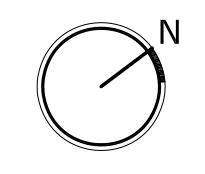
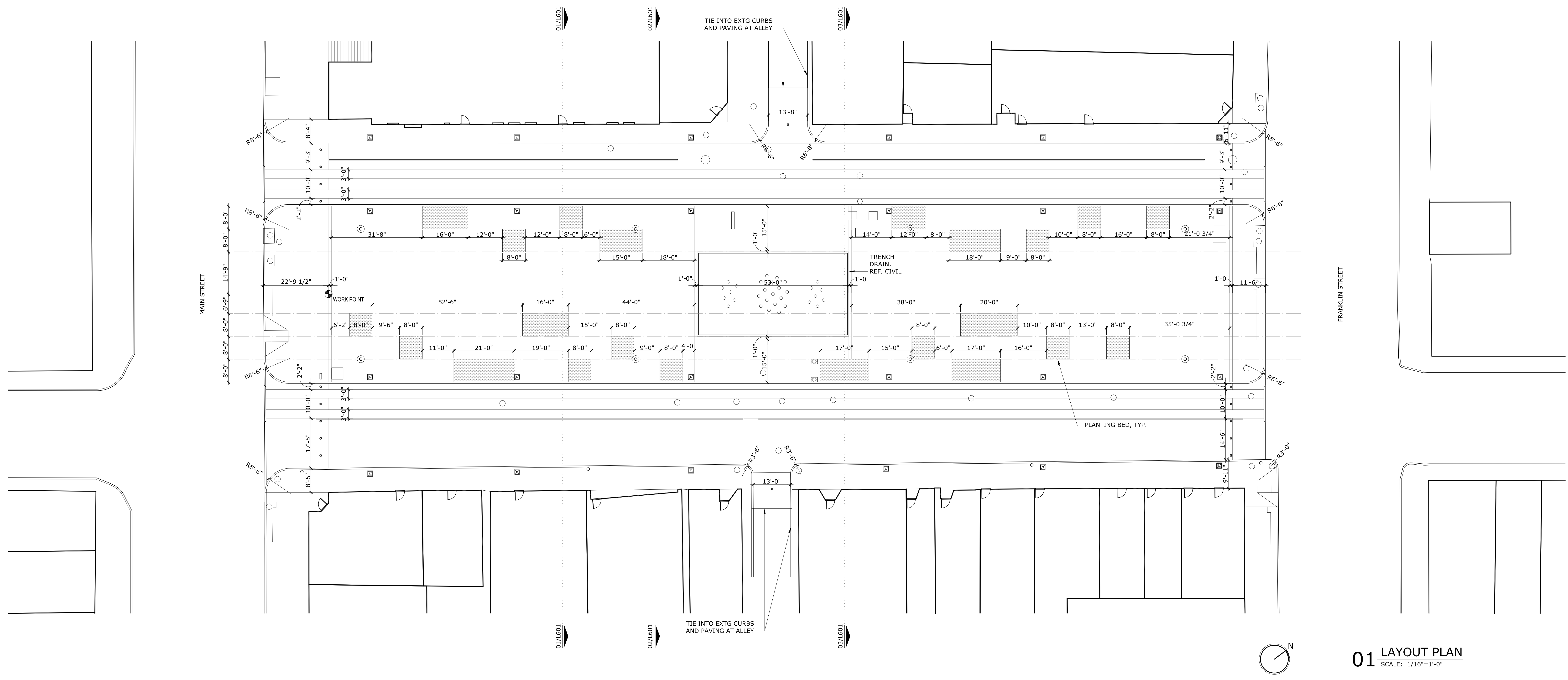


E
D
C
B
A
4/1/2016 1:15 PM James
E:\2.0 Projects\13-001_17th Street Plaza\Drawing\02 Sheets\13-001_17TH ST_L101_LAYOUT PLAN.dwg



01 LAYOUT PLAN
SCALE: 1/16"=1'-0"



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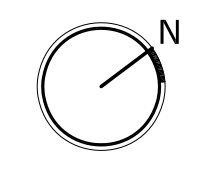
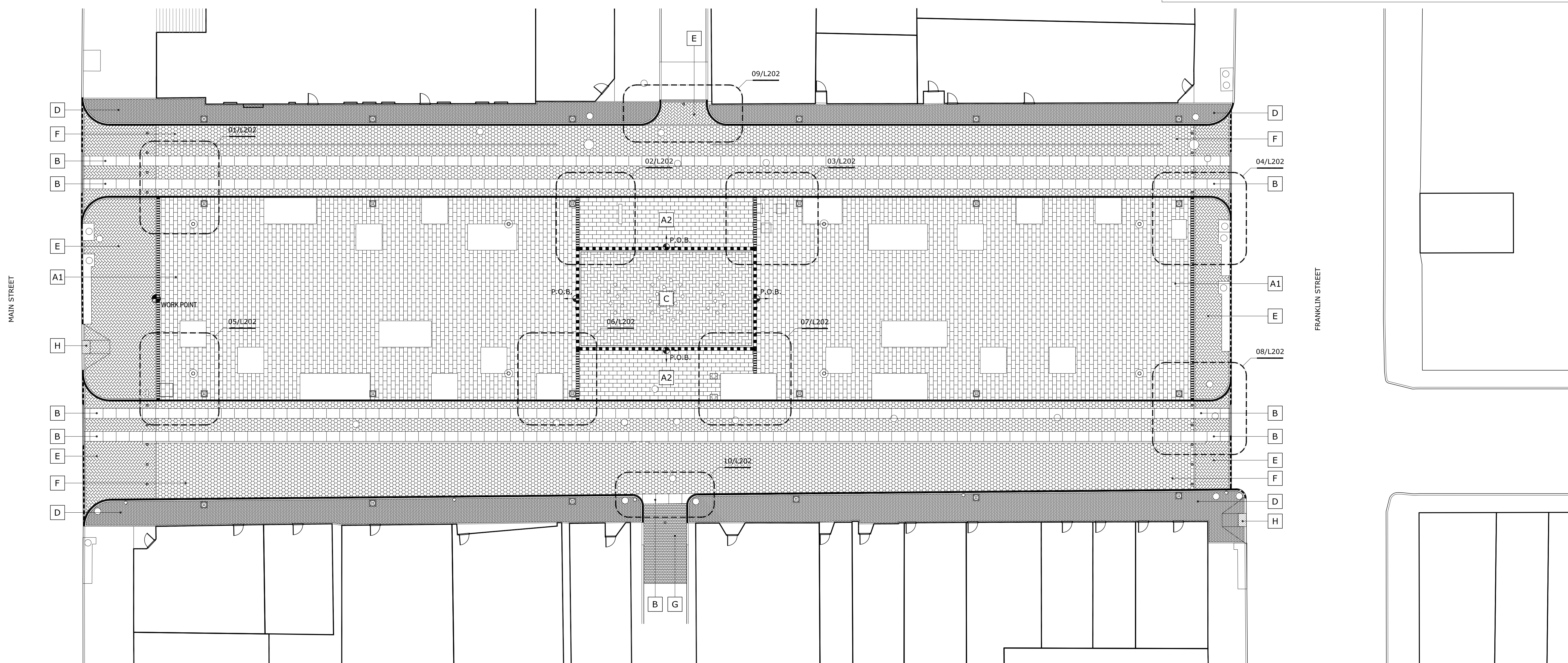
ISSUE
04.04.16
100% CONSTRUCTION DOCUMENTS

DRAWING TITLE
LAYOUT PLAN

DRAWING NO.
L101

LEGEND			
A		PRESSED PAVER - TYPE A (15"W x 30"L x 4"D)	11/L202 12/L202 01/L703 15,400 SF
B		GRANITE PAVER - TYPE B CART PATH (36"W x 48"L x 4"D)	13/L202 02/L703 4,250 SF
C		GRANITE PAVER - TYPE C (12"W x 24"L x 3"D)	14/L202 01/L703 1,500 SF
D		BRICK SIDEWALK CITY STANDARD (4"W x 8"L x 2 1/4"D)	15/L202 06/L703 5,000 SF
E		BRICK PAVER (DRIVEABLE) CITY STANDARD (4"W x 8"L x 2 3/4"D)	15/L202 05/L703 3,500 SF
F		'FISHSCALE' GRANITE SPALLS REUSE EXISTING AND MATCH SHOCKOE SLIP PATTERN	17/L202 03/L703 11,900 SF
G		'WALNUT ALLEY' COBBLES REUSE EXISTING AND MATCH	16/L202 04/L703 400 SF
H		DETECTABLE WARNING SURFACE AT ADA CURB RAMPS	20 SF
		FLUSH GRANITE BAND (12"W x 36"-96"L x 8"D)	11/L703 190 LF
		FLUSH GRANITE BAND (12"W x 36"-96"L x 4"D)	12/L703 170 LF
		FLUSH GRANITE CURB REUSE EXISTING AND MATCH	16/L703 1,420 LF (STRAIGHT) 17/L703 120 LF (CURVED) 18/L703
		RAISED GRANITE CURB REUSE EXISTING AND MATCH	19/L703 200 LF
		ANGLED GRANITE CURB	20/L703 65 LF

NOTES:
1. CONTRACTOR TO COORDINATE 'X' SP' OF 1/2" THICKNESS TYPE A PAVER AND FLUSH GRANITE BAND PAVING TO BE INSET AT VAULT ACCESS HATCHES.



01 PAVING PLAN
SCALE: 1/16"=1'-0"

E:\2.0 Projects\13-001_17th Street Plaza\Drawing\02 Sheets\13-001_17TH ST_L201_PAVING PLAN.dwg 4/1/2016 1:21 PM James

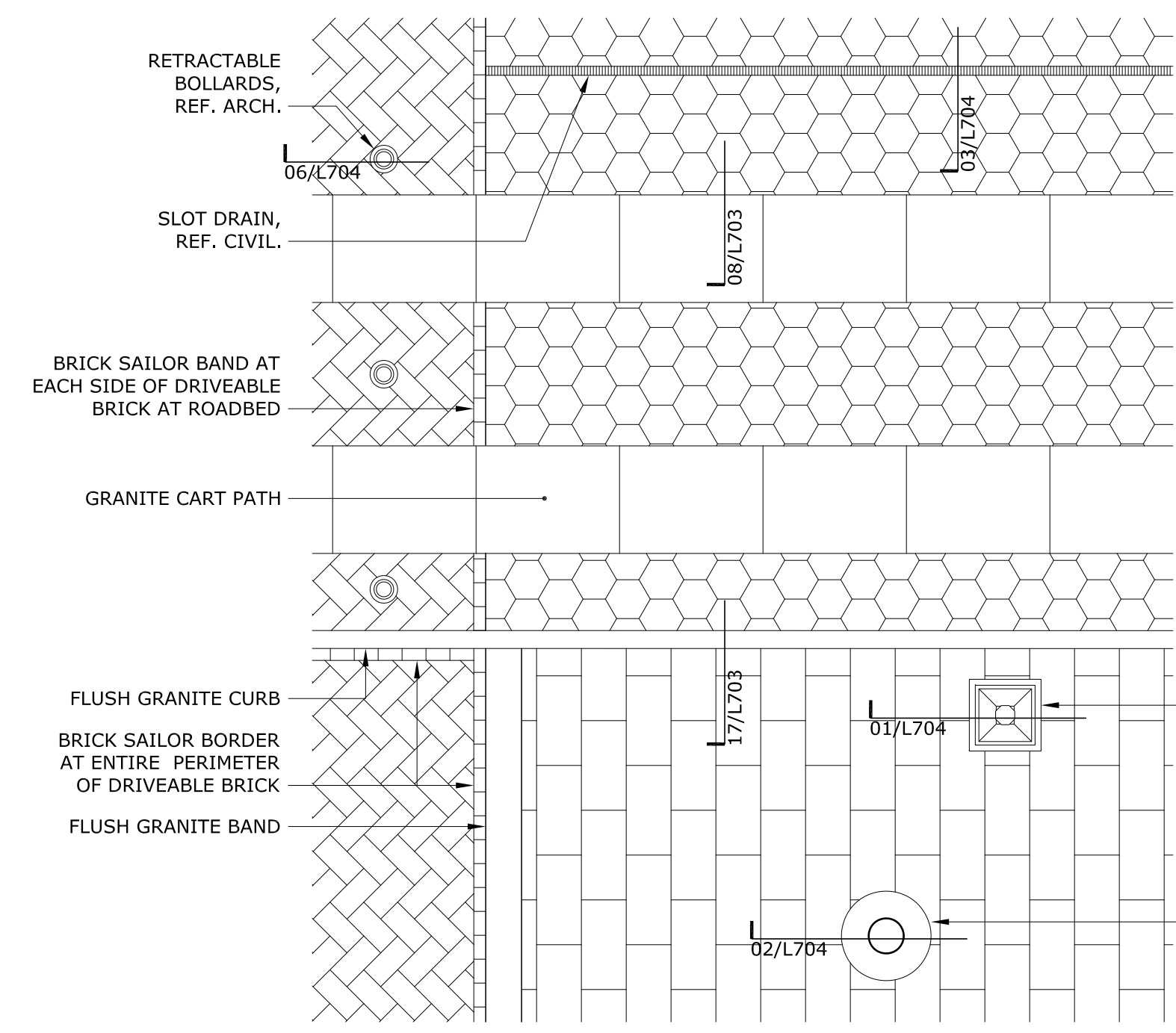


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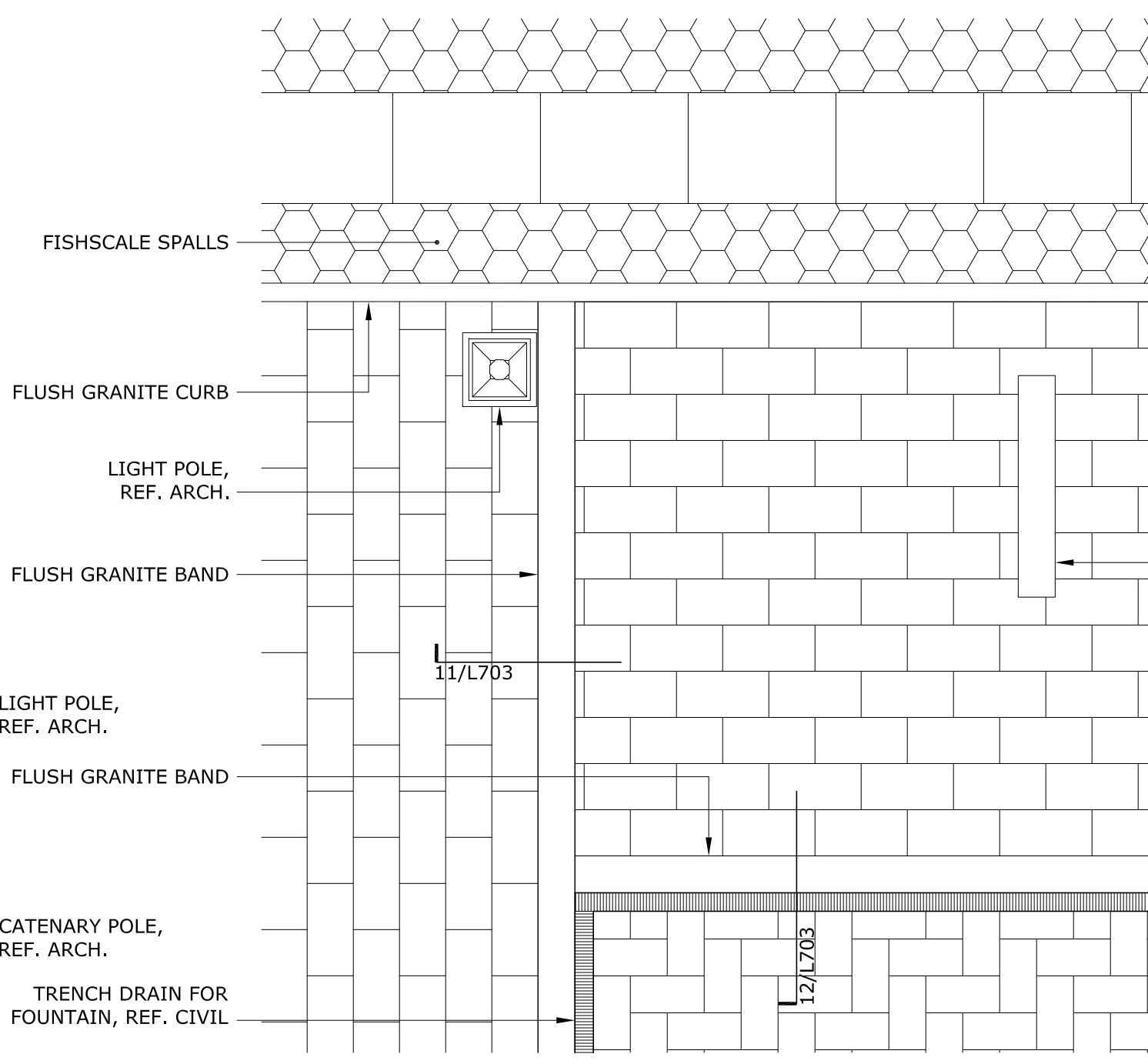
ISSUE
04.04.16
100% CONSTRUCTION DOCUMENTS

DRAWING TITLE
PAVING PLAN

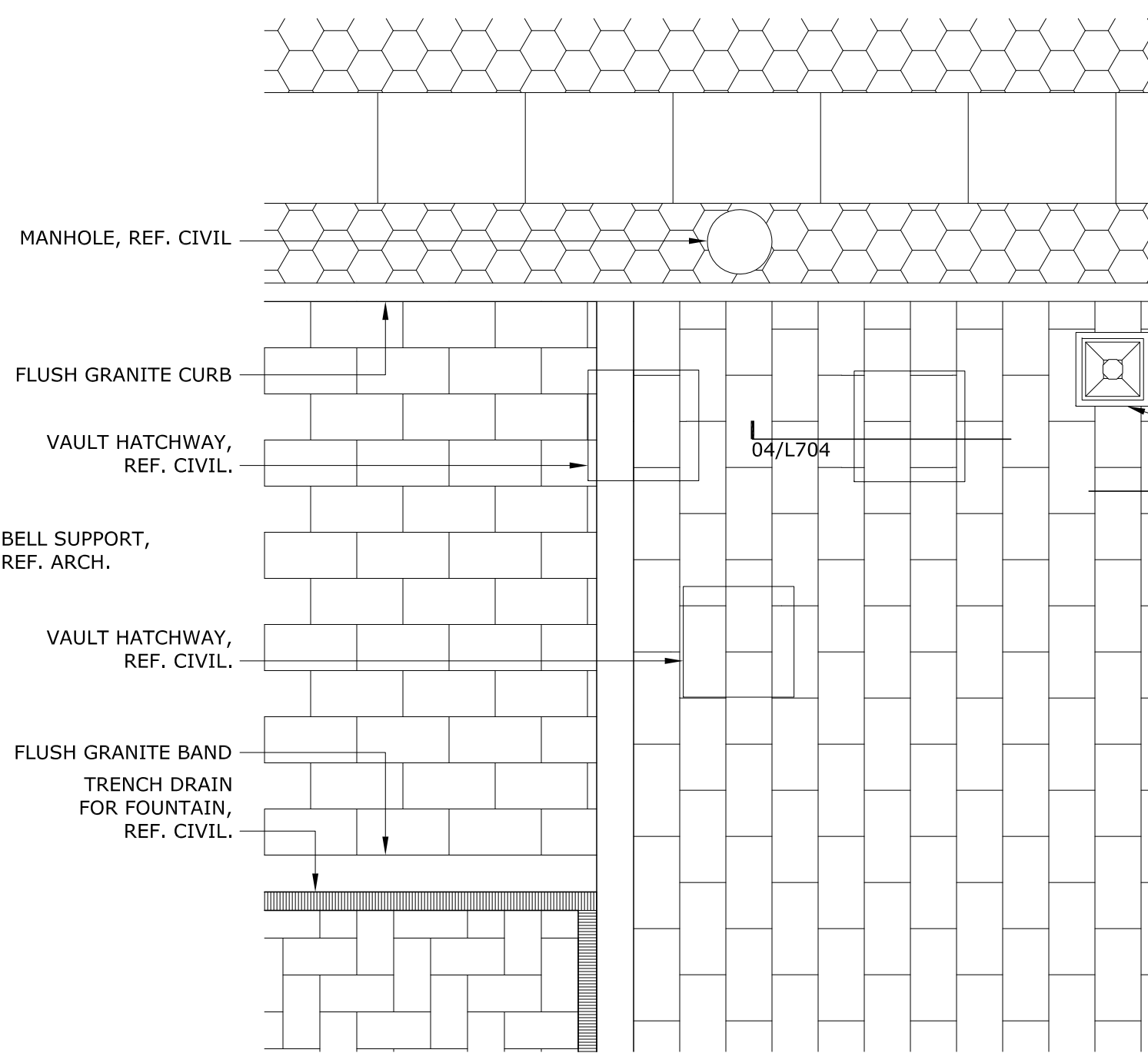
DRAWING NO.
L201



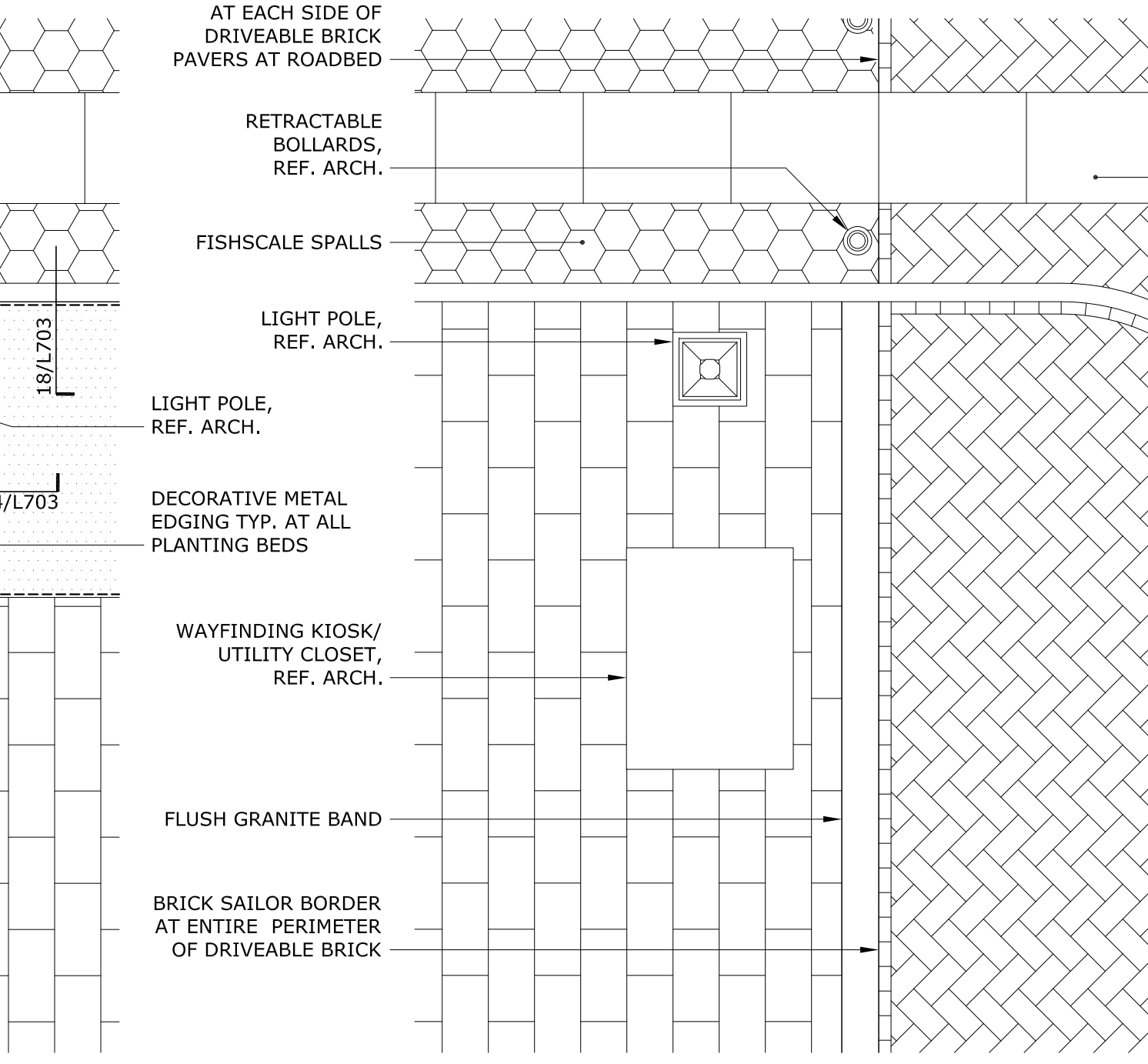
01 PAVING PLAN
SCALE: 1/4"=1'-0"



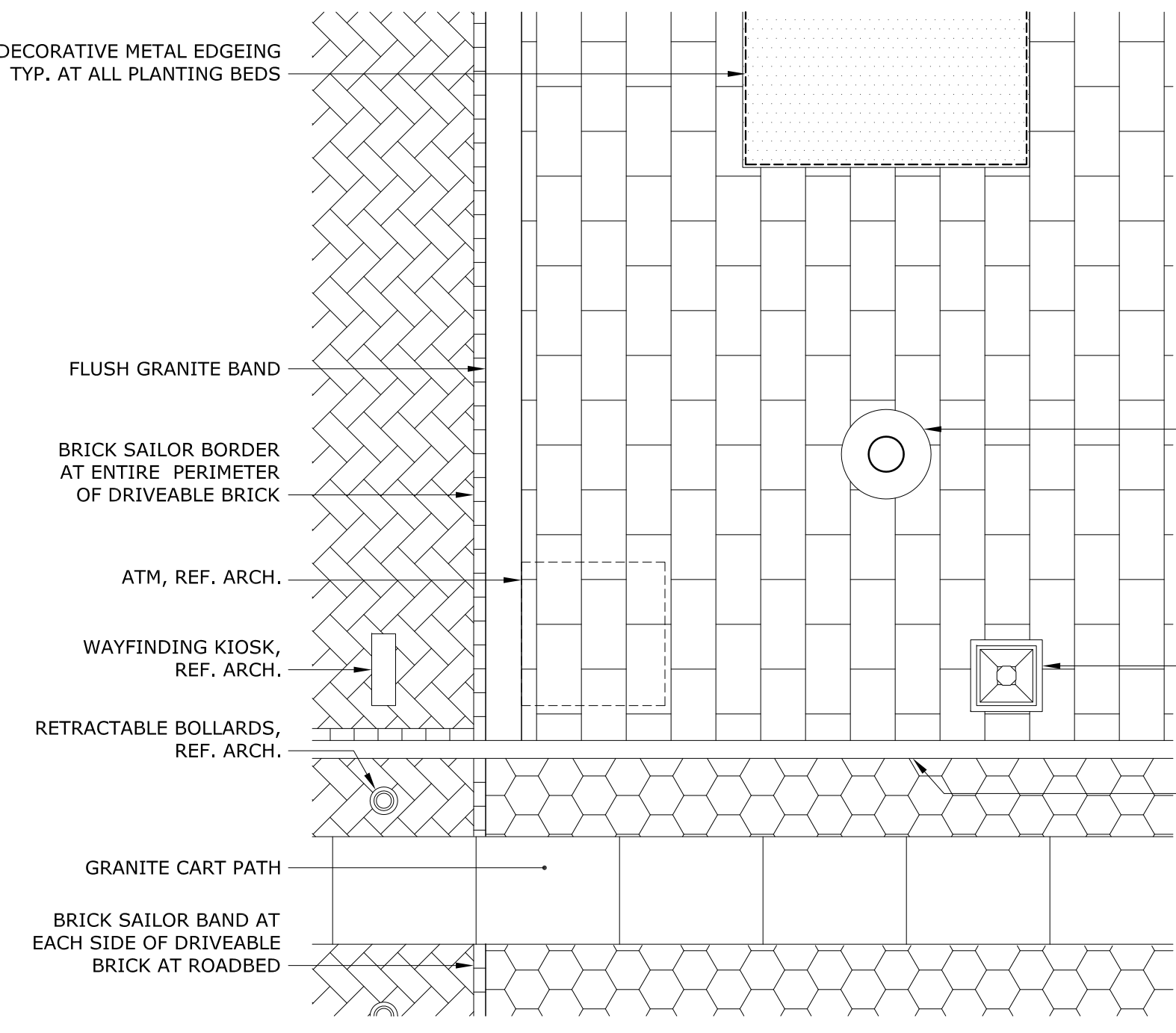
02 PAVING PLAN
SCALE: 1/4"=1'-0"



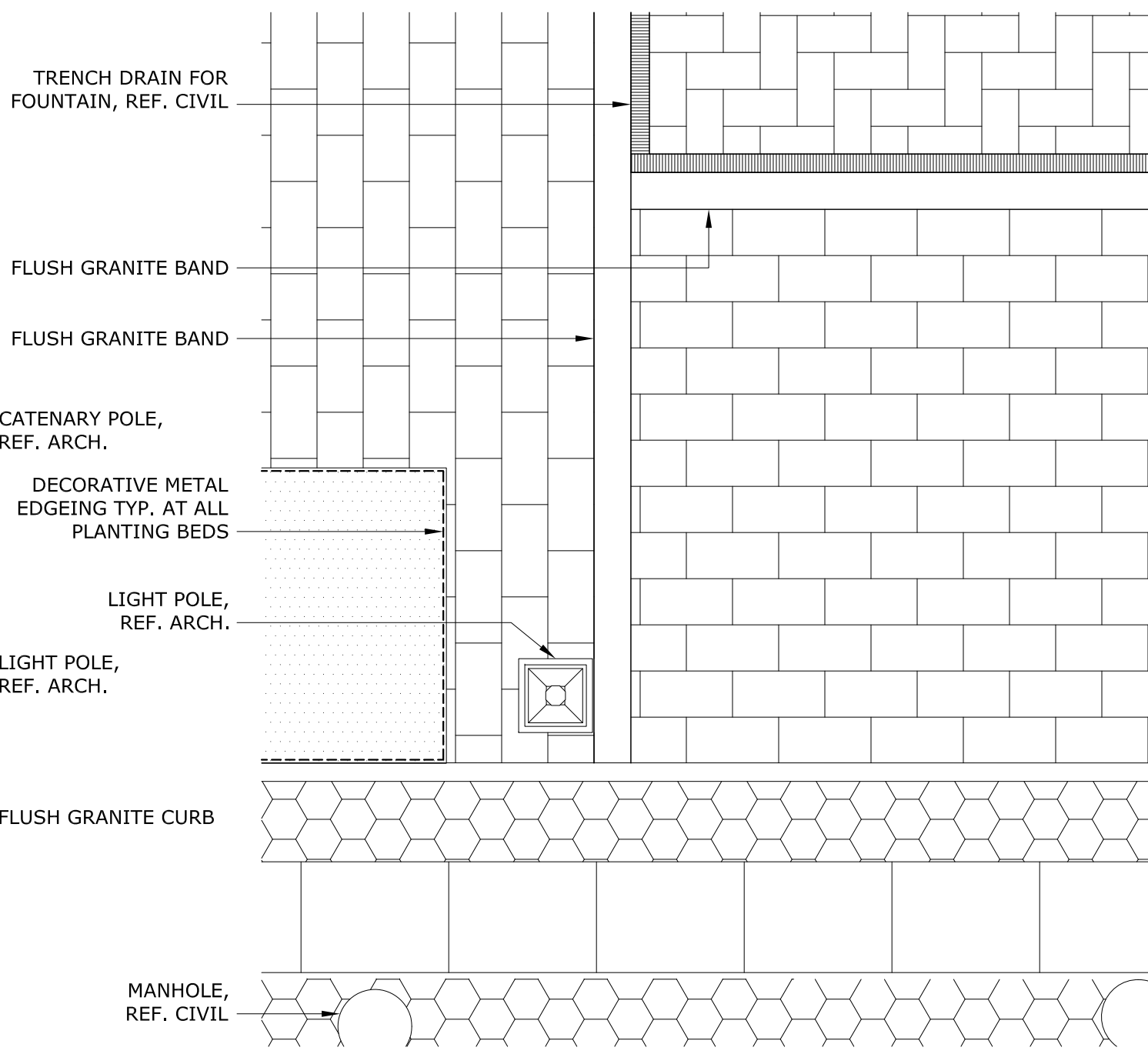
03 PAVING PLAN
SCALE: 1/4"=1'-0"



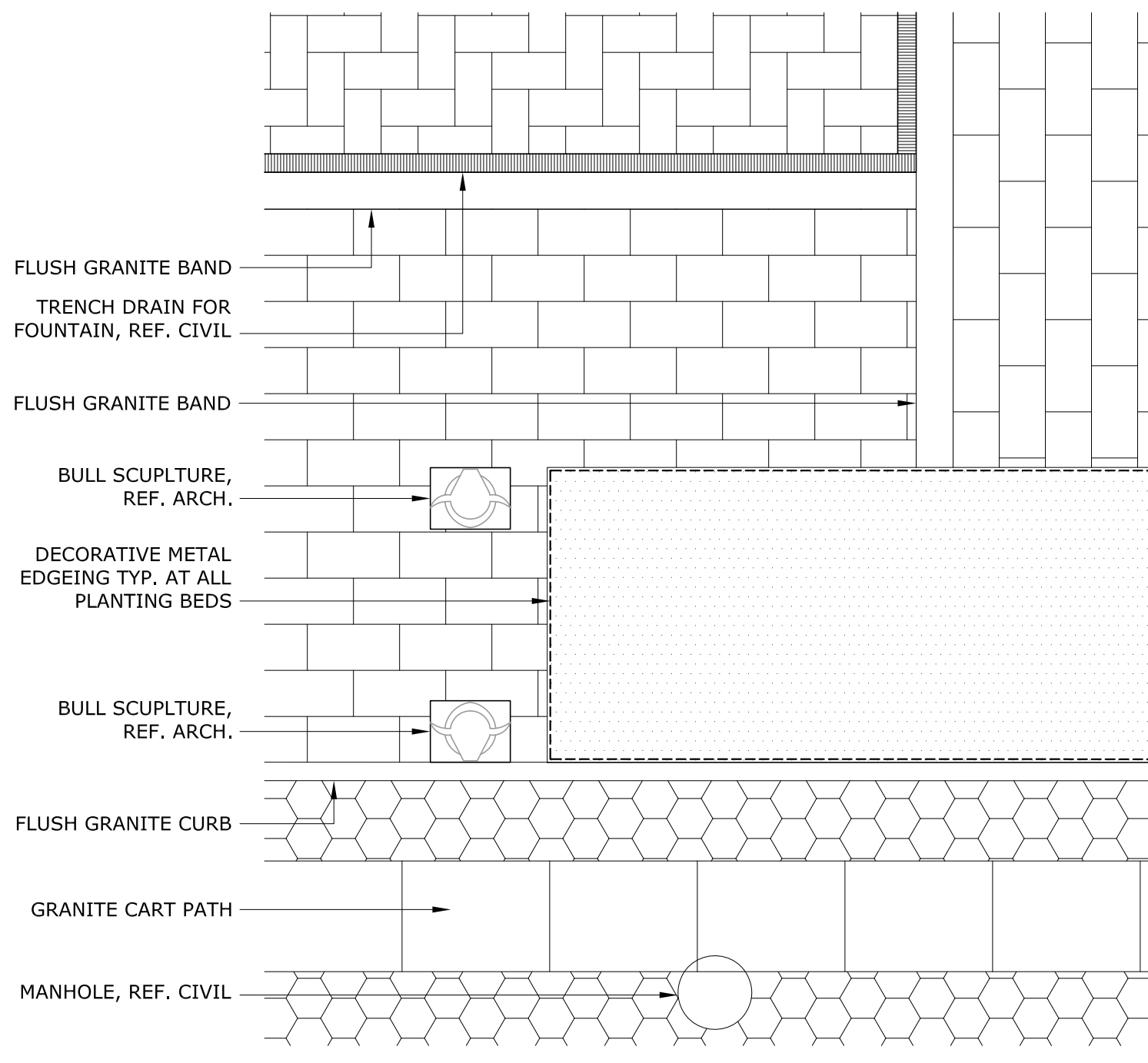
04 PAVING PLAN
SCALE: 1/4"=1'-0"



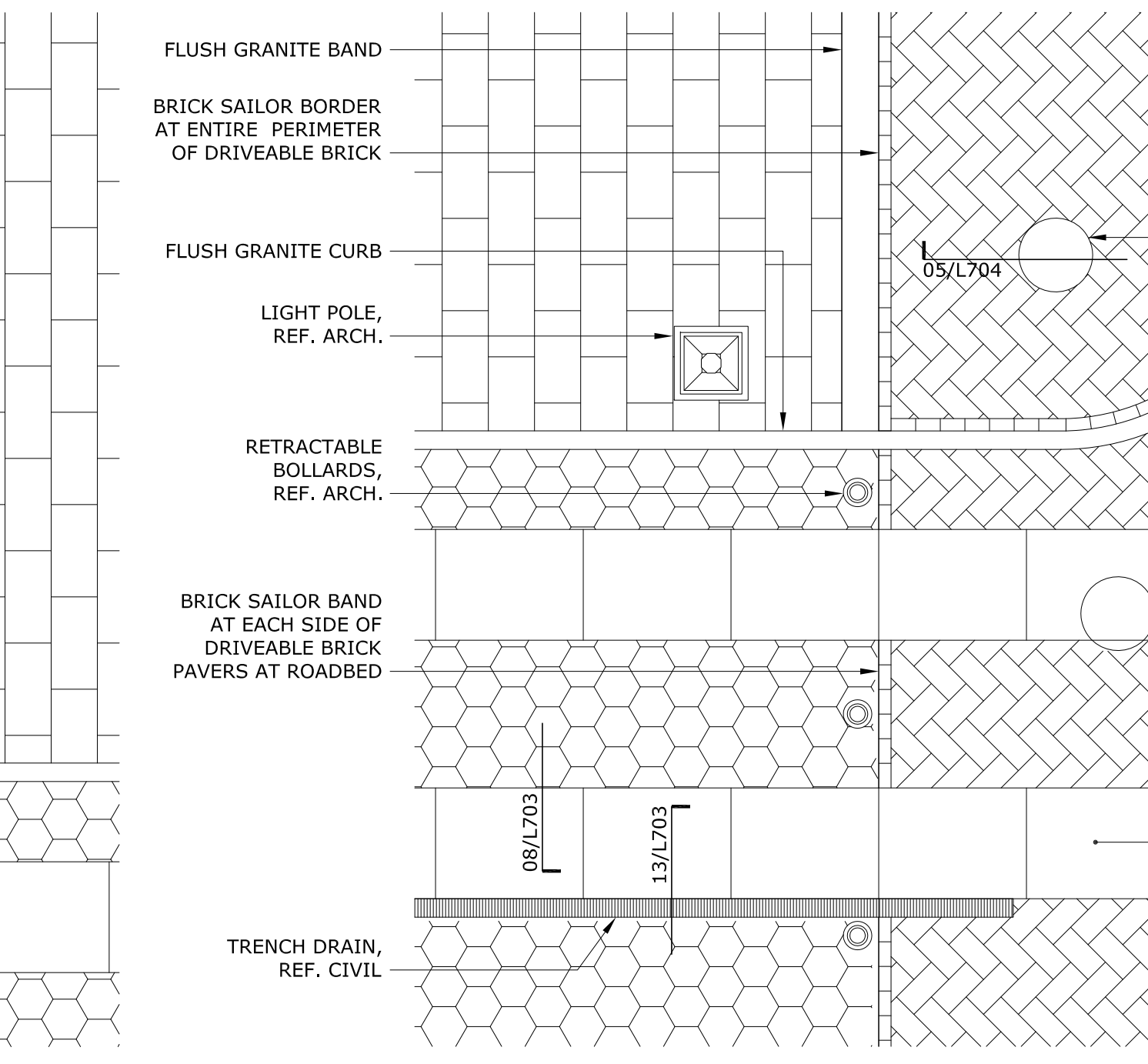
05 PAVING PLAN
SCALE: 1/4"=1'-0"



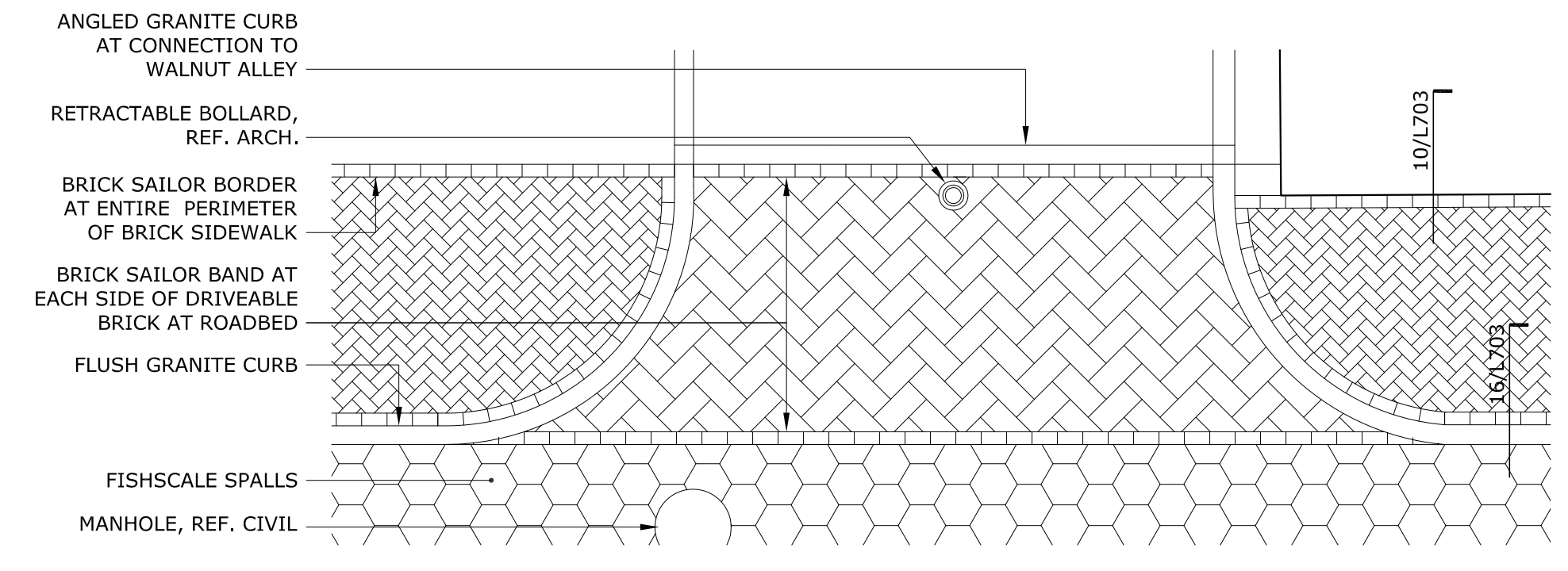
06 PAVING PLAN
SCALE: 1/4"=1'-0"



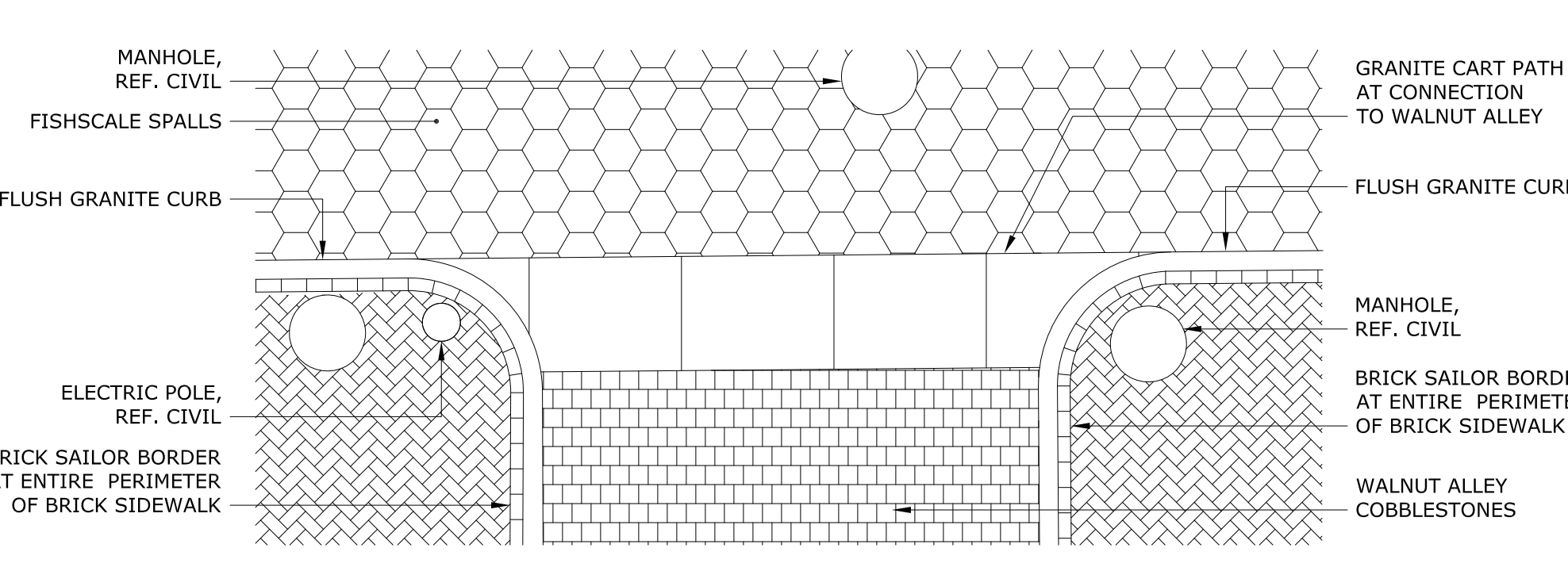
07 PAVING PLAN
SCALE: 1/4"=1'-0"



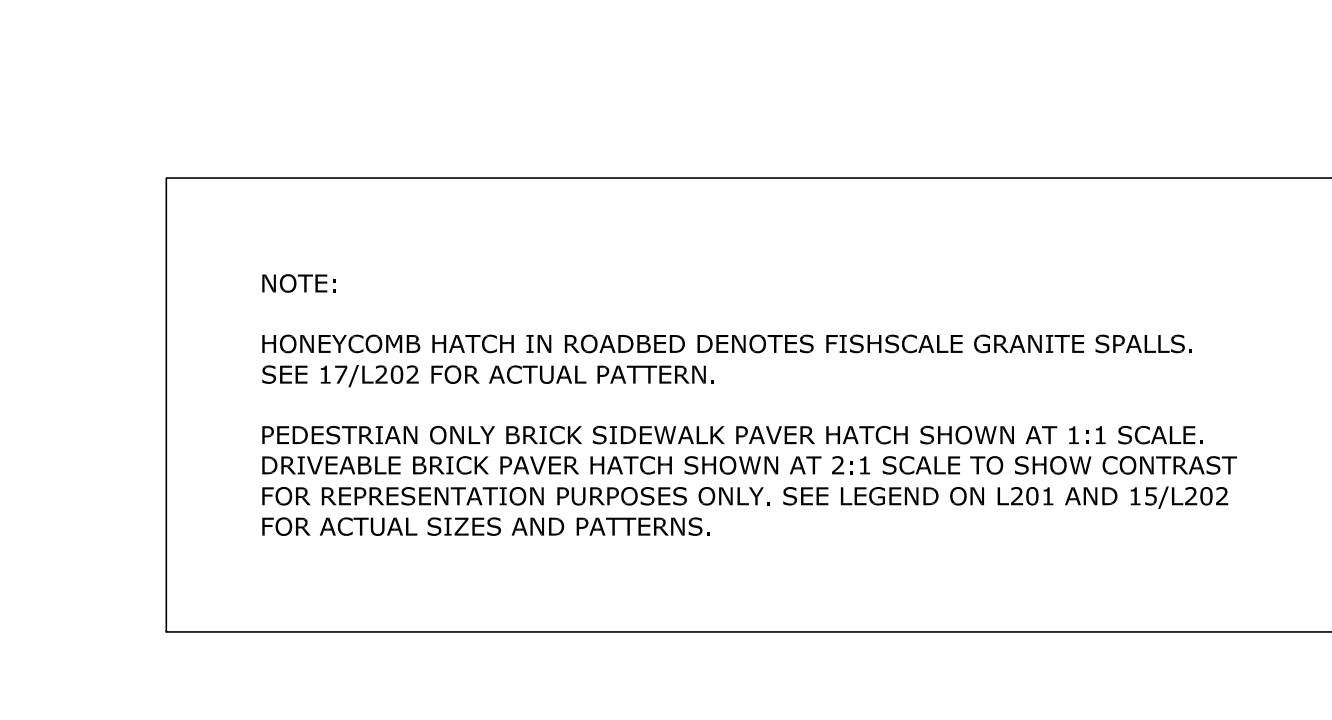
08 PAVING PLAN
SCALE: 1/4"=1'-0"



09 PAVING PLAN
SCALE: 1/4"=1'-0"

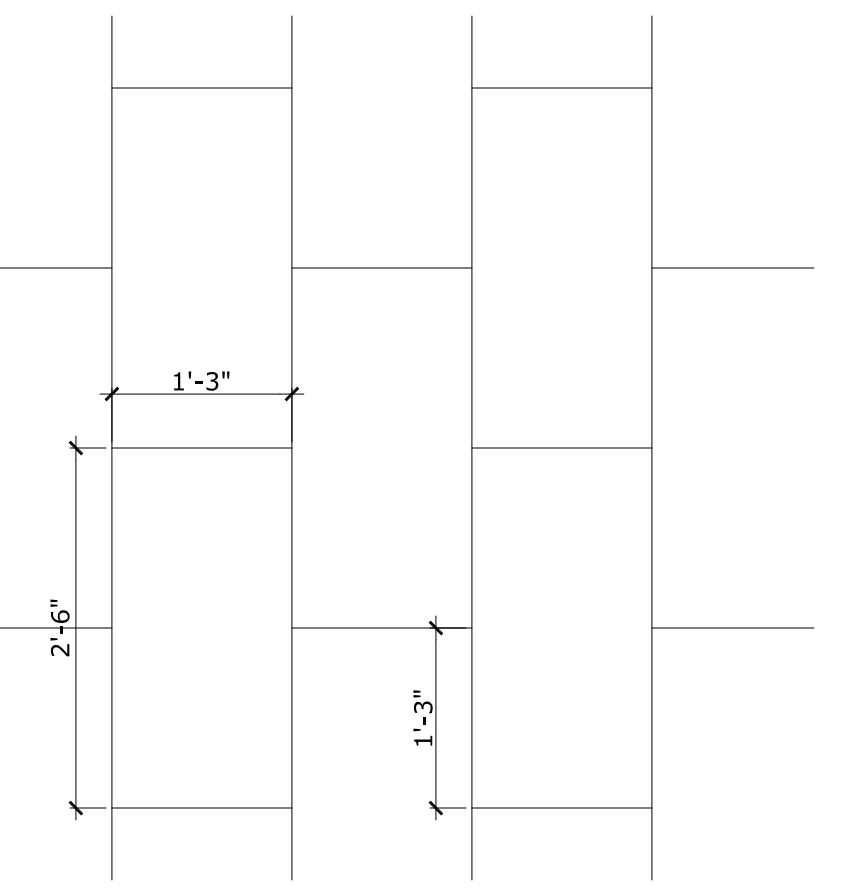


10 PAVING PLAN
SCALE: 1/4"=1'-0"

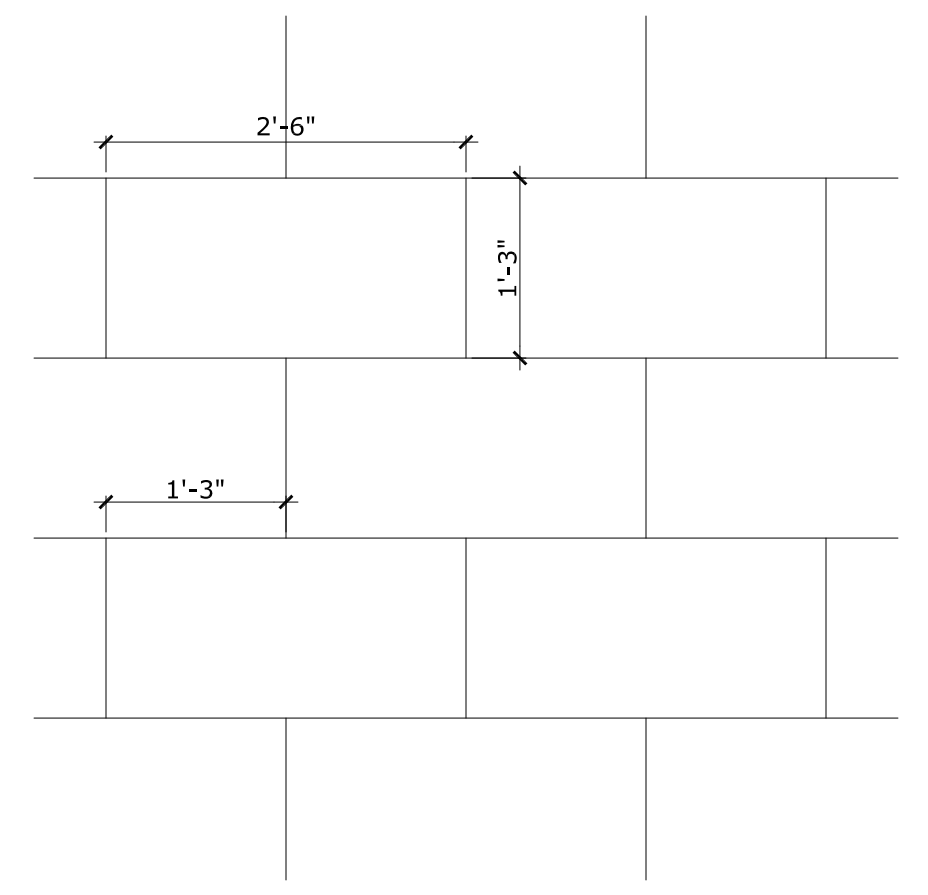


NOTE:
HONEYCOMB HATCH IN ROADBED DENOTES FISHSCALE GRANITE SPALLS. SEE 17/L202 FOR ACTUAL PATTERN.
PEDESTRIAN ONLY BRICK SIDEWALK PAVER HATCH SHOWN AT 1:1 SCALE. DRIVEABLE BRICK PAVER HATCH SHOWN AT 2:1 SCALE TO SHOW CONTRAST FOR REPRESENTATION PURPOSES ONLY. SEE LEGEND ON L201 AND 15/L202 FOR ACTUAL SIZES AND PATTERNS.

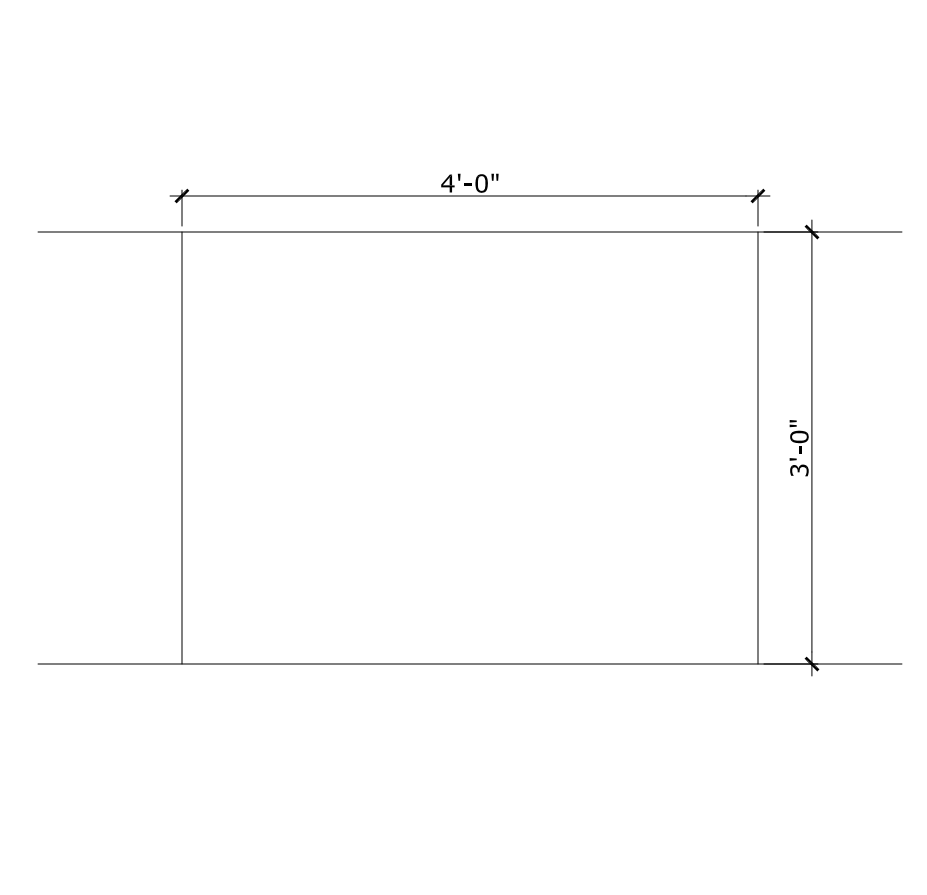
NOTE:
PATTERN TO MATCH EXISTING FISHSCALE SPALL PATTERN FOUND AT SHOCKOE SLIP. PHOTOS ARE FOR REFERENCE ONLY. CONTRACTOR TO VERIFY LAYOUT AND DIMENSIONS AND PROVIDE MOCKUP FOR APPROVAL.



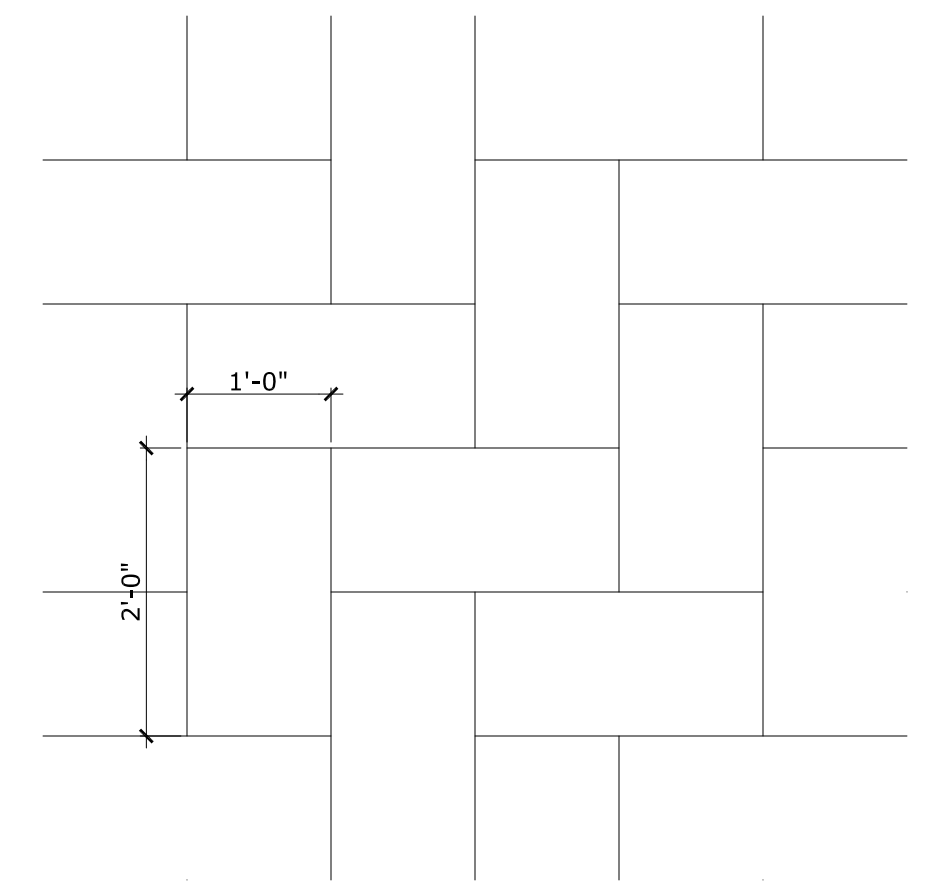
11 PAVER TYPE A1 - PATTERN
SCALE: 3/4"=1'-0"



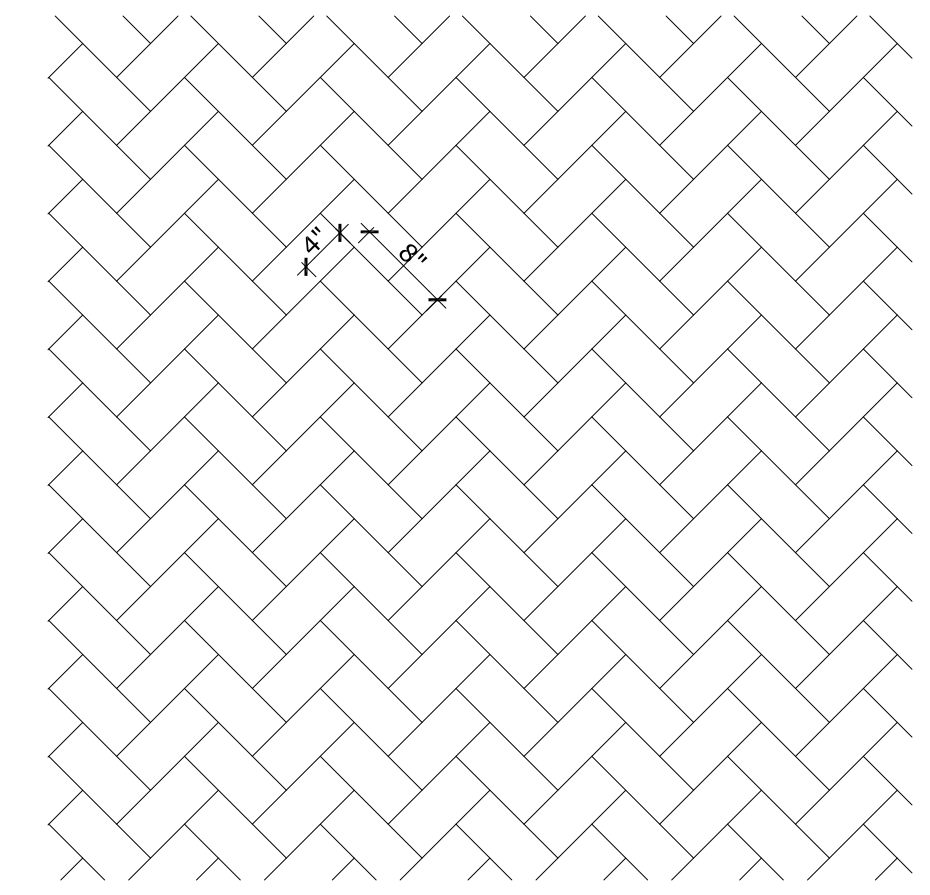
12 PAVER TYPE A2 - PATTERN
SCALE: 3/4"=1'-0"



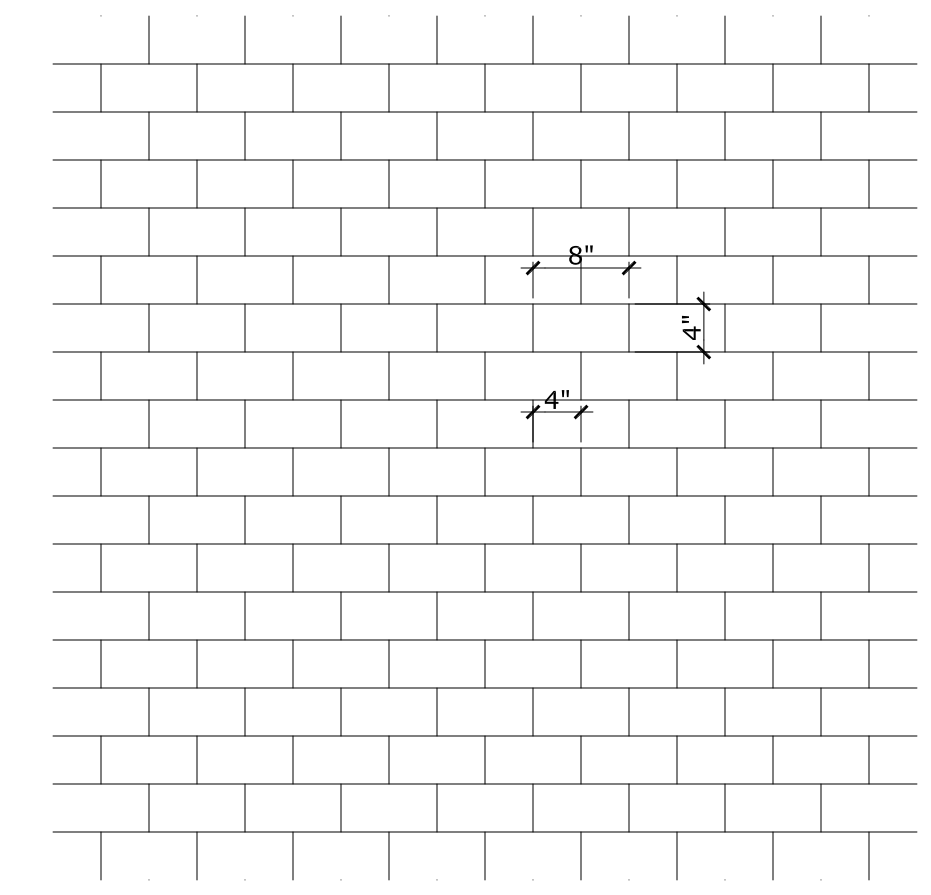
13 GRANITE TYPE B - PATTERN
SCALE: 3/4"=1'-0"



14 GRANITE TYPE C - PATTERN
SCALE: 3/4"=1'-0"



15 BRICK PAVER - PATTERN
SCALE: 3/4"=1'-0"

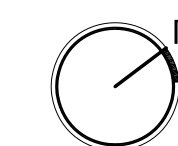
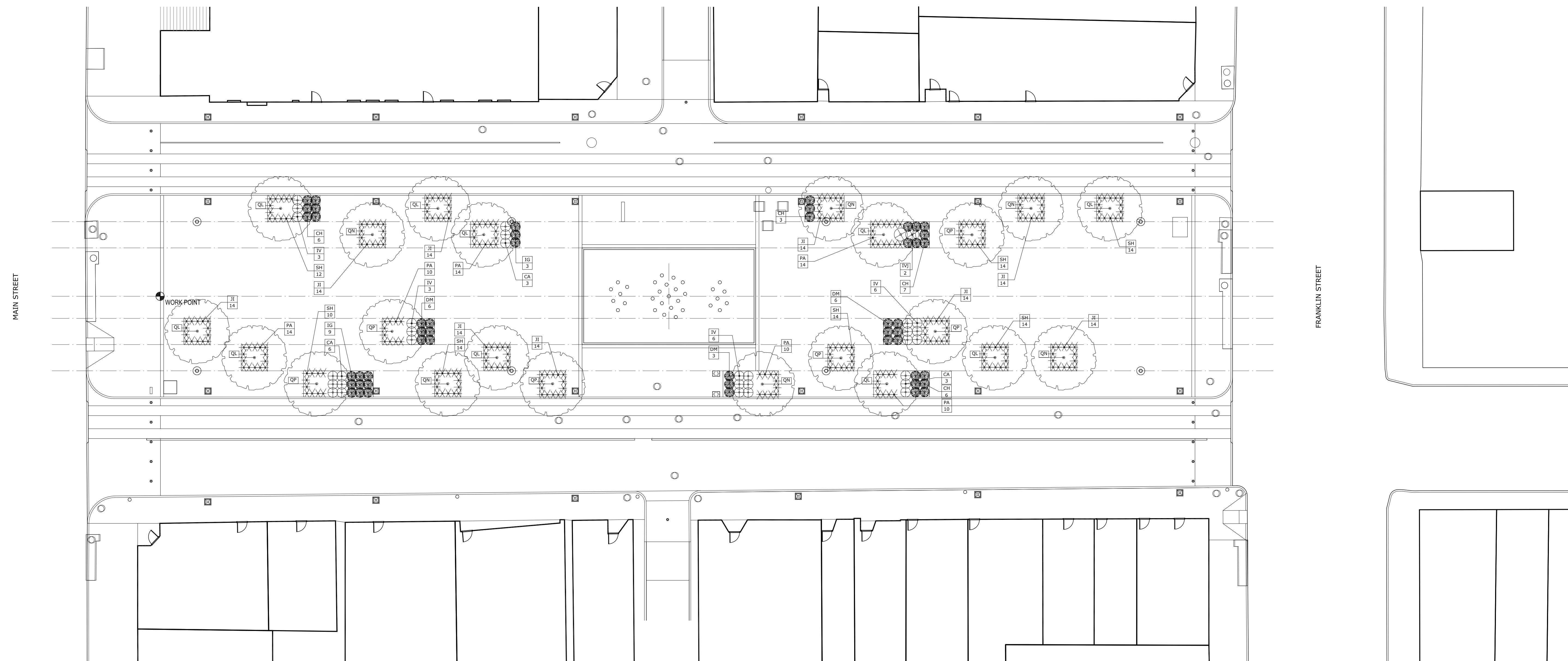


16 WALNUT ALLEY - PATTERN
SCALE: 3/4"=1'-0"

17 FISHSCALE SPALL - PATTERN
SCALE: NTS

PLANTING SCHEDULE					
KEY	BOTANICAL NAME	COMMON NAME	QTY	SIZE	NOTES
TREES					
QP	QUERCUS PHELLOS 'ASCENDOR'	ASCENDOR WILLOW OAK	6	6" CAL MIN	B+B, AVAILABLE FROM SELECT TREES
QN	QUERCUS NUTTALLI 'SANGRIA'	SANGRIA NUTTALL OAK	6	6" CAL MIN	B+B, AVAILABLE FROM SELECT TREES
QL	QUERCUS LYRATA 'HIGHBEAM'	HIGHBEAM OVERCUP OAK	10	6" CAL MIN	B+B, AVAILABLE FROM SELECT TREES
SHRUBS					
CH	CEPHALOTAXUS HARRINGTONIA FRITZ HUBER'	PLUM YEW	22	3 GAL. MIN	PLANT 36" O.C.
DM	DISTYLUM MYRICOIDES 'BLUE CASCADE'	DISTYLUM BLUE CASCADE	15	3 GAL. MIN	PLANT 36" O.C.
IG	ILEX GLABRA 'SHAMROCK'	SHAMROCK HOLLY	12	3 GAL. MIN	PLANT 36" O.C.
IV	ILEX VERTICILLATA 'RED SPRITE'	RED SPRITE DECIDUOUS HOLLY	18	3 GAL. MIN	PLANT 36" O.C.
IVJ	ILEX VERTICILLATA 'JIM DANDY'	JIM DANDY DECIDUOUS HOLLY	2	3 GAL. MIN	PLANT 48" O.C.
CA	CLETHRA ALNIFOLIA 'SIXTEEN CANDLES'	SUMMERSWEET	12	3 GAL. MIN	PLANT 36" O.C.
GROUND COVERS / PERENNIALS					
PA	PENNISETUM ALOPECUROIDES 'PIGLET'	DWARF FOUNTAIN GRASS	72	1 GAL. MIN	PLANT 18" O.C.
JJ	JUNCUS INFLEXIS 'BLUE ARROW'	BOG RUSH	126	1 GAL. MIN	PLANT 18" O.C.
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	92	1 GAL. MIN	PLANT 18" O.C.

GENERAL NOTES: MULCH ALL BEDS WITH A FLAT 2" LAYER OF SHREDDED HARDWOOD MULCH.
NO SUBSTITUTIONS SHALL BE MADE WITHOUT APPROVAL OF LANDSCAPE ARCHITECT.
LANDSCAPE ARCHITECT MUST APPROVE LAYOUT OF ALL AREAS BEFORE PLANTING.



01 PLANTING PLAN
SCALE: 1/16"=1'-0"



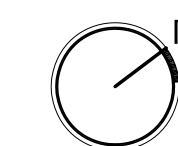
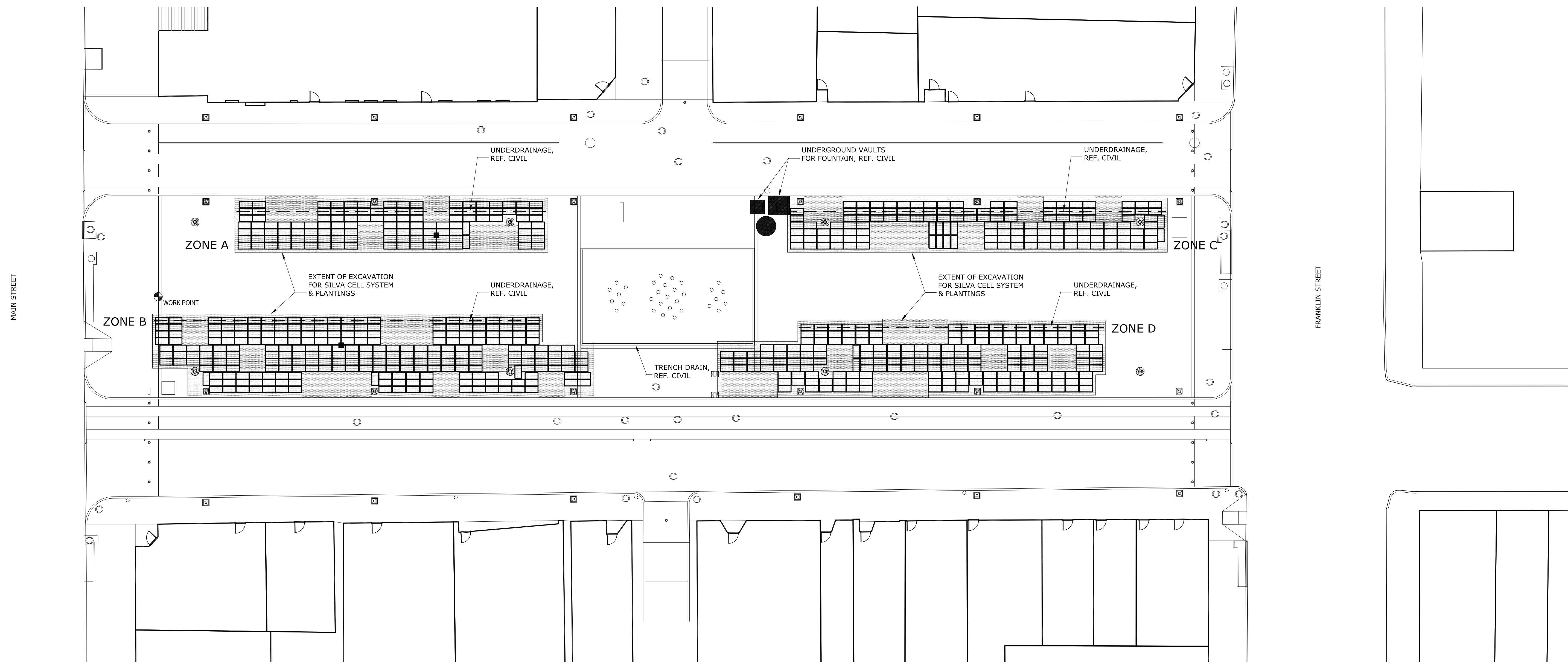
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DRAWING TITLE
PLANTING PLAN

DRAWING NO.
L301

SILVA CELL SCHEDULE			
ZONE	SILVA CELL QTY	SOIL VOLUME IN SILVA CELL SYSTEM	TREE QTY
A	119 @ 3x	3570	4
B	255 @ 3x	7650	7
C	143 @ 3x	4290	5
D	191 @ 3x	5730	6



01 SILVA CELL PLAN
SCALE: 1/16"=1'-0"

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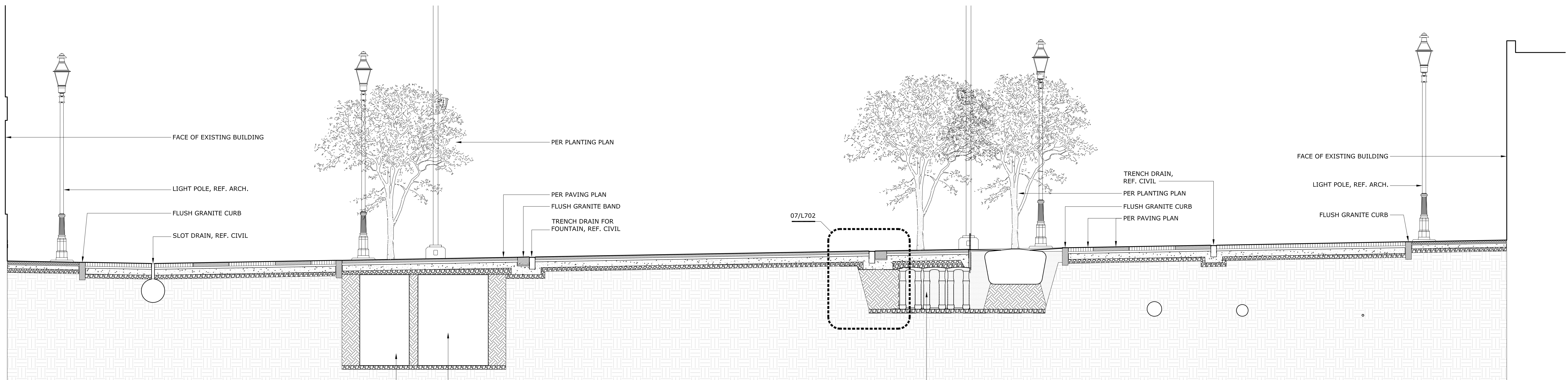


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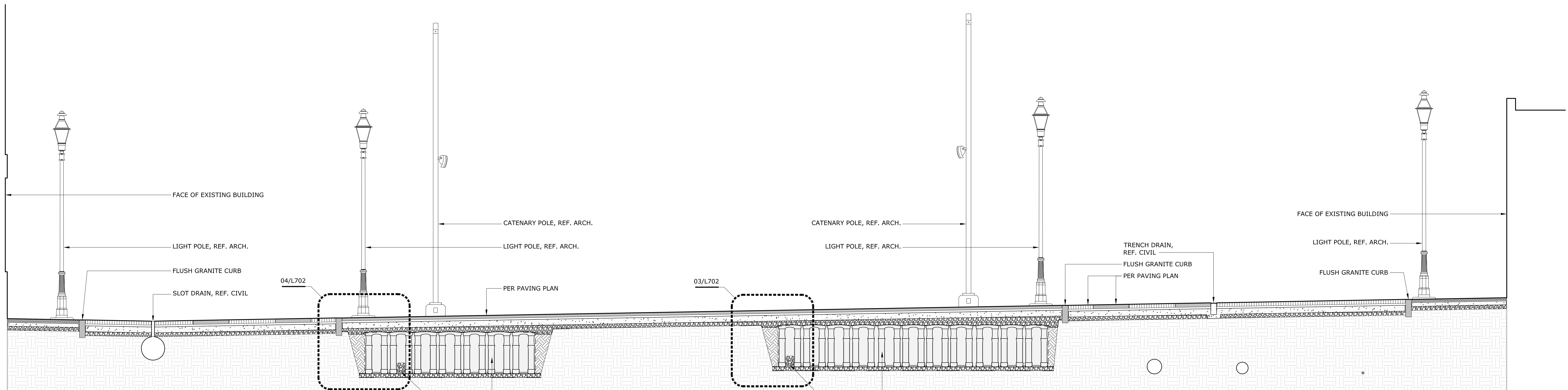
ISSUE
04.04.16
100% CONSTRUCTION DOCUMENTS

DRAWING TITLE
SILVA CELL PLAN

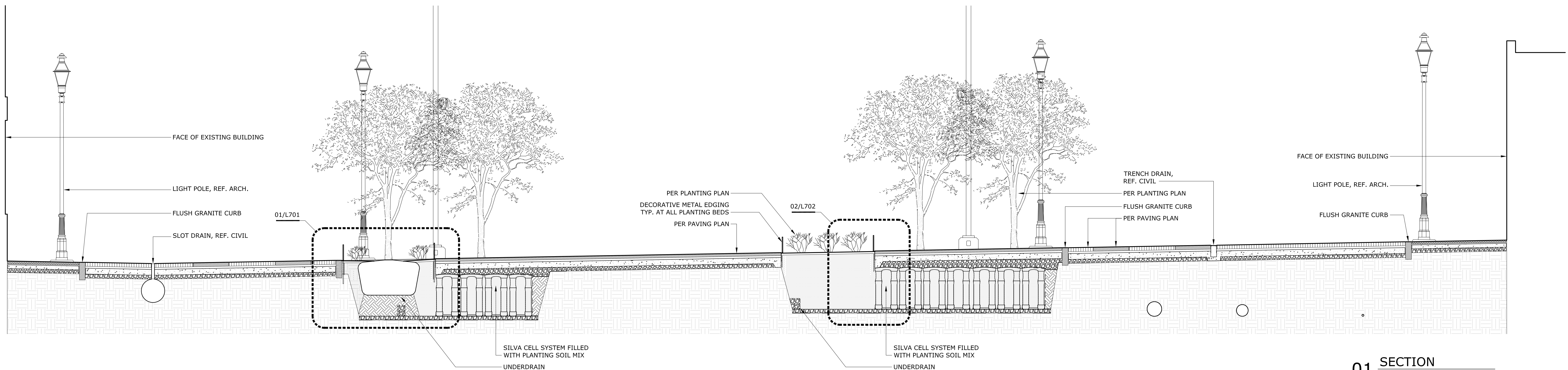
DRAWING NO.
L401



03 SECTION
SCALE: 1/4" = 1'-0"



02 SECTION
SCALE: 1/4" = 1'-0"



01 SECTION
SCALE: 1/4" = 1'-0"

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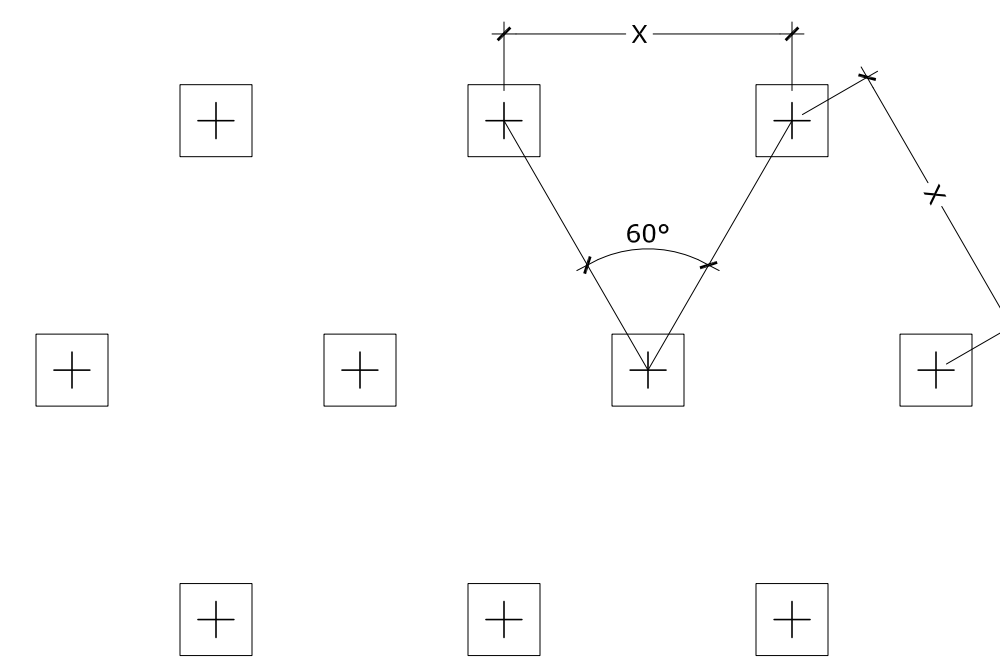


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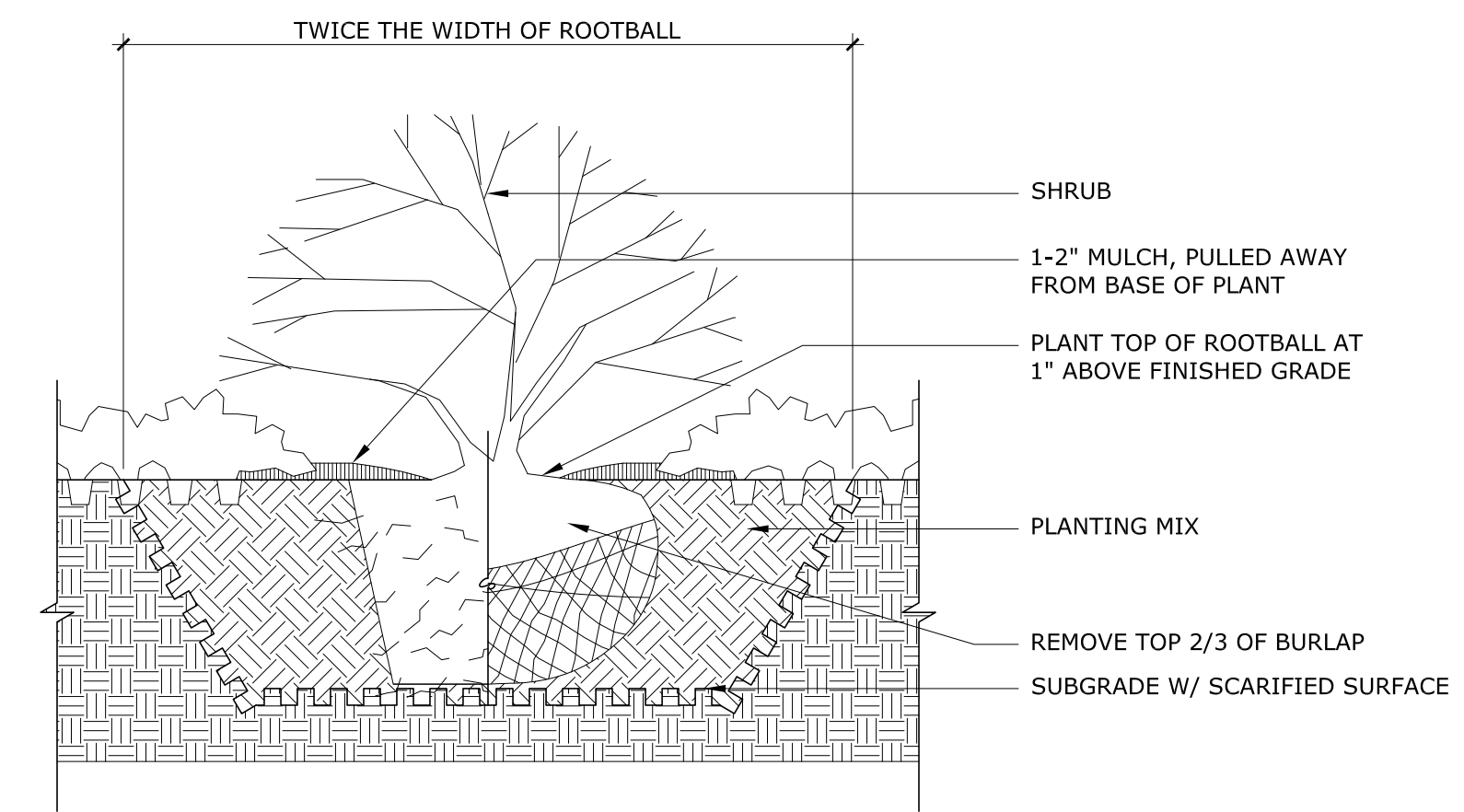
DRAWING TITLE
SITE SECTIONS

DRAWING NO.
L601

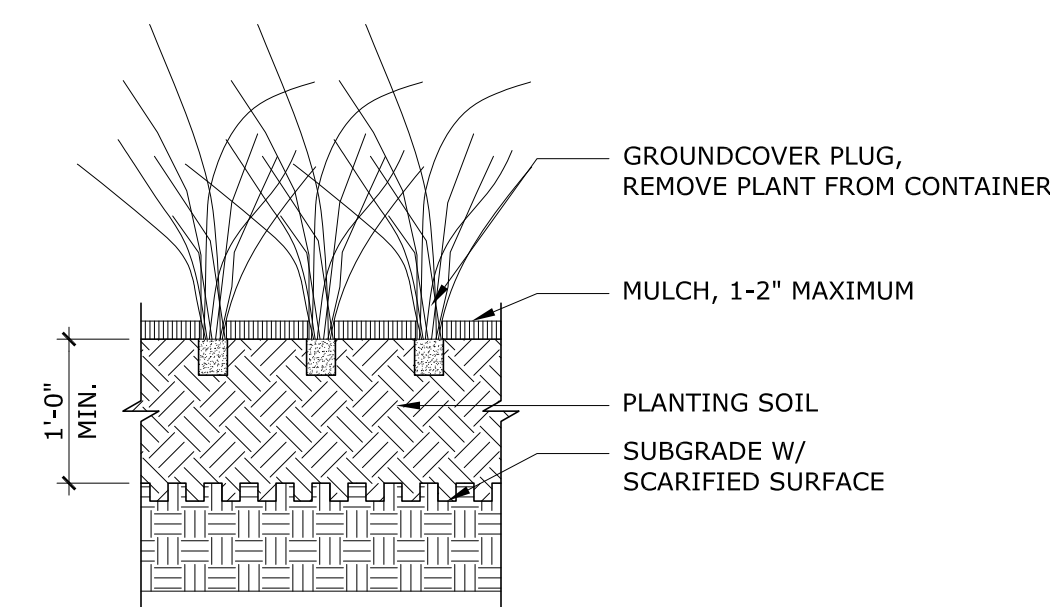


NOTE: SEE PLANTING SCHEDULE FOR SPACING DIM. "X"

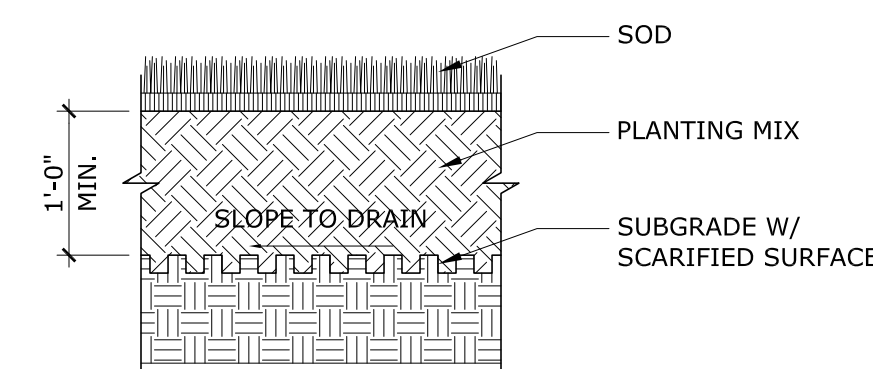
05 GROUNDCOVER SPACING DIAGRAM
1/2" = 1'-0"



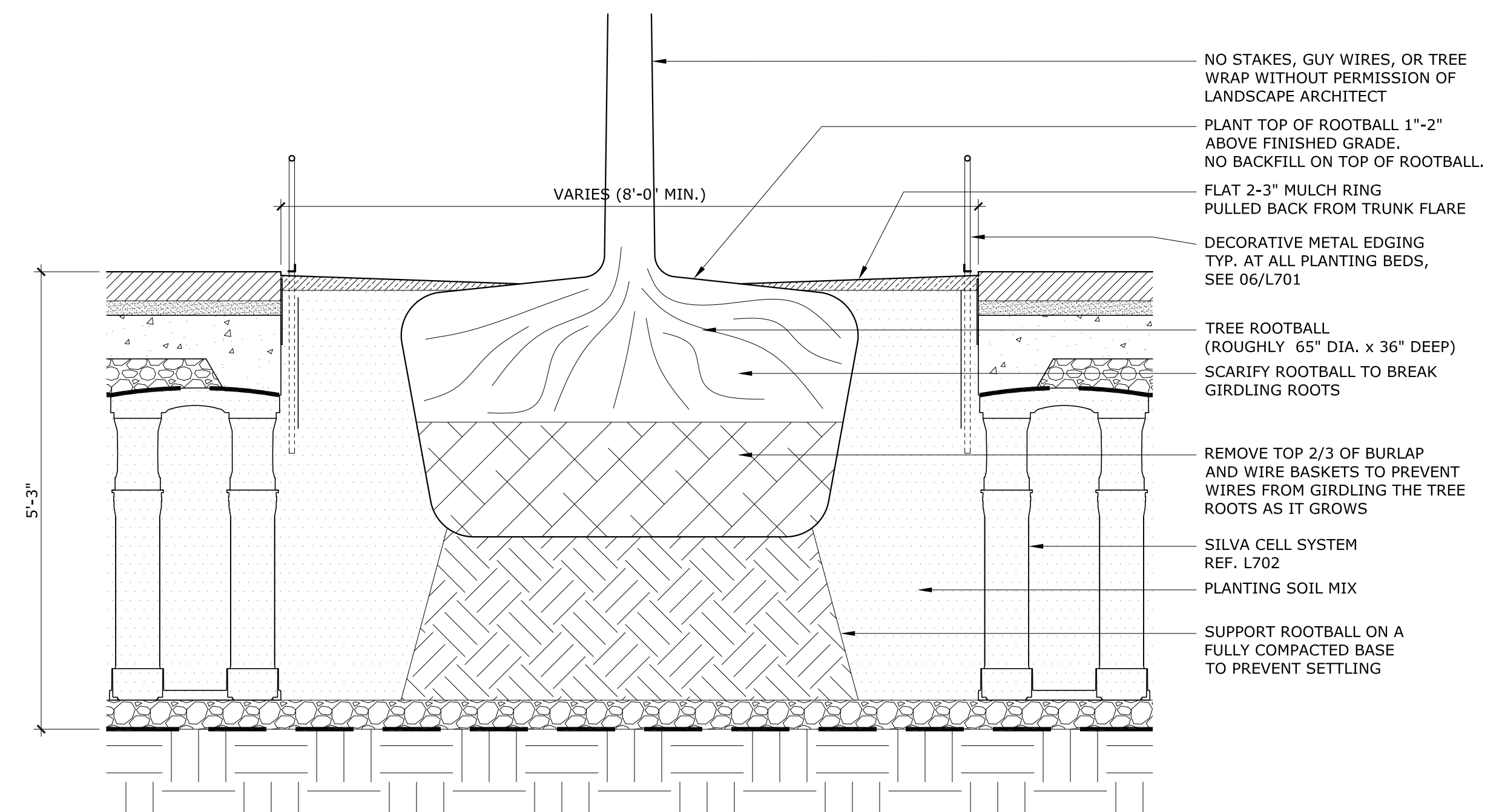
02 TYPICAL SHRUB PLANTING DETAIL
3/4" = 1'-0"



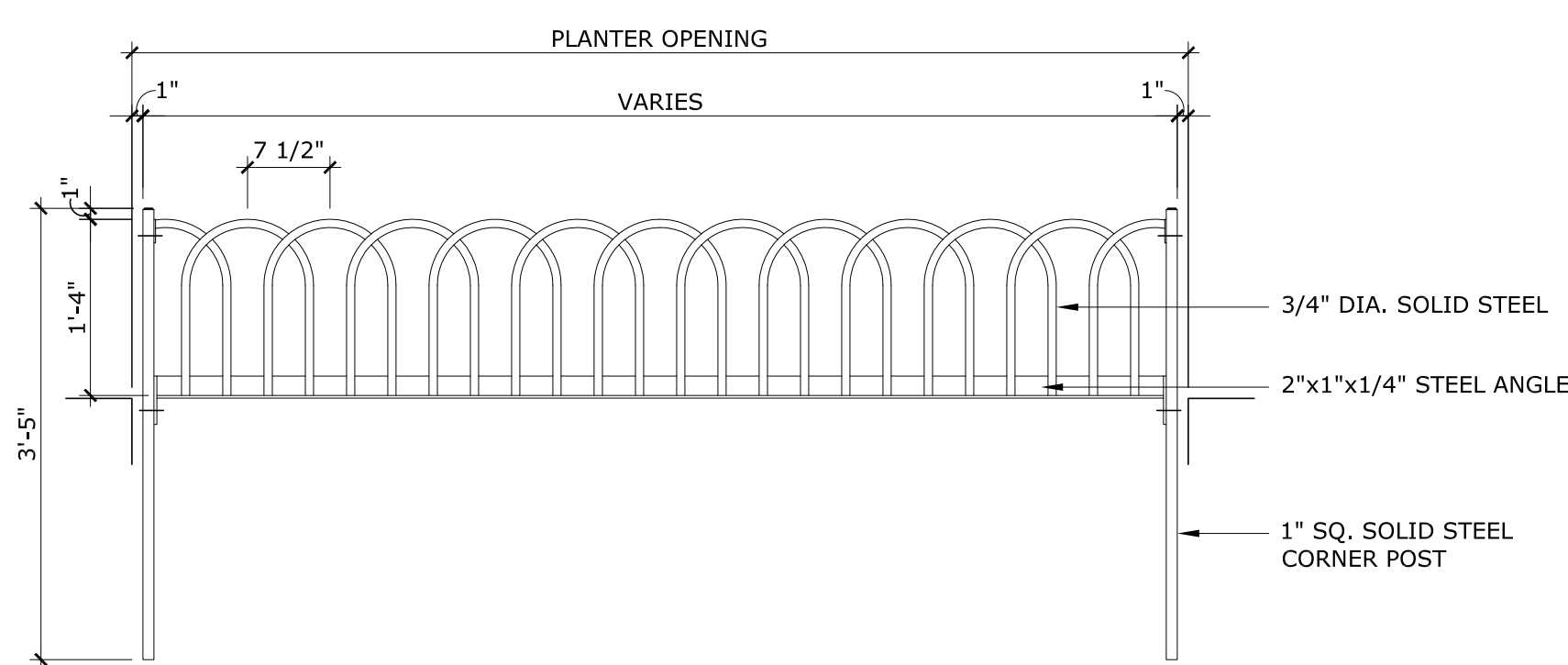
04 TYPICAL GROUNDCOVER DETAIL
3/4" = 1'-0"



03 TYPICAL SOD DETAIL
3/4" = 1'-0"



01 TREE PLANTING IN SILVA CELL AREA
1/2" = 1'-0"



06 DECORATIVE METAL PLANTER EDGING
3/4" = 1'-0"

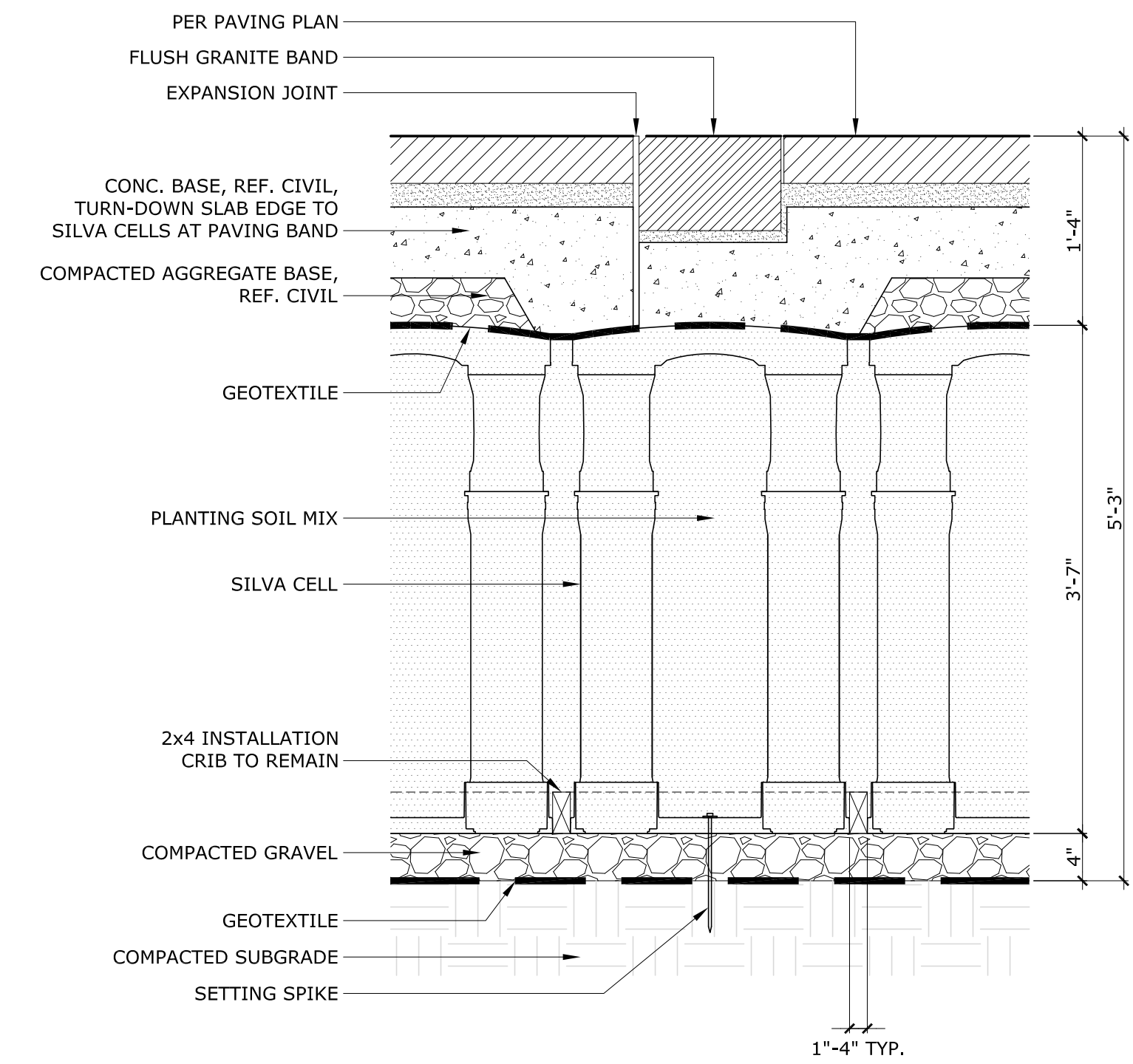


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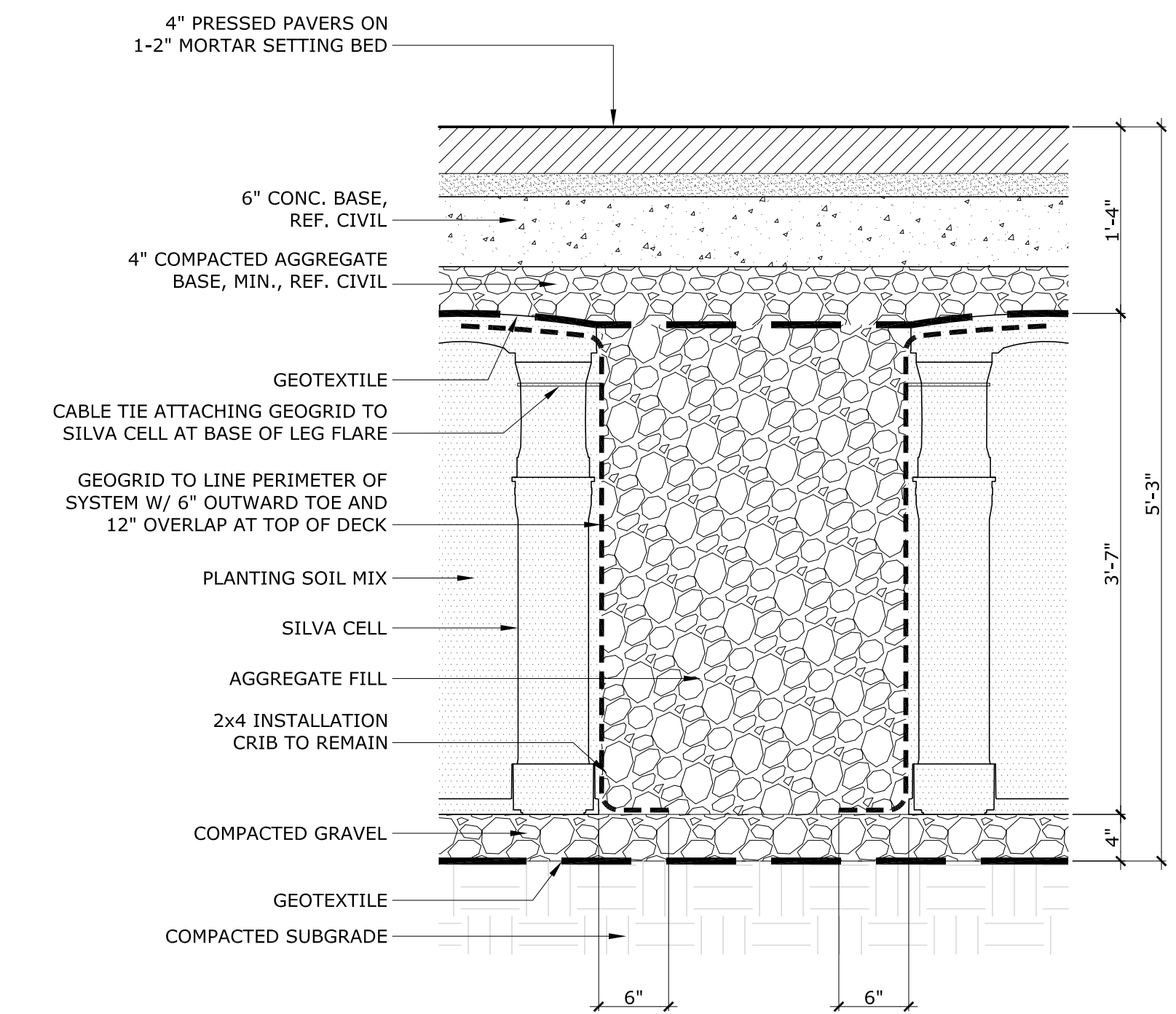
ISSUE
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100% CONSTRUCTION DOCUMENTS

DRAWING TITLE
PLANTING DETAILS

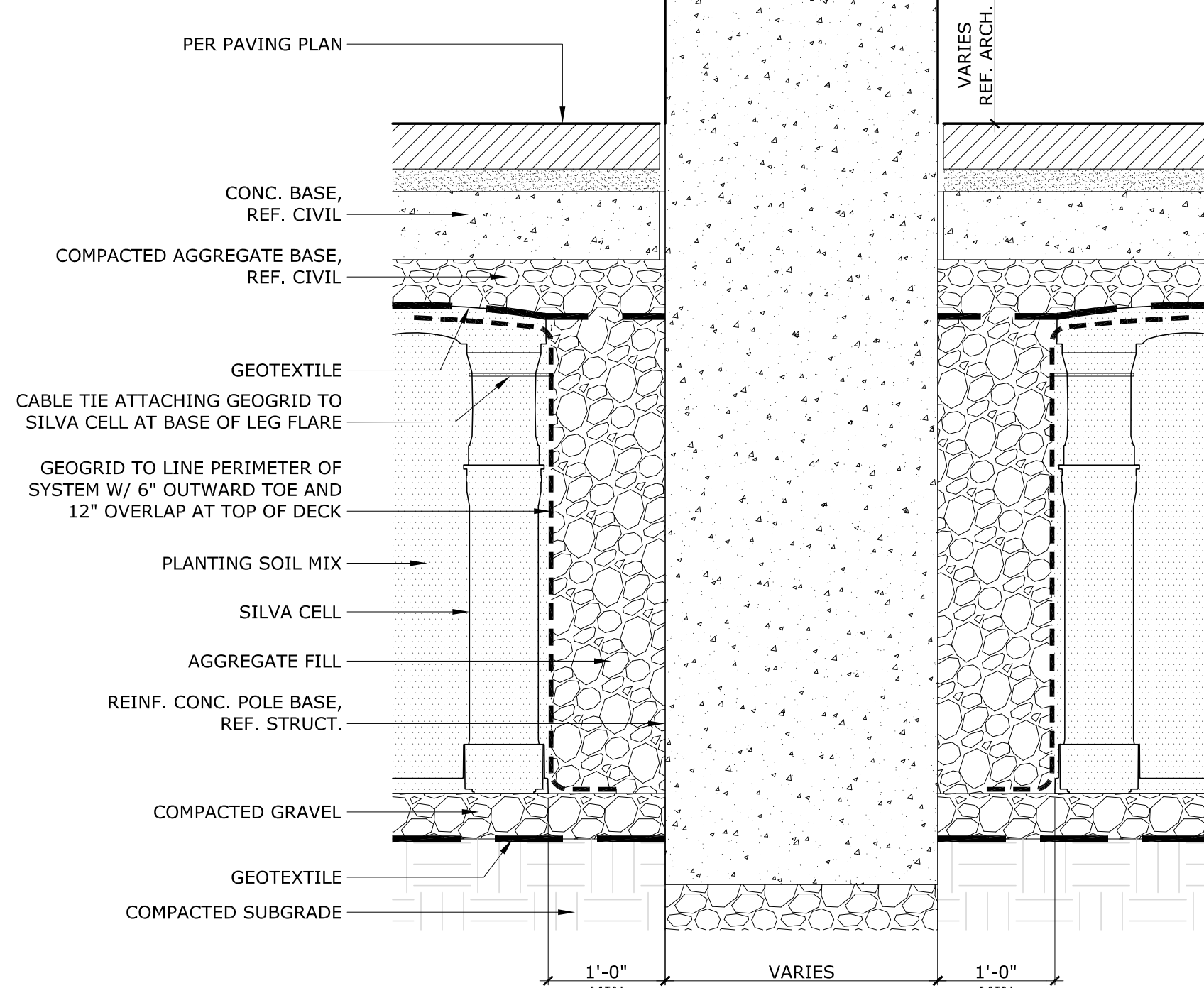
DRAWING NO.
L701



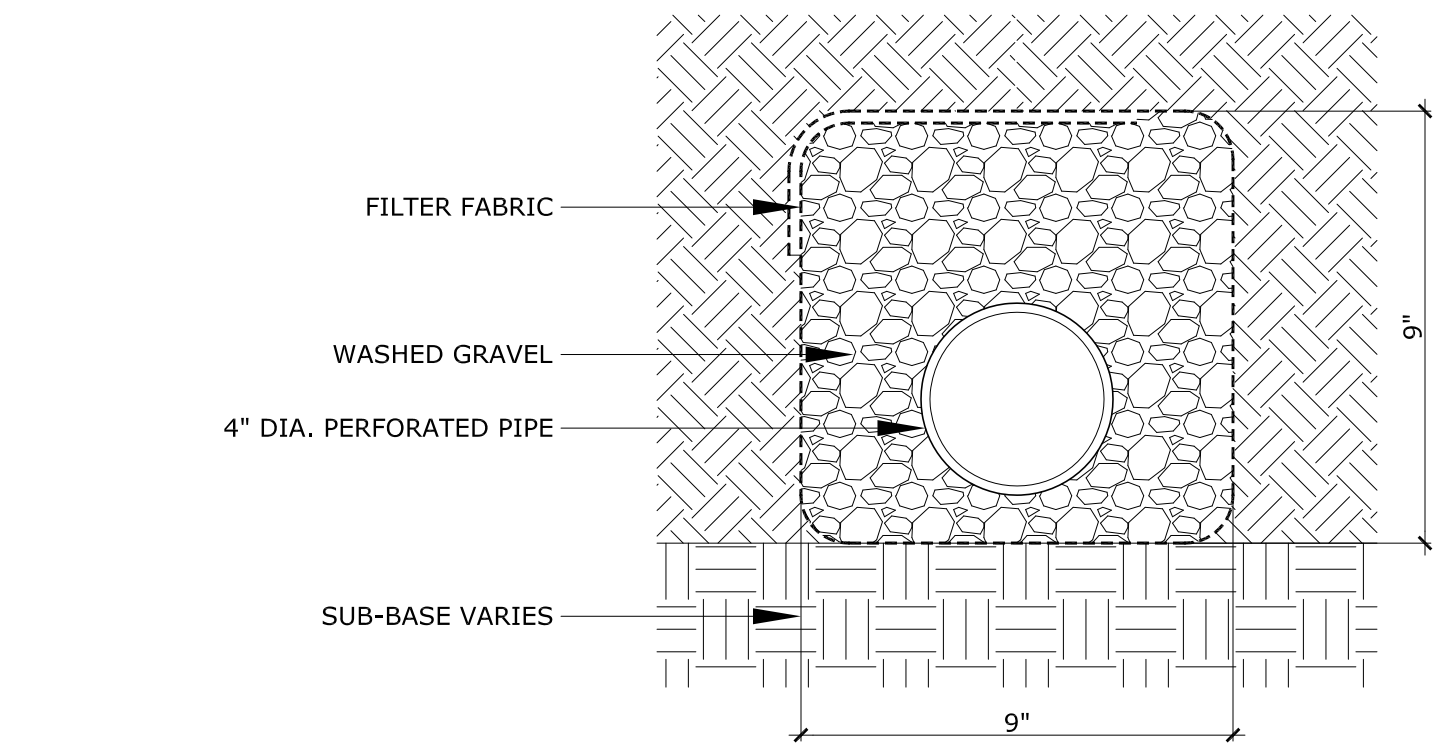
09 SILVA CELLS @ GRANITE BAND
SCALE: 1"=1'-0"



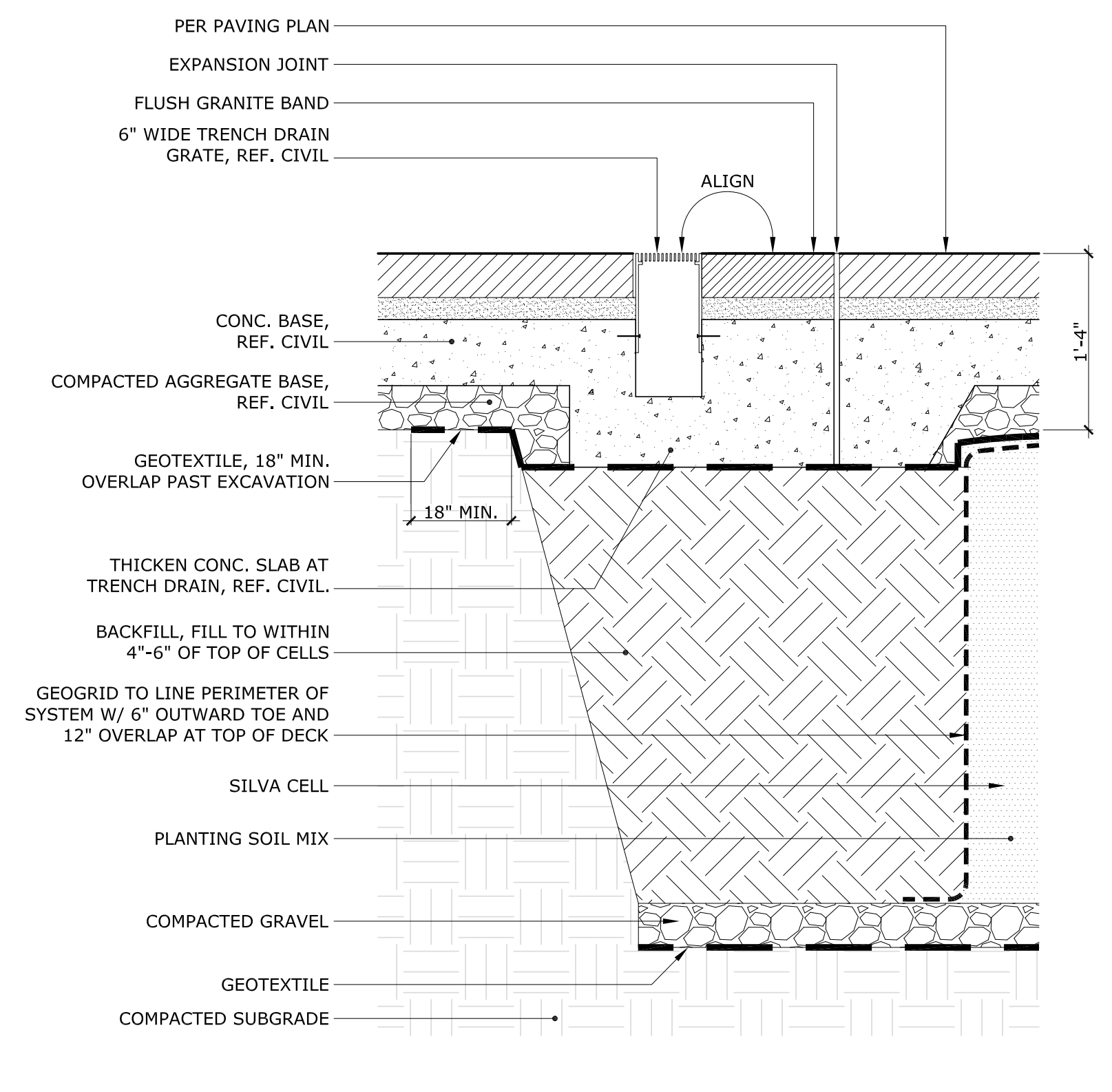
05 GAP BRIDGING AT SILVA CELLS
SCALE: 1"=1'-0"



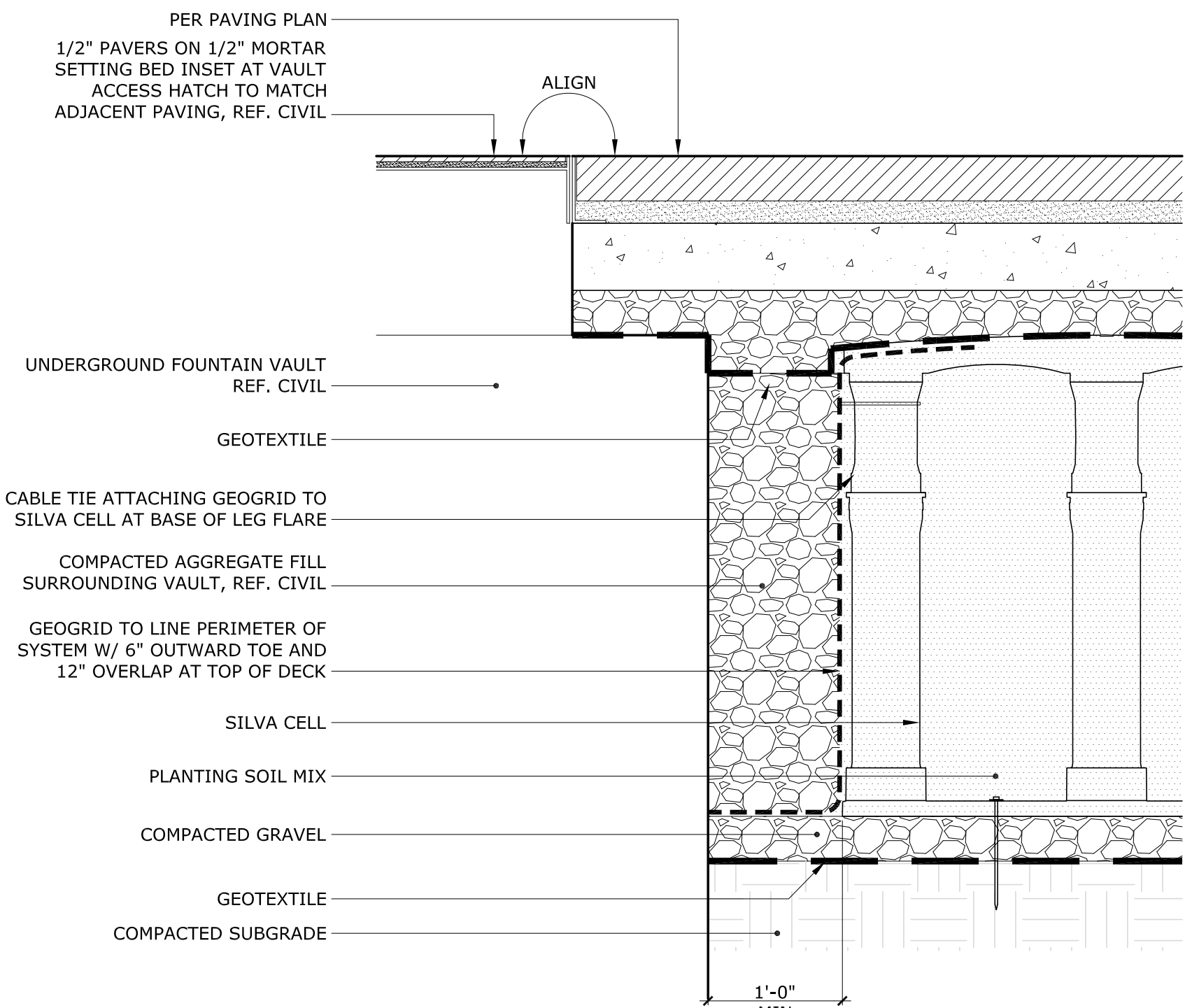
06 SILVA CELLS @ POLE BASE
SCALE: 1"=1'-0"



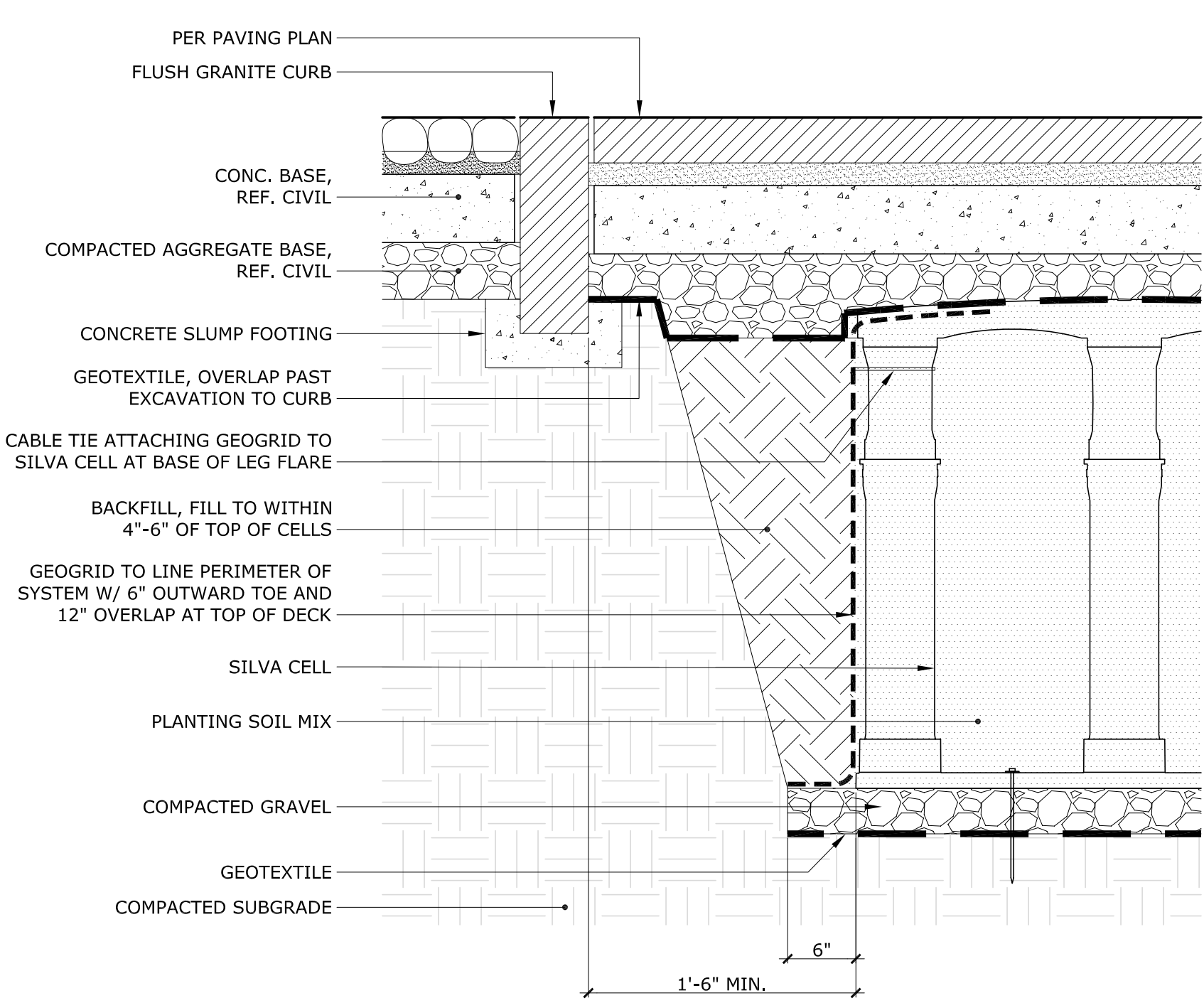
11 UNDERDRAIN
SCALE: 3"=1'-0"



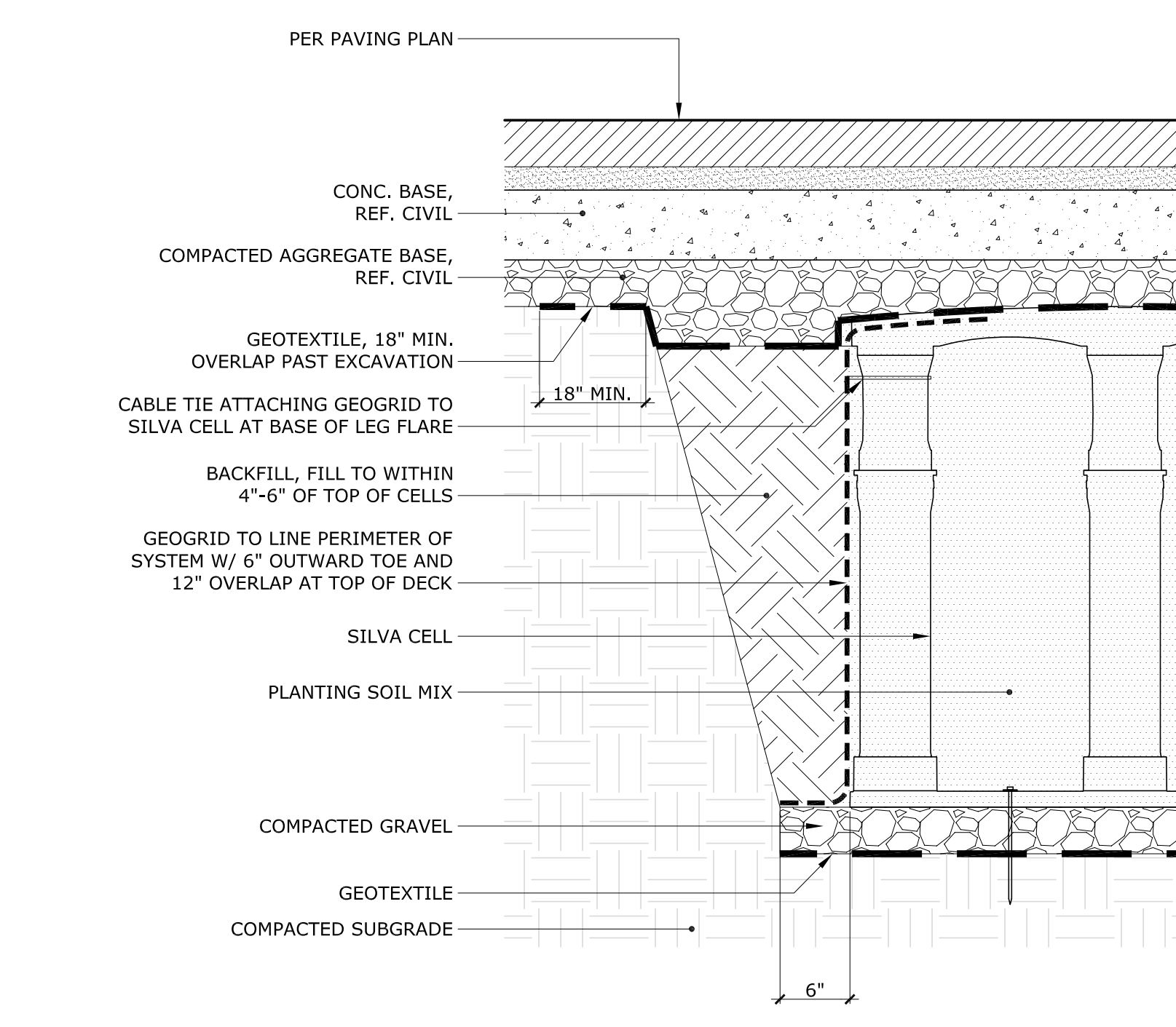
07 SILVA CELLS @ TRENCH DRAIN
SCALE: 1"=1'-0"



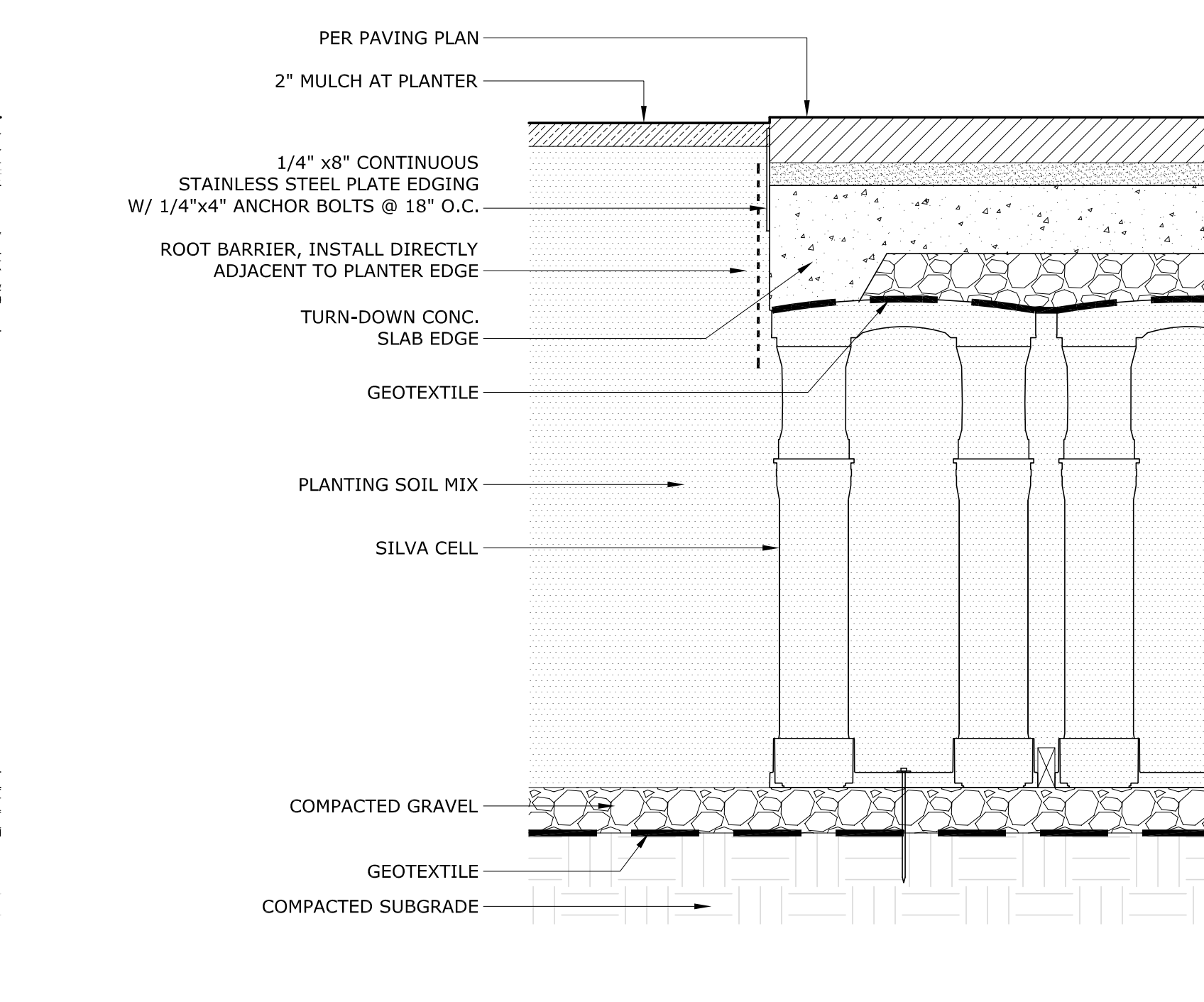
08 SILVA CELLS @ UNDERGROUND VAULT
SCALE: 1"=1'-0"



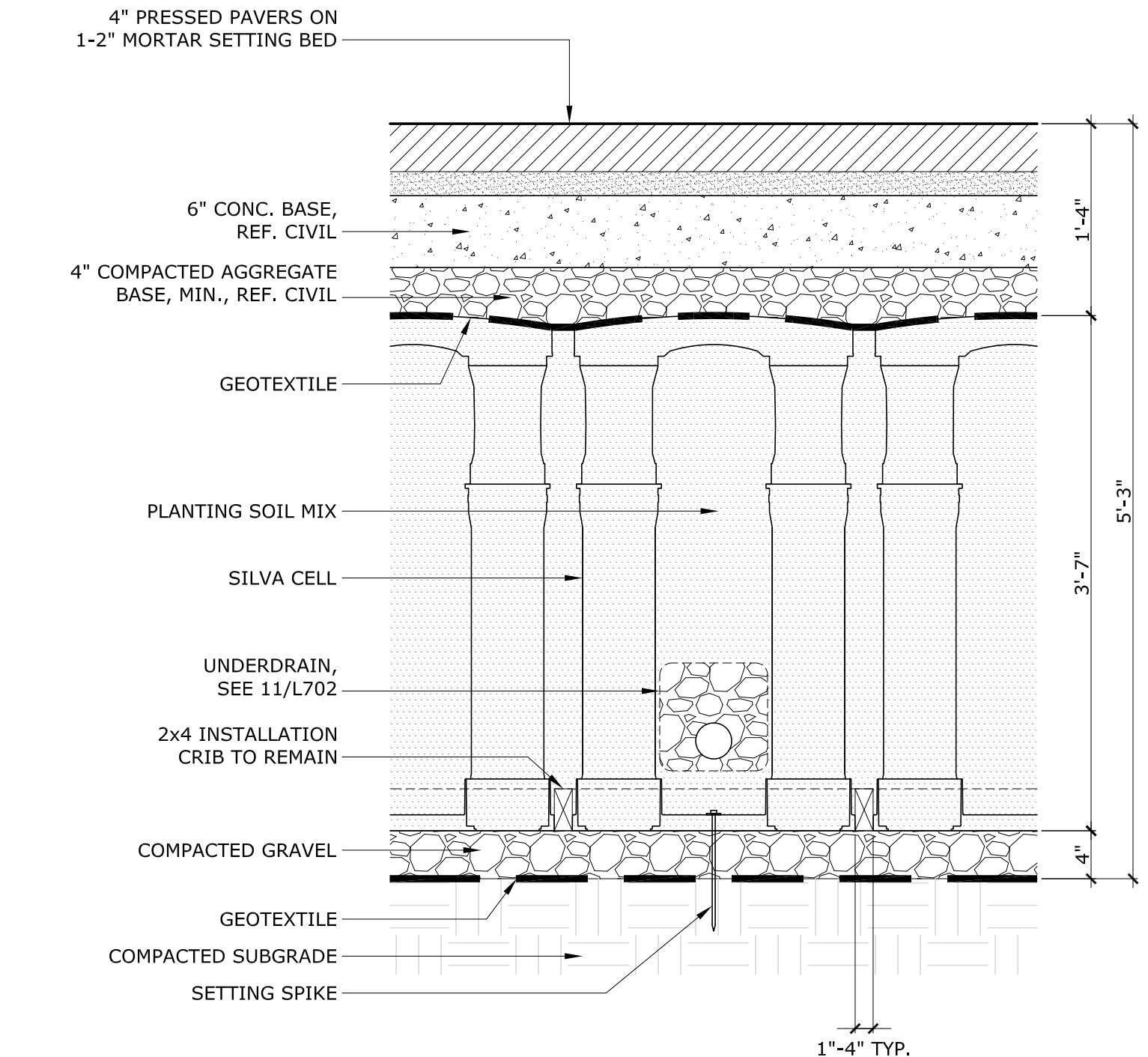
04 SILVA CELLS @ GRANITE CURB
SCALE: 1"=1'-0"



03 SILVA CELLS @ EXCAVATION EDGE
SCALE: 1"=1'-0"



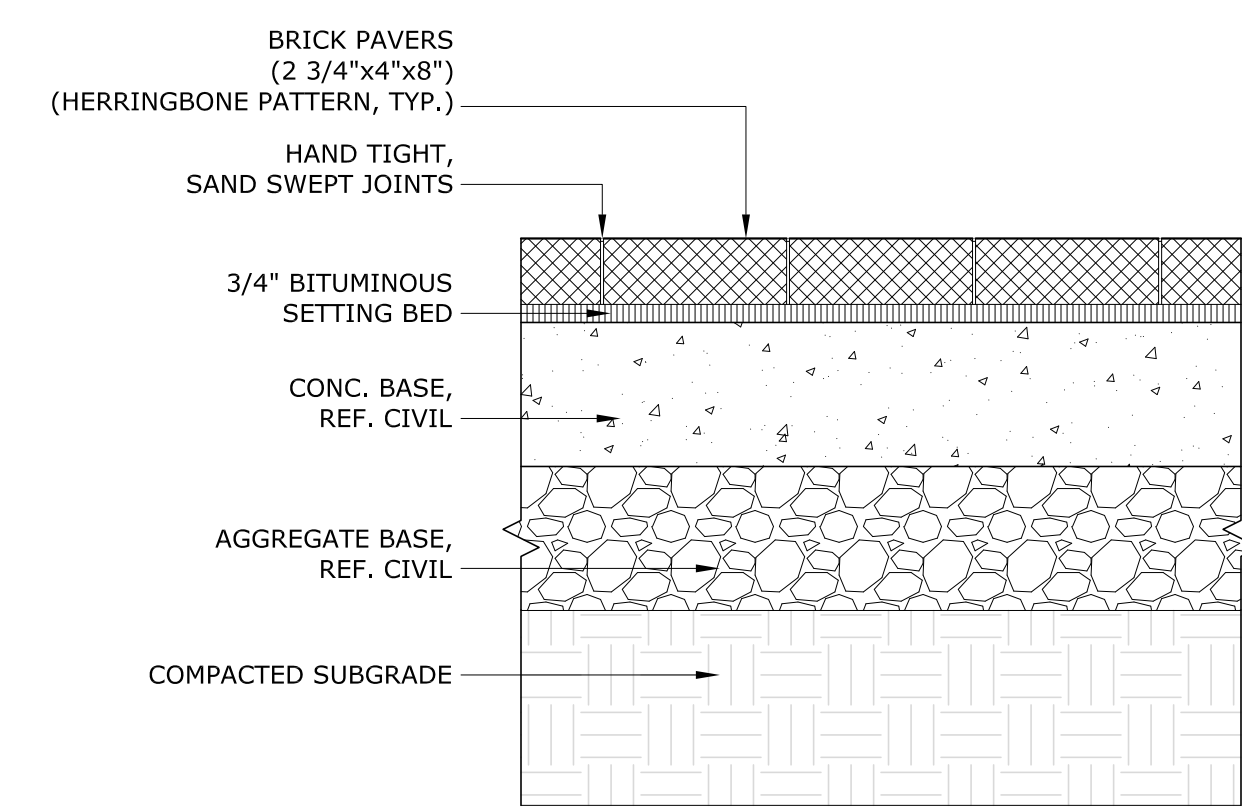
02 SILVA CELLS @ PLANTER EDGE
SCALE: 1"=1'-0"



01 SILVA CELL SYSTEM, TYP.
SCALE: 1"=1'-0"



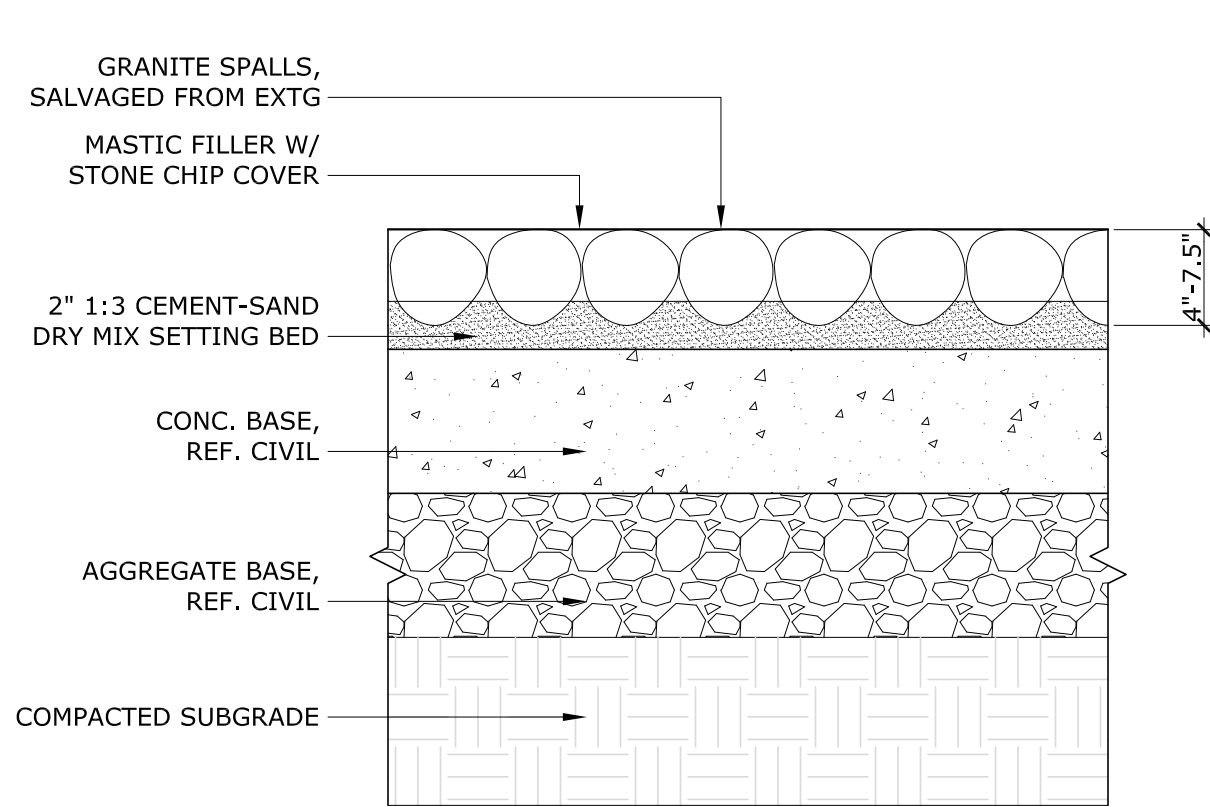
E:\2.0 Projects\13-001_17th Street Plaza\Drawing\02 Sheets\13-001_17TH ST_L702_SILVA CELL DETAILS.dwg 4/7/2016 1:24 PM James



04 GRANITE COBBLES
SCALE: 1 1/2"=1'-0"

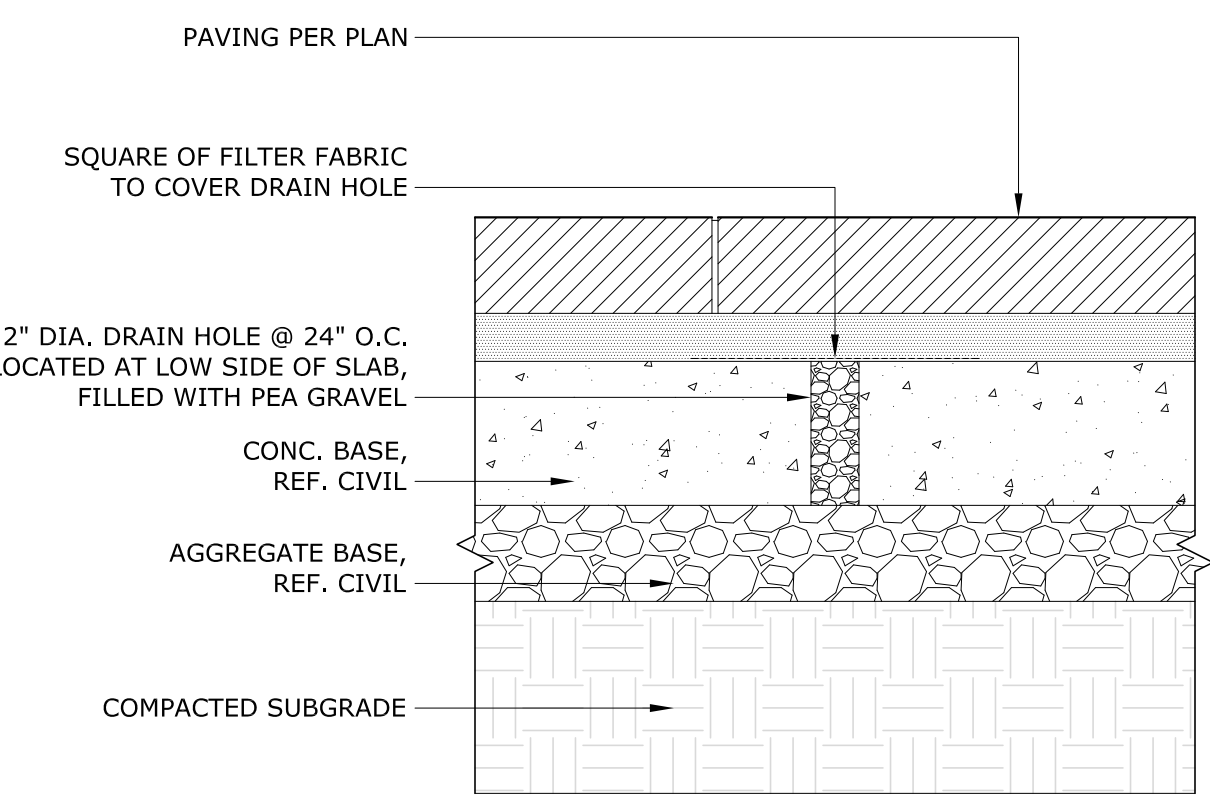


05 CITY OF RICHMOND STANDARD BRICK PAVERS (DRIVEABLE)
SCALE: 1 1/2"=1'-0"

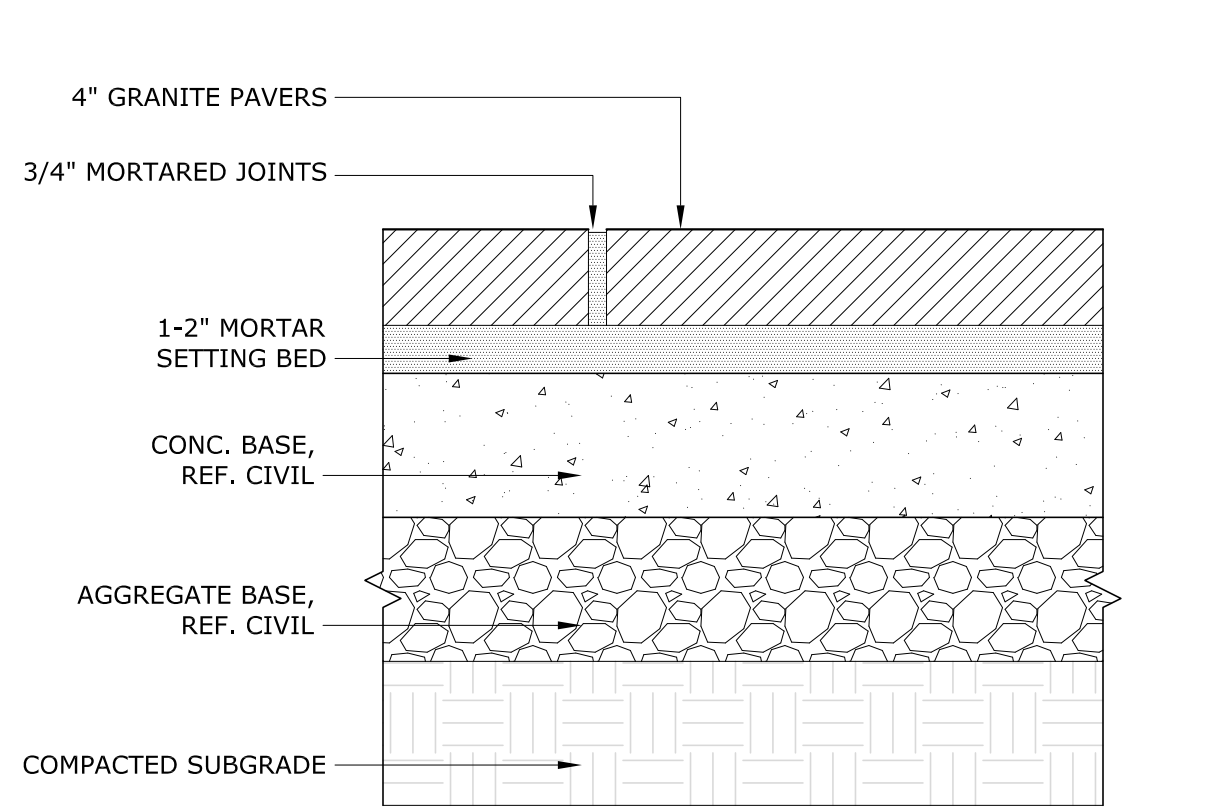


03 CITY OF RICHMOND STANDARD GRANITE SPALL PAVERS
SCALE: 1 1/2"=1'-0"

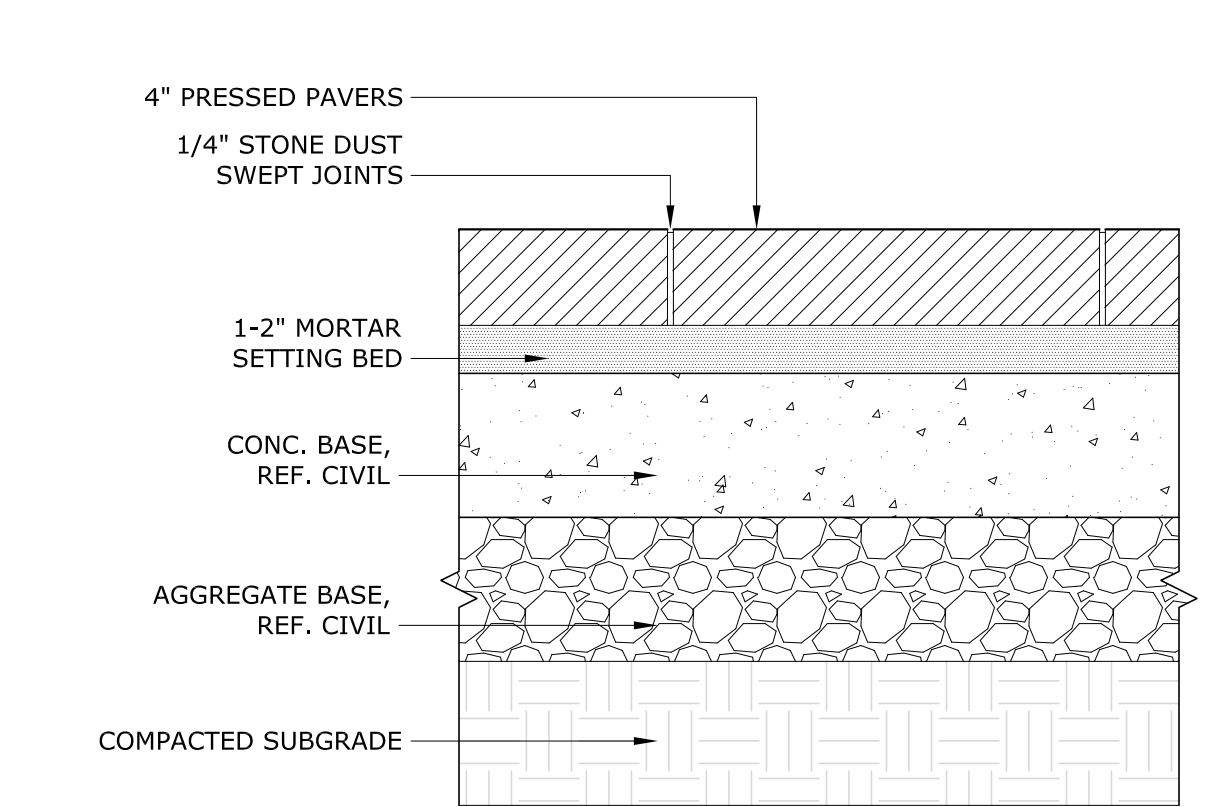
GRANITE SPALL DESCRIPTION (FROM KEVIN NEWCOMB - DPW)
-REMOVE, CLEAN, AND REPLACE EXISTING GRANITE SPALL
-INSTALL ON A NONSHRINK MORTAR BED
-PLACE GROUT (EMACO 577 CI, OR APPROVED EQUAL) AROUND ALL BLOCK TO WITHIN 1/4" OF TOP
-COMPLETE IN PLACE



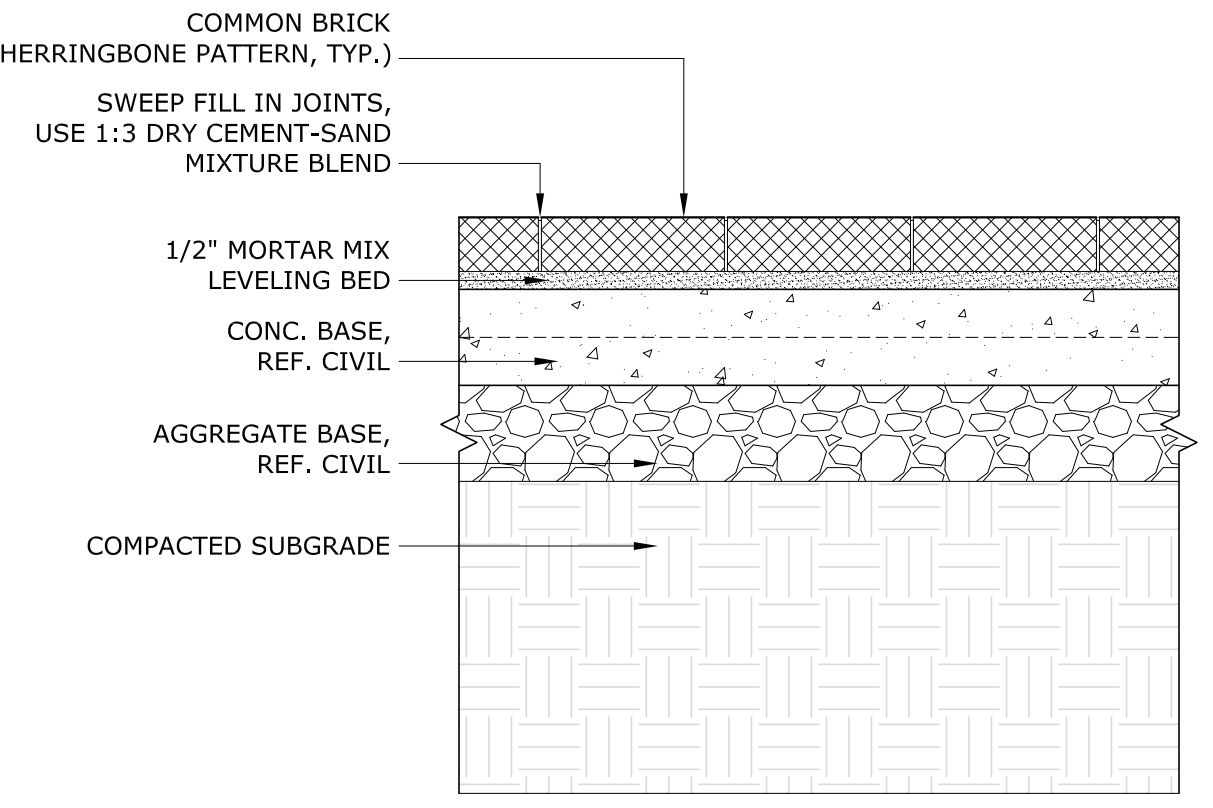
09 WEEP HOLES IN CONC SLAB
SCALE: 1 1/2"=1'-0"



02 GRANITE CART PATH
SCALE: 1 1/2"=1'-0"

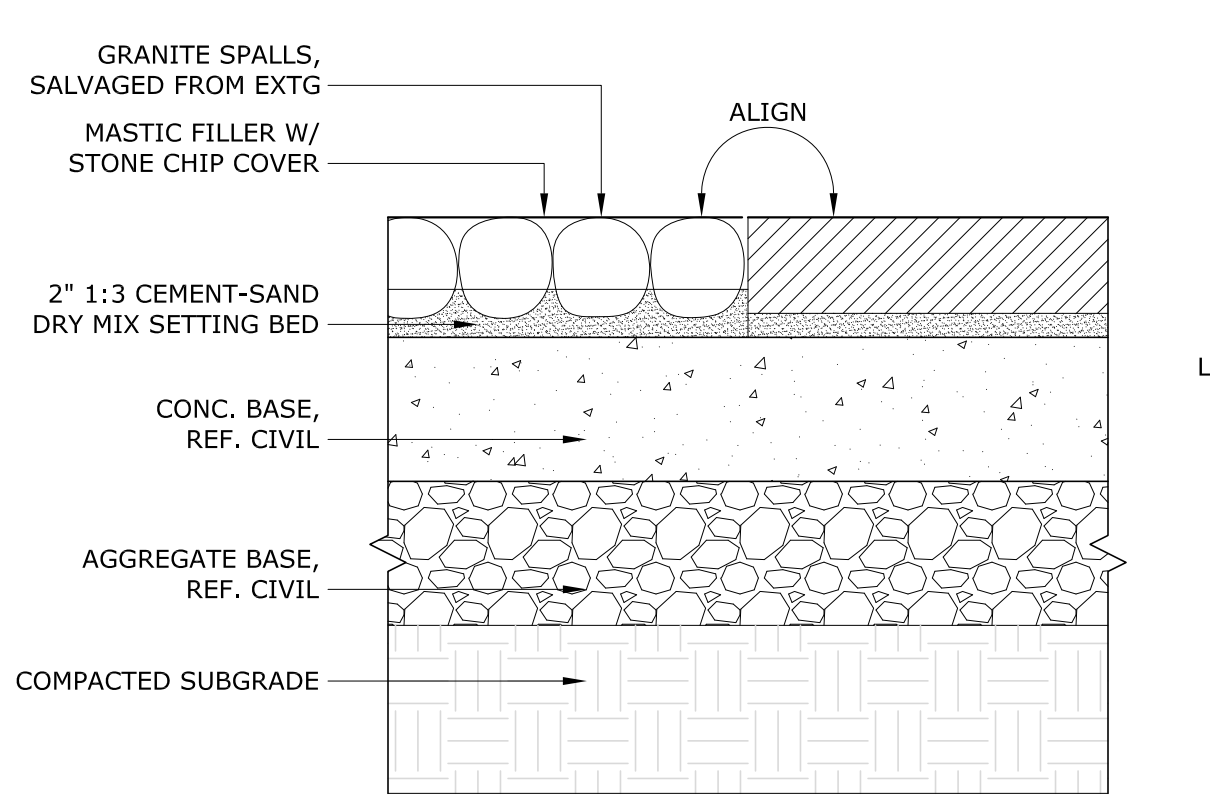


01 GRANITE PAVERS
SCALE: 1 1/2"=1'-0"

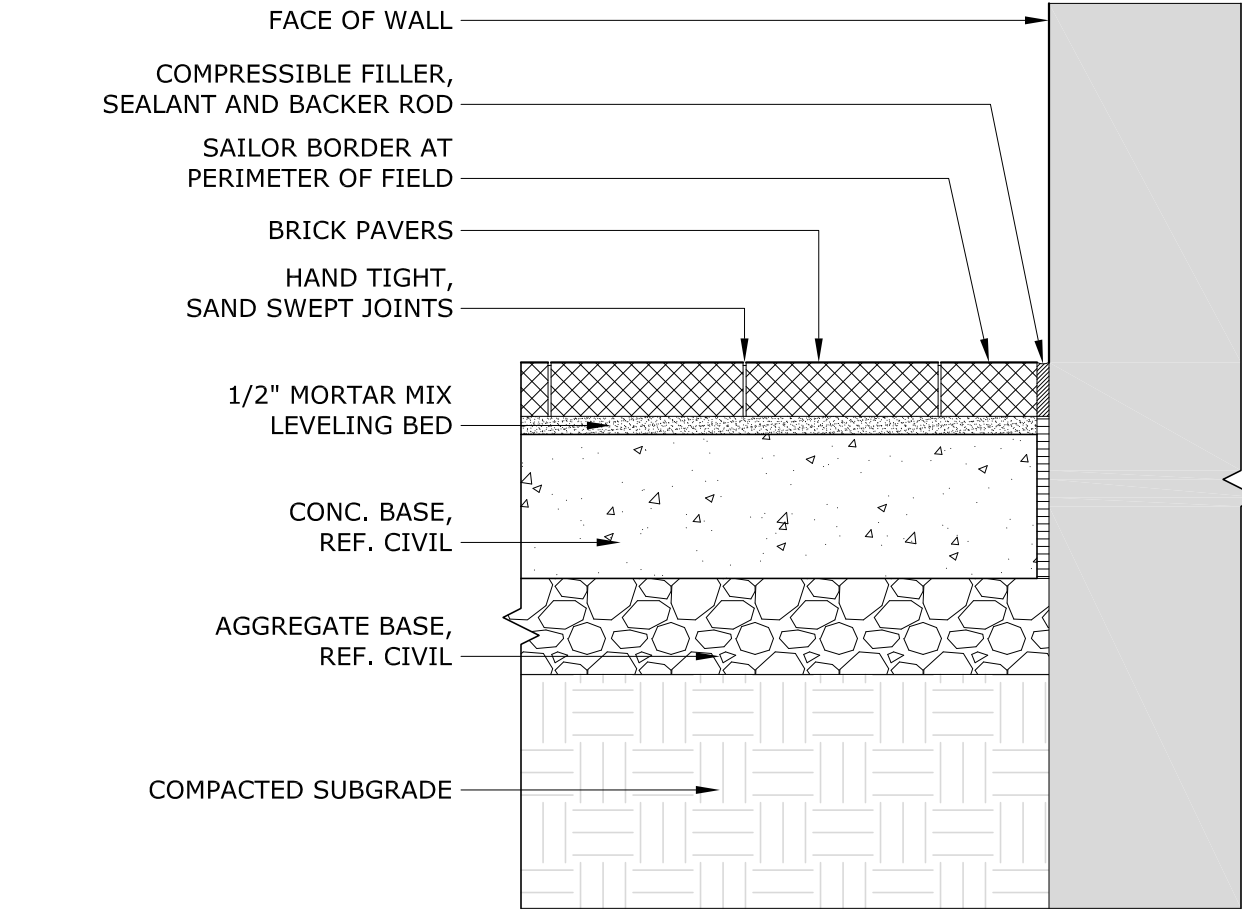


06 CITY OF RICHMOND STANDARD BRICK SIDEWALK
SCALE: 1 1/2"=1'-0"

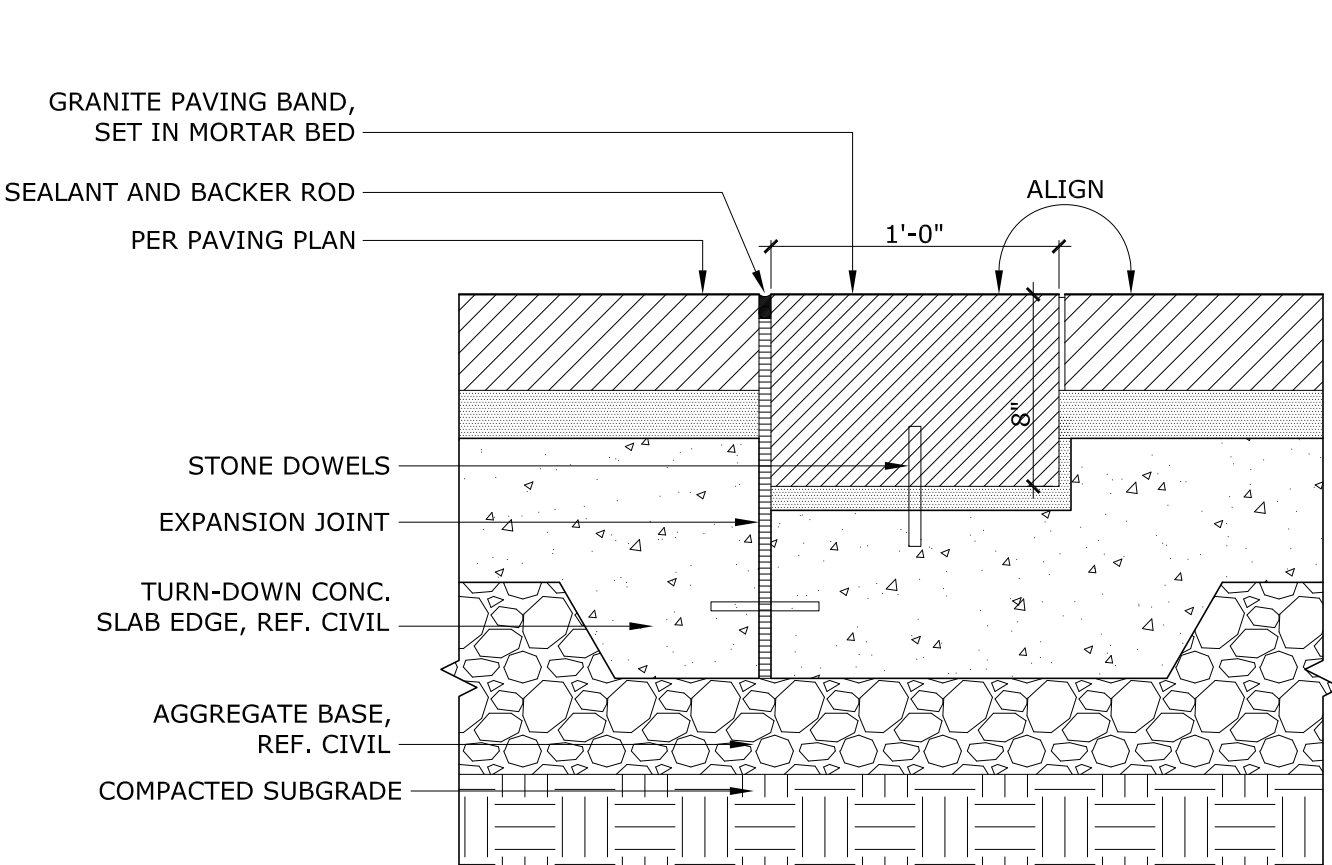
07 NOT USED
SCALE: 1 1/2"=1'-0"



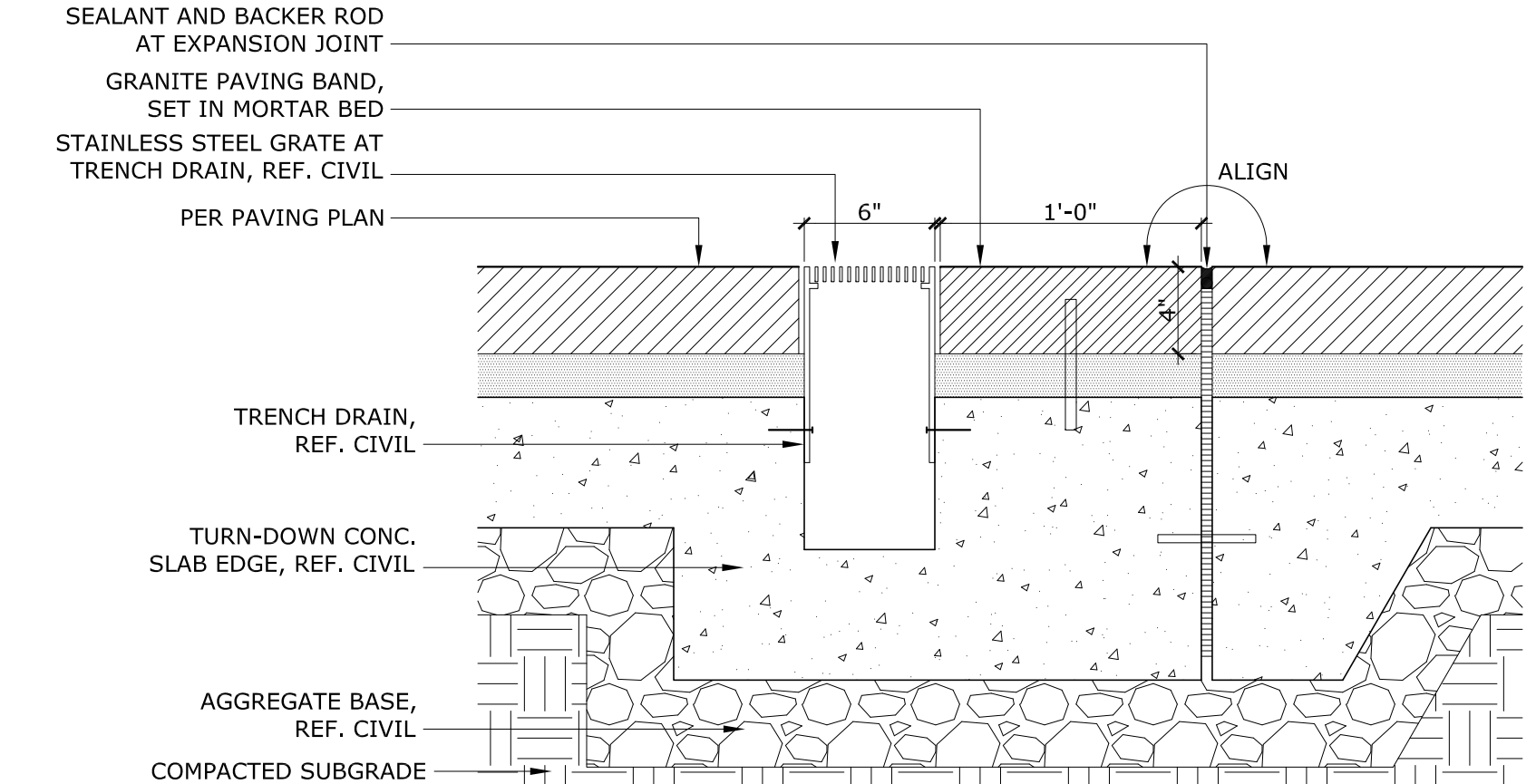
08 SPALLS AT CART PATH
SCALE: 1 1/2"=1'-0"



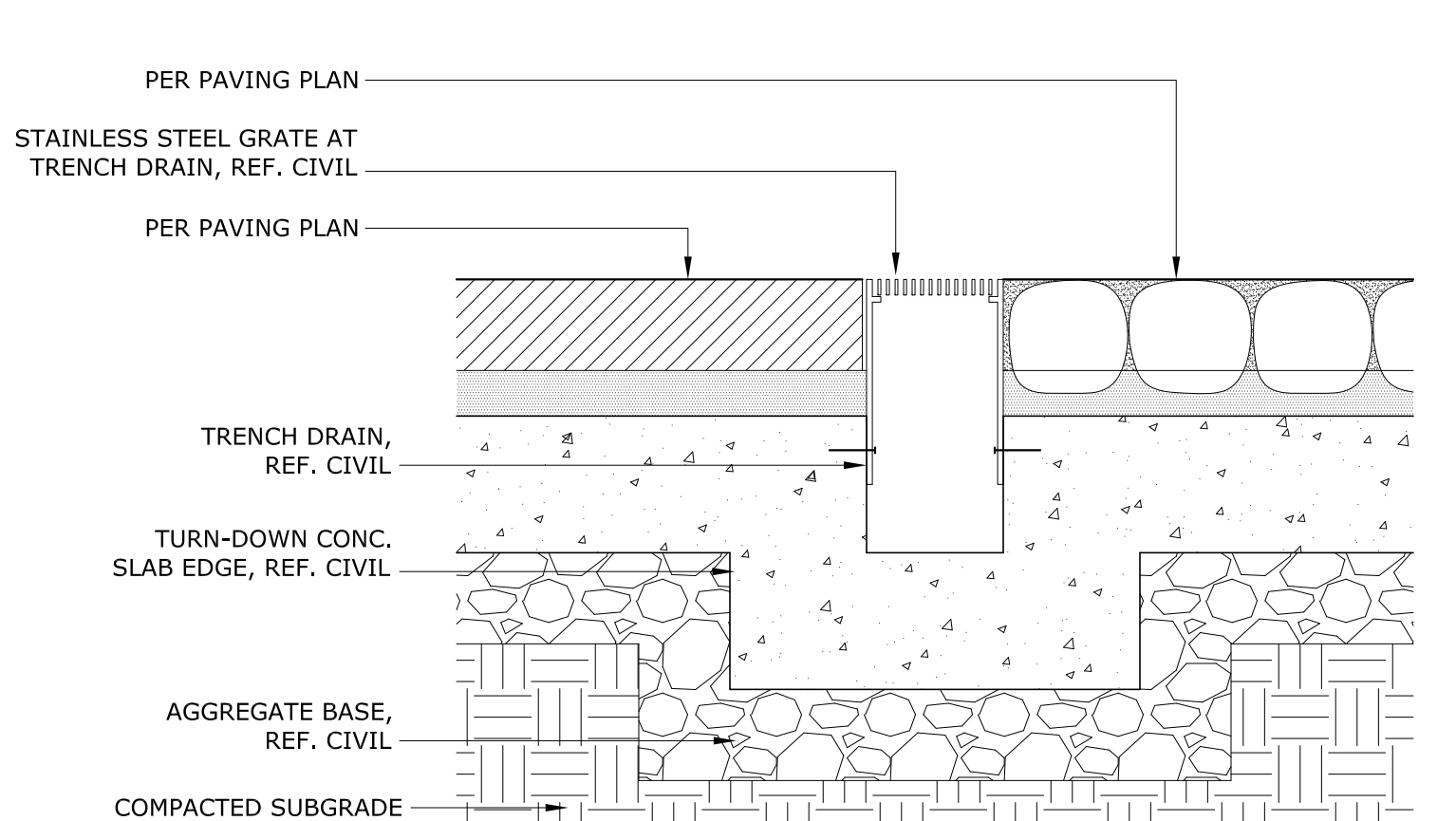
10 BRICK SIDEWALK @ WALL
SCALE: 1 1/2"=1'-0"



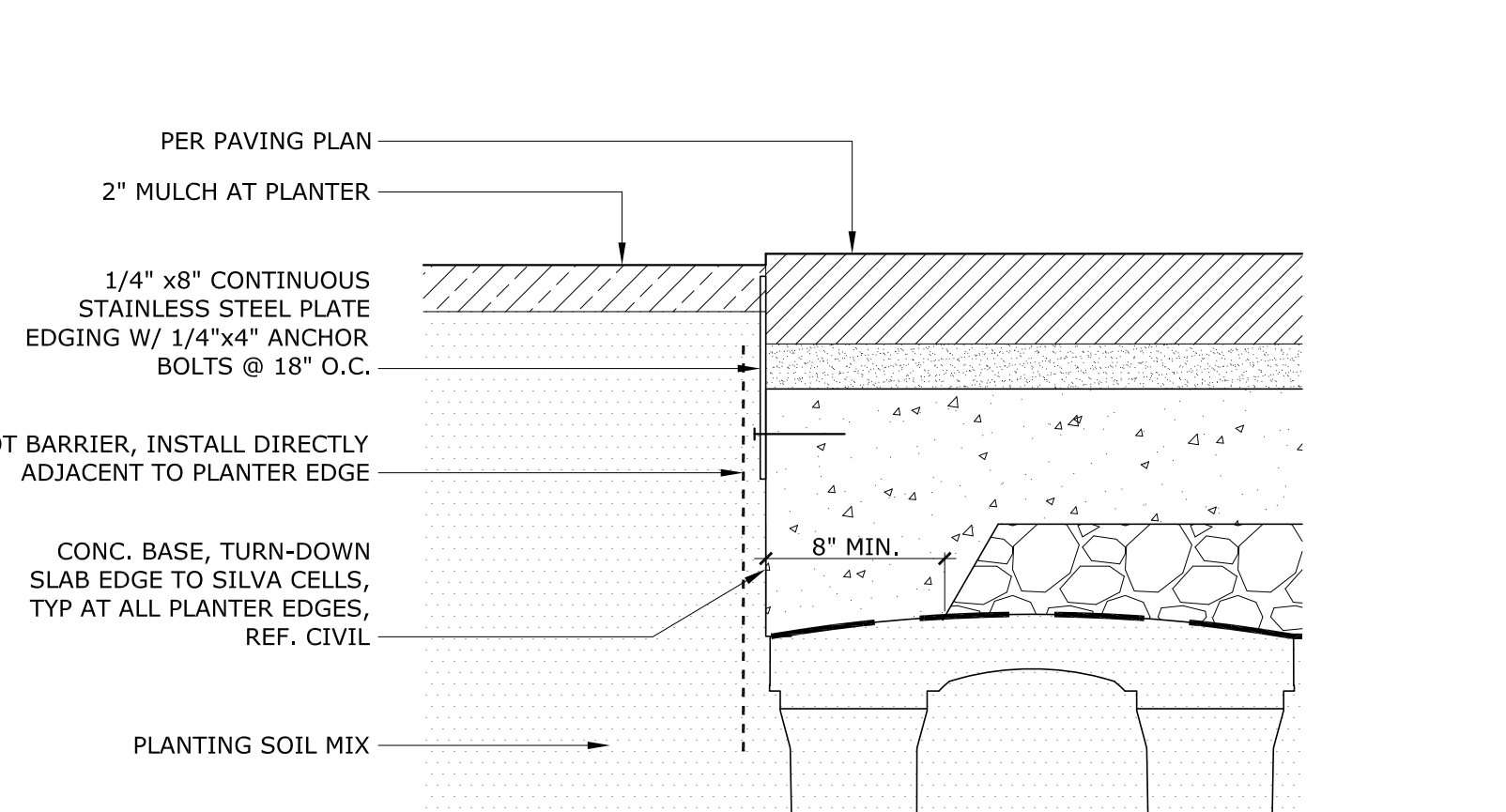
11 GRANITE PAVING BAND
SCALE: 1 1/2"=1'-0"



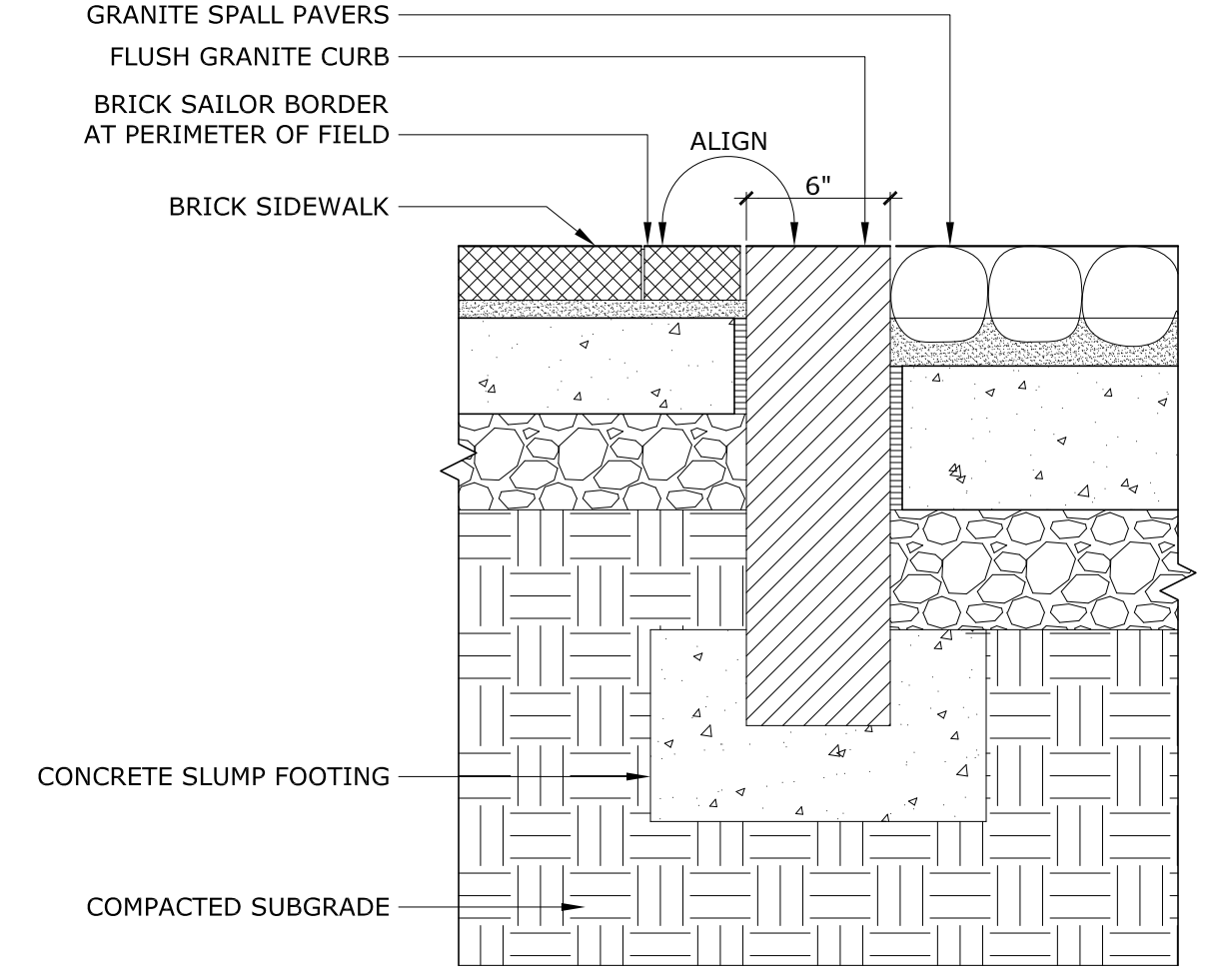
12 PAVING AT FOUNTAIN TRENCH DRAIN
SCALE: 1 1/2"=1'-0"



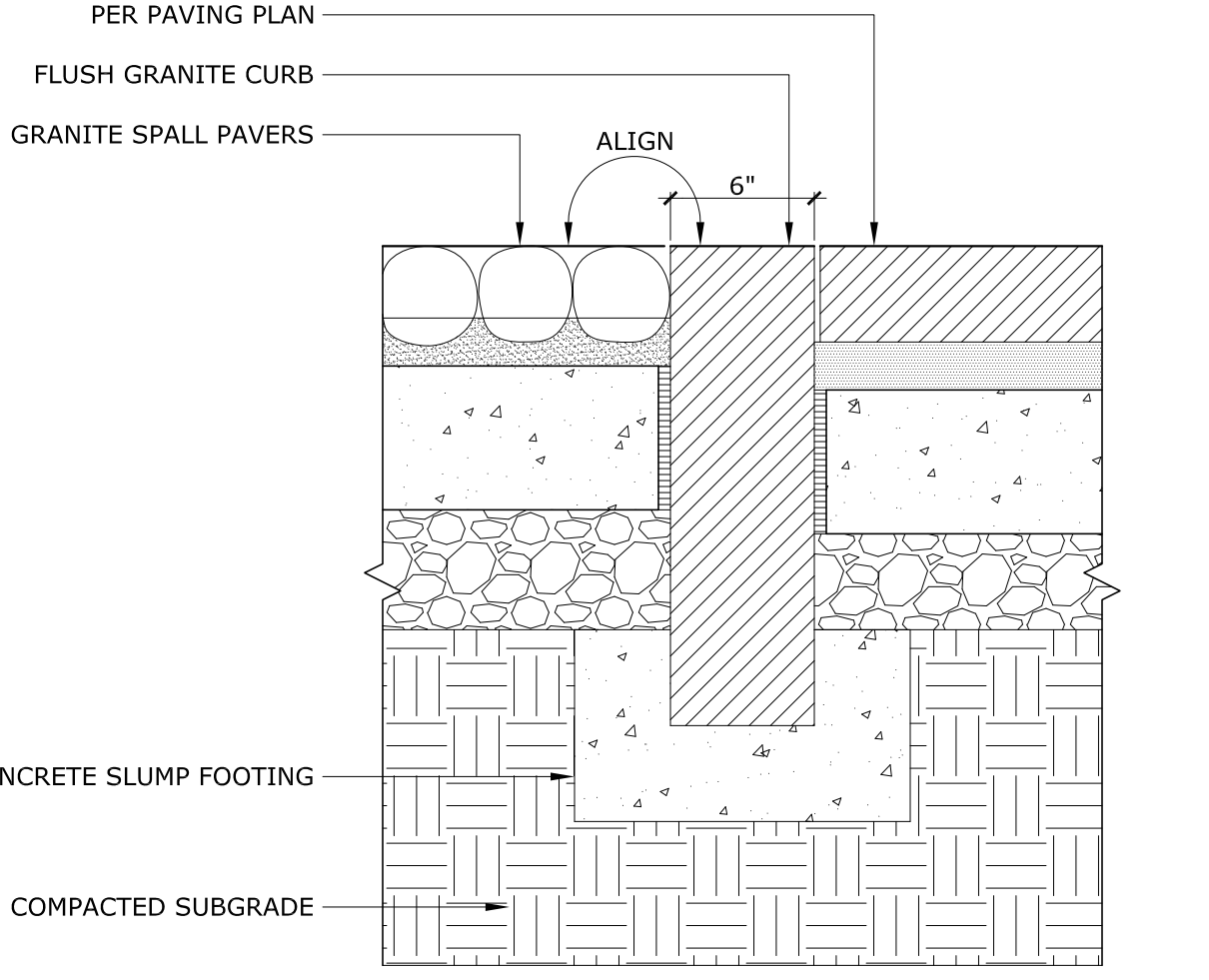
13 PAVING AT TRENCH DRAIN
SCALE: 1 1/2"=1'-0"



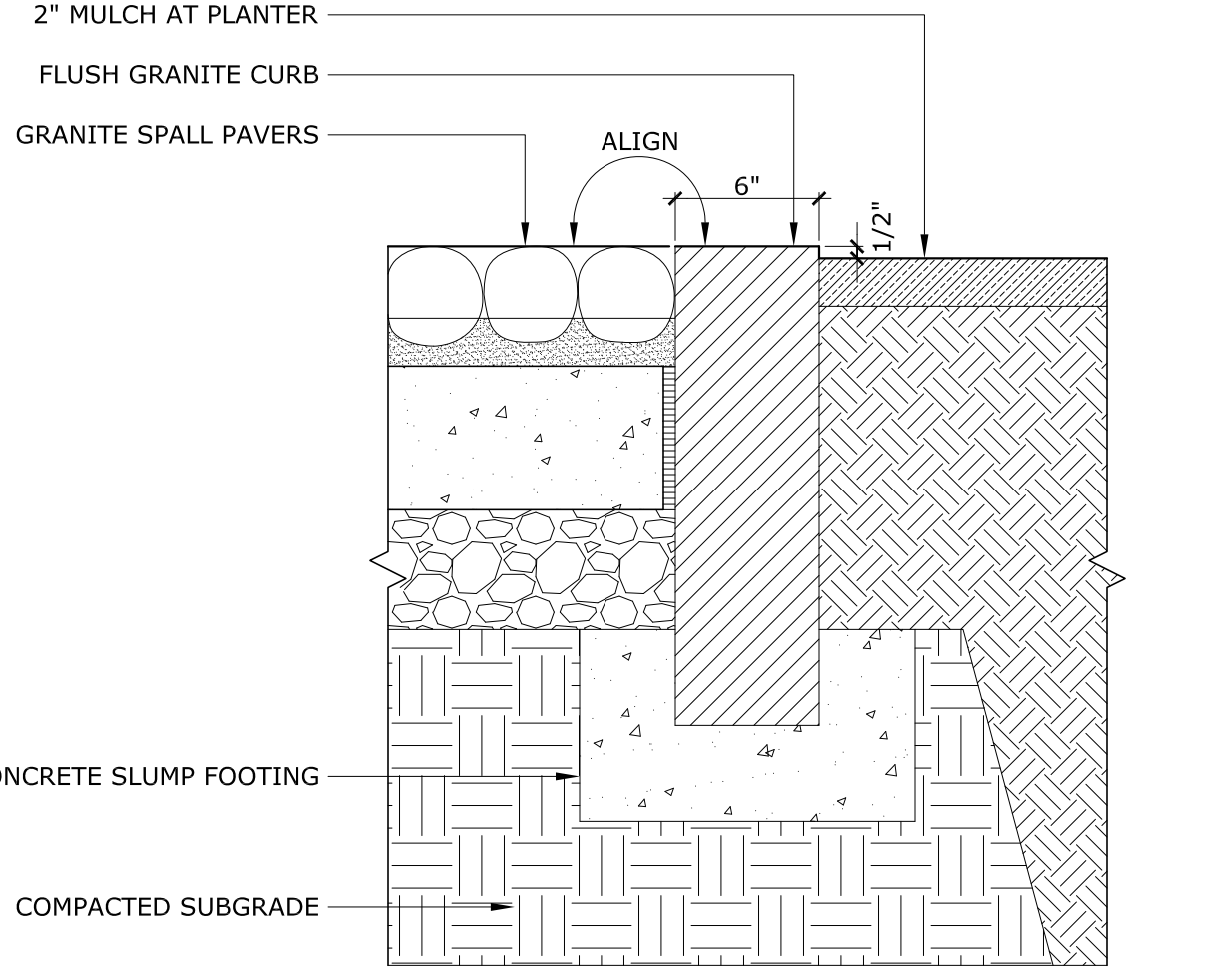
14 GRANITE AT PLANTER EDGE
SCALE: 1 1/2"=1'-0"



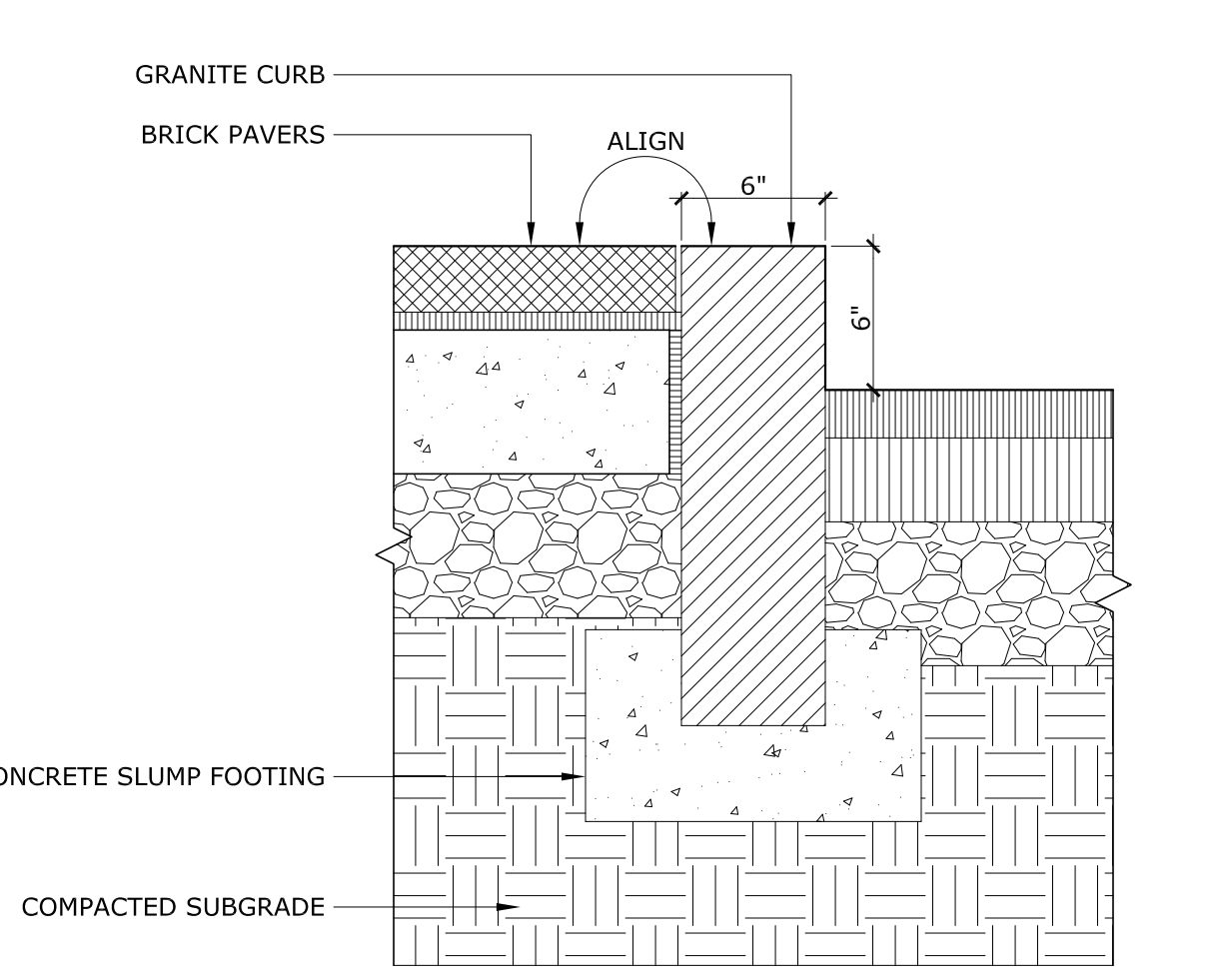
16 FLUSH GRANITE CURB
SCALE: 1 1/2"=1'-0"



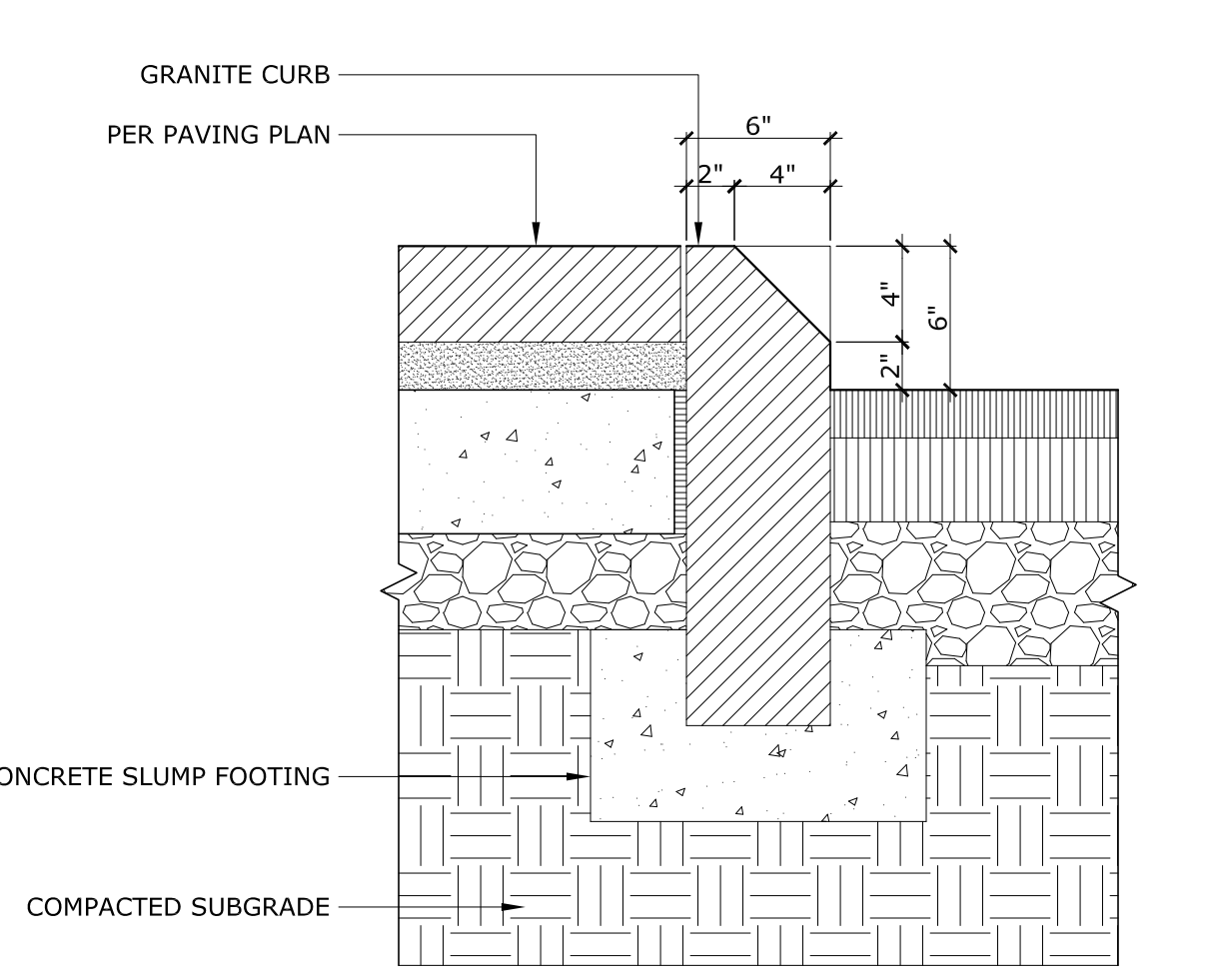
17 FLUSH GRANITE CURB
SCALE: 1 1/2"=1'-0"



18 FLUSH GRANITE CURB
SCALE: 1 1/2"=1'-0"

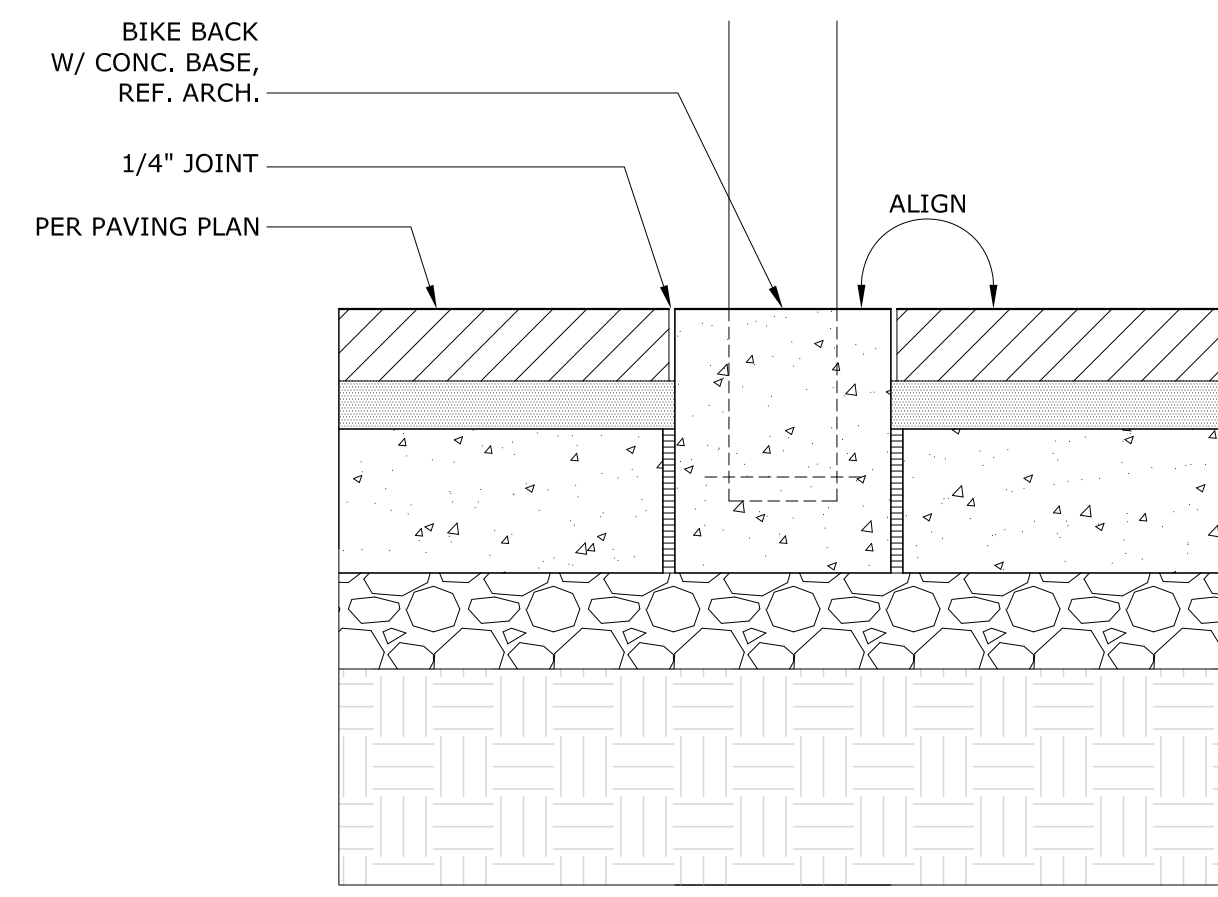


19 GRANITE CURB
SCALE: 1 1/2"=1'-0"

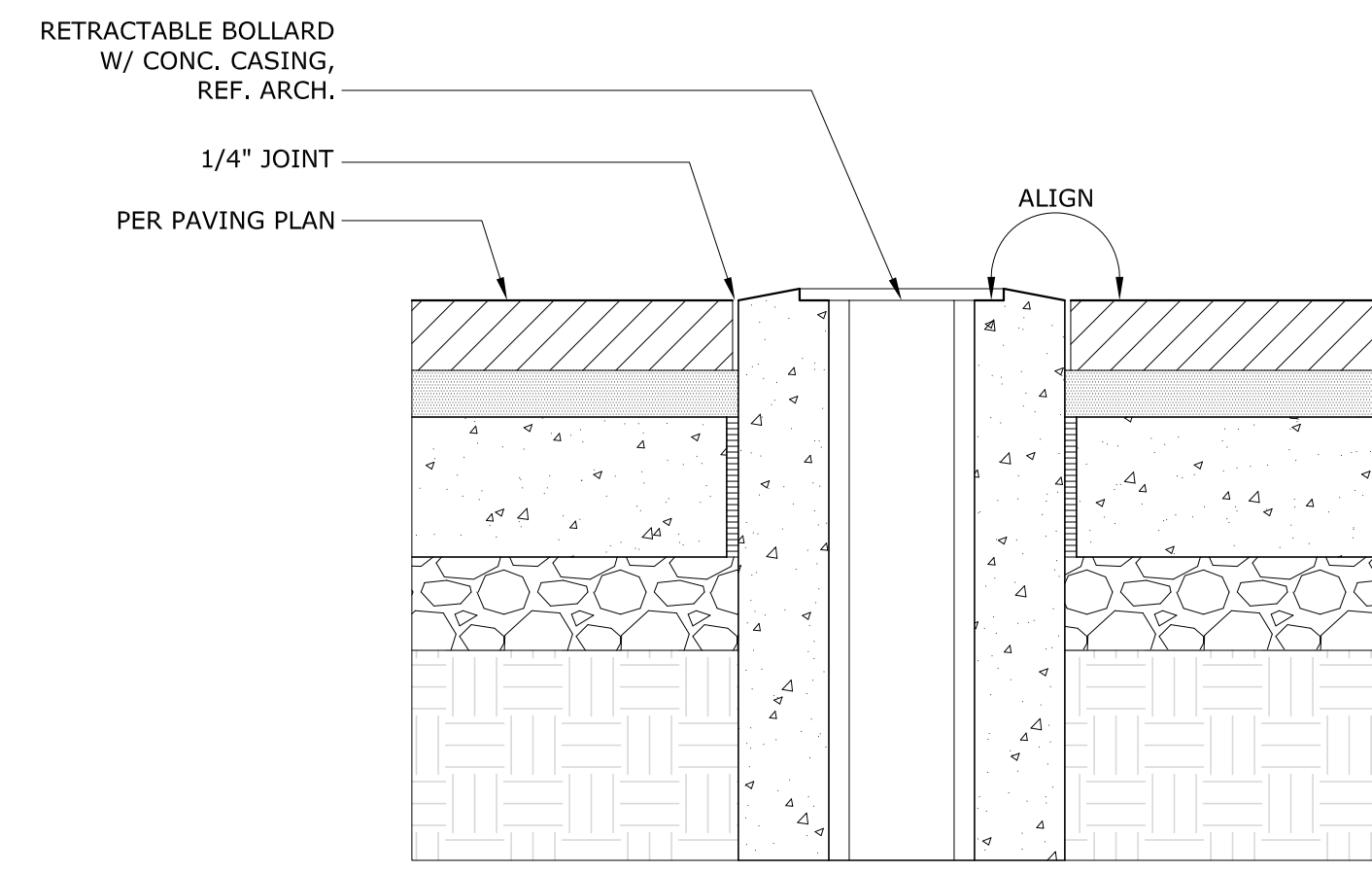


20 ANGLED GRANITE CURB
SCALE: 1 1/2"=1'-0"

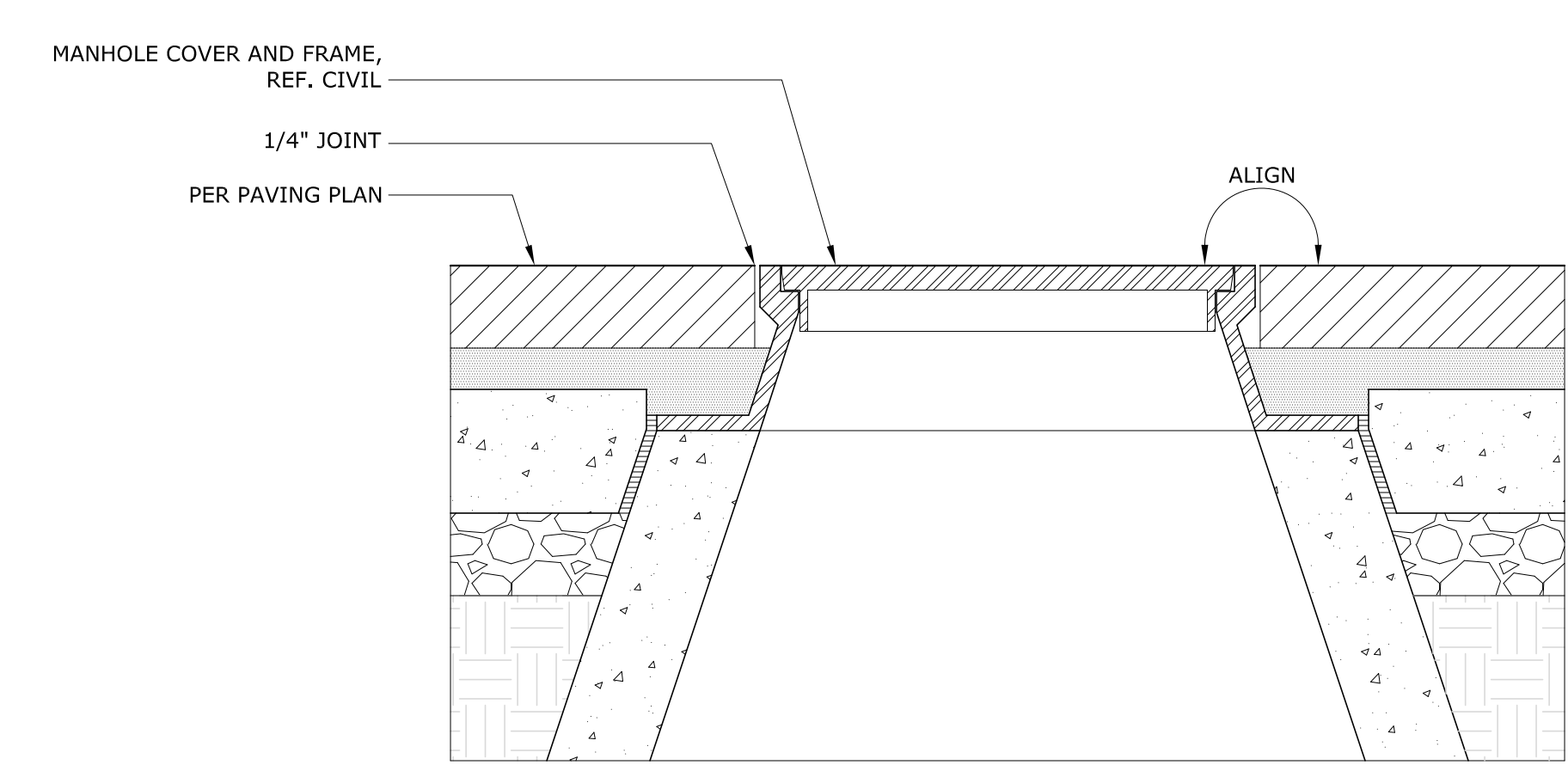
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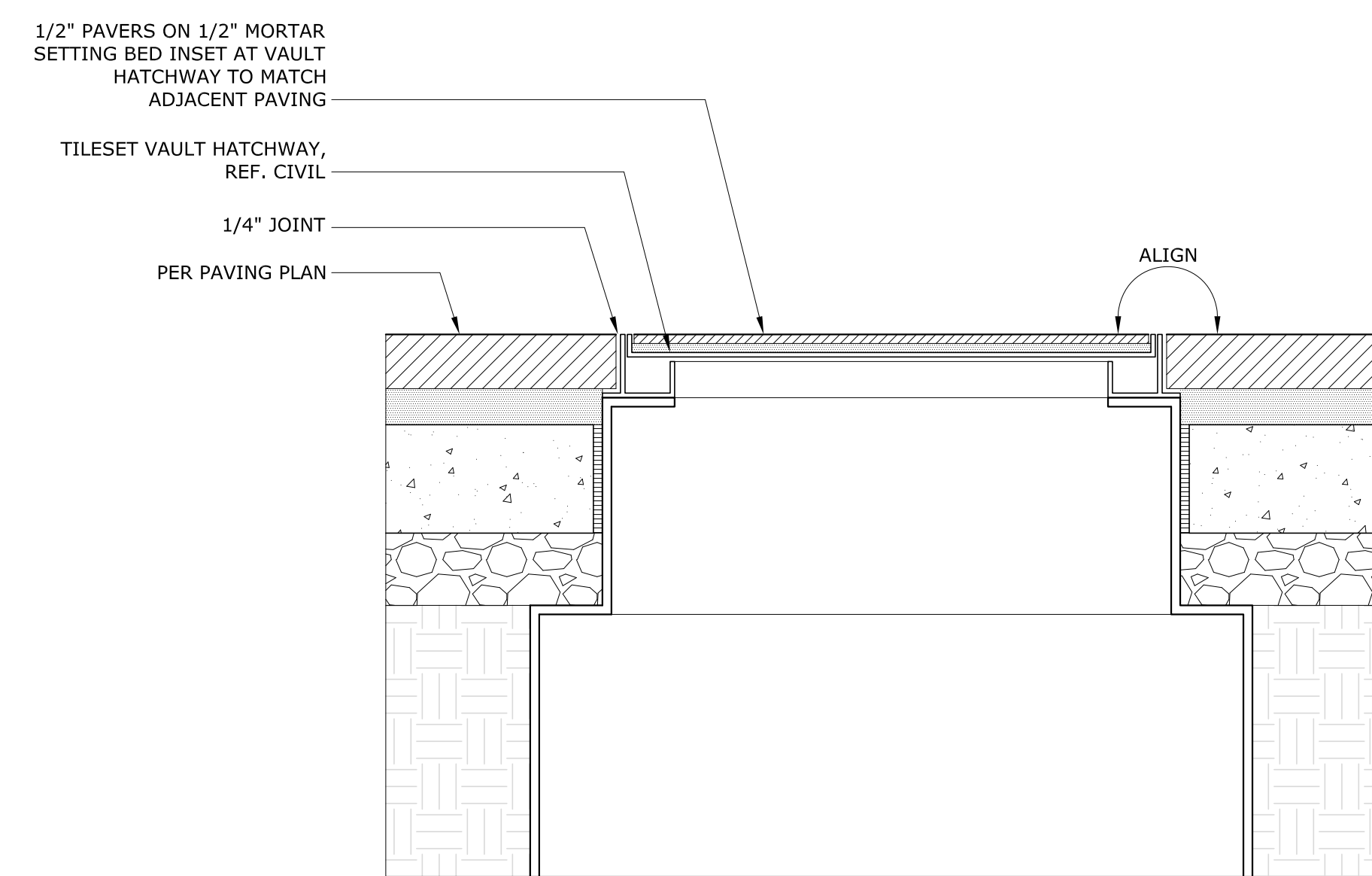
07 PAVING AT BIKE RACK
SCALE: 1 1/2"=1'-0"



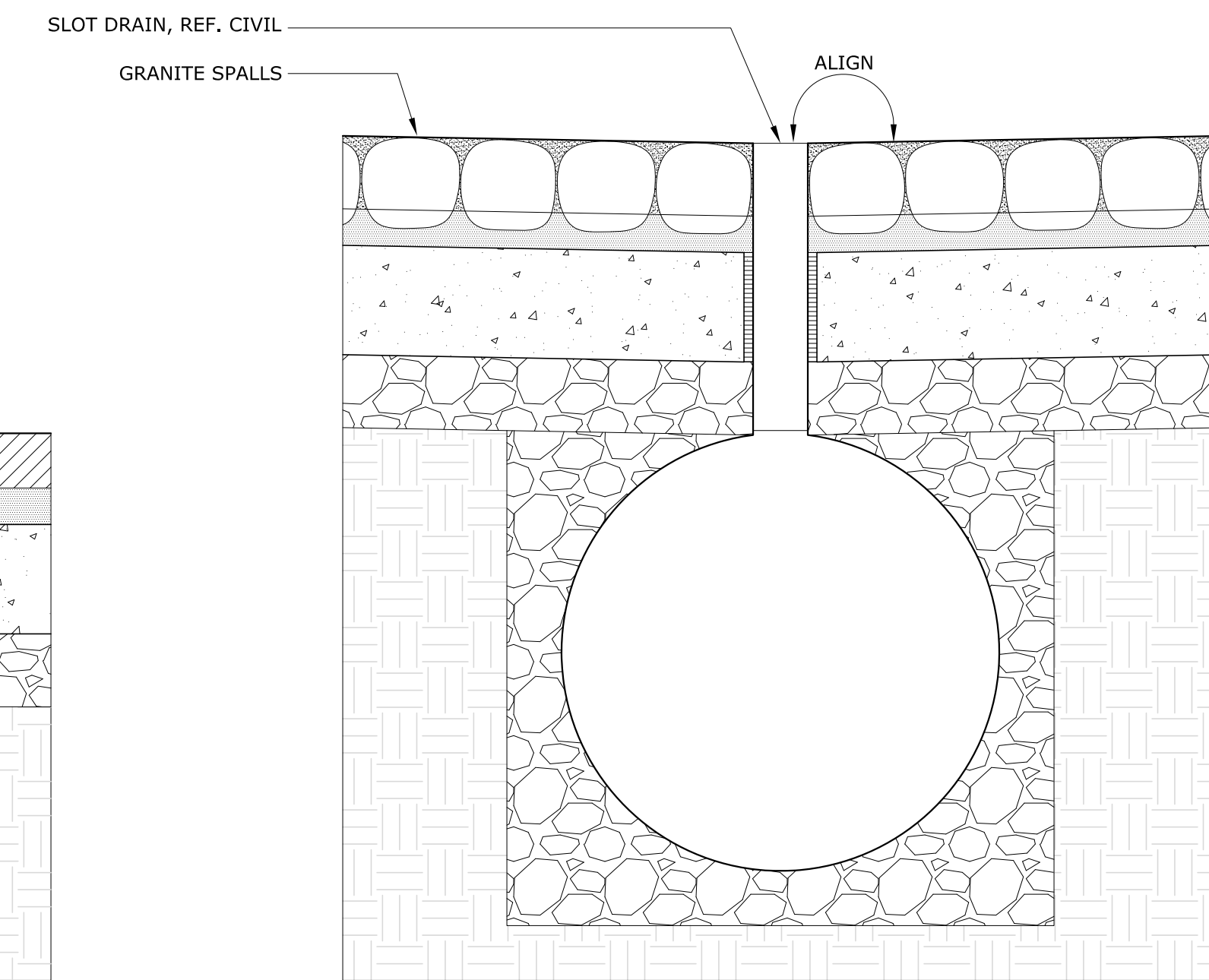
06 PAVING AT RETRACTABLE BOLLARD
SCALE: 1 1/2"=1'-0"



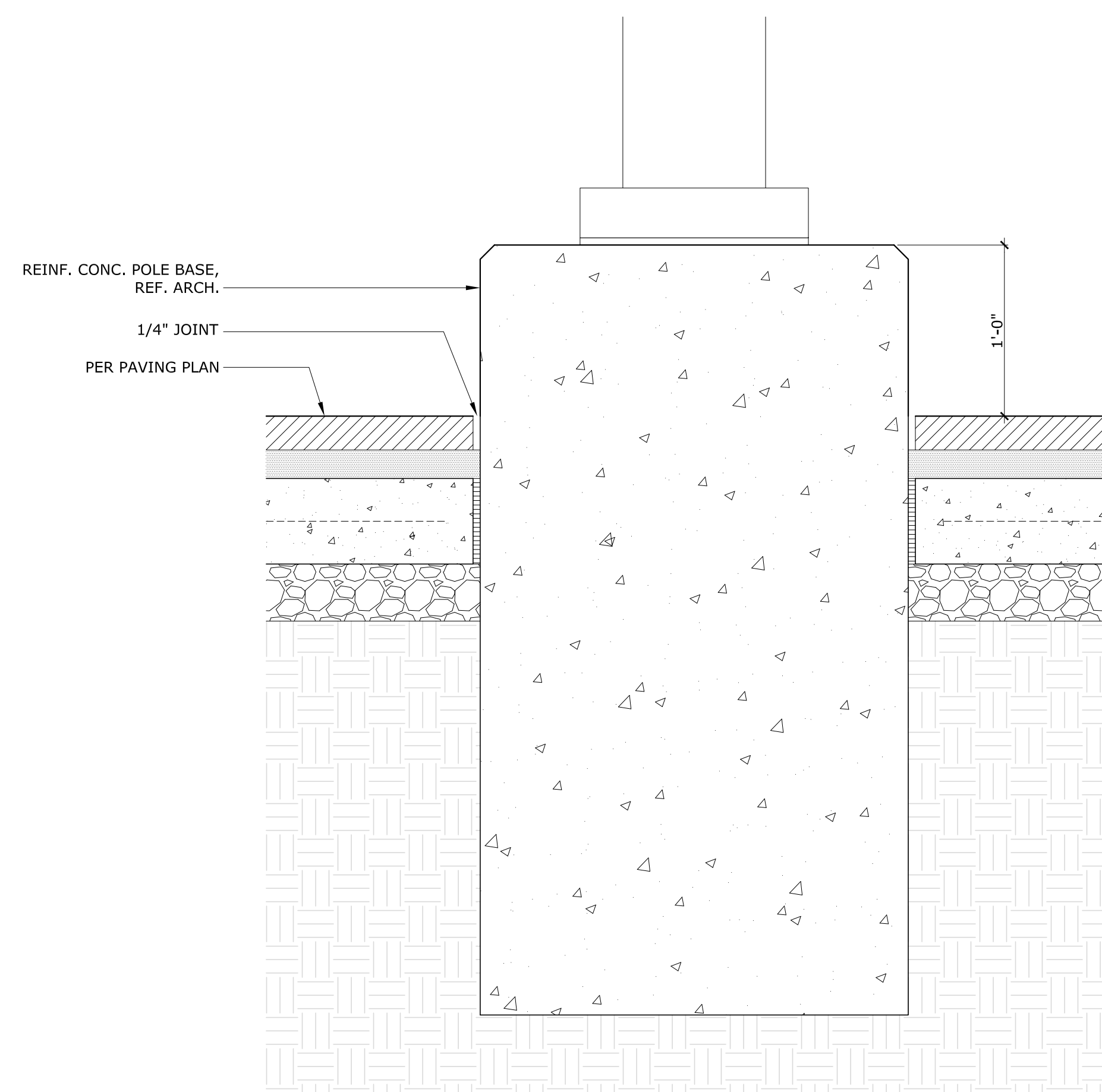
05 PAVING AT MANHOLE COVER
SCALE: 1 1/2"=1'-0"



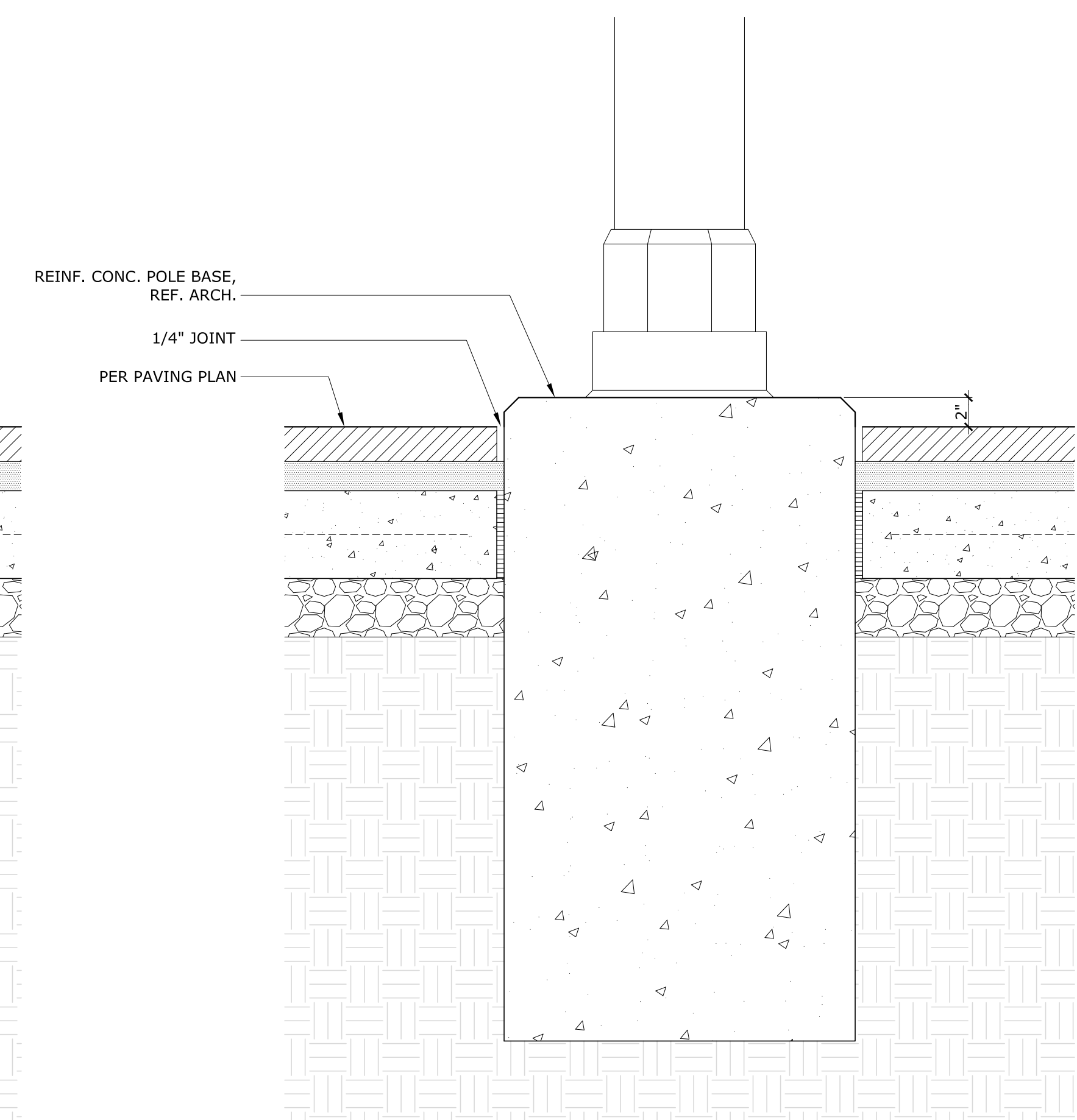
04 PAVING AT VAULT HATCHWAY
SCALE: 1 1/2"=1'-0"



03 PAVING AT SLOT DRAIN
SCALE: 1 1/2"=1'-0"



02 PAVING AT CATENARY POLE BASE
SCALE: 1 1/2"=1'-0"



01 PAVING AT LIGHT POLE BASE
SCALE: 1 1/2"=1'-0"

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