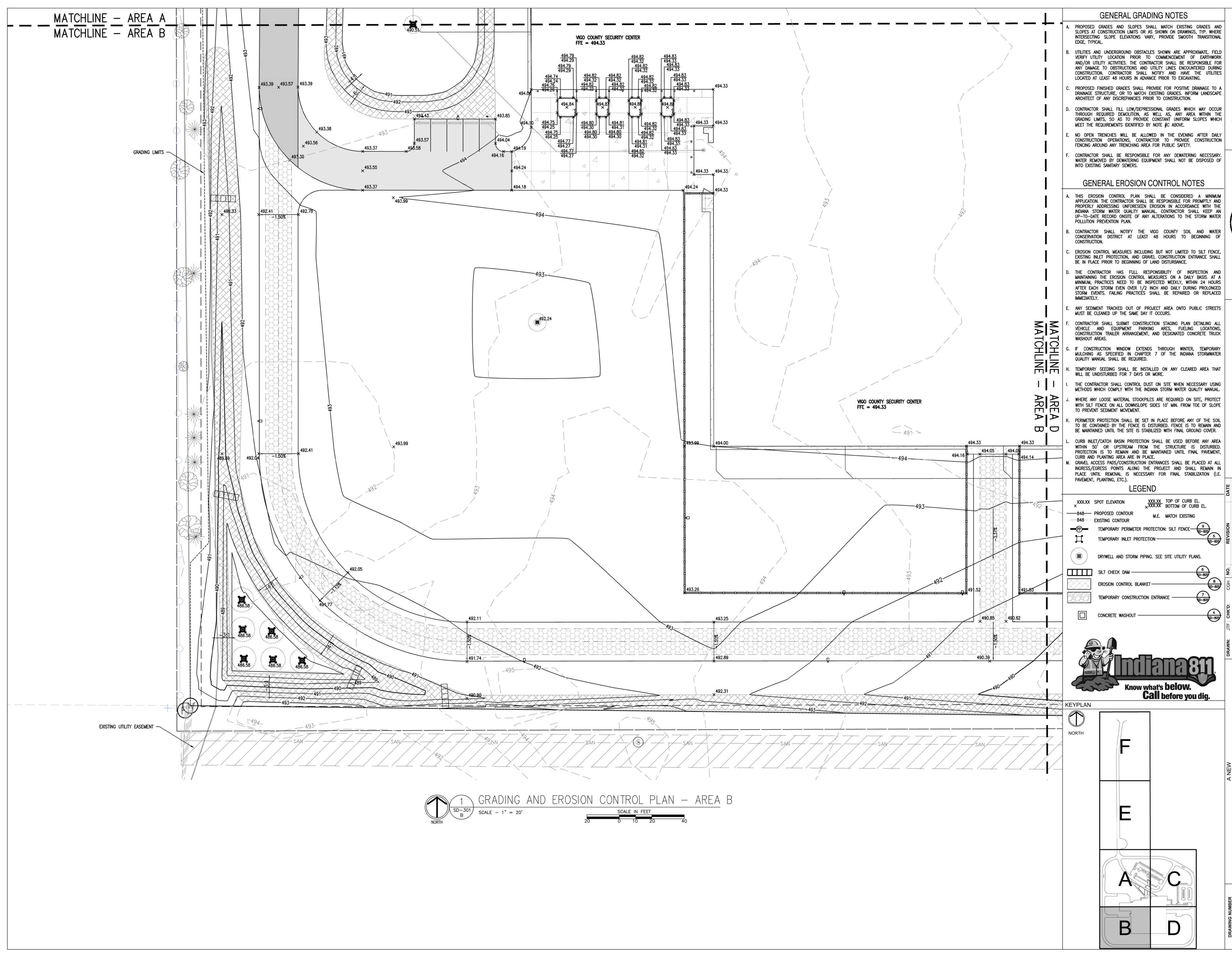
	IMPROVEN	IENT COORI	DINATE SCHEDULE		IMPROVEN	IENT COORI	DINATE SCHEDULE
KEY	NORTHING	EASTING	DESCRIPTION	KEY	NORTHING	EASTING	DESCRIPTION
412	1522198.556	2855596.303	CORNER – CURB	515	1522099.803	2855561.687	END OF OUTDOOR BENCH
413	1522166.901	2855651.066	EDGE OF PAVEMENT - CCURB	516	1522113.071	2855561.753	END OF OUTDOOR BENCH
414	1522081.679	2855646.013	END OF SEATWALL	517	1522119.049	2855561.795	END OF OUTDOOR BENCH
415	1522178.227	2855657.699	END OF RADIUS - CURB	518	1522083.648	2855583.235	EDGE OF CONCRETE PAVERS
416	1522175.733	2855662.033	CENTER OF RADIUS - CURB	519	1522078.961	2855590.812	CENTER OF WASTE RECEPTACLE
417	1522180.128	2855664.417	END OF RADIUS - CURB	520	1522091.954	2855561.632	CENTER OF WASTE RECEPTACLE
418	1522170.558	2855681.048	END OF RADIUS - CURB	521	1522168.410	2855584.037	EDGE OF CONCRETE PAVERS
419	1522162.757	2855676.560	CENTER OF RADIUS – CURB	522	1522164.936	2855585.012	EDGE OF PAVEMENT - CONCRETE 1
420	1522157.132	2855683.585	END OF RADIUS - CURB	523	1522161.501	2855590.989	END OF STEEL LANDSCAPE EDGING
421	1522188.382	2855644.554	CENTER OF RADIUS – CURB	524	1522185.234	2855591.154	CORNER – LANDSCAPE EDGING
422	1522145.035	2855619.634	END OF RADIUS - CURB	525	1522152.404	2855606.818	EDGE OF SPEED TABLE
423	1522131.594	2855594.857	EDGE OF SPEED TABLE	526	1522197.325	2855585.239	EDGE OF PAVEMENT - CONCRETE 1
424	1522147.489	2855706.228	END OF RADIUS - ASPHALT 1	527	1522401.282	2855793.329	END - CENTER OF SIGN
425 426	1522124.228	2855607.672	END OF RADIUS – CURB END OF OUTDOOR BENCH	528 529	1521985.471	2855876.304 2855906.639	CENTER OF SIGN CENTER OF GATE CALL BOX
420	1522071.288	2855592.209	EDGE OF PAVEMENT - CONCRETE 1	530	1522355.848	2855909.419	CENTER OF BOLLARD
			CENTER OF END SECURITY BOLLARD -	531	1522353.848	2855911.839	CENTER OF GATE MECHANISM
430	1522117.624	2855585.587	SECURITY	532	1522357.916	2855913.830	CENTER OF GATE MECHANISM
431	1522122.567	2855589.571	EDGE OF PAVEMENT - CONCRETE	533	1522191.821	2855470.947	END OF RADIUS - CURB
432	1522116.825	2855589.531	EDGE OF PAVEMENT - CONCRETE	534	1522169.811	2855509.286	END OF RADIUS - CURB
433	1522080.738	2855592.278	EDGE OF PAVEMENT - CONCRETE 1	535	1522234.180	2855521.273	END - CURB
434	1522070.759	2855589.209	EDGE OF PAVEMENT - CONCRETE 1	536	1522226.728	2855531.891	CENTER - SIGN POST
435	1522067.063	2855589.183	EDGE OF PAVEMENT - CONCRETE 1	537	1522217.846	2855547.330	CENTER - SIGN POST
436	1522083.656	2855657.350	EDGE OF LANDSCAPE EDGING	538	1521962.506	2855819.429	CORNER - CONCRETE UTILITY PAD
438	1522178.944	2855852.957	CENTER OF SIGN				
440	1521928.971	2855749.299	CENTER OF BOLLARD	539 540	1521954.506	2855819.442 2855811.442	CORNER – CONCRETE UTILITY PAD
441	1521915.820	2855319.094	CENTER OF BOLLARD				CORNER – CONCRETE UTILITY PAD
442	1521918.790	2855319.110	CENTER OF BOLLARD	541	1521902.513	2855806.389	CORNER – CONCRETE UTILITY PAD
443	1521924.295	2855320.143	EDGE OF PAVEMENT - CONCRETE	542	1521877.513	2855806.422 2855790.389	CORNER – CONCRETE UTILITY PAD CORNER – CONCRETE UTILITY PAD
444	1521916.297	2855320.146	END OF RADIUS - CURB	543	1521902.492	2855790.389	END OF RADIUS – ASPHALT 2
445	1521916.294	2855310.147	CENTER OF RADIUS - CURB	544	1522212.099	2855126.579 2855126.703	END OF RADIUS – ASPHALT 2 END OF RADIUS – ASPHALT 2
446	1521914.294	2855310.149	END OF RADIUS - CURB	545	1522209.112	2855126.703	END OF RADIUS – ASPHALI 2 END OF RADIUS – ASPHALT 2
447	1521916.291	2855308.147	END OF RADIUS - CURB				
448	1521926.292	2855318.141	END OF RADIUS - CURB	547	1522208.907	2855150.702	END OF RADIUS – ASPHALT 2/END OF CURB
449	1521926.292	2855310.142	END OF RADIUS - CURB	548	1522329.145	2855252.146	END OF RADIUS – ASPHALT 2
450	1521924.289	2855308.142	END OF RADIUS - CURB	549	1521893.160	2855215.157	END OF RADIUS – ASPHALT 2
451	1521915.852	2855339.098	CENTER OF BOLLARD	550	1521898.155	2855220.162	END OF RADIUS – ASPHALT 2
452	1521918.822	2855339.114	CENTER OF BOLLARD	551	1521898.107	2855270.162	END OF RADIUS – ASPHALT 2
453	1521917.327	2855339.319	CENTER OF SALLYPORT CONTROL	552	1521893.101	2855275.162	END OF RADIUS – ASPHALT 2
454	1521916.328	2855340.150	END OF RADIUS - CURB	553	1521898.160	2855215.162	CENTER OF RADIUS - ASPHALT 2
455	1521916.326	2855338.150	CENTER OF RADIUS - CURB	554	1521898.101	2855275.162	CENTER OF RADIUS – ASPHALT 2
456	1521914.323	2855334.153	END OF RADIUS - CURB	555	1521913.155	2855220.178	CORNER – ASPHALT 2
457	1521916.320	2855332.150	END OF RADIUS - CURB	556	1521913.101	2855270.180	CORNER – ASPHALT 2
458	1521926.326	2855338.136	END OF RADIUS - CURB	557	1521869.207	2855280.148	EDGE OF PAVEMENT, ASPHALT 2
459	1521926.323	2855334.136	END OF RADIUS - CURB	558	1521620.473	2855560.659	CORNER - CONCRETE MOW STRIP ALT
460	1521924.328	2855340.139	END OF RADIUS - CURB	559	1521620.431	2855592.325	CORNER - CONCRETE MOW STRIP ALT
461	1521915.878	2855359.098	CENTER OF BOLLARD	560	1521621.475	2855559.660	CORNER - CONCRETE MOW STRIP ALT
462	1521918.848	2855359.114	CENTER OF BOLLARD	561	1521621.430	2855593.326	CORNER - CONCRETE MOW STRIP ALT
463	1521917.339	2855359.319	CENTER OF SALLYPORT CONTROL	562	1521711.645	2855559.779	CORNER - CONCRETE MOW STRIP ALT
464	1521916.354	2855358.150	END OF RADIUS - CURB	563	1521711.647	2855560.779	CORNER - CONCRETE MOW STRIP ALT
465	1521924.352	2855358.139	CENTER OF RADIUS - CURB	564	1521711.692	2855592.446	CORNER - CONCRETE MOW STRIP ALT
466	1521916.350	2855352.182	END OF RADIUS - CURB	565	1521711.694	2855593.446	CORNER - CONCRETE MOW STRIP ALT
467	1521924.350	2855352.170	END OF RADIUS - CURB	566	1521706.669	2855560.773	CORNER - CONCRETE STOOP
468	1521926.352	2855358.136	END OF RADIUS - CURB	567	1521706.647	2855592.439	CORNER - CONCRETE STOOP
469	1521926.353	2855354.167	END OF RADIUS - CURB	568	1521902.534	2855822.389	CORNER - CONCRETE UTILITY PAD
470	1521924.354	2855360.139	END OF RADIUS - CURB	569	1521877.534	2855822.422	CORNER - CONCRETE UTILITY PAD
471	1521915.910	2855379.098	CENTER OF BOLLARD	570	1521877.521	2855812.422	CORNER - CONCRETE UTILITY PAD
472	1521984.455	2855849.695	CENTER - RECEPTACLE	571	1521902.521	2855812.389	CORNER - CONCRETE UTILITY PAD
473	1521917.385	2855379.318	CENTER OF SALLYPORT CONTROL	572	1521985.245	2855844.564	CORNER - SMOKING SHELTER
474	1521916.386	2855380.150	END OF RADIUS - CURB	573	1522101.932	2855800.310	CORNER – CONCRETE 1
475	1521916.383	2855378.150	CENTER OF RADIUS - CURB	574	1522098.459	2855794.315	CORNER – CONCRETE 1
476	1521914.378	2855378.153	END OF RADIUS - CURB	575	1522153.861	2855710.066	CORNER - CONCRETE 1
477	1521924.375	2855372.123	END OF RADIUS - CURB	576	1522148.711	2855706.984	CORNER - CONCRETE 1
478	1521926.383	2855378.136	END OF RADIUS - CURB	577	1522161.126	2855685.411	CORNER - CONCRETE 1
479	1521926.377	2855374.120	END OF RADIUS – CURB	578	1522165.393	2855677.995	CORNER - CONCRETE 1
480	1521924.386	2855380.139	END OF RADIUS - CURB	579	1522174.370	2855662.393	EDGE OF PAVEMENT - CONCRETE 1
481	1521924.292	2855310.144	CENTER OF RADIUS - CURB	580	1522158.296	2855652.980	CORNER - CONCRETE 1
482	1521924.323	2855334.139	CENTER OF RADIUS - CURB	581	1522150.814	2855715.361	CORNER - CONCRETE 1
483	1521926.352	2855356.136	CENTER OF RADIUS - CURB	582	1522145.717	2855712.188	CORNER - CONCRETE 1
484	1521924.378	2855374.123	CENTER OF RADIUS - CURB	583	1522021.312	2855414.999	CORNER - CONCRETE
485	1522276.525	2855137.286	CENTER OF GATE CALL BOX	584	1521924.292	2855318.143	CENTER OF RADIUS - CURB
486	1522273.320	2855137.256	CENTER OF BOLLARD	585	1521916.294	2855318.146	CENTER OF RADIUS - CURB
487	1522267.369	2855139.209	CENTER OF SECURITY EQUIPMENT	586	1521914.294	2855318.148	END OF RADIUS - CURB
488	1522267.701	2855141.197	CENTER OF BOLLARD	587	1521917.295	2855319.296	CENTER OF SALLY PORT CONTROL
489	1522270.534	2855137.235	CENTER OF GATE MECHANISM	588	1521924.320	2855332.139	END OF RADIUS - CURB
490 491	1522270.493	2855141.224	CENTER OF GATE MECHANISM	589	1521924.326	2855338.139	CENTER OF RADIUS - CURB
491 492	1521895.845	2855136.549 2856012.282	END – CENTERLINE OF FIRE LANE END – CENTERLINE OF FIRE LANE	590	1521916.323	2855334.150	CENTER OF RADIUS - CURB
492	1521804.805	2856012.282	EDGE OF PAVEMENT, ASPHALT	591	1521914.353	2855354.185	END OF RADIUS - CURB
493	1522347.603	2855921.741	EDGE OF PAVEMENT, ASPHALT	592 593	1521914.352	2855358.153	END OF RADIUS - CURB
194 195	1521869.251	2855163.572	CENTER OF RADIUS - FIRE LANE ALT	593	1521916.354 1521924.353	2855360.150 2855354.170	END OF RADIUS - CURB CENTER OF RADIUS - CURB
495	1521854.251	2855163.567	END OF RADIUS - FIRE LANE ALT	594	1521924.353	2855354.170	CENTER OF RADIUS - CURB
190 197	1521854.245	2855924.734	CENTER OF SECURITY GATE MOTOR	595	1521916.353	2855590.830	END OF SEATWALL
-97 -98	1522232.803	2855260.842	END OF SCREEN - ALT	597	1521918.879	2855379.114	CENTER OF BOLLARD
.99	1522044.340	2855492.215	CORNER - STEEL LANDSCAPE EDGING	598	1521918.879	2855374.138	END OF RADIUS - CURB
00	1522062.213	2855492.189	CORNER - STEEL LANDSCAPE EDGING	599	1521916.375	2855372.135	END OF RADIUS - CURB
501	1522042.860	2855506.218	CORNER - CONCRETE 1	600	1521916.378	2855374.135	CENTER OF RADIUS - CURB
02	1522042.880	2855547.102	EDGE OF PAVEMENT - CONCRETE 1	601	1521916.378	2855378.139	CENTER OF RADIUS - CURB
602 603	1522087.051	2855589.279	EDGE OF PAVEMENT - CONCRETE 1	601	1521924.383	2855378.139	EDGE OF CONCRETE STOOP
503	1522090.357	2855563.148	EDGE OF PAVEMENT - CONCRETE 1	603	1521855.915	2855402.401	EDGE OF CONCRETE STOOP
504 505	1522090.368	2855560.148	EDGE OF PAVEMENT - CONCRETE 1	605	1521055.915	2855590.816	EDGE OF CONCRETE STOOP
505	1522090.388	2855560.218	EDGE OF PAVEMENT - CONCRETE 1	606	1522093.801	2855590.816	END OF OUTDOOR BENCH
507	1522100.371	2855563.218	EDGE OF PAVEMENT - CONCRETE 1	606	1522099.779	2855590.858	EDGE OF PAVEMENT - CONCRETE 1
508	1522100.350	2855563.218	EDGE OF PAVEMENT - CONCRETE 1	607	1522100.143	2855592.365	EDGE OF PAVEMENT - CONCRETE 1 EDGE OF PAVEMENT - CONCRETE 1
508	1522109.529	2855560.300	EDGE OF PAVEMENT - CONCRETE 1	608	1522100.163	2855589.414 2855592.365	EDGE OF PAVEMENT - CONCRETE 1 EDGE OF PAVEMENT - CONCRETE 1
509	1522109.549	2855560.300	EDGE OF PAVEMENT - CONCRETE 1				
510	1522119.371	2855560.351	EDGE OF PAVEMENT - CONCRETE 1 EDGE OF PAVEMENT - CONCRETE 1	610	1522090.174	2855589.344	EDGE OF PAVEMENT - CONCRETE 1
511	1522119.350	2855563.351 2855790.338	EDGE OF PAVEMENT – CONCRETE 1 END – CENTER OF SIGN	611	1522128.309	2855569.527 2855569.651	EDGE OF CONCRETE PAVERS
		2855790.338	END - CENTER OF SIGN	612 613	1522143.168	2855569.651	EDGE OF CONCRETE PAVERS
	1522077 267	∟ ∠ວວວອບ./ວອ	LINE OF OUTDOON DENOT	ן נוסן	1022100.14/	200000.000	LEVE OF CONUTEIE PAVERS
512 513 514	1522077.267	2855561.644	END OF OUTDOOR BENCH	614	1522120.303	2855583.472	EDGE OF CONCRETE PAVERS

	IMPROVEN	IENT COORE	INATE SCHEDULE
KEY	NORTHING	EASTING	DESCRIPTION
615	1522206.065	2855570.071	EDGE OF CONCRETE PAVERS
616	1522198.030	2855584.015	EDGE OF CONCRETE PAVERS
617	1522213.611	2855570.124	EDGE OF CONCRETE PAVERS
618	1522205.578	2855584.068	EDGE OF CONCRETE PAVERS
619	1522137.935	2855583.824	EDGE OF PAVEMENT - CONCRETE 1
620	1522146.211	2855569.424	EDGE OF PAVEMENT - CONCRETE 1
621	1522150.419	2855494.454	EDGE OF CONCRETE
622	1522138.550	2855508.719	EDGE OF CONCRETE
623	1522128.904	2855498.703	EDGE OF CONCRETE
624	1522126.743	2855500.785	EDGE OF CONCRETE
625	1522136.620	2855511.039	EDGE OF CONCRETE
626	1522124.535	2855525.563	EDGE OF CONCRETE
627	1522126.842	2855527.482	EDGE OF CONCRETE
628	1522143.034	2855572.405	CENTER OF SECURITY BOLLARD – STANDARD
629	1522138.196	2855580.822	CENTER OF SECURITY BOLLARD – STANDARD
630	1522140.615	2855576.614	CENTER OF SECURITY BOLLARD – STANDARD
631	1522173.509	2855572.618	CENTER OF SECURITY BOLLARD - STANDARD
632	1522168.671	2855581.035	CENTER OF SECURITY BOLLARD - STANDARD
633	1522171.090	2855576.827	CENTER OF SECURITY BOLLARD - STANDARD
634	1522364.645	2855854.431	CENTER OF SIGN
635	1522429.632	2855807.132	CORNER – CURB TURNOUT
636	1522428.785	2855808.944	CORNER – CURB TURNOUT
637	1521944.684	2855927.645	EDGE OF PAVEMENT - CONCRETE 2
638	1522065.237	2855125.538	CORNER – CURB TURNOUT
639	1522067.237	2855125.554	CORNER – CURB TURNOUT
640	1522228.254	2855577.226	CENTER OF SECURITY BOLLARD - STANDARD
641	1522225.835	2855581.435	CENTER OF SECURITY BOLLARD - STANDARD
642	1522230.673	2855573.017	CENTER OF SECURITY BOLLARD - STANDARD
643	1521854.245	2855124.310	CENTER OF DELINEATOR STAKE
644	1521854.245	2855148.817	CENTER OF DELINEATOR STAKE
645	1521706.912	2855124.380	CENTER OF DELINEATOR STAKE
646	1521706.947	2855148.880	CENTER OF DELINEATOR STAKE
647	1521616.351	2855161.987	CENTER OF DELINEATOR STAKE
648	1521633.681	2855179.305	CENTER OF DELINEATOR STAKE
649	1521578.806	2855252.574	CENTER OF DELINEATOR STAKE
650	1521603.306	2855252.592	CENTER OF DELINEATOR STAKE
651 652	1521579.087	2855574.594	CENTER OF DELINEATOR STAKE
652 653		2855563.696	CENTER OF DELINEATOR STAKE
	1521603.596	2855589.696	
654 655	1521579.368	2855896.614	CENTER OF DELINEATOR STAKE
655 656	1521603.868	2855896.595 2855969.982	CENTER OF DELINEATOR STAKE
656 657	1521634.343	2855969.982	CENTER OF DELINEATOR STAKE
657 658	1521617.044	2855987.331	CENTER OF DELINEATOR STAKE
659	1521707.794	2856000.306	CENTER OF DELINEATOR STAKE
660	1521707.845	28560024.808	CENTER OF DELINEATOR STAKE
661	1521804.796	2856024.532	CENTER OF DELINEATOR STAKE
662	1521706.647	2855564.606	CORNER - ASPHALT DRIVE
663	1521706.668	2855588.606	CORNER - ASPHALT DRIVE
664	1521603.328	2855564.696	CORNER – ASPHALT DRIVE
665	1521603.349	2855588.696	CORNER – ASPHALT DRIVE
666	1522012.312	2855957.326	END OF CONCRETE WALK
667	1522012.512	2855915.441	CENTER OF SECURITY EQUIPMENT
668	1522022.173	2855730.706	CENTER OF BUILDING COLUMN, (G,18)
669	1522022.173	2855603.831	CENTER OF BUILDING COLUMN, (G,13)





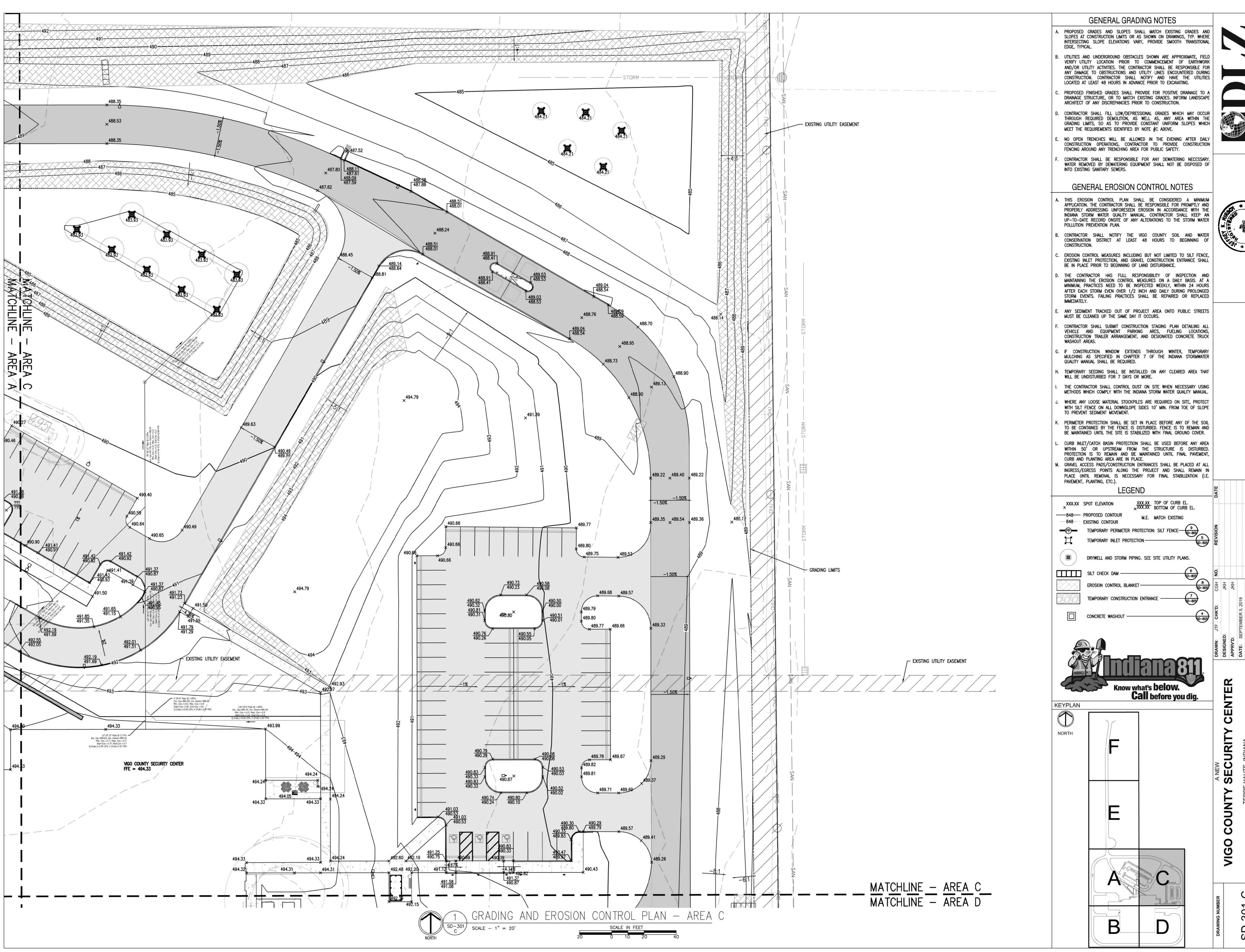






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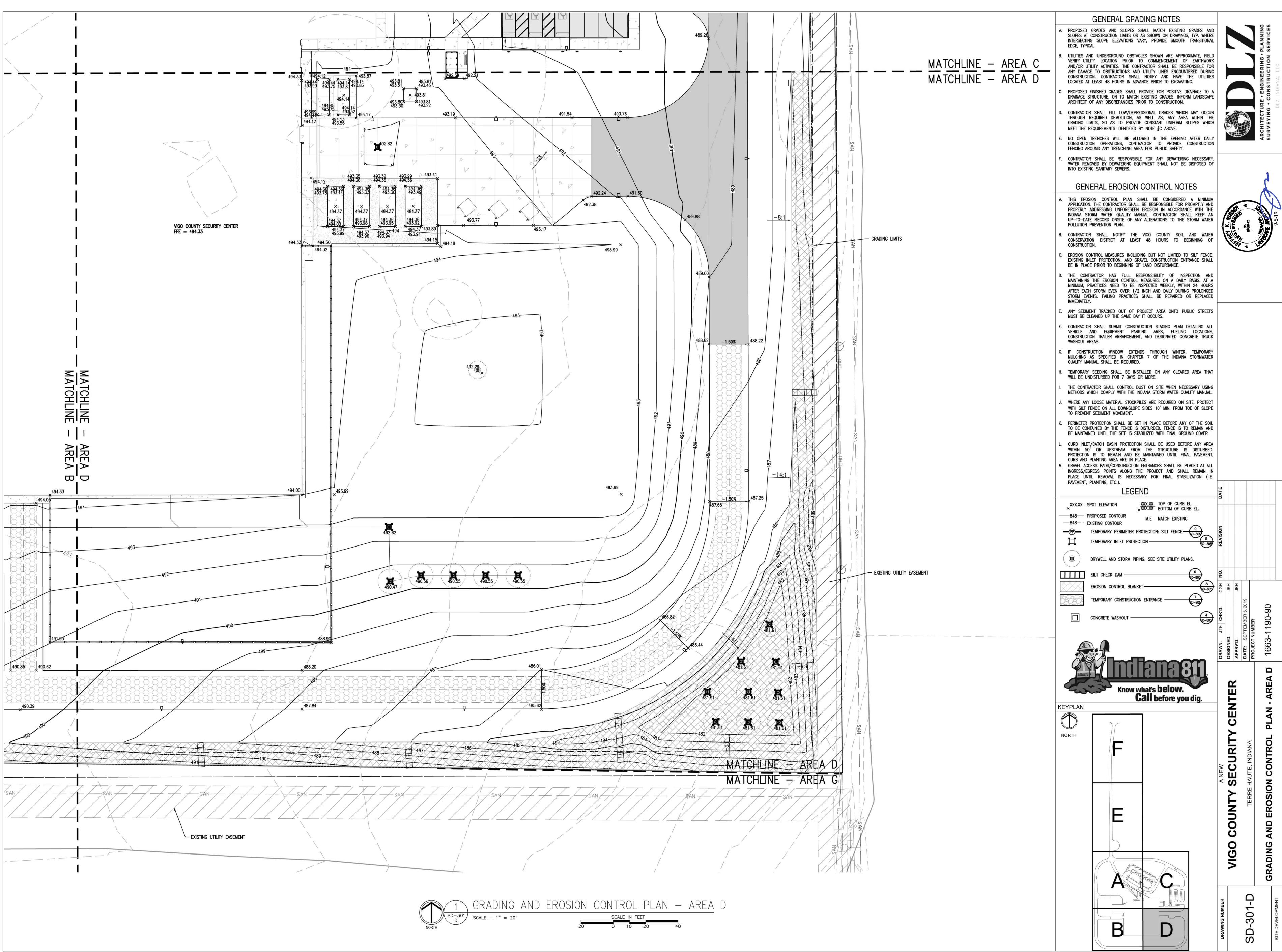
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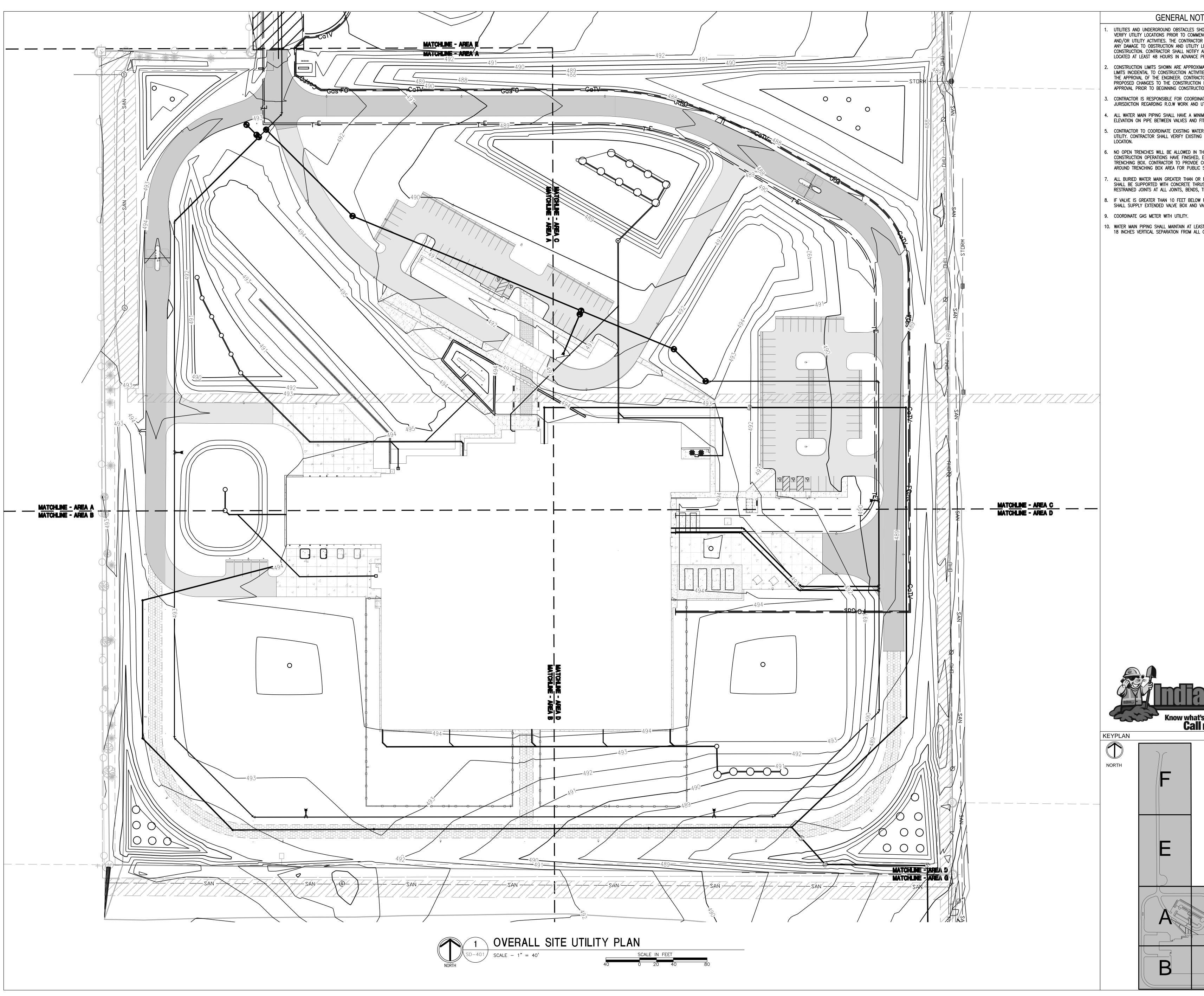




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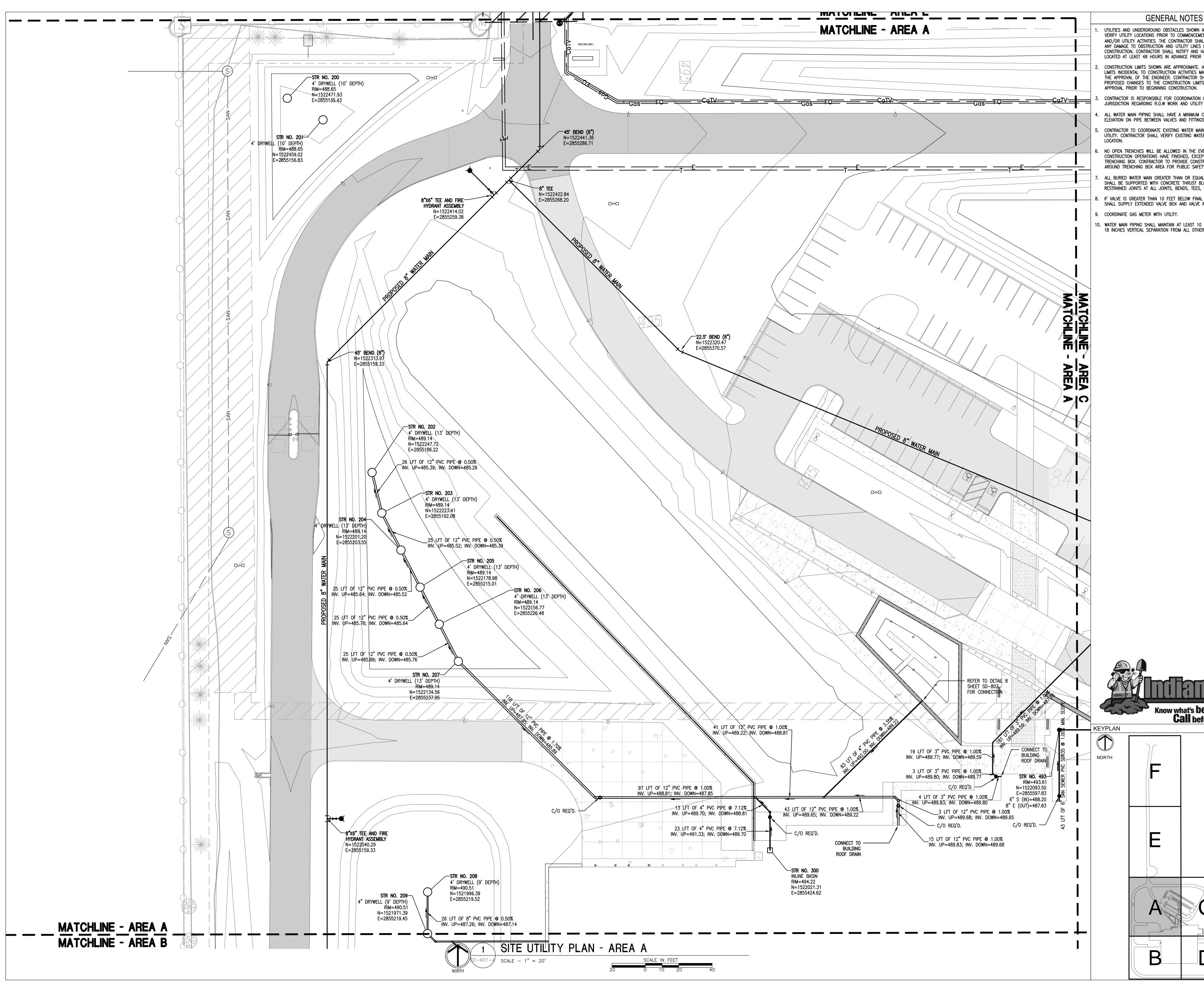
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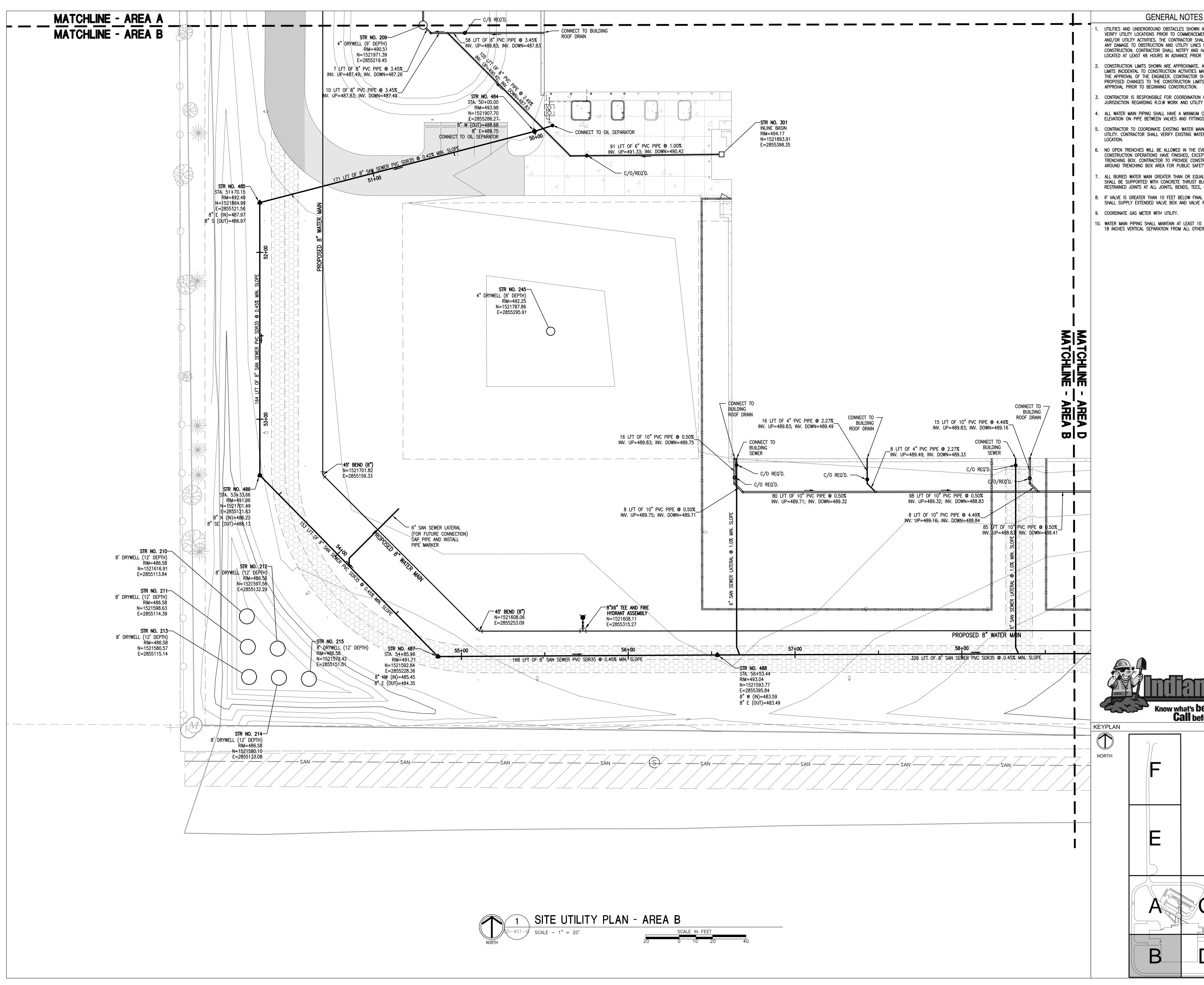


GENERAL NOTES 2. CONSTRUCTION LIMITS SHOWN ARE APPROXIMA LIMITS INCIDENTAL TO CONSTRUCTION ACTIVITIE THE APPROVAL OF THE ENGINEER. CONTRACTO PROPOSED CHANGES TO THE CONSTRUCTION I APPROVAL PRIOR TO BEGINNING CONSTRUCTIO

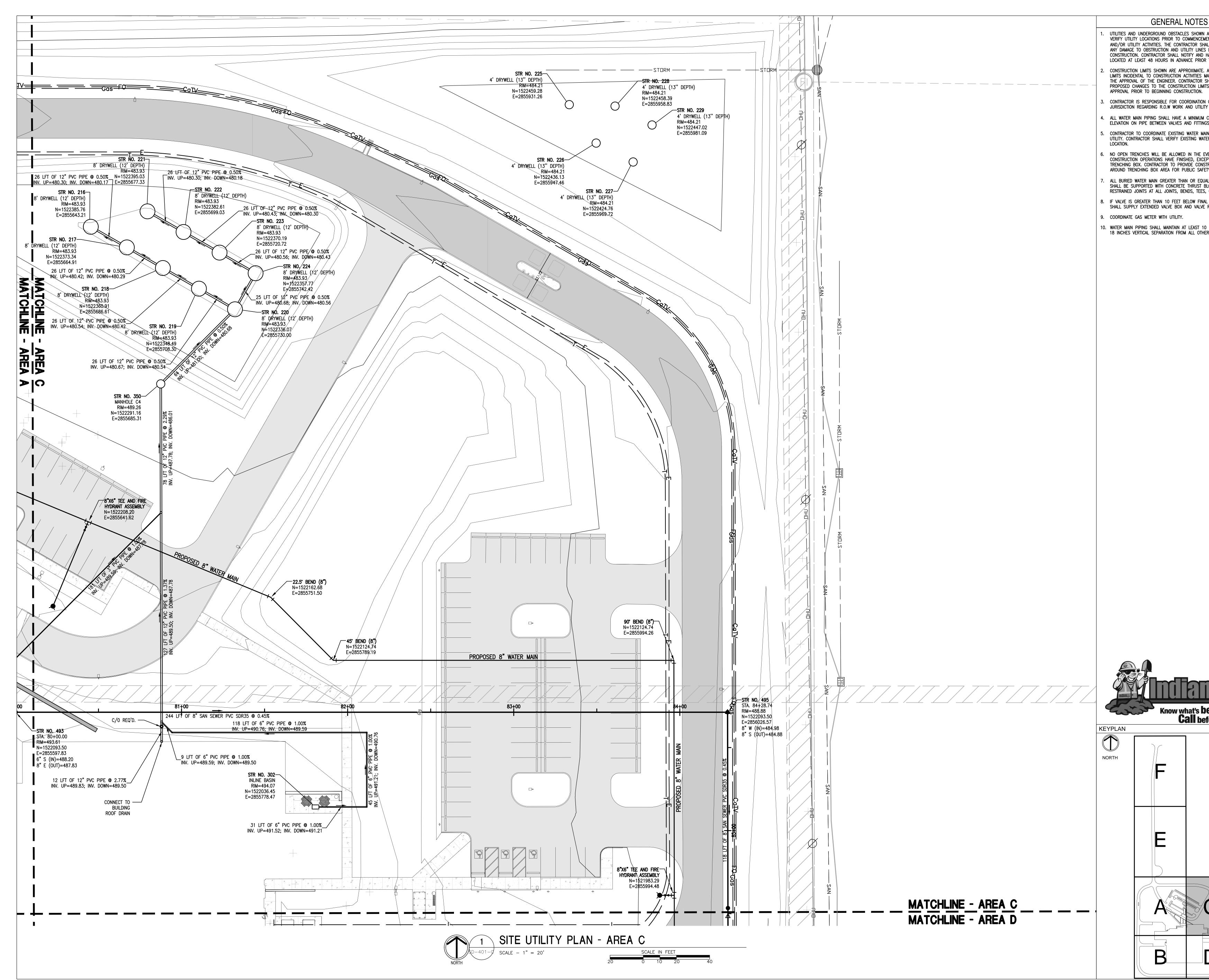
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SHOWN ARE APPROXIMATE. FIELD SHOWN ARE APPROXIMATE. FIELD RECEMENT OF EARTHWORK OR SHALL BE RESPONSIBLE FOR (LINES ENCOUNTERED DURING (AND HAVE THE UTILITY PRIOR TO EXCAVATING. IMATE. ADJUSTMENTS TO THE TITES MAY BE PERIMITED WITH (CTOR SHALL FIELD MARK ANY N LIMITS FOR ENGINEER TION. NATION OF ALL APPROPRIATE UTILITY COMPANIES. NIMUM COVER OF 60°. MAINTAIN FITTINGS. TER MAIN CONNECTION WITH ING WATER MAIN ELEVATION AND THE EVENING AFTER DAILY , EXCEPT IN THE AREA OF THE CONSTRUCTION FENCING C SAFETY. R EQUAL TO 4° DIAMETER RUST BLOCKING AND , TEES, CROSSES AND VALVES. W FINAL GRADE, CONTRACTOR VALVE ROD. AST 10 FEET HORIZONTAL AND L OTHER UTILITIES. STORE OF AND AND AND AND AND AND DIFFERENTIAL SAFETY AND						ARCHITECTURE • ENGINEERING • PLANNING SURVEYING • CONSTRUCTION SERVICES	DLZ INDIANA, LLC
THE EVENING AFTER DAILY P, EXCEPT IN THE AREA OF THE C CONSTRUCTION FENCING C SAFETY. R EQUAL TO 4" DIAMETER RUST BLOCKING AND , TEES, CROSSES AND VALVES. W FINAL GRADE, CONTRACTOR VALVE ROD. AST 10 FEET HORIZONTAL AND L OTHER UTILITIES.	222	CANER OF CONTRACTION OF CONTRACTICON OF CON		*	PESS and STATE OF	61/16 9/5/19	• ~ `
	JNJ CHK'D:	DESIGNED: JLP	APPRV'D: JLP	DATE: SEPTEMBER 5, 2019	PROJECT NUMBER	1663-1190-90	
		VIGO COUNTY SECURITY CENTER				OVERALL SITE UTILITY PLAN	
	DRAWING NUMBER				0D-401		SITE DEVELOPMENT



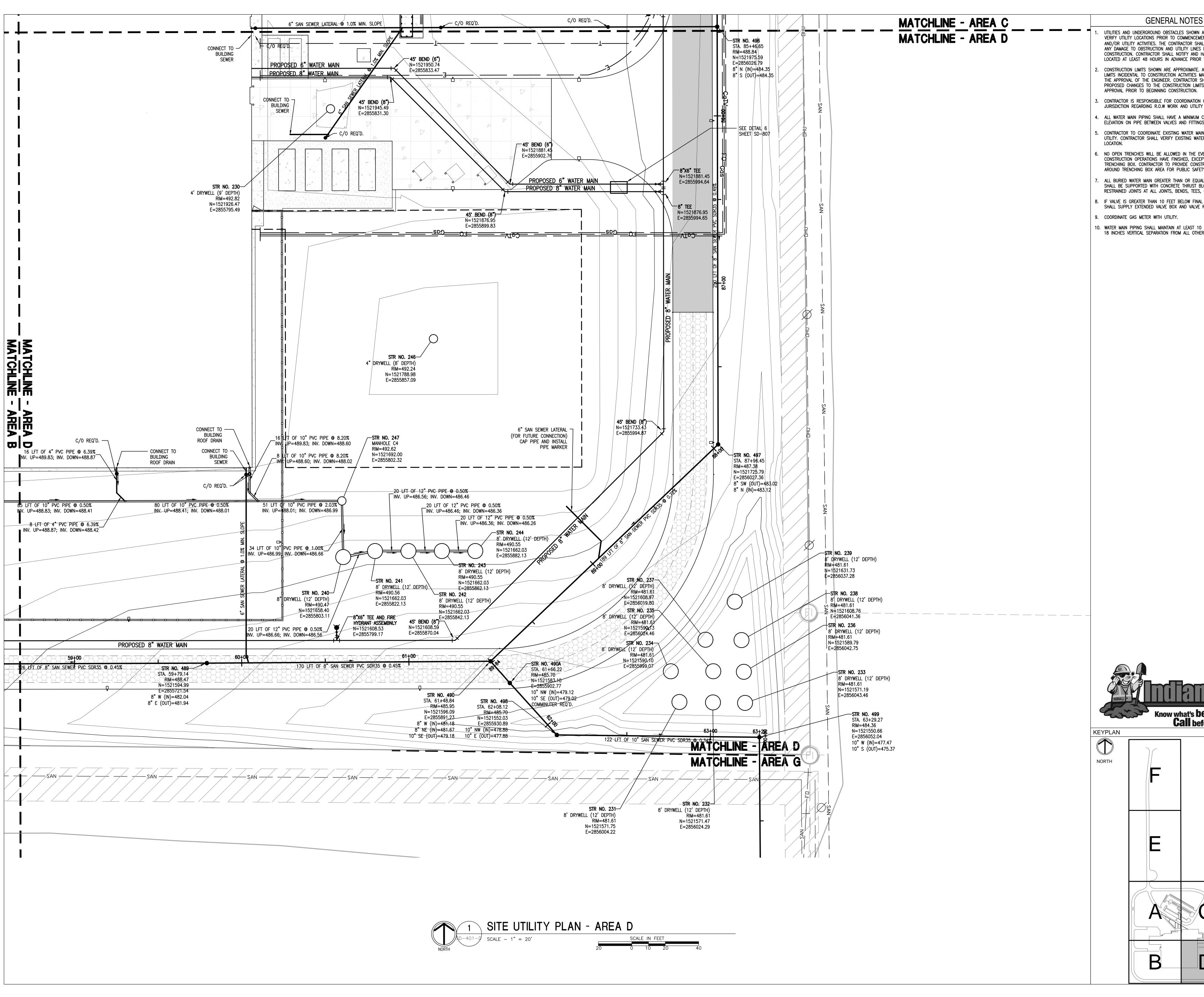
			C SAFETY. R EQUAL TO 4" DIAMETER RUST BLOCKING AND , TEES, CROSSES AND VALVES. W FINAL GRADE, CONTRACTOR VALVE ROD. AST 10 FEET HORIZONTAL AND L OTHER UTILITIES.	SHOWN ARE APPROXIMATE. FIELD ENCEMENT OF EARTHWORK OR SHALL BE RESPONSIBLE FOR I LINES ENCOUNTERED DURING AND HAVE THE UTILITY PRIOR TO EXCAVATING. AND HAVE THE UTILITY OF ALL APPROPRIATE OUTILITY COMPANIES. AND OF ALL APPROPRIATE OUTILITY COMPANIES. AND COVER OF 60". MAINTAIN FITTINGS. AND COVER OF 60". MAINTAIN FITTINGS. AND COVER OF 60". MAINTAIN FITTINGS. AND COVER OF 60 THE EVENING AFTER DAILY OF EXCEPT IN THE AREA OF THE CONSTRUCTION FENCING	
DRAWING NUMBER	A NEW	JNJ CHKD: KRD NO. REVISION DATE			
	VIGO COUNTY SECURITY CENTER	DESIGNED: JLP	COSTERNATION OF A CONTRACT OF		
	TEPPE HALTE INDIANA	DATE: SEPTEMBER 5, 2019	19900533 19900533		
			STATE OF		
	SITE UTILITY PLAN - AREA A	1663-1190-90	σ	ARCHITECTURE • ENGINEERING • PLANNING SURVEYING • CONSTRUCTION SERVICES	
SITE DEVELOPMENT		Mr. 25 M	Some Come washing	DLZ INDIANA, LLC	



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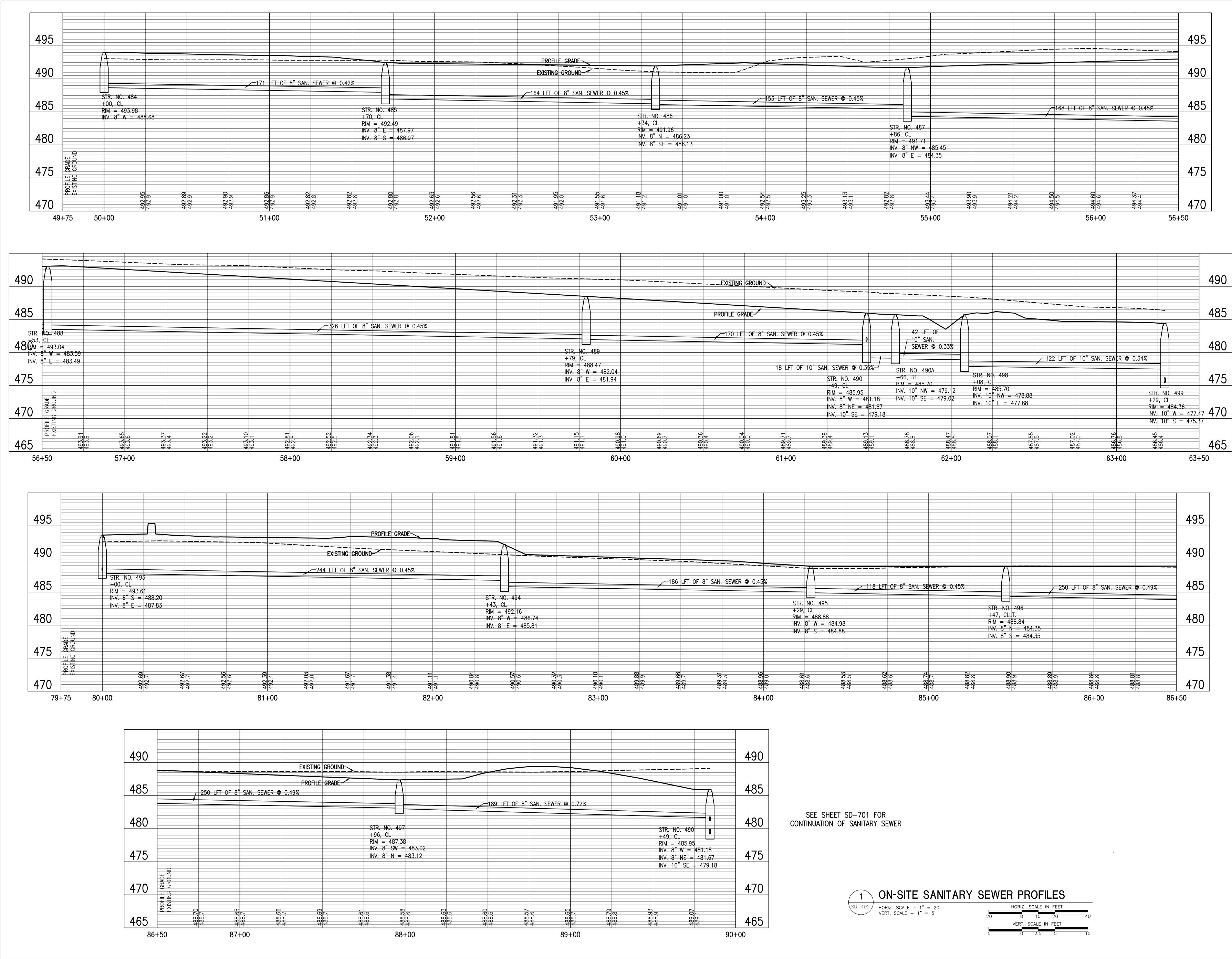


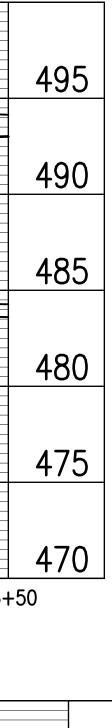
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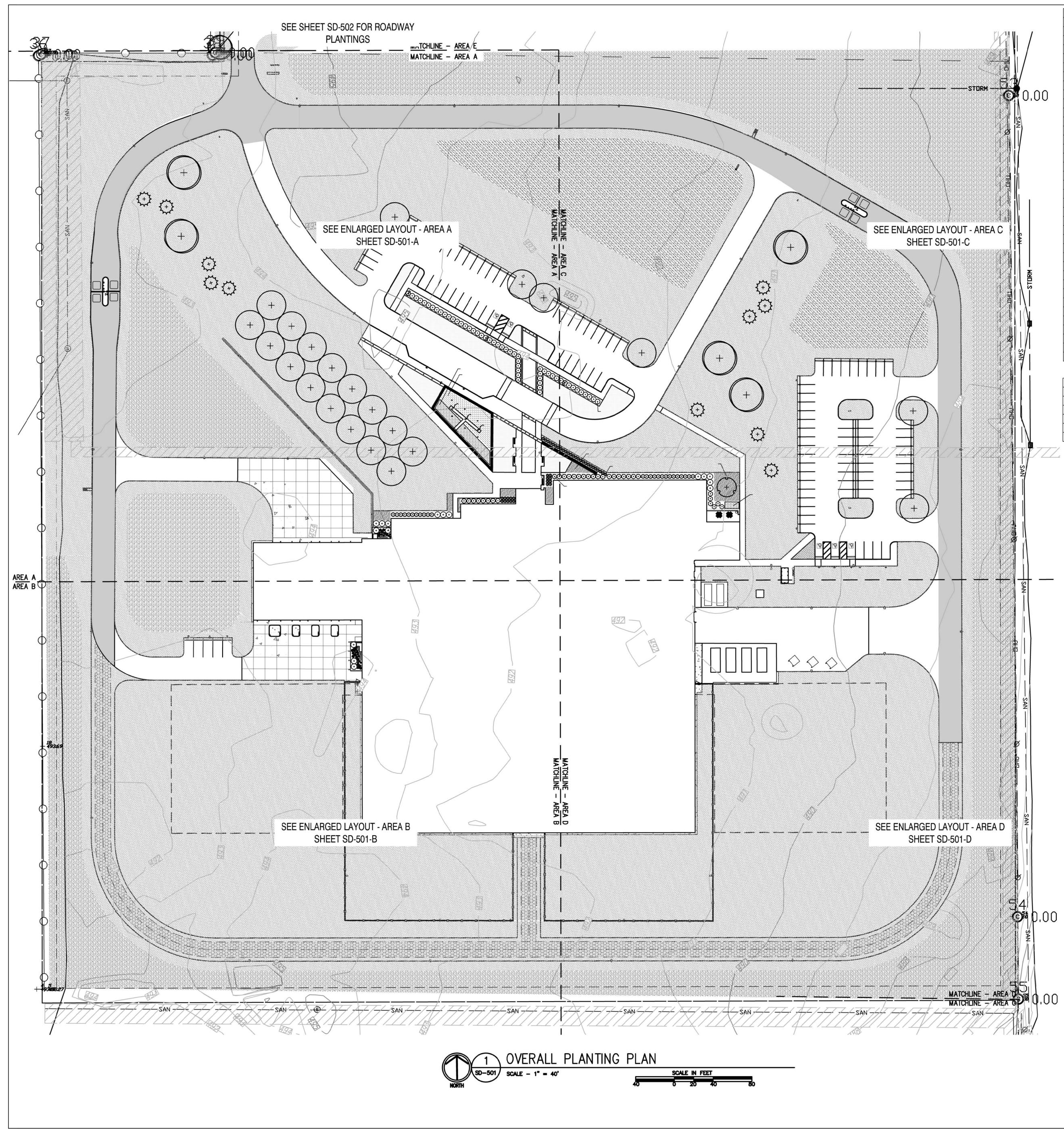
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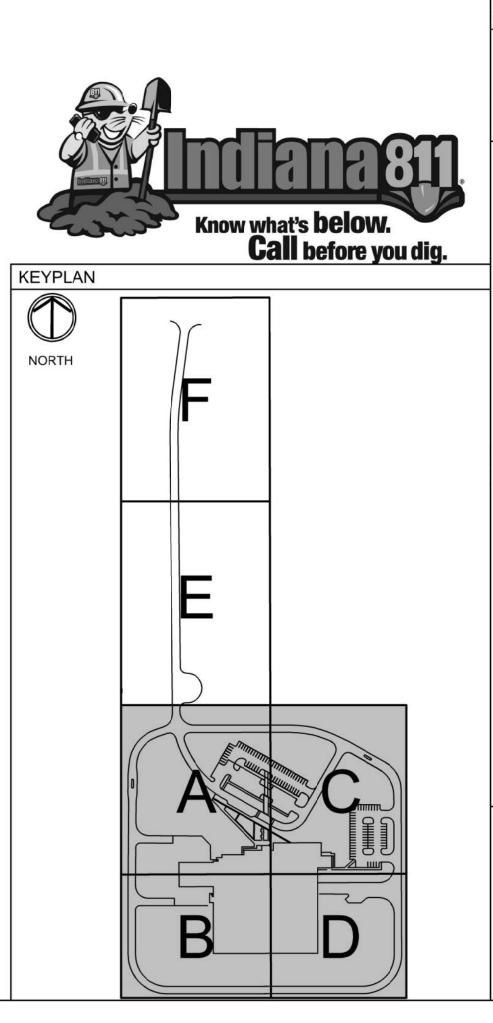


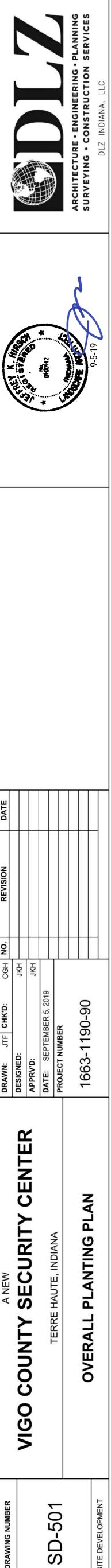
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	ON-SITE SANITARY SEWER PROFILES	1663-1190-90		MILLONAL ENGINE	SURVEYING • CONSTRUCTION SERVICES
SITE DEVELOPMENT				Commenter	DLZ INDIANA, LLC

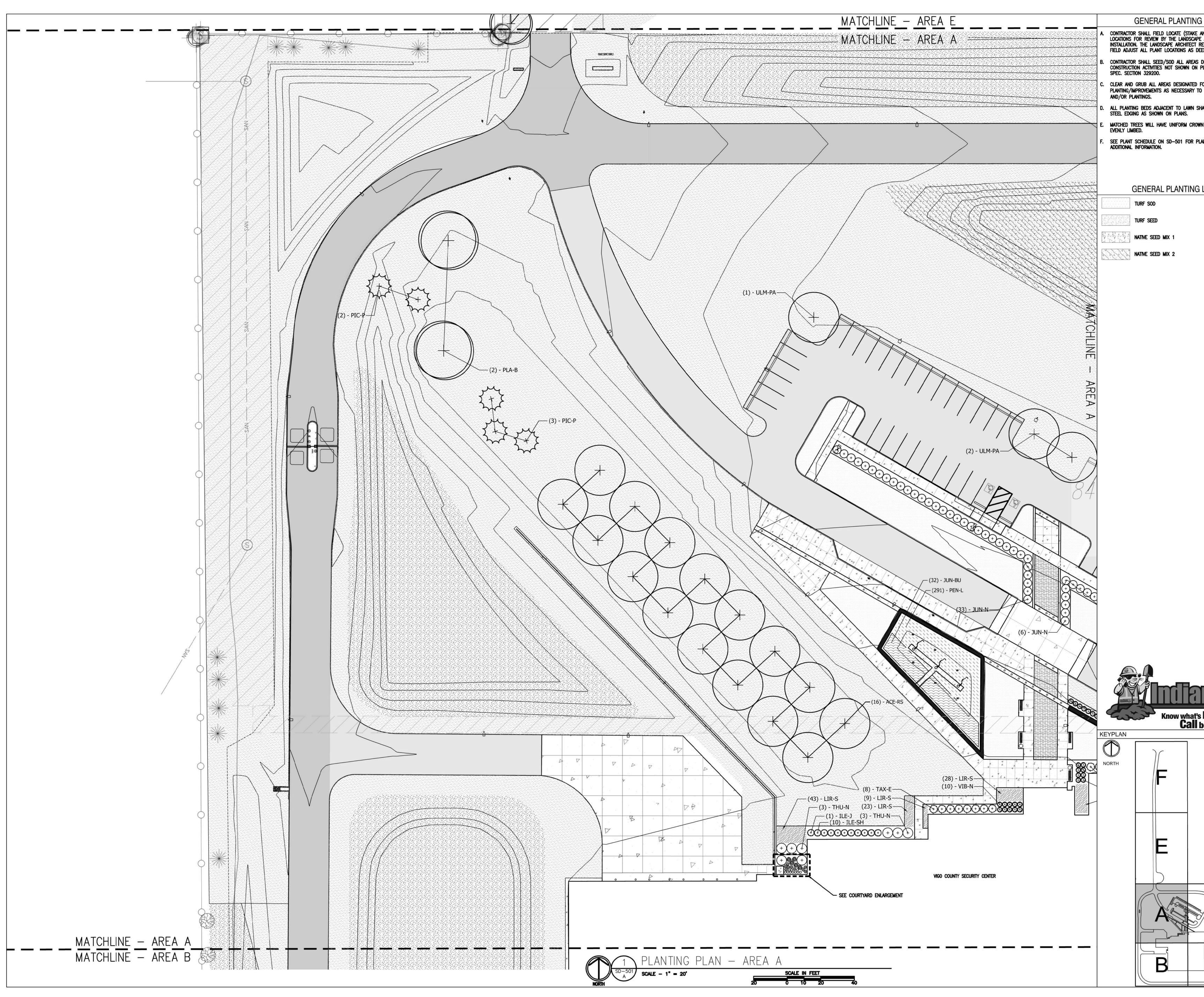


TREES	BOTANICAL / COMMON NAME	CONT	CAL	QTY
ACE-RS	Acer rubrum 'Red Sunset' / Red Sunset Maple	B & B	2.5"Cal	16
COR-C	Cornus florida `Cherokee Princess` / Cherokee Princess Dogwood	B&B	2:0 Cal	1
PLA-B	Platanus x acerifolia `Bloodgood` / London Plane Tree	B&B	3"Cal	5
ULM-PA	Ulmus x 'Patriot' / Patriot Elm	B&B	2"Cal	6
	Olinus x Pathot / Pathot Elin	DQD	2 Ca	0
EVERGREEN TREES	BOTANICAL / COMMON NAME	CONT	CAL	QTY
PIC-P	Picea pungens / Colorado Spruce	B & B	6-8` HT.	11
SHRUBS	BOTANICAL / COMMON NAME	CONT		QTY
LE-J	Ilex verticillata `Jim Dandy` / Jim Dandy Winterberry	No. 3 Cont.		3
ILE-SH	Ilex verticillata `Shortcake` / Shortcake Winterberry	No. 3 Cont.		22
SYR-P	Syringa patula `Miss Kim` / Miss Kim Lilac	No. 5 Cont.		6
TAX-E	Taxus x media `Everlow` / Everlow Yew	No. 5 Cont.		26
THU-N	Thuja occidentalis `Nigra` / Nigra Cedar	B & B		11
VIB-N	Viburnum farreri `Nanum` / Dwarf Fragrant Viburnum	No. 3 Cont.		44
COURTYARD PLANTINGS	BOTANICAL / COMMON NAME	CONT		QTY
HAK-A	Hakonechloa macra `All Gold` / Japanese Forest Grass	No. 2 Cont.		22
HEU-W	Heuchera x `Wild Rose` / Coral Bells	No. 2 Cont.		20
HOS-W	Hosta x `Shadowland Wu-La-La` / Wu-La-La Hosta	No. 2 Cont.		16
TAX-DF	Taxus x media `Densiformis` / Dense Yew	No. 5 Cont.		5
EVERGREEN SHRUBS	BOTANICAL / COMMON NAME	CONT		QTY
JUN-N	Juniperus chinensis `Nick`s Compact` / `Nick`s Compact` Juniper	No. 3 Cont.	-	53
EVERGREEN SHRUB MASSINGS	BOTANICAL / COMMON NAME	CONT		QTY
JUN-BU	Juniperus sabina `Buffalo` / Buffalo Juniper	No. 3 Cont.		37
				-
GROUND COVERS	BOTANICAL / COMMON NAME	CONT		QTY
LIR-S	Liriope spicata / Creeping Lily Turf	No. 1 Cont.		380
PEN-L	Pennisetum alopecuroides `Little Bunny` / Little Bunny Fountain Grass	No. 1 Cont.		291
	1			
SOD/SEED	BOTANICAL / COMMON NAME	CONT		QTY
NAT-1	Native Seed Mix 1 / Native Grasses	BULK		177,015 s
NAT-2	Native Seed Mix 2 / Native Grasses with Accent Forbs	BULK		38,487 sf
TURF-1	Turf Seed / Turf Type Tall Fescue / Bluegrass Blend	BULK		457,398 :
TURF-2	Turf Sod / Turf Type Tall Fescue / Bluegrass Blend	STD. ROLL		8,386 sf

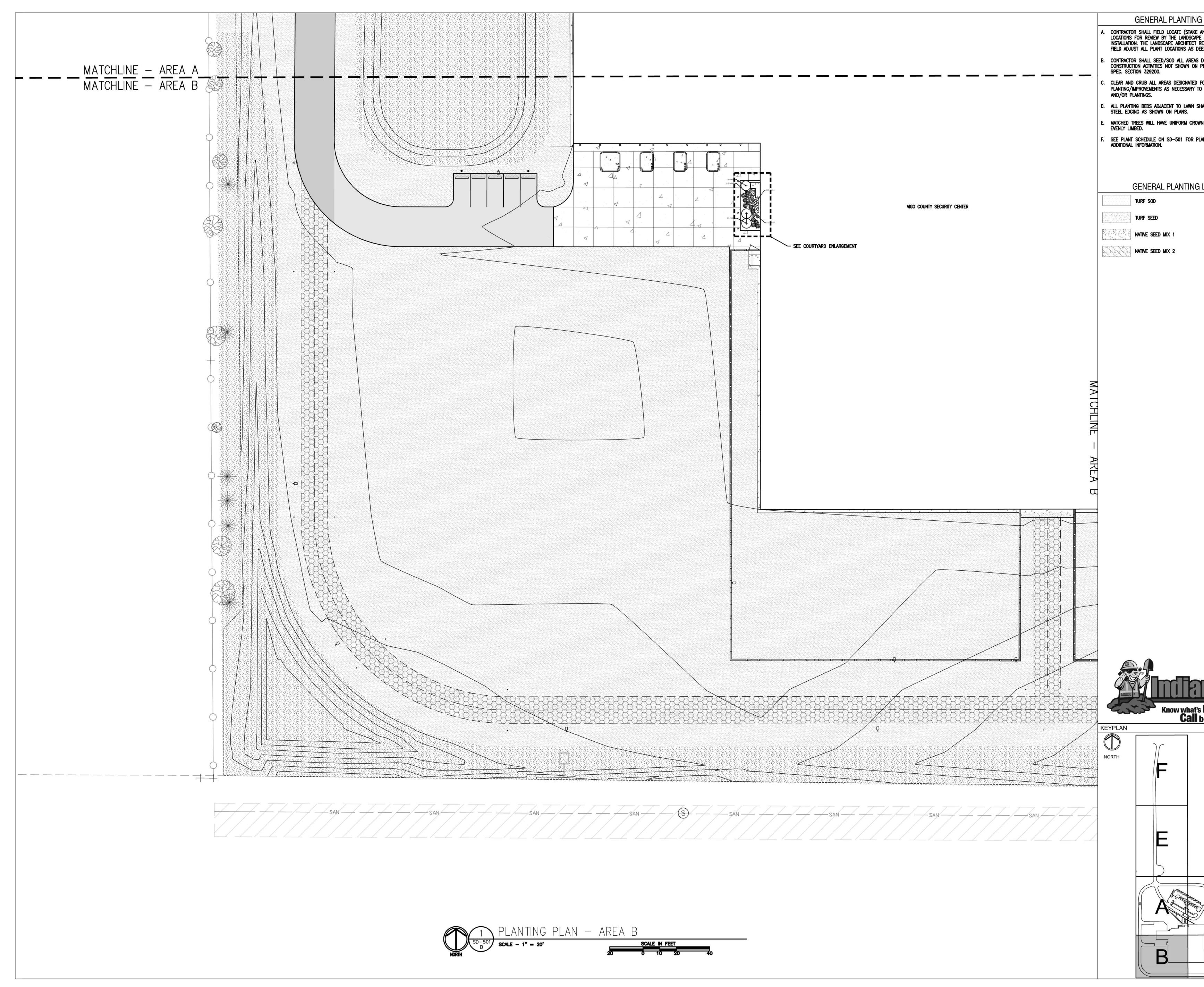
PLANT SCH	EDULE ROADWAY			
TREES	BOTANICAL / COMMON NAME	CONT	CAL	QTY
GLE-S	Gleditsia triacanthos 'Skyline' / Skyline Honey Locust	B & B	2"Cal	10
QUE-P	Quercus palustris / Pin Oak	B & B	2.5"Cal	16
SOD/SEED	BOTANICAL / COMMON NAME	CONT		QTY
TURF-1	Turf Seed / Turf Type Tall Fescue / Bluegrass Blend	BULK		44,587 sf



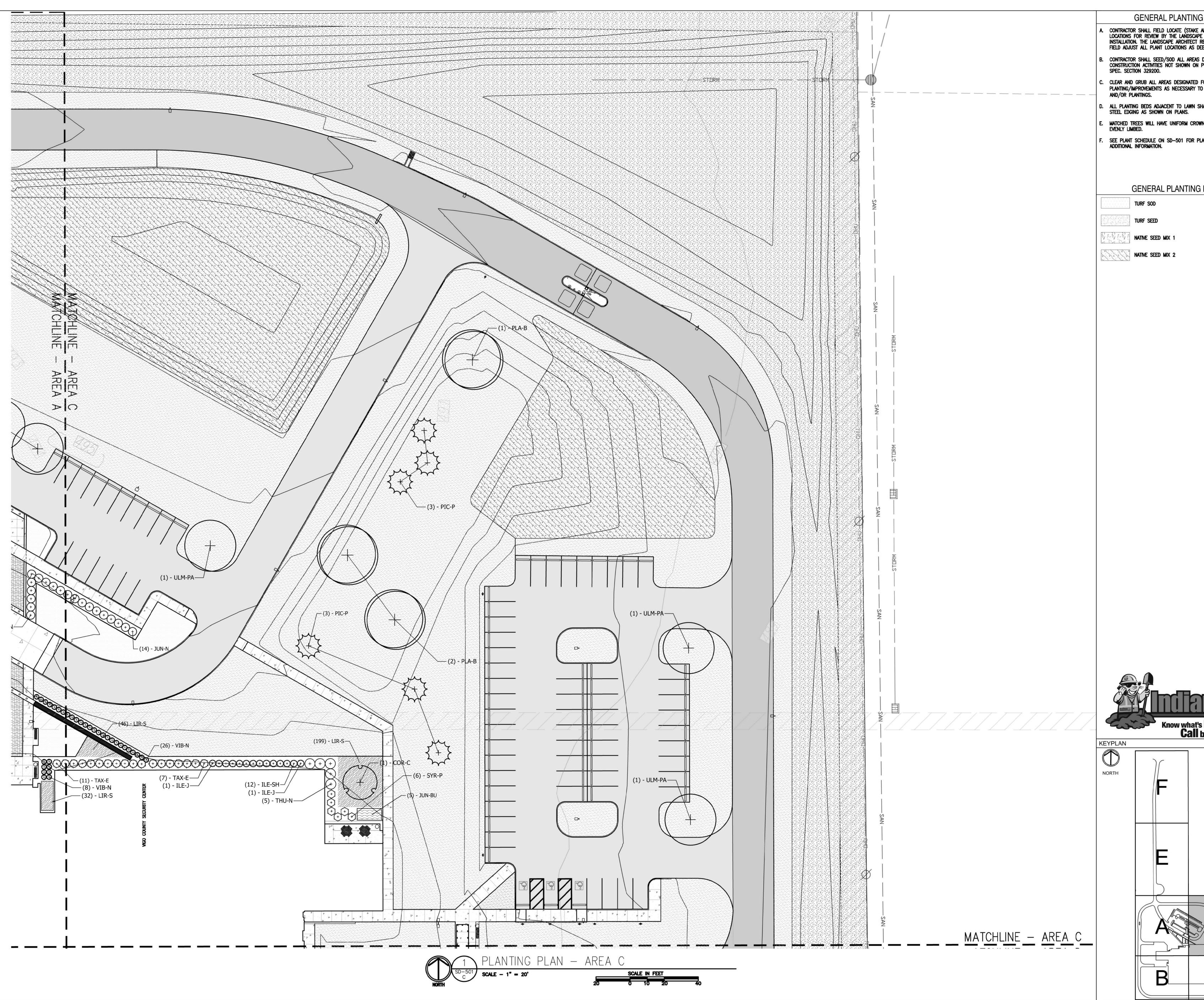




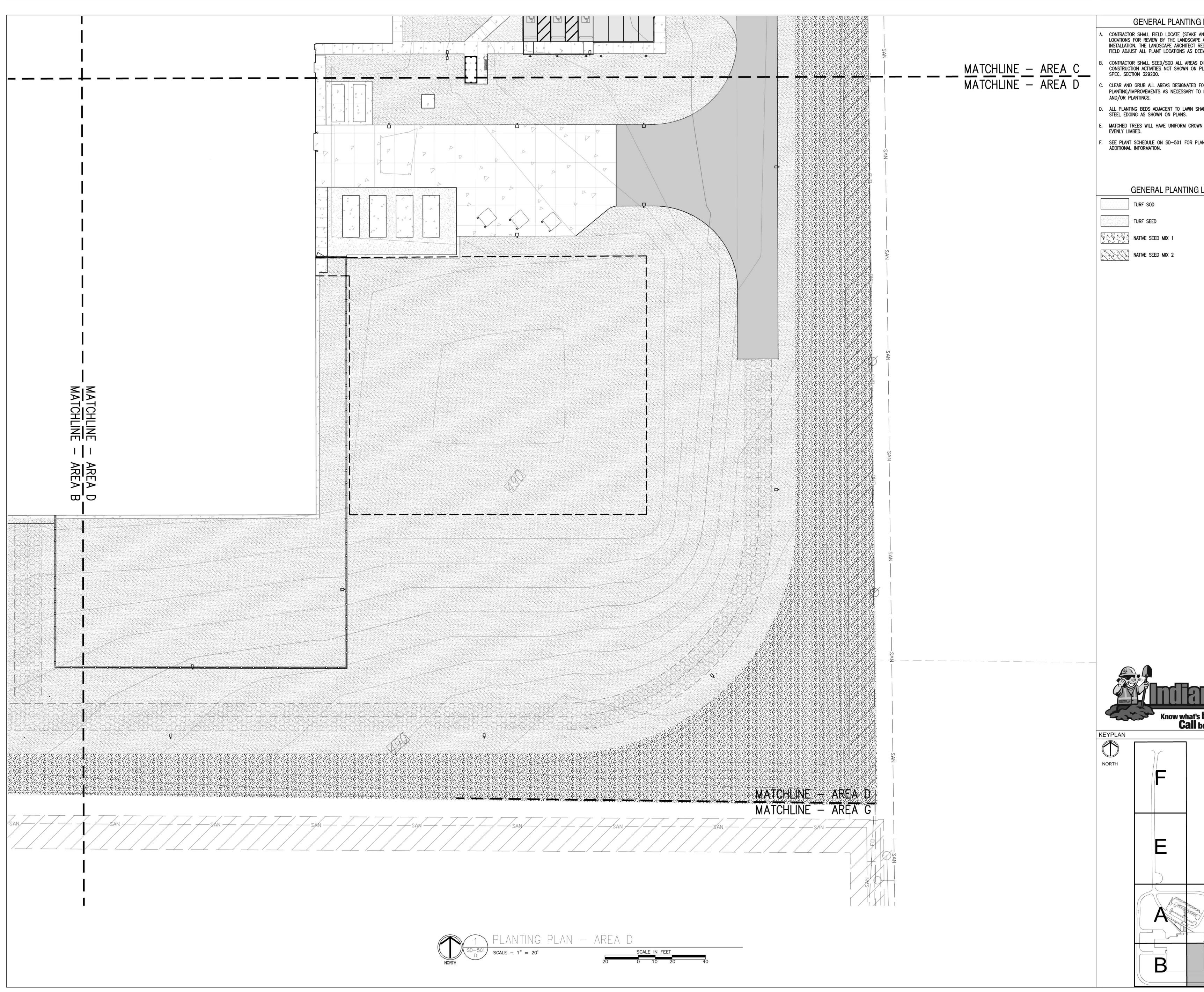
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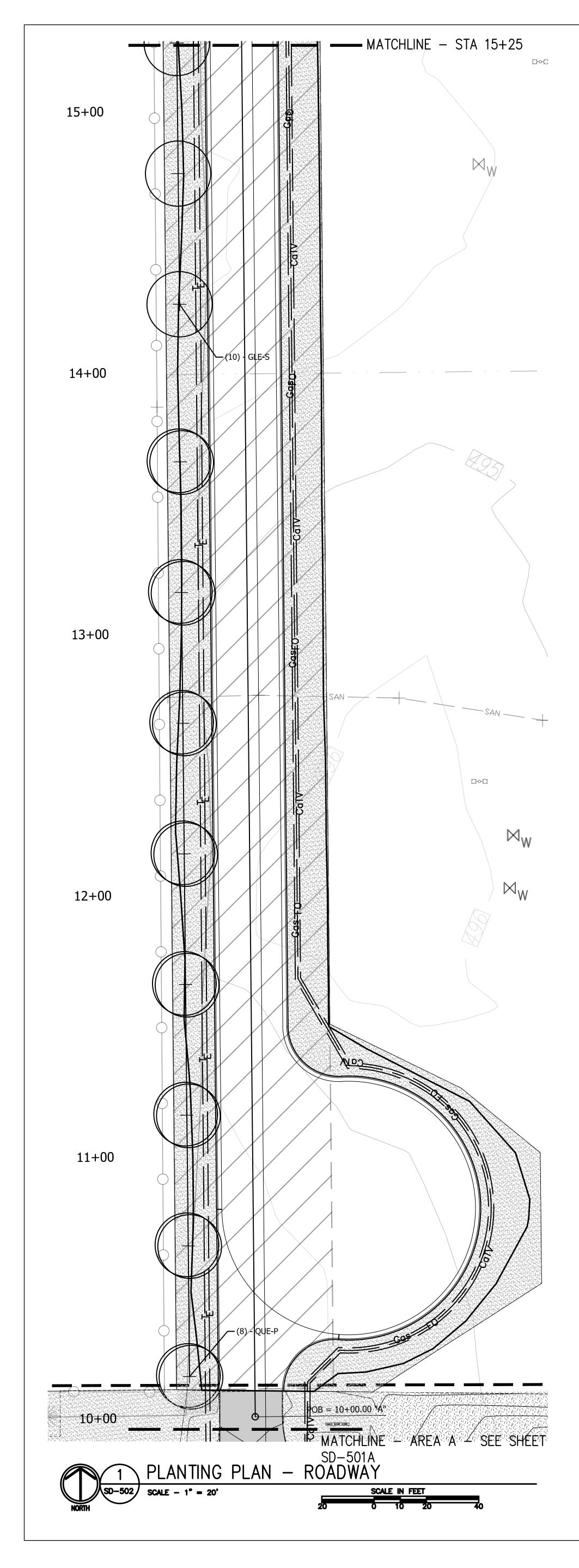
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	BRAWING NUMBER SD-501-B SITE DEVELOPMENT

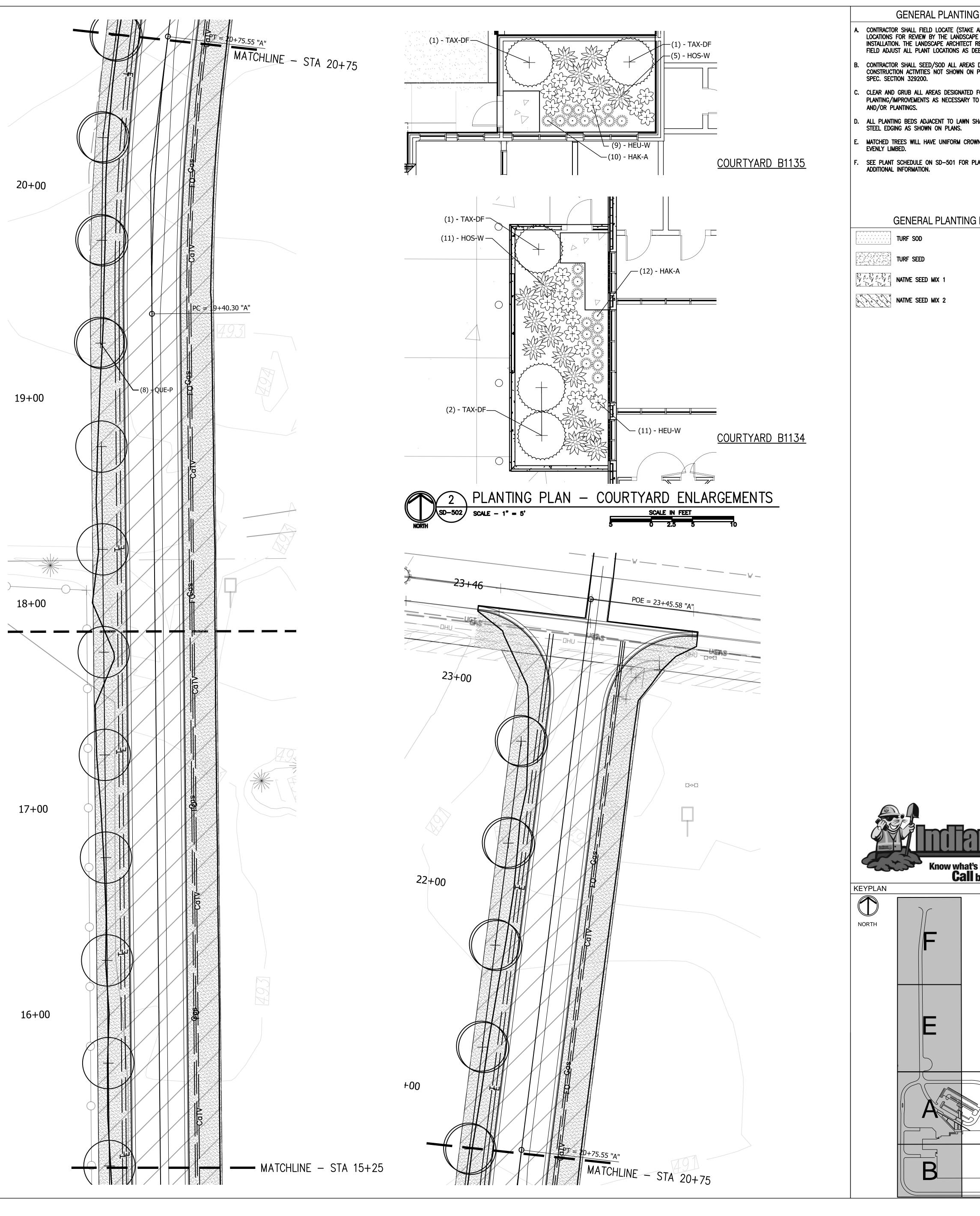


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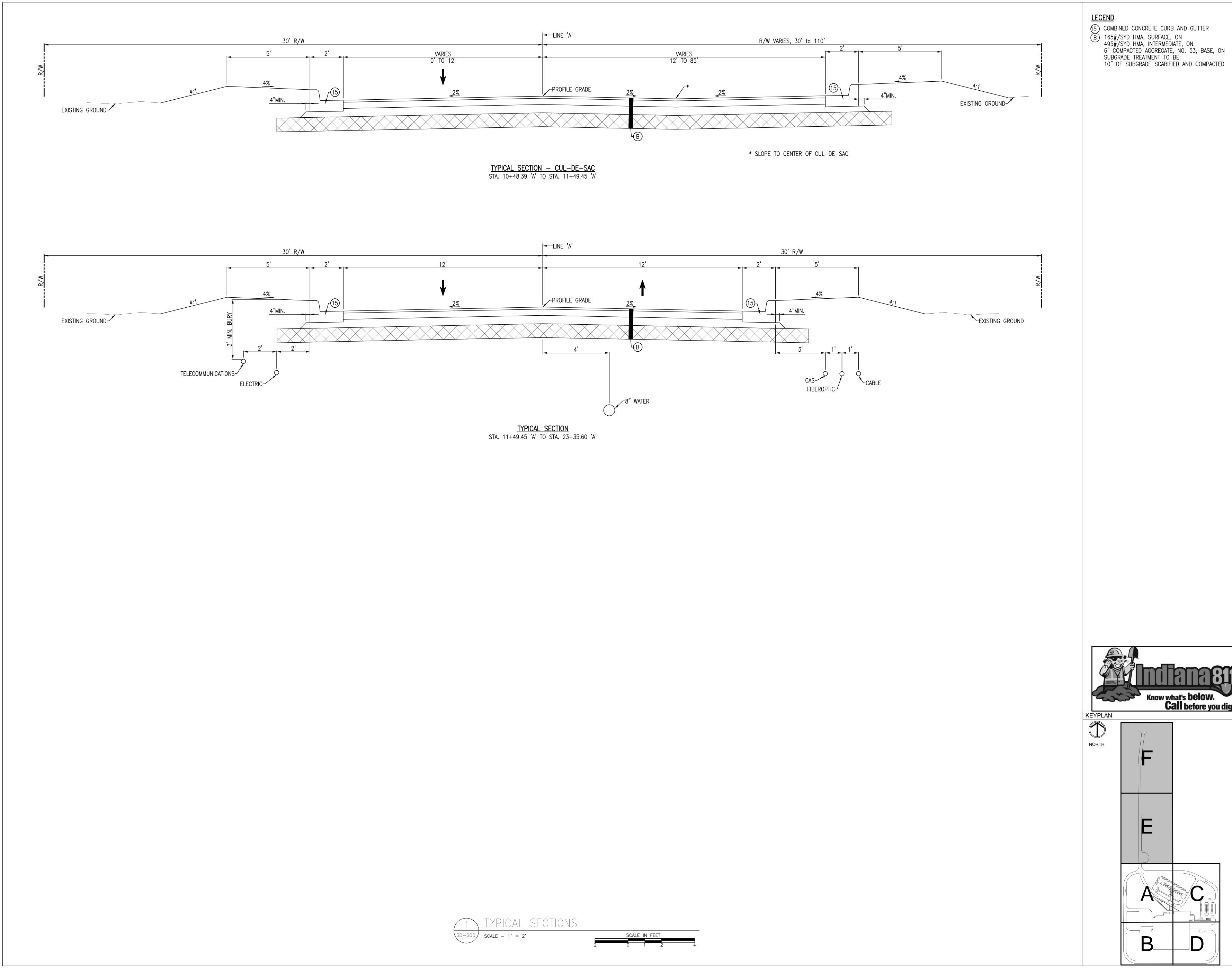


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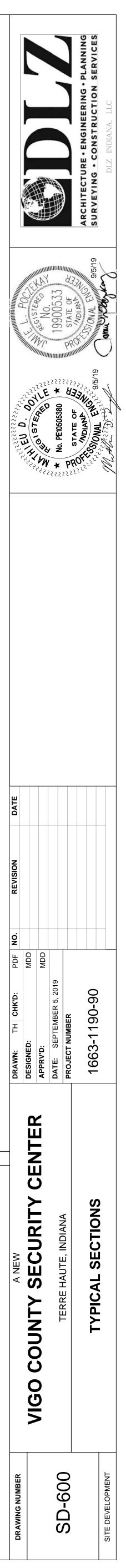




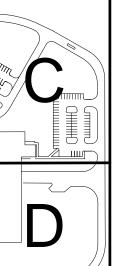
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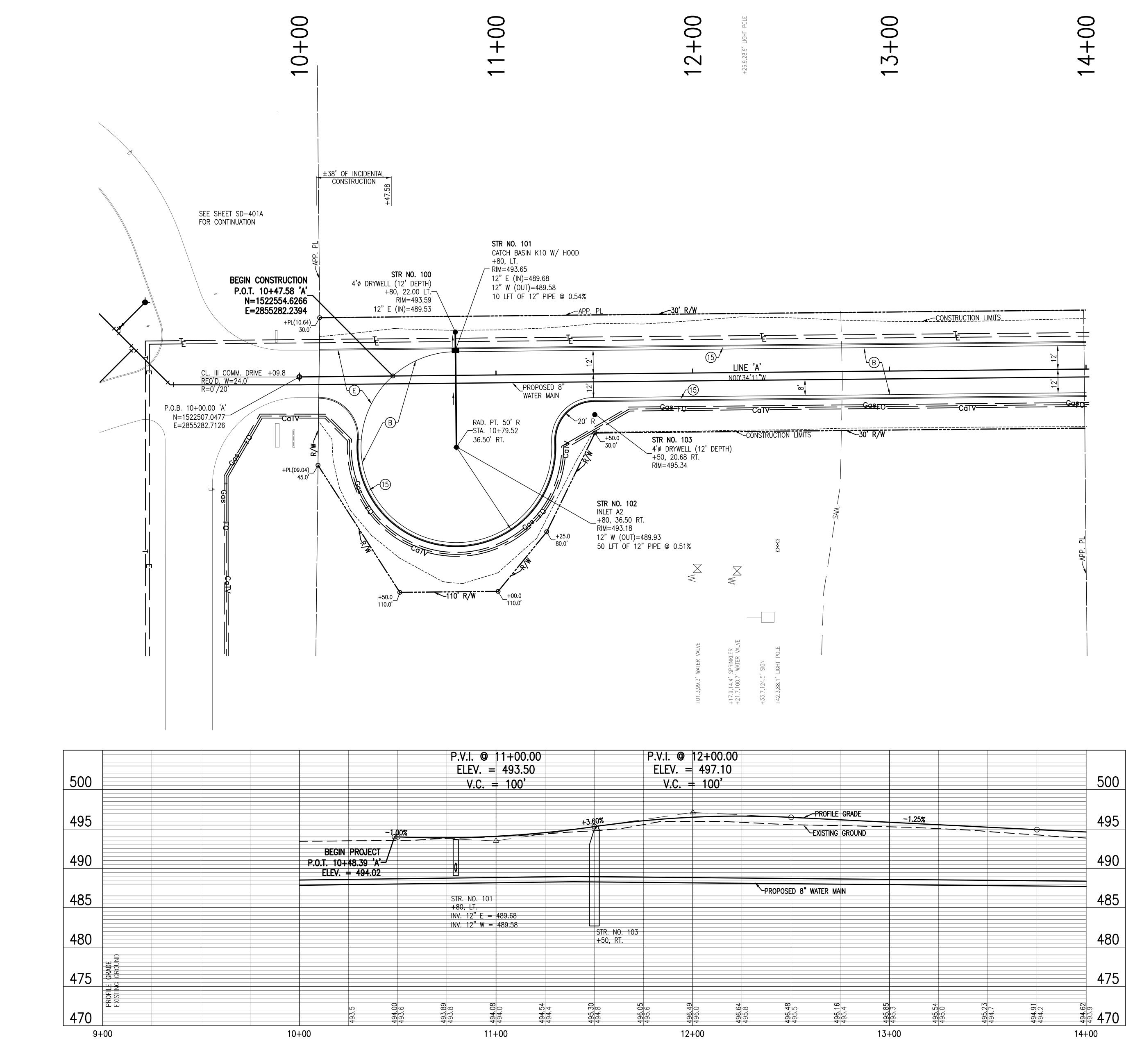


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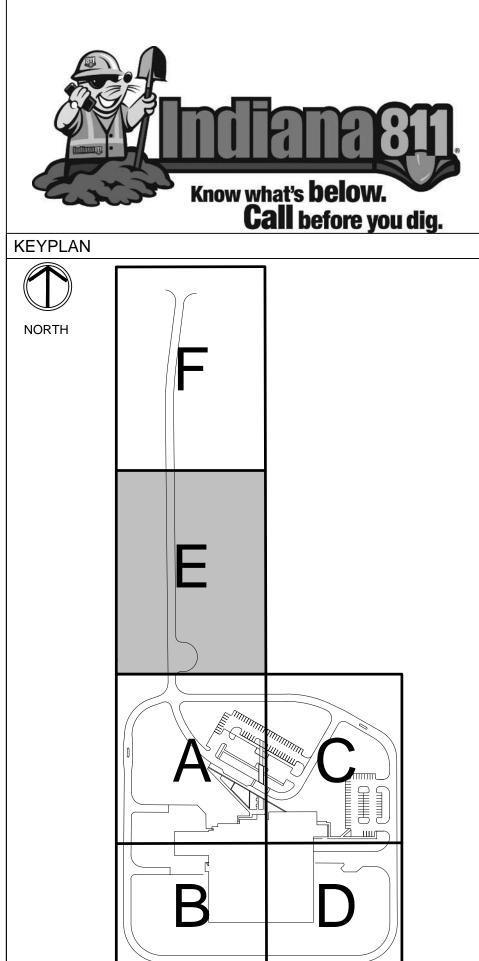


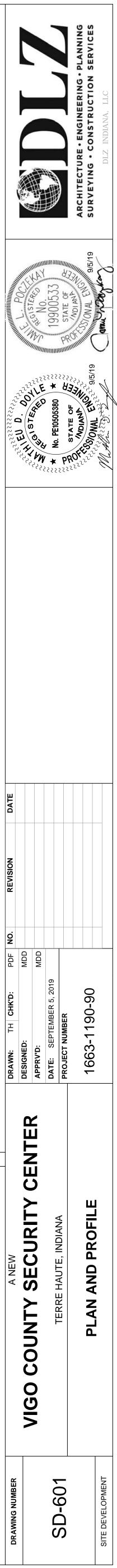
	PLAN AND PROFILE			
SD-601	HORIZ. SCALE -1 " = 20' VERT. SCALE -1 " = 5'		HORIZ. SCALE IN FEET	
NORTH	VERT. SCALL - 1 - 5	20	0 10 20	40
			VERT. SCALE IN FEET	
		5	0 2.5 5	10

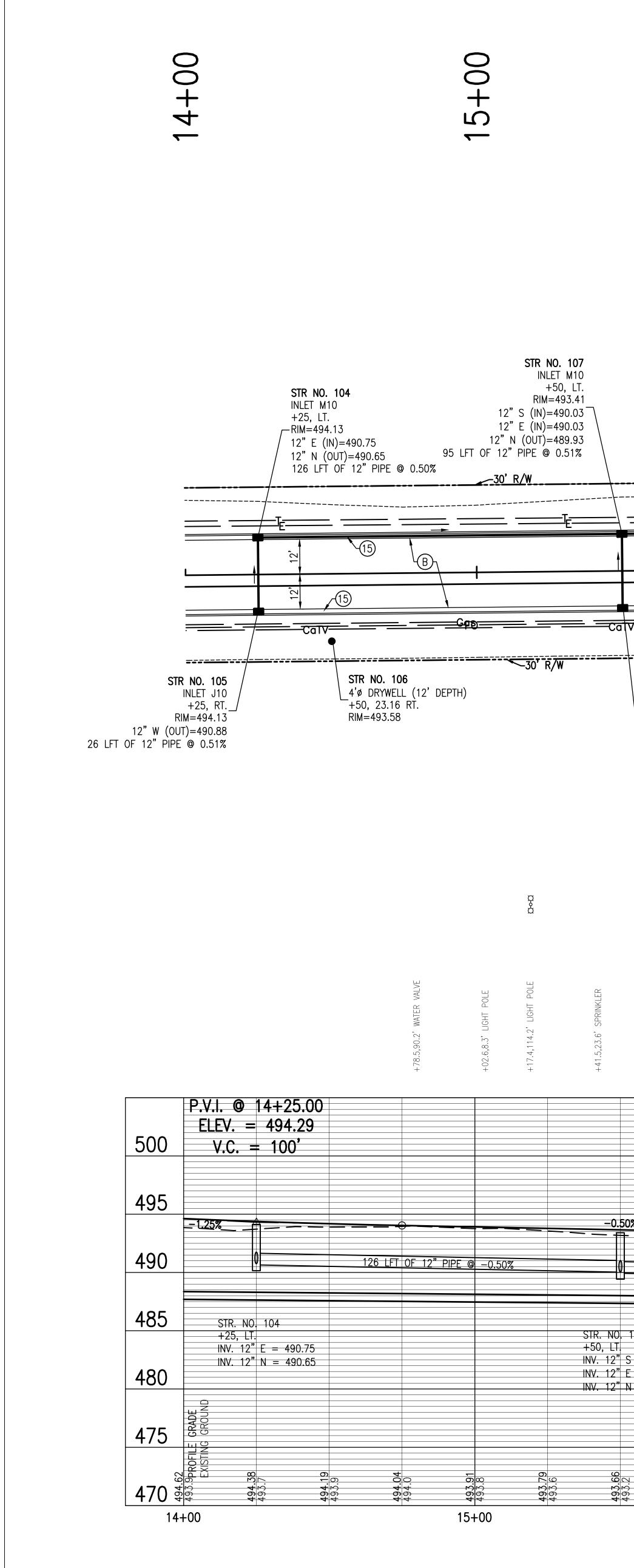
	P.V.I. @ 11+00.0 ELEV. = 493.50 V.C. = 100'		P.V.I. @ 12+00.00 ELEV. = 497.10 V.C. = 100'	Image: selection of the selection
1.00%				PROFILE GRADE
	STR. NO. 101 +80, LT. INV. 12" E = 489.68 INV. 12" W = 489.58	STR. NO. 103 +50, RT.		PROPOSED 8" WATER MAIN
494.0 493.6 6	68 68 68 68 68 68 68 68 68 68	494.54 494.54 495.30 495.30 494.8 05 05	00000000000000000000000000000000000000	8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9



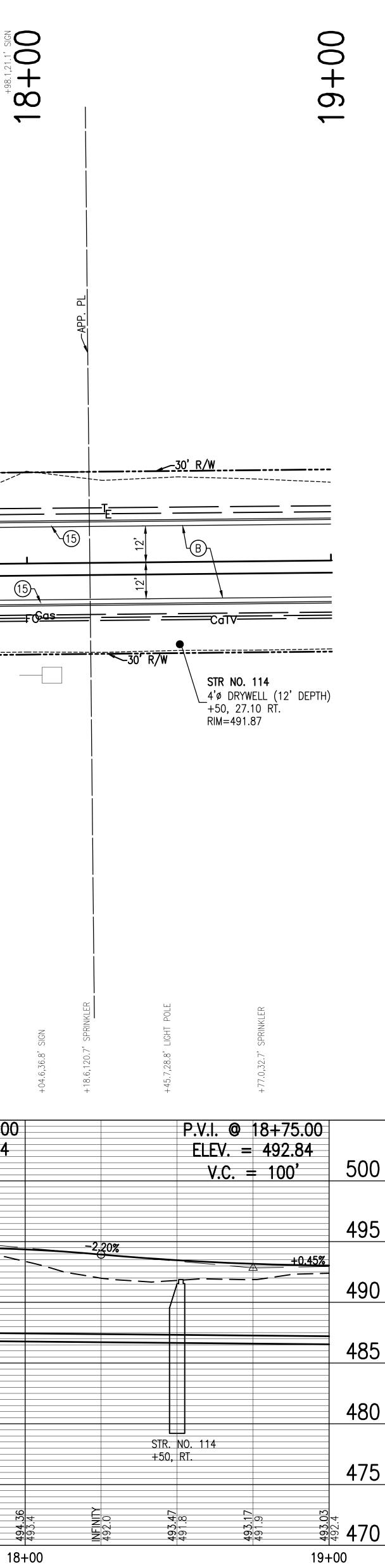
(5) COMBINED CONCRETE CURB AND GUTTER B 165#/SYD HMA, SURFACE, ON 495#/SYD HMA, INTERMEDIATE, ON 6" COMPACTED AGGREGATE, NO. 53, BASE, ON SUBGRADE TREATMENT TO BE: 10" OF SUBGRADE SCARIFIED AND COMPACTED

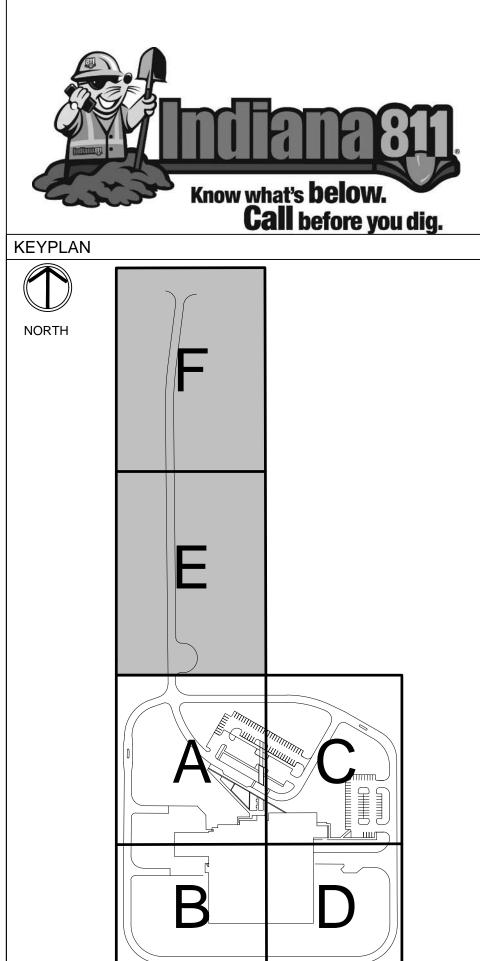






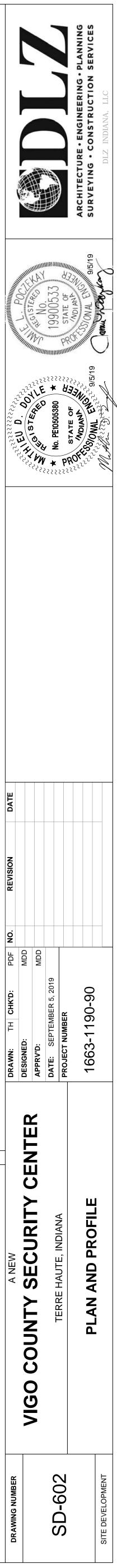
	16+00		17+00			+98.1,21.1 [°] SIGN
-	STR NO. 110 L (12' DEPTH) +30, 22.00 LT. RIM=493.26 N (IN)=489.17 APP. PL	STR NO. 111 4'ø DRYWELL (12' +45, 22.00 LT. RIM=493.48 12" E (IN)=489.40 12" S (OUT)=489.40 15 LFT OF 12" PI STR NO. 112 CATCH BASIN K10 +45, LT. RIM=492.98 12" S (IN)=489.4 12" E (IN)=489.6 12" W (OUT)=489 10 LFT OF 12" F	9 25 PE @ 0.53% W/ HOOD 5 0	RUCTION LIMITS		
				T		
	LINE 'A' N00°.34'11"₩ ℃	PROPOSE WATER M	NN			(15
	JCTION LIMITS		<u>6ps</u>		CaTV	-
+61.2,77.2' SPRINKLER					+58.1,116.4' SPRINKLER	
		P.V.I. @ 16+7 ELEV. = 493 V.C. = 100	04		P.V.I. @ 17 ELEV. = 4 V.C. =	
50% 	PROFILE GRADE EXISTING GROUND			2.00%		
107 S = 490.03 E = 490.03 N = 489.93	+45, INV. 1 INV. 1	NO. 112 LT. 2" S = 489.45 2" E = 489.60 2" W = 489.45	-PROPO	SED 8" WATER	MAIN	
49 49 49 40 3.2 49 3.2 40 3.2 40 3.2 40 3.2 40 5.2 40 5.2 40 5.2 40 5.2 40 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	16+00	493.24 493.35 492.5 492.5 492.5	07 07 07 07 07 07 07 07 07 07 07 07 07 0	492.8	494.5 494.51 494.0	9 <u>9.</u> 767 18+
		AND PROFILE $CALE - 1" = 20'$ $ALE - 1" = 5'$	20 0	CALE IN FEET 10 20 CALE IN FEET 2.5 5	40 10	

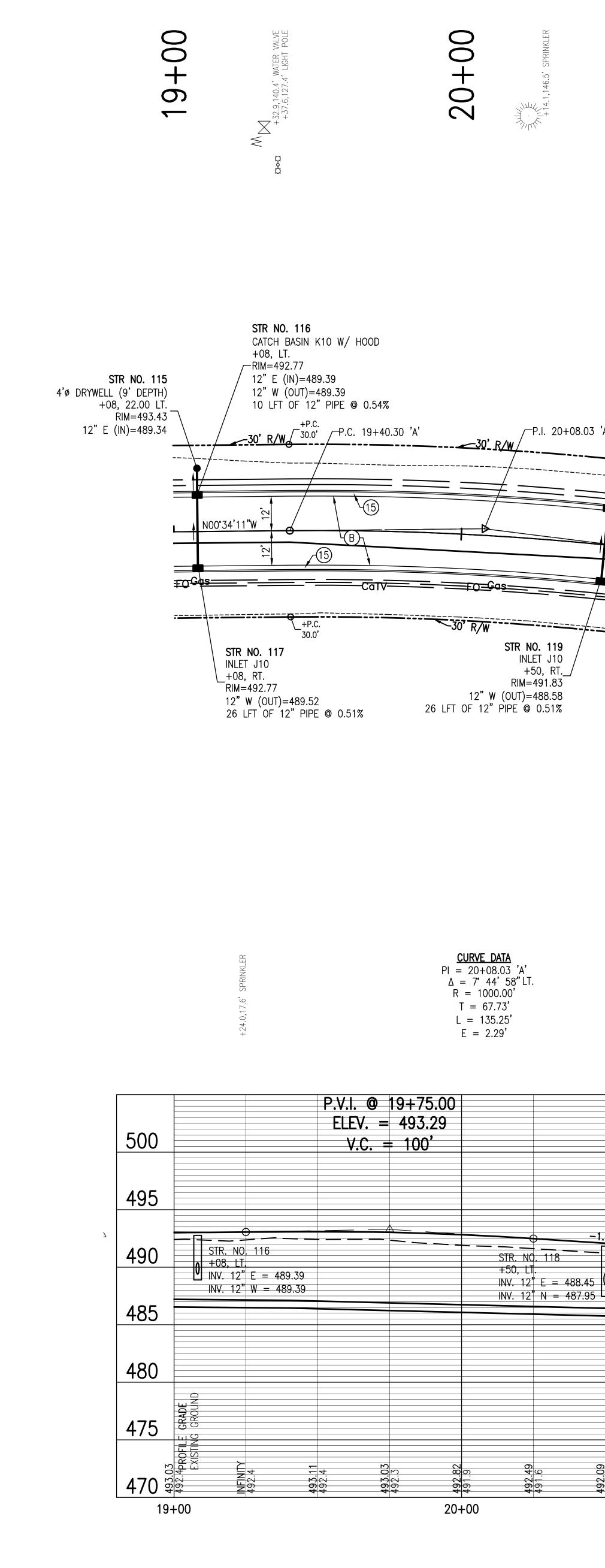




<u>LEGEND</u>

(5) COMBINED CONCRETE CURB AND GUTTER B 165#/SYD HMA, SURFACE, ON 495#/SYD HMA, INTERMEDIATE, ON 6" COMPACTED AGGREGATE, NO. 53, BASE, ON SUBGRADE TREATMENT TO BE: 10" OF SUBGRADE SCARIFIED AND COMPACTED





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	a a					
STR NO. 118 INLET M10	STR NO. 121 4'ø DRYWELL (16' DEPTH)	STR NO. 12	2			
+50, LT. 	+51, LT. RIM=488.31	CATCH BASIN +51, LT.	K10 W/ HOOD			
12"E (IN)=48 12"N (OUT)= 3 'A' 102 LFT OF 1		RIM=490.82 	487.44	c	STR NO. 124	
+P.T.	P.T. 20+75.55 'A'	12" E (IN) = 12" N (IN) = 12"	487.28	 -	NLET M10 ⊦35, LT.	
		12" W (OUT) 10 LFT OF	12" PIPE @ 6.72%	/ 1	RIM=491.18 2"E (IN)=487.80	
	<u> </u>		<u>-30' R/W</u>		2"S (OUT)=487.70 34 LFT OF 12"PIPE	@ 0.50%
						+00.0
	ĩω	LINE 'A' NO7'10'46"F				
			_PROPOSED 8"		B	15
+P.T. /			WATER MAIN	12,		
+P.T/ 30.0' S'	TR NO. 120	CONSTRUCTION				15
4'ø DRYWELL (DIM = 400.39	CONSTRUCTION LIMITS	30' R/W			
	STR NO. 123 INLET J10 +51, RT/		STR NO. 125 INLET J10			+00.0 30.0' P/W-
	RIM=490.82 12" W (OUT)=487.57	10"	+35, RT/ RIM=491.18 W (OUT)=487.93			30.0' R/W 40' +PL(15.
20	6 LFT OF 12" PIPE @ 0.51%	26 LFT OF 12	2" PIPE @ 0.51%			4
					à	
					T POLE	
				0, SIGN	0' LIGHT	
				+44.5,60.0'	+61.9,60.0'	
				7+	+	
	P.V.I. @ 21+25.00				P.V.I. @	22+85
	ELEV. = 490.89				ELEV.	= 491.
	V.C. = 100'				V.C.	= 100
-1.60%						
	PROFILE GRADE		- +0.50%			
0 102 LFT 0	EXISTING GROUND F 12" PIPE @ -0.50%	0 84 LFT OF 12"	PIPE @ +0.50%	0		
PROPOSED 8" WATE	R MAIN-	STR. NO. 122 +51, LT.		STR. NO. 124 +35, LT.	4	
		INV. 12" S = 487.44 INV. 12" E = 487.44		INV. 12" E = INV. 12" S =		
		INV. 12" N = 487.28 INV. 12" W = 487.18				
492.09 491.6 491.6 491.6 69	490.5 490.75 490.75 490.75	49 49 49 49 49 1 1 1 1 1 1 1 1	491.26 491.39 491.39		49 49 1.04 493.1 1.04 1.04 492.5 1.03 1.04	С С С
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	21+00		22+00			23
		AND PROFILE				
	NORTH SD-603 HORIZ. SCALE	-1" = 20' -1" = 5'	HORIZ. SCAL		40	
			VERT. SCAL 5 0 2.	E IN FEET 5 5	10	

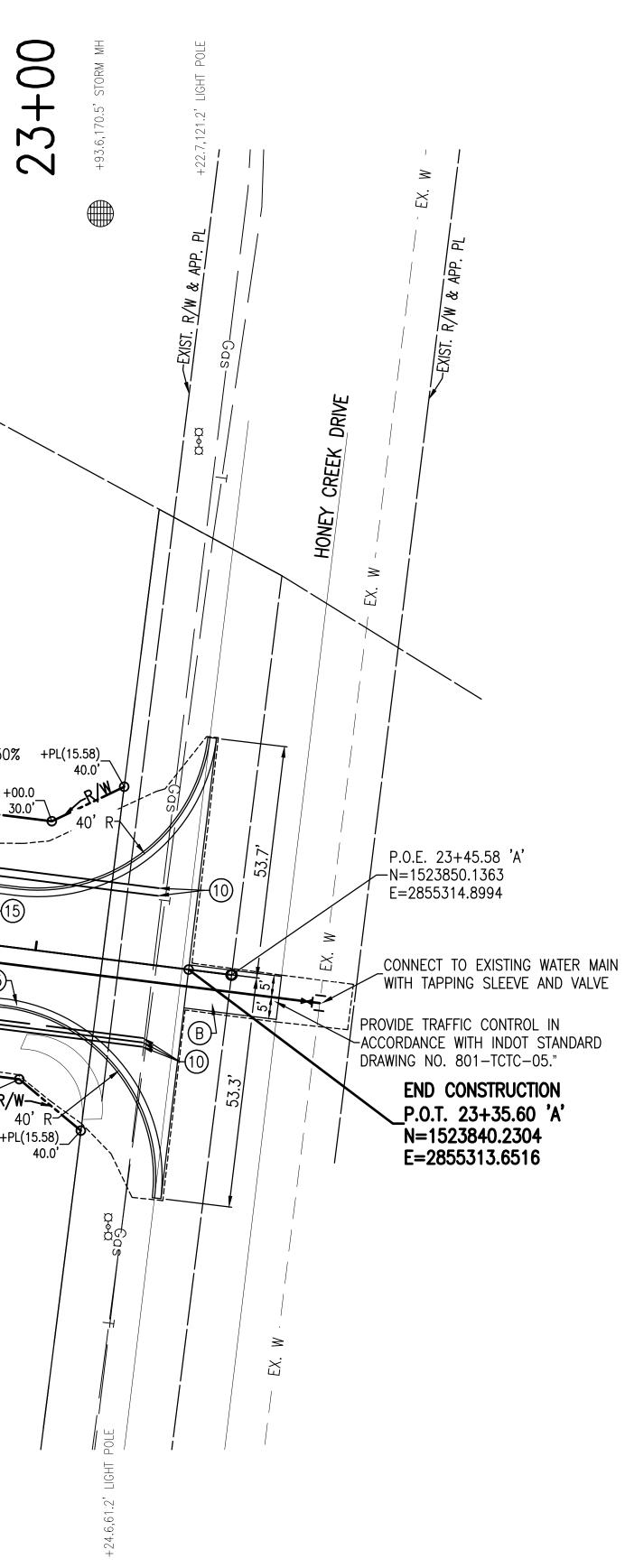
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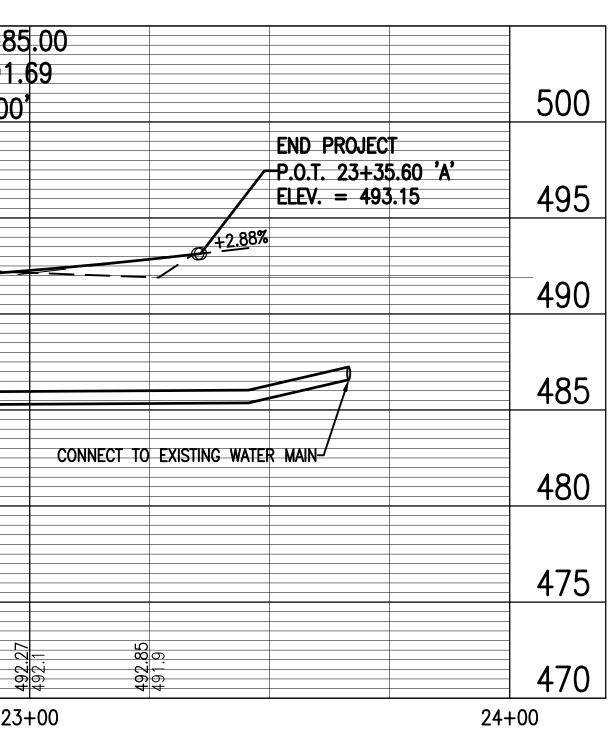
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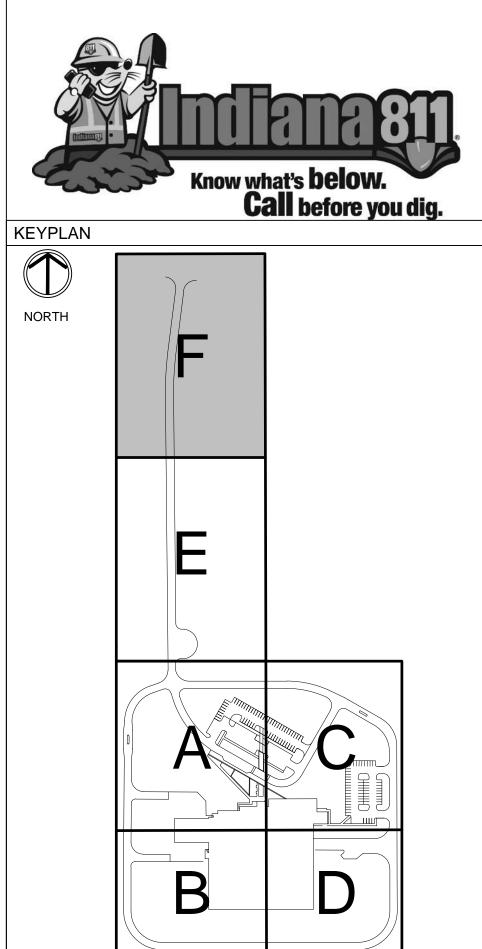
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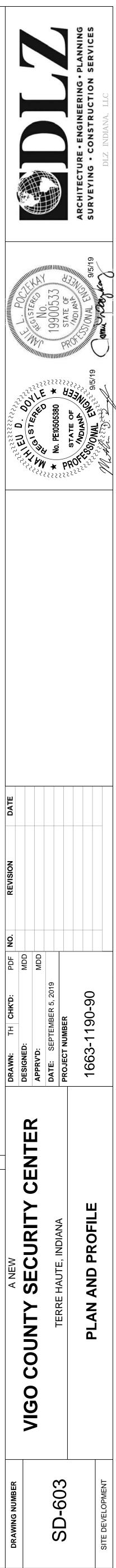


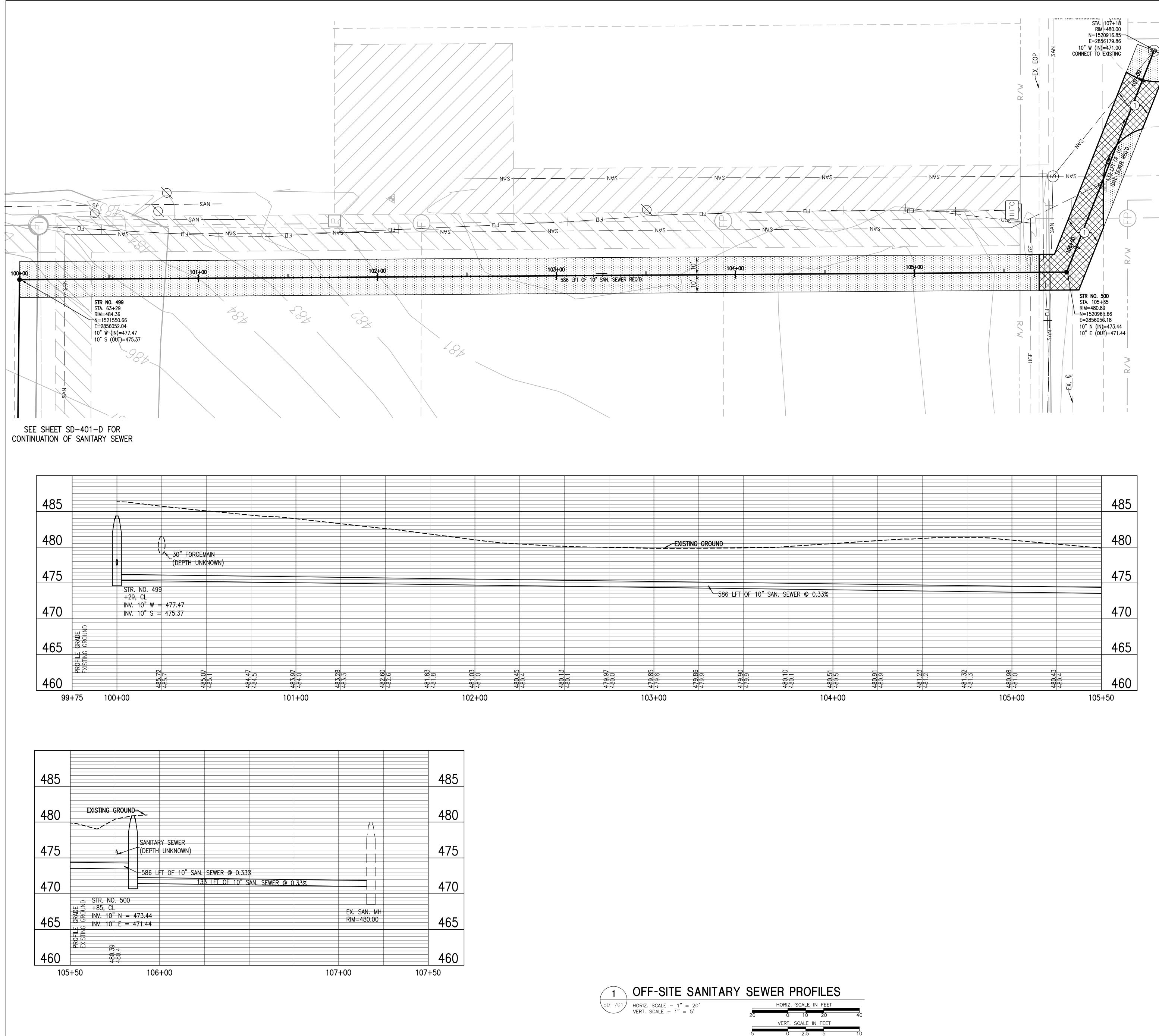


<u>LEGEND</u>

(10) COORDINATE WITH UTILITY COMPAI (5) COMBINED CONCRETE CURB AND B 165#/SYD HMA, SURFACE, ON 495#/SYD HMA, INTERMEDIATE, ON 6" COMPACTED AGGREGATE, NO. 53, BASE, ON SUBGRADE TREATMENT TO BE: 10" OF SUBGRADE SCARIFIED AND COMPACTED

ANIES	S FOR	CONNECTION
ND G	UTTEF	R



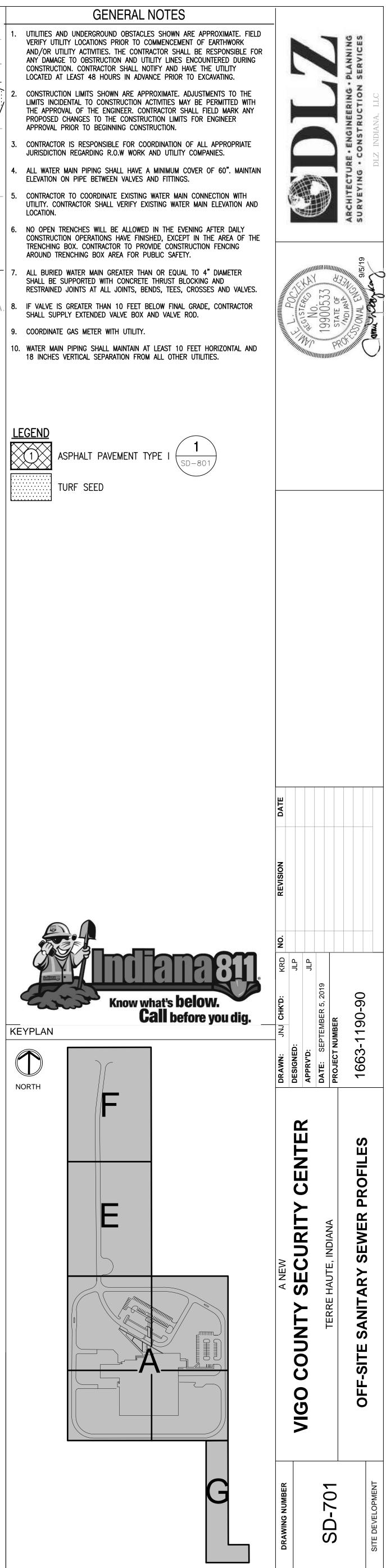


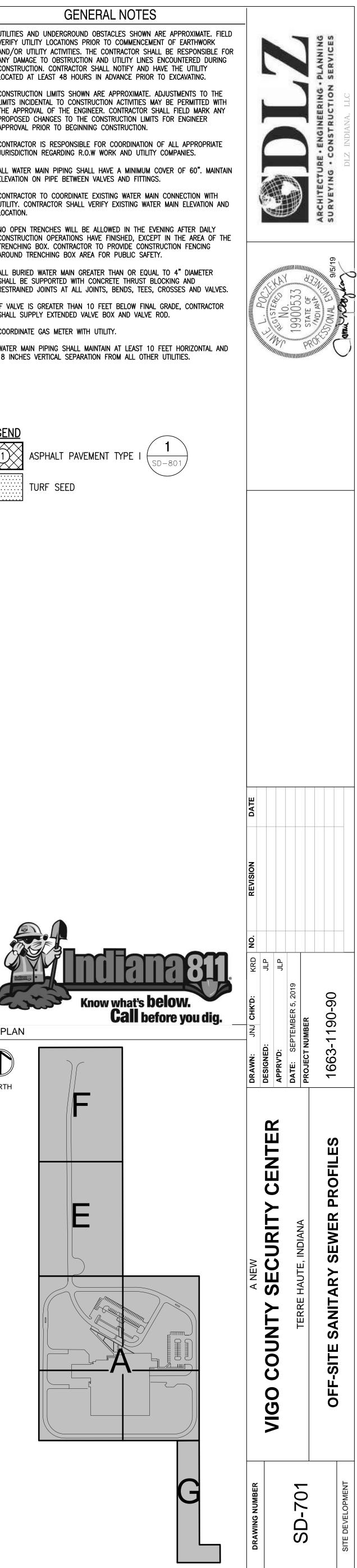
$\sqrt{SD-7}$	01/ HORIZ	Z. SCALE – 1" . SCALE – 1" =	= 20'		HORIZ.	SCALE	IN	FEE
	VERT.	. SCALE – 1" =	= 5'	20	0	10		20
					VERT.	SCALE	IN	FEE
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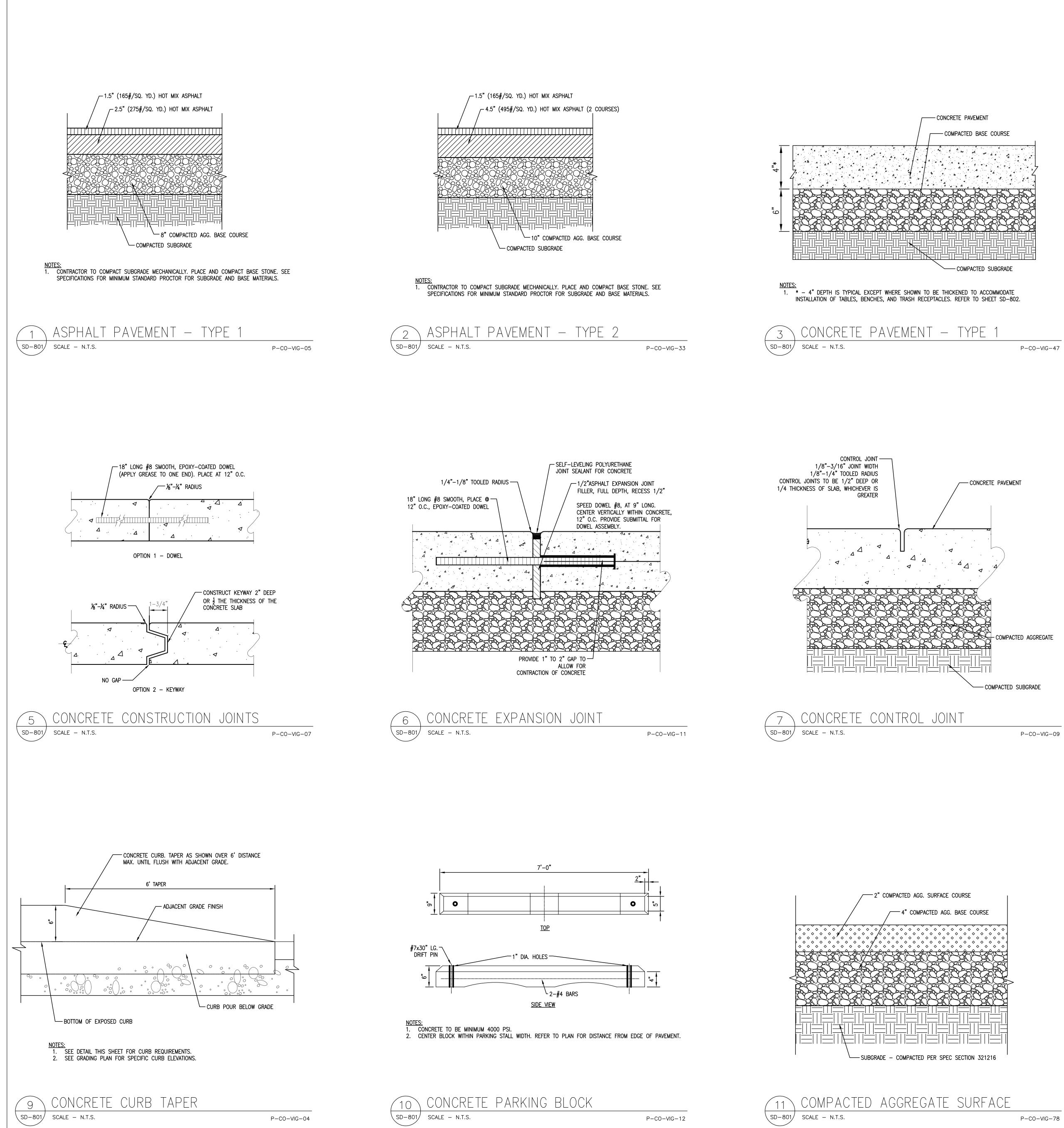


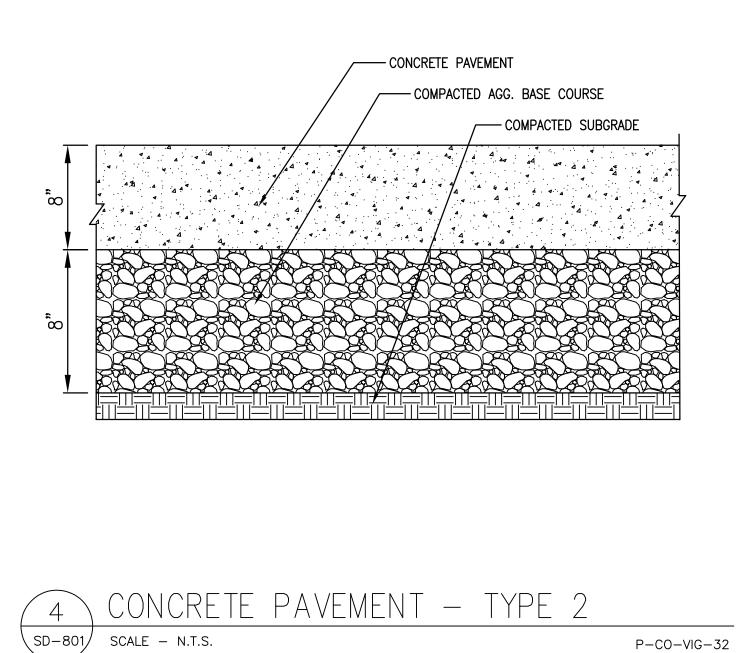
<u>LEGEND</u>

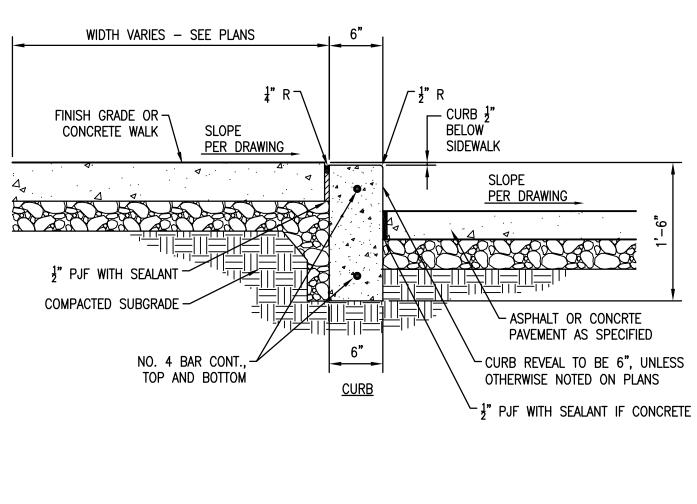
TURF SEED



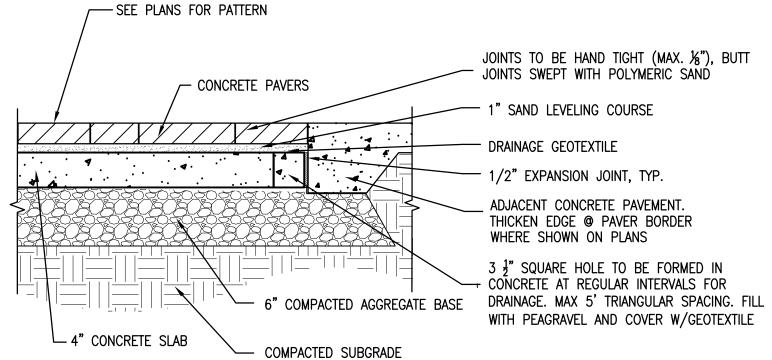












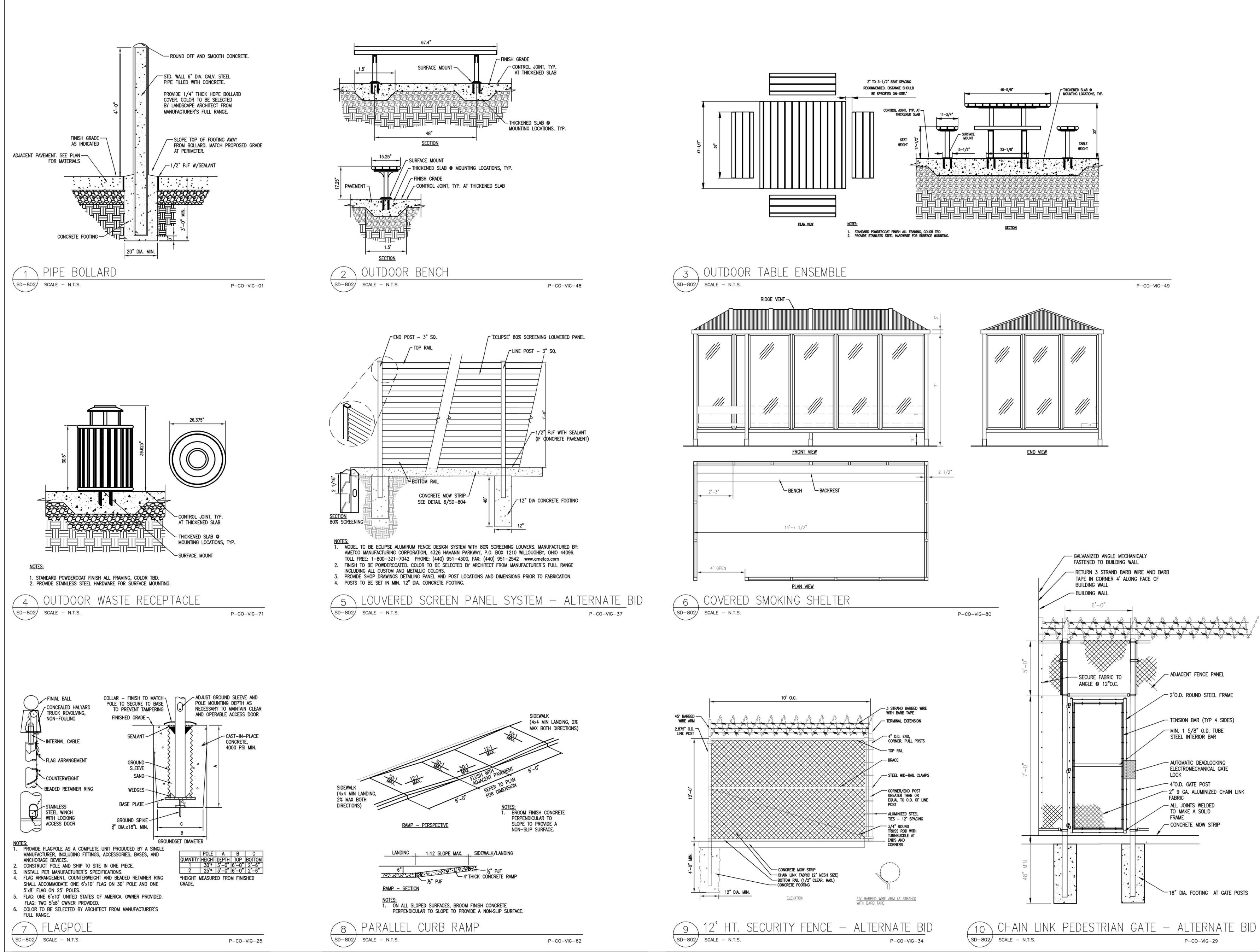


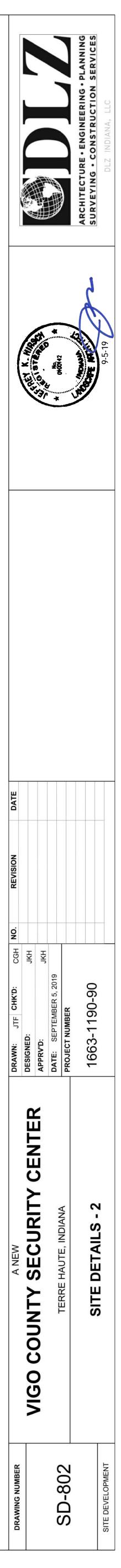
 $3\frac{1}{2}$ " SQUARE HOLE TO BE FORMED IN + CONCRETE AT REGULAR INTERVALS FOR WITH PEAGRAVEL AND COVER W/GEOTEXTILE

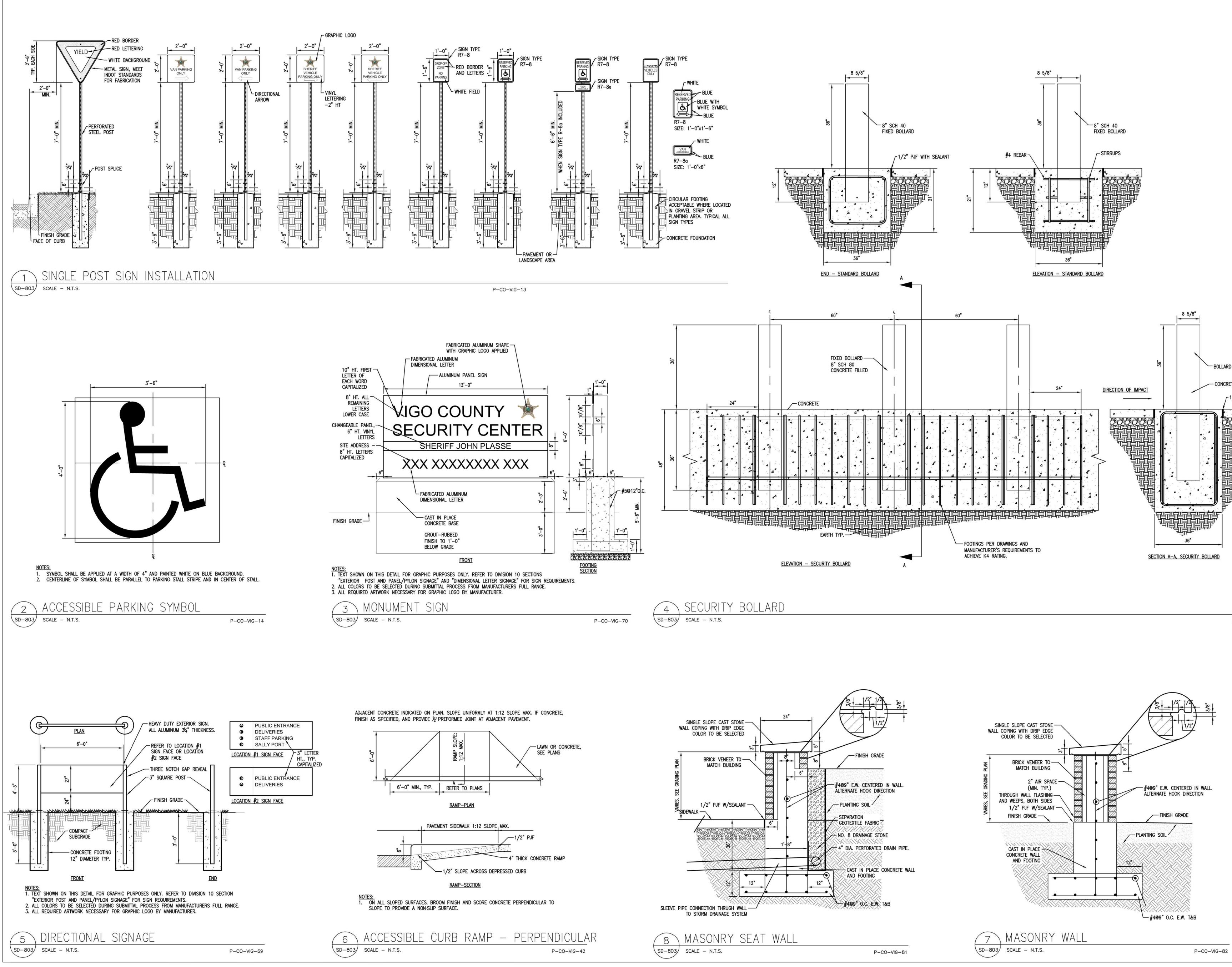
12 $\left(SD-801 \right)$ SCALE - N.T.S.

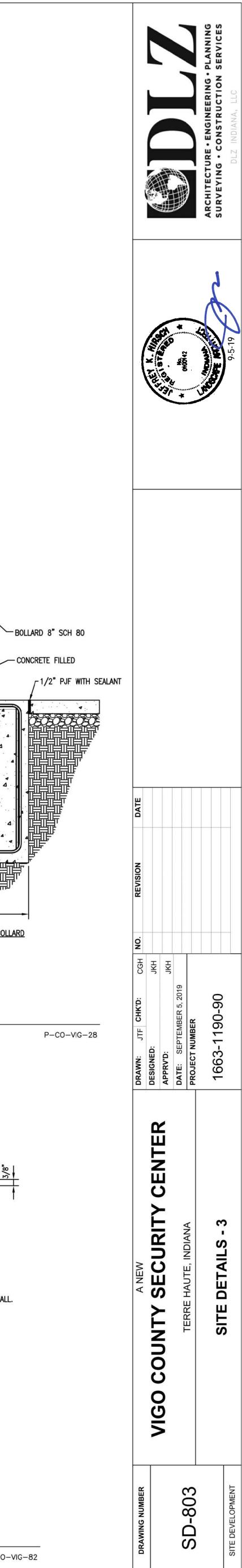
P-CO-VIG-24

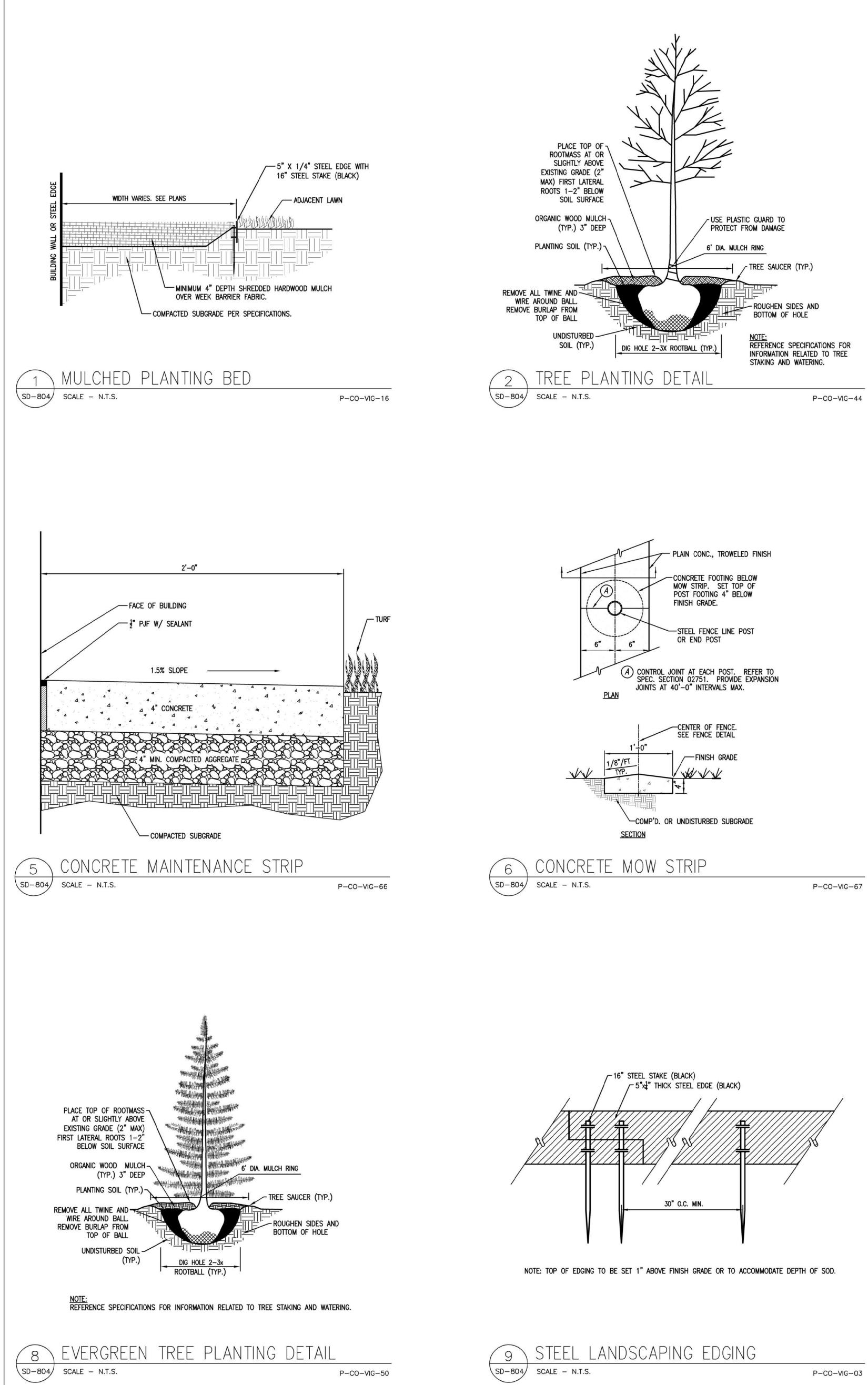
DRAWING NUMBER	A NEW	JTF CHK'D: (
	VIGO COUNTY SECURITY CENTER	DESIGNED: JKH APPRV'D: JKH	To a set of the	
		DATE: SEPTEMBER 5, 2019		
SD-801	IEKKE HAUTE, INDIANA	PROJECT NUMBER		
		1663-1190-90	A CONTRACT OF A	ARCHITECTURE • ENGINEERING • PLANNING SURVEYING • CONSTRUCTION SERVICES
SITE DEVELOPMENT			9-5-19	DLZ INDIANA, LLC

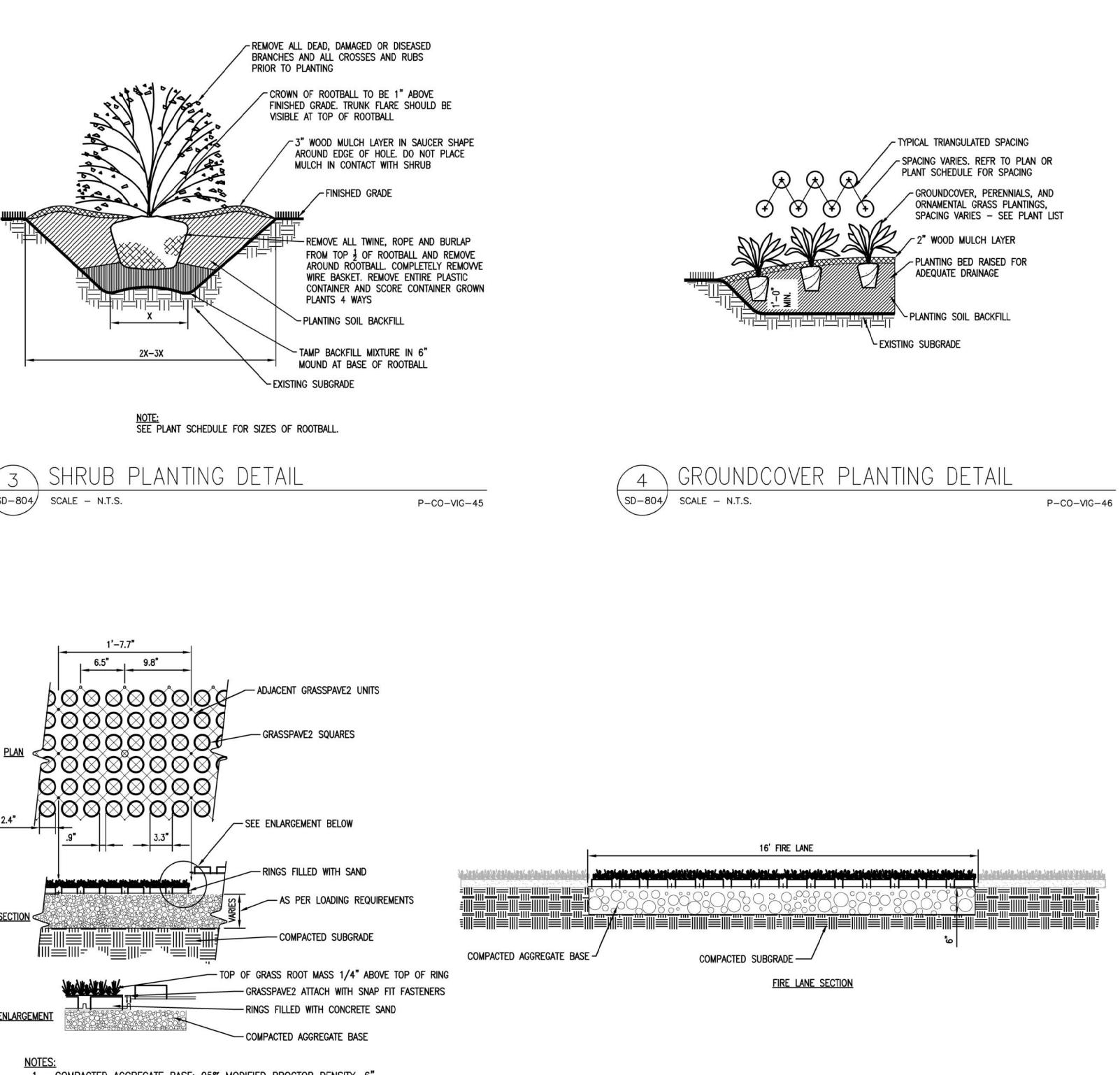


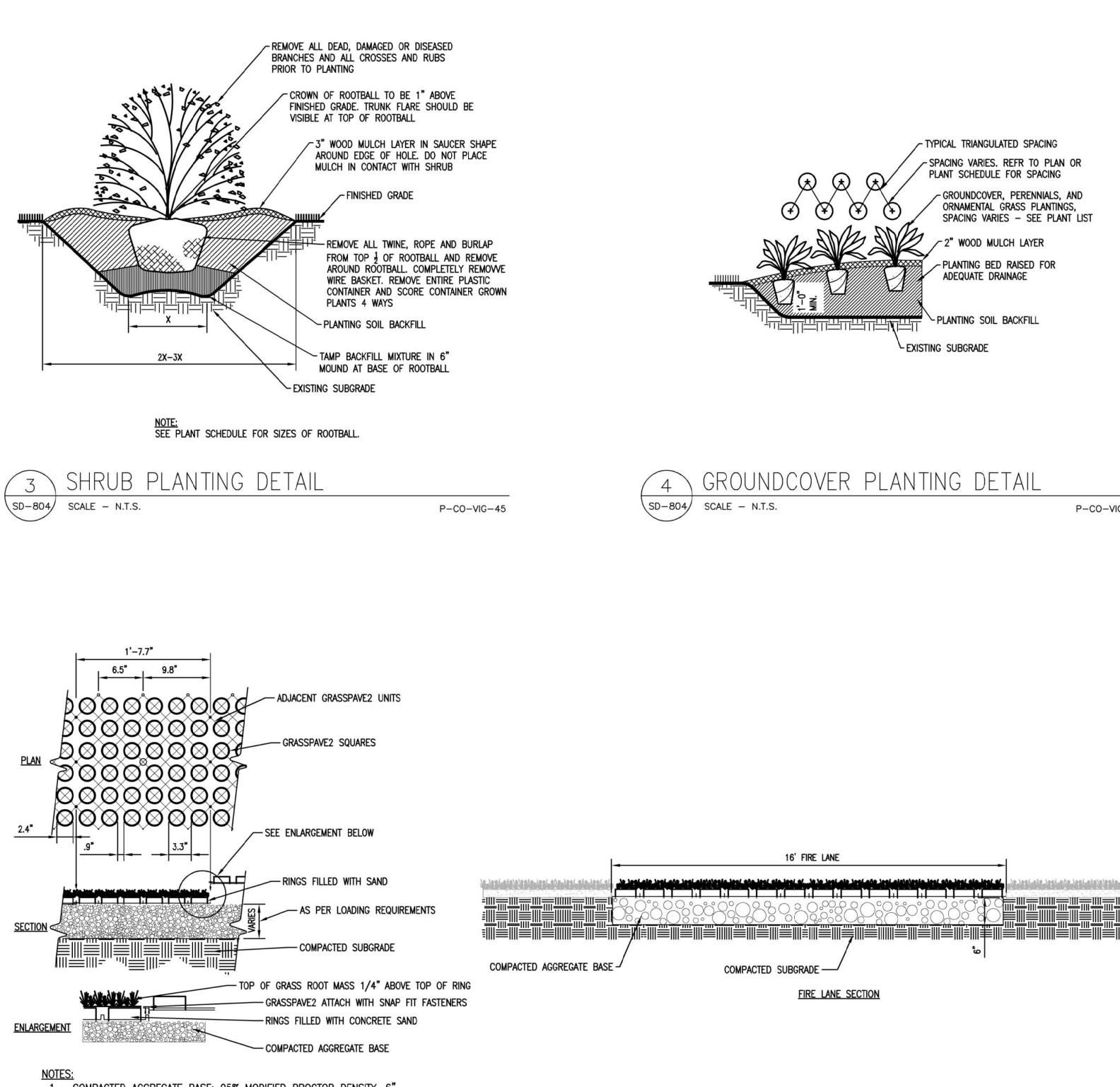


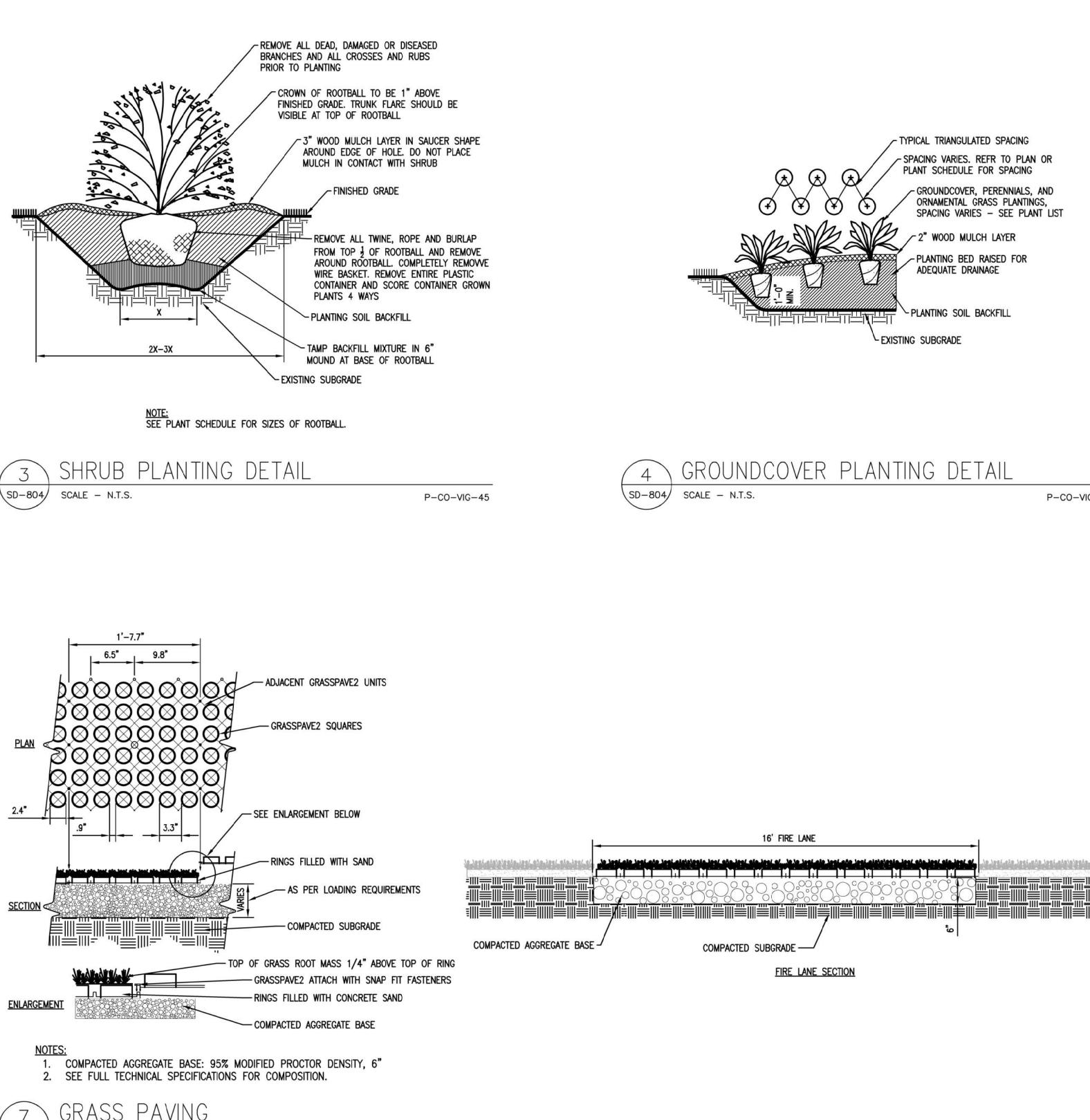




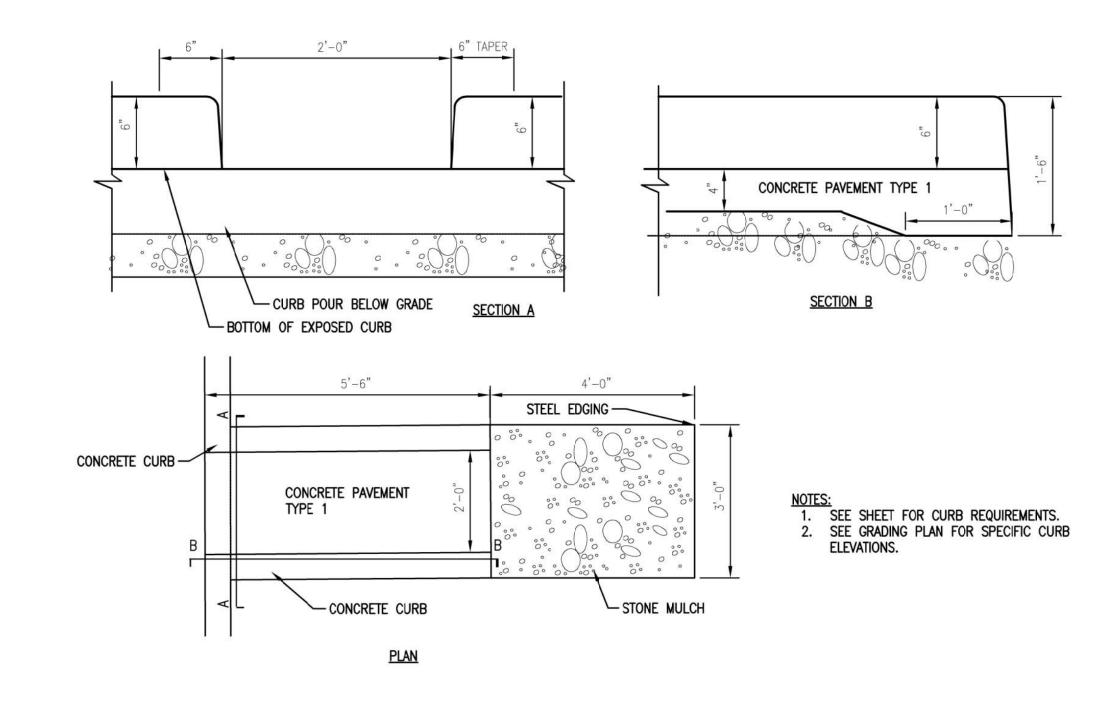












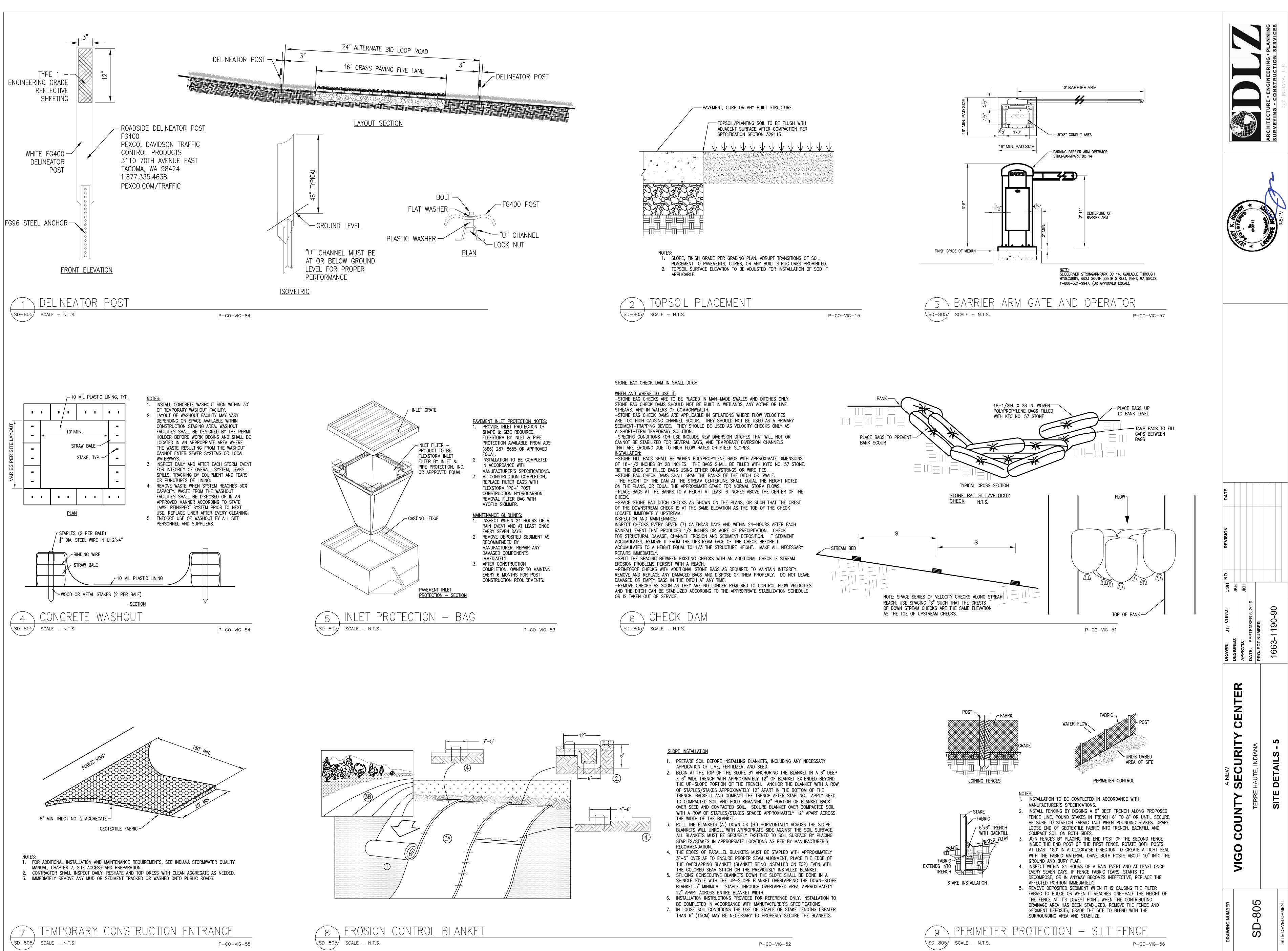
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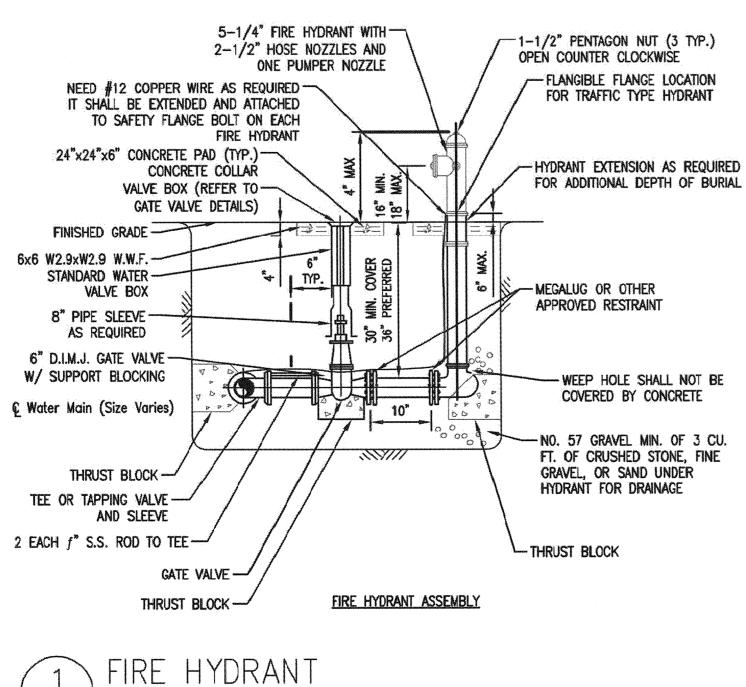
CONCRETE CURB TURN OUT 10SD-804 SCALE - N.T.S.

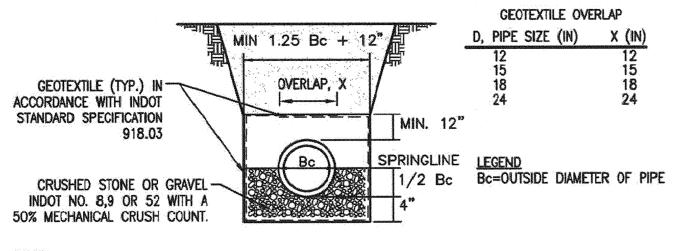
P-CO-VIG-79

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					ARCHITECTURE · ENGINEERING · PLANNING SURVEYING · CONSTRUCTION SERVICES	9-5-19 C
DRAWN: JTF CHK'D: CGH NO. REVISION DATE	DESIGNED: JKH JKH	APPRV'D: JKH	DATE: SEPTEMBER 5, 2019	PROJECT NUMBER	1663-1190-90	
A NEW DR						
DRAWING NUMBER				ND-804		SITE DEVELOPMENT







NOTES: 1. ALL BEDDING AND INITIAL BACKFILL SHALL BE INSTALLED IN 4" TO 6" BALANCED LIFTS AND MECHANICALLY TAMPED.

2. BEDDING MATERIAL SHALL BE HAND PLACED AROUND THE HAUNCH AND SIDES OF THE PIPE TO ENSURE PROPER COMPACTION AND COMPLETE FILLING OF ALL VOIDS.

SD-806/ SCALE - N.T.S.

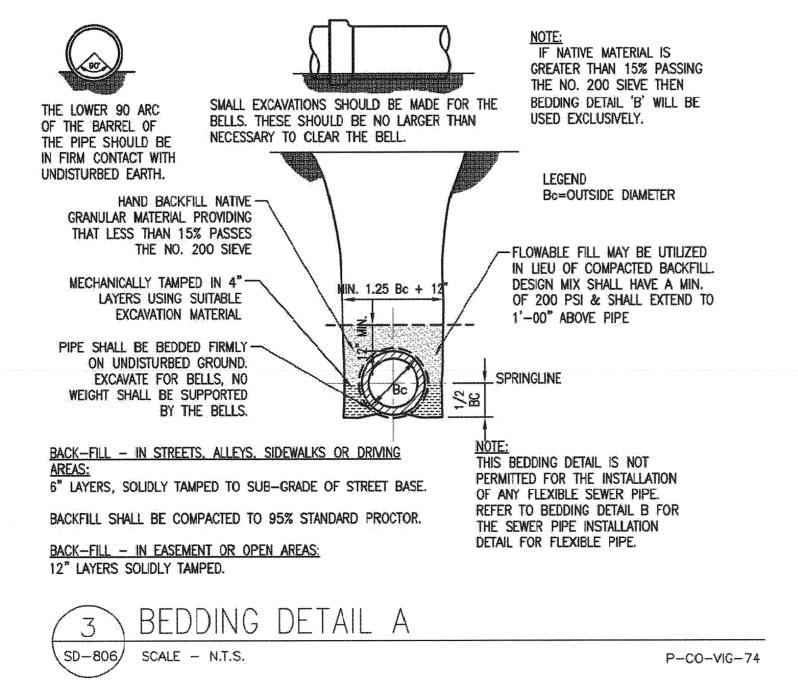
3. BACK-FILL - IN STREETS, ALLEYS, SIDEWALKS OR DRIVING AREAS: a. 6" LAYERS, SOLIDLY TAMPED TO SUB-GRADE OF STREET BASE.

b. BACKFILL WILL BE GRANULAR MATERIAL WITH LESS THAN 15% PASSING THE NO. 200 SIEVE. c. BACKFILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR

4. BACK-FILL - IN EASEMENT OR OPEN AREAS: a. 12" LAYERS SOLIDLY TAMPED. b. FOR BACKFILL IN EASEMENTS OR OPEN AREAS NATIVE MATERIAL WILL BE ACCEPTABLE.

5. THIS BEDDING DETAIL SHALL BE USED FOR THE INSTALLATION OF ALL FLEXIBLE SEWER PIPE MATERIALS.

BEDDING DETAIL B 2) SD-806/ SCALE - N.T.S.



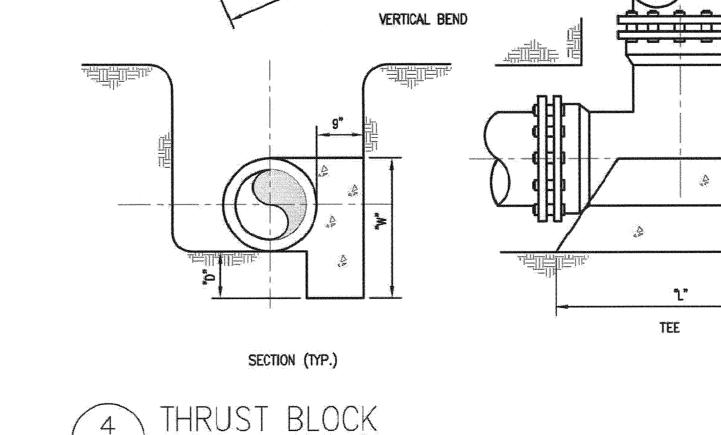
-HYDRANT EXTENSION AS REQUIRED

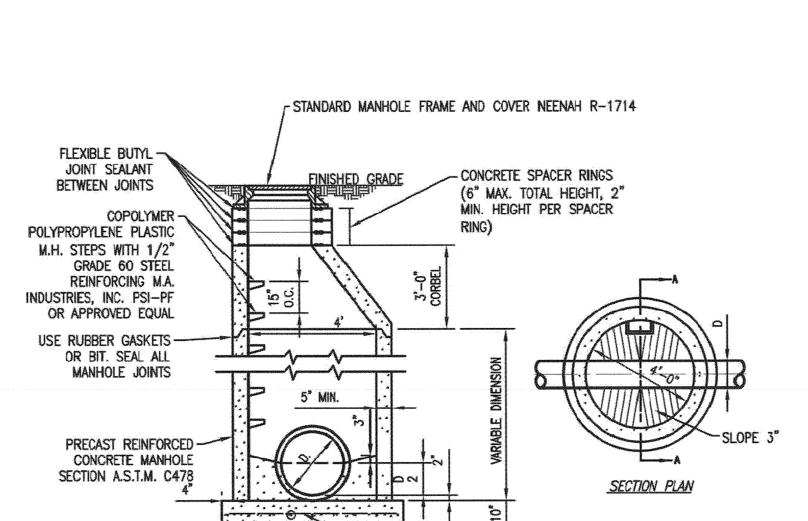
WEEP HOLE SHALL NOT BE COVERED BY CONCRETE

NO. 57 GRAVEL MIN. OF 3 CU.

P-C0-VIG-39

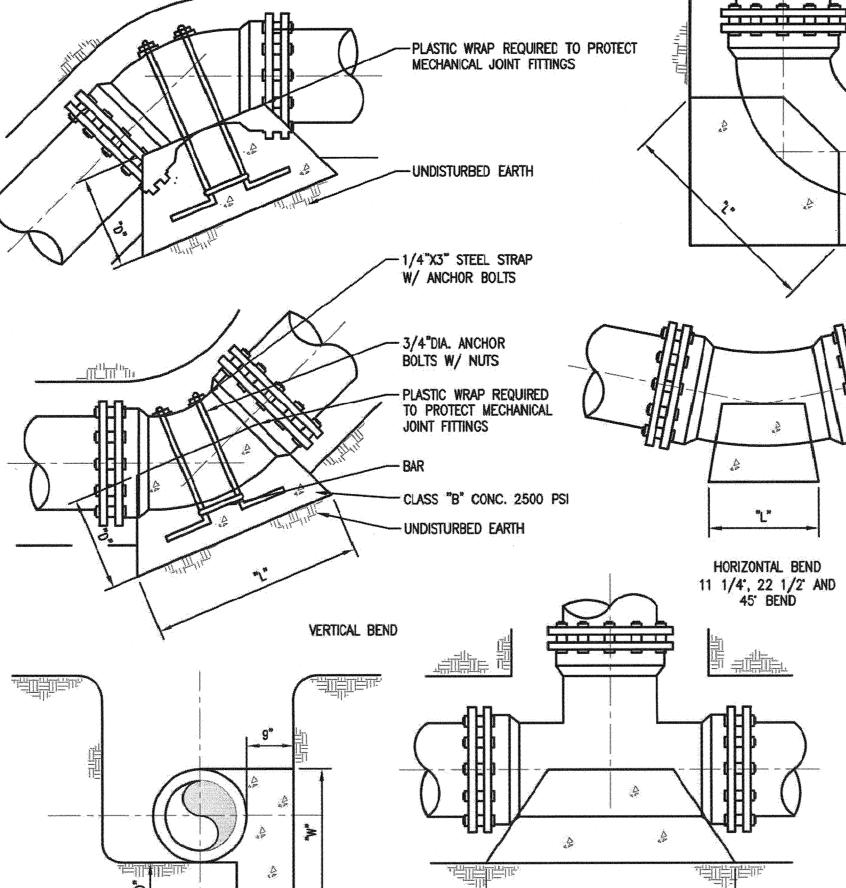
P-CO-VIG-76





SECTION A-A

#4 @ 8" O.C. EACH WAY OR 4X4 -W4.0XW4.0 W.W.F.

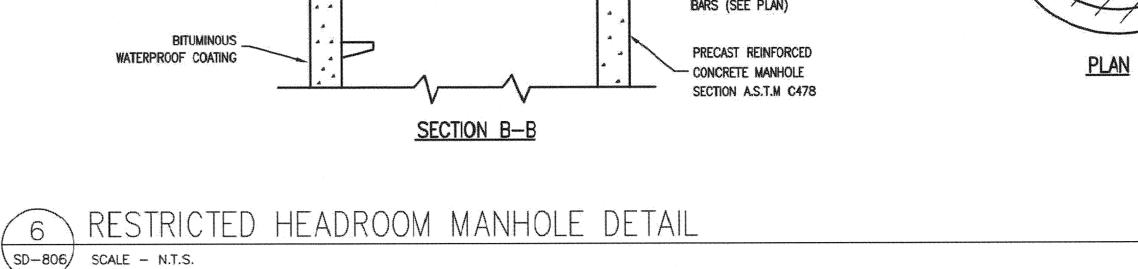


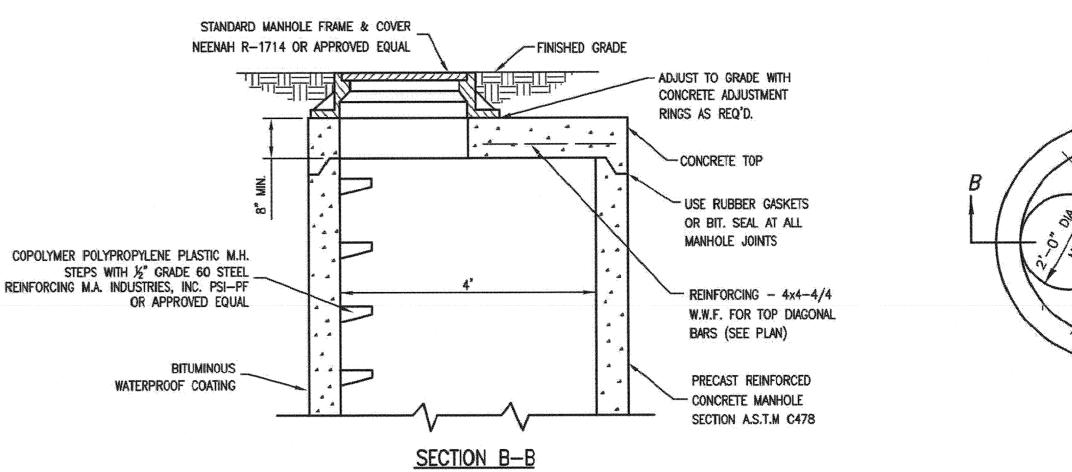
SD-806/ SCALE - N.T.S.

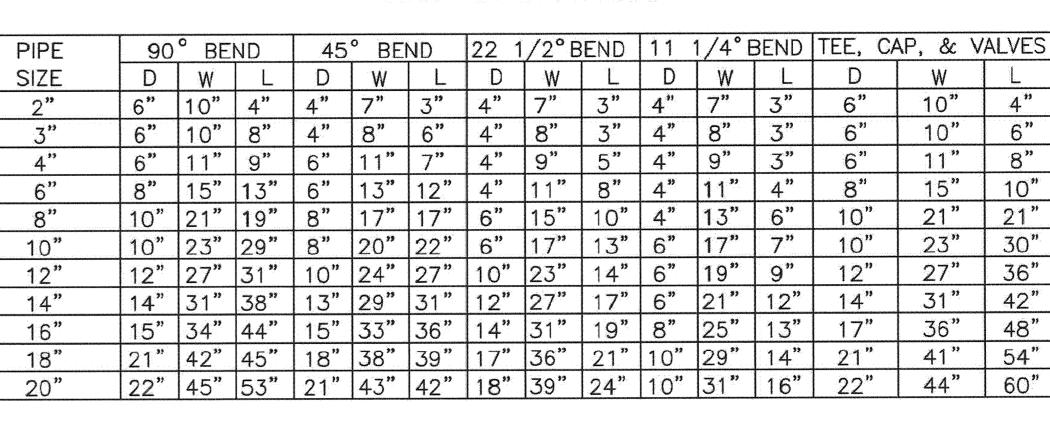
5

SD-806 SCALE - N.T.S.

MANHOLE DETAIL P-CO-VIG-72







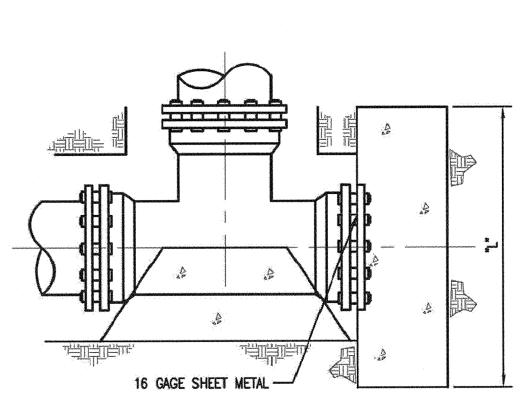
THRUST BLOCK SCHEDULE

-----ÉTÈ 2 16 GAGE SHEET METAL -END OF MAIN 90° BEND NOTE: MEGALUGS ARE REQUIRED

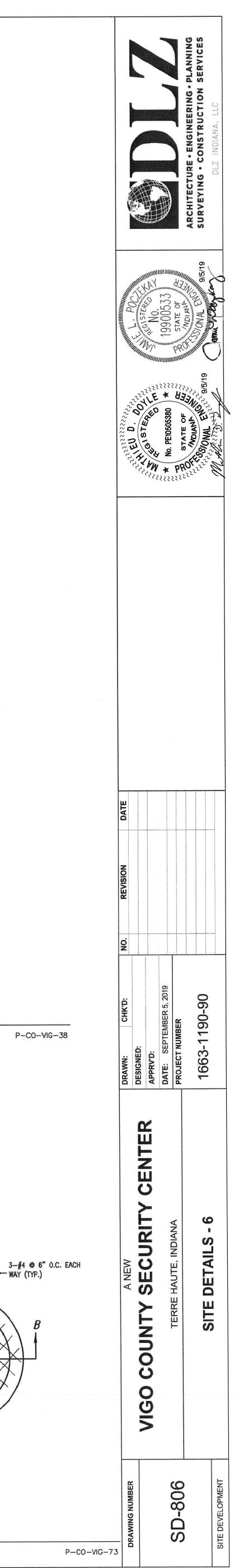
1. CONCRETE SHALL REST ON UNDISTURBED EARTH AND CURED IN PLACE.

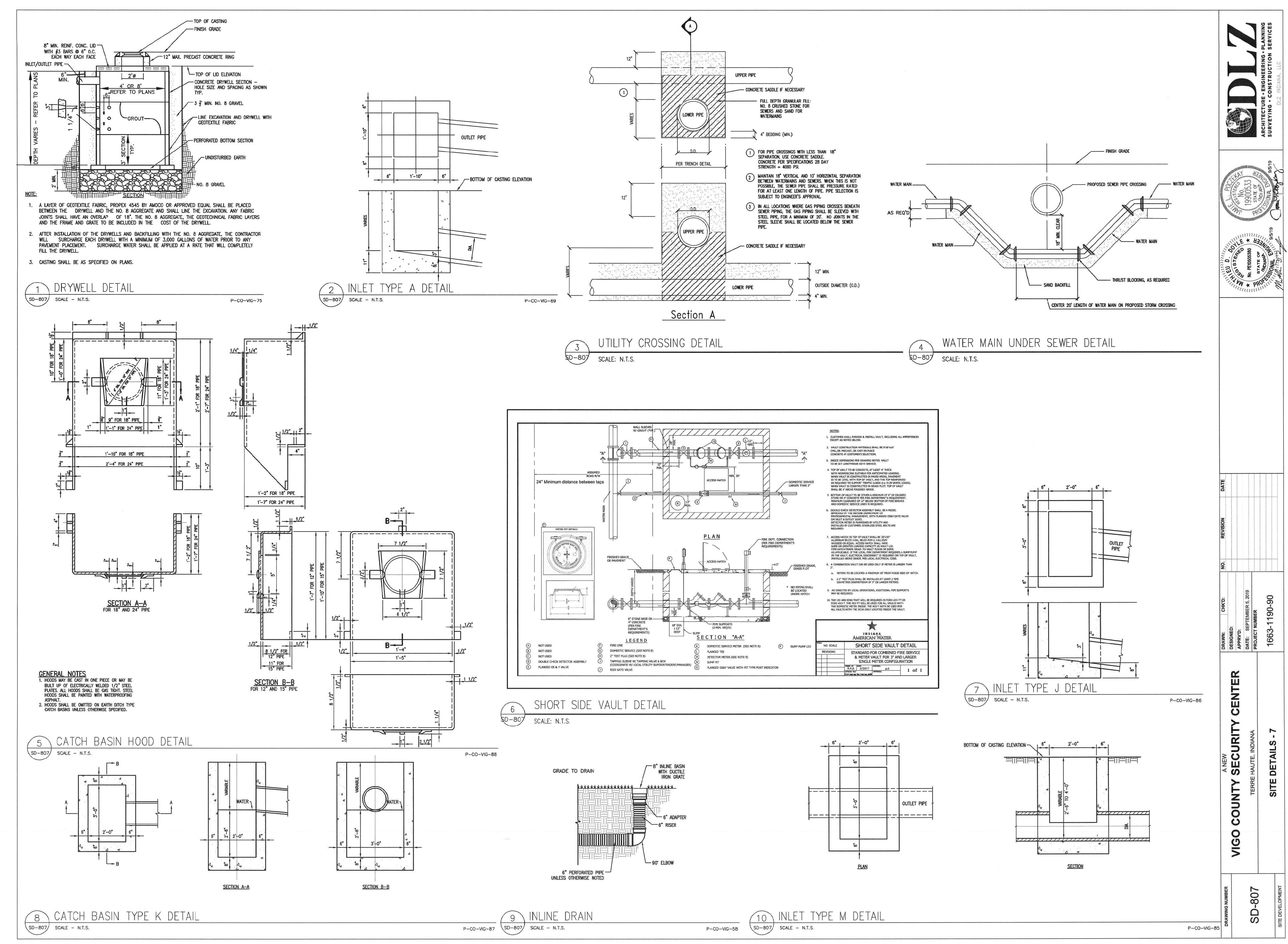
2. THE USE OF PRECAST CONCRETE BLOCKS MAY BE USED, BUT MUST

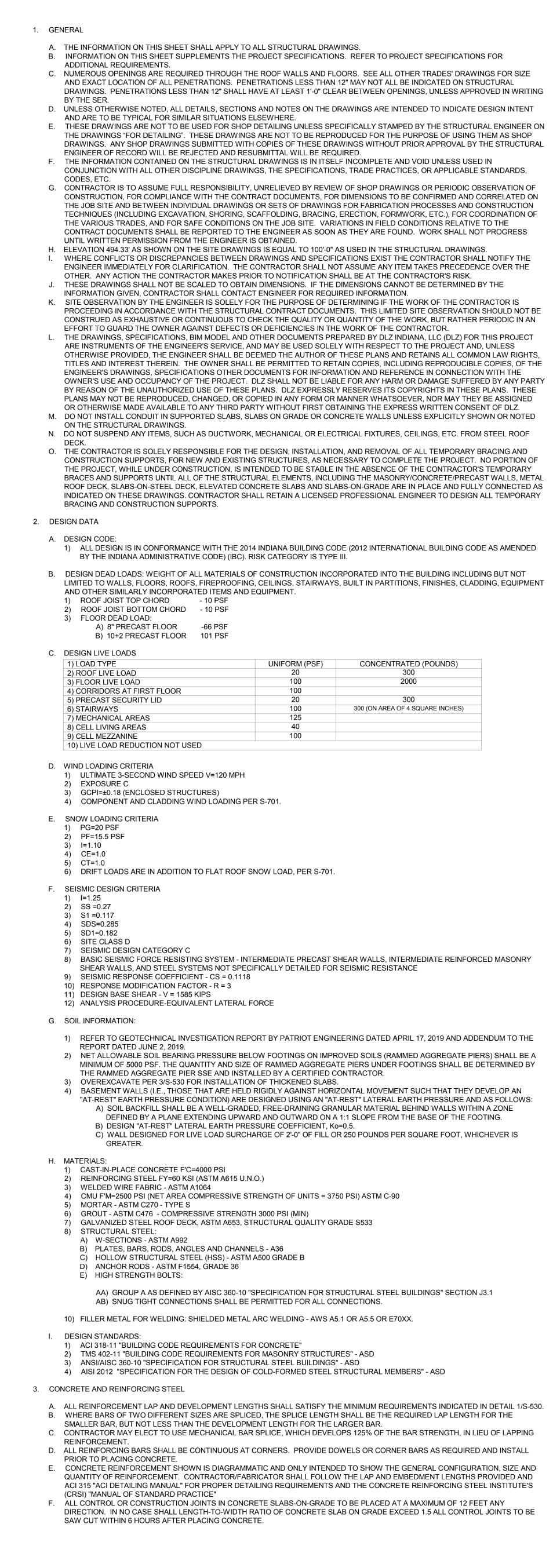
BE ENCASED IN AT LEAST 4" OF CONCRETE CURED IN PLACE.



PLUGGED TEE







- G. SLABS-ON-GRADE: (FINISH EXPOSED) FIBER REINFORCED WITH POLYPROPYLENE MICRO-FIBERS AT THE RATE OF 1.5 POUNDS PER CUBIC YARD OF CONCRETE. FIBER REINFORCEMENT IS IN ADDITION TO THE REQUIRED 6X6-W2.1 WELDED WIRE FABRIC. THE FIBERS THAT PENETRATE THE SURFACE IN AREAS OF SLAB-ON-GRADE THAT ARE EXPOSED TO VIEW AND DO NOT RECEIVE ANY FLOOR COVERING SHALL BE TORCHED LIGHTLY. CONTRACTOR SHALL TAKE CARE TO NOT BURN OR SCORCH THE EXPOSED CONCRETE. DO NOT USE FIBERS IN POLISHED CONCRETE. H. SLABS-ON-GRADE: (FINISH NOT EXPOSED) FIBER REINFORCED WITH POLYPROPYLENE MICRO-FIBERS AT THE RATE OF 1.5 POUNDS
- PER CUBIC YARD OF CONCRETE. FIBER REINFORCEMENT IS IN ADDITION TO THE REQUIRED 6X6-W2.1XW2.1 WELDED WIRE FABRIC. THE FIBERS THAT PENETRATE THE SURFACE SHALL BE TORCHED AS REQUIRED TO INSTALL THE FLOOR COVERING. I. CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE". CONTRACTOR SHALL MAINTAIN A COPY OF THIS SPECIFICATION ON SITE DURING CONSTRUCTION. J. CHAMFER EXPOSED CONCRETE EDGES 3/4" U.N.O.
- K. ALL WELDED WIRE FABRIC INDICATED ON DRAWINGS SHALL BE FLAT SHEETS AND SHALL BE PLACED 1 1/2" FROM THE TOP OF THE SLAB AND SUPPORTED ON CONCRETE BRICKS, WIRE, OR CHAIRS. WELDED WIRE FABRIC SHALL NOT BE LIFTED INTO PLACE DURING CONCRETE PLACEMENT. WELDED WIRE FABRIC SHALL BE LAPPED SUCH THAT THE OVERLAP IS EQUAL TO THE CROSSWIRE SPACING PLUS 2 INCHES.
- L. CORING OR CUTTING CONCRETE SHALL NOT BE PERMITTED UNLESS APPROVED BY THE SER. M. REINFORCEMENT SHALL BE SUPPORTED IN ITS SPECIFIED AND PROPER POSITION BY USE OF BRICKS, WIRES, OR CHAIRS. SUCH DEVICES SHALL BE SUFFICIENTLY STRONG AND PROPERLY PLACED AT FREQUENT INTERVALS SO AS TO MAINTAIN THE COVER BETWEEN THE REINFORCING AND THE SURFACE OF THE CONCRETE. THE REINFORCEMENT SHALL BE PLACED AS SHOWN ON THE PLANS WITHIN ±1/4". PLATFORMS FOR THE SUPPORT OF WORKERS AND EQUIPMENT DURING CONCRETE PLACEMENT SHALL BE SUPPORTED DIRECTLY ON THE GRADE AND NOT ON THE REINFORCING STEEL. N. FIELD BENDING OF REINFORCING BARS IS NOT PERMITTED.
- O. WET STICKING (MUCKING IN) OF REINFORCEMENT IS NOT ACCEPTABLE AND SHALL BE CAUSE FOR REJECTION REQUIRING REPLACEMENT OF WORK. 4. PRECAST CONCRETE UNITS
- A. THE CONTRACTOR SHALL VERIFY FINAL EQUIPMENT SIZE, WEIGHT, OPENING SIZES AND LOCATIONS, AS WELL AS ALL PENETRATIONS REQUIRED BY ALL TRADES AND THEIR SUPPORT REQUIREMENTS PRIOR TO SUBMISSION OF PRECAST STRUCTURAL CONCRETE SHOP DRAWINGS. PROVIDE DOCUMENTATION WITH SHOP DRAWING SUBMITTAL INDICATING THAT ALL TRADES HAVE SIGNED OFF ON ALL AFOREMENTIONED COORDINATION. PLAN OPENINGS OF 12"x12" OR SMALLER MAY NOT ALL BE SHOWN ON THE STRUCTURAL DRAWINGS. SHOP DRAWINGS MUST BE SUBMITTED AT THE SAME TIME AS DETAILED ENGINEERING ANALYSIS PREPARED BY A QUALIFIED PROFESSIONAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS TO BE BUILT. SHOP DRAWINGS WILL NOT BE REVIEWED PRIOR TO RECEIPT OF DETAILED ENGINEERING ANALYSIS AND DOCUMENTATION OF TRADE COORDINATION. B. DESIGN PRECAST STRUCTURAL CONCRETE, INCLUDING COMPREHENSIVE ENGINEERING ANALYSIS, BY A QUALIFIED PROFESSIONAL
- ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS TO BE BUILT, USING PERFORMANCE REQUIREMENTS AND DESIGN DATA INDICATED. C. PRECAST STRUCTURAL CONCRETE SHALL BE DESIGNED TO SUPPORT THE SUPERIMPOSED DEAD, FLOOR LIVE, ROOF LIVE, WIND, SNOW, AND SEISMIC LOADS INDICATED IN ADDITION TO THEIR SELF-WEIGHT.
- D. THE LOADS SPECIFIED ON S-701 ARE STRENGTH LEVEL LOADS. E. THE UNITS SHALL NOT BE ERECTED UNTIL 21 DAYS (MIN) AFTER FORM REMOVAL.
- F. ALL PRECAST STRUCTURAL CONCRETE MEMBERS AND THEIR CONNECTIONS SHALL BE IN ACCORDANCE WITH PCI MANUALS. G. HOLLOWCORE PRECAST FLOOR:
- 1) NUMEROUS OPENINGS ARE REQUIRED IN THE FLOOR HOLLOWCORE PRECAST UNITS. COORDINATE WITH ALL TRADES FOR PENETRATIONS AND CONSTRUCTION THROUGH OR ATTACHED TO PRECAST CONCRETE CONSTRUCTION. PRECAST STRUCTURAL CONCRETE FABRICATOR SHALL PROVIDE ADEQUATE SUPPORT FRAMES FOR SUCH OPENINGS. REFER TO 6/S-550 FOR TYPICAL DETAIL. 2) NO PRESTRESSING STRANDS, FIELD HOLES, OR REINFORCING BARS MAY BE CUT WITHOUT WRITTEN APPROVAL BY THE
- PRECAST SSE. FIELD HOLES REQUIRED IN THE PRECAST FOR MISCELLANEOUS ITEMS SHALL BE CAREFULLY LOCATED TO AVOID CUTTING PRESTRESSING STRANDS OR REINFORCING BARS. CUT STRANDS OR REINFORCEMENT SHALL BE CAUSE FOR **REJECTION OF PRECAST UNIT.** 3) PROVIDE 1/2" DIA. DRAIN HOLE IN THE BOTTOM OF EACH CELL 10" FROM EACH END OF HOLLOWCORE PRECAST UNITS. ALL UNITS EXPOSED IN THEIR FINAL CONDITION SHALL BE PATCHED TO PROVIDE A UNIFORM APPEARANCE.
- H. ARCHITECTURAL AND LOAD BEARING PRECAST WALL PANELS:
- 1) REFER TO ARCHITECTURAL DRAWINGS, ELEVATIONS, SPECIFICATIONS FOR PANEL LAYOUT, FINISH, AND SECURITY
- REQUIREMENTS OF PRECAST WALL PANELS 2) ALL WELD PLATES, COIL INSERTS, ANCHOR BOLTS/RODS ETC. AS REQUIRED FOR THE SUPPORT OF, OR CONNECTION TO THE
- STRUCTURE, IDENTIFIED ON THE PRECAST SHOP DRAWINGS TO BE INSTALLED BY OTHER TRADES, SHALL BE DESGINED AND FURNISHED BY THE PRECAST MANUFACTURER. 3) ALL CONNECTIONS EXPOSED TO THE WEATHER SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A153.
- 4) THE PRECAST STRUCTURE MUST BE TEMPORARILY BRACED AGAINST LATERAL LOADING, UNBALANCED GRAVITY LOAD AND ECCENTRICITY DUE TO INCOMPLETE STRUCTURE UNTIL BRACING ELEMENTS (I.E. SHEAR WALLS, FRAMES, ETC.) ARE COMPLETE AND HAVE ATTAINED THEIR DESIGN STRENGTH.
- I. EMBED PLATES INDICATED ARE THE MINIMUM REQUIRED AND SHALL BE DESIGNED BY THE PC SSE FOR THE IMPOSED LOADS.

5. MASONRY

- A. MASONRY CONSTRUCTION SHALL CONFORM TO TMS602/ACI530.1/ASCE6 "SPECIFICATION FOR MASONRY STRUCTURES AND COMMENTARY". CONTRACTOR SHALL MAINTAIN A COPY OF THIS REFERENCED SPECIFICATION ON SITE DURING CONSTRUCTION OF ALL MASONRY WALLS. B. ALL MASONRY JOINTS SHALL HAVE CONCAVE JOINTS.
- C. JOINT REINFORCEMENT SHALL BE PLACED IN HORIZONTAL MORTAR JOINTS AT 16" O.C. VERTICAL SPACING, AND AT TOP AND BOTTOM OF WALL OPENINGS (EXTEND 2 FEET PAST OPENING). JOINT REINFORCEMENT SHALL BE PLACED AT 8 INCH O.C. IN
- PARAPETS D. COORDINATE REQUIRED OPENINGS WITH ALL TRADES AND PROVIDE MASONRY OR STEEL LINTELS FOR ALL OPENING GREATER THAN 1'-0" IN ACCORDANCE WITH THE LINTEL SCHEDULES. E. VERTICAL CONTROL JOINTS IN CMU WALLS SHALL BE LOCATED AT MAX. SPACING OF 20'-0" PROVIDED THAT THE LENGTH TO HEIGHT RATIO OF WALL BETWEEN ADJACENT JOINTS DOES NOT EXCEED 1.5. IN ADDITION, CONTROL JOINTS SHALL BE LOCATED AT THE FOLLOWING LOCATIONS: CHANGES IN WALL THICKNESS, ABOVE CONTROL JOINTS IN FOUNDATION OR CONCRETE WALLS, AT LOCATIONS AS SHOWN ON ARCHITECTURAL DRAWINGS, AT INTERSECTION OF EXTERIOR (OR MAIN) WALL WITH INTERIOR WALL, SEE
- DETAIL 2/S-540. F. ALL GROUTING TO BE PLACED USING LOW LIFT METHOD. MAXIMUM HEIGHT OF LIFT SHALL BE 5 FEET. G. ALL WALLS SHALL BE REINFORCED WITH #4 BARS SPACED AT 48" U.N.O. REINFORCEMENT SHALL BE PROPERLY EMBED AND TIED OFF INTO THE SLAB OR FOUNDATION PRIOR TO CONCRETE PLACEMENT. CONTRACTOR MAY PLACE REINFORCEMENT AFTER THE CONCRETE HAS BEEN POURED BY FIELD DRILLING HOLES AND EPOXY EMBEDDING THE REINFORCEMENT. MINIMUM DEPTH OF EPOXY EMBEDMENT SHALL BE EQUAL TO THE BAR DEVELOPMENT LENGTH. H. REINFORCEMENT SHALL BE PROPERLY POSITIONED AND TIED OFF WITHIN MASONRY PRIOR TO GROUTING AND SHALL HAVE THE
- DEVELOPMENT AND LAP LENGTH INDICATED ON DETAIL 1/S-541. WET STICKING (MUCKING IN) OF REINFORCEMENT IS NOT ACCEPTABLE AND SHALL BE CAUSE FOR REJECTION. J. IN LIEU OF LAP SPLICING REINFORCEMENT, CONTRACTOR MAY USE MECHANICAL SPLICES IN ACCORDANCE WITH ACI 530. MECHANICAL SPLICES MUST BE USED FOR ALL BARS #9 OR LARGER.
- K. CMU BOND BEAMS SHALL BE PLACED AS INDICATED IN THE DRAWINGS. IN ADDITION THEY SHALL BE LOCATED AT THE TOP OF ALL WALLS AND PARAPETS, AT A MAXIMUM VERTICAL SPACING OF 8'-0" AND AT THE BOTTOM OF WALLS SUPPORTED BY ELEVATED
- L. REINFORCEMENT SHALL BE GROUTED WITHIN MASONRY AND SHALL BE DETAILED TO HAVE THE DEVELOPMENT AND LAP LENGTH INDICATED IN THE CMU REINFORCEMENT LAP AND DEVELOPMENT LENGTH SCHEDULE. M. ADDITIONAL CONCRETE MASONRY UNIT TYPICAL DETAILS, SECTIONS AND REQUIREMENTS ARE LOCATED ON DRAWING S-540 AND S-541.

6. STRUCTURAL AND MISCELLANEOUS STEEL

- A. ALL EXPOSED STEEL AT MAIN LOBBY AND VESTIBULE SHALL BE AESS CATEGORY ' B. DO NOT PRIME STEEL INDICATED TO RECEIEVE FIREPROOFING OR INTUMESCENT PAINT.
- C. THE STRUCTURAL STEEL FOR THIS STRUCTURE AS SHOWN ON THE STRUCTURAL DOCUMENTS WITH ALL RELATED DETAILS ARE NON-SELF SUPPORTING AS DEFINED BY THE A.I.S.C. CODE OF STANDARD PRACTICE AND REMAIN SO UNTIL ALL OF THE STRUCTURAL ELEMENTS, INCLUDING ANY MASONRY WALLS, CONCRETE FLOORS AND SLABS-ON-GRADE ARE IN PLACE AND FULLY CONNECTED AS INDICATED IN THESE DOCUMENTS. THE STRUCTURE IS LATERALLY UNSTABLE UNTIL ALL ELEMENTS ARE IN PLACE, HAVE ATTAINED DESIGN STRENGTH, AND ARE FULLY SECURED TO THE BUILDING, INCLUDING COMPLETION OF FLOOR AND ROOF CONSTRUCTION. ADEQUATE TEMPORARY BRACING IS THE RESPONSIBILITY OF THE CONTRACTOR, AND CONTRACTOR SHALL SEQUENCE CONSTRUCTION OPERATIONS AS REQUIRED, UNTIL THE PERMANENT SYSTEMS ARE EFFECTIVE D. CONTRACTOR SHALL PROVIDE 3/8" (MIN.) PLATE WELDED TO BOTTOM FLANGE (U.N.O.) OF STEEL BEAM SUPPORTING MASONRY
- CONSTRUCTION. WIDTH OF PLATE SHALL BE 1/2" LESS THAN THICKNESS OF THE SUPPORTED WALL E. AT ALL STEEL BEAMS AND LINTELS SUPPORTING MASONRY WALLS, PROVIDE STUD 1/2" DIA. X 6" LONG HEADED STUDS SPACED @ 16" O.C. WELD TO STEEL BEAM AND STEEL LINTELS.
- F. ALL EXTERIOR STEEL, STEEL LINTELS AND RELIEF ANGLES SHALL BE HOT-DIP GALVANIZED AND PAINTED. REPAIR ANY DAMAGE TO THESE COATINGS THAT MAY OCCUR DURING CONSTRUCTION ACTIVITIES. G. WELD CERTIFICATES FOR REQUIRED WELD POSITIONS SHALL BE SUBMITTED AND APPROVED PRIOR TO ANY STEEL BEING ERECTED.
- H. BEAM CONNECTIONS WHICH ARE NOT DETAILED ON THE DRAWINGS SHALL BE DESIGNED BY A QUALIFIED PROFESSIONAL ENGINEER (LICENSED IN THE STATE WHERE PROJECT IS BUILT) FOR THE SERVICE LEVEL BEAM REACTIONS INDICATED ON THE DRAWINGS AND AS FOLLOWS:
- 1) CONNECTIONS NOT COMPLETELY DETAILED ON THE DRAWINGS INCLUDING MATERIAL AND SIZES, WELD SIZES AND NUMBER OF BOLTS SHALL BE DESIGNED AND DETAILED IN SHOP DRAWINGS BY THE CONTRACTOR PER THE SPECIFICATIONS. 3) REACTIONS SHOWN ARE SERVICE LEVEL LOAD REACTIONS AND SHALL BE DESIGNED IN ACCORDANCE WITH AISC MANUAL OF STEEL CONSTRUCTION ALLOWABLE STRESS DESIGN. 4) REFERENCE TYPICAL STEEL DETAILS ON SHEET S-530 THRU S-534.
- PROVIDE FOR 5 TONS OF STEEL FOR USE AS DIRECTED BY THE SER, TO INCLUDE BUT NOT LIMITED TO WIDE FLANGES, CHANNELS, ANGLES, PIPES, HSS, PLATES AND BARS AS WELL AS ANY AND ALL RELATED BOLTED OR WELDED CONNECTIONS. THIS TONNAGE IS TO INCLUDE ALL REQUIRED DETAILING, FABRICATION, DELIVERY, FINISHES AND ERECTION OF STEEL IN PLACE AS ASSOCIATED WITH DIVISION 05 SPECIFICATIONS. THE DIRECTED USE OF STEEL BY THE SER WILL BE BASED ON THE ERECTED WEIGHT OF THE VARIOUS COMPLETED STEEL COMPONENTS, NO OVERRUN IN SCALE WEIGHTS, EXCESS BOLTS OR SIMILAR ITEMS SUCH AS THE WEIGHT OF ANY PAINT, GALVANIZING OR WELD MATERIAL WILL BE ALLOWED TO BE ADDED TO THE ERECTED WEIGHT. DEDUCTION WILL NOT BE MADE FOR BOLT HOLES IN THE MATERIAL J. ALL TUBE STEEL, HOLLOW STRUCTURAL STEEL AND PIPE SECTIONS IN EXTERIOR APPLICATIONS SHALL BE DETAILED TO KEEP
- WATER FROM ENTERING THE CLOSED SECTION. K. PROVIDE MISCELLANEOUS LOOSE L9X4X³/₈ (LLH) LINTEL WITH A MINIMUM 8" BEARING AT EACH END ABOVE OPENINGS IN BRICK/STONE
- FACADE WHERE OTHER SUPPORT IS NOT SHOWN. SHIM BETWEEN PARALLEL ROOF BEAMS AND JOISTS WITH DIFFERENTIAL MILL AND INDUCED CAMBERS FOR LEVEL DECK BEARING. M. INSTALLATION HOLES SHALL BE SEALED WITH A CLOSURE PLATE 2 GAUGES THICKER THAN DECK AND MECHANICALLY FASTENED TO DECK. STEEL DECK HOLES VISIBLE FROM BELOW WILL BE REJECTED. N. DECK UNITS THAT ARE BENT, WARPED, OR DAMAGED IN ANY WAY WHICH WOULD IMPAIR THE STRENGTH AND OR APPEARANCE OF
- THE DECK SHALL BE REJECTED AND REMOVED. O. ALL COMPONENTS SUPPORTED BY STEEL JOISTS SHALL BE HUNG CONCENTRICALLY AND AT A PANEL POINT (HANGER WITHIN 3" OF A PANEL POINT SHALL BE CONSIDERED TO BE MADE AT THE PANEL POINT). WHERE SUPPORT CANNOT BE MADE AT A PANEL POINT THE CONTRACTOR SHALL FIELD INSTALL ADDITIONAL WEB MEMBERS PER DETAIL 8/S-552. ADDITIONAL WEB MEMBERS SHALL NOT BE REQUIRED WHERE THE SUM OF ALL CONCENTRATED LOADS BETWEEN PANEL POINTS IS LESS THAN 100 LBS. P. STEEL JOISTS:
- 1) STEEL JOIST CONSTRUCTION SHALL CONFORM TO THE STEEL JOIST INSTITUTE (SJI) "STANDARD SPECIFICATIONS, LOAD TABLES
- AND WEIGHT TABLES" 2) THE JOIST SUPPLIER'S SSE SHALL DESIGN THE ADEQUACY OF SPECIAL JOISTS FOR LOADING INDICATED.
- 3) ANCHOR ENDS OF STEEL JOISTS AS REQUIRED FOR STABILITY DURING CONSTRUCTION AND CONSTRUCTION DETAILS HEREIN. 4) THE JOIST SUPPLIER SHALL PROVIDE ALL BRIDGING COMPLYING WITH SJI SPECIFICATIONS. PROVIDE UPLIFT BRIDGING AS REQUIRED FOR ROOF NET UPLIFT SHOWN ON S-701. 5) DO NOT WELD ACROSS PERPENDICULAR TO JOIST CHORD MEMBERS.

7. COLD FORMED STEEL

- A. THE MINIMUM YIELD STRENGTH OF MEMBERS SHALL BE AS FOLLOWS:
- 1) 54 MILS (16 GA.), AND THICKER FY = 50KSI ASTM A653 2) 43 MILS (18 GA.), AND THINNER FY = 33KSI ASTM A653
- B. PROVIDE MEANS TO KEEP DISSIMILAR METALS FROM COMING INTO CONTACT WITH COLD FORM STEEL MEMBERS (I.E. BRASS. COPPER, ETC.).

- 1) 43 MILS (18 GA.) NON-BEARING PARTITIONS (EXTERIOR)
- G. FRAMING DEFLECTION LIMITS SHALL BE AS FOLLOWS FOR TOTAL LOAD:
- 1) EXTERIOR WALL BEHIND BRICK/STONE L/600 2) MISCELLANEOUS FRAMING - L/360
- COMPLETED COLD-FORMED STEEL FRAMING ASSEMBLY.
- 8. SOILS AND FOUNDATIONS
- OF STANDARD PROCTOR ASTM D-698 MAXIMUM DRY DENSITY.
- B. SLAB-ON-GRADE: REFER TO DETAIL 4/S-530
- OF ALL REQUIRED SLEEVES AND INSERTS.
- COMPACTED WITHOUT DISPLACEMENT OF WALLS.
- AND COMPACTION OF BACKFILL
- REGULATIONS. OF STANDARD PROCTOR ASTM D-698 MAXIMUM DRY DENSITY.
- 9. SPECIALTY STRUCTURAL ENGINEERING
 - ENGINEERING
 - 1) PRECAST HOLLOW CORE SLABS; 2) PRECAST CONCRETE FRAMING SYSTEMS; 3) STRUCTURAL STEEL CONNECTIONS; SPECIAL STEEL JOISTS AND JOIST GIRDER SYSTEMS; STEEL STAIRS¹ 5) PIPE AND TUBE RAILINGS CURTAIN WALL SYSTEMS 7) SKYLIGHTS; RAMMED AGGREGATE PIERS; 9) COLD FORMED STUD FRAMING
 - 10) TEMPORARY EXCAATION SUPPORT SHORING AND BRACING SYSTEMS; WINDOWS; 13) OVERHEAD DOORS
 - 16) ROOFING;
- MODIFICATION
- SUBMITTED BY THE SSE SHALL BE BORNE BY THE CONTRACTOR.
- 10. STRUCTURAL INSPECTIONS AND TESTING SPECIFIC MATERIAL SPECIFICATIONS. STAFF EMPLOYED BY THE CONTRACTOR.

 - PERCENT OF THE TOTAL WORK TIME.
- PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY. H. STEEL CONSTRUCTION:
- SPECIFICATIONS.
- I. CONCRETE CONSTRUCTION:
- 2) INSPECT FOR PROPER MIX USE, PLACEMENT AND APPLICATION TECHNIQUES AND FOR SPECIFIED CURING,
- SPECIFICATIONS.
- SPECIFICATION SECTION 1.6.
- SPECIFICATIONS.

- LATERAL FORCE RESISTING SYSTEM ELEMENT.
- TEMPERATURES AND TECHNIQUES.
- J. MASONRY CONSTRUCTION:

- GEOTECHNICAL EXPLORATION. L. RAMMED AGGREGATE PIERS:

- K. SOILS:

C. FABRICATE COLD FORMED STEEL FRAMING AND ACCESSORIES PLUMB, SQUARE AND TRUE TO LINE WITH CONNECTIONS SECURELY FASTENED ACCORDING TO REFERENCED AISI SPECIFICATIONS, STANDARDS AND MANUFACTURER'S WRITTEN INSTRUCTIONS. D. PROVIDE COLD-FORMED METAL FRAMING WITH A MINIMUM MATERIAL THICKNESS AS FOLLOWS:

E. PROVIDE ALL HANGERS AND CONNECTORS AS NECESSARY TO SUPPORT AND TRANSFER INDUCED LOADS TO THE CONNECTED STRUCTURE. PROVIDE DRIFT OR DEFLECTION CLIPS AS NECESSARY TO ACCOMMODATE STRUCTURAL MOVEMENT. F. WHERE MEMBER SIZES ARE GIVEN THEY SHALL BE NOMINAL UNLESS SPECIFICALLY DESIGNATED AS ACTUAL DIMENSIONS.

H. ALL COLD-FORMED STEEL FRAMING SIZES, GAGES AND CONNECTION DETAILS SHOWN ON THE CONSTRUCTION DOCUMENTS SHALL BE CONSIDERED THE MINIMUM ALLOWED. THE CONTRACTOR SHALL CONSTRUCT AND ASSURE THE PROPER PERFORMANCE OF THE I. ALL COLD-FORMED METAL FRAMING LOADS SHALL BE DETERMINED BY THE COLD-FORMED METAL DESIGNER AS DETERMINED BY THE DESIGN DATA PROVIDED IN THE CONTRACT DOCUMENTS. COLD-FORMED METAL CONTRACTOR SHALL PROVIDE A COMPLETE GRAVITY AND LATERAL SYSTEM CONFORMING TO THE REQUIREMENTS OF THE IBC, SIGNED AND SEALED BY A QUALIFIED PROFESSIONAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS TO BE BUILT.

A. REMOVE TOPSOIL, ORGANIC MATERIAL, FILL, ASPHALT, CONCRETE, ANY DEBRIS FOUND AND ANY LOOSE MATERIAL OR SOILS INDICATED IN THE SOILS REPORT. THE EXPOSED SUBGRADE SHALL BE PROOF ROLLED WITH A MEDIUM-WEIGHT ROLLER TO CHECK FOR SOFT MATERIAL AS DIRECTED BY THE GEOTECHNICAL ENGINEER. BACKFILL SHALL BE ENGINEERED FILL COMPACTED TO 100%

C. CONSTRUCTION JOINTS IN STRIP FOOTINGS AND WALLS MAY BE LOCATED AT THE DISCRETION OF THE CONTRACTOR SUBJECT TO REVIEW BY THE ENGINEER. UNLESS SPECIFICALLY NOTED OTHERWISE REINFORCING SHALL BE CONTINUOUS ACROSS JOINTS. SEE TYPICAL CONCRETE WALL AND FOOTING CONSTRUCTION JOINT DETAIL 14/S-530. D. FOUNDATION PLANS INDICATE THE GENERAL LOCATION OF PENETRATIONS. COORDINATE WITH ALL TRADES FOR THE INSTALLATION E. AFTER FOUNDATION CONSTRUCTION IS COMPLETE, PROPERLY PLACE AND COMPACT BACKFILL MATERIAL. WALLS BACKFILLED ON BOTH SIDES SHALL HAVE BACKFILL PLACED AGAINST BOTH FACES SIMULTANEOUSLY. WALLS BACKFILLED ON ONE SIDE ONLY SHALL BE BRACED (TEMPORARY BY CONTRACTOR OR BY FINAL CONSTRUCTION) SO THAT BACKFILL CAN BE PROPERLY PLACED AND

1) BASEMENT WALLS HAVE BEEN DESIGNED ASSUMING THE ELEVATED FLOOR AND SLAB-ON-GRADE BRACE THE WALL. ELEVATED FLOOR AND SLAB-ON-GRADE MUST BE INSTALLED AND HAVE ACHIEVED 100% OF ITS DESIGN STRENGTH PRIOR TO PLACEMENT

F. FOR BELOW GRADE WALLS PLAN AREA OF EXCAVATION SHOULD EXTEND OUTWARD FROM THE OUTSIDE EDGE OF THE STRUCTURES FOUNDATION A DISTANCE EQUAL TO THE DEPTH OF EXCAVATION (INCLUDING OVER EXCAVATION IF APPLICABLE) PLUS 3 FEET. THE SIDE OF THE EXCAVATION SHOULD BE SLOPED OR BRACED AS REQUIRED PER LOCAL, STATE AND FEDERAL SAFETY G. PLACE AND COMPACT SOIL ADJACENT TO BELOW GRADE WALLS AND FOUNDATIONS IN 8 INCH LOOSE LIFTS AND COMPACT TO 100% H. AT ALL DOORS DEPRESS FOUNDATION WALLS 8 INCHES BELOW TOP OF SLABS, U.N.O. I. PROVIDE EITHER ROUGHENED SURFACE OR 3 1/2"X1 1/2" KEYWAY AT HORIZONTAL CONSTRUCTION JOINTS, I.E. BETWEEN FOOTING AND FOUNDATION WALL, FOOTING AND PIER OR SIMILAR LOCATIONS, AT THE CONTRACTOR'S OPTION.

A. THE SPECIALTY STRUCTURAL ENGINEER (SSE) IS DEFINED AS A PROFESSIONAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS TO BE BUILT, WHO IS NOT THE STRUCTURAL ENGINEER OF RECORD (SER), WHO PERFORMS DELEGATED DESIGN FUNCTIONS NECESSARY FOR THE SPECIALTY SYSTEM COMPONENTS OF THE STRUCTURE TO BE COMPLETED, AND WHO HAS SHOWN EXPERIENCE AND/OR TRAINING IN THE SPECIFIC SPECIALTY.

B. THE SSE AND CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS TO DETERMINE THE APPROPRIATE SCOPE OF C. THE INTENT OF THE CONSTRUCTION DOCUMENTS IS TO PROVIDE SUFFICIENT INFORMATION FOR THE SSE TO PERFORM THE ANALYSIS, DESIGN, AND ASSEMBLY OF SHOP DRAWINGS. IN THE EVENT THE SSE DETERMINES THERE IS INSUFFICIENT INFORMATION PROVIDED IN CONTRACT DOCUMENTS, THE SSE SHALL, IN A TIMELY MANNER, CONTACT THE SER IN WRITING FOR CLARIFICATION. THE CONTRACTOR AND SSE SHALL PROVIDE A COMPLETE SYSTEM. D. ALL DOCUMENTS PREPARED BY THE SSE SHALL BE SIGNED AND SEALED BY A REGISTERED DESIGN PROFESSIONAL. E. EXAMPLES OF COMPONENTS REQUIRING SSE INCLUDE, BUT ARE NOT LIMITED TO:

14) MECHANICAL, ELECTRICAL, PLUMBING AND SECURITY ELECTRONICS, HANGERS AND SUPPORTS; 15) STEEL CELL PREFABRICATED UNITS;

F. WHEN MODIFICATIONS ARE PROPOSED TO COMPONENTS UNDER THE DESIGN AND CERTIFICATION OF AN SSE, WRITTEN AUTHORIZATION BY THE SSE MUST BE OBTAINED AND SUBMITTED TO THE SER FOR REVIEW, PRIOR TO PERFORMING THE PROPOSED G. ALL SUBMITTALS GENERATED BY THE DESIGN OF THE SSE MUST BE REVIEWED AND APPROVED BY THE SSE PRIOR TO REVIEW BY THE SER. SUBMITTALS RECEIVED WITHOUT THE APPROVAL OF THE SSE WILL BE REJECTED WITHOUT FURTHER REVIEW. H. THE CONTRACT DOCUMENTS ONLY DISPLAY THE DESIGN INTENT OF THE SPECIALTY SYSTEM COMPONENTS. FINAL ANALYSIS, DESIGN, AND ASSEMBLY OF SHOP DRAWINGS IS THE RESPONSIBILITY OF THE SSE I. THE SSE SHALL SUBMIT CALCULATIONS AND SUPPORT REACTIONS FOR THEIR SYSTEM 15 DAYS (MIN.) PRIOR TO THE REVIEW OF ANY SHOP DRAWINGS FOR THE DEPENDENT SYSTEMS. THE SHOP DRAWINGS FOR THE DEPENDENT SYSTEMS WILL NOT BE REVIEWED UNTIL THE SSE APPROVED, SIGNED, AND SEALED SHOP DRAWINGS AND CALCULATIONS FOR THE SPECIALTY SYSTEM(S) HAVE BEEN SUBMITTED AND REVIEWED. COSTS FOR ANY CHANGES RELATED TO THE CALCULATIONS AND SHOP DRAWINGS

A. STRUCTURAL INSPECTIONS AND TESTING FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH CHAPTER 17 OF THE IBC AND THE B. THE OWNER WILL ENGAGE AN INDEPENDENT TESTING FIRM (ITF) TO CONDUCT INSPECTIONS AND TESTING AS REQUIRED BY THE IBC AND THESE DOCUMENTS. THE ITF SHALL PERFORM THEIR DUTIES INDEPENDENT FROM THE CONSTRUCTION QUALITY CONTROL C. ITF SHALL DOCUMENT AND KEEP RECORDS OF ALL INSPECTIONS. FOR SAMPLE FORMS AND EXAMPLES SHOWING THE MINIMUM REQUIRED INFORMATION TO BE SUBMITTED WITH THE INSPECTIONS AND TESTS REFER TO THE INDIANA STRUCTURAL ENGINEER'S ASSOCIATION DOCUMENT "STRUCTURAL TESTS AND INSPECTIONS: A GUIDELINE FOR INDIANA PROFESSIONAL ENGINEERS". WHICH CAN BE FOUND AT HTTPS://SEAIN.ORG/IMAGES/DOWNLOADS/SPECIAL_INSPECTIONS_GUIDELINES/SIC_2012_01__1ST_EDITION_.PDF

1) <u>CONTINUOUS INSPECTIONS:</u> CONTINUOUS INSPECTIONS ARE THE FULL TIME OBSERVATION OF THE WORK BY THE ITF, OR THEIR AGENT, PRESENT IN THE WORK AREA WHILE WORK IS BEING PERFORMED. 2) <u>PERIODIC INSPECTIONS:</u> PERIODIC INSPECTIONS ARE THE INTERMITTENT OBSERVATION OF THE WORK BY THE ITF, OR THEIR AGENT, PRESENT IN THE WORK AREA WHILE WORK IS BEING PERFORMED. THE INTERMITTENT OBSERVATION PERIODS SHALL BE AT TIMES OF SIGNIFICANT WORK, SHALL BE RECURRENT OVER THE COMPLETE WORK PERIODS, AND SHALL EQUAL AT LEAST 25

F. THE ITF'S REPORTS SHALL BE SUBMITTED WEEKLY TO THE OWNER, SER AND LOCAL BUILDING OFFICIAL. G. A FINAL REPORT OF ALL STRUCTURAL INSPECTIONS DOCUMENTING COMPLETION OF ALL REQUIRED INSPECTIONS AND CORRECTION OF DISCREPANCIES NOTED IN THE INSPECTIONS (IF ANY) SHALL BE SUBMITTED BY THE CONTRACTOR TO THE OWNER AND SER

1) INSPECTIONS SHALL BE IN ACCORDANCE WITH IBC SECTION 1705.2. 2) CONTINUOUS AND PERIODIC INSPECTIONS SHALL BE IN ACCORDANCE WITH IBC TABLE 1705.2.2. 3) INSPECTION OF STRUCTURAL STEEL SEISMIC FORCE RESISTING SYSTEM SHALL BE CONTINUOUS IN ACCORDANCE WITH IBC SECTION 1705.11. THE SEISMIC FORCE RESISTING SYSTEM CONSISTS OF THE ROOF DECK, FLOOR DECK, LATERAL BRACES,

MOMENT FRAMES AND THE BEAMS & COLUMNS THE BRACES OR MOMENT FRAMES ARE CONNECTED TO, OR ANY OTHER STEEL 4) ADDITIONAL TESTING REQUIREMENTS OF STEEL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE

1) INSPECTIONS SHALL BE IN ACCORDANCE WITH IBC SECTION 1705.3. INSPECT MATERIALS, INSTALLATION OF FORM WORK, REINFORCING STEEL AND CONCRETE OPERATIONS

 CONTINUOUS AND PERIODIC INSPECTIONS SHALL BE IN ACCORDANCE WITH IBC TABLE 1705.3. 4) ADDITIONAL TESTING REQUIREMENTS OF CONCRETE MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE

1) CONTINUOUS AND PERIODIC INSPECTIONS SHALL CONFORM TO LEVEL B QUALITY ASSURANCE IN ACCORDANCE WITH TMS 2) ADDITIONAL TESTING REQUIREMENTS OF MASONRY MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE

INSPECTION OF SOILS SHALL BE IN ACCORDANCE WITH IBC SECTION 1705.6. 2) ADDITIONAL TESTING REQUIREMENTS OF SOILS SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND REPORT OF

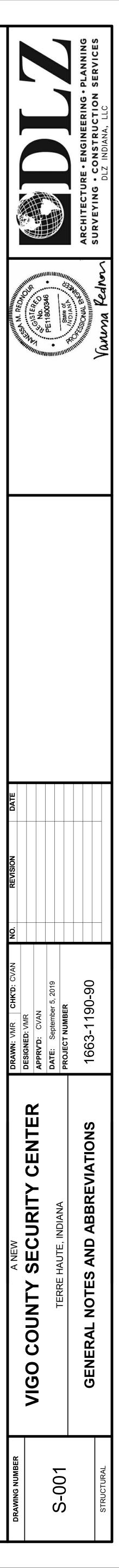
1) CONTINUOUS INSPECTION SHALL BE IN ACCORDANCE WITH IBC 1705.9. 2) IN ADDITION. TESTING AND INSPECTION SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.

	DESCRIPTION
ADD. ADDL	ADDENDUM ADDITIONAL
ADJ AFF	ADJACENT ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AGGR. ALT.	AGGREGATE ALTERNATE
APPROX. ARCH	APPROXIMATE ARCHITECT OR ARCHITECH
BLDG	BUILDING
BM BOT OR B/	BEAM BOTTOM
BRDG BRG.	BRIDGING BEARING
BTWN	BETWEEN
C C.J.	COMPRESSION CONTROL JOINT/ CONSTRUC
CIP	CAST-IN-PLACE
CL CLR.	CONSTRUCTION LINE/ CENT
CMU COL.	CONCRETE MASONRY UNIT
CONC.	CONCRETE
CONN CONST.	CONNECTION CONSTRUCTION
CONT COORD.	CONTINUOUS COORDINATE
CTR	CENTER OR CENTERING
DIA. DIAG	DIAMETER DIAGONAL
DIM(S) DL	DIMENSION(S) DEAD LOAD
DWG.	DRAWING
DWLS. E.F.	DOWELS EACH FACE
E.O.D.	EDGE OF DECK EACH WAY
E.W. EA	EACH
ECC EL.	ECCENTRICITY ELEVATION
ELEC	ELECTRICAL
EQ. EQUIP	EQUAL EQUIPMENT
ETC. EXIST.	ETCETERA EXISTING
EXP.	EXPANSION
EXT F.V.	EXTERIOR FIELD VERIFY
FD FDN.	FLOOR DRAIN FOUNDATION
FIN	FINISH(ED)
FL FP	FLOOR FIREPROOF(ING)
FS	FAR SIDE
FT. FTG.	FOOT - FEET FOOTING
GA. GALV.	GAUGE GALVANIZED
GEN	GENERAL
gr Horiz.	GRADE HORIZONTAL
HT ID	HEIGHT INSIDE DIAMETER
IF	INSIDE FACE
IN. INT	INCH INTERIOR
KIP KLF	1,000 POUNDS KIP PER LINEAR FOOT
KSF KSI	KIP PER SQUARE FOOT
LBS.	KIPS PER SQUARE INCH POUNDS
LL LLH	LIVE LOAD LONG LEG HORIZONTAL
LLV LONG	LONG LEG VERTICAL LONGITUDINAL
LWC	LIGHT WEIGHT CONCRETE
LWT MAX.	LIGHTWEIGHT MAXIMUM
MC MECH.	MOMENT CONNECTION(S) MECHANICAL
MEZZ.	MEZZANINE
MFGR MID	MANUFACTURER MIDDLE
MIN. MISC.	MINIMUM MISCELLANEOUS
N.T.S.	NOT TO SCALE
NA OR N/A NIC	NOT APPLICABLE NOT IN CONTRACT
NO NOM	NUMBER NOMINAL
NS	NEAR SIDE
NWC NWT	NORMAL WEIGHT CONCRET NORMAL WEIGHT
0.C. 0.D.	ON CENTER OUTSIDE DIAMETER
O.F.	OUTSIDE FACE
o.h. opng.	OPPOSITE HAND OPENING
OPP. PCY	OPPOSITE POUNDS PER CUBIC YARD
PERP.	PERPENDICULAR
PJF PL	PREMOLDED JOINT FILLER PLATE
PLF PROJ.	POUNDS PER LINEAR FOOT PROJECT
PSF	POUNDS PER SQUARE FOO
PSI QTY.	POUNDS PER SQUARE INCH QUANTITY
RAD. RD	RADIUS ROOF DRAIN
REF	REFERENCE
REINF. REQ'D.	REINFORCING REQUIRED
RT SCHED.	RIGHT SCHEDULE
SDL	SUPERIMPOSED DEAD LOAD
SECT. SER	SECTION STRUCTURAL ENGINEER OF
SF SIM.	SQUARE FOOT (FEET) SIMILAR
SOG	SLAB ON GRADE
SPA. SPEC(S)	SPACING SPECIFICATION(S)
SQ. STD.	SQUARE STANDARD
STL.	STEEL
STR STRUCT.	STRUCTURE STRUCTURAL
SYM T	SYMMETRICAL TENSION
T&B	TOP AND BOTTOM
T.O.S. T/	TOP OF STEEL TOP OF
T/FTG T/SLAB	TOP OF FOOTING TOP OF SLAB
TYP.	TYPICAL
U.N.O. VERT.	UNLESS NOTED OTHERWISE VERTICAL
W/ W/O	WITH WITHOUT
WD	WOOD
WP WWF	WORK POINT WELDED WIRE FABRIC
YD	YARD

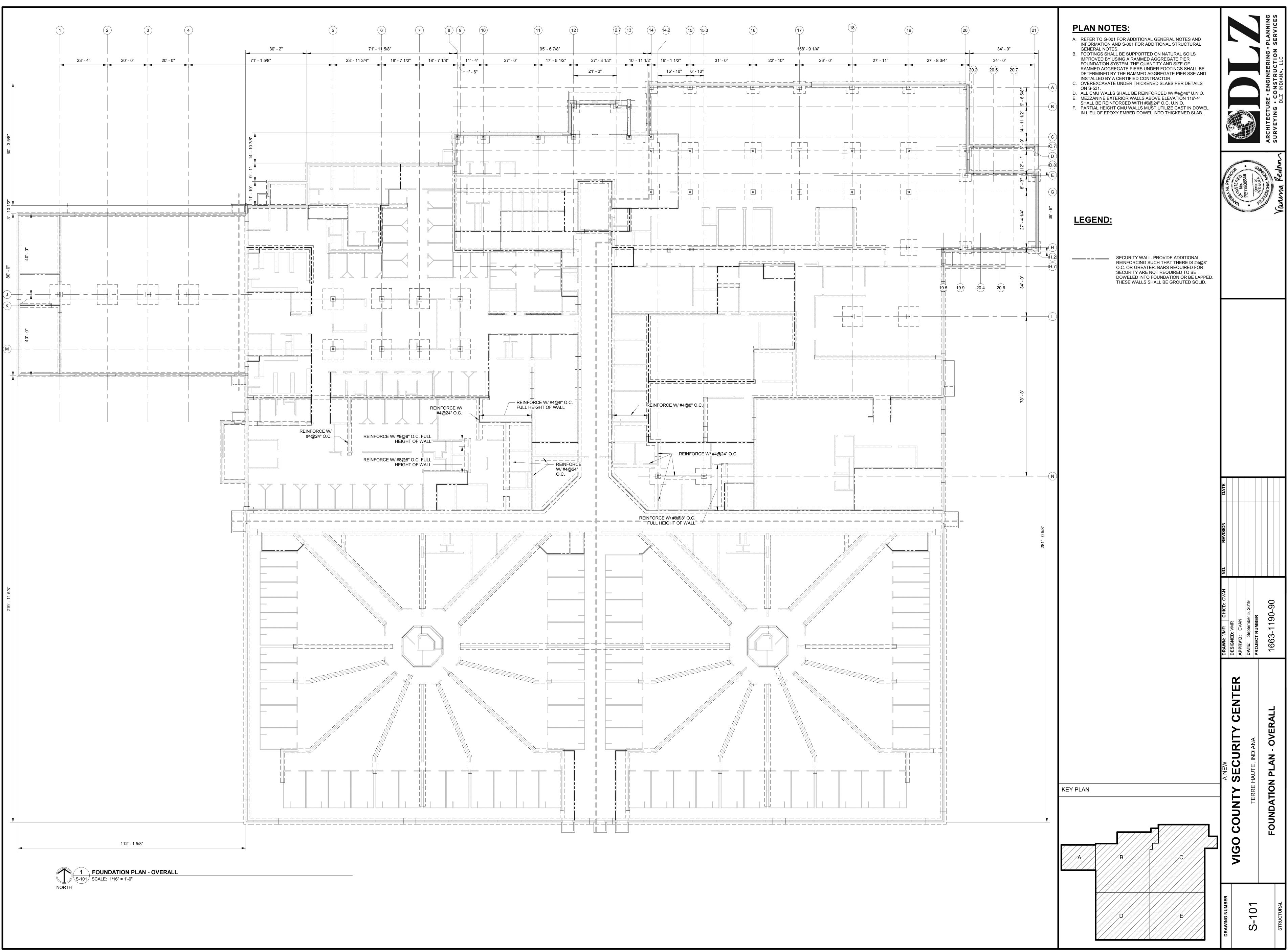
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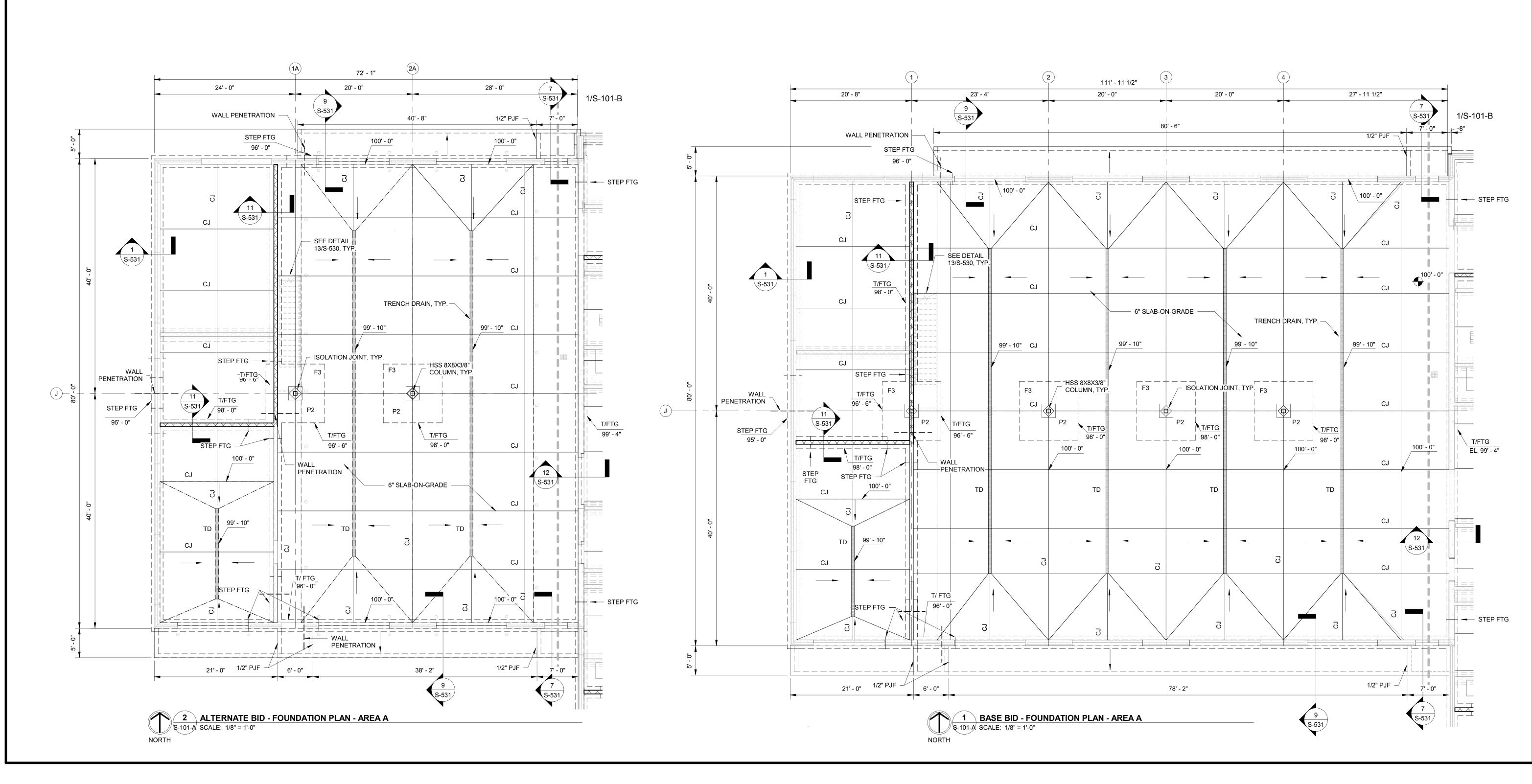
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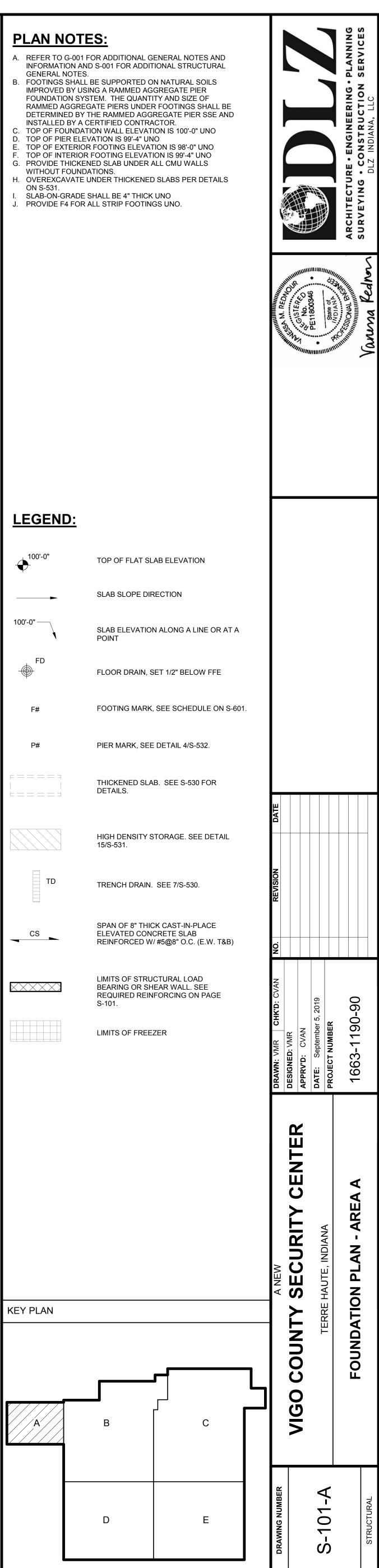


PLAN NOTES:

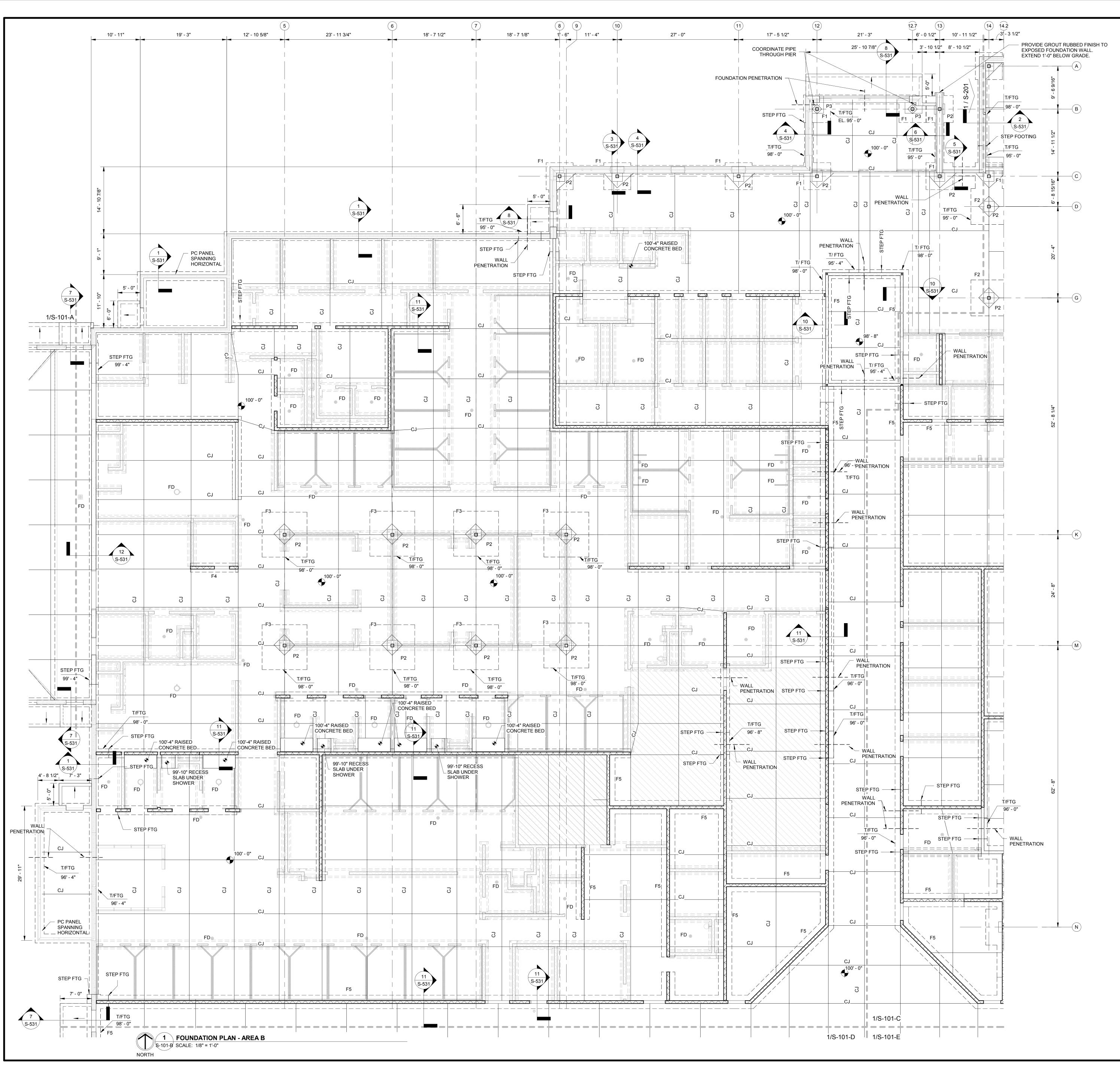
- GENERAL NOTES.

- ON S-531.

0'-0"	TOP OF FLAT SLAB
	SLAB SLOPE DIREC
	SLAB ELEVATION A POINT
FD	FLOOR DRAIN, SET
#	FOOTING MARK, SE
#	PIER MARK, SEE DE
	THICKENED SLAB. DETAILS.
	HIGH DENSITY STO 15/S-531.
TD	TRENCH DRAIN. SE
S	SPAN OF 8" THICK (ELEVATED CONCRI REINFORCED W/ #5
\times	LIMITS OF STRUCT BEARING OR SHEA REQUIRED REINFO S-101.
	LIMITS OF FREEZEF







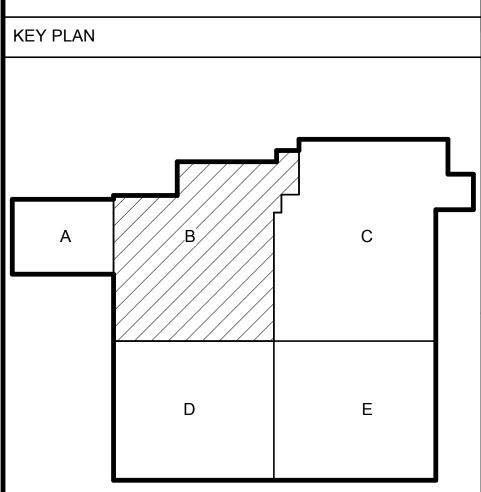
PLAN NOTES: GENERAL NOTES.

- ON S-531.

LEGEND:

	TOP OF FLAT SLAB
>	SLAB SLOPE DIREC
100'-0"	SLAB ELEVATION A POINT
FD -	FLOOR DRAIN, SET
F#	FOOTING MARK, SE
P#	PIER MARK, SEE DI
	THICKENED SLAB. DETAILS.
	HIGH DENSITY STO 15/S-531.
TD	TRENCH DRAIN. SI
CS	SPAN OF 8" THICK (ELEVATED CONCR REINFORCED W/ #5
	LIMITS OF STRUCT BEARING OR SHEA REQUIRED REINFO S 101

A. REFER TO G-001 FOR ADDITIONAL GENERAL NOTES AND INFORMATION AND S-001 FOR ADDITIONAL STRUCTURAL B. FOOTINGS SHALL BE SUPPORTED ON NATURAL SOILS IMPROVED BY USING A RAMMED AGGREGATE PIER FOUNDATION SYSTEM. THE QUANTITY AND SIZE OF RAMMED AGGREGATE PIERS UNDER FOOTINGS SHALL BE DETERMINED BY THE RAMMED AGGREGATE PIER SSE AND INSTALLED BY A CERTIFIED CONTRACTOR. TOP OF FOUNDATION WALL ELEVATION IS 100'-0" UNO D. TOP OF PIER ELEVATION IS 99'-4" UNO TOP OF EXTERIOR FOOTING ELEVATION IS 98'-0" UNO TOP OF INTERIOR FOOTING ELEVATION IS 99'-4" UNO G. PROVIDE THICKENED SLAB UNDER ALL CMU WALLS WITHOUT FOUNDATIONS. H. OVEREXCAVATE UNDER THICKENED SLABS PER DETAILS I. SLAB-ON-GRADE SHALL BE 4" THICK UNO J. PROVIDE F4 FOR ALL STRIP FOOTINGS UNO. **B ELEVATION** CTION ALONG A LINE OR AT A T 1/2" BELOW FFE SEE SCHEDULE ON S-601. DETAIL 4/S-532. . SEE S-530 FOR ORAGE. SEE DETAIL SEE 7/S-530. K CAST-IN-PLACE RETE SLAB #5@8" O.C. (E.W. T&B) TURAL LOAD EAR WALL. SEE FORCING ON PAGE S-101. LIMITS OF FREEZER 66 DES APP DAT PRO Ŷ Ζ Ŷ C S S Ο 0



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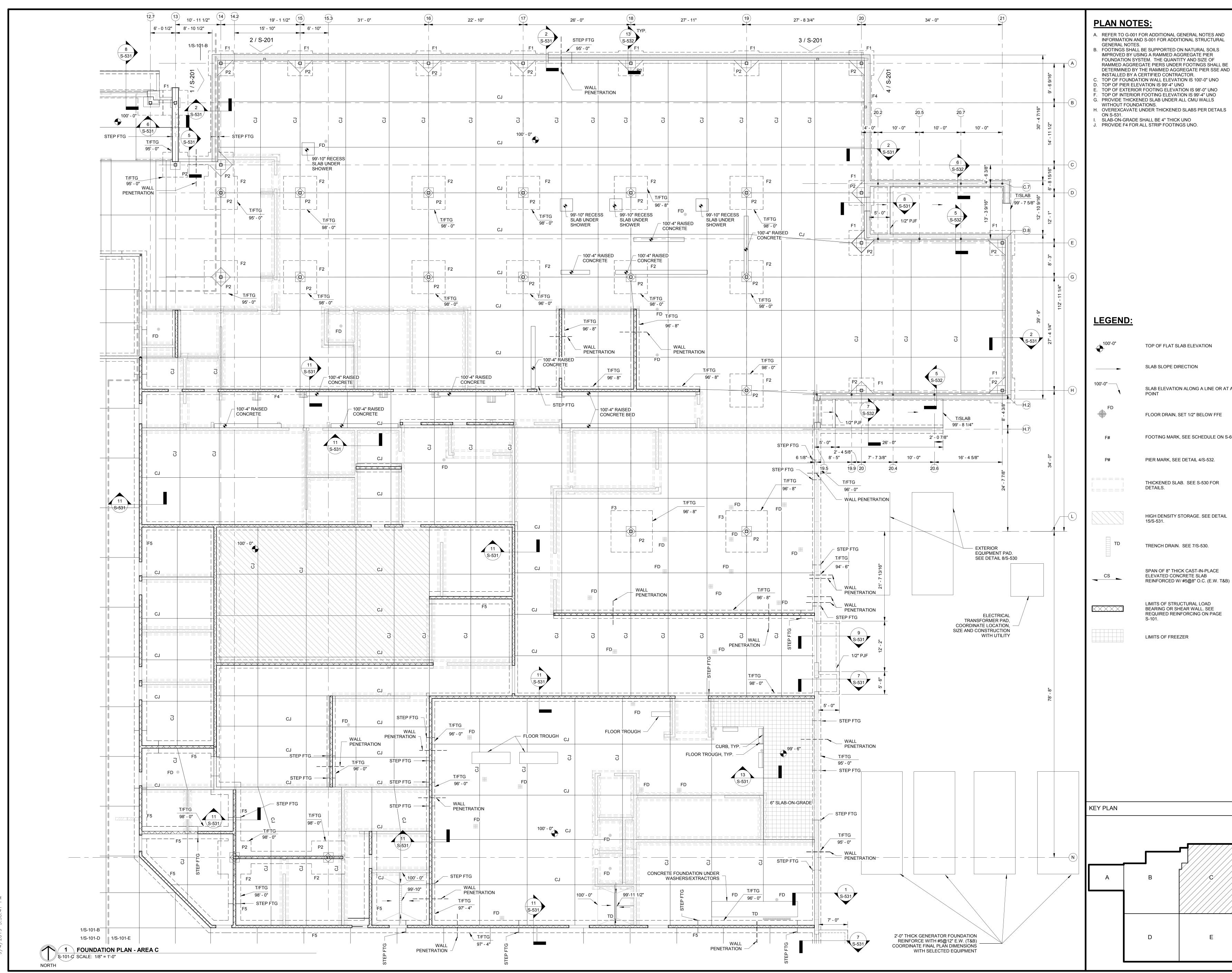
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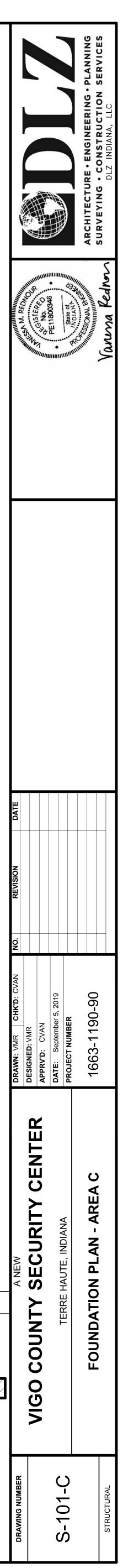
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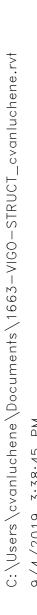
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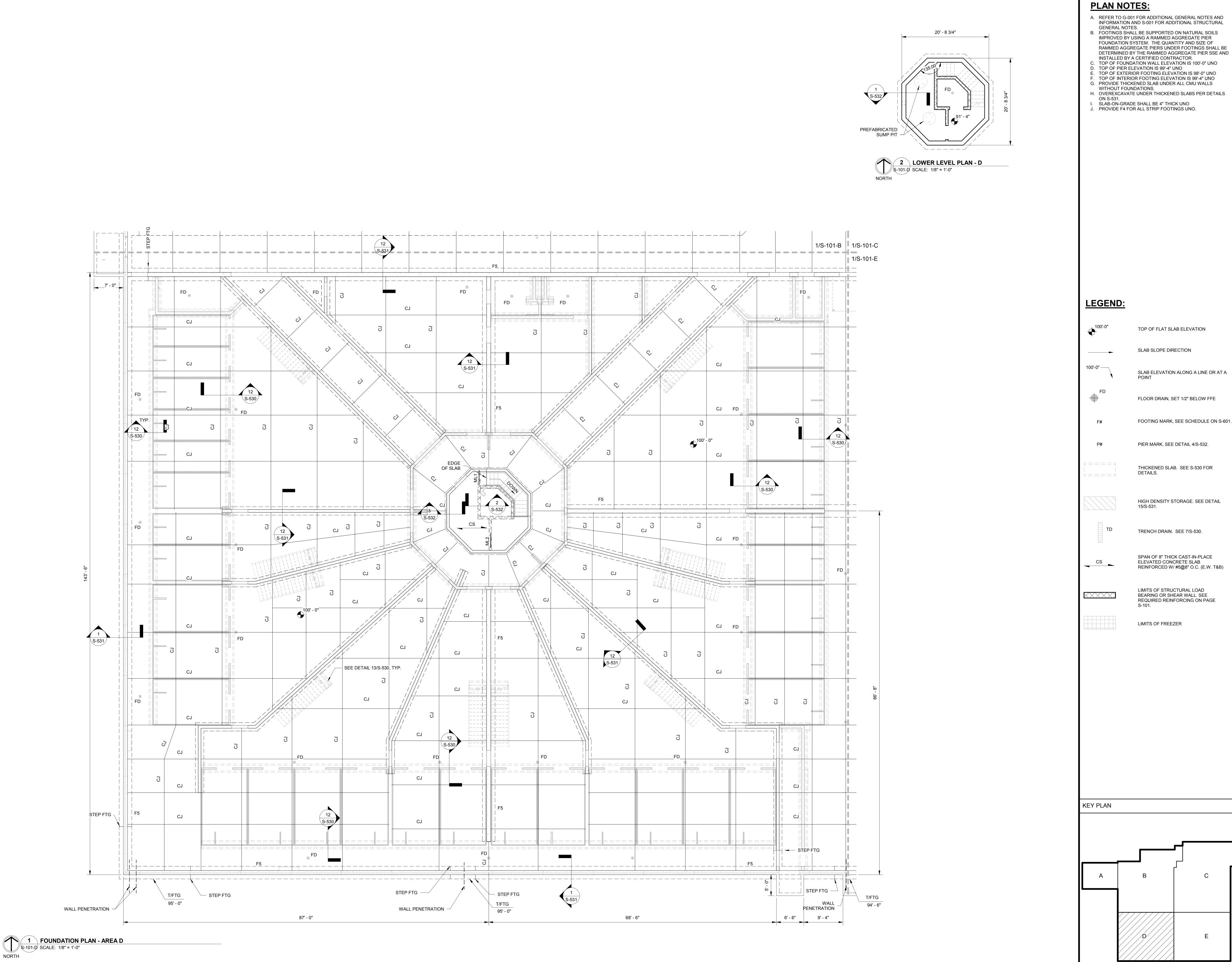


- SLAB ELEVATION ALONG A LINE OR AT A
- FOOTING MARK, SEE SCHEDULE ON S-601.
- REINFORCED W/ #5@8" O.C. (E.W. T&B)

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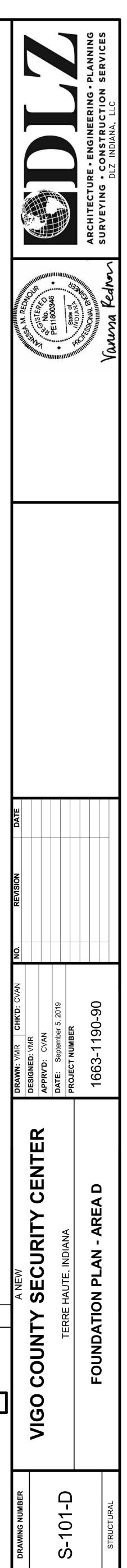


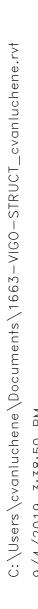


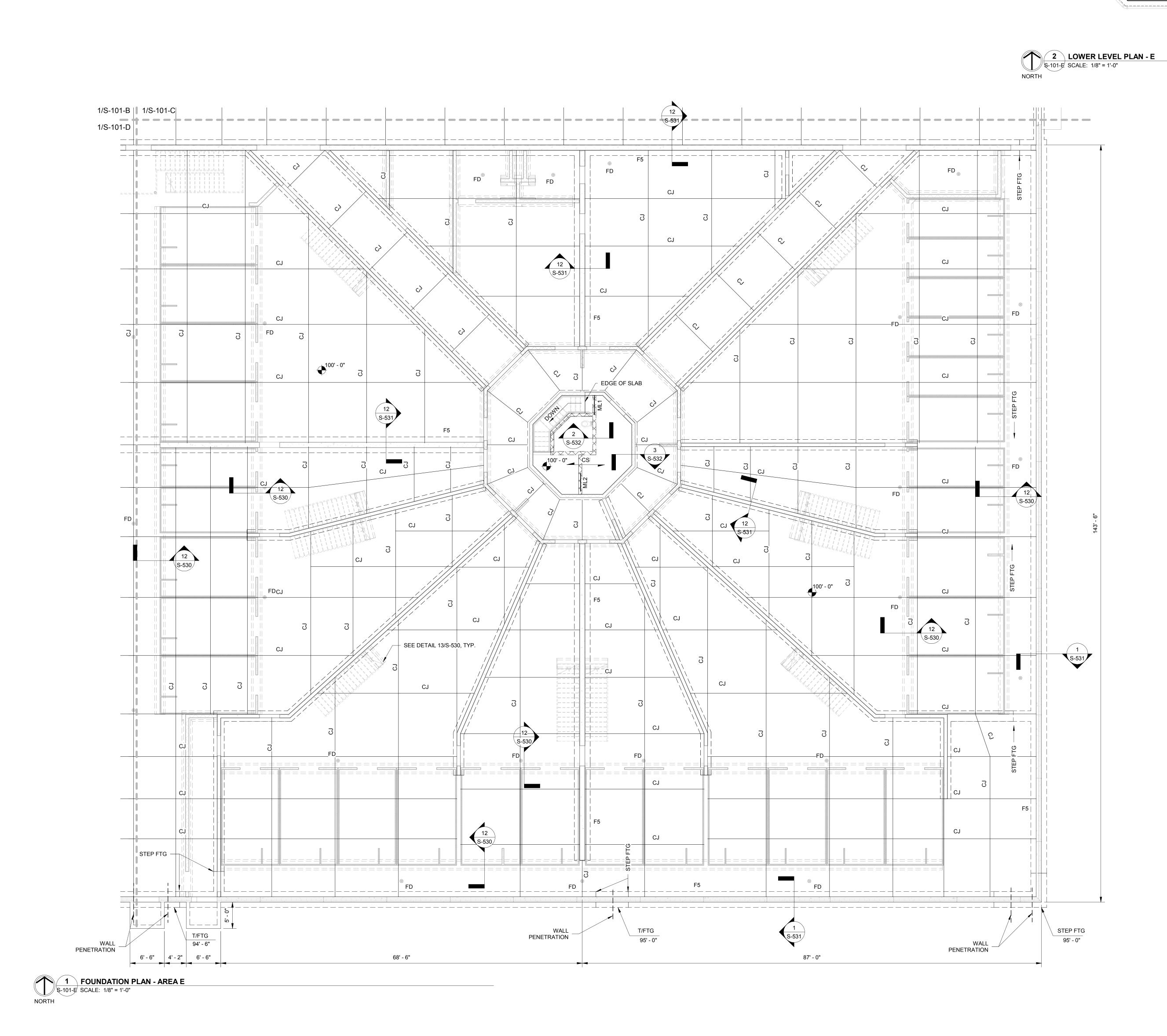


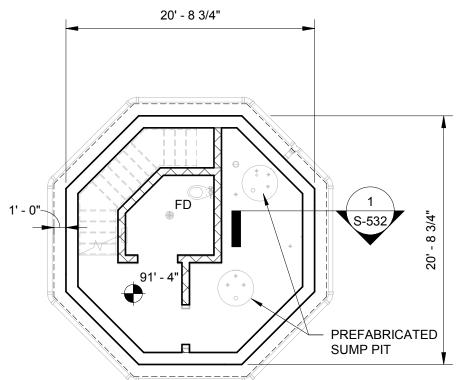
FOOTING MARK, SEE SCHEDULE ON S-601.

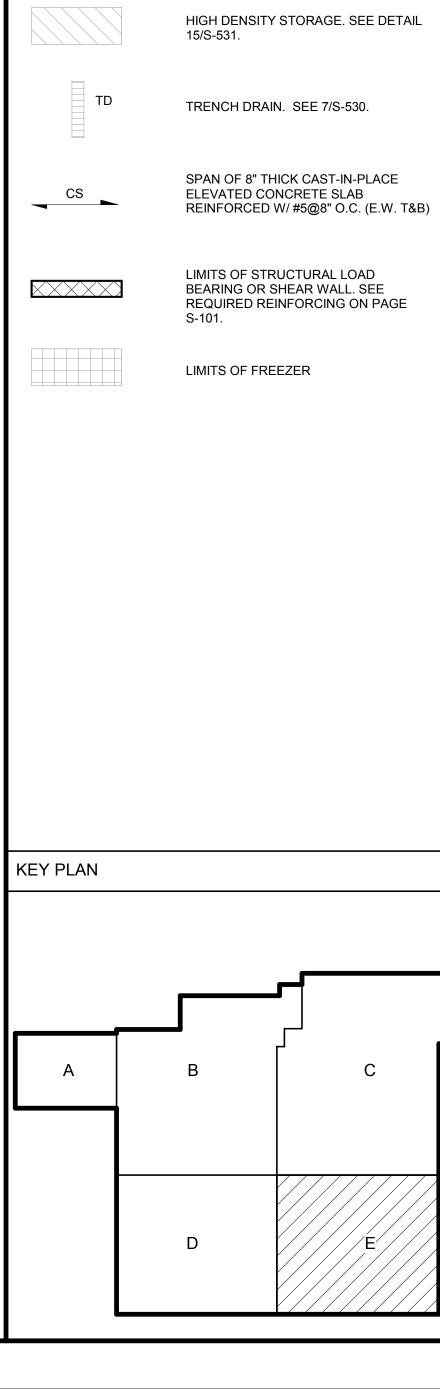
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LEGEND:

100'-0"

100'-0" —

-

F#

P#

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PLAN NOTES: A. REFER TO G-001 FOR ADDITIONAL GENERAL NOTES AND INFORMATION AND S-001 FOR ADDITIONAL STRUCTURAL GENERAL NOTES. B. FOOTINGS SHALL BE SUPPORTED ON NATURAL SOILS DETERMINED BY THE RAMMED AGGREGATE PIER SSE AND

WITHOUT FOUNDATIONS.

ON S-531.

IMPROVED BY USING A RAMMED AGGREGATE PIER FOUNDATION SYSTEM. THE QUANTITY AND SIZE OF RAMMED AGGREGATE PIERS UNDER FOOTINGS SHALL BE

INSTALLED BY A CERTIFIED CONTRACTOR. TOP OF FOUNDATION WALL ELEVATION IS 100'-0" UNO D. TOP OF PIER ELEVATION IS 99'-4" UNO TOP OF EXTERIOR FOOTING ELEVATION IS 98'-0" UNO F. TOP OF INTERIOR FOOTING ELEVATION IS 99'-4" UNOG. PROVIDE THICKENED SLAB UNDER ALL CMU WALLS H. OVEREXCAVATE UNDER THICKENED SLABS PER DETAILS SLAB-ON-GRADE SHALL BE 4" THICK UNO J. PROVIDE F4 FOR ALL STRIP FOOTINGS UNO.

TOP OF FLAT SLAB ELEVATION

SLAB SLOPE DIRECTION

POINT

DETAILS.

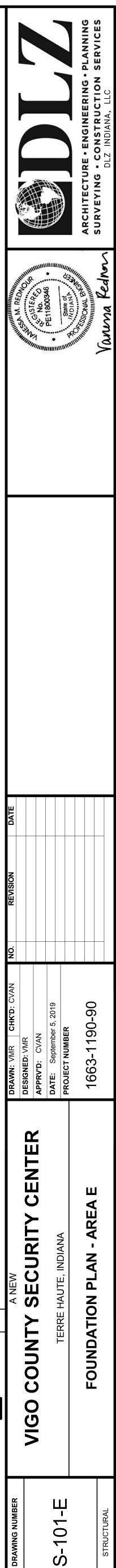
SLAB ELEVATION ALONG A LINE OR AT A

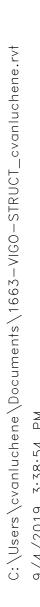
FLOOR DRAIN, SET 1/2" BELOW FFE

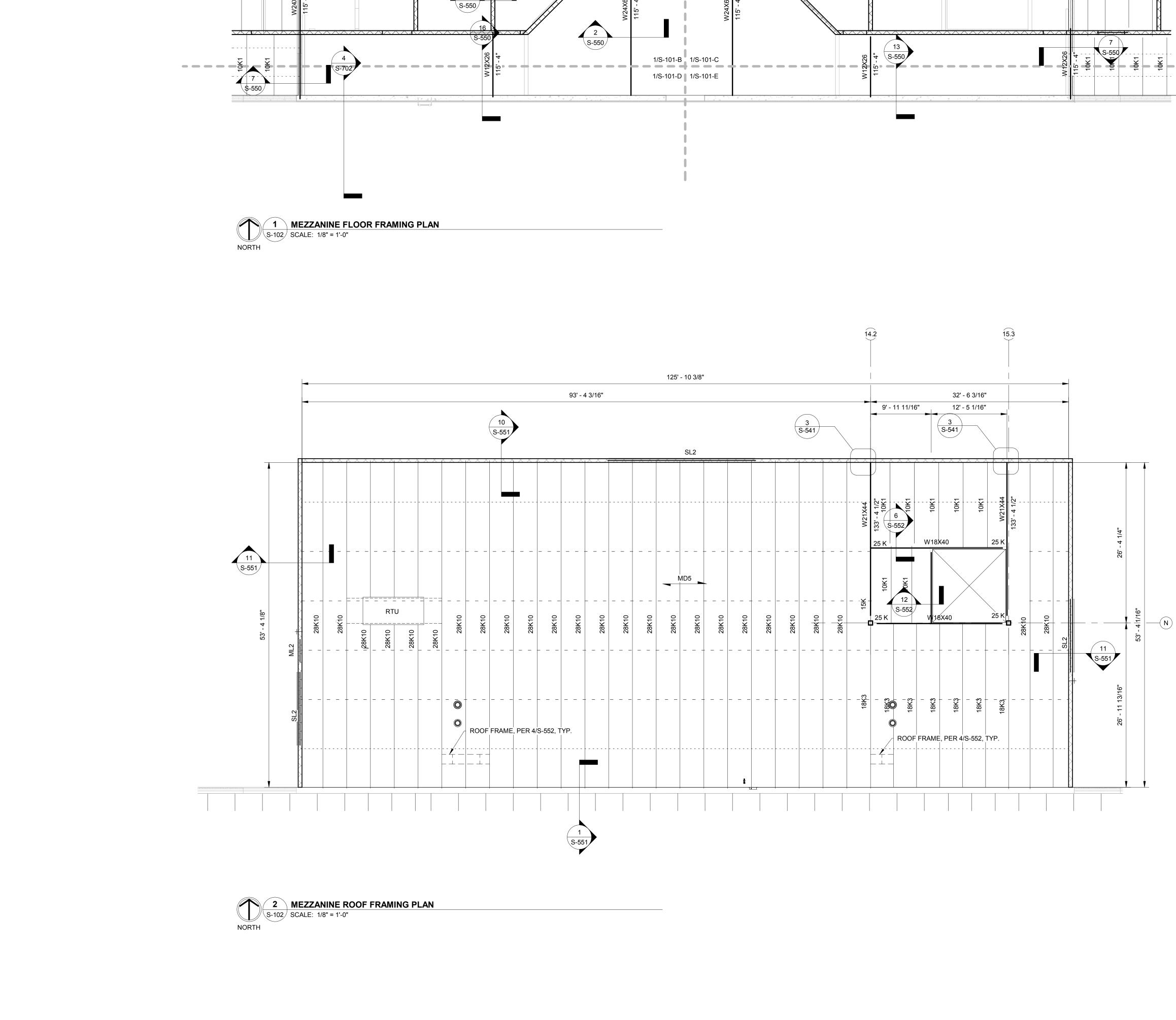
FOOTING MARK, SEE SCHEDULE ON S-601.

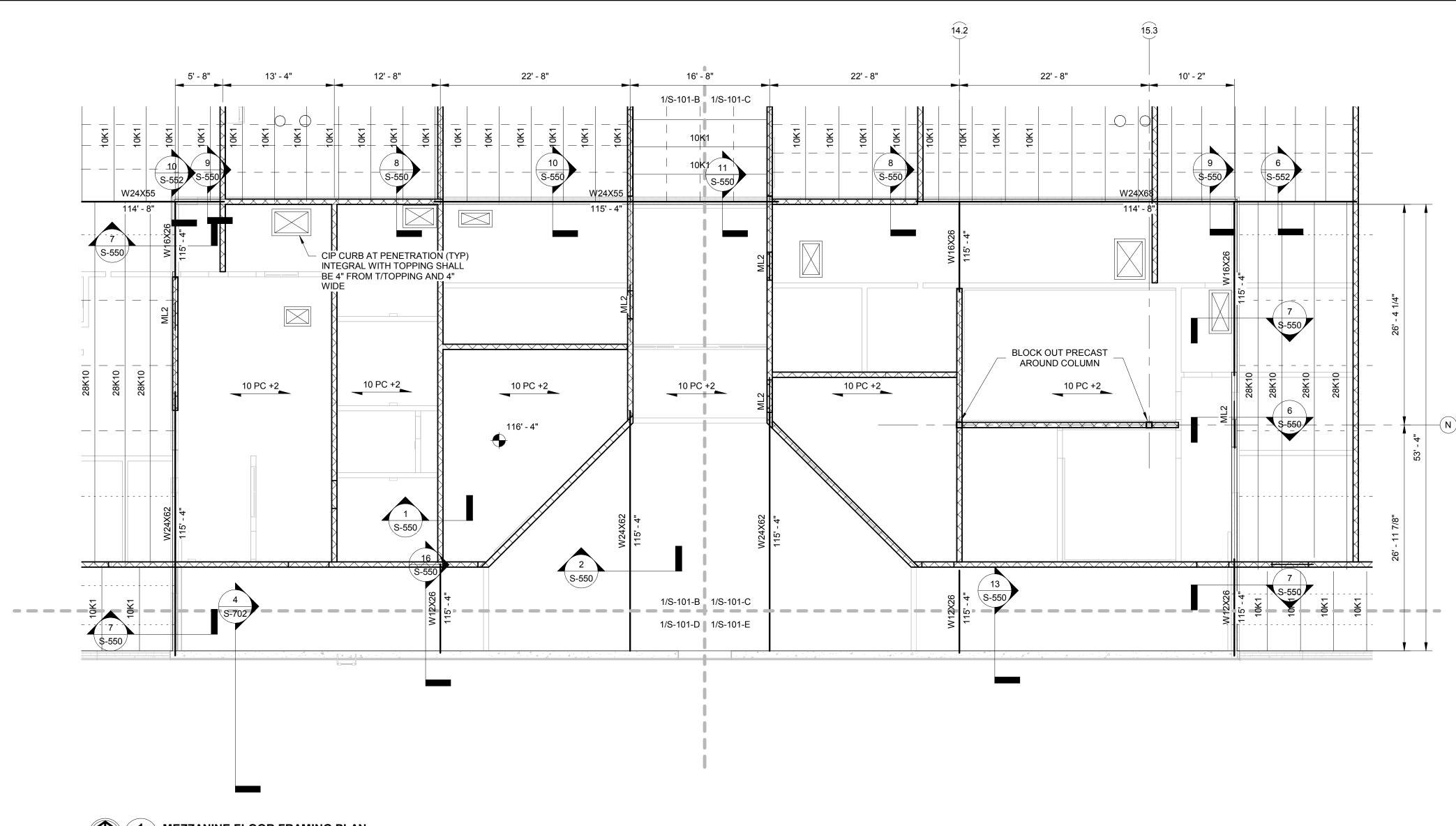
PIER MARK, SEE DETAIL 4/S-532.

THICKENED SLAB. SEE S-530 FOR



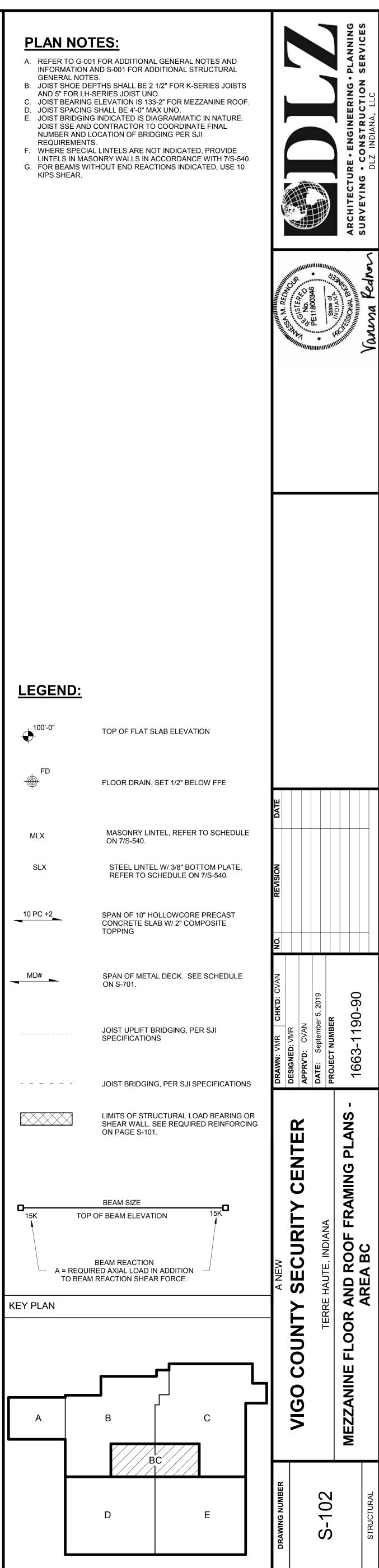


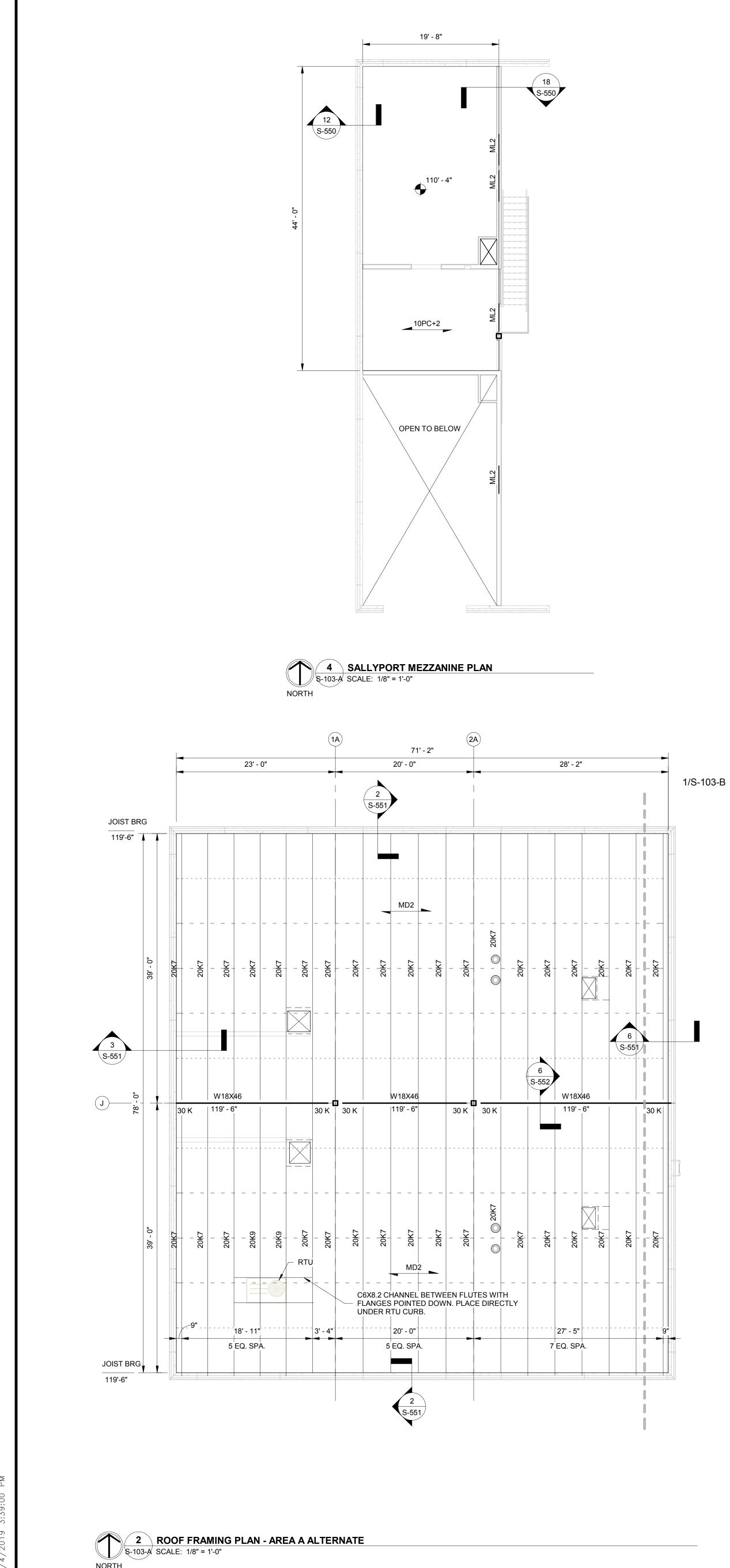


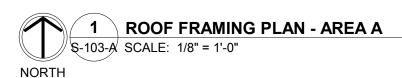


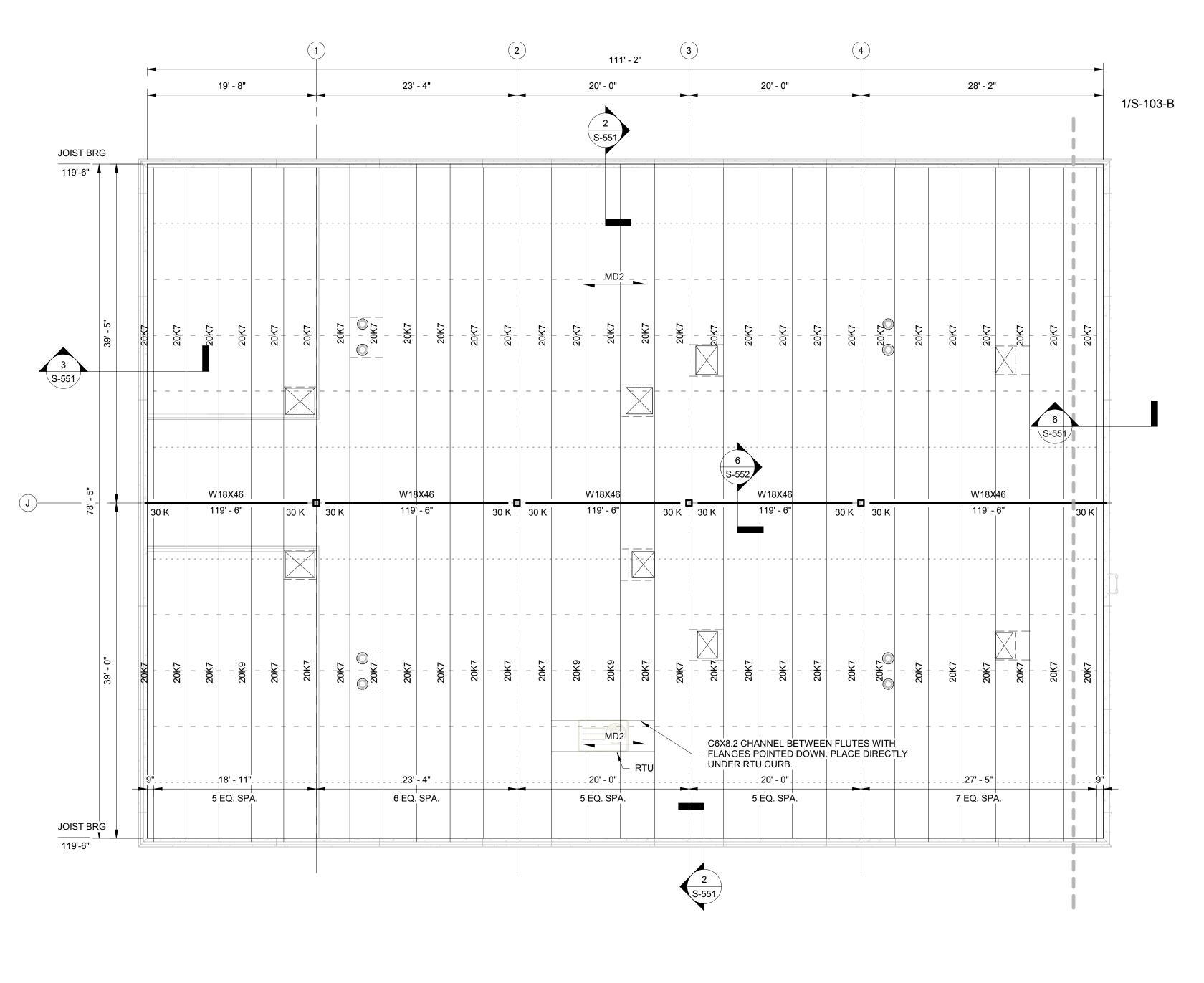
REFER TO G-001 FOR ADDITIONAL (
INFORMATION AND S-001 FOR ADD
GENERAL NOTES

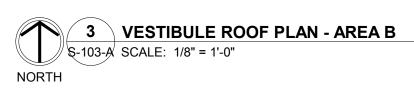
- - REQUIREMENTS.

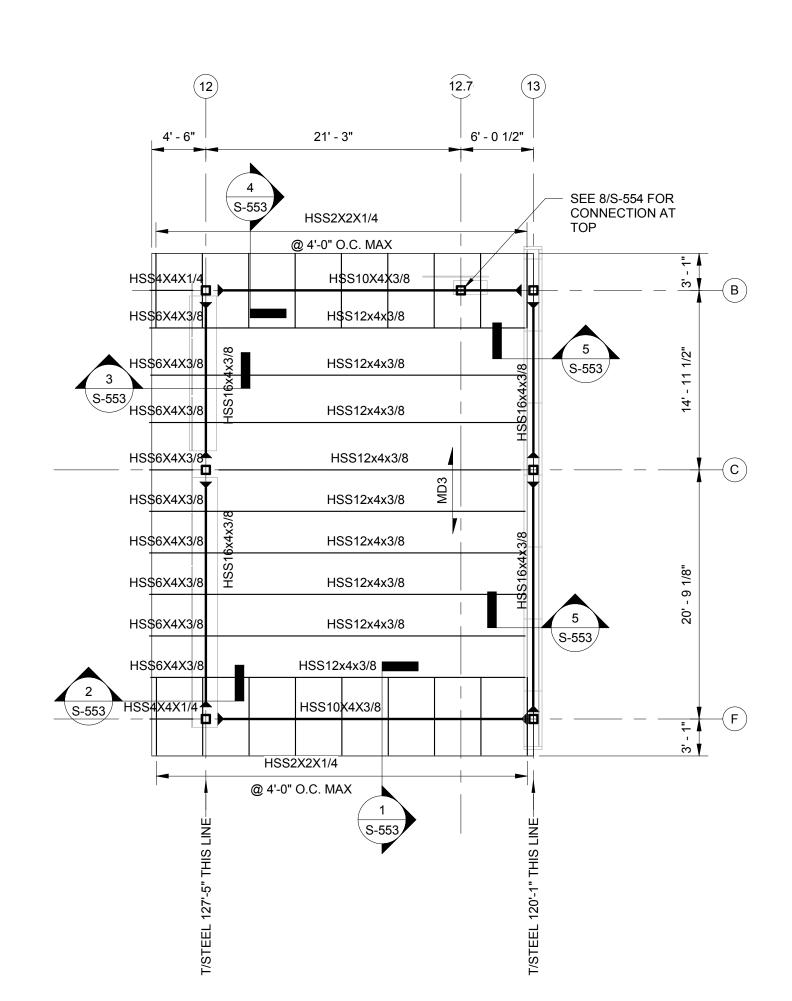








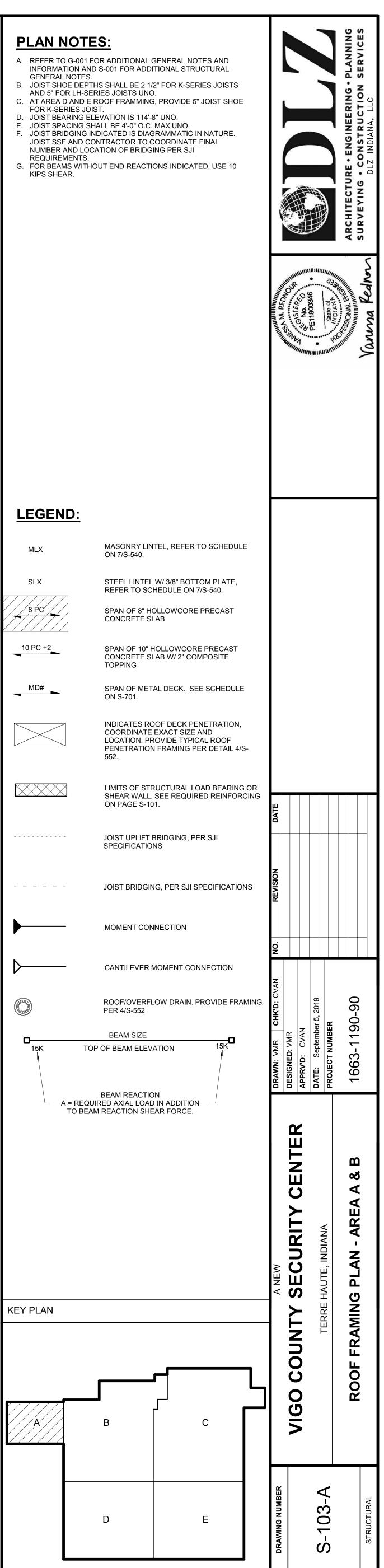


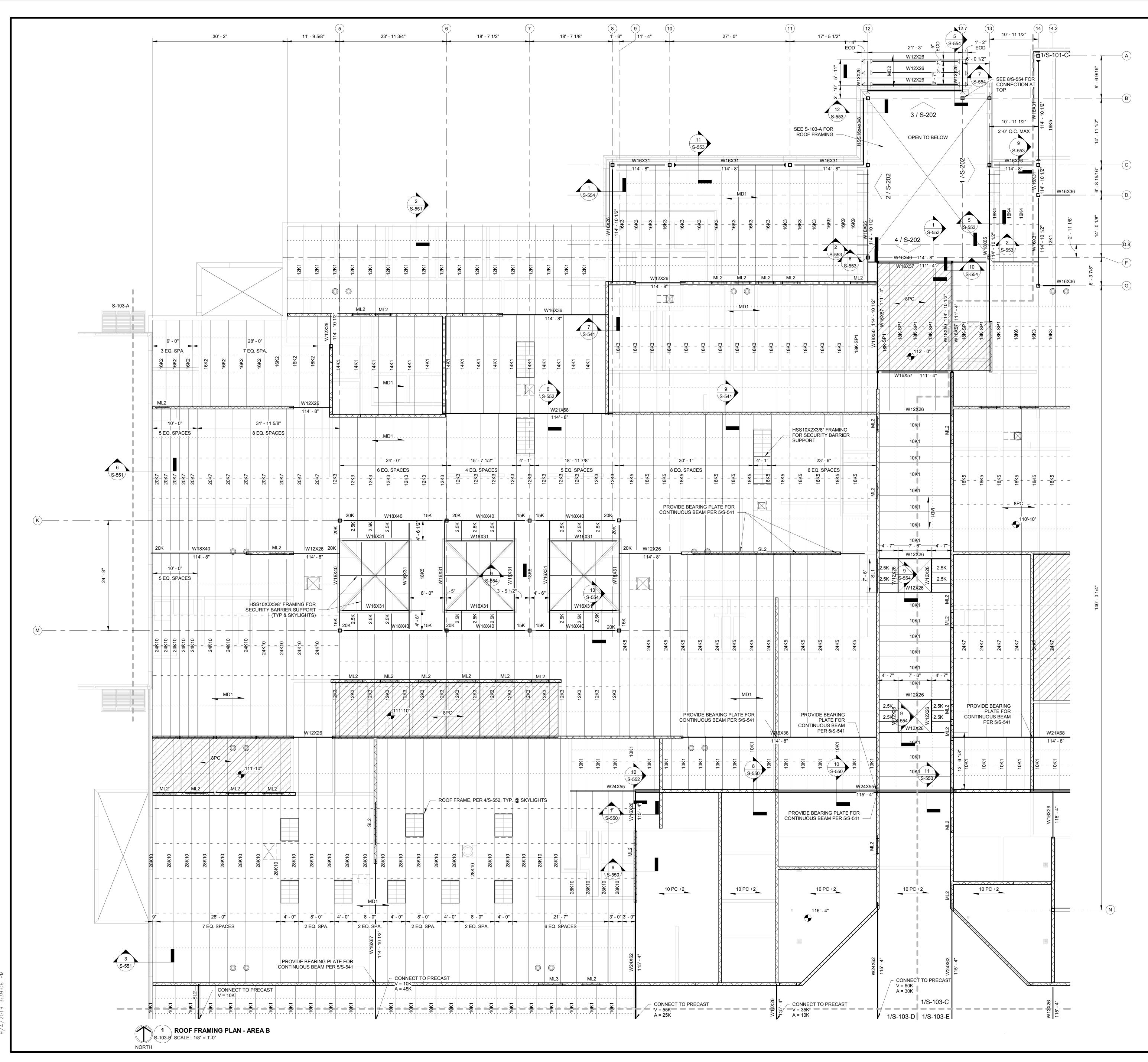


PLAN NOTES:

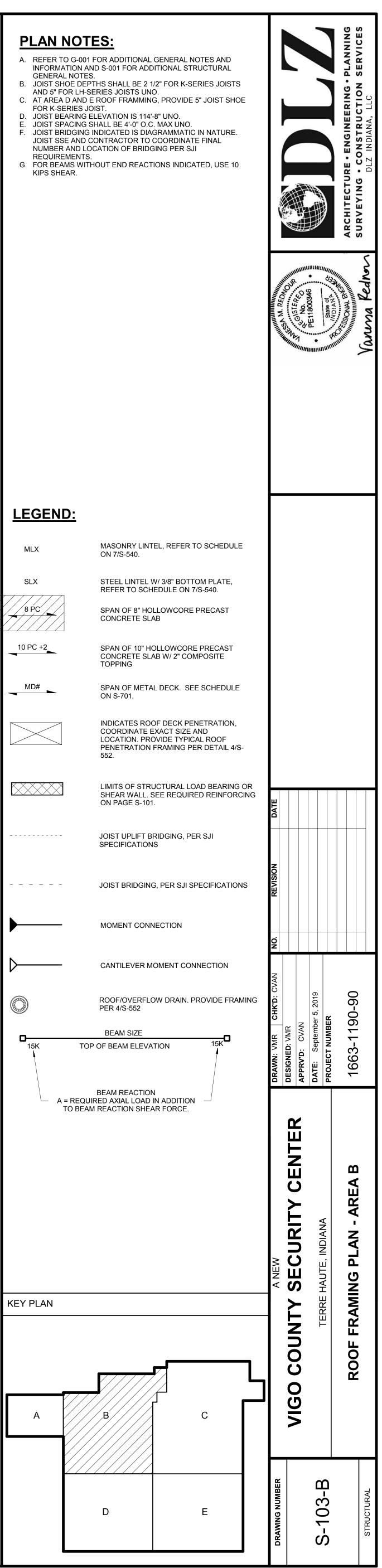
- GENERAL NOTES.
- AND 5" FOR LH-SERIES JOISTS UNO. FOR K-SERIES JOIST.
- REQUIREMENTS.
- KIPS SHEAR.

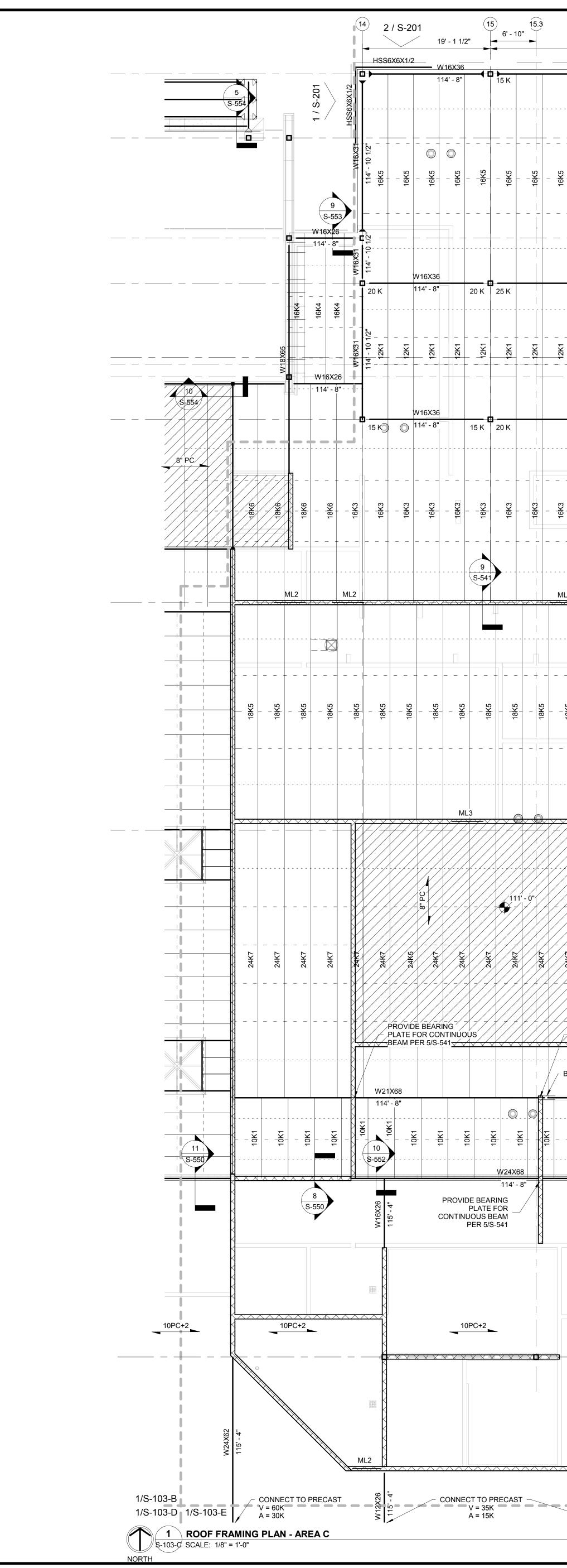
LEGEND:





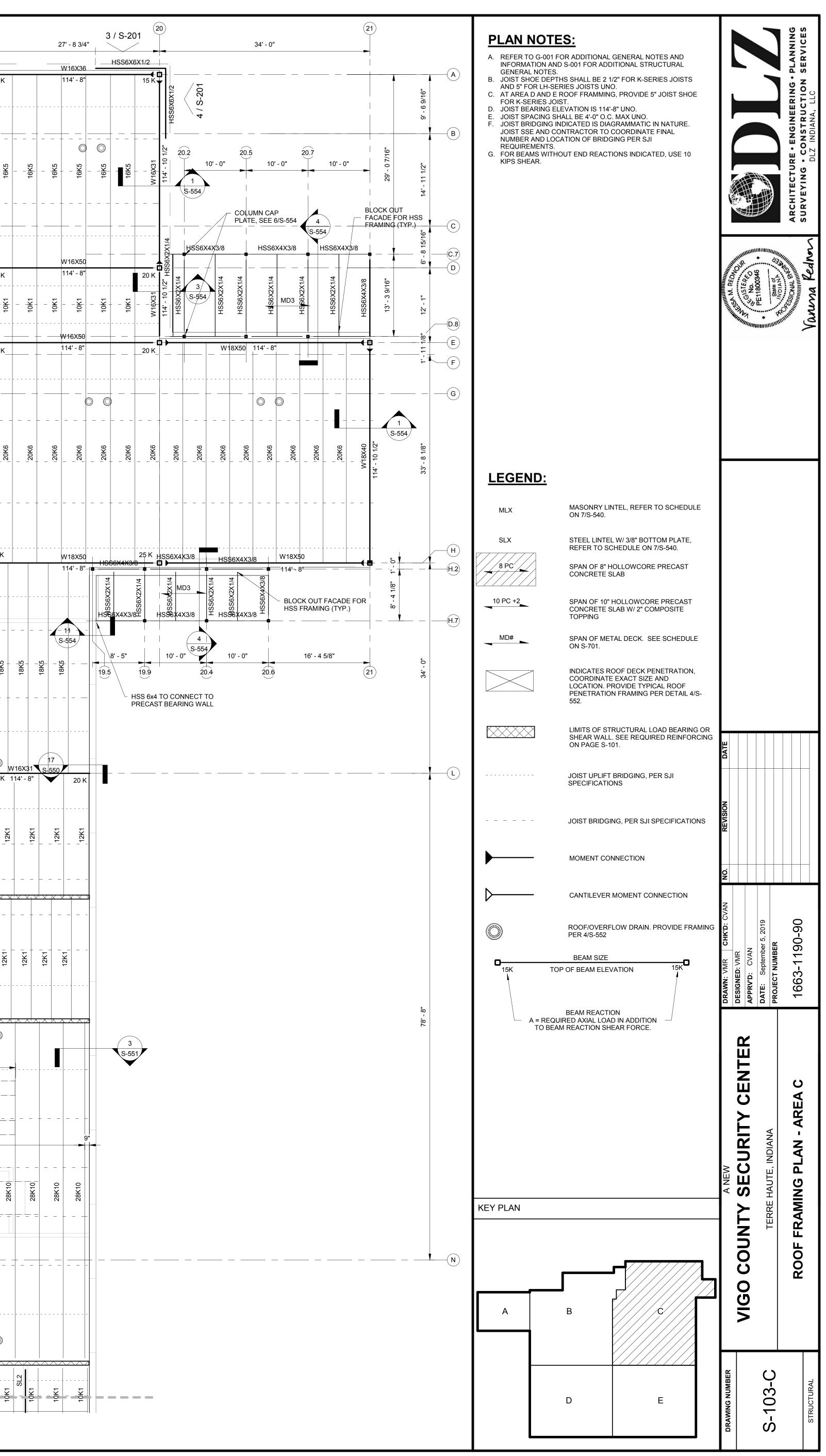
- GENERAL NOTES.
- REQUIREMENTS.





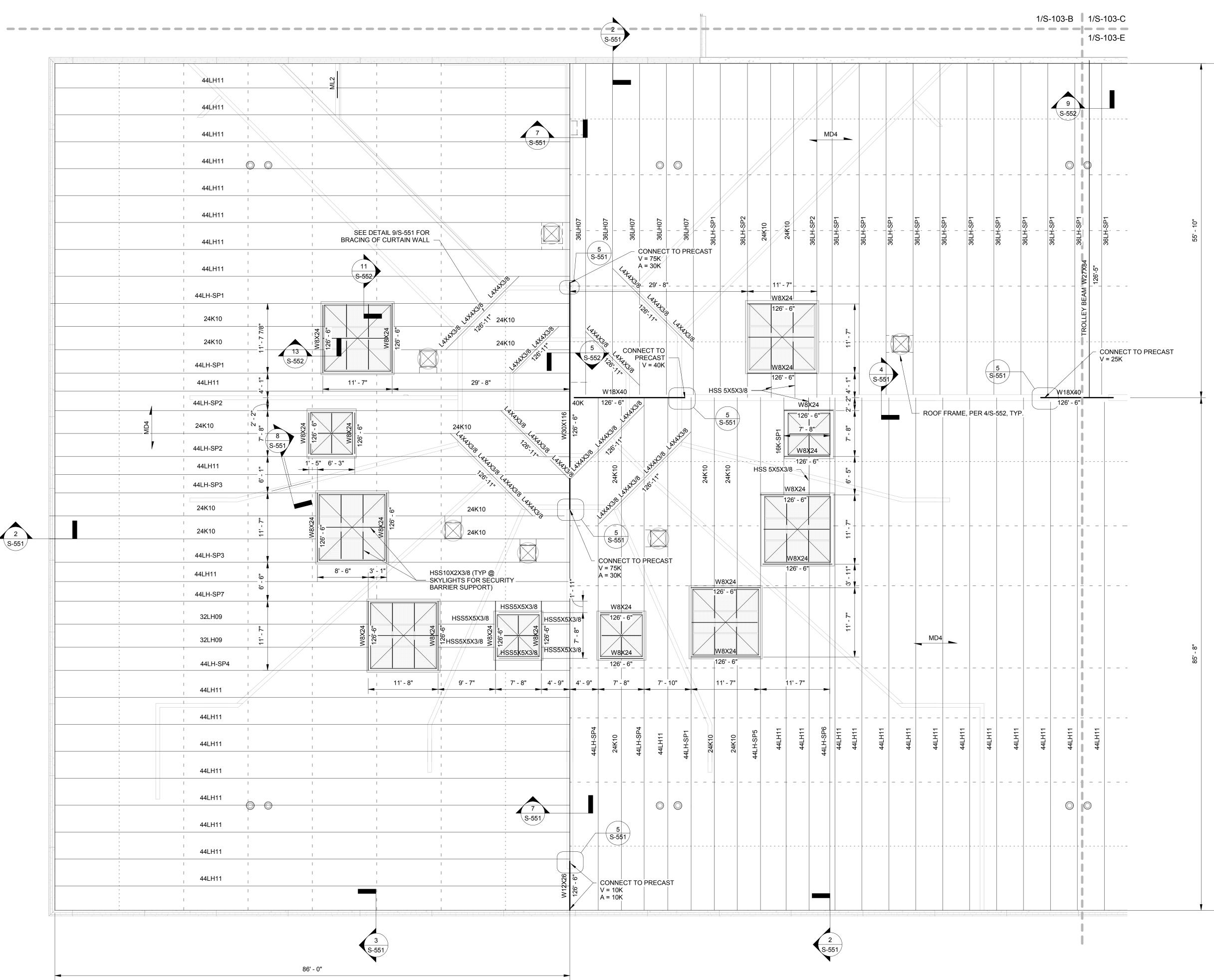
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(2 S-554	3	1' - 0"			(1	6				22' -	10"				(17)					26' - (0"			(18				27' - 11'				(1	9
	/16X40 14' - 8"					−4 € 15 K	■ ▶				W16>						5 K				W16X				15 K	 15 K				W16X36 114' - 8'				15 K	15 K
16K5	C 401	16K5	16K5		16K5 	16K5		16K5	16K5 -		16K5	 	2	16K5	 		16K5	 © 37		16K5			16K5	 16K5	 16K5		2	16K5	16K5 	16K5		16K5 	16K5	 	16K5
	 W16X5					·				_								_	 /16X												_				
	114' - 8	12K1 	12K1		12K1 -	25 K		12K1 - X	12K1 -		- 114 	- 8"		12K1 -		K 2	12K1 - 13			- 8" 			008 - 17 2 K1	F FRA	ME, PE		52, TYI	12K1	12K1	114' - 8' 		12K1	12K1		114'-8" 15 K 70 10K1 10K1
	/16X57 14' - 8"					20 K	15	K		_	W16>				15		20 K				W16X				20 k					W16X50					20 K_ Y <u>S</u>
16K3			- 16K3		16K6	16K3			16K3		16K3	M	D1	16K3		2	16K3		500 	16K3		207	16(3		- 19 19	16K3 -	2	 	16K3	16K3				16 [–] – – –	 20K6
ML2	-		 	л. – ЛL2		ML2										ML2		W16		$\overline{\mathbf{X}}$			8" PC	12' - 0"										15 K	25 K
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PRO PLA BEA BEAM		R COI 5/S-5	NTINU 541 /~~											-				12K1		12K1	12K1		12K1	12K1	12K1	12K1	1281		12K1 ⁻	12K1	12K1	12K1	12K1	12K1	12K1
 	10K1	W21 114' 114'	- 8"		10K1																			UTES						W8X1	8			- 8"	
(10 S-552 97	2'	 - 10" - 1(_ D' - 7	3/8"								-				— F		ES F	POINT	TED D	OWN	I. PLA	ACE DI	RECTL 			- cc		 ISING L	 JNITS				
	W16	28K10 115'-	28K10			28K10	X X X X X X X X X X X X X X X X X X X	01 VOZ	28K-SP1	_	28K-SP1			28K-SP1		784247	28K-SP2		28K-SP2	28K10		28K10	28K10			_	28K10	28K10	28K10			28K10		28K10	
	WL2		6	 7	5 		X X X X X X X X													 M	 1D1														
M			8" 																		ML	2						2			ML3		M	C L3	
-	W12X26	10K1		10K1	10K1		10K1			10K1		10K1	10K1		10K1		10K1	- 10K1		10K1			10K1	10K1			10K1	10K1	- 10K1	-01 10K		10K1	10K1	10K1	



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	MD4	24K10	7' - 8"	8
		44LH-SP2		S-55
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		44LH-SP7		
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1 ROOF FRAMING PLAN - AREA D S-103-D SCALE: 1/8" = 1'-0" NORTH

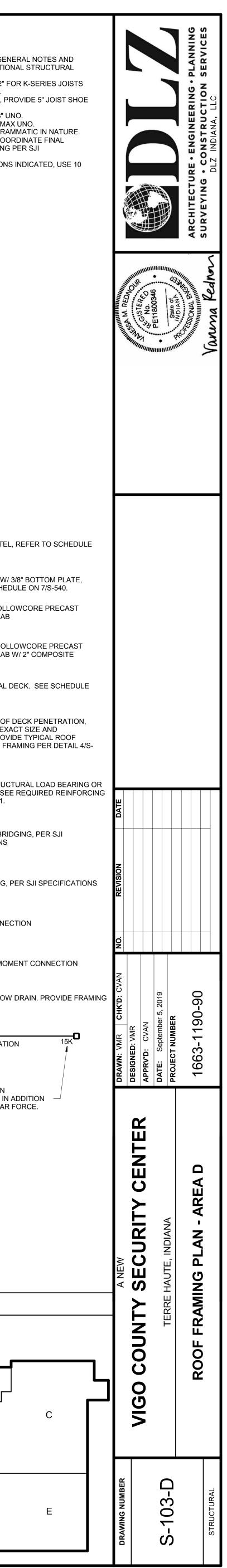


PLAN NOTES:

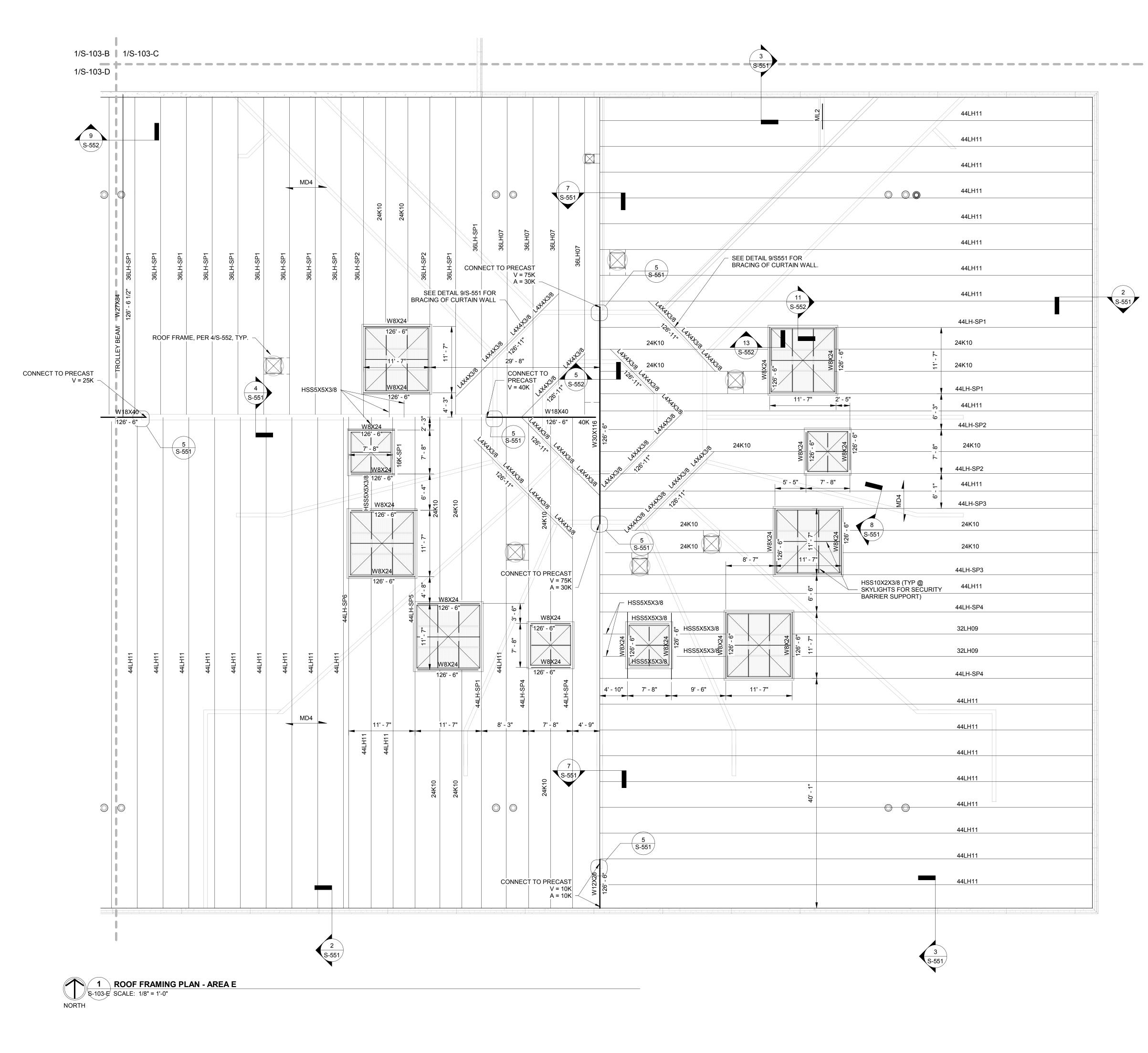
- A. REFER TO G-001 FOR ADDITIONAL GENERAL NOTES AND INFORMATION AND S-001 FOR ADDITIONAL STRUCTURAL GENERAL NOTES.
- B. JOIST SHOE DEPTHS SHALL BE 2 1/2" FOR K-SERIES JOISTS AND 5" FOR LH-SERIES JOISTS UNO. C. AT AREA D AND E ROOF FRAMMING, PROVIDE 5" JOIST SHOE FOR K-SERIES JOIST.
- D. JOIST BEARING ELEVATION IS 114'-8" UNO. . JOIST SPACING SHALL BE 4'-0" O.C. MAX UNO.
- JOIST BRIDGING INDICATED IS DIAGRAMMATIC IN NATURE. JOIST SSE AND CONTRACTOR TO COORDINATE FINAL NUMBER AND LOCATION OF BRIDGING PER SJI
- REQUIREMENTS. G. FOR BEAMS WITHOUT END REACTIONS INDICATED, USE 10 KIPS SHEAR.

LEGEND:

MLX	MASONRY LINTE ON 7/S-540.
SLX	STEEL LINTEL W/ REFER TO SCHE
8 PC	SPAN OF 8" HOLL CONCRETE SLAE
10 PC +2	SPAN OF 10" HOL
	CONCRETE SLAE TOPPING
MD#	SPAN OF METAL ON S-701.
	INDICATES ROOF COORDINATE EX LOCATION. PROV PENETRATION FF 552.
×××××	LIMITS OF STRUC SHEAR WALL. SE ON PAGE S-101.
	- JOIST UPLIFT BRI SPECIFICATIONS
	- JOIST BRIDGING,
	- MOMENT CONNE
>	- CANTILEVER MO
	ROOF/OVERFLOV PER 4/S-552
D	BEAM SIZE TOP OF BEAM ELEVATI
	BEAM REACTION A = REQUIRED AXIAL LOAD IN TO BEAM REACTION SHEAR
ey plan	
A	В
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l	







PLAN NOTES:

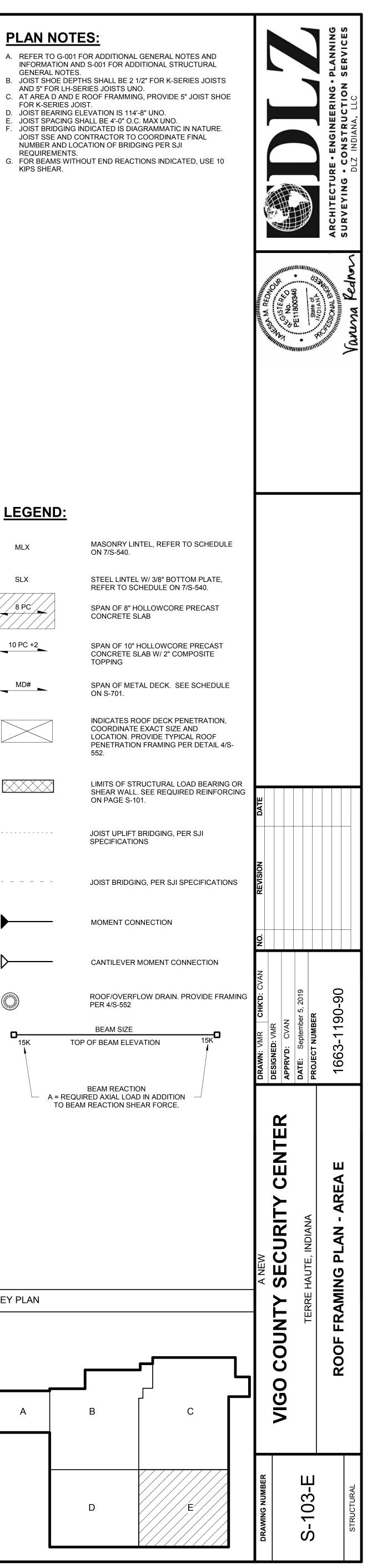
- A. REFER TO G-001 FOR ADDITIONAL GENERAL NOTES AND INFORMATION AND S-001 FOR ADDITIONAL STRUCTURAL GENERAL NOTES.
- B. JOIST SHOE DEPTHS SHALL BE 2 1/2" FOR K-SERIES JOISTS AND 5" FOR LH-SERIES JOISTS UNO.
 C. AT AREA D AND E ROOF FRAMMING, PROVIDE 5" JOIST SHOE
- FOR K-SERIES JOIST.
- NUMBER AND LOCATION OF BRIDGING PER SJI
- KIPS SHEAR.

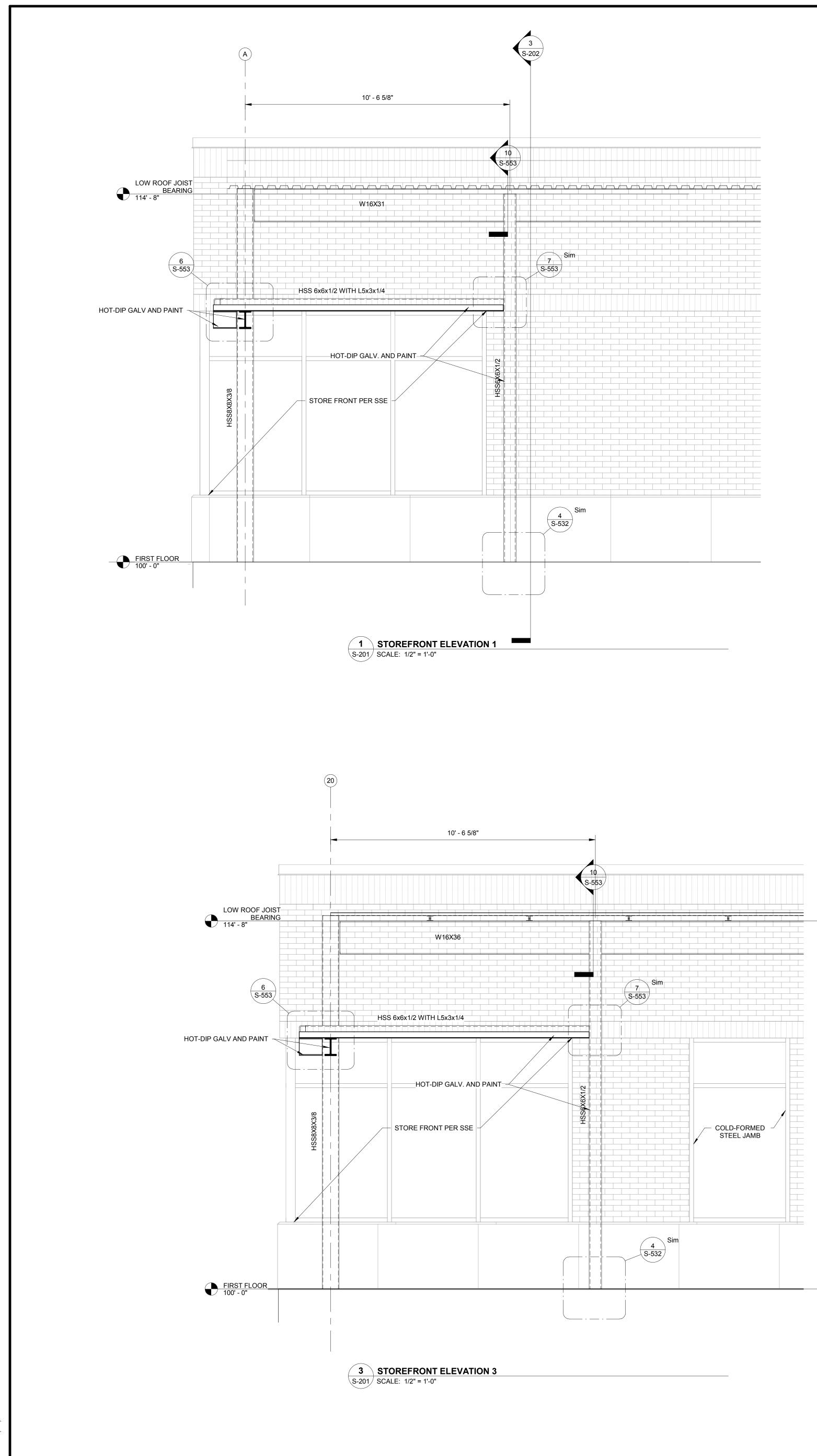
44LH11 44LH11 44LH11 44LH11 44LH11 44LH11 44LH11 44LH11 S-551 44LH-SP1 24K10 24K10 44LH-SP1 44LH11 44LH-SP2 24K10 44LH-SP2 44LH11 44LH-SP3 24K10 24K10 44LH-SP3 44LH11 44LH-SP4 32LH09 32LH09 44LH-SP4 44LH11 44LH11 44LH11 44LH11 44LH11 44LH11 44LH11 44LH11

2

LEGEND:

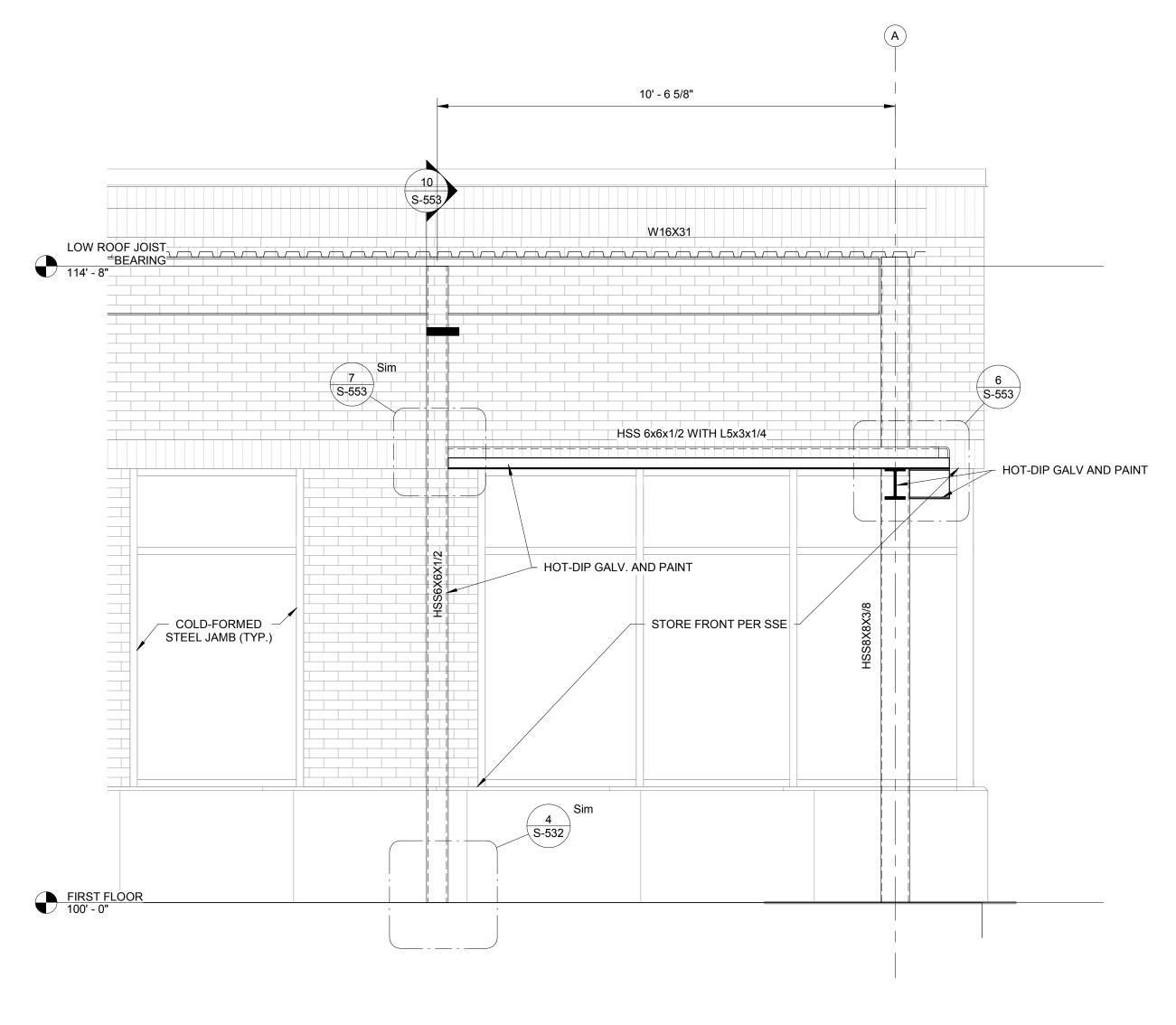
MLX	MASONRY LINTEL ON 7/S-540.
SLX	STEEL LINTEL W/ REFER TO SCHEE
8 PC	SPAN OF 8" HOLL CONCRETE SLAB
10 PC +2	SPAN OF 10" HOL CONCRETE SLAB TOPPING
MD#	SPAN OF METAL I ON S-701.
	INDICATES ROOF COORDINATE EXA LOCATION. PROV PENETRATION FR 552.
	LIMITS OF STRUC SHEAR WALL. SEI ON PAGE S-101.
	JOIST UPLIFT BRID SPECIFICATIONS
	JOIST BRIDGING,
	- MOMENT CONNE
>	- CANTILEVER MON
	ROOF/OVERFLOW PER 4/S-552
_	BEAM SIZE
15K	TOP OF BEAM ELEVATION BEAM REACTION A = REQUIRED AXIAL LOAD IN TO BEAM REACTION SHEAR
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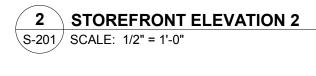


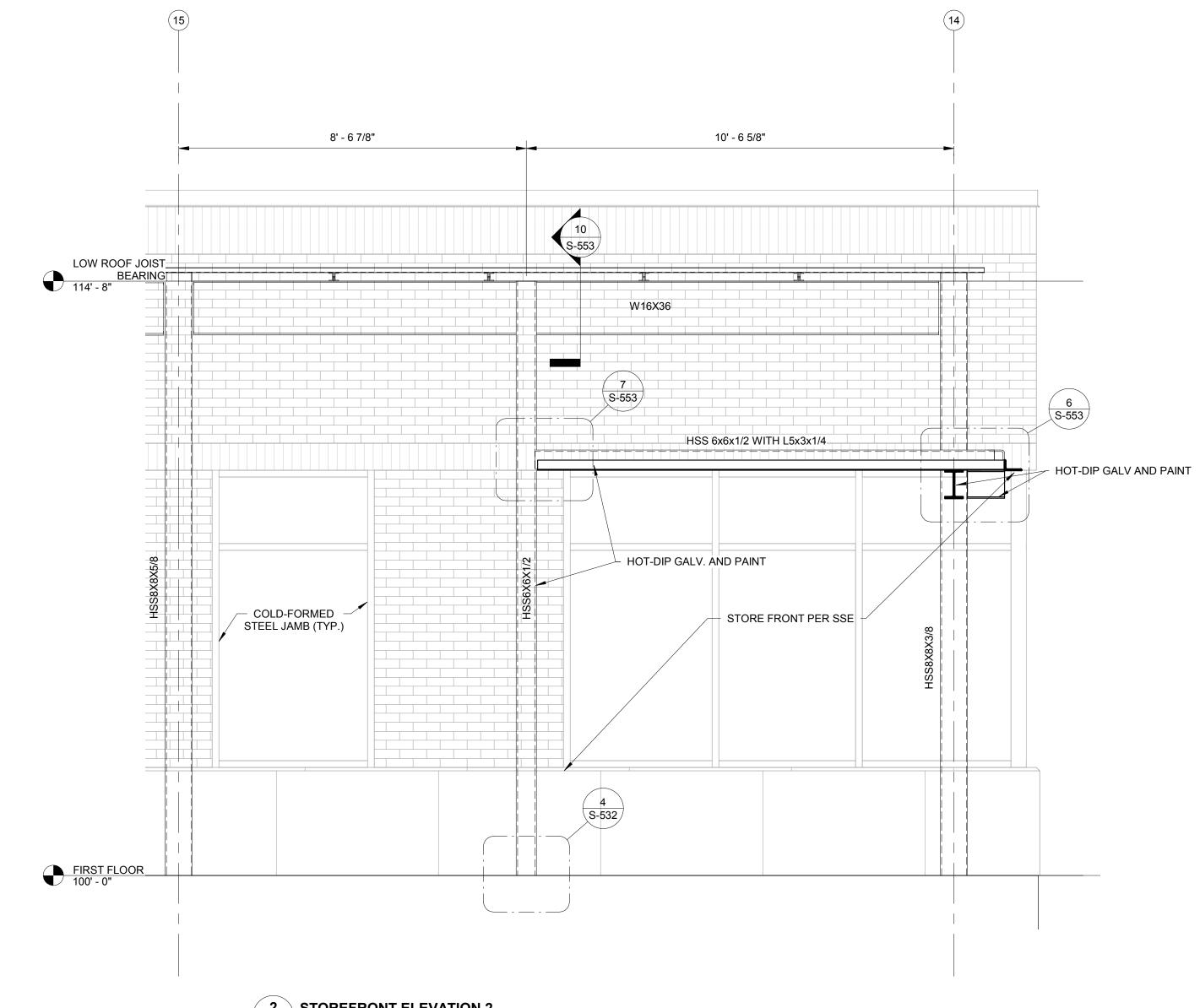


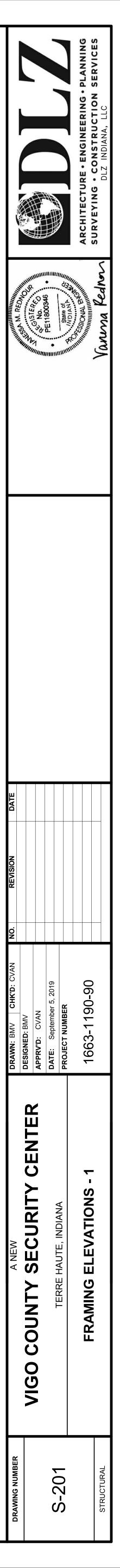
ΰσ

4 STOREFRONT ELEVATION 4 S-201 SCALE: 1/2" = 1'-0"

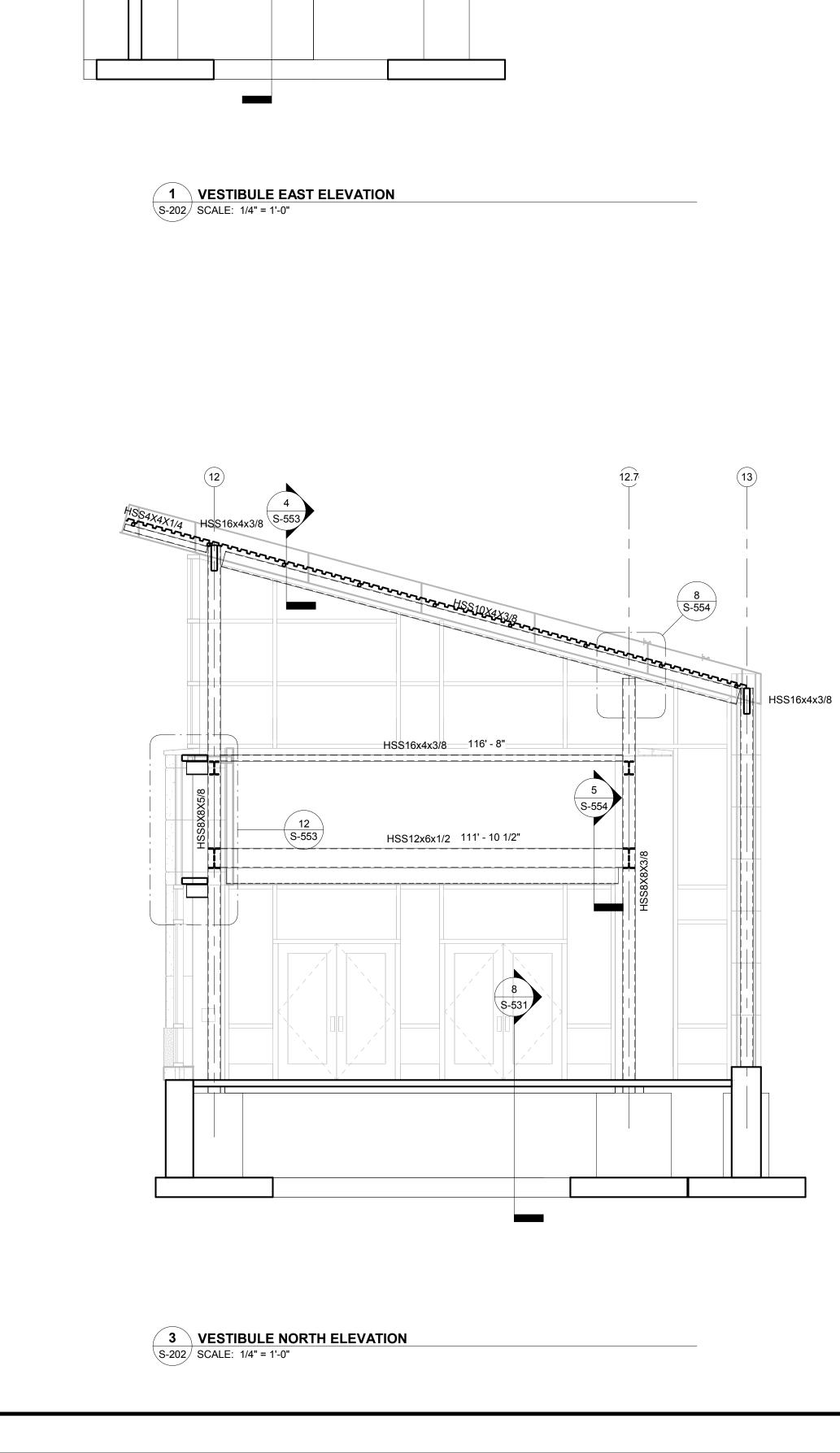


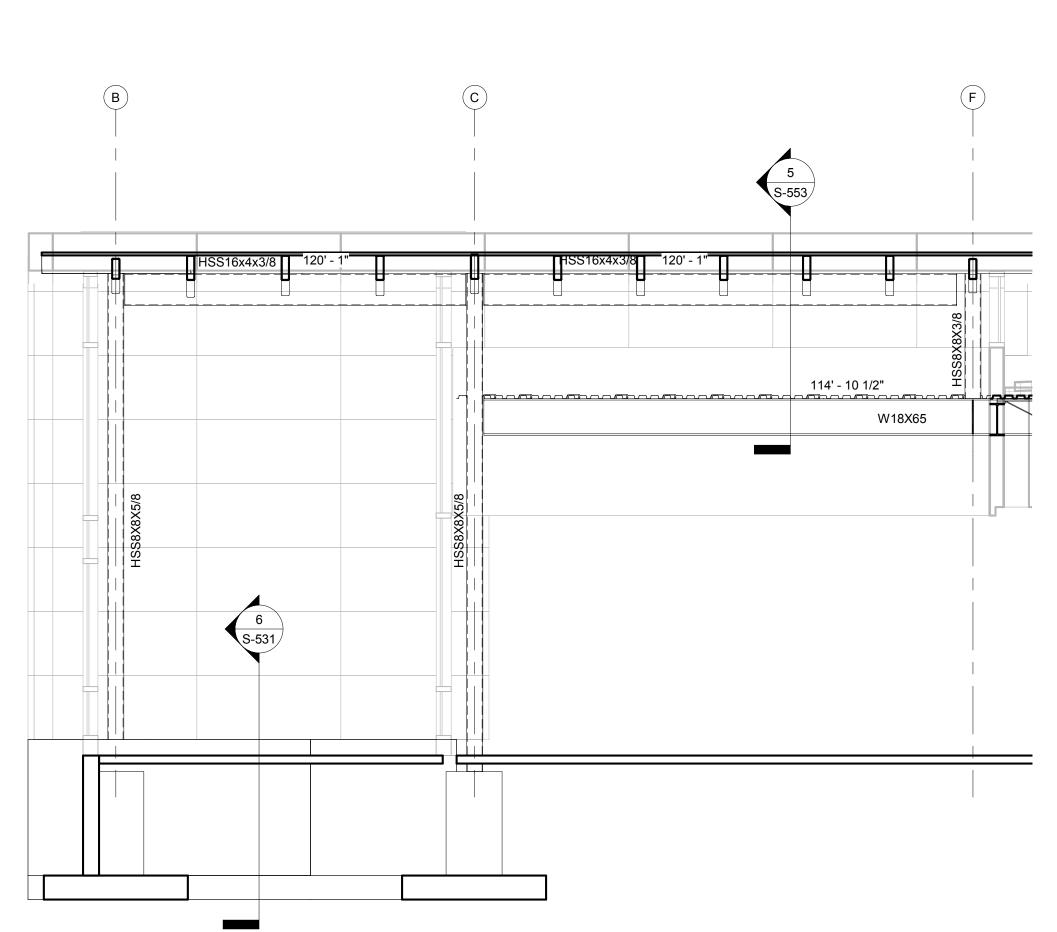


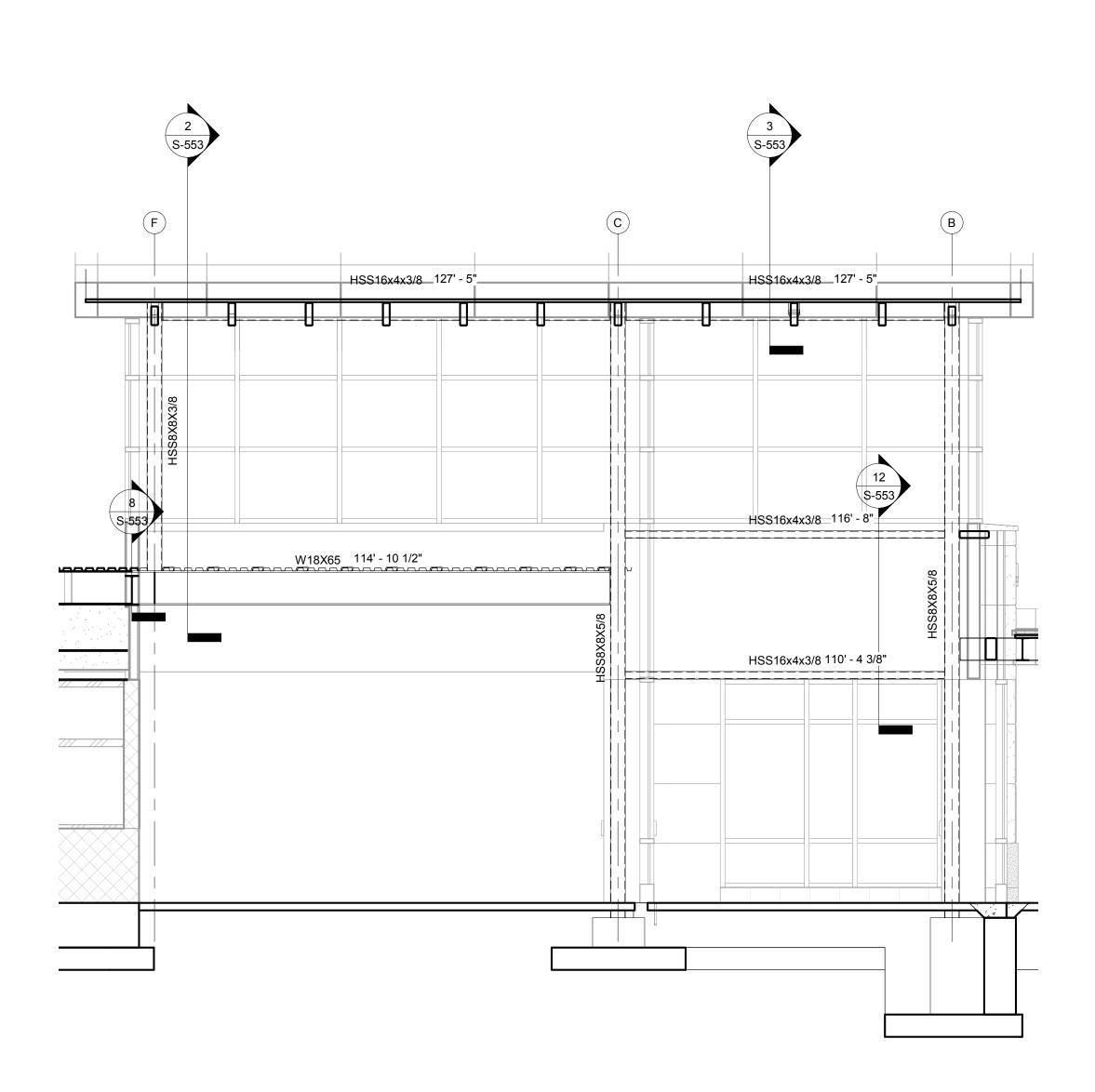




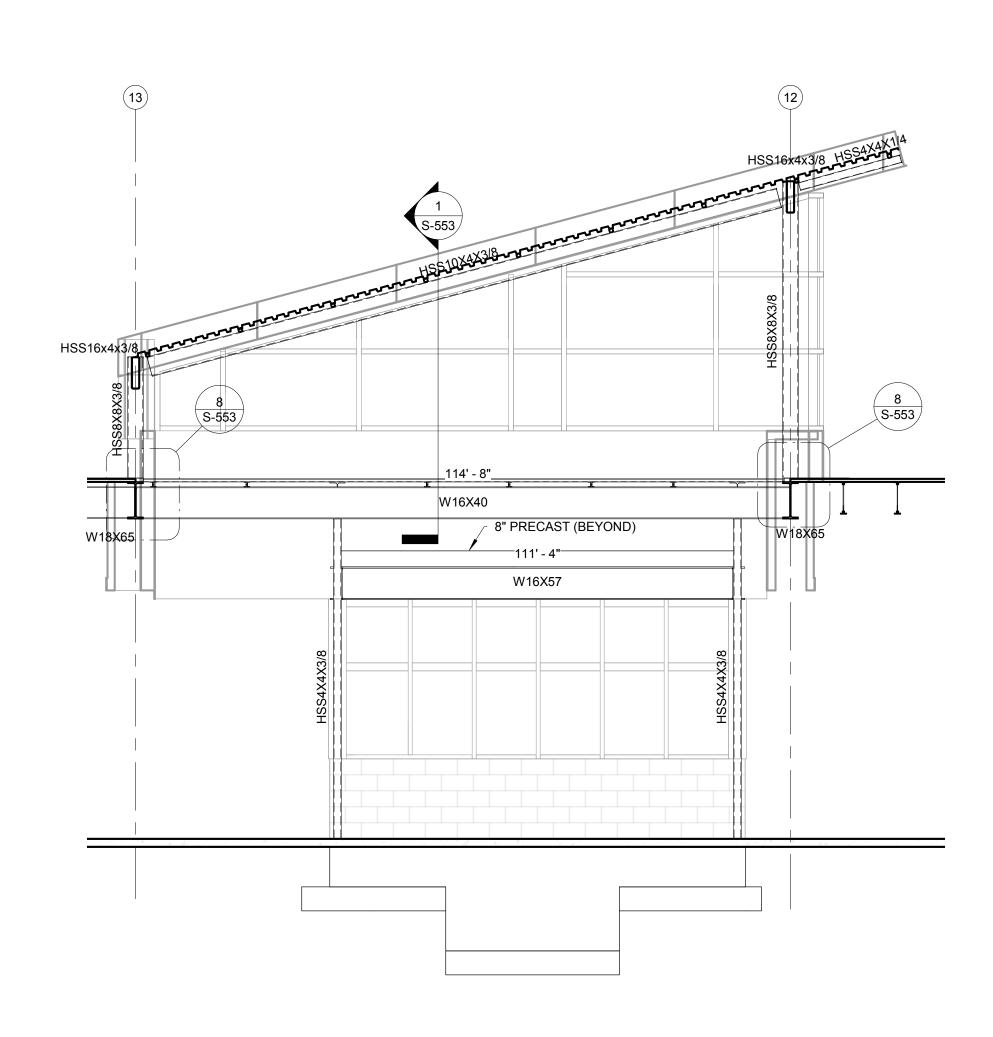




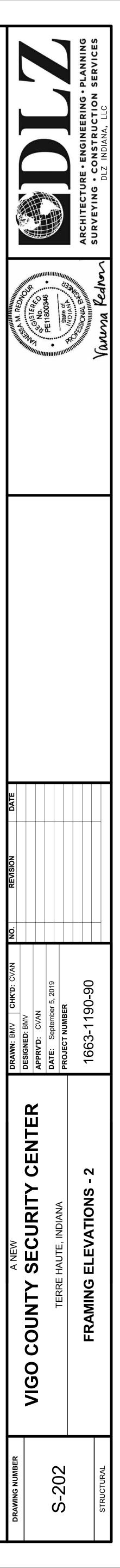


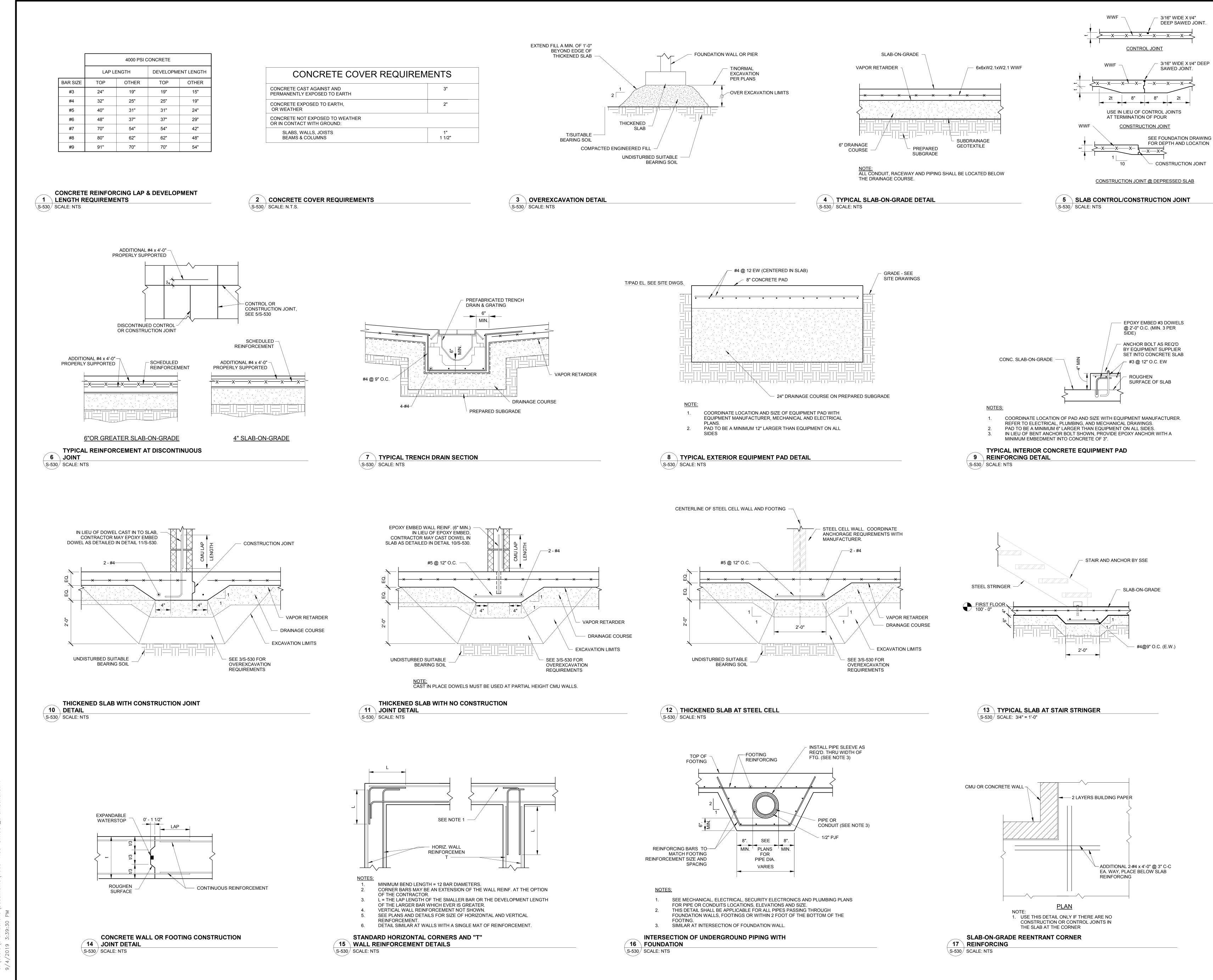


2 VESTIBULE WEST ELEVATION S-202 SCALE: 1/4" = 1'-0"

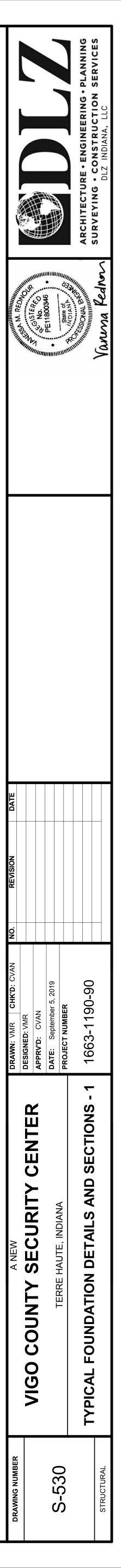


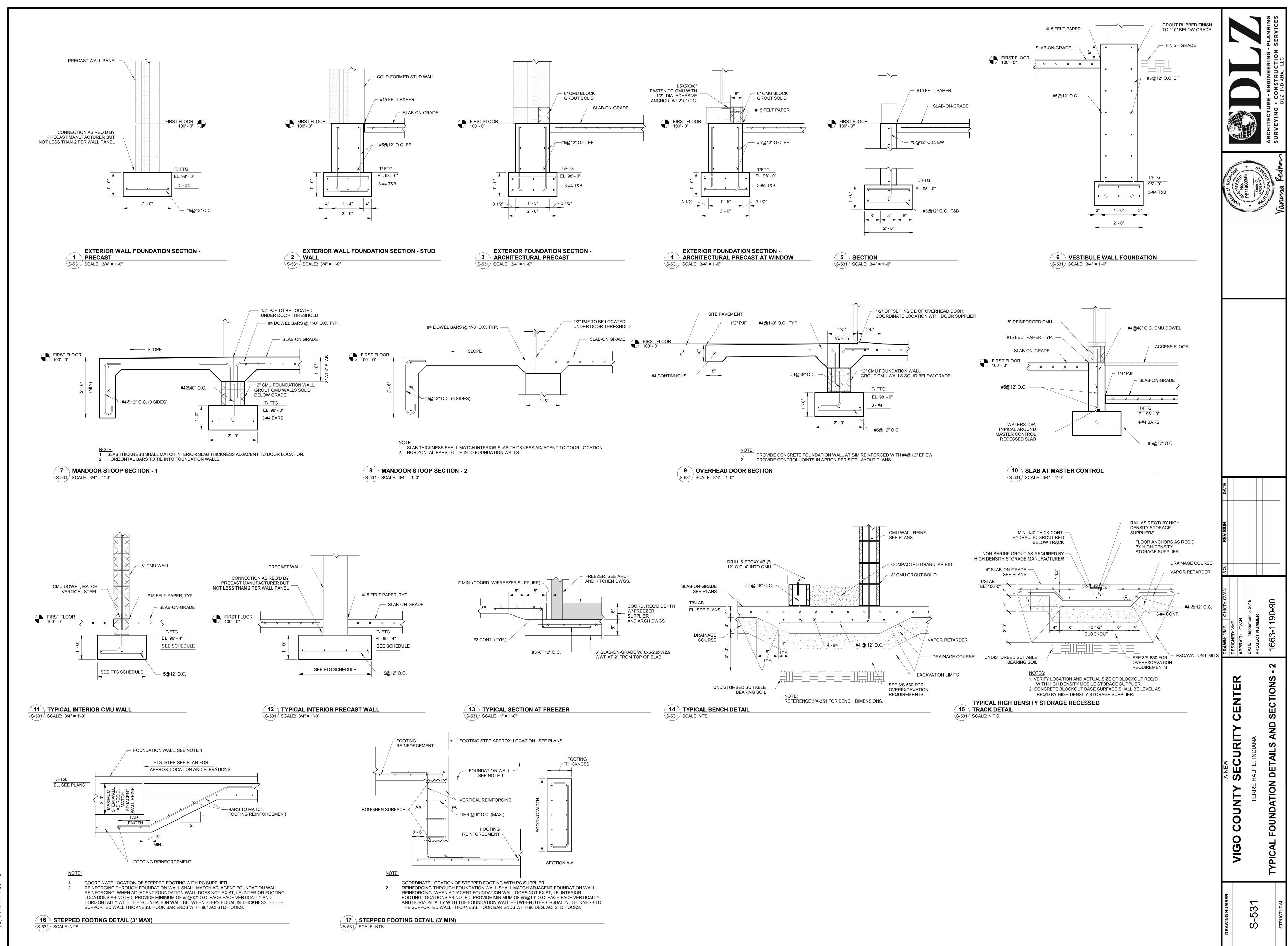


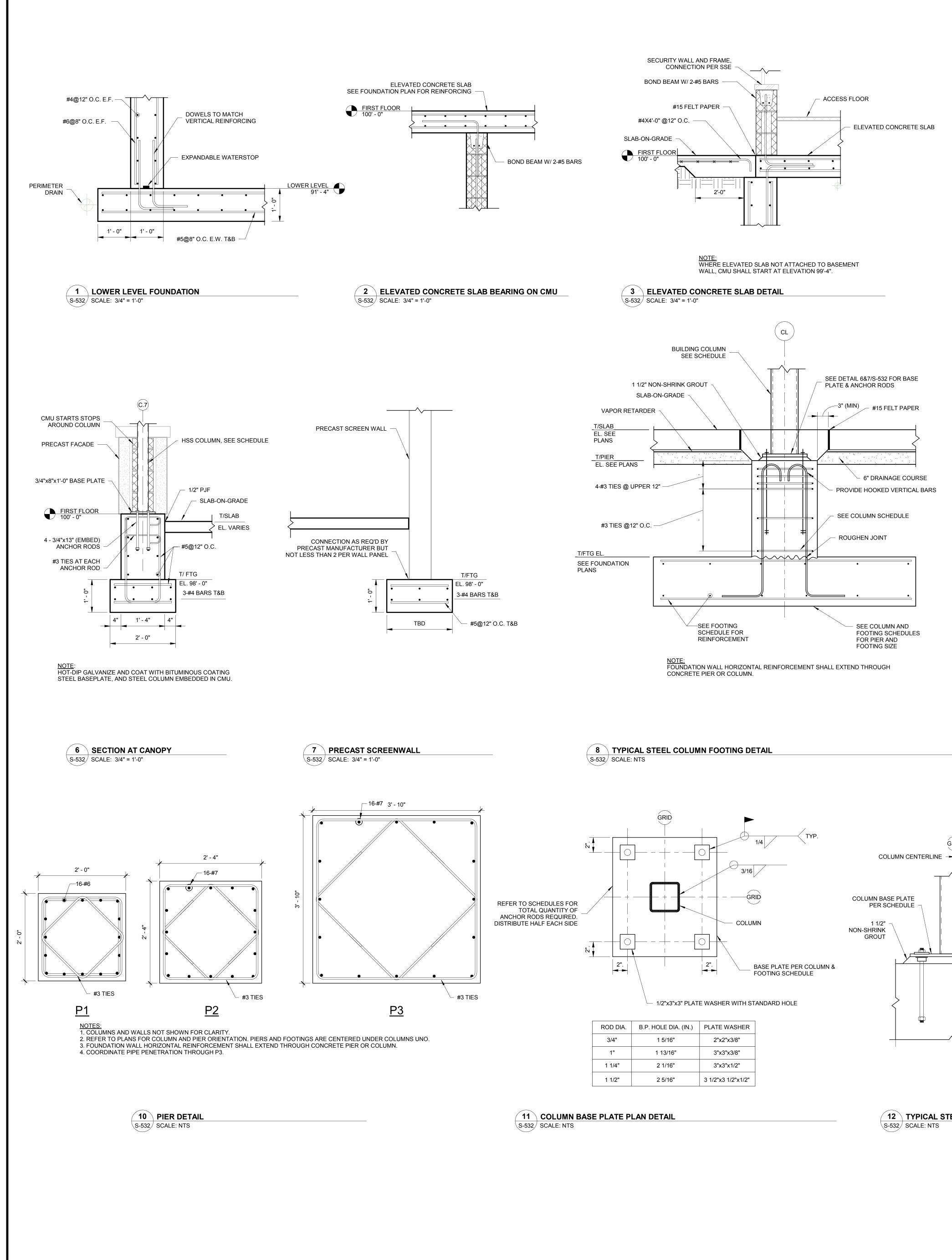




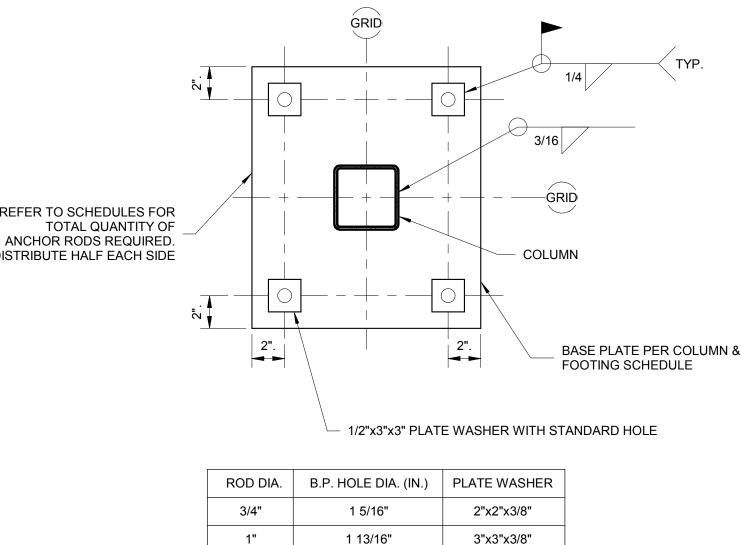
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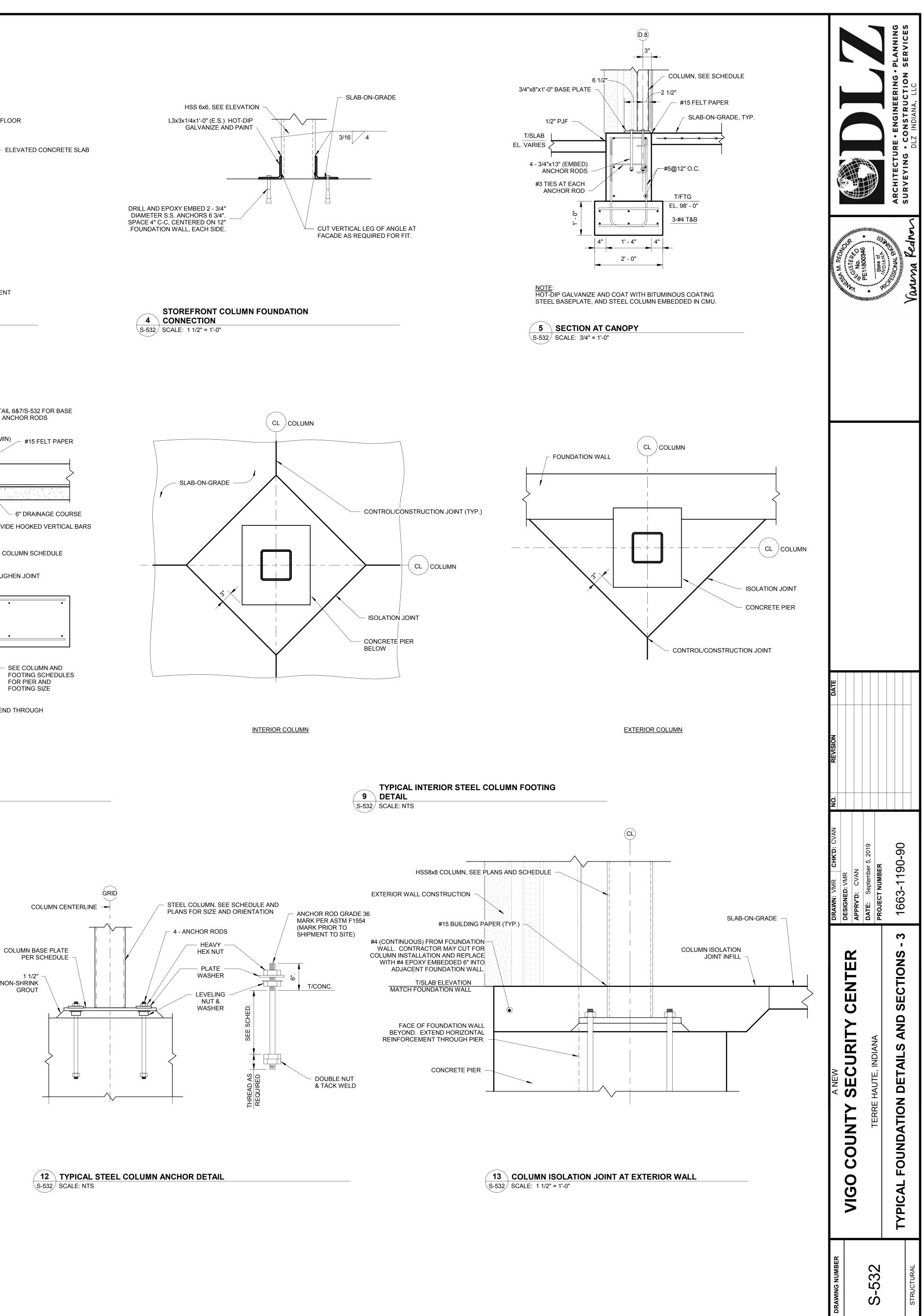




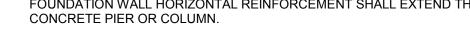


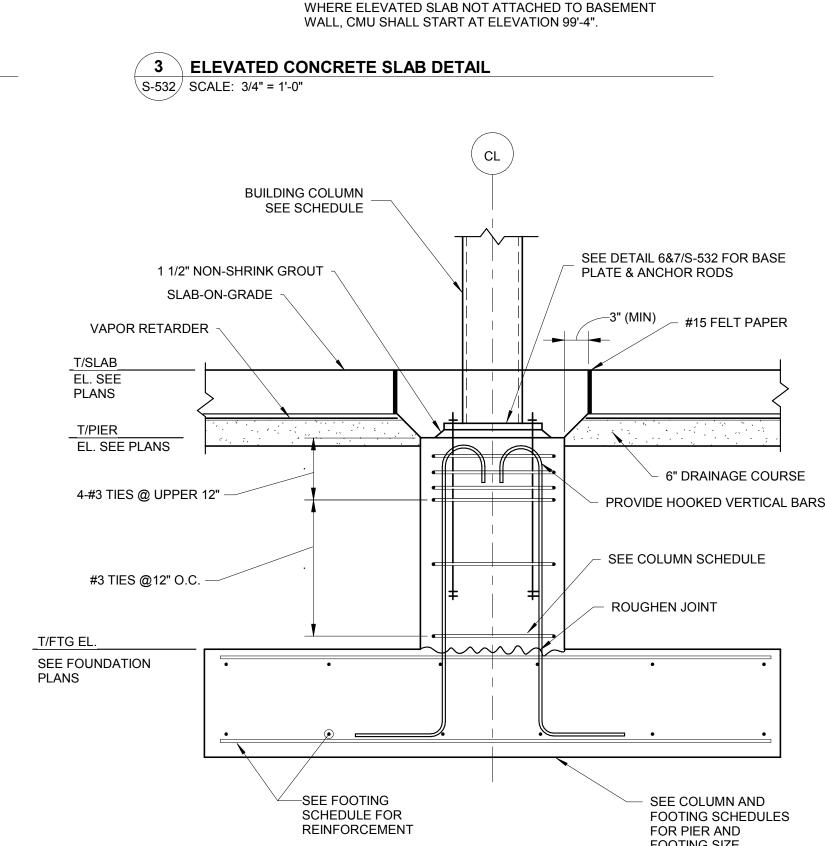
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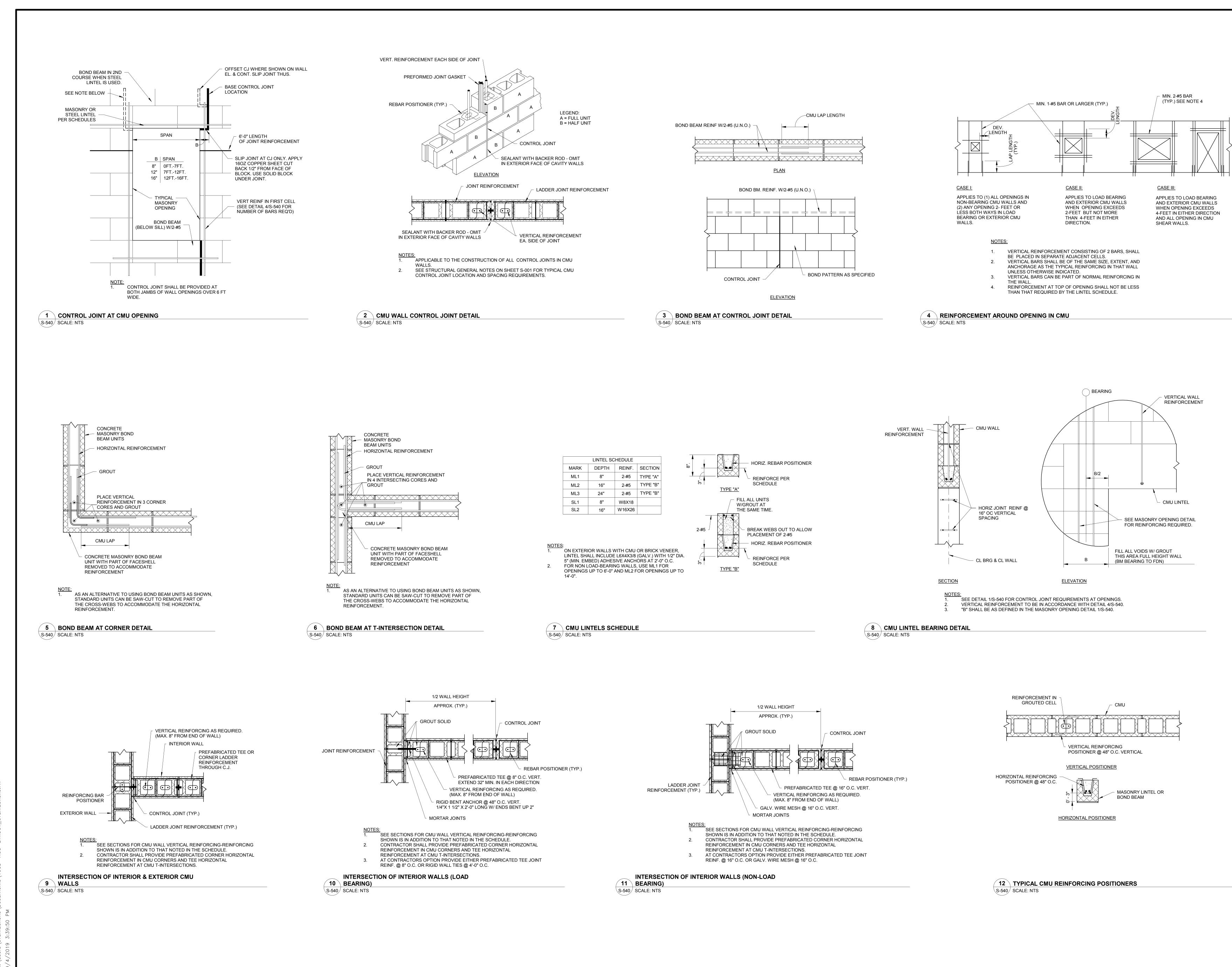


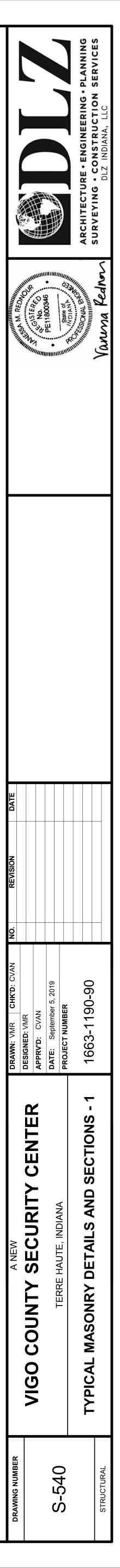






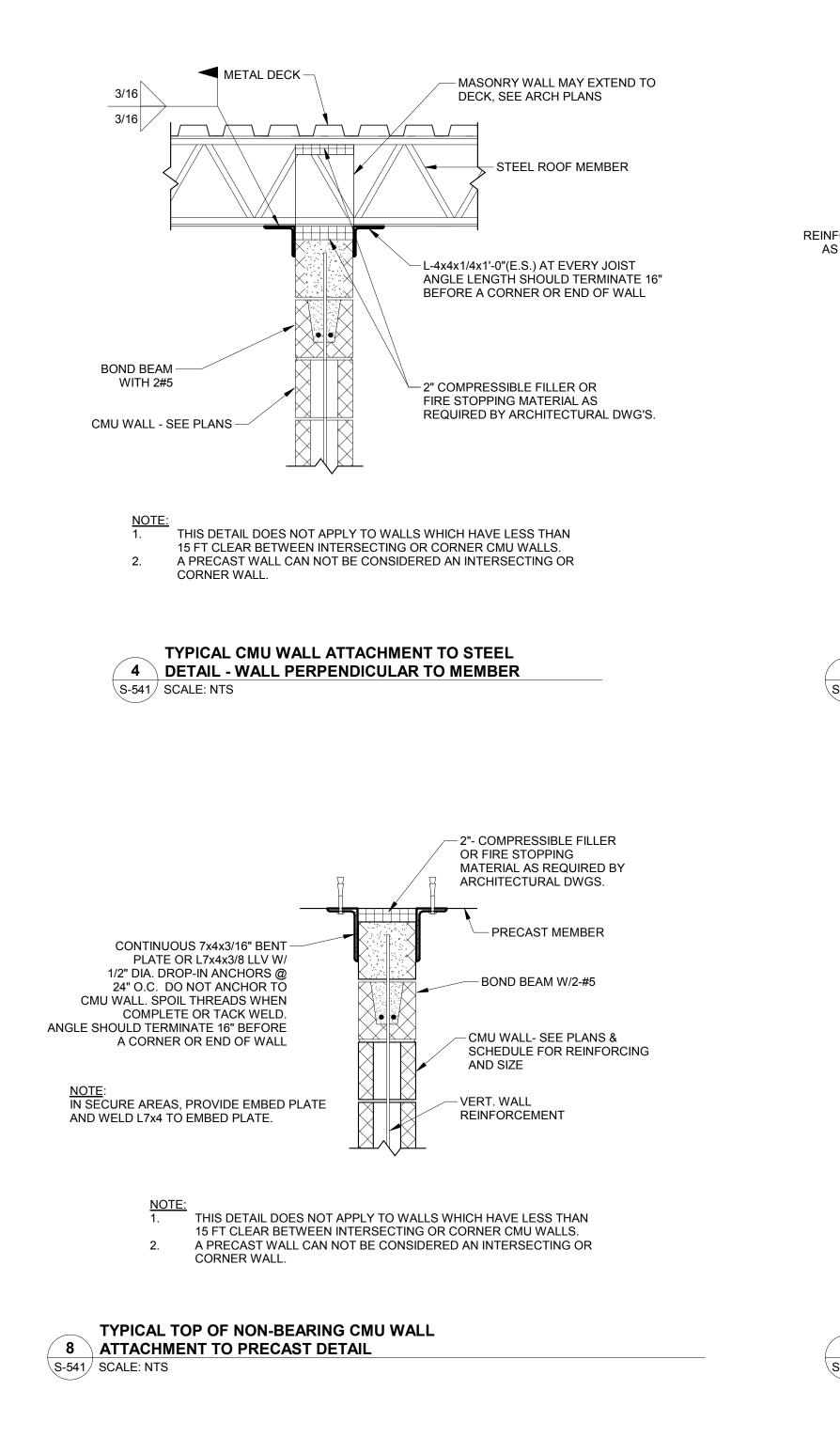


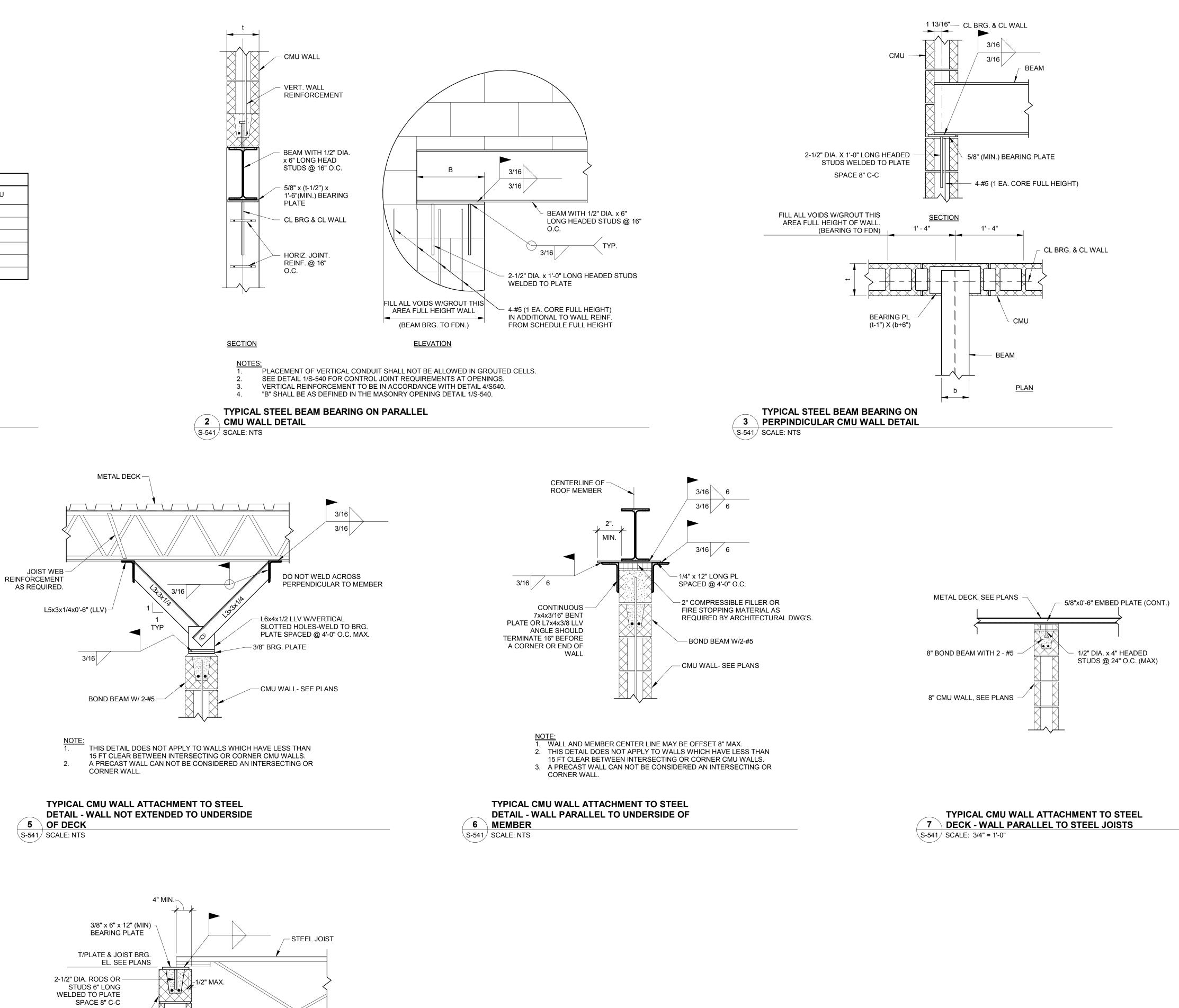




		HORIZ, REINE		VERTICAL	CMU DEVELOPMENT	LENGTH
SIZE	LENGTH	DEVELOPMENT LENGTH	12" CMU	10" CMU	8" CMU	6" CMU
#3	15"	12"	12"	12"	12"	12"
#4	20"	22"	13"	13"	13"	18"
#5	25"	36"	20"	20"	20"	28"
#6	30"	73"	38"	38"	38"	-
#7	35"	107"	52"	52"	52"	-
#8	40"	175"	79"	79"	79"	-
	#3 #4 #5 #6 #7	SIZE LENGTH #3 15" #4 20" #5 25" #6 30" #7 35"	SIZE LENGTH DEVELOPMENT LENGTH #3 15" 12" #4 20" 22" #5 25" 36" #6 30" 73" #7 35" 107"	BAR SIZE LAF LENGTH DEVELOPMENT LENGTH 12" CMU #3 15" 12" 12" #4 20" 22" 13" #5 25" 36" 20" #6 30" 73" 38" #7 35" 107" 52"	BAR SIZE LAP LENGTH HORIZ. REINF DEVELOPMENT LENGTH 12" CMU 10" CMU #3 15" 12" 12" 12" #4 20" 22" 13" 13" #5 25" 36" 20" 20" #6 30" 73" 38" 38" #7 35" 107" 52" 52"	BAR SIZE LAF LENGTH DEVELOPMENT LENGTH 12" CMU 10" CMU 8" CMU #3 15" 12" 12" 12" 12" #4 20" 22" 13" 13" 13" #5 25" 36" 20" 20" 20" #6 30" 73" 38" 38" 38" #7 35" 107" 52" 52" 52"

CMU REINFORCING LAP & DEVELOPMENT 1 LENGTH REQUIREMENTS S-541 SCALE: NTS





SEE PLANS FOR WALL THICKNESS

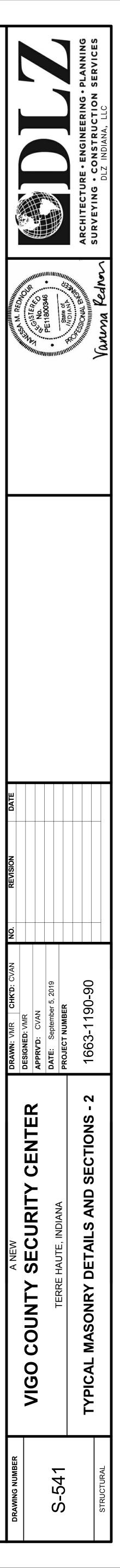
NOTES: 1. STAGGER JOISTS AS NECESSARY TO ALLOW FOR REQUIRED BEARING AND JOIST PLACEMENT. WHERE PARAPET IS PROPOSED EXTEND CMU WALL AND REINFORCEMENT TO TOP OF PARAPET ELEVATIONS INDICATED ON ARCHITECTURAL DRAWINGS WITH BOND BEAM AND 2-#5 CONTINUOUS AT THE TOP OF THE PARAPET WALL.

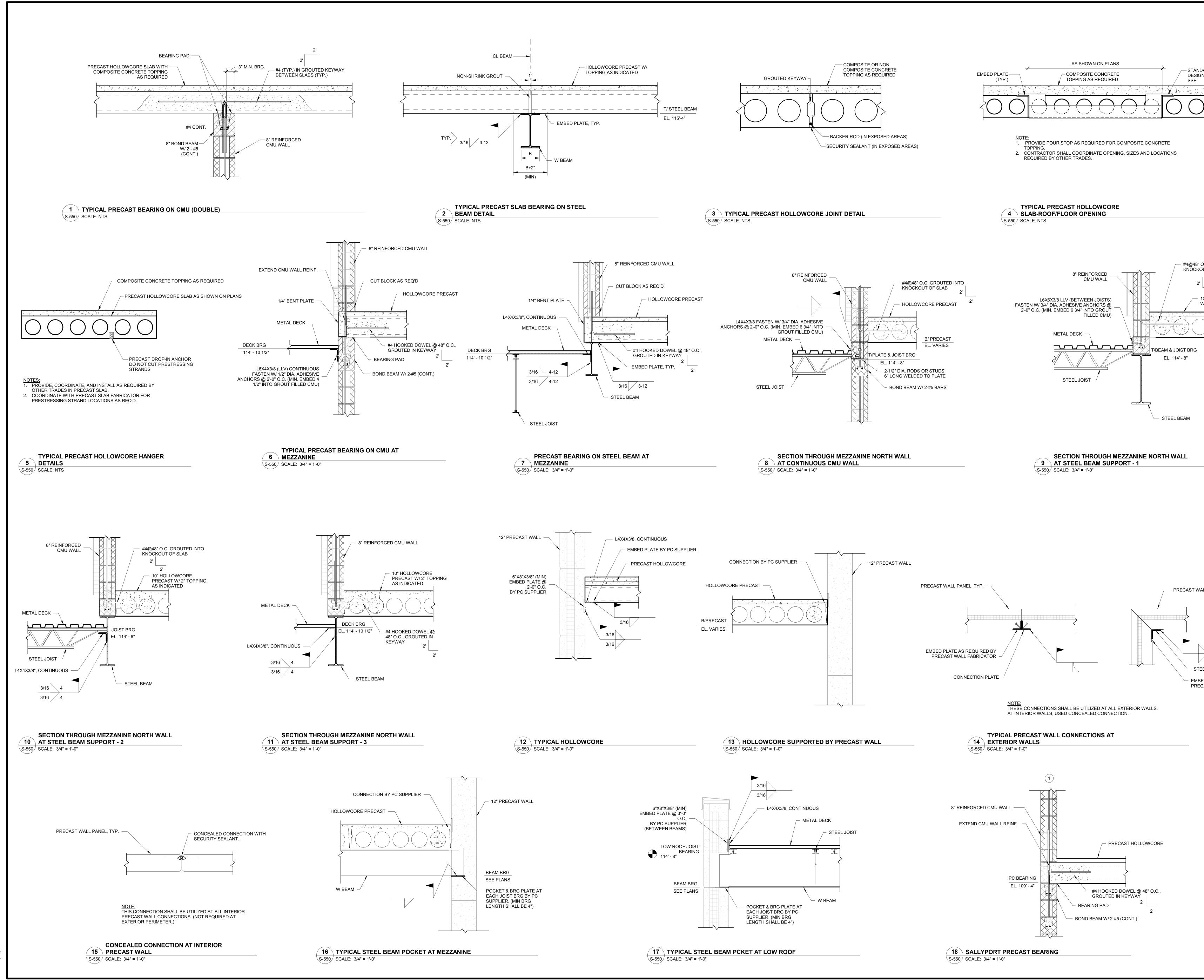
9 STEEL JOIST BEARING ON CMU S-541 SCALE: NTS

BOND BEAM W/2-#5 BARS --

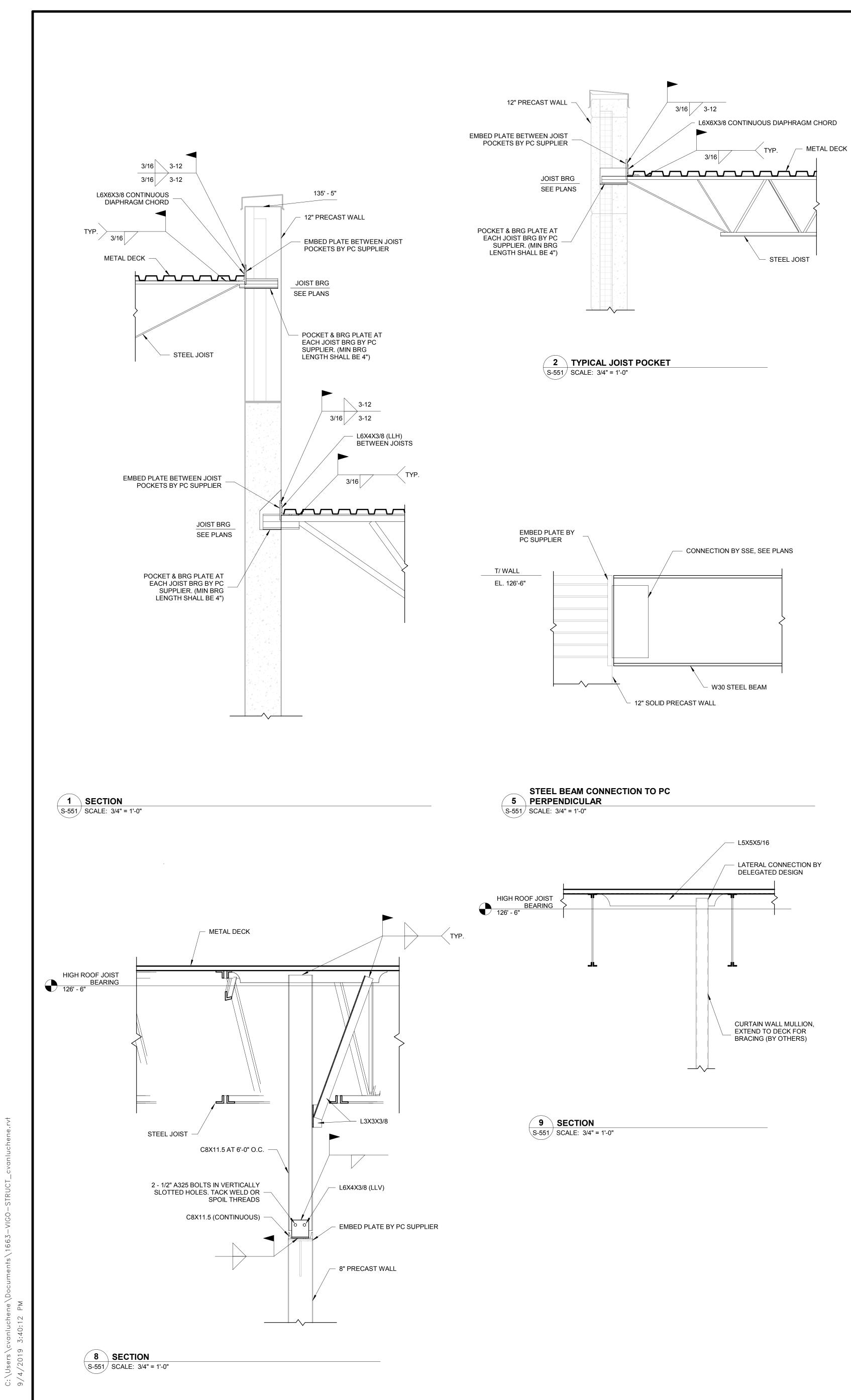
CMU WALL W/ VERT. ----

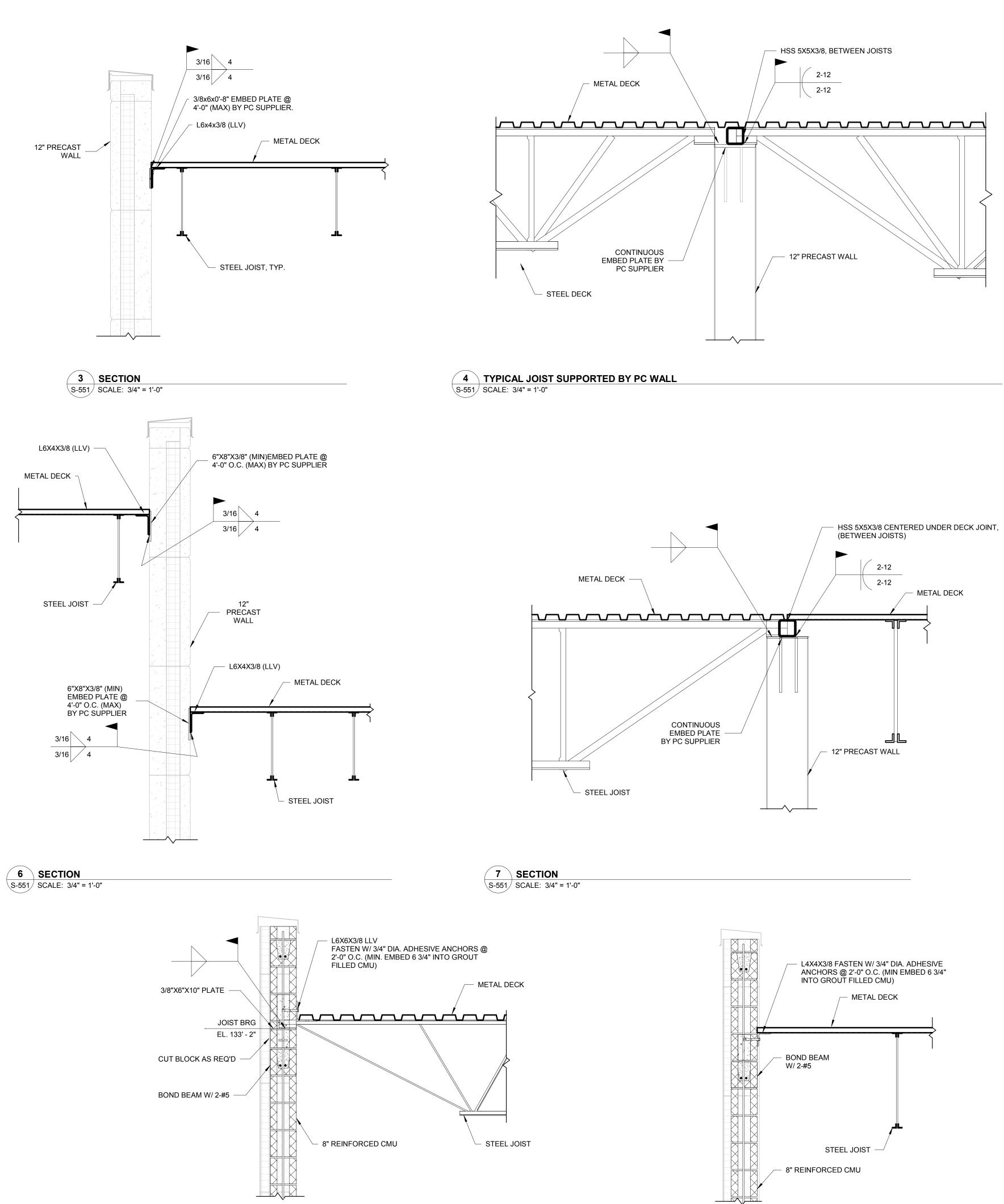
REINF. AS INDICATED

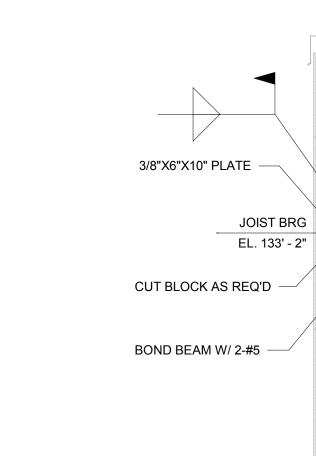




DARD HANGER AS SNED BY PRECAST	automonous Recourts	A Starter Starte			State of State of Contract of	ARCHITECTURE • ENGINEERING • PLANNING	Variante Redray SURVEYING . CONSTRUCTION SERVICES	
O.C. GROUTED INTO DUT OF SLAB	ON DATE							
ALL PANEL, TYP.	DRAWN: VMR CHK'D: CVAN NO. REVISION	DESIGNED: VMR	APPRV'D: CVAN	DATE: September 5, 2019	PROJECT NUMBER	1663 1100 00		
ED PLATE AS REQ'D BY CAST WALL FABRICATOR	A NEW							
	DRAWING NUMBER						STRUCTURAL	

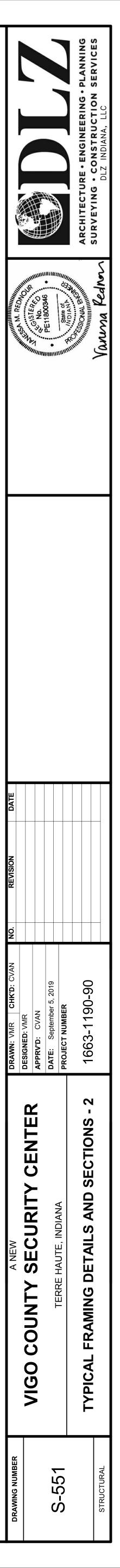


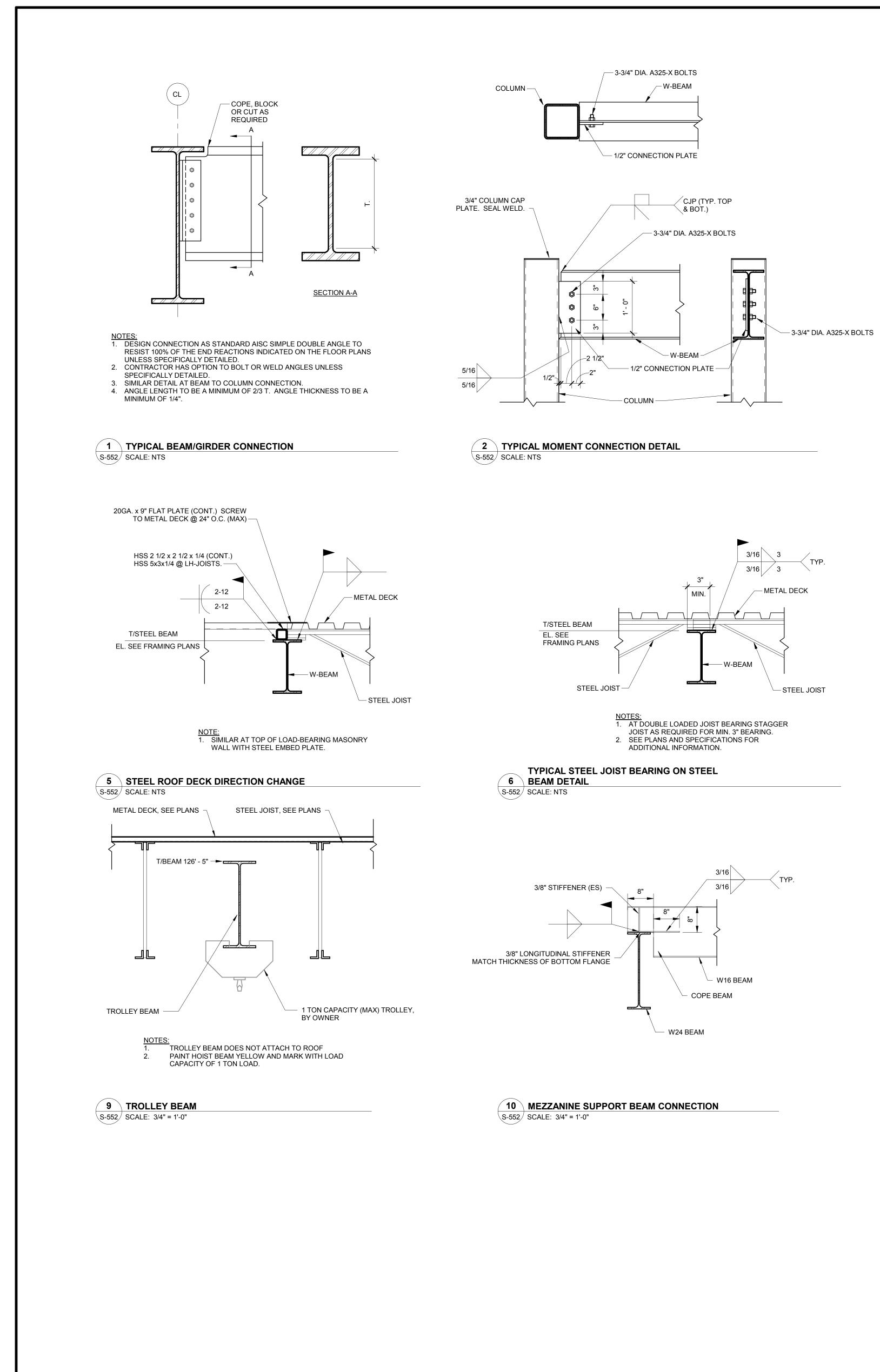


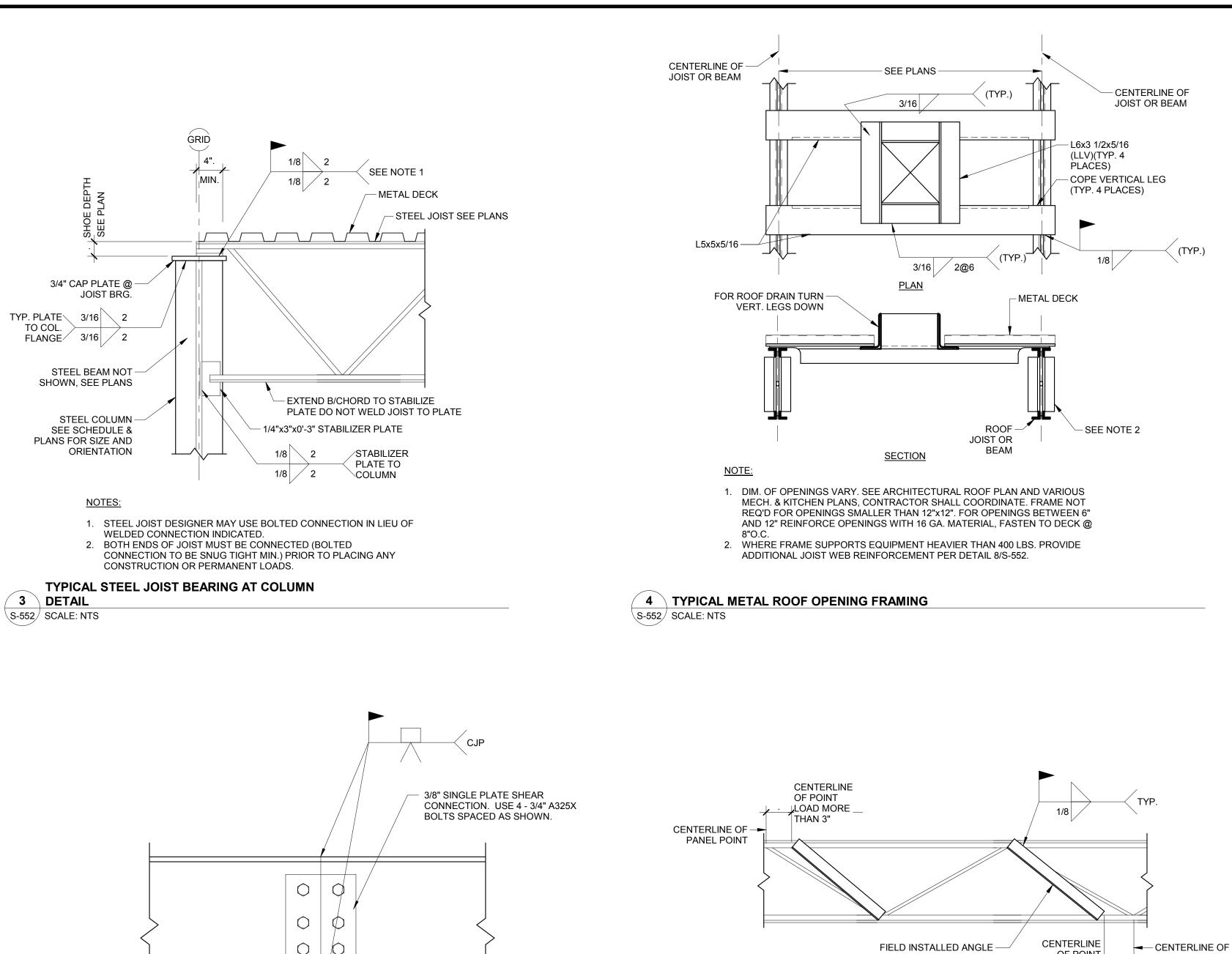


10 SECTION S-551 SCALE: 3/4" = 1'-0"

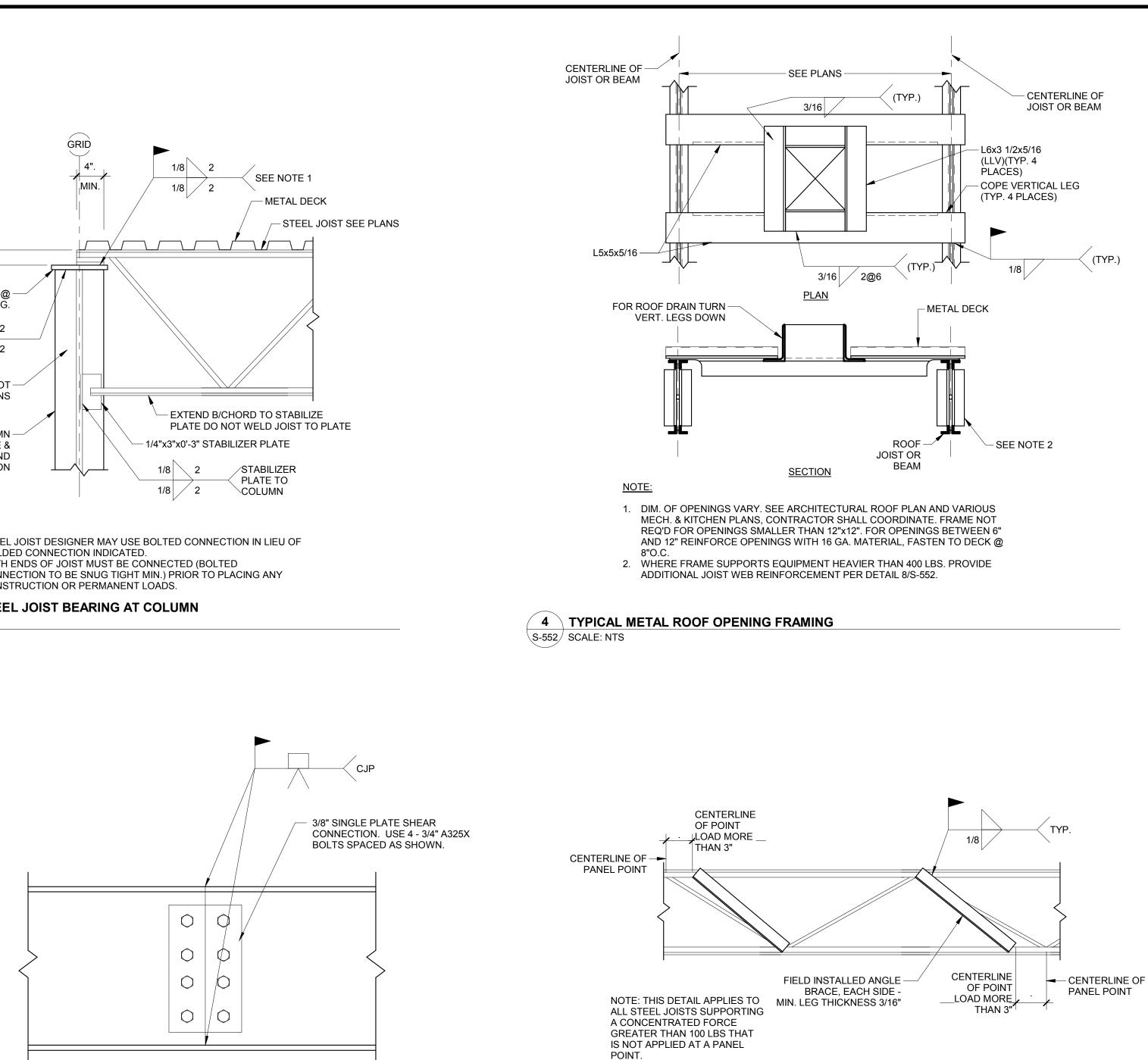
11 SECTION S-551 SCALE: 3/4" = 1'-0"



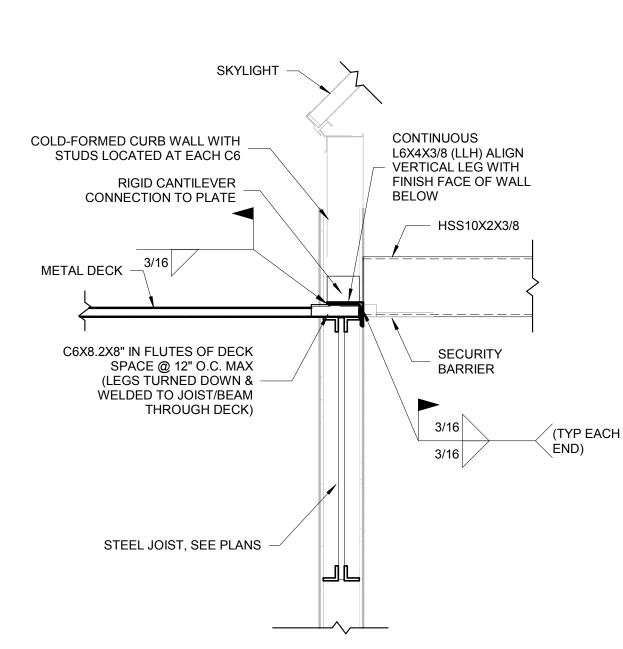




3 DETAIL S-552 SCALE: NTS

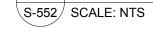


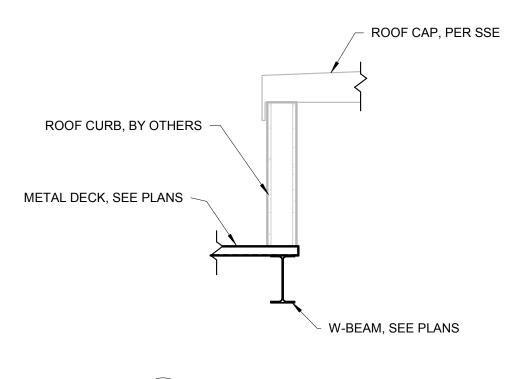
7 TYPICAL W-BEAM SPLICE S-552 SCALE: NTS



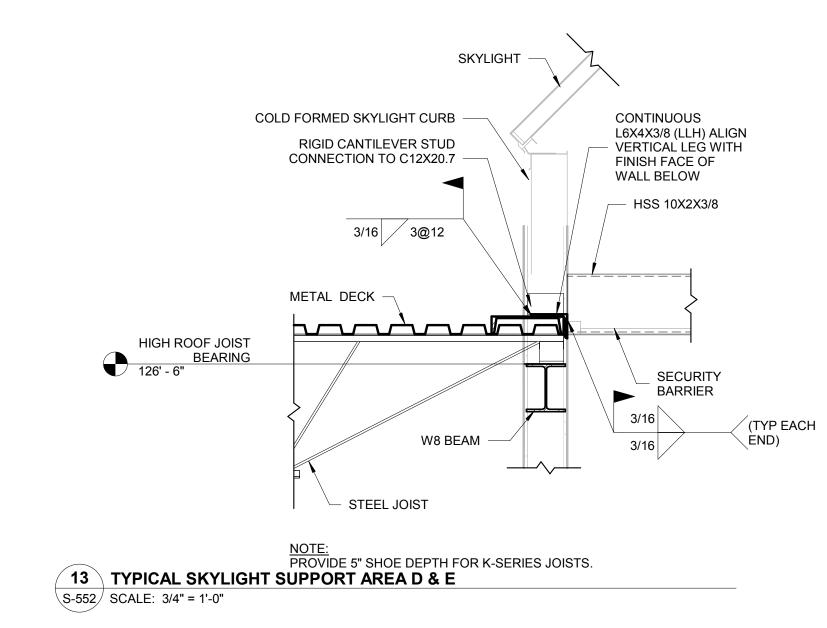
11 TYPICAL SKYLIGHT SUPPORT AREA D & E S-552 SCALE: 3/4" = 1'-0"

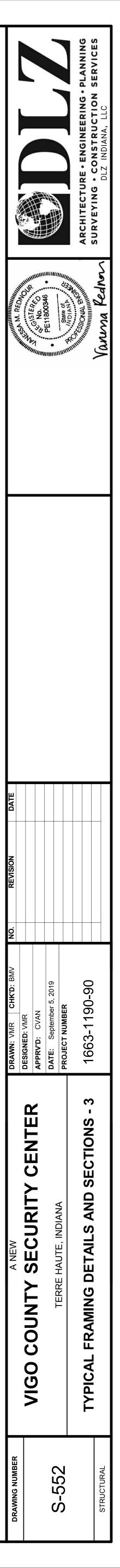


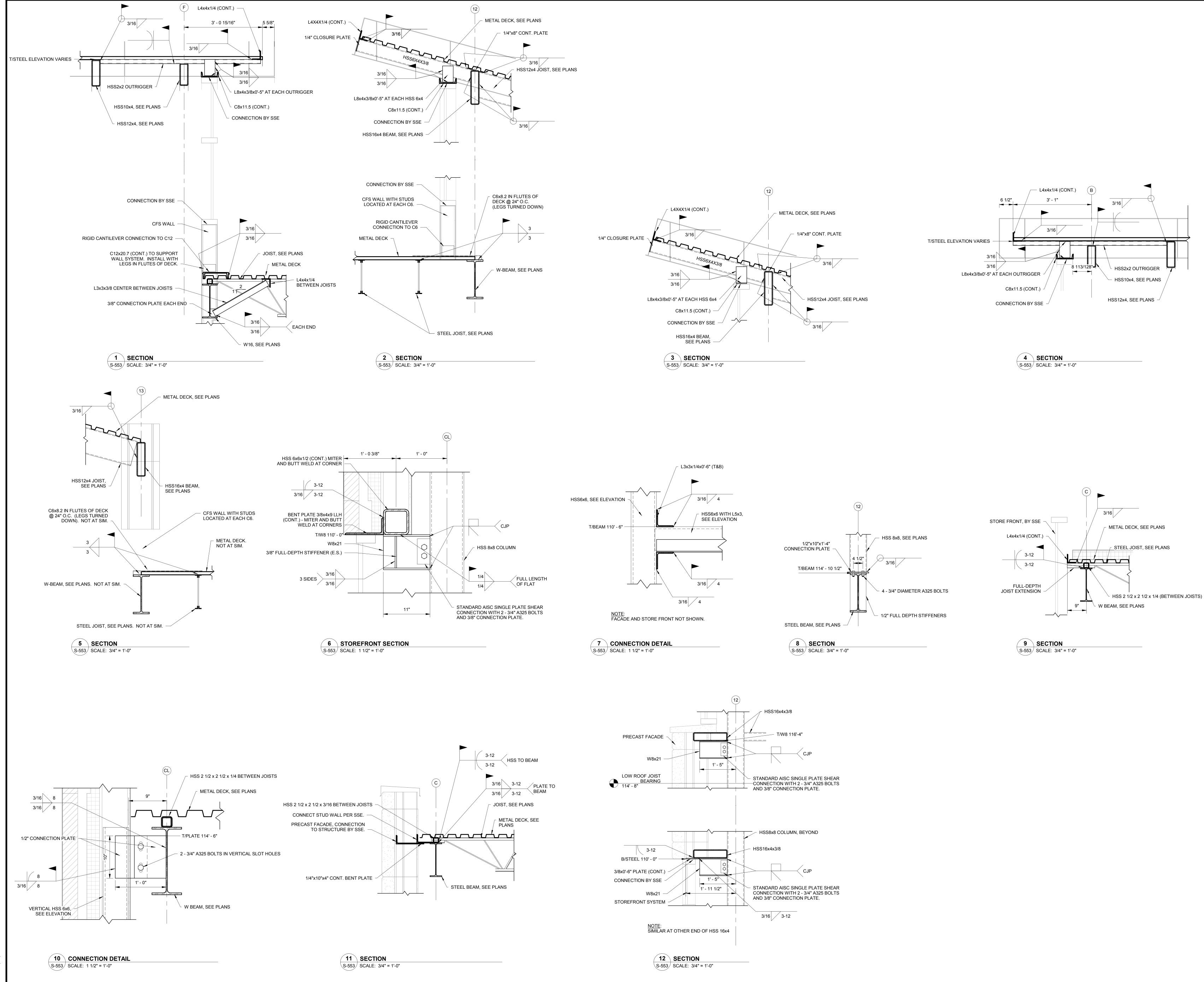


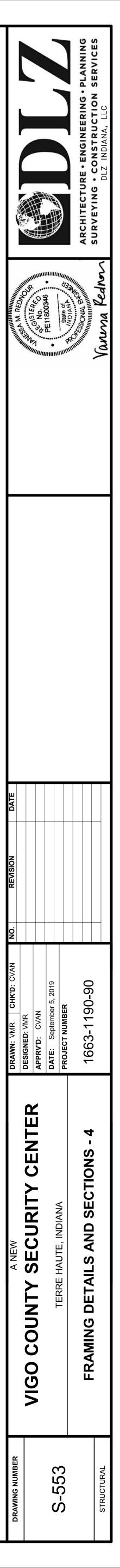


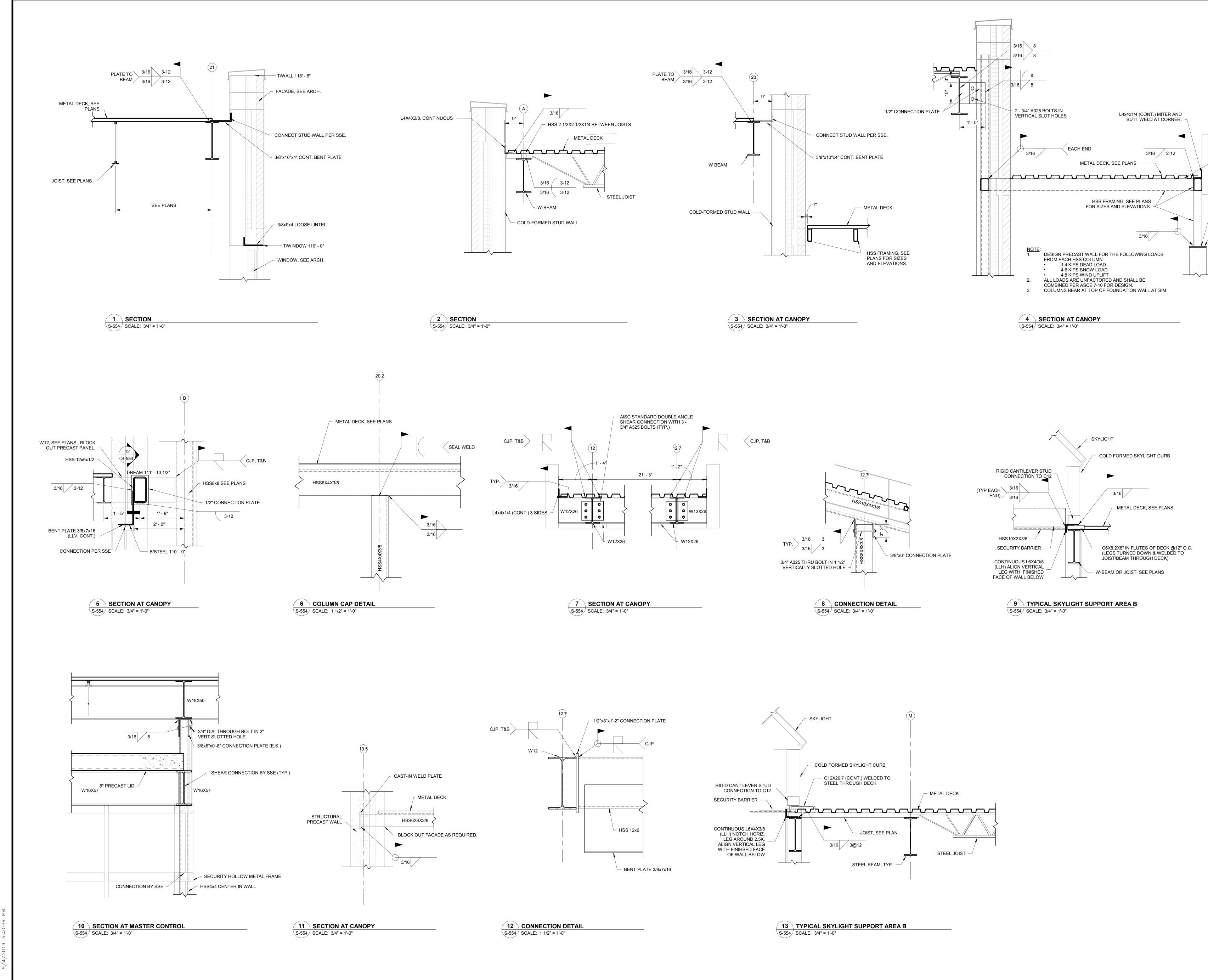


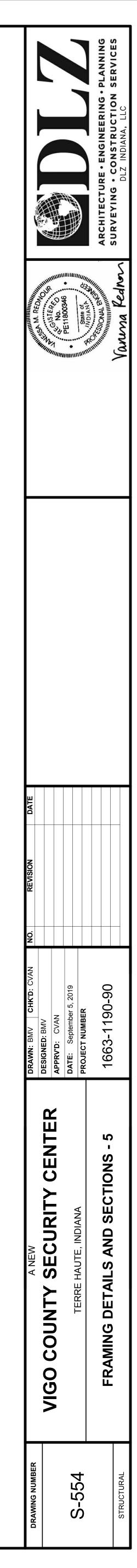












T/BEAM 110' - 8"

- EMBED PLATE

- PRECAST SCREEN WALL (NOT AT SIM)

MECH MEZZANINE JOIST BEARING																										MECH MEZZANINE JOIST BEARING
133' - 2"																										133' - 2"
HIGH ROOF JOIST BEARING																										HIGH ROOF JOIST BEARING
126' - 6"																										126' - 6"
SALLYPORT JOIST BEARING																										SALLYPORT JOIST BEARING
119' - 6" LOW ROOF JOIST BEARING								5/8						5/8												119' - 6" LOW ROOF JOIST BEARING
114' - 8"	HSS8X8X5/8	HSS8X8X5/8	HSS8X8X5/8	HSS8X8X5/8	HSS8X8X5/8	HSS8X8X5/8	HSS8X8X5/8	HSS8X8X	HSS8X8X3/8	HSS8X8X5/8	HSS8X8X3/8	HSS8X8X5/8	HSS8X8X5/8	HSS8X8X	HSS8X8X5/8	HSS8X8X5/8	S4X4X3/8	5S4X4X3/8	5S4X4X3/8	S4X4X3/8	HSS8X8X3/8	HSS8X8X3/8	HSS8X8X3/8	HSS8X8X3/8	HSS8X8X3/8	114' - 8"
FIRST FLOOR																	H	о́н П	ларана С Н С Н С Н С Н С Н С Н С Н С Н С Н С	E SE						FIRST FLOOR
100' - 0"	58X28 58X28	58X28	28X28	58X28	28X28	58X28	58X28	46 × 46	46 × 46		58X28	58X28	58X28	58X28	28X28	28X28	•	•		•	28X28	58X28	58X28	58X 58X 58X	28X28	100' - 0"
COLUMN BASE PLATE	1 1/4X18X1'-6"	1 1/4X18X1'-6"	1 1/4X18X1'-6"	1 1/4X18X1'-6'	' 1 1/4X18X1'-6"	' 1 1/4X18X1'-6"	1 1/4X18X1'-6"	1 1/4X18X1'-6'	3/4X16X1'-4"	1 1/4X18X1'-	6" 3/4X16X1'-4"	1 1/4X18X1'-6	" 1 1/4X18X1'-6'	1 1/4X18X1'-6'	1 1/4X18X1'-6	" 1 1/4X18X1'-6"	3/4X8X0'-10"	3/4X8X0'-10"	3/4X8X0'-10"	3/4X8X0'-10"	3/4X16X1'-4"	3/4X16X1'-4"	3/4X16X1'-4"	3/4X16X1'-4"	3/4X16X1'-4"	COLUMN BASE PLATE
ANCHOR RODS	4 - 1 X 17	4 - 1 X 17	4 - 1 X 17	4 - 1 X 17	4 - 3/4 X 13	4 - 1 X 17	4 - 3/4 X 13	4 - 1 X 17	4 - 1 X 17	4 - 1 X 17	4 - 1 X 17	4 - 1 X 17	4 - 3/4 X 13	4 - 3/4 X 13	4 - 3/4 X 13	4 - 3/4 X 13	4 - 3/4 X 13	4 - 3/4 X 13	4 - 3/4 X 13	4 - 3/4 X 13	4 - 3/4 X 13	ANCHOR RODS				
Column Locations	A-14	A-15	A-16	A-17	A-18	A-19	A-20	B-12	B-12.7	B-13	C-8	C-10	C-11	C-12	C-13	C-14	C.7-20.2	C.7-20.5	C.7-20.7	C.7-21	D-14	D-15	D-16	D-17	D-18	

MECH MEZZANINE JOIST BEARING						
133' - 2"						
HIGH ROOF JOIST BEARING						
126' - 6"						
SALLYPORT JOIST BEARING						
119' - 6" LOW ROOF JOIST BEARING						1
114' - 8"						
	HSS8X8X3/8		HSS8X8X5/8		HSS4X4X3/8	
FIRST FLOOR						
100' - 0"	58X28]	28X28			-
COLUMN BASE PLATE	3/4X16X	1'-4"	2X20X ⁻	1'-8"	3/4X	8X
ANCHOR RODS	4 - 3/4 >	(13	4 - 1 1/2	X 22	4 - 3	\$/4
Column Locations	D-19		D-20	D	D.8	3-2

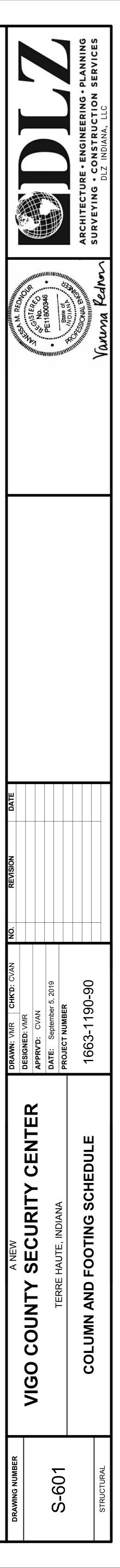
MECH MEZZANINE JOIST BEARING																	MECH MEZZANINE JOIST BEARING
133' - 2"																	133' - 2"
HIGH ROOF JOIST BEARING																	HIGH ROOF JOIST BEARING
126' - 6"																	126' - 6"
SALLYPORT JOIST BEARING																	SALLYPORT JOIST BEARING
119' - 6" LOW ROOF JOIST BEARING									_						S8X8X3/8	38X8X3/8	119' - 6" LOW ROOF JOIST BEARING
114' - 8"	HSS8X8X3/8	H	ST ST	114' - 8"													
FIRST FLOOR																	FIRST FLOOR
100' - 0"				58X28	58X28	58X28	58X28	58X28	28X28	28X28	28X28	58X28	58X28	28X28	28X28	28X28	100' - 0"
COLUMN BASE PLATE	3/4X16X1'-4"	COLUMN BASE PLATE															
ANCHOR RODS	4 - 3/4 X 13	ANCHOR RODS															
Column Locations	J-1	J-2	J-3	J-4	K-5	K-6	K-7	K-9	L-18	L-19	M-5	M-6	M-7	M-9	N-14.2	N-15.3	

			FOU	NDATION SCHEE
TYPE MARK	WIDTH	LENGTH	THICKNESS	REINFO
F1	6' - 0"	6' - 0"	1' - 0"	5-#5 BARS EW T
F2	8' - 0"	8' - 0"	1' - 0"	8-#5 BARS EW 1
F3	10' - 0"	10' - 0"	1' - 0"	10 - #5 LONGITU
F4	2' - 0"	SEE PLAN	1' - 0"	3 - #4 LONGITU
F5	3' - 0"	SEE PLAN	1' - 0"	4 - #4 LONGITU

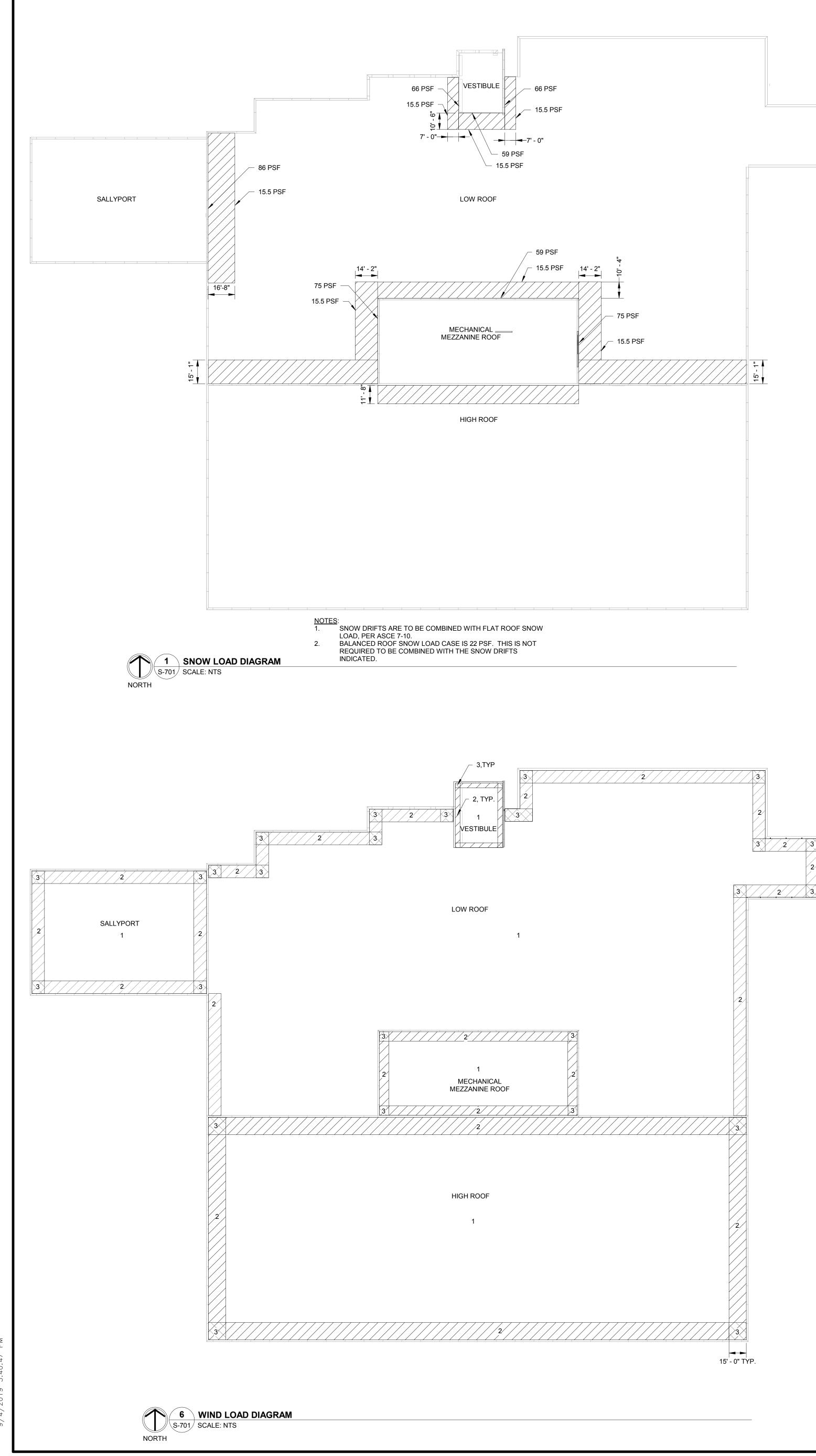
EDULE	
ORCING	REMARKS
/ T&B	
/ T&B	
TUDINAL BARS	
UDINAL BARS	
UDINAL BARS	

COLUMN SCHEDULE NOTES:1.SEE TYPICAL PIER DETAIL 4/S-532 FOR PIER REINFORCING.2.SEE FOUNDATION SCHEDULE THIS SHEET FOR FOUNDATIONS.

																							MECH MEZZANINE JOIST BEARIN
																							133' - 2" HIGH ROOF JOIST BEARING
					X3/8																		126' - 6"
					SS8X8	8																	SALLYPORT JOIST BEARING
					Ϊ	HSS8X8X											1		1				119' - 6" LOW ROOF JOIST BEARING
HSS4X4X3/8	HSS4X4X3/8	HSS4X4X3/8	HSS8X8X5/8	HSS8X8X5/8			HSS8X8X3/8	HSS8X8X5/8	HSS8X8X5/8	HSS4X4X3/8	HSS4X4X3/8	HSS4X4X3/8	HSS4X4X3/8	HSS4X4X3/8	HSS <u>4X4X</u> 3/8	HS <u>S4X4X</u> 3/8	114' - 8"						
																							FIRST FLOOR
•	•		58X 58X	58X3			58X28	58X28	58X28	28X28	58X28	28X28	28X28	58X28	58X28		•						100' - 0"
4X8X0'-10"	3/4X8X0'-10"	3/4X8X0'-10"	2X20X1'-8"	2X20X1'-8"	3/4X16X1'-4"	2X20X1'-8"	2X20X1'-8"	3/4X8X0'-10"	3/4X8X0'-10"	3/4X8X0'-10"	3/4X8X0'-10'	PER PC SSE	PER PC SSE	PER PC SSE	COLUMN BASE PLATE								
- 3/4 X 13	4 - 3/4 X 13	4 - 3/4 X 13	4 - 1 1/2 X 22	4 - 1 1/2 X 22	4 - 3/4 X 13	4 - 1 1/2 X 22	4 - 1 1/2 X 22	4 - 3/4 X 13				ANCHOR RODS											
0.8-20.2	D.8-20.5	D.8-20.7	E-20	E-21	F-12	F-13	G-14	G-15	G-16	G-17	G-18	G-19	H-19	H-20	H-21	H.2-19.5	H.2-19.9	H.2-20.4	H.2-20.6	H.7-19.9	H.7-20.4	H.7-20.6	







EFFECTIVE AREA	ZONE 4,5	ZONE 4 (SUCTION)	ZONE 5 (SUCTION)
10 SF	35	-37	-46
50 SF	35	-34	-39
200 SF	35	-31	-33
>500 SF	35	-29	-29

NOTE:

LOADS INDICATED ARE ULTIMATE LOADS AND SHALL BE COMBINED WITH ADDITIONAL LOAD CASES IN ACCORDANCE WITH ASCE 7-10.

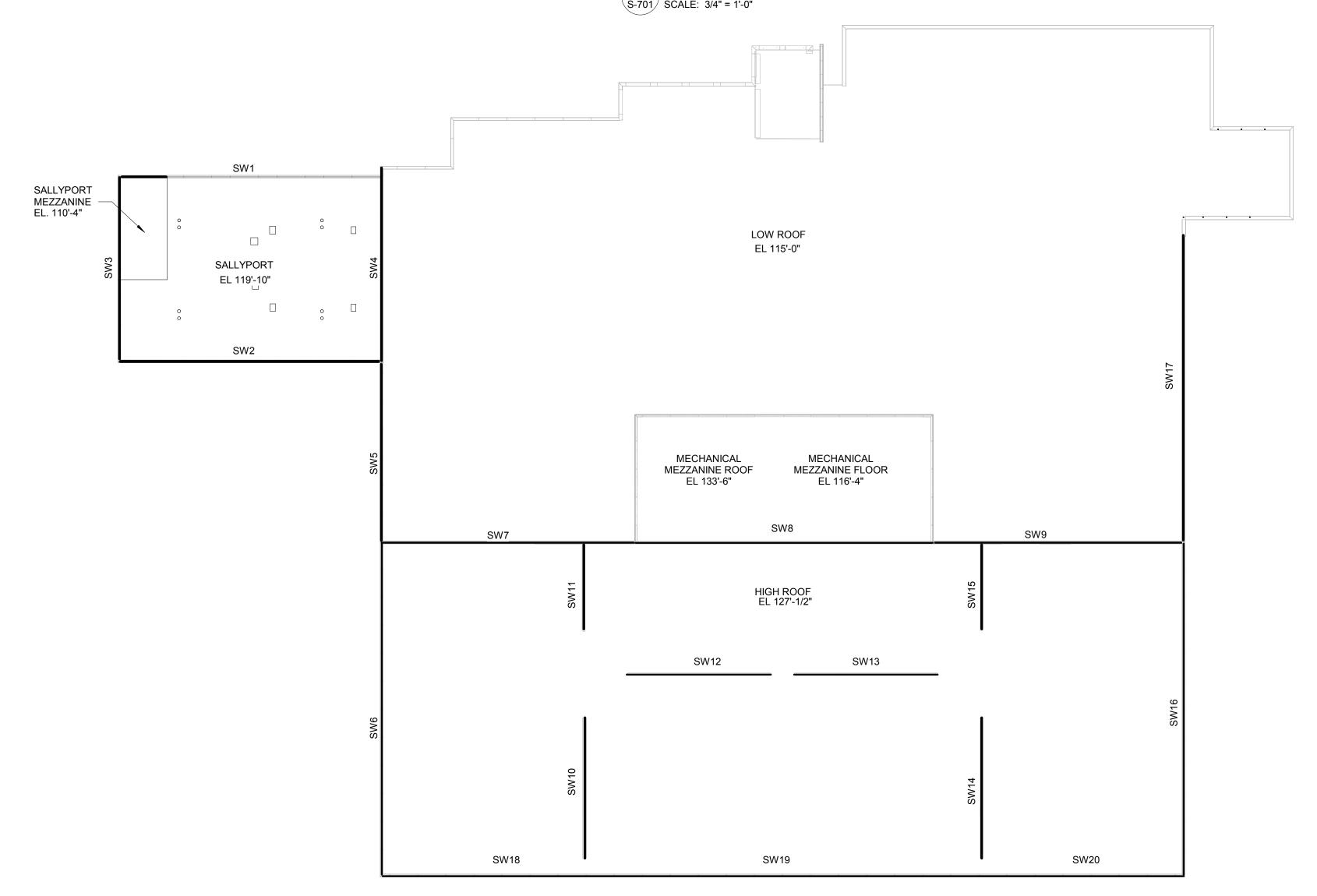
WIND DESIGN WALL PRESSURES - WALL 2 COMPONENTS & CLADDING S-701 SCALE: 3/4" = 1'-0"

EFFECTIVE AREA	ZONE 1,2,3	ZONE 1 (UPLIFT)	ZONE 2 (UPLIFT)	ZONE 3 (UPLIFT)
10 SF	16	-38	-63	-95
25 SF	16	-37	-54	-73
50 SF	16	-36	-48	-57
>100 SF	16	-35	-41	-41

NOTE:

LOADS INDICATED ARE ULTIMATE LOADS AND SHALL BE COMBINED WITH ADDITIONAL LOAD CASES IN ACCORDANCE WITH ASCE 7-10.





	1		1	1		
PRIMARY LOCATION	DECK MARK	TYPE	SUPPORT FASTENER LAYOUT	SUPPORT FASTENER TYPE	SIDELAP FASTENERS TYPE	SIDELAP FASTENERS QUANTITY
LOW ROOF	MD1	1.5B20	36/7	5/8" PUDDLE WELDS	#10 TEK SCREWS	6
SALLYPORT	MD2	1.5B20	36/4	#12 TEK SCREWS	#10 TEK SCREWS	3
VESTIBULE	MD3	1.5BPA ¹	36/3	5/8" PUDDLE WELDS	N/A	0
HIGH ROOF	MD4	1.5B18	36/7	5/8" PUDDLE WELDS	WELDED	7
MECHANICAL MEZZANINE ROOF	MD5	1.5B20	36/7	#12 TEK SCREWS	#10 TEK SCREWS	6

NOTES: PROVIDE 1.5BPA INSULATED CELLULAR ROOF DECK (GALV.) WITH HAT/PAN 20/18 GAGE. MD3 SHALL RECEIVE INTUMESCENT PAINT FIREPROOFING IN VESTIBULE.

3 STEEL DECK & ATTACHMENT SCHEDULE S-701 SCALE: 3/4" = 1'-0"

SHEAR WALL MARK	LOW ROOF	SALLYPORT ROOF	SALLYPORT MEZZANINE	HIGH ROOF	MECHANICAL MEZZANINE	MECHANICAL MEZZANINE ROOF
SW1		330 PLF	630 PLF ⁵			
SW2		330 PLF				
SW3		460 PLF	285 PLF ⁵			
SW4	480 PLF	460 PLF				
SW5	480 PLF					
SW6				680 PLF		
SW7	275 PLF			1100 PLF		
SW8				440 PLF	1050 PLF	375 PLF
SW9	275 PLF			1100 PLF		
SW10				2000 PLF		
SW11				2000 PLF		
SW12				1100 PLF		
SW13				1100 PLF		
SW14				2000 PLF		
SW15				2000 PLF		
SW16				680 PLF		
SW17	580 PLF					
SW18				1100 PLF		
SW19				675 PLF		
SW20				1100 PLF		

 TES:

 LOADS INDICATED ARE ULTIMATE LOADS AND SHALL BE COMBINED WITH ADDITIONAL LOAD CASES IN ACCORDANCE WITH ASCE 7-10.

 REFERENCE FRAMING PLANS FOR ADDITIONAL BEAM LOADS SUPPORTED BY PRECAST WALL.

 UNITS SHALL BE DESIGNED BY THE MANUFACTURER TO SUPPORT THE SUPERIMPOSED DEAD, SNOW AND WIND LOADS.

 SUPERIMPOSED LOADS INDICATED DO NOT INCLUDE SELFWEIGHT OF THE PRECAST WALLS:

 A.
 SUPERIMPOSED LOADS:

 a.
 ROOF DL = 25 PSF; INCLUDES SELFWEIGHT OF JOISTS.

 b.
 ROOF SL= AS INDICATED ON 1/S-701.

 c.
 ROOF WL= AS INDICATED ON 6/S-701.

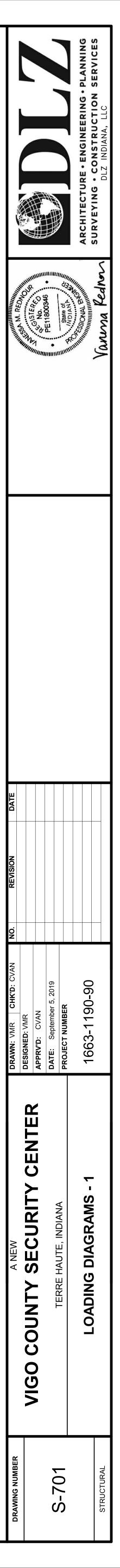
 LOADS SHALL BE APPLIED TO THE PRECAST WALLS AT THE ELEVATIONS STATED IN DETAIL 7/S-701.

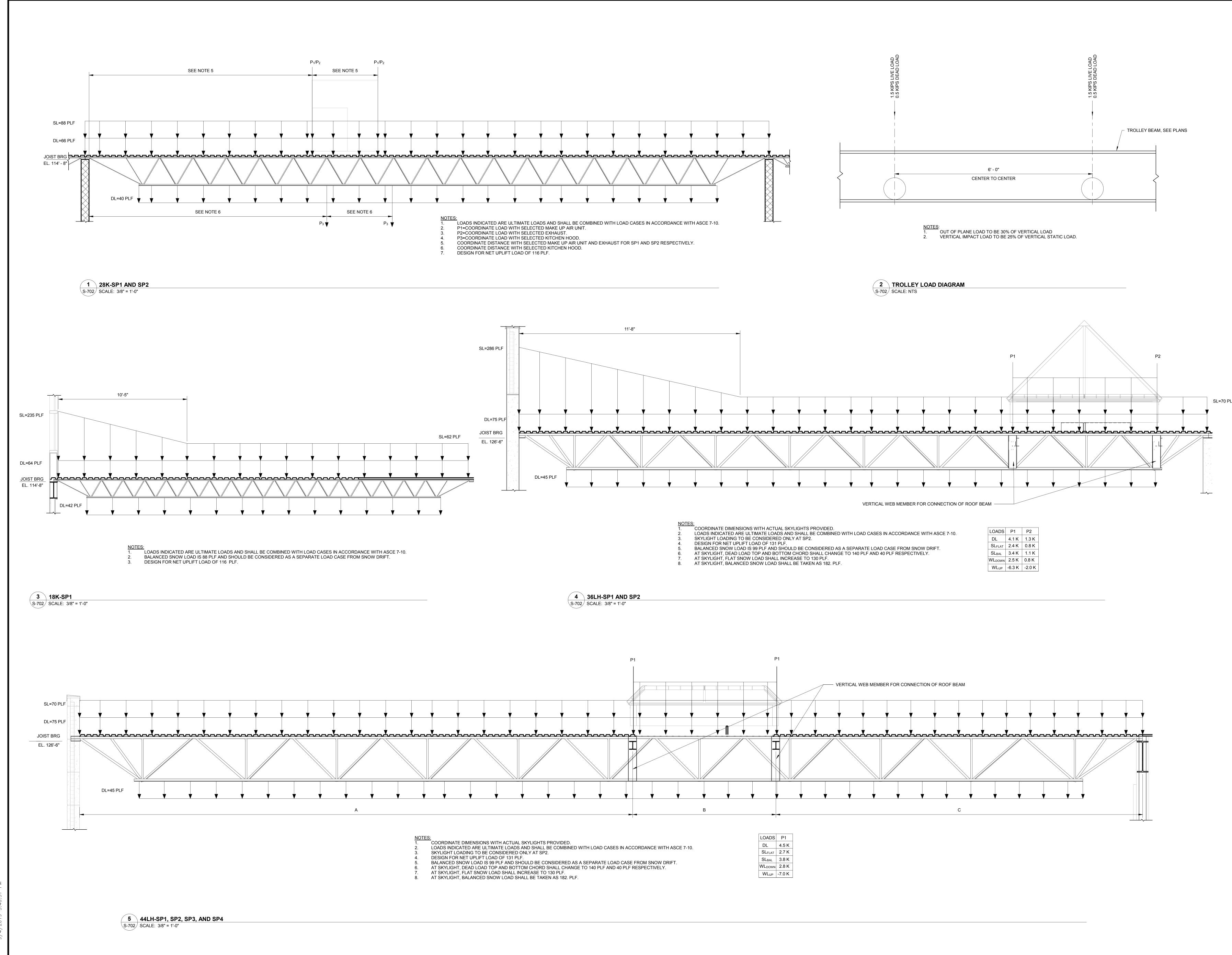
 THIS LOAD APPLIED ONLY WHERE MEZZANINE ATTACHES TO PRECAST WALL.

 NOTES

5 PRECAST WALL LOADING S-701 SCALE: 3/4" = 1'-0"

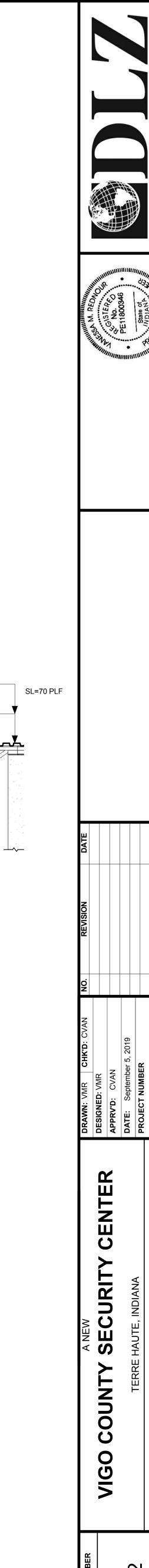
NOTE: REFERENCE PRECAST WALL LOADING TABLE ON DETAIL 5/S-701.



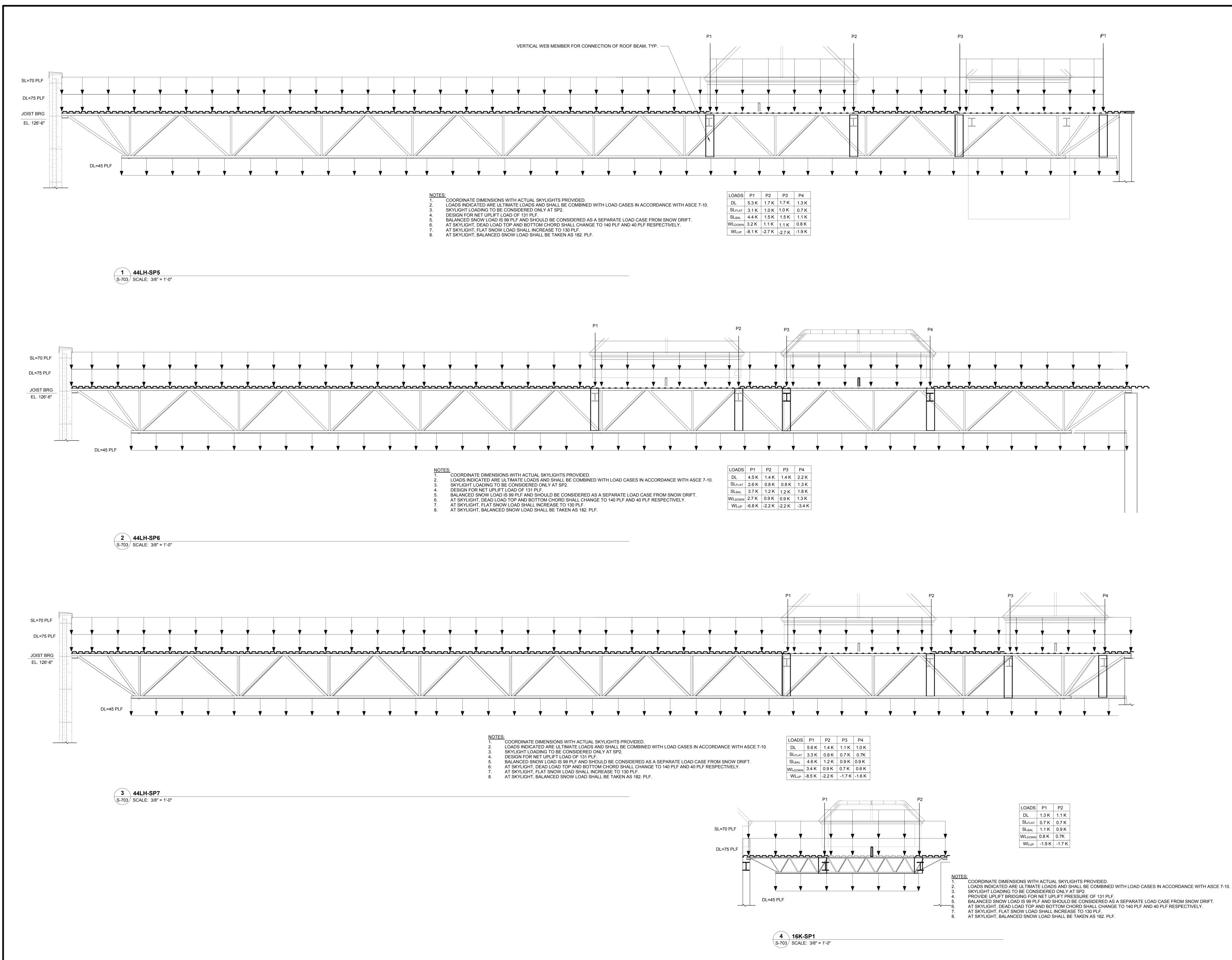


LOADS	P1	P2		
DL	4.1 K	1.3 K		
SLFLAT	2.4 K	0.8 K		
SLBAL	3.4 K	1.1 K		
WL _{DOWN}	2.5 K	0.8 K		
WLUP	-6.3 K	-2.0 K		

ADS	P1	
L	4.5 K	
-FLAT	2.7 K	
-BAL	3.8 K	
DOWN	2.8 K	
Lup	-7.0 K	







LOADS	P1	P2
DL	1.3 K	1.1 K
SLFLAT	0.7 K	0.7 K
SLBAL	1.1 K	0.9 K
WL _{DOWN}	0.8 K	0.7K
WLUP	-1.9 K	-1.7 K

BALANCED SNOW LOAD IS 99 PLF AND SHOULD BE CONSIDERED AS A SEPARATE LOAD CASE FROM SNOW DRIFT. AT SKYLIGHT, DEAD LOAD TOP AND BOTTOM CHORD SHALL CHANGE TO 140 PLF AND 40 PLF RESPECTIVELY.

