

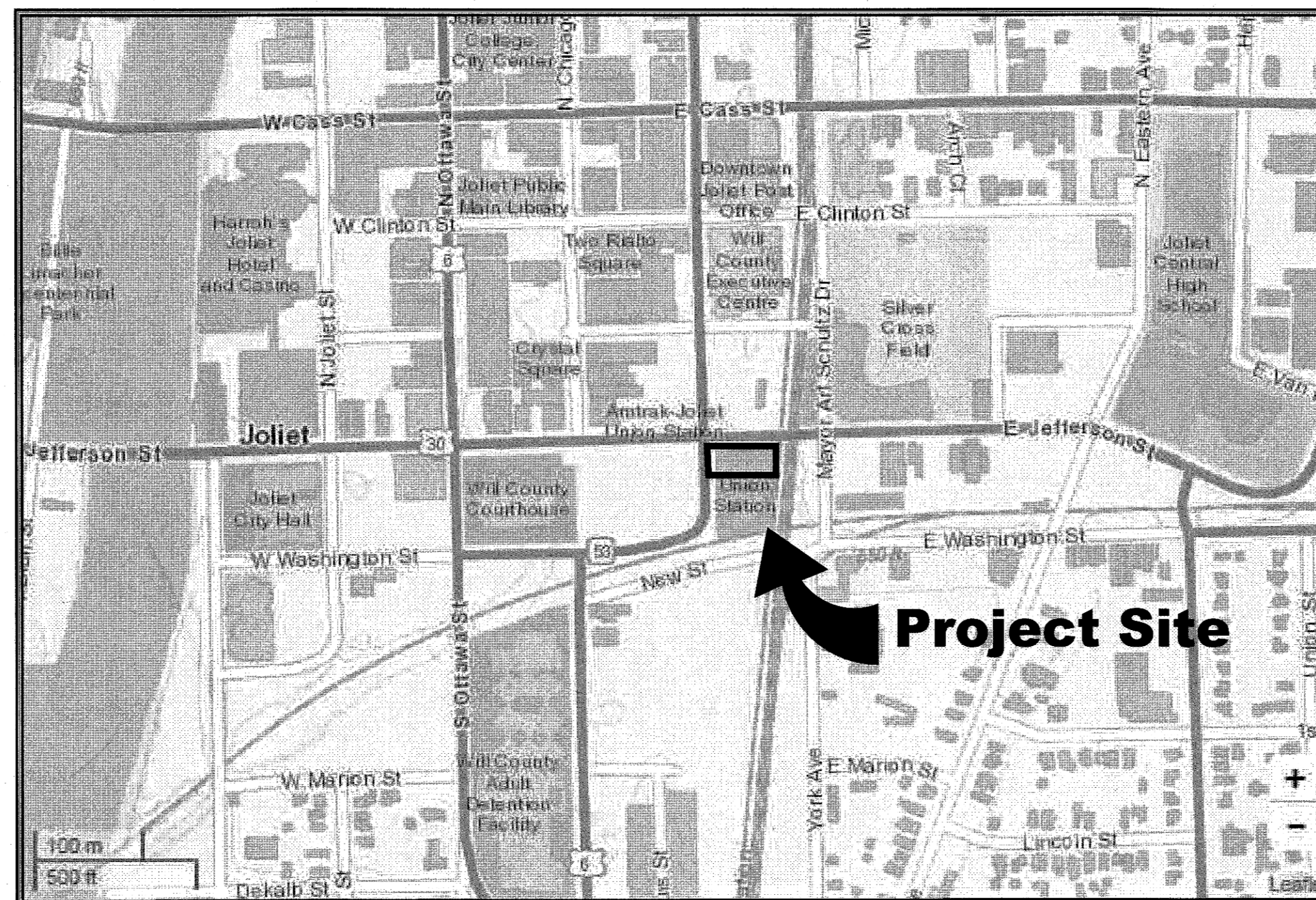
CITY OF JOLIET
WILL COUNTY, ILLINOIS

2017

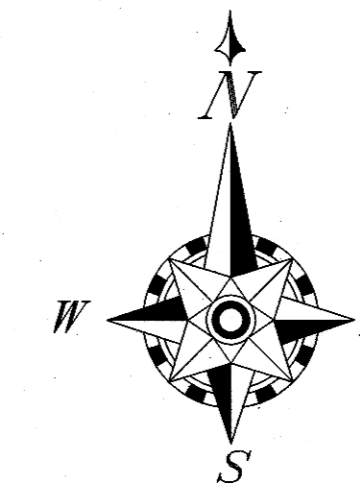
SITE IMPROVEMENTS
UNION STATION PLAZA

INDEX OF SHEETS

1. COVER SHEET
2. QUANTITIES
3. DEMOLITION PLAN
4. SITE PLAN
5. SOIL EROSION



JOLIET TOWNSHIP, W 1/2, SW 1/4, SECTION 10



DESIGNED & PREPARED BY:

Scott D. Gapsevich

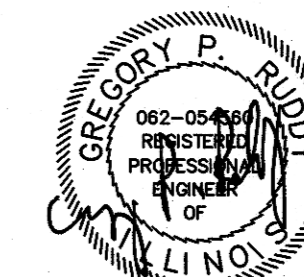
Scott D. Gapsevich
ENGINEERING SUPERVISOR

APPROVED BY:

CITY OF JOLIET

DEPARTMENT OF PUBLIC WORKS
GREGORY P. RUDDY, P.E.

Gregory P. Ruddy
PUBLIC WORKS ADMINISTRATOR



Date Sealed 04/04/17

Date Expired 11/30/17

BENCHMARKS:

BENCHMARK A
CUT CROSS 65' EAST OF THE UNION STATION SIGN & 10'
SOUTH OF THE BACK OF CURB ALONG JEFFERSON STREET.
ELEVATION 536.11

BENCHMARK B
CUT CROSS 166' EAST OF THE UNION STATION SIGN & 10'
SOUTH OF THE BACK OF CURB ALONG JEFFERSON STREET.
ELEVATION 534.58

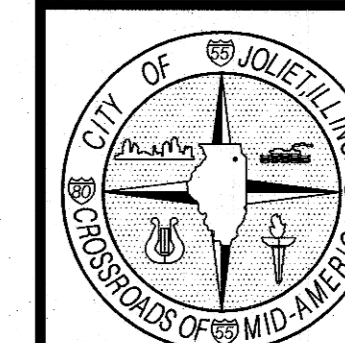
BENCHMARK C
CUT CROSS 63' SOUTH OF THE CLOCK TOWER & 3' EAST OF
THE BACK OF CURB AT CATCH BASIN ALONG SCOTT STREET.
ELEVATION 535.91

WARNING !!!



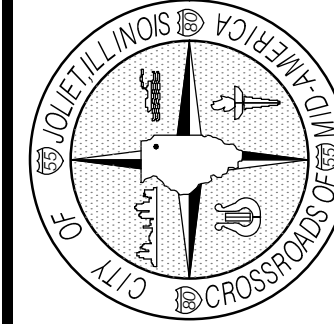
CALL BEFORE
YOU DIG
CITY OF JOLIET
UTILITY
INFORMATION
724-4220

DATE: April 2017



CITY OF JOLIET
DEPARTMENT OF PUBLIC WORKS
150 W. JEFFERSON STREET
JOLIET, ILLINOIS 60431
(815)-724-4200

CITY OF JOLIET				
UNION STATION PLAZA SITE IMPROVEMENTS - 2017				
(FOR MORE INFORMATION REGARDING THESE ITEMS SEE PLANS AND SPECIFICATIONS)				
SEQUENCE	ITEM #	ITEM DESCRIPTION	QUANTITY	UNITS
1	1	TREE REMOVAL (6-15 UNITS DIAMETER)	96	IN - DIA
2	2	BRICK PAVERS TO BE REMOVED	1,207	SQ YD
3	3	LANDSCAPE ISLAND TO BE REMOVED	1	LP SUM
4	4	STONE WALL TO BE REMOVED & REINSTALLED	80	LIN FT
5	5	FOUNDATION TO BE REMOVED	30	LIN FT
6	6	FOUNDATION TO BE INSTALLED	34	LIN FT
7	7	FOUNDATION TO BE MODIFIED	48	LIN FT
8	8	SIDEWALK REMOVAL AND REPLACEMENT, 5"	150	SQ FT
9	9	B-6.12 CURB & GUTTER TO BE REMOVED & REPLACED	62	LIN FT
10	10	HOT MIX ASPHALT REMOVAL & REPLACEMENT, 3"	25	SQ YD
11	11	CATCH BASIN TO BE ADJUSTED	2	EACH
12	12	EXCAVATION	30	CU YD
13	13	AGGREGATE BASE COURSE, TY. B, VARIABLE DEPTH	1,207	SQ YD
14	14	HIGH-EARLY-STRENGTH PCC PAVEMENT, 8"	1,207	SQ YD
15	15	REMOVAL & DISPOSAL OF CONTAMINATED MATERIAL	25	CU YD
16	16	EROSION CONTROL	1	LP SUM
17	17	ELECTRICAL SERVICE REMOVAL	1	LP SUM
18	18	SAWCUT ASPHALT SURFACE	75	LIN FT
19	19	SAWCUT CONCRETE SURFACE	75	LIN FT
20	20	REMOVAL & DISPOSAL UNSUITABLE MATERIAL	25	CU YD
21	21	POROUS GRANULAR EMBANKMENT, SPECIAL	25	CU YD



CITY OF JOLIET
 DEPARTMENT OF PUBLIC WORKS
 150 W. JEFFERSON STREET, JOLIET, ILLINOIS 60431
 (815)-724-4200

CHECKED BY: *CPR*
 DESIGNED BY: *SDC*
 DRAWN BY: *LWD*

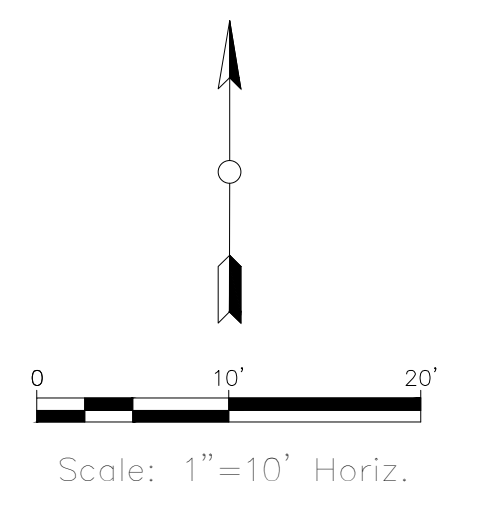
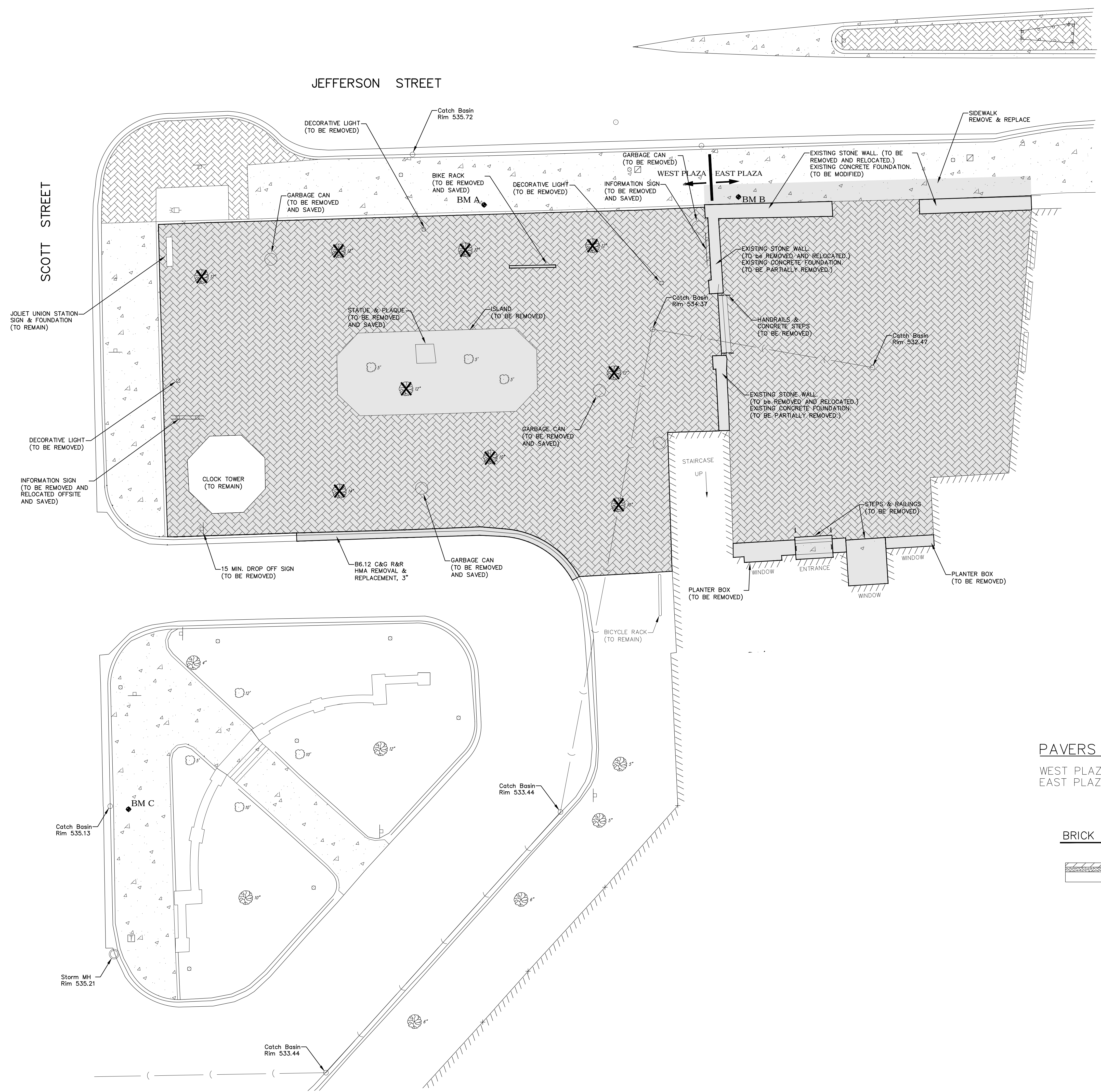
SCALE: *NONE*
 DATE: *April 2017*
 SHEET *2* OF *5*

UNION STATION - QUANTITIES
 IMPROVEMENT PROJECT - 2017
 JEFFERSON ST. - SCOTT ST.

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LEGEND

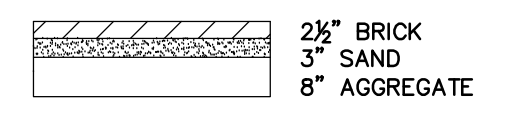
- DECORATIVE LIGHTS
- ▨ BRICK PAVERS
- AREA TO BE REMOVED
- ✕ TREE TO BE REMOVED



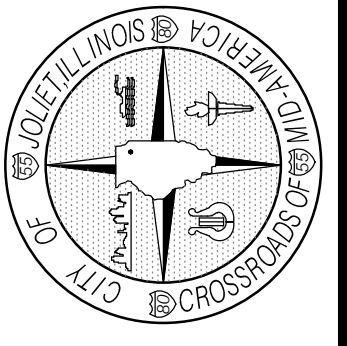
PAVERS TO BE REMOVED

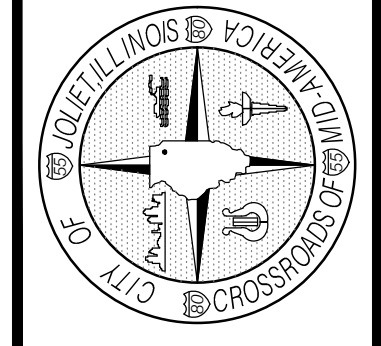
WEST PLAZA	7,087 SQ.FT.	787 SQ. YD.
EAST PLAZA	3,779 SQ.FT.	420 SQ. YD.
	10,866 SQ.FT.	1,207 SQ. YD.

BRICK PAVER DETAIL



CHECKED BY: <i>CPR</i>	SCALE: 1" = 10'
DESIGNED BY: <i>SDG</i>	DATE: April 2017
DRAWN BY: <i>LWD</i>	SHEET 3 OF 5

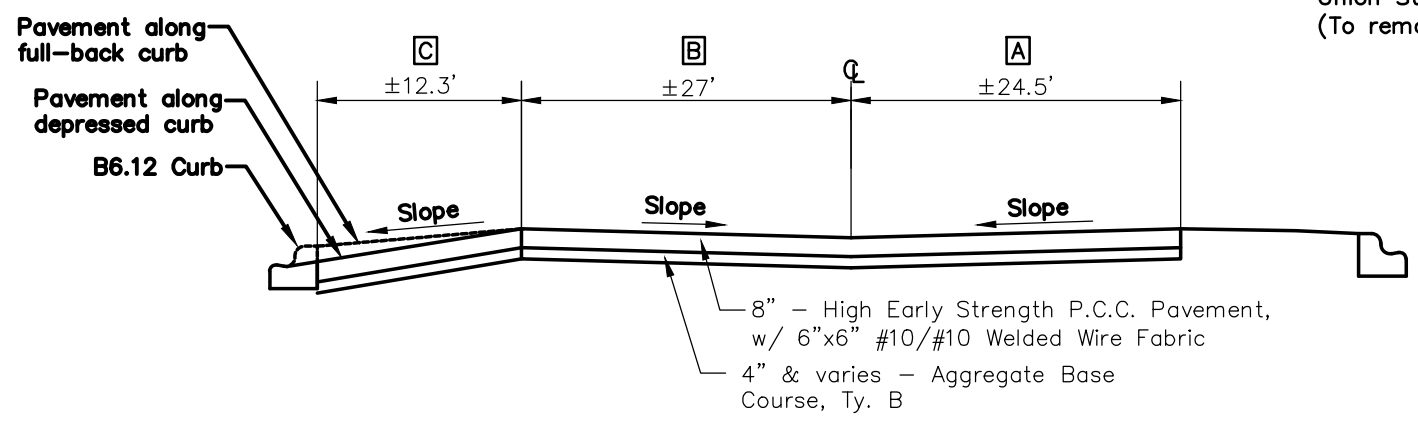




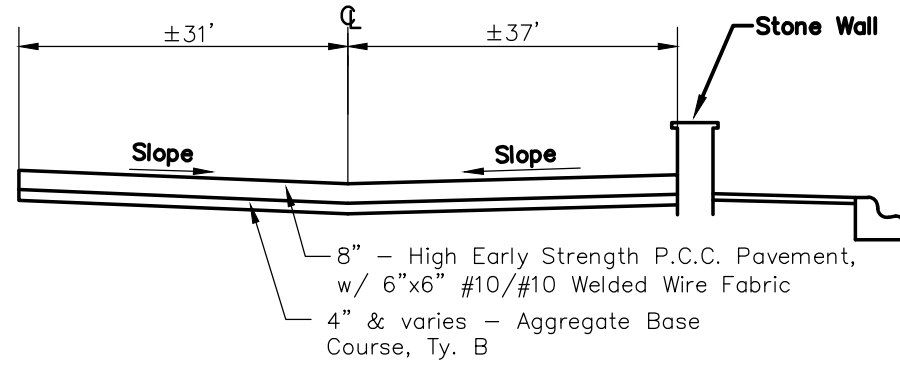
LEGEND

- Existing Streetscape Brick Pavers
- Existing P.C.C. Sidewalk
- Proposed Early high-strength concrete (8") w/ aggregate base
- Proposed Concrete expansion joint.
- = Proposed Grade
- = Existing Grade

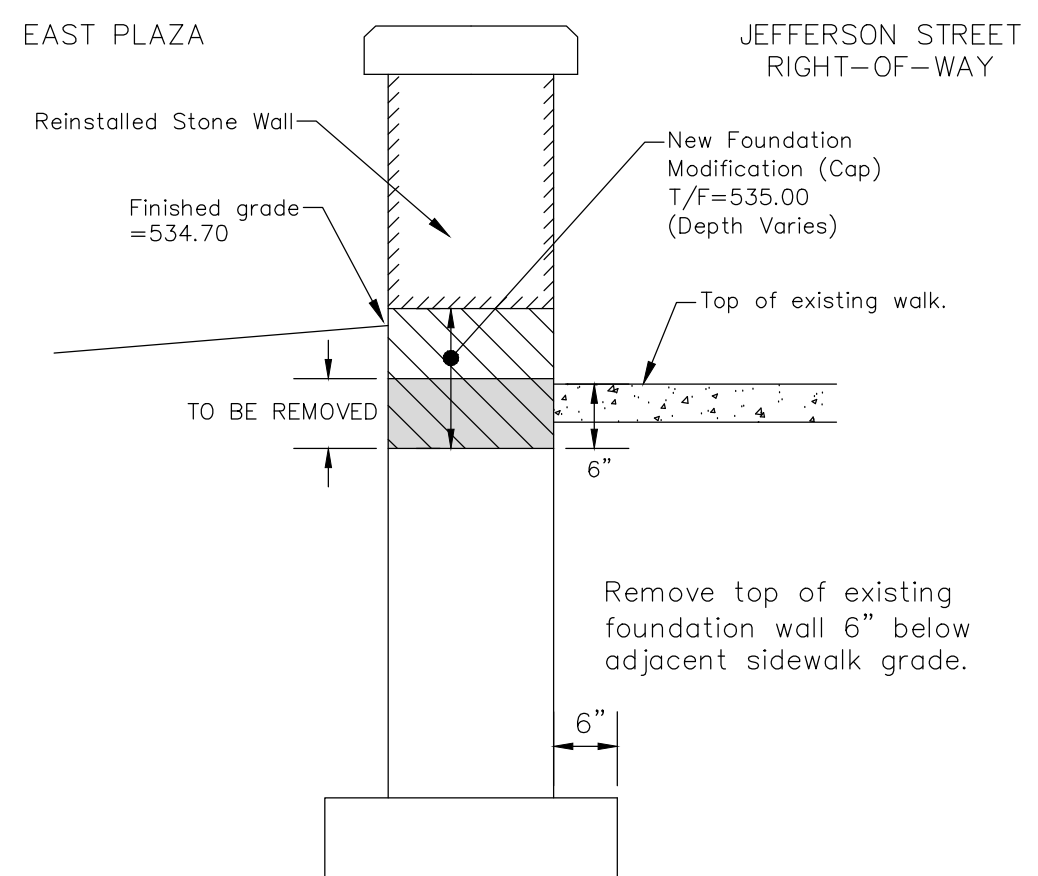
**SECTION A-A
LOOKING WEST**



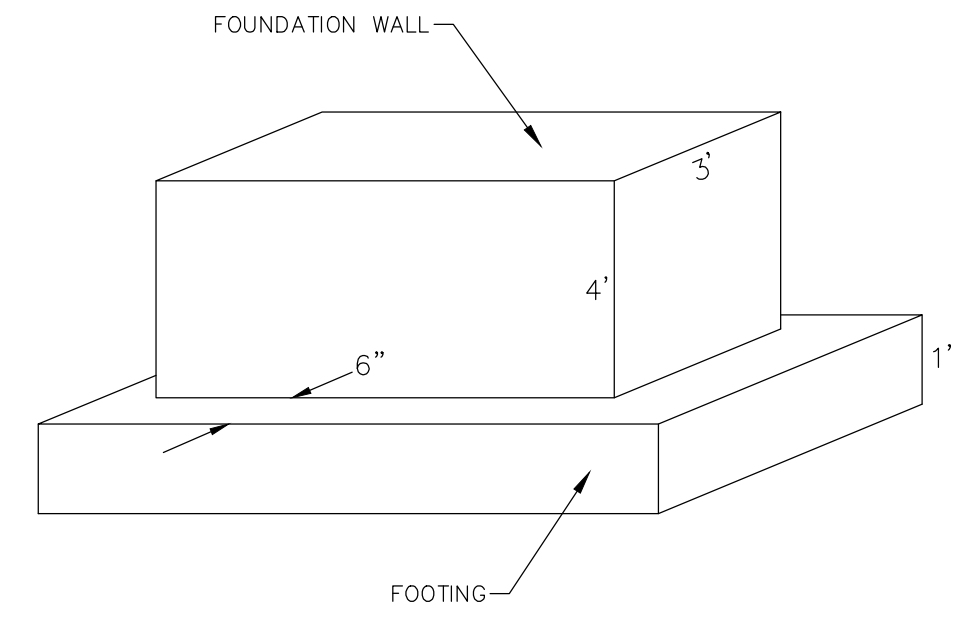
**SECTION B-B
LOOKING WEST**



**SECTION C-C
LOOKING WEST**

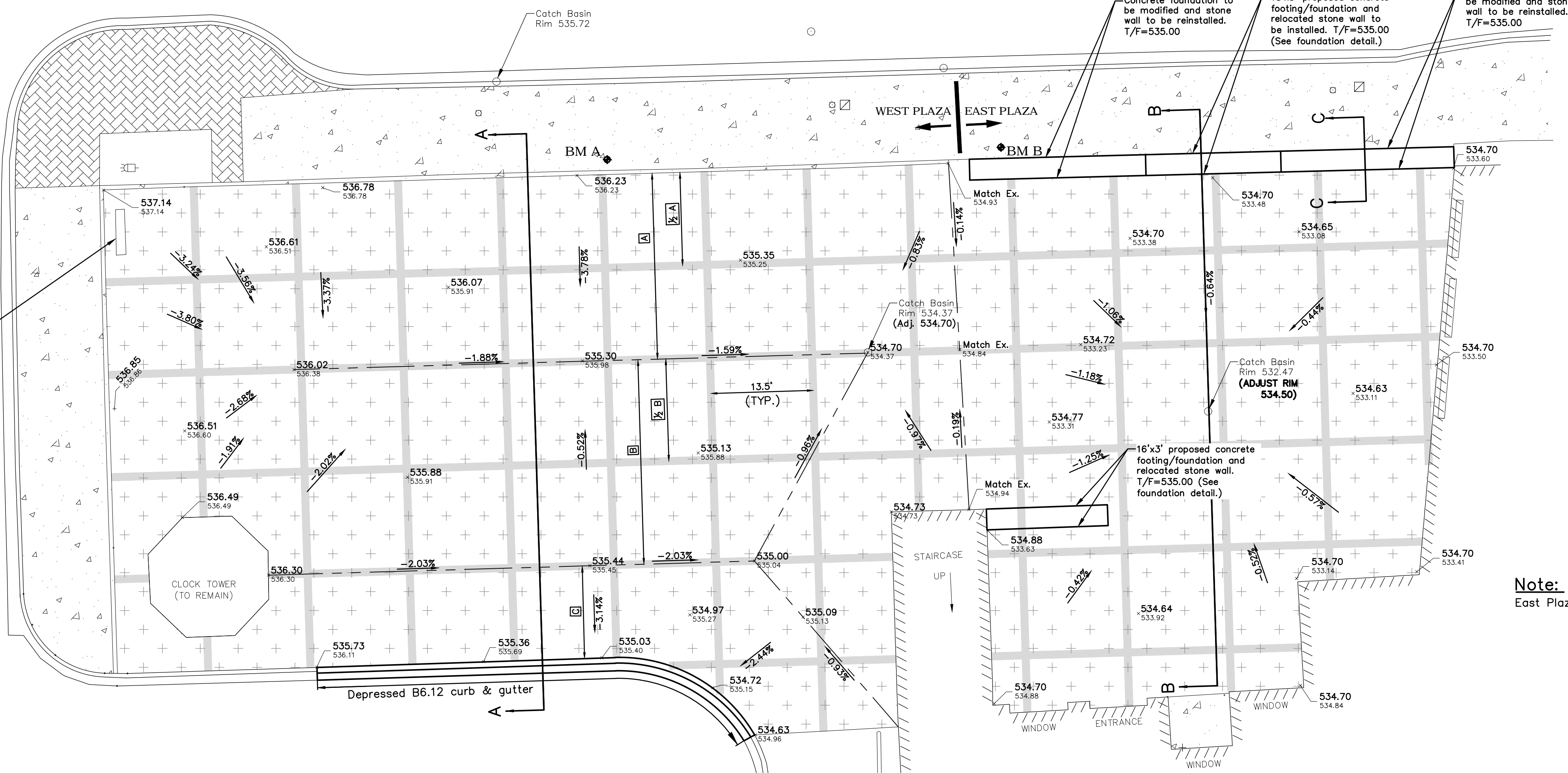


FOUNDATION WALL DETAIL



JEFFERSON STREET

SCOTT STREET

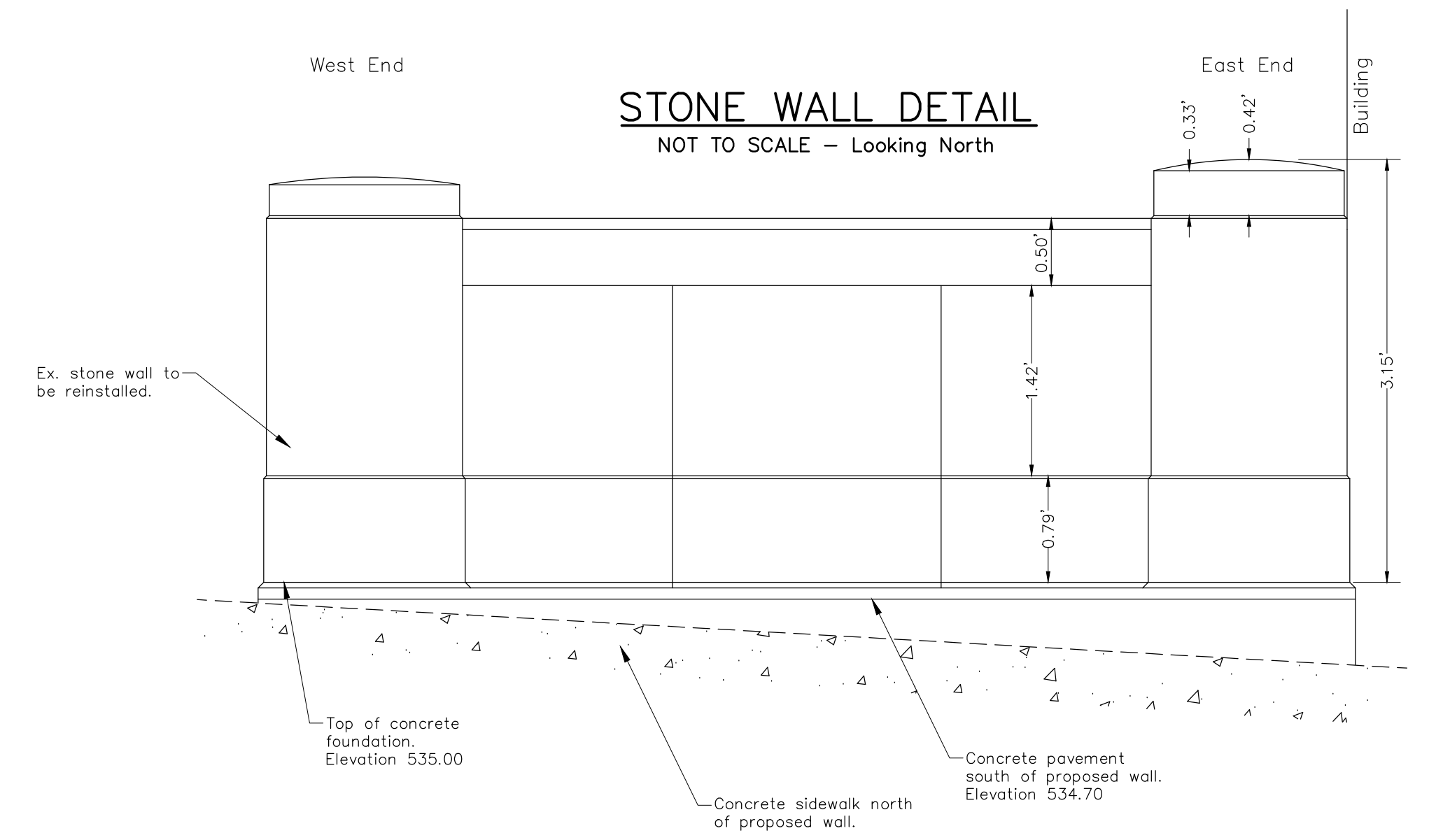


Note:
East Plaza area to be filled.

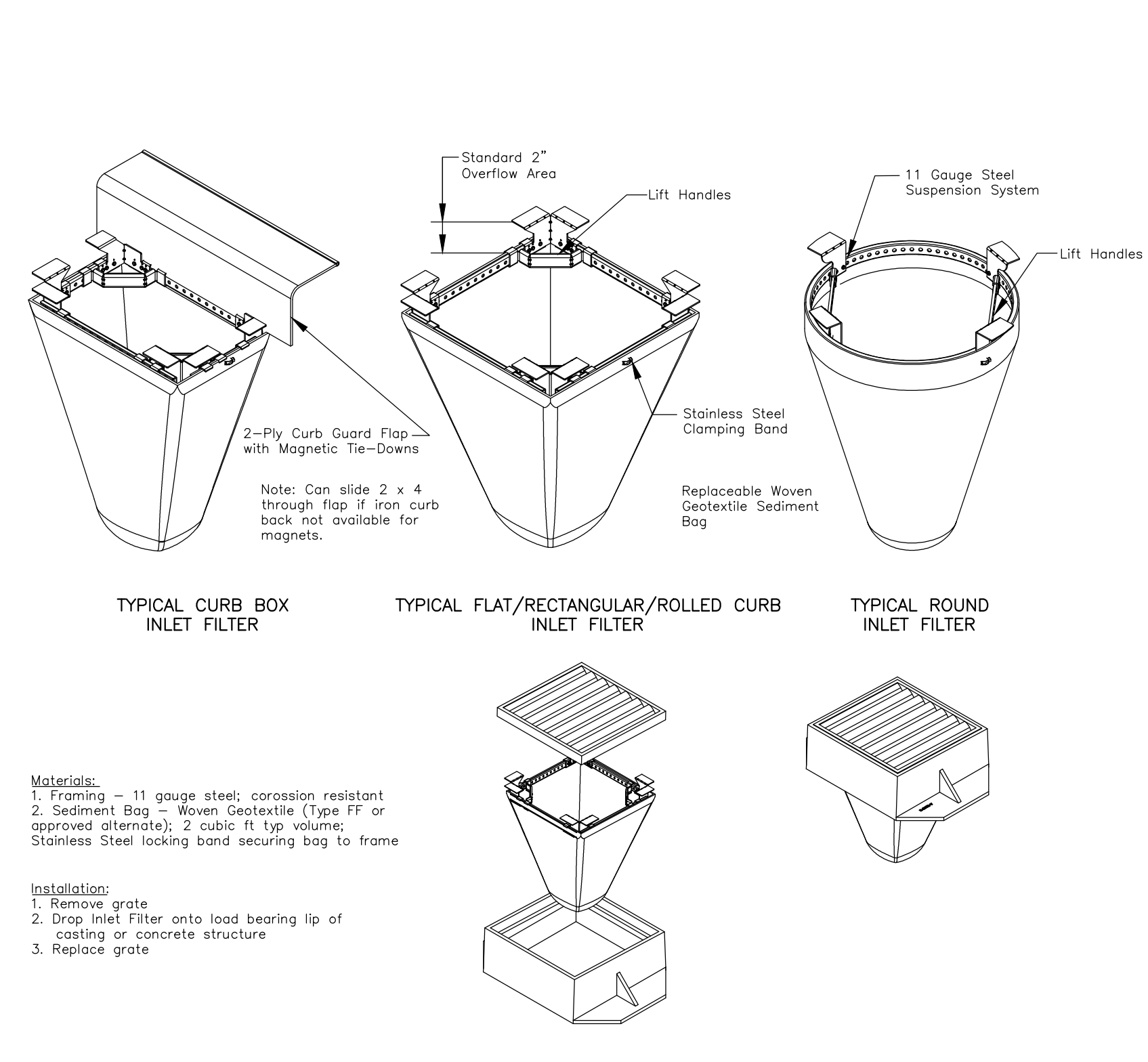
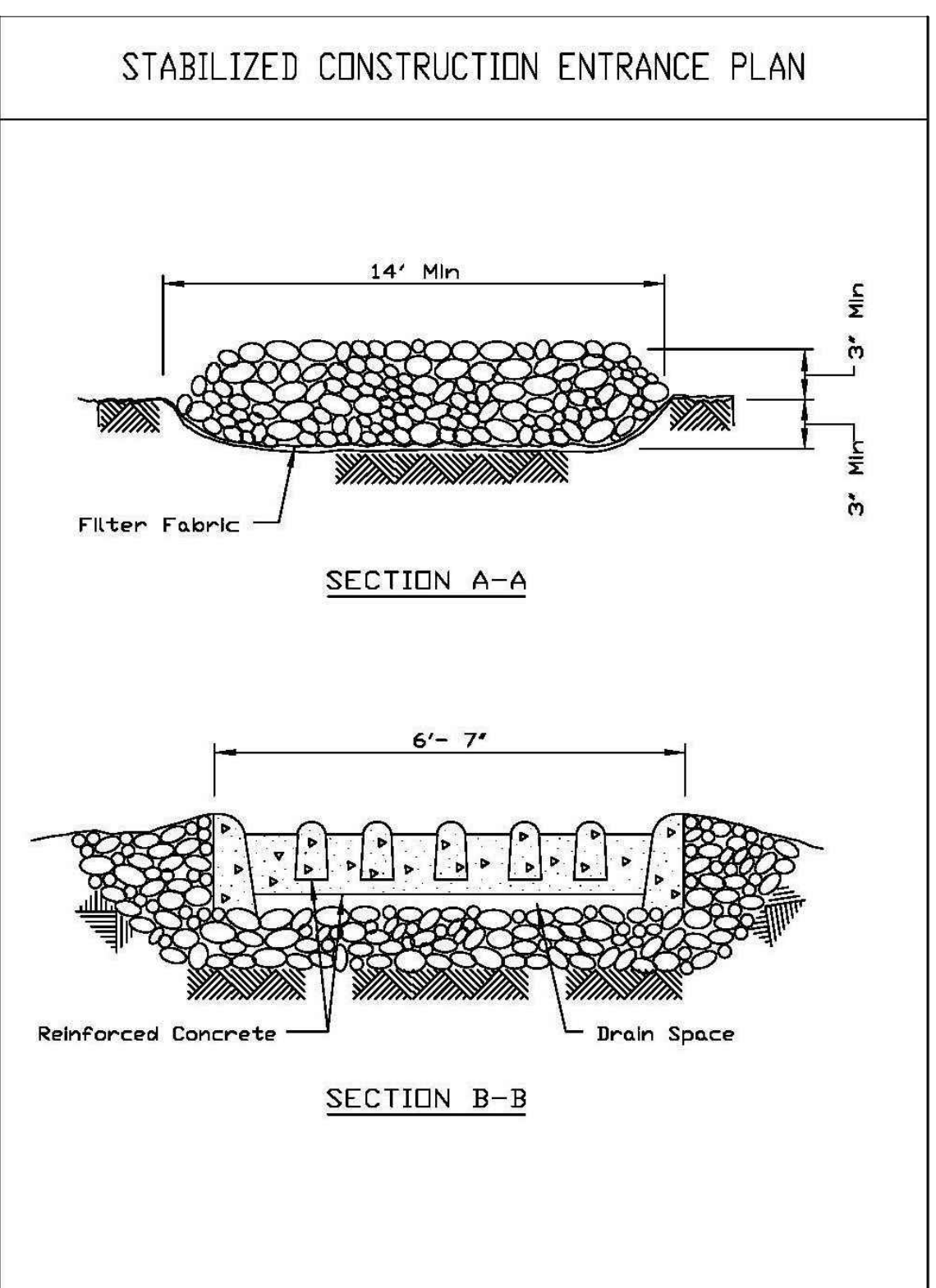
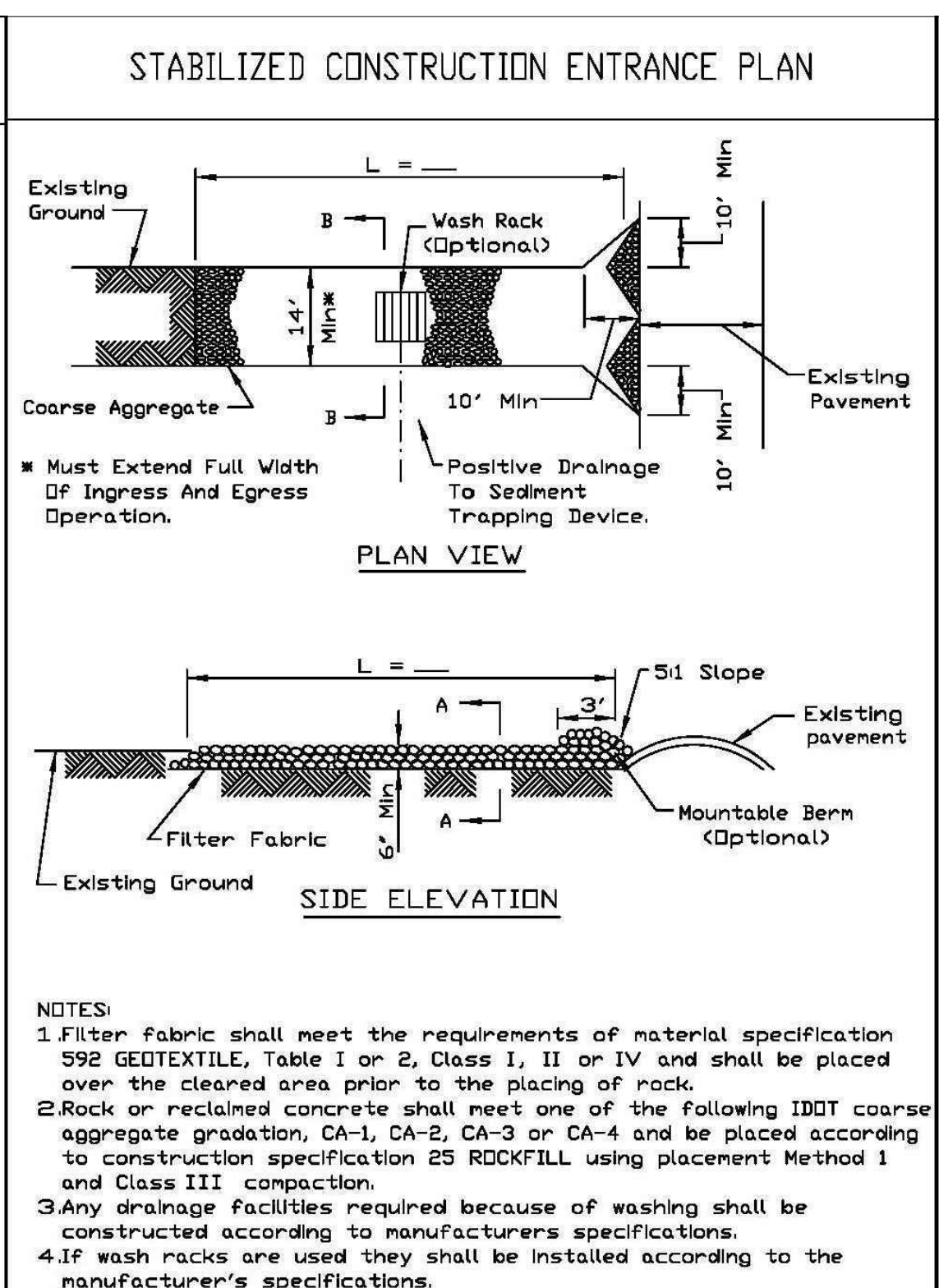
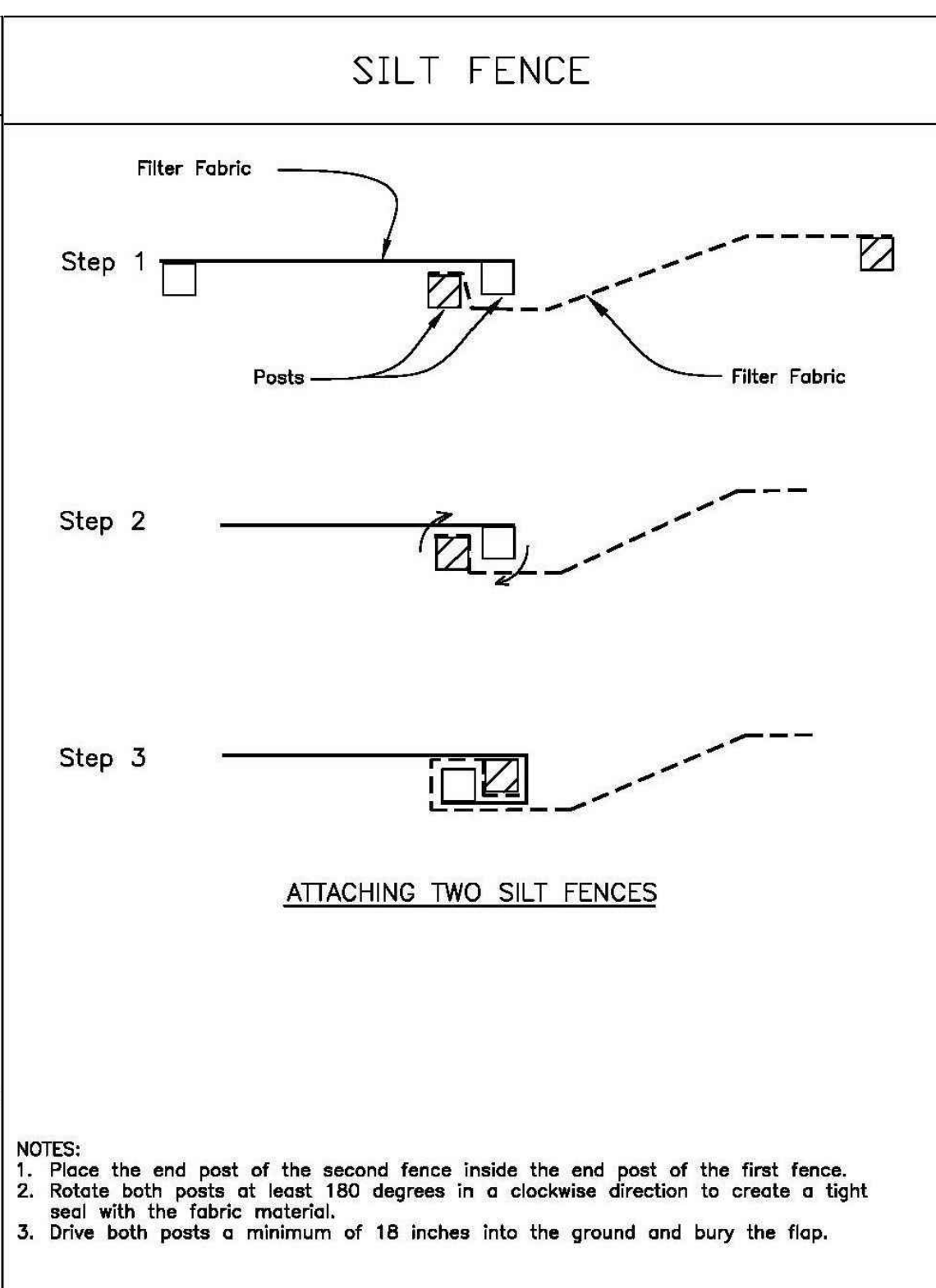
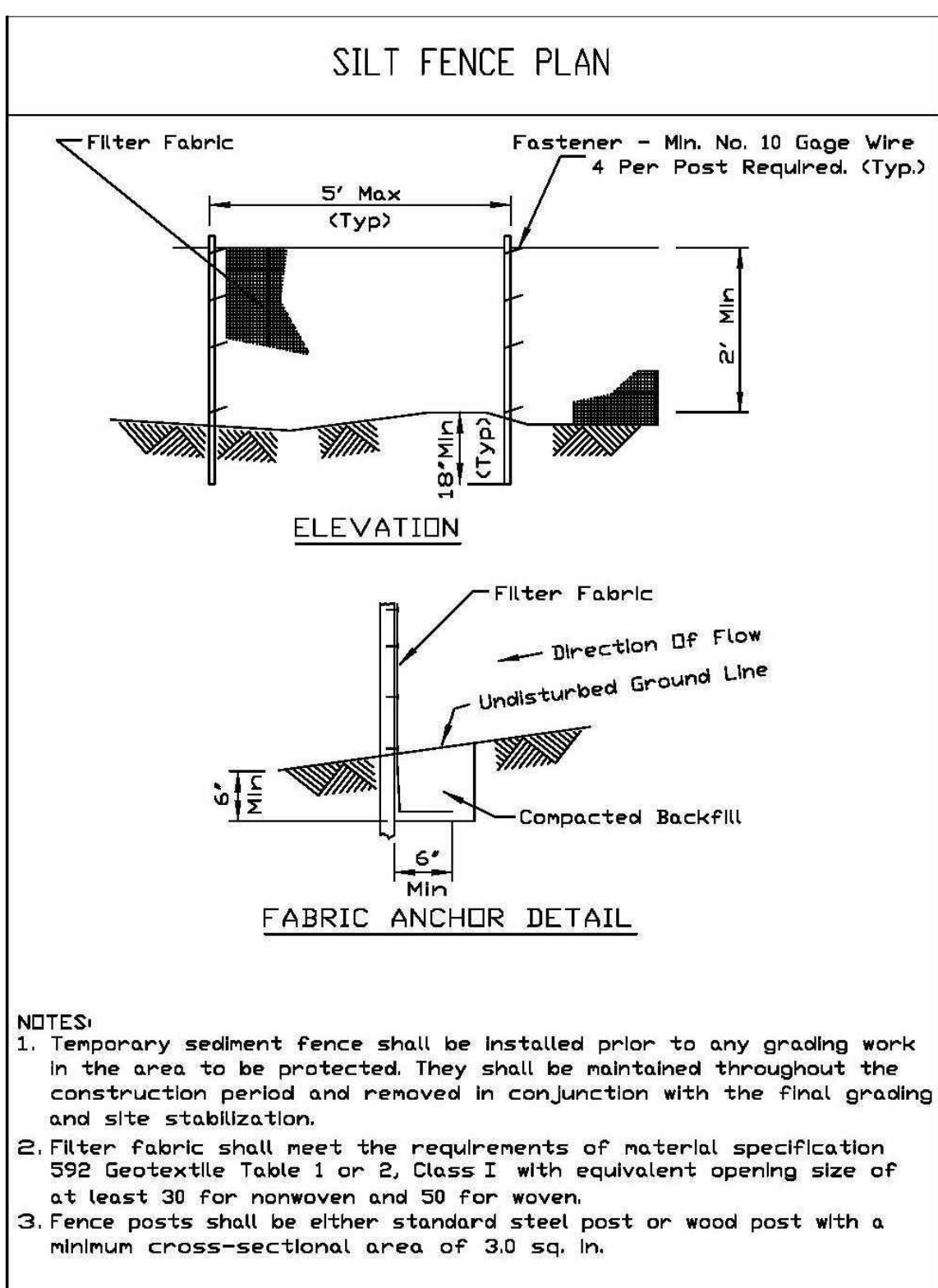
Cut/Fill Summary

Name	Out Factor	Fill Factor	2d Area	Out	Fill	Net
west sq volume	1.000	1.000	7059.18 Sq. Ft.	26.76 Cu. Yd.	17.38 Cu. Yd.	9.38 Cu. Yd. <Out>
east sq volume	1.000	1.000	3973.66 Sq. Ft.	0.65 Cu. Yd.	206.75 Cu. Yd.	206.70 Cu. Yd. <Fill>
Totals			11032.83 Sq. Ft.	26.81 Cu. Yd.	224.12 Cu. Yd.	197.31 Cu. Yd. <Fill>

STONE WALL DETAIL
NOT TO SCALE - Looking North



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NOTES:

- Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
- Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 50 for woven.
- Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

Project	Date
Designed	Date
Checked	Date
Approved	Date

NOTES:

- Place the end post of the second fence inside the end post of the first fence.
- Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
- Drive both posts a minimum of 18 inches into the ground and bury the flap.

Project	Date
Designed	Date
Checked	Date
Approved	Date

NOTES:

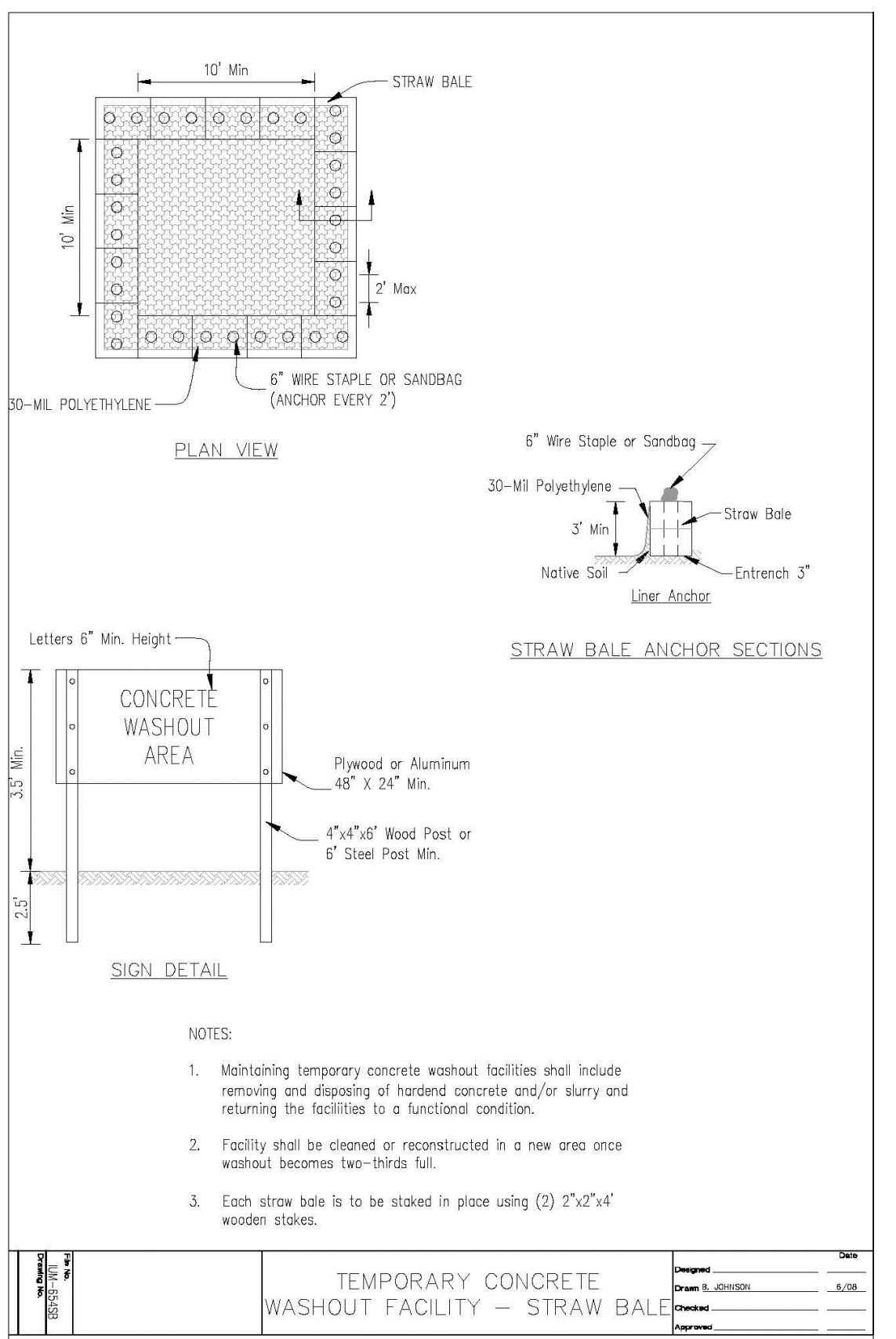
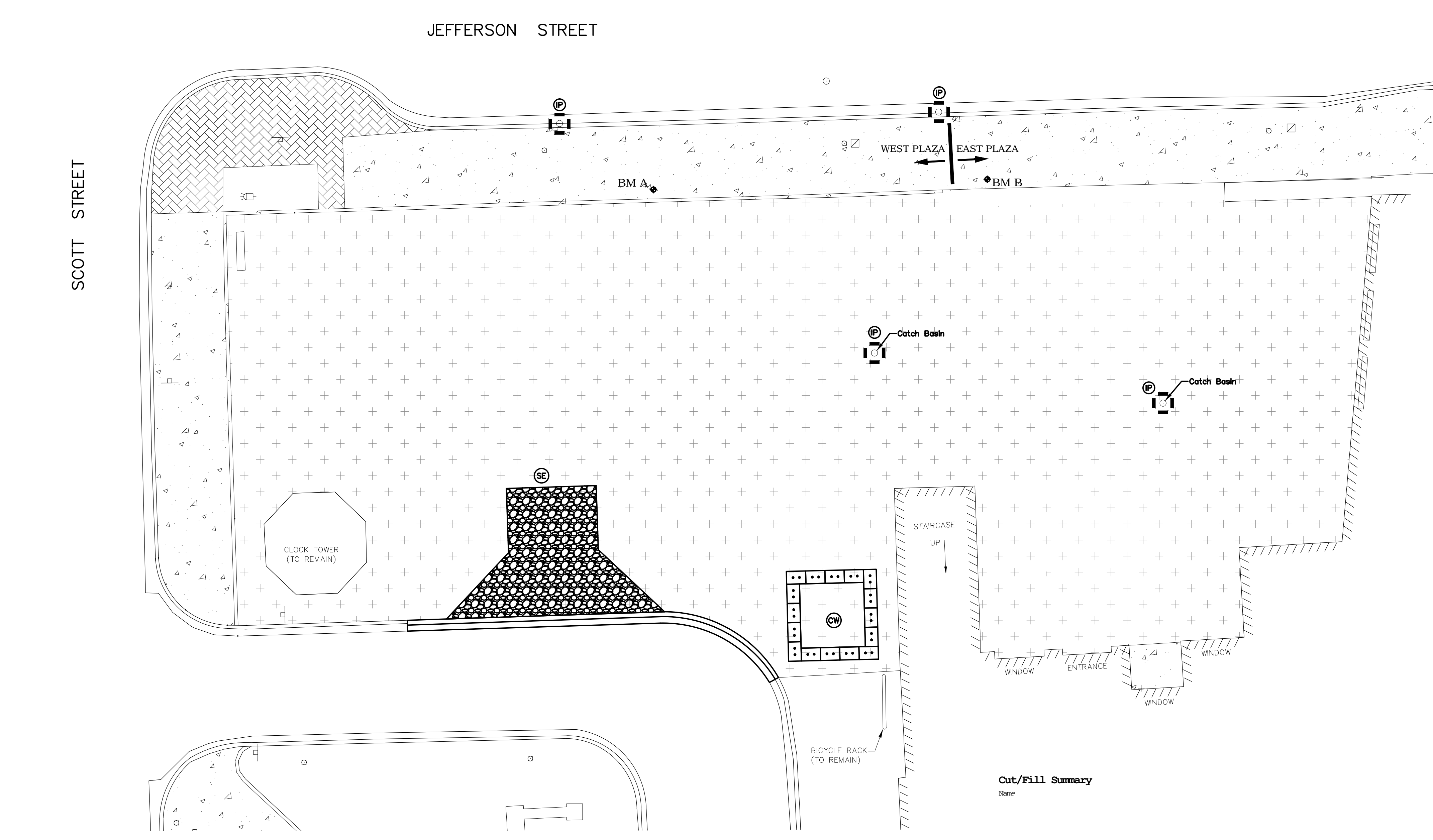
- Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
- Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
- Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
- If wash racks are used they shall be installed according to the manufacturer's specifications.

Project	Date
Designed	Date
Checked	Date
Approved	Date

Project	Date
Designed	Date
Checked	Date
Approved	Date

Project	Date
Designed	Date
Checked	Date
Approved	Date

REFERENCE Project _____ Date _____ Designed _____ Date _____ Checked _____ Date _____ Approved _____ Date _____	STANDARD DWG. NO. IL-620 SHEET 1 OF 2 DATE 11-20-01	REFERENCE Project _____ Date _____ Designed _____ Date _____ Checked _____ Date _____ Approved _____ Date _____	STANDARD DWG. NO. IL-620(W) SHEET 2 OF 2 DATE 1-29-99	REFERENCE Project _____ Date _____ Designed _____ Date _____ Checked _____ Date _____ Approved _____ Date _____	STANDARD DWG. NO. IL-630 SHEET 1 OF 2 DATE 9-18-94	REFERENCE Project _____ Date _____ Designed _____ Date _____ Checked _____ Date _____ Approved _____ Date _____	STANDARD DWG. NO. IL-630 SHEET 2 OF 2 DATE 9-18-94
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EROSION CONTROL

LEGEND

- INLET PROTECTION
- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- CONCRETE WASHOUT