

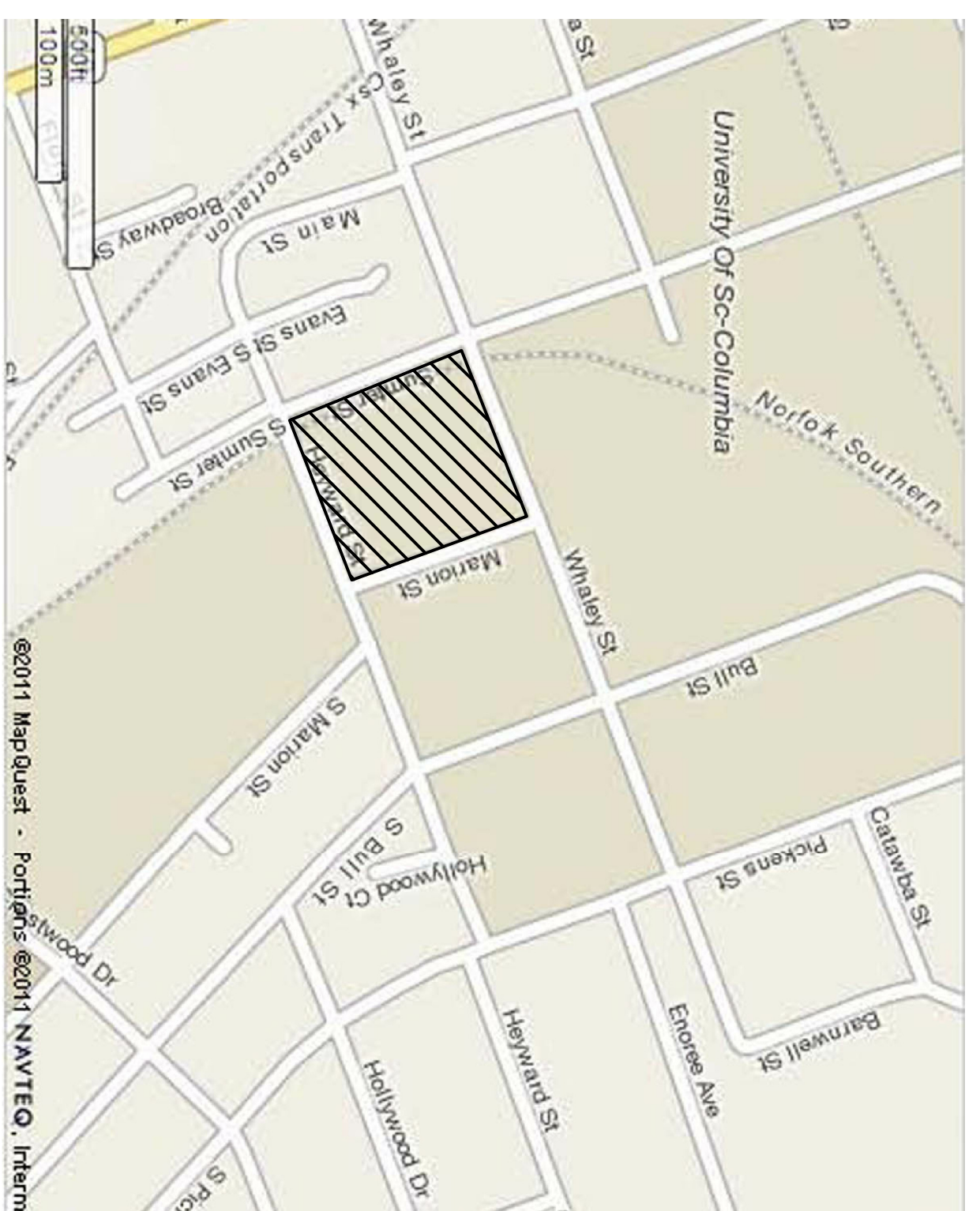
Renovate Concourse Entries at Stone Stadium

University of South Carolina Columbia, South Carolina

Project Number: H27-1967



VICINITY MAP



INDEX TO DRAWINGS

T1	COVER SHEET, VICINITY MAP, INDEX TO DRAWINGS
L1	DEMOLITION PLAN
L2	DIMENSIONING PLAN
L3	SITE DETAILS
L4	SITE DETAILS
L5	SITE DETAILS
L6	PLANTING PLAN
L7	PLANTING DETAILS
I1	IRRIGATION PLAN
I2	IRRIGATION DETAILS
S1	STRUCTURAL SECTIONS
S2	FOUNDATION PLAN AND STRUCTURAL NOTES
E1	ELECTRICAL PLAN

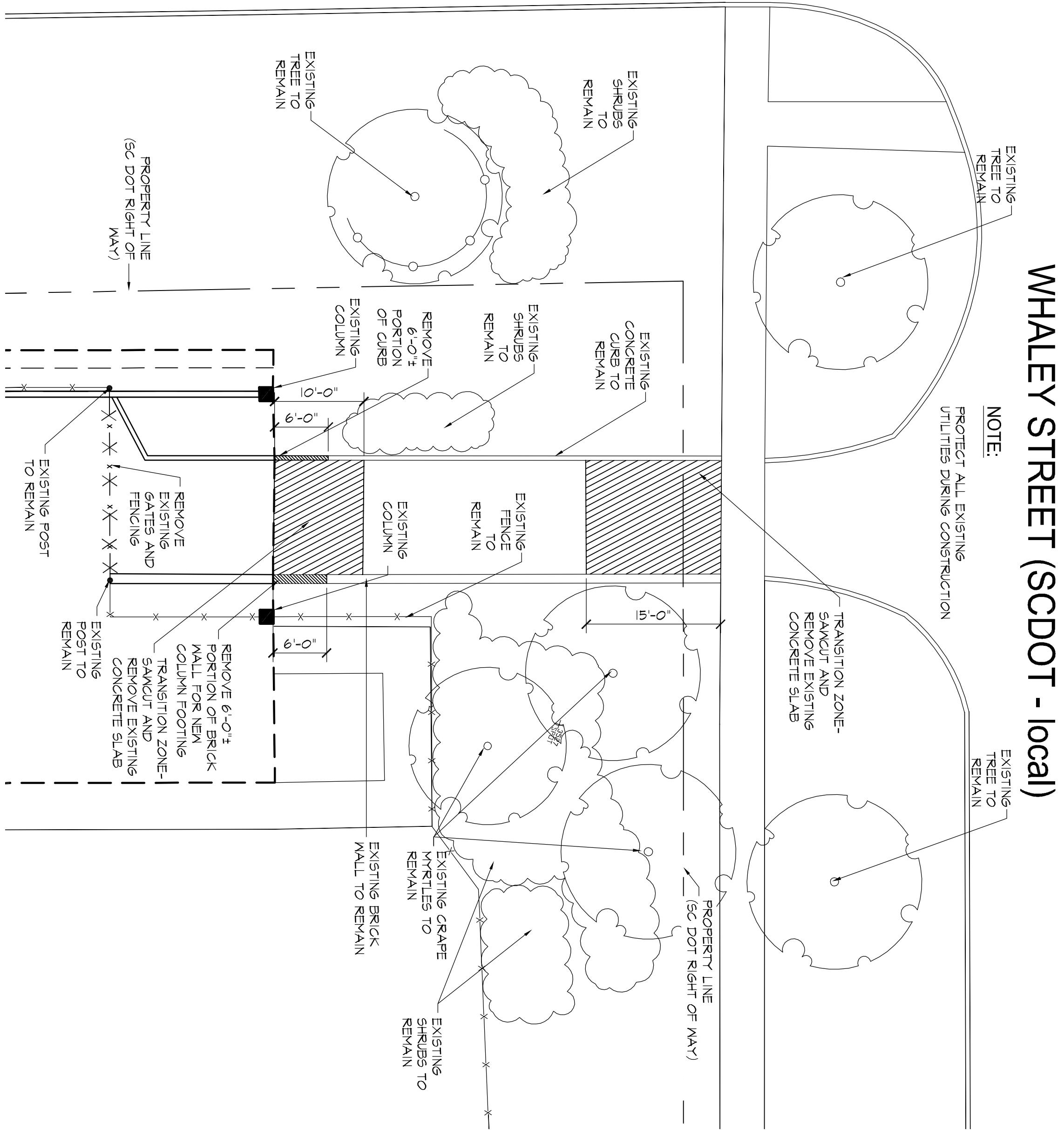
CONSULTANTS

Grimball-Cotterill and Associates
Landscape Architects/Planners
600 Beltline Blvd.
Columbia, SC 29205

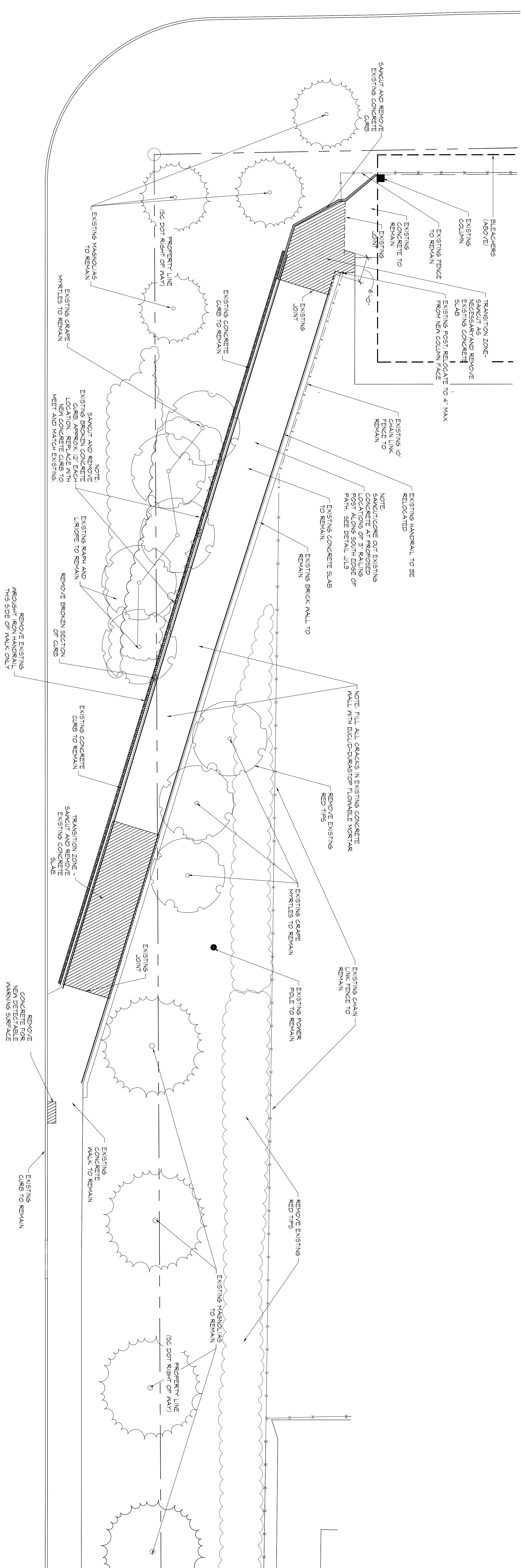
Sims Group Engineers, Inc.
Electrical Engineers
800 Columbiana Drive, Suite 208
Irmo, South Carolina, 29063

Mabry Engineering Associates, Inc.
Structural Engineers
840 Shull Street, Suite 100
West Columbia, SC 29170

SUMNER STREET (SCDOT-S-177)



WHALEY STREET ENTRANCE PLAN



WHALEY STREET (SCDOT - local)

GENERAL NOTES

1. EXISTING ECOSYSTEM AND ASBESTOS WILL OBTAIN CASE ADJUSTMENT OF THESE PLANS TO FIT THE SITE. STATEMENT BY THE CONTRACTOR AND ADJUSTMENT BY THE LANDSCAPE ARCHITECT IS ABSOLUTELY NECESSARY.
2. LOCATIONS OF THOSE UTILITIES SHOWN ARE APPROXIMATE AND FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION OF ALL UTILITIES WHETHER SHOWN OR NOT SHOWN ON THESE PLANS AND SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE RESULTING FROM THE EXISTING UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION OF ALL UTILITIES WHETHER SHOWN OR NOT SHOWN ON THESE PLANS AND SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE RESULTING FROM THE EXISTING UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION OF ALL UTILITIES WHETHER SHOWN OR NOT SHOWN ON THESE PLANS AND SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE RESULTING FROM THE EXISTING UTILITIES.
3. CONTRACTOR SHALL VERIFY LANDSCAPE ARCHITECT'S PROPOSED DESIGN IS IN CONFORMANCE WITH EXISTING OR PROPOSED UTILITIES. CONTRACTOR SHALL COORDINATE WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION TO ADJUST PROPOSED DESIGN OR UTILITIES AS NECESSARY TO RESOLVE CONFLICTS.
4. BASE PLAN DATA DERIVED FROM SITE SURVEY PROVIDED BY BR BARBER AND ASSOCIATES DATED OCTOBER 4, 2007.

Date	Revisions



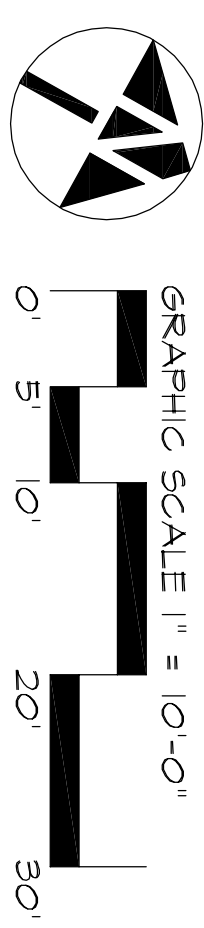
RENOVATE CONCOURSE ENTRIES AT STONE STADIUM
DEMOLITION PLAN
Project Number H27-1967

GRIMBALL & ASSOCIATES
COTTERILL

LANDSCAPE ARCHITECTS & LAND PLANNERS 600 BELTUNE BOULEVARD COLUMBIA, SC 29205 (803) 738-9525

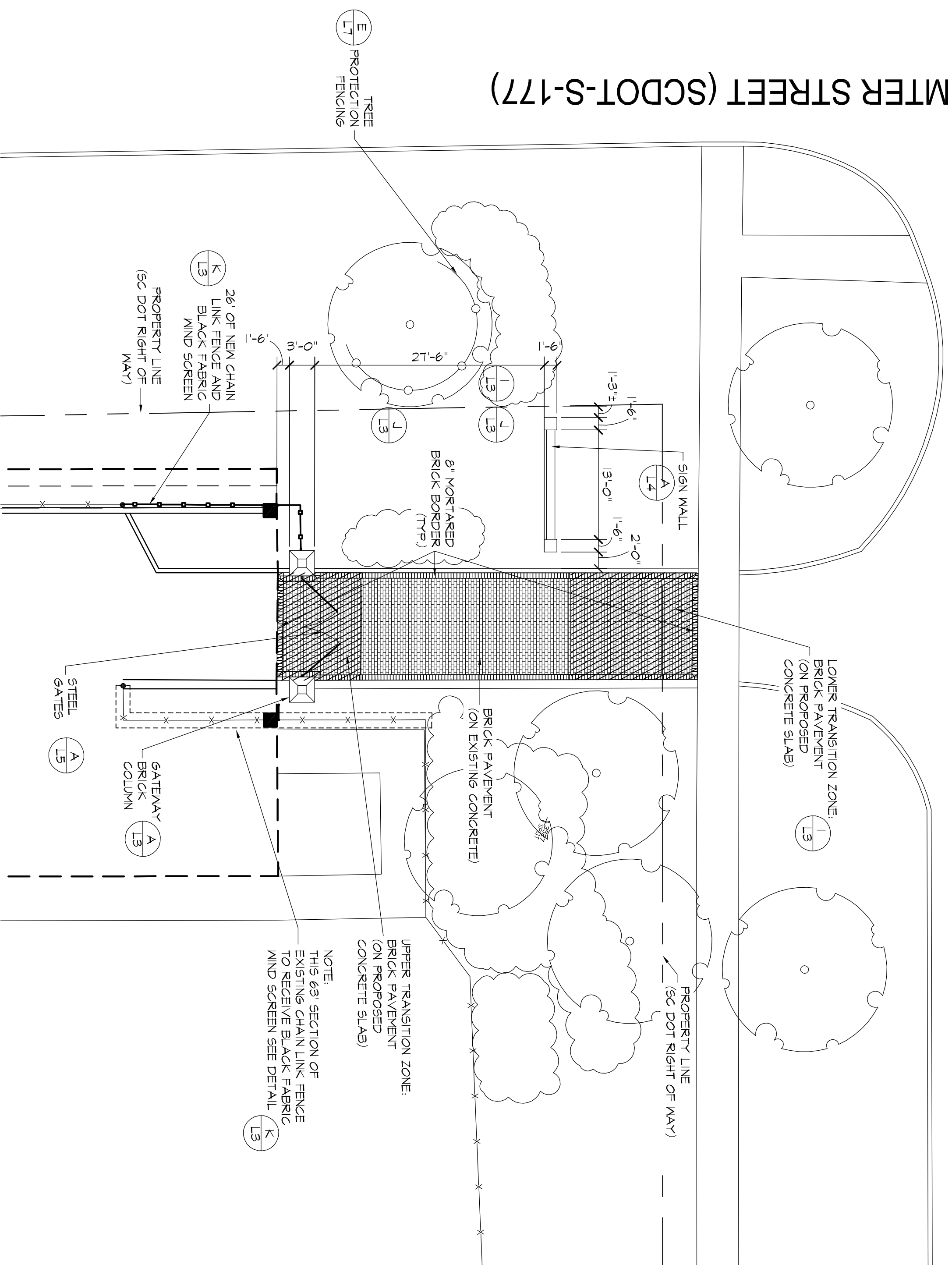
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HEYWARD STREET ENTRANCE PLAN



Drawing No. SKC
 Checked by: TMC
 Date: 2/1/12
 Drawing No. L-1
 Sheet No. 1 OF 12

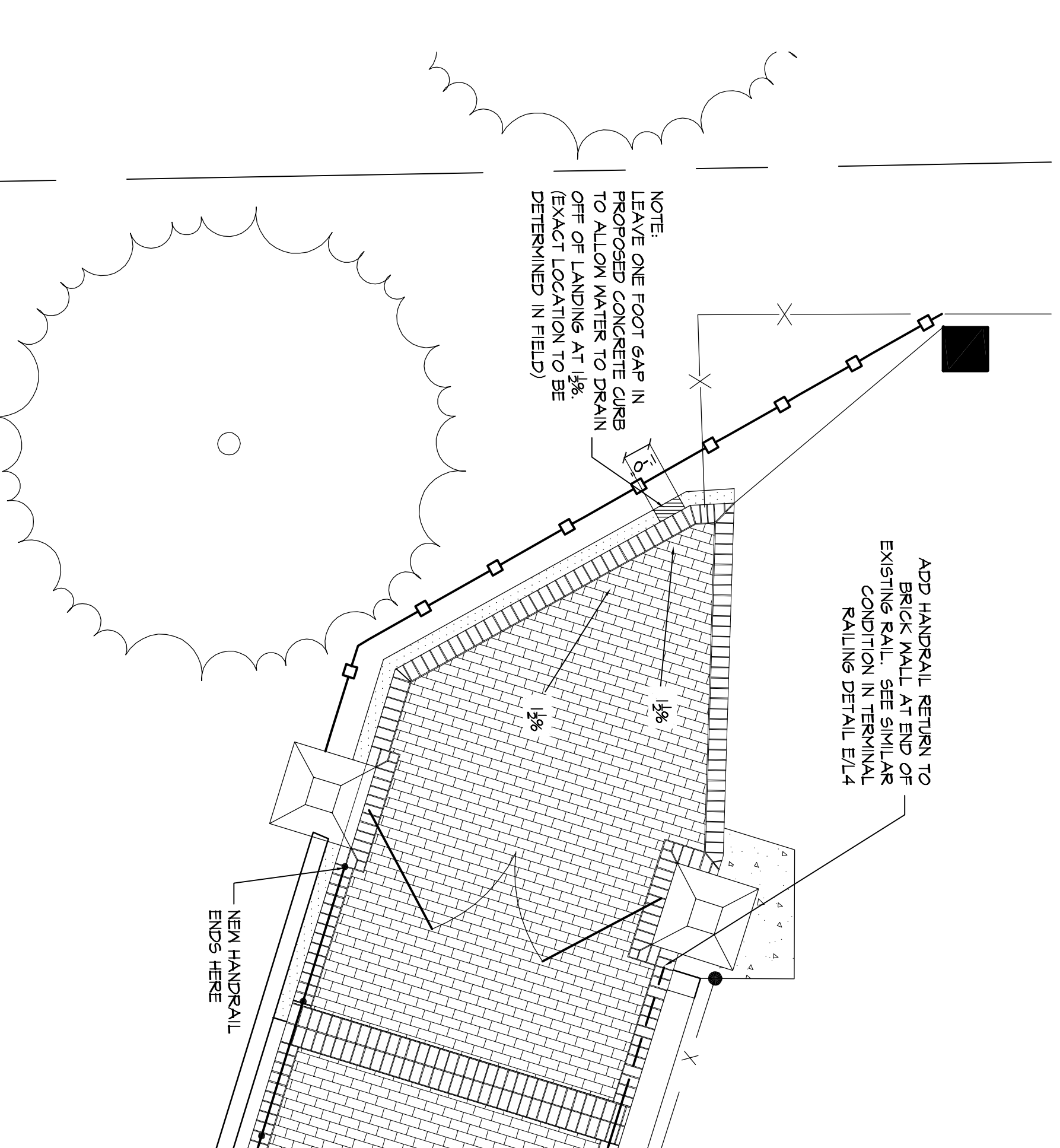
WHALEY STREET (SCDOT - local)



WHALEY STREET ENTRANCE PLAN

GENERAL NOTES

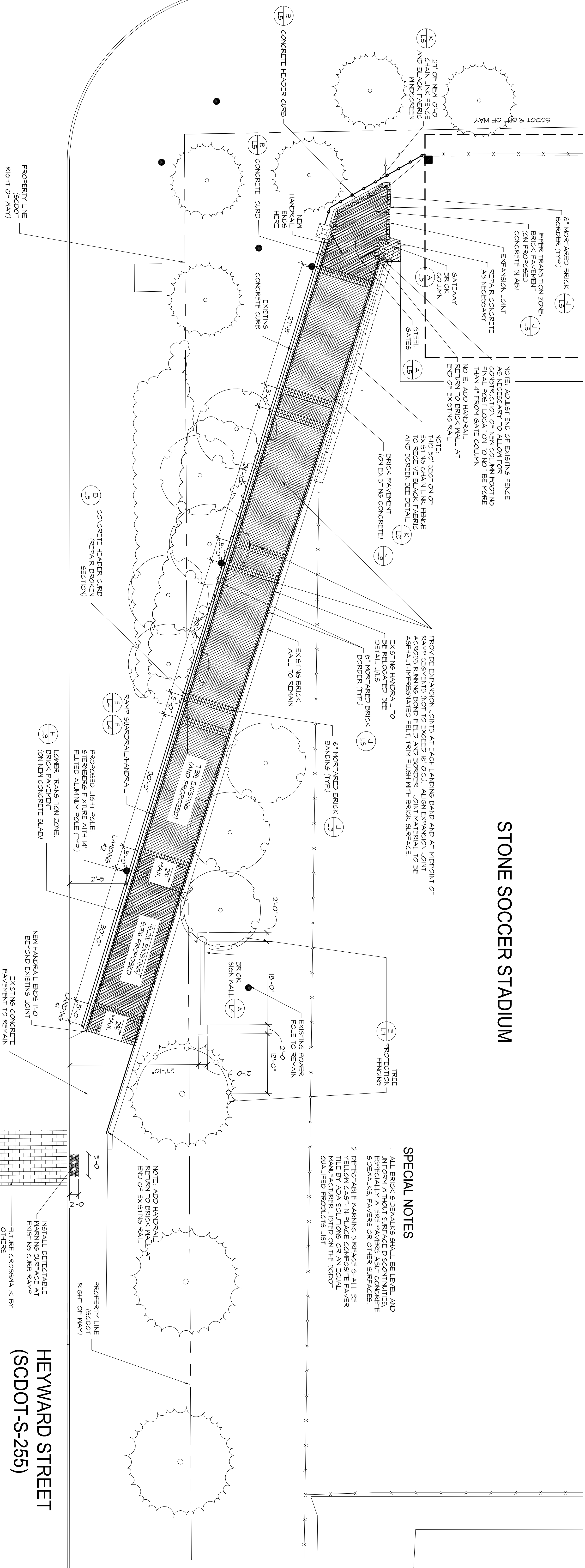
1. EXISTING ECOLOGY AND AESTHETICS WILL OFTEN CAUSE ADJUSTMENT OF THESE PLANS TO FIT THE SITE. SCHEDULE "B" OF THE CONTRACTOR AND ADJUSTMENT BY THE LANDSCAPE ARCHITECT IS ESSENTIALLY NECESSARY.
2. LOCATIONS OF THOSE UTILITIES SHOWN ARE APPROXIMATE AND FOR INFORMATION ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES FROM RECORD PLANS AND ALL DAMAGE RESULTING FROM THE FAILURE TO DO SO. CONTRACTOR SHALL NOTIFY PROTECTION SERVICE AT 1-888-121-1871 AT LEAST 72 HOURS PRIOR TO COMMENCING CONSTRUCTION.
3. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IF PROPOSED DESIGN IS IN CONFLICT WITH EXISTING OR PROPOSED UTILITIES. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY UTILITIES NOT SHOWN ON RECORD PLANS. PROPOSED DESIGN OR UTILITIES AS NECESSARY TO RESOLVE CONFLICTS AND ASSOCIATED DATED 08/08/09 BY 41.2007.
4. BASE PLAN DATA DERIVED FROM SITE SURVEY PROVIDED BY BR BANGBEE.



WHALEY STREET ENTRANCE - DETAIL PLAN

SCALE: 1/4" = 1'

SUMTER STREET (SCDOT-S-177)



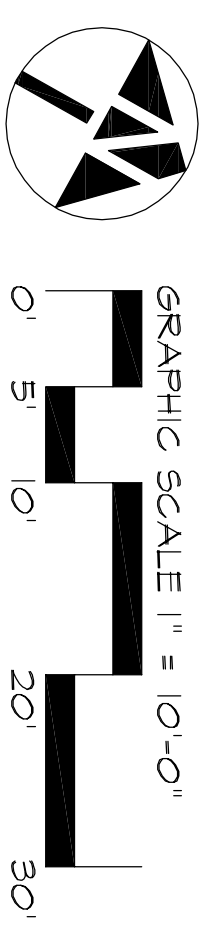
HEYWARD STREET ENTRANCE PLAN

STONE SOCCER STADIUM

SPECIAL NOTES

1. ALL BRICK SPECIALS SHALL BE LISTED AND APPROVED BY THE ARCHITECT. SPECIALS SHALL BE LISTED ESPECIALLY WHERE PAVERS ABUT CONCRETE SIDEWALKS, PAVERS OR OTHER SURFACES.
2. DETECTABLE MARKING SURFACE SHALL BE TILE BY ADA SOLUTIONS OR AN EQUAL QUALIFIED PRODUCTS LIST.

HEYWARD STREET (SCDOT-S-255)



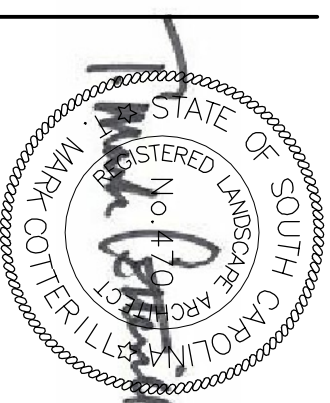
Drawing No: SKC
 Checked by: TMG
 Date: 2/1/12
L-2
 Sheet No. 2 OF 12



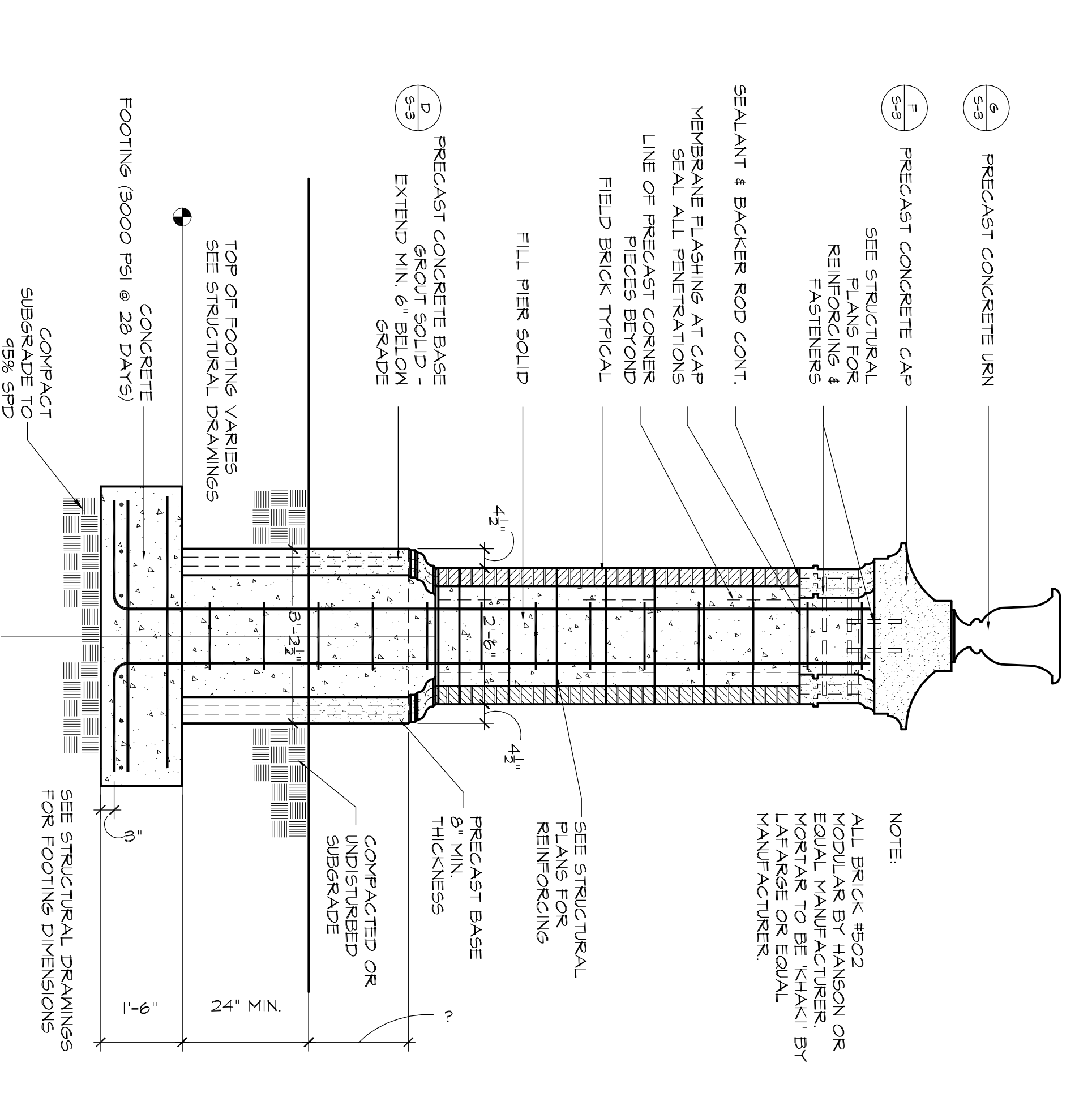
RENOVATE CONCOURSE ENTRIES AT STONE STADIUM
 LAYOUT AND DIMENSIONING PLAN AND DETAIL KEY
 Project Number H27-1967

LANDSCAPE ARCHITECTS & LAND PLANNERS 600 BELTUNE BOULEVARD COLUMBIA, SC 29205 (803) 738-9525

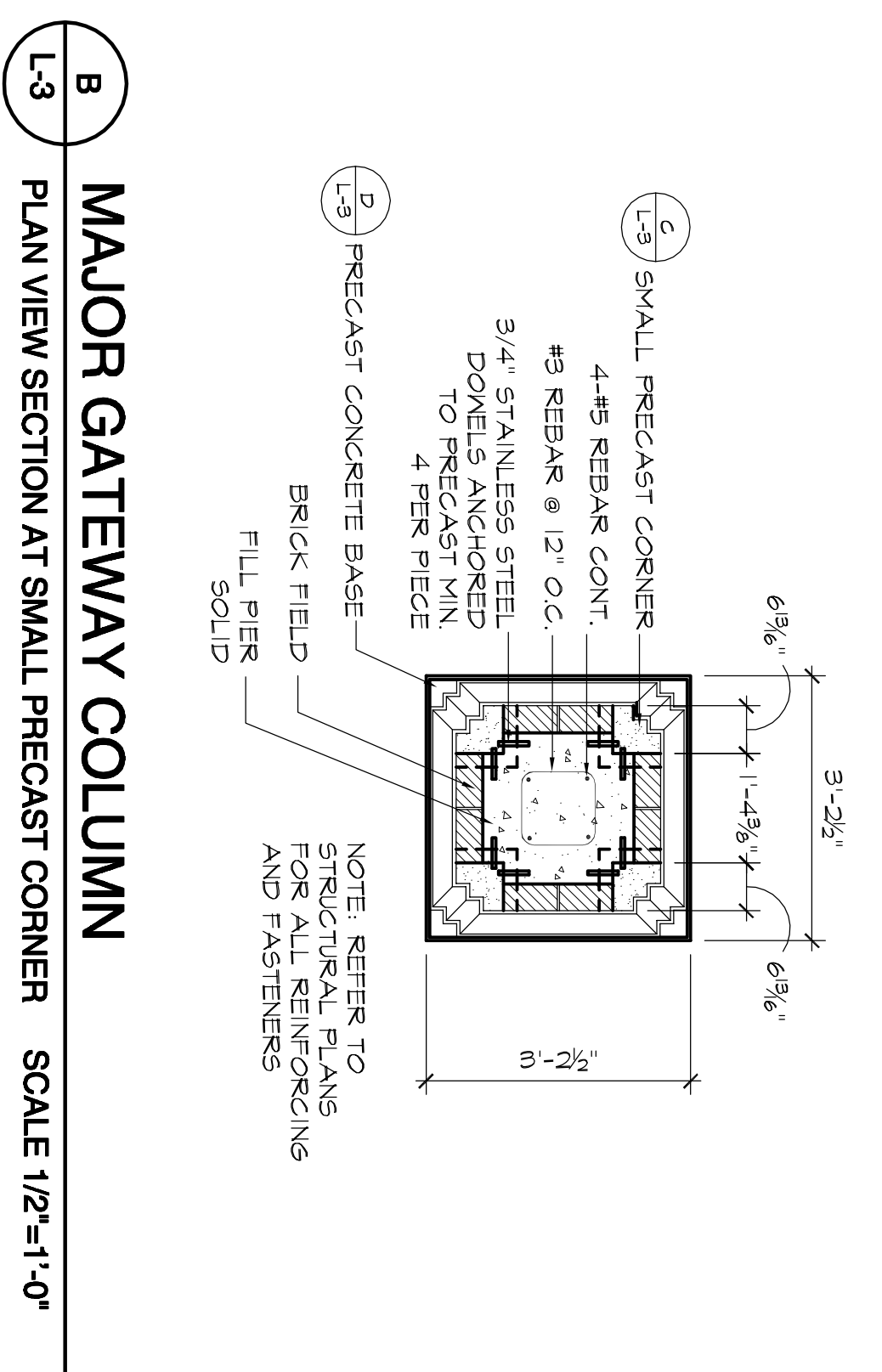
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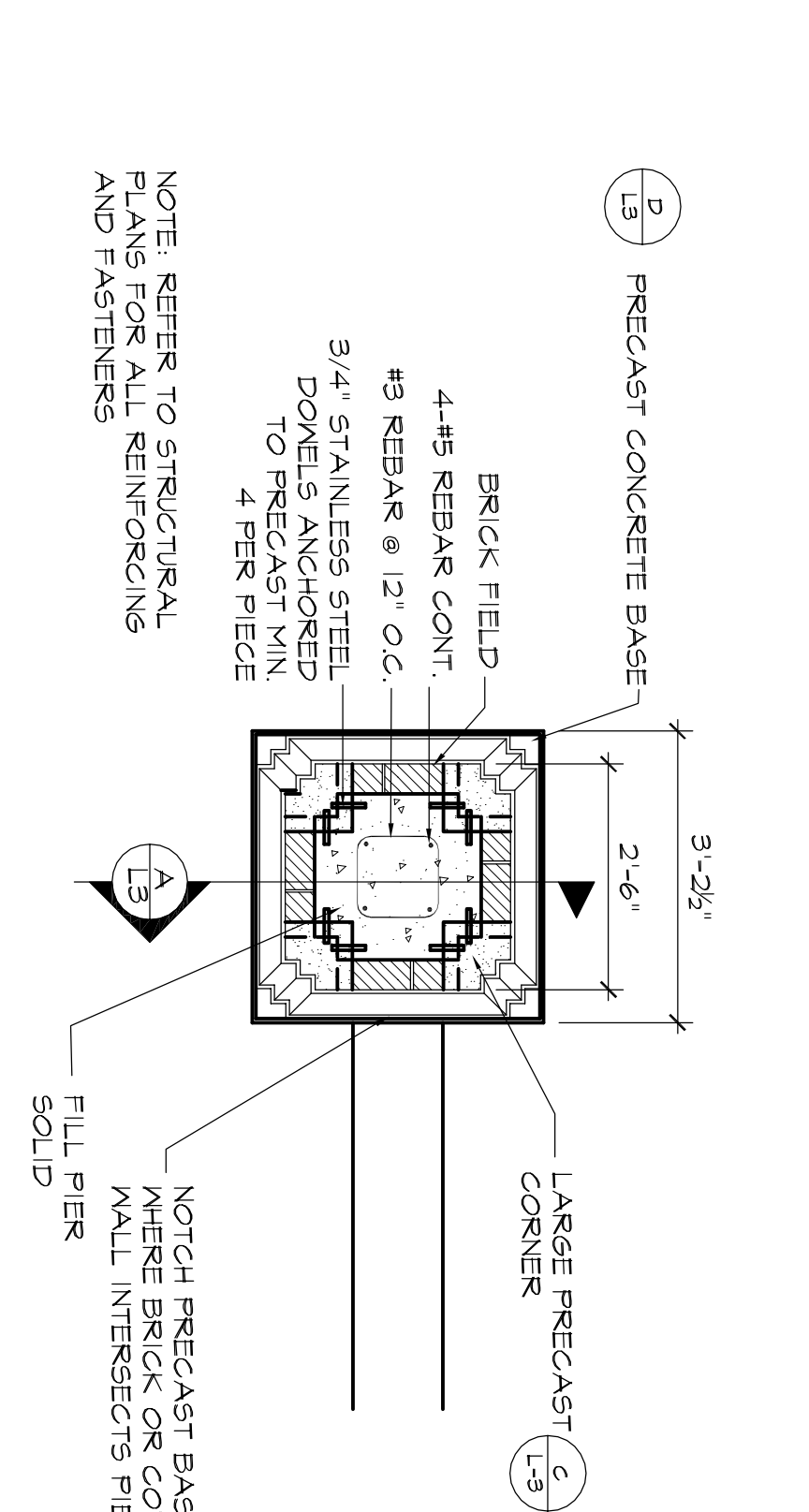
Date	Revisions



A MAJOR GATEWAY COLUMN
 L-3 SECTION PLAN VIEW SECTION AT LARGE PRECAST CORNER
 SCALE 1/2"=1'-0"



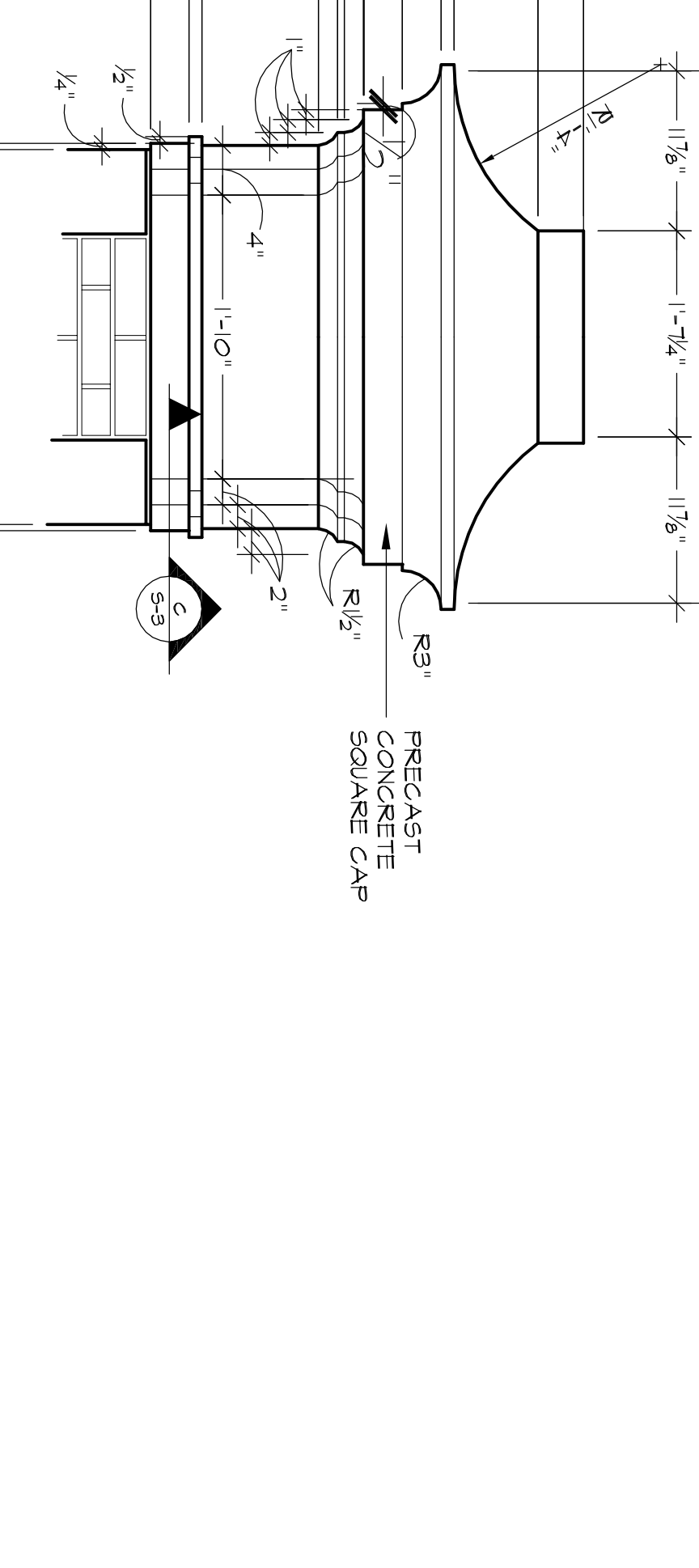
B MAJOR GATEWAY COLUMN
 L-3 SECTION PLAN VIEW SECTION AT SMALL PRECAST CORNER
 SCALE 1/2"=1'-0"



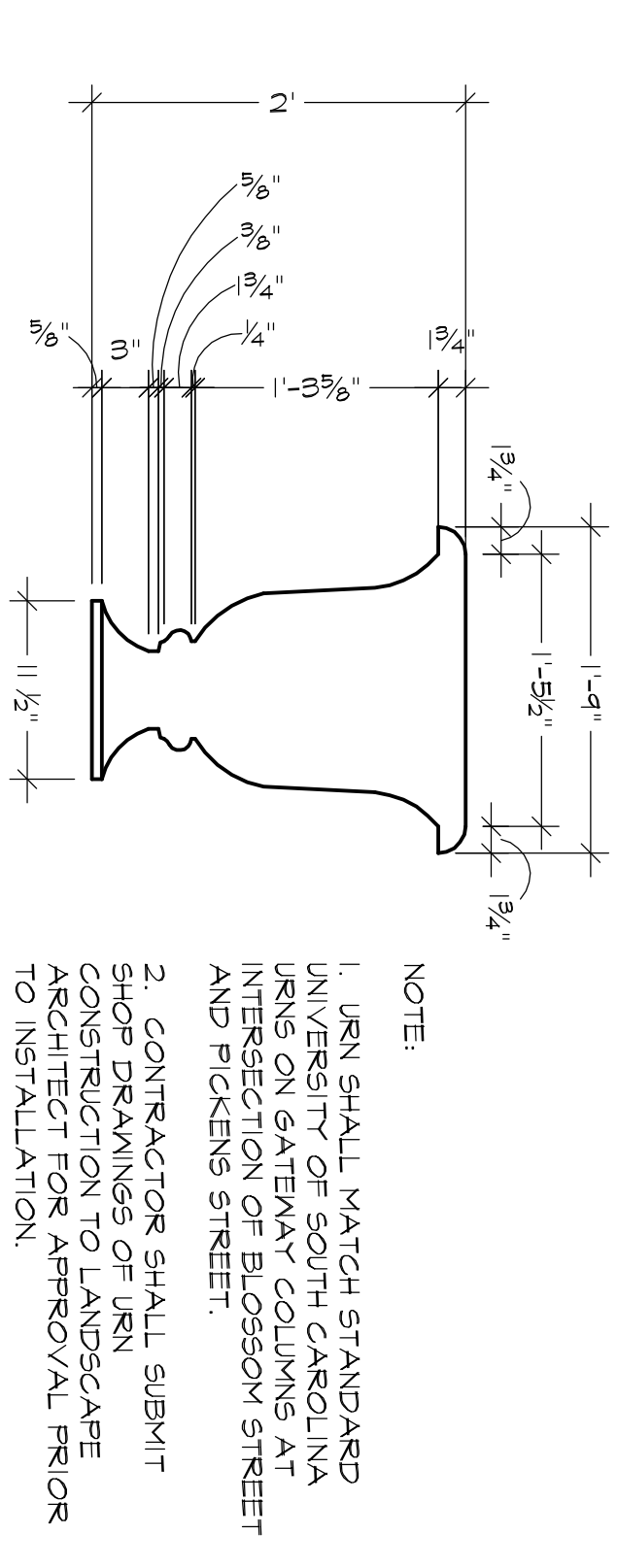
C PRECAST CONCRETE CORNER
 L-3 SECTION MAJOR GATEWAY COLUMN - PLAN
 SCALE 1'-1'-0"



D PRECAST CONCRETE BASE
 L-3 SECTION MAJOR GATEWAY COLUMN - PLAN-SECTION
 SCALE: 1'-1'-0"



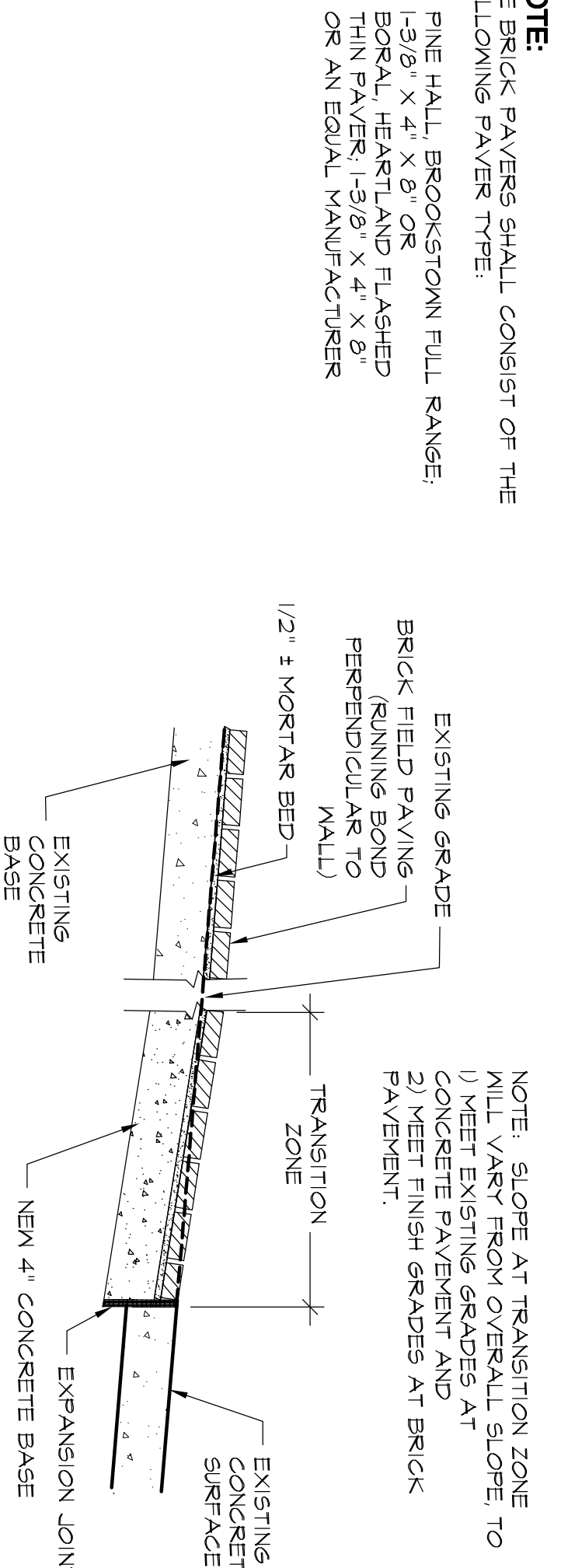
E MAJOR GATEWAY COLUMN
 L-3 SECTION PLAN VIEW SECTION AT LARGE PRECAST CORNER
 SCALE 1/2"=1'-0"



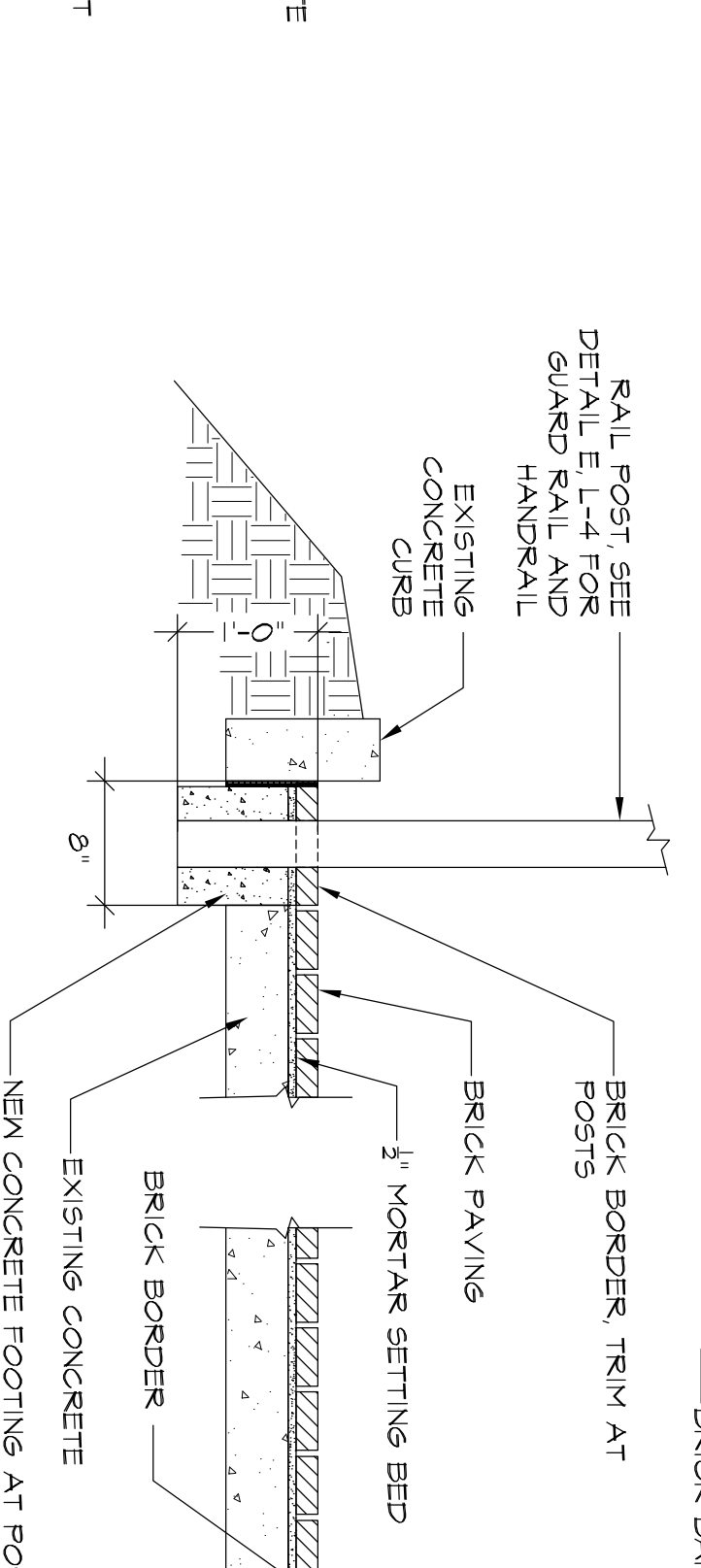
G PRECAST CONCRETE URN
 L-3 SECTION
 SCALE 1"=1'-0"



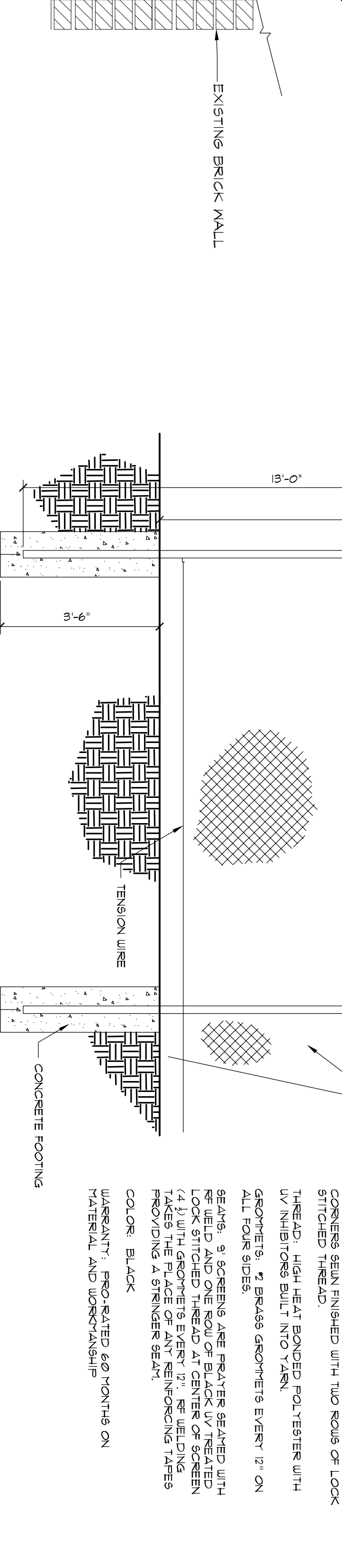
H HEYWARD STREET RAMP LOWER TRANSITION
 L-3 SECTION
 SCALE 1"=1'-0"



I WHALEY STREET RAMP LOWER TRANSITION
 L-3 SECTION
 SCALE: 1"=1'-0"



J BRICK BORDER AND FIELD PAVEMENT
 L-3 SECTION
 SCALE: 1"=1'-0"



K 10' GALVANIZED CHAIN LINK FENCE DETAIL
 L-3 SECTION
 SCALE 1/2"=1'-0"

Date	Revisions



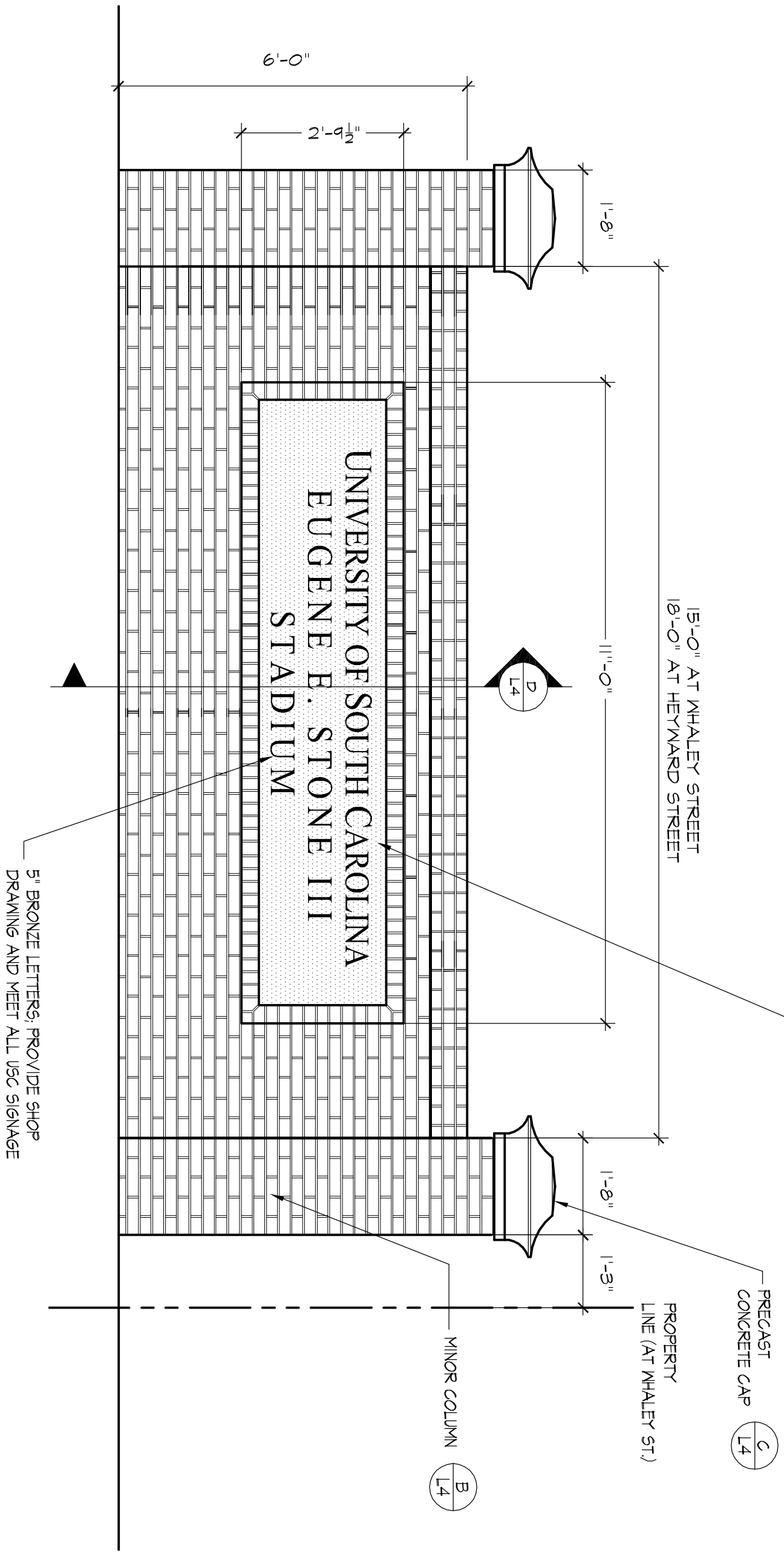
EUGENE E. STONE III STADIUM
 SITE DETAILS
 Project Number H27-1967

LANDSCAPE ARCHITECTS & LAND PLANNERS 600 BELTLINE BOULEVARD COLUMBIA, SC 29205 (803) 738-9525

Drawn by: SKC
 Checked by: TYC
 Date: 2/11/12
 Drawing No. L-3
 Sheet No. 3 OF 12

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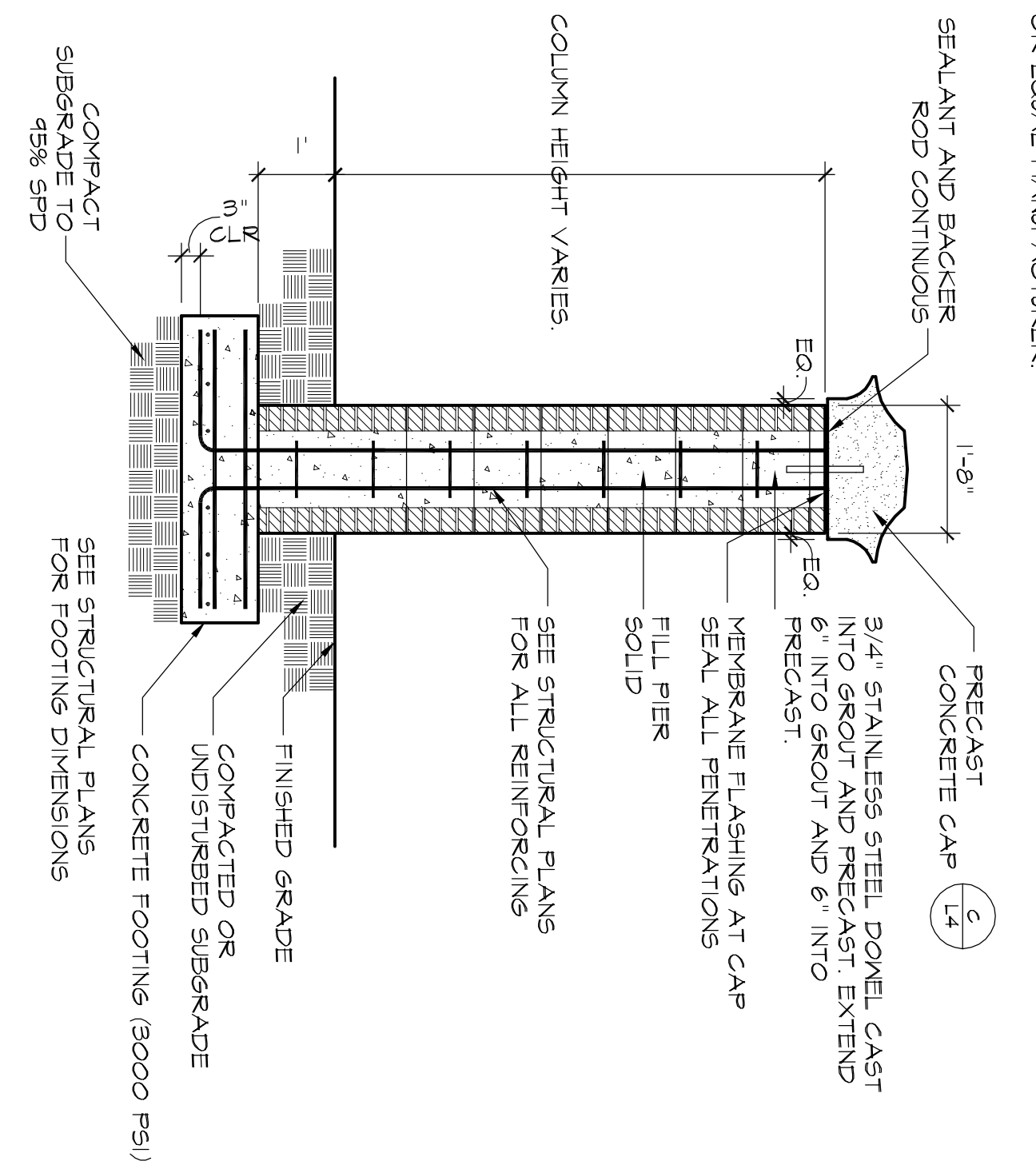
NOTE:
ALL BRICK FOR WALLS TO BE #302 MODULAR BY HANSON OR EQUAL MANUFACTURER. MORTAR TO BE MIKANI BY LAFARGE OR EQUAL MANUFACTURER.



A
L4
ELEVATION
BRICK SIGN WALL

SCALE 1/2"=1'-0"

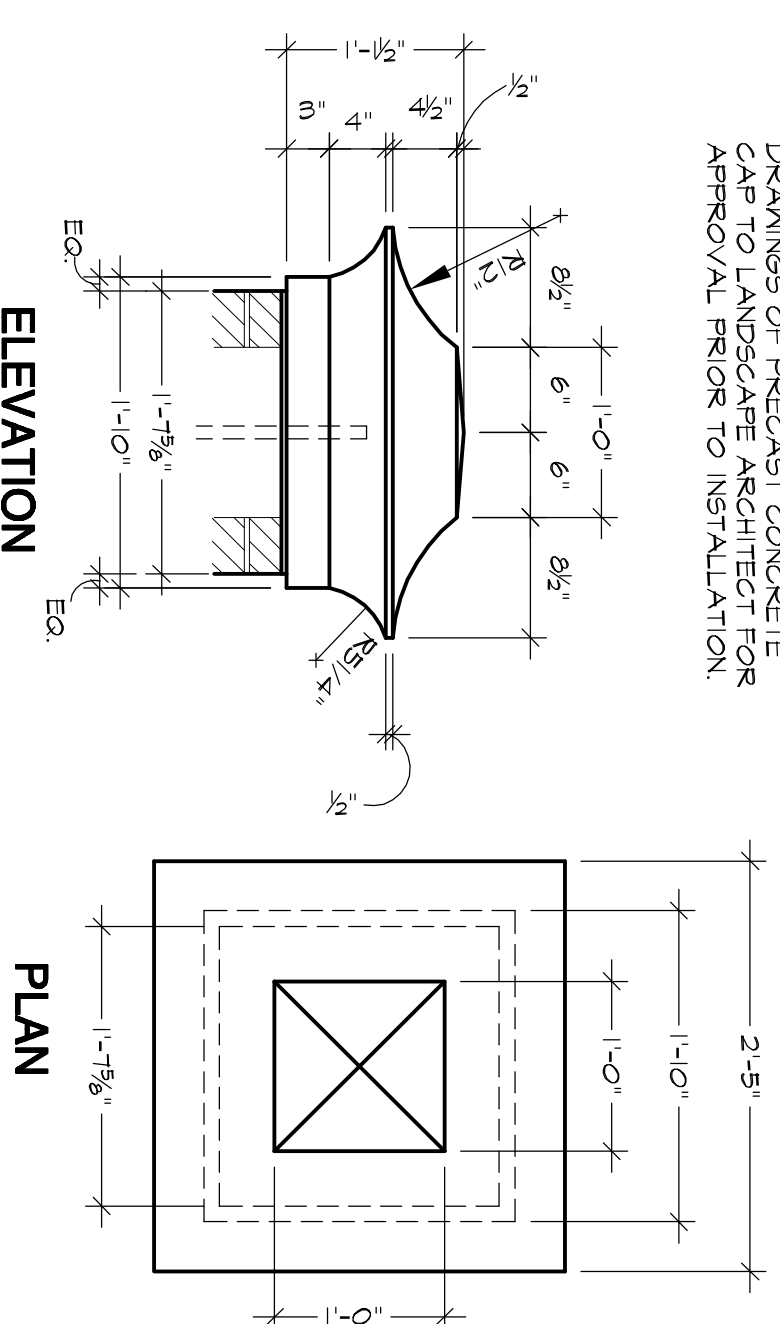
NOTE:
ALL BRICK FOR WALLS TO BE #302 MODULAR BY HANSON OR EQUAL MANUFACTURER. MORTAR TO BE MIKANI BY LAFARGE OR EQUAL MANUFACTURER.



B
L4
SECTION
MINOR COLUMN

SCALE 1/2"=1'-0"

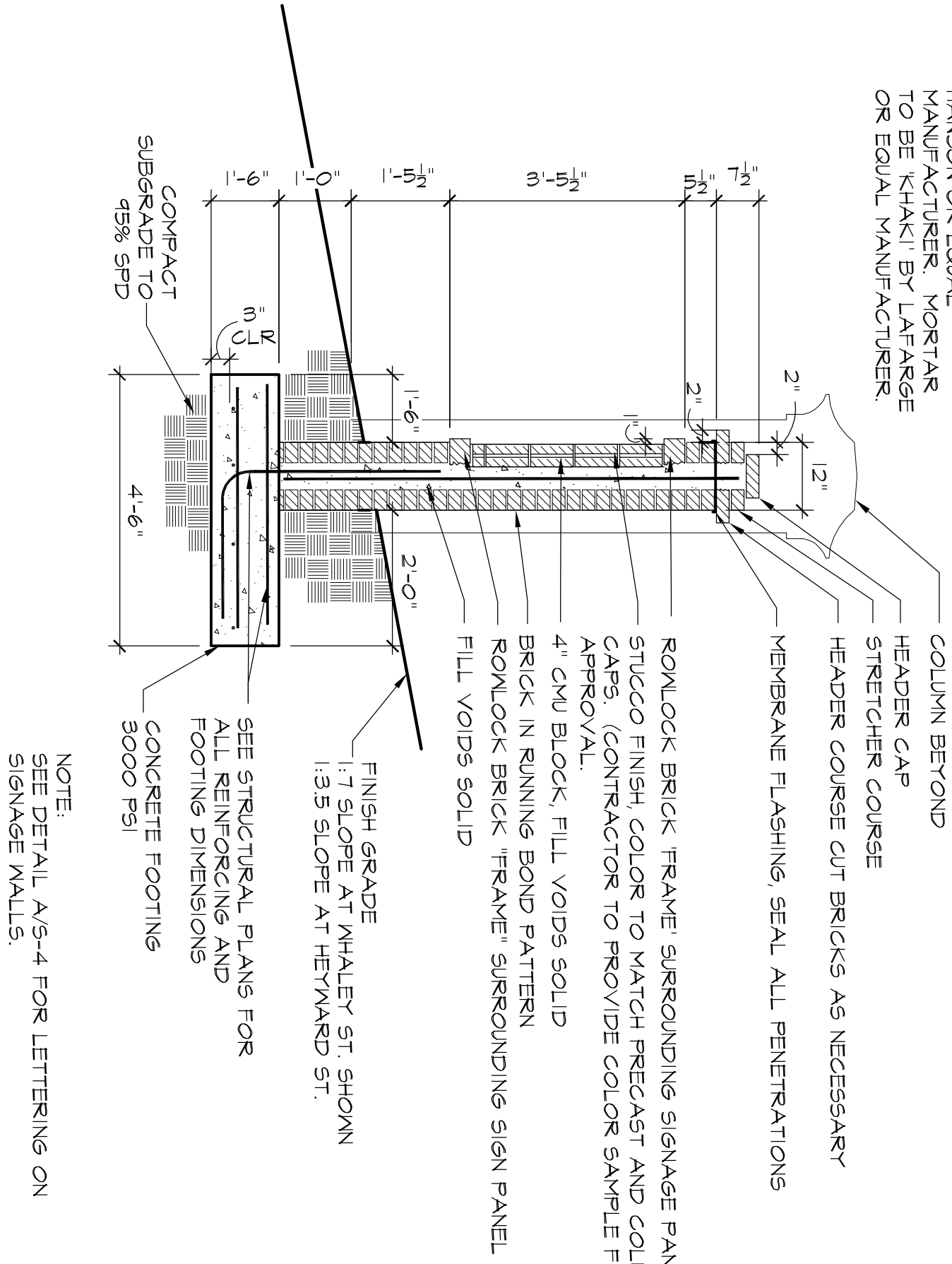
NOTE:
1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND ASSEMBLY DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION.



C
L4
SECTION
PRECAST CONCRETE CAP

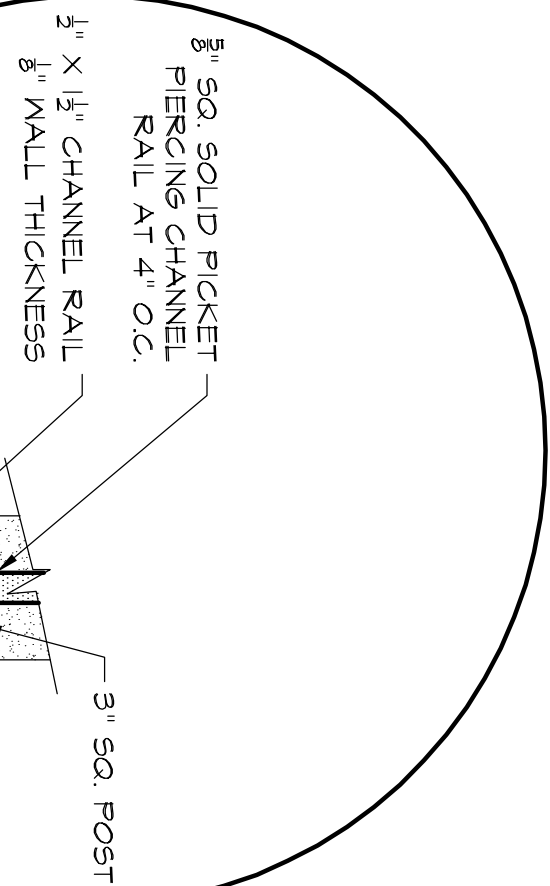
SCALE 1"=1'-0"

NOTE:
ALL BRICK FOR WALLS TO BE #302 MODULAR BY HANSON OR EQUAL MANUFACTURER. MORTAR TO BE MIKANI BY LAFARGE OR EQUAL MANUFACTURER.

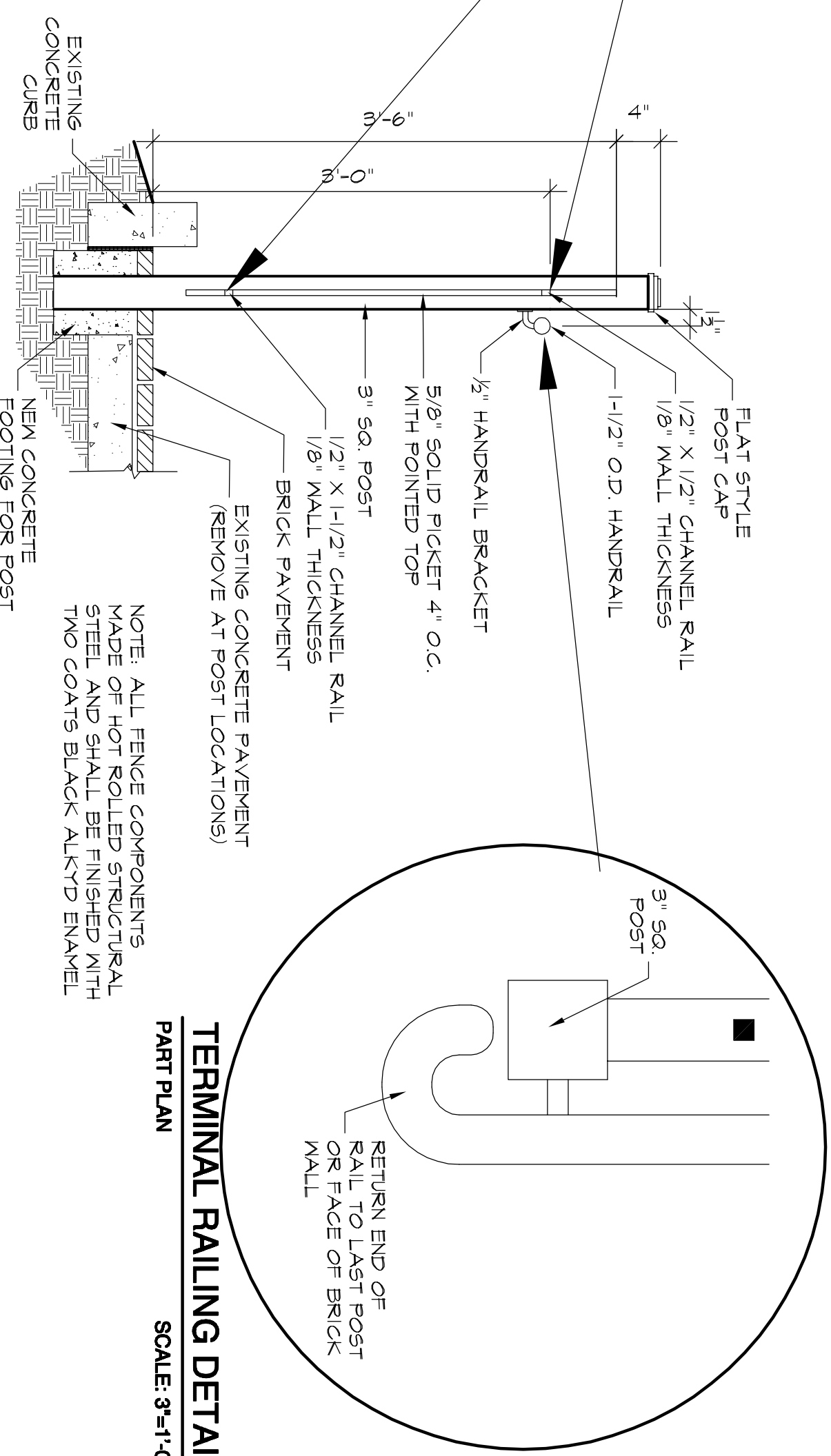


D
L4
SECTION
BRICK SIGN WALL

SCALE 1/2"=1'-0"

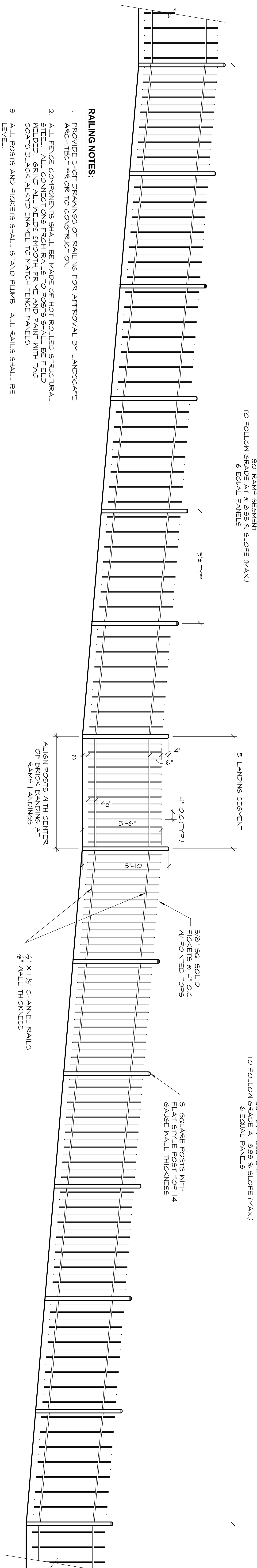


PICKET DETAIL
SCALE 3/4"=1'-0"



E
L4
SECTION
RAMP GUARD RAIL WITH HANDRAIL

SCALE 3/4"=1'-0"



RAILING NOTES:

1. PROVIDE SHOP DRAWINGS OF RAILING FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
2. ALL FENCE COMPONENTS SHALL BE MADE OF HOT ROLLED STRUCTURAL STEEL. ALL CONNECTIONS FROM RAILS TO POSTS SHALL BE FIELD COATS BLACK ALKALD ENAMEL TO MATCH FENCE PANELS.
3. ALL POSTS AND PICKETS SHALL STAND PLUMB. ALL RAILS SHALL BE LEVEL.

F
L4
ELEVATION
RAMP GUARD RAIL AT HEYWARD STREET

SCALE 1/2"=1'-0"

Date	Revisions



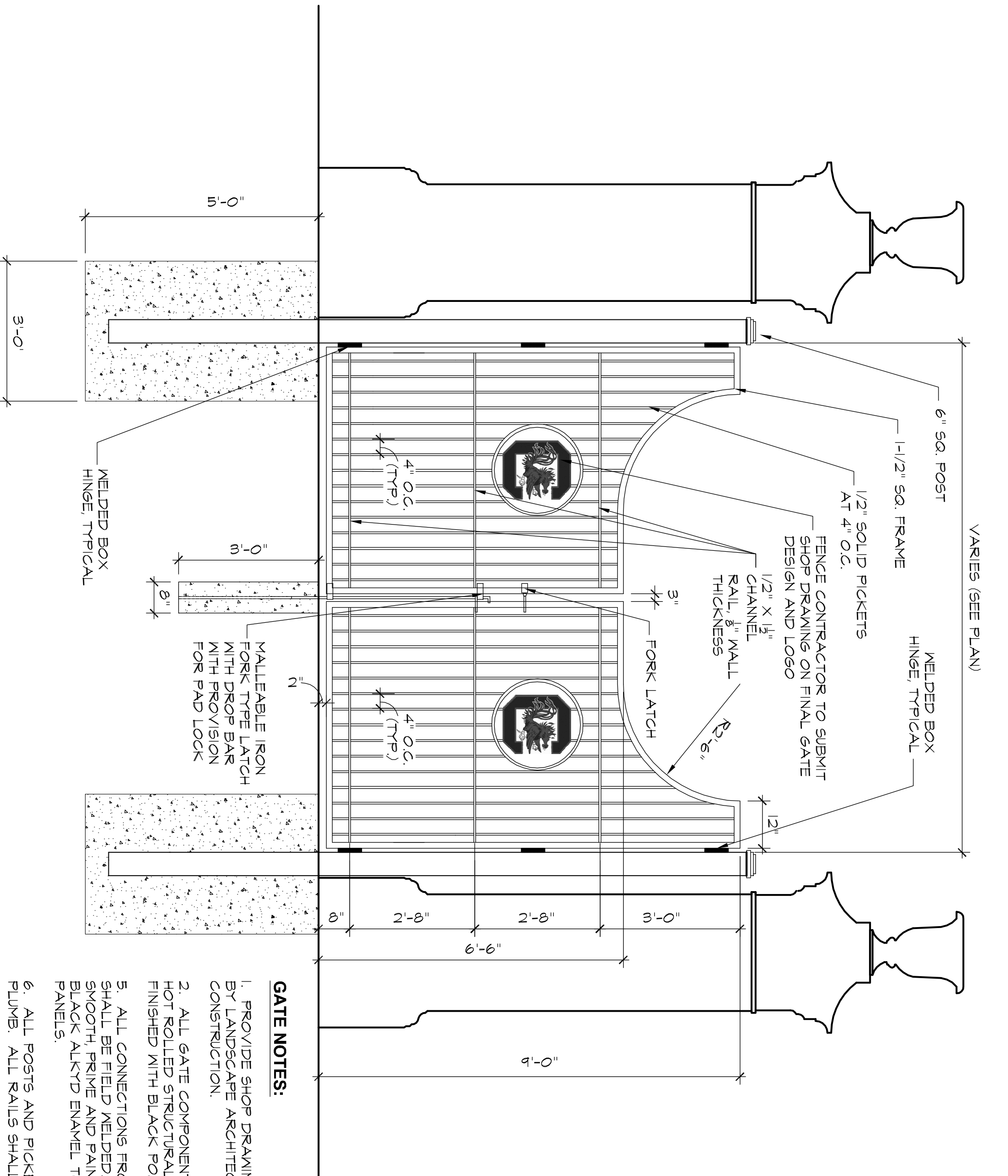
GRIMBALL & ASSOCIATES
COTTERILL

EUGENE E. STONE III STADIUM
SITE DETAILS
Project Number H27-1967

LANDSCAPE ARCHITECTS & LAND PLANNERS 600 BELTLINE BOULEVARD COLUMBIA, SC 29205 (803) 738-9525

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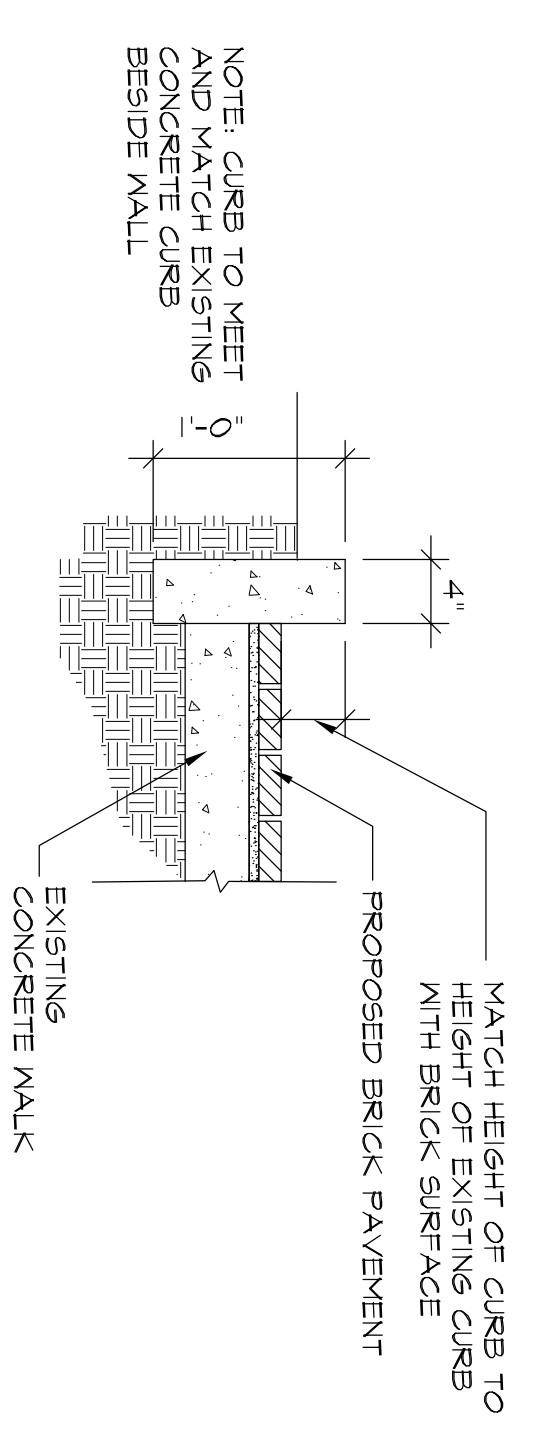
Drawn by: SKC
Checked by: TYC
Date: 2/1/12
Drawing No.
L-4
Sheet No. 4 OF 12



- GATE NOTES:**
1. PROVIDE SHOP DRAWINGS FOR APPROVAL BY CONTRACTOR AND ARCHITECT PRIOR TO CONSTRUCTION.
 2. ALL GATE COMPONENTS SHALL BE MADE OF 304 STAINLESS STEEL.
 3. ALL GATE COMPONENTS SHALL BE FINISHED WITH BLACK POWDER-COATING.
 4. ALL CONNECTIONS FROM RAILS TO POSTS SHALL BE FIELD WELDED BRIND TIG WELDS. SMOOTH PRIME AND PAINT WITH TWO COATS BLACK ALKTD ENAMEL TO MATCH FENCE PANELS.
 5. ALL POSTS AND PICKETS SHALL STAND PLUMB. ALL RAILS SHALL BE LEVEL.

A
L-5
ELEVATION

SCALE: 1/2"=1'-0"



B
L-5
ELEVATION

CONCRETE HEADER CURB

SCALE: 1"=1'-0"

Date	Revisions



EUGENE E. STONE III STADIUM
SITE DETAILS
Project Number H27-1967

GRIMBALL & ASSOCIATES
COTTERILL

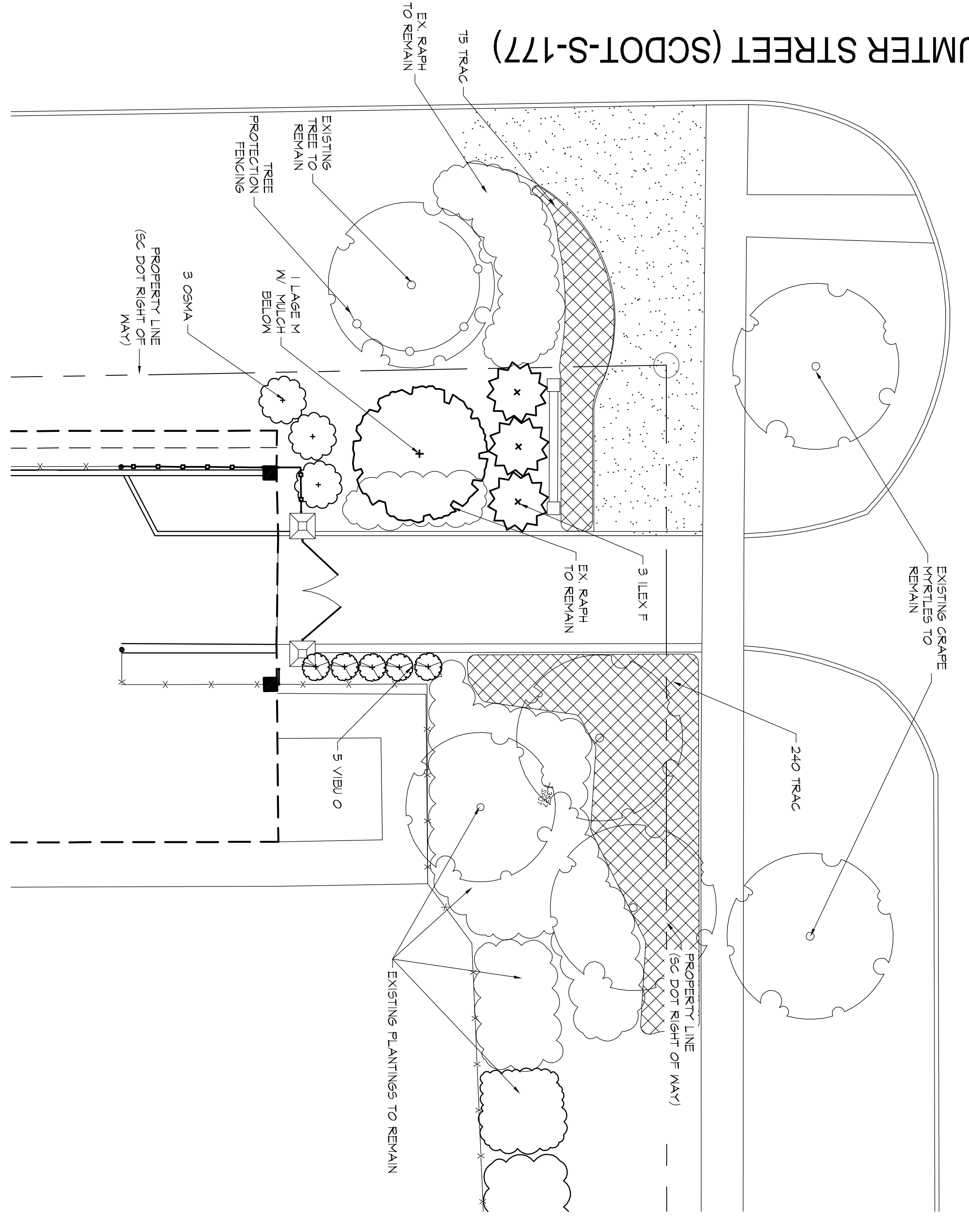
LANDSCAPE ARCHITECTS & LAND PLANNERS 600 BELTUNE BOULEVARD COLUMBIA, SC 29205 (803) 738-9525

Drawn by: SKC
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Date: 2/1/12
Drawing No.

Sheet No. 5 OF 12
L-5

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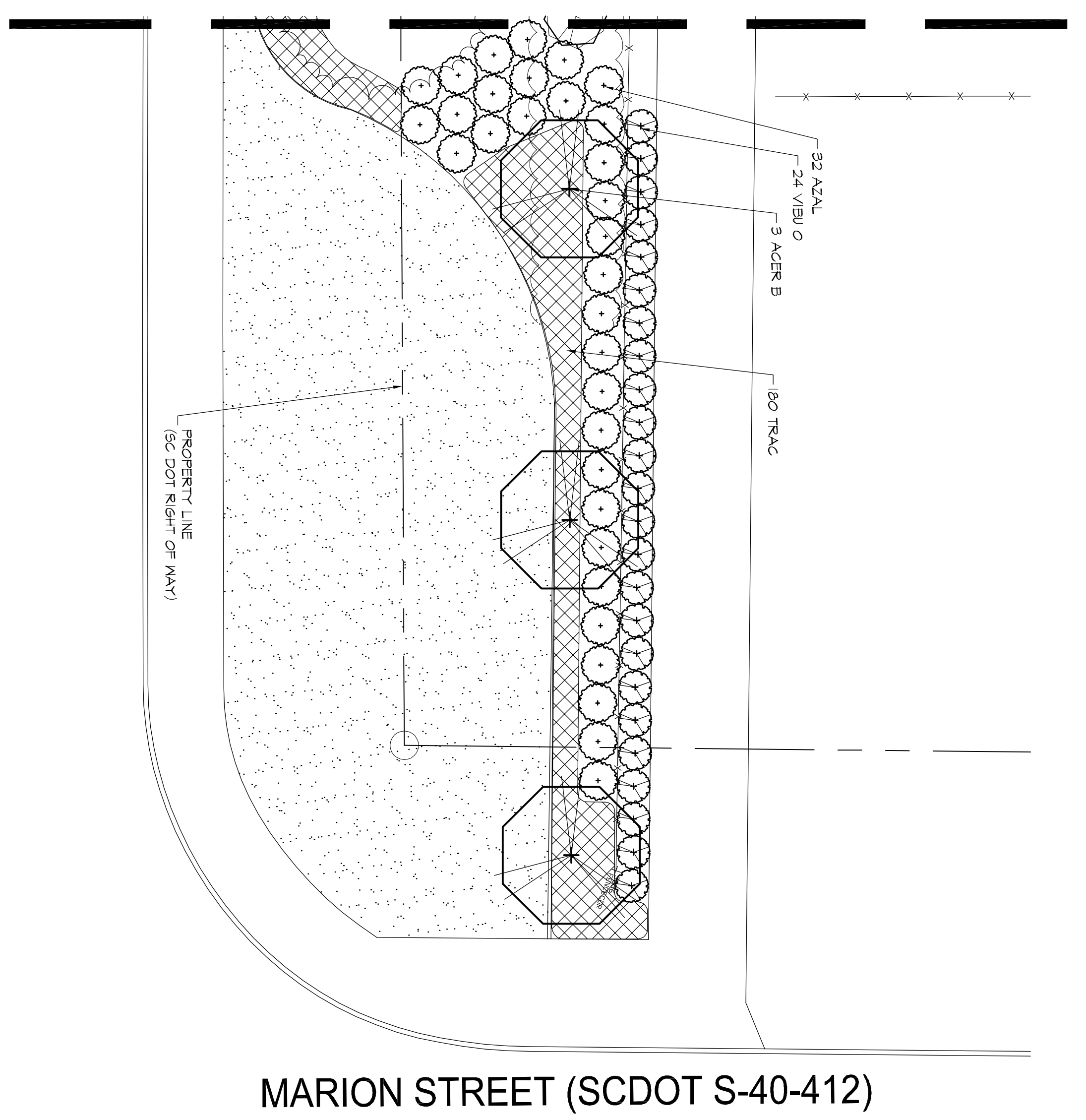
WHALEY STREET (SCDOT - local)



SUMTER STREET (SCDOT-S-177)

WHALEY STREET ENTRANCE PLAN

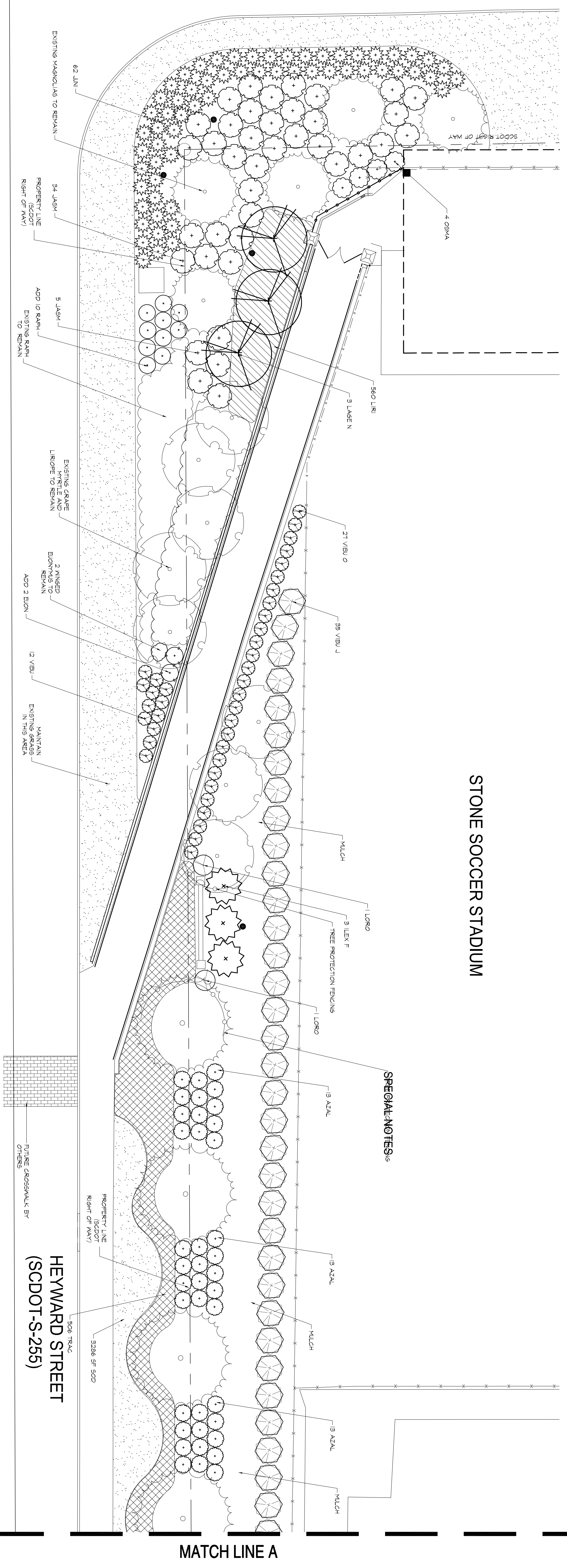
MATCH LINE A



GENERAL NOTES

1. EXISTING ECOLOGY AND AESTHETICS WILL OBTAIN CAUSE ADJUSTMENT OF THESE PLANS TO FIT THE SITE. STAKE-OUT BY THE CONTRACTOR AND ADJUSTMENT BY THE LANDSCAPE ARCHITECT IS ABSOLUTELY NECESSARY.
2. LOCATIONS OF UTILITY SHOWN ARE APPROXIMATE AND FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION OF ALL UTILITIES WHETHER SHOWN OR NOT SHOWN ON THESE PLANS. THE SHOWN UTILITY DEPT. SHALL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM THE SHOWN UTILITY DEPT. ALL DAMAGE SHALL BE REPAIRED AT THE CONTRACTOR'S RISK AND EXPENSE AT LEAST 12 HOURS PRIOR TO COMMENCING CONSTRUCTION.
3. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IF PROPOSED DESIGN IS IN CONFLICT WITH EXISTING OR PROPOSED UTILITIES. CONTRACTOR SHALL COORDINATE WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION TO ADJUST PROPOSED DESIGN OR UTILITIES AS NECESSARY TO RESOLVE CONFLICTS.
4. BASE PLAN DATA DERIVED FROM SITE SURVEY PROVIDED BY SP BARBER AND ASSOCIATES DATED OCTOBER 4, 2007.

STONE SOCCER STADIUM



HEYWARD STREET ENTRANCE PLAN

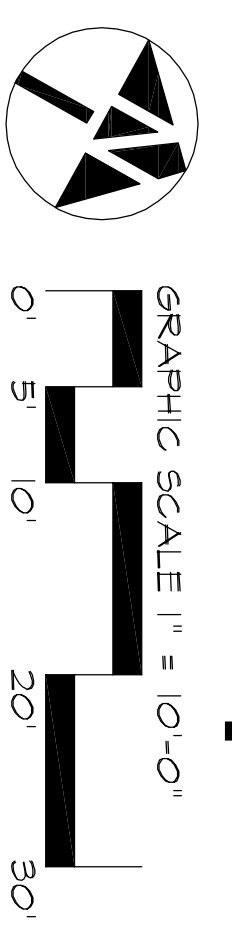
MATCH LINE A

GRIMBALL & ASSOCIATES
COTTERILL
LANDSCAPE ARCHITECTS & LAND PLANNERS
600 BELTLINE BOULEVARD COLUMBIA, SC 29205 (803)738-9525

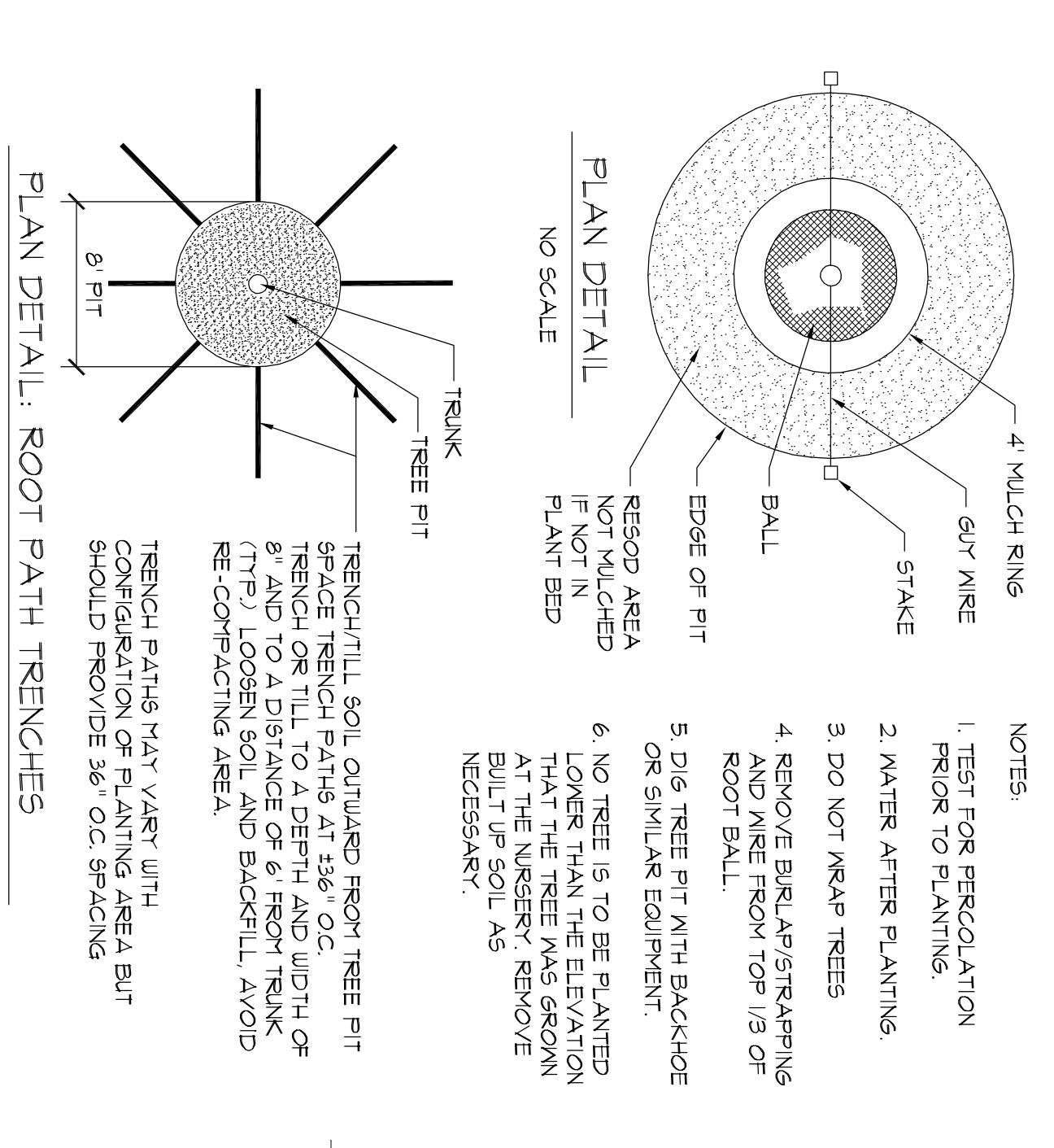
RENOVATE CONCOURSE ENTRIES AT STONE STADIUM
PLANTING PLAN
Project Number H27-1967



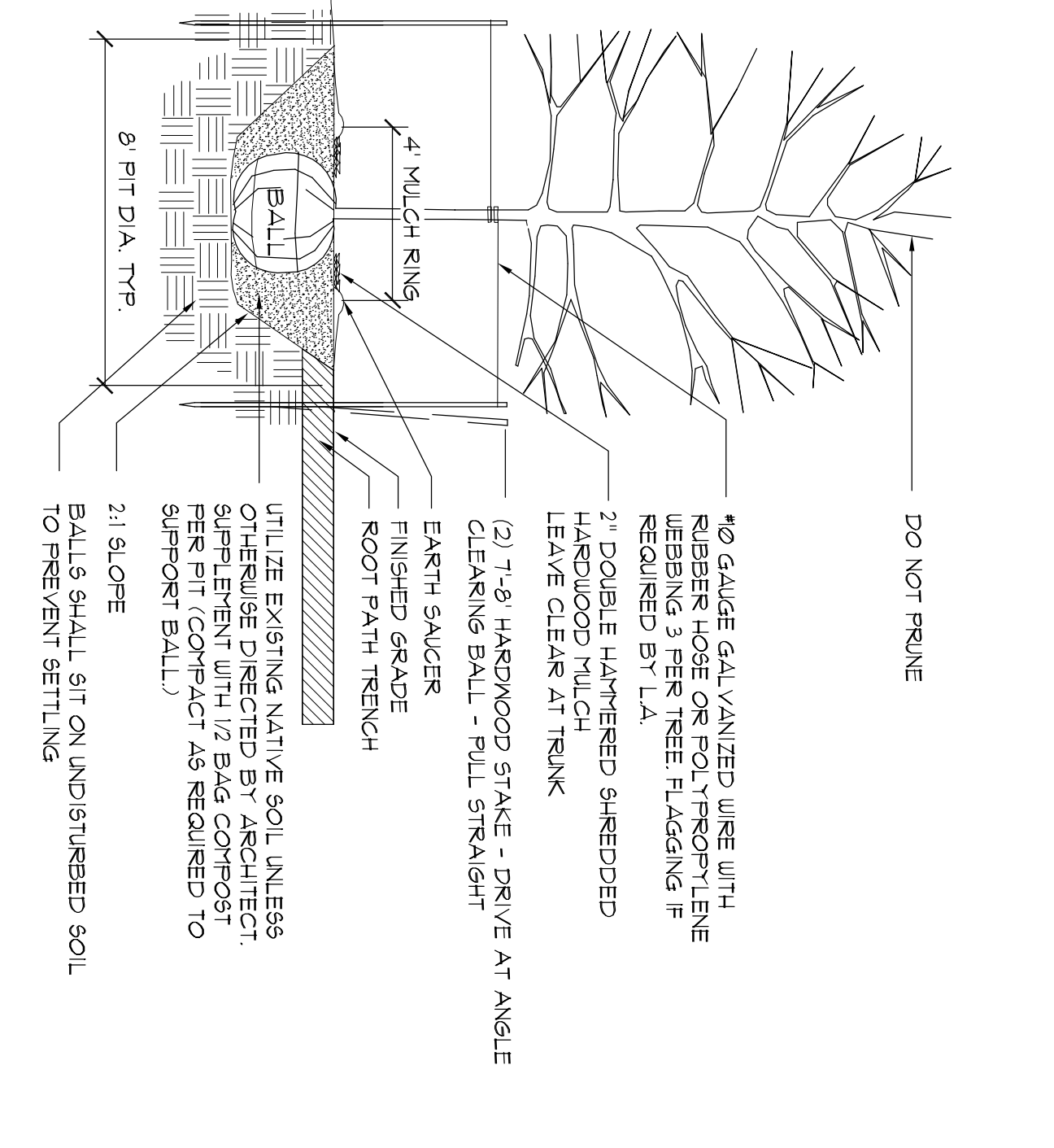
Date	Revisions



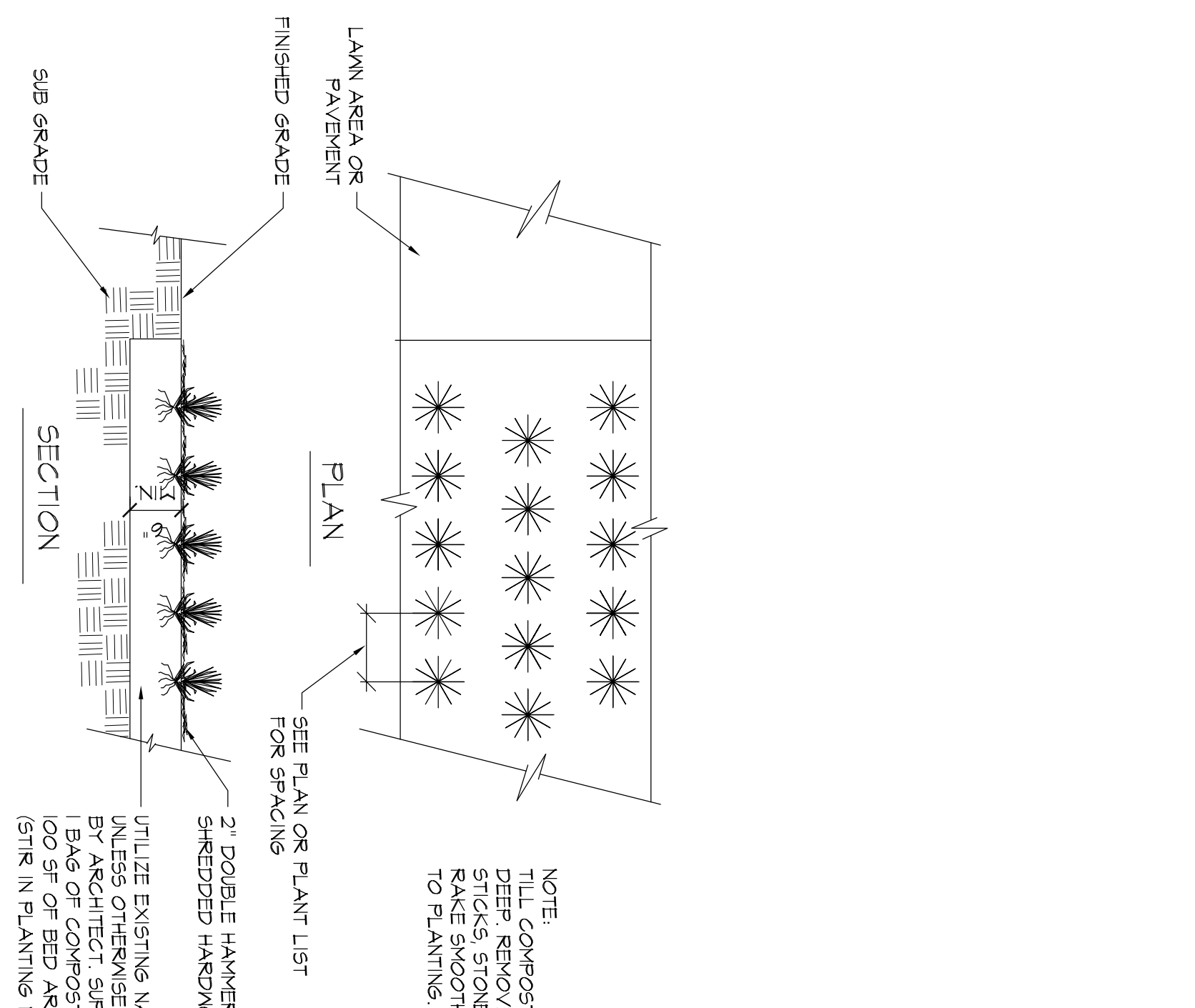
Sheet No. 6 OF 12
Drawing No. L-6
Date: 2/1/12
Checked by: TMC
Drawn by: SKC



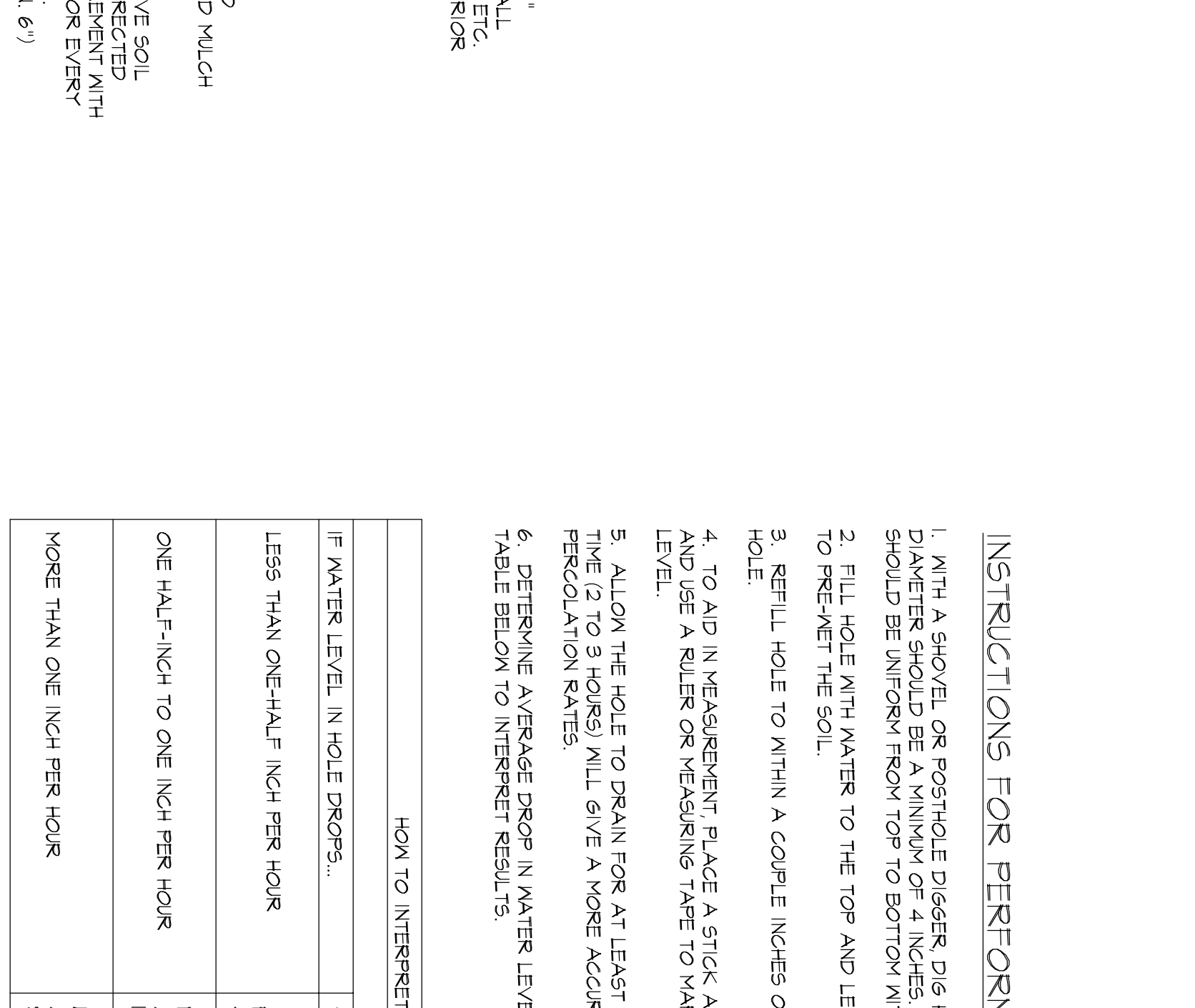
A TREE PLANTING AND STAKING
NOT TO SCALE



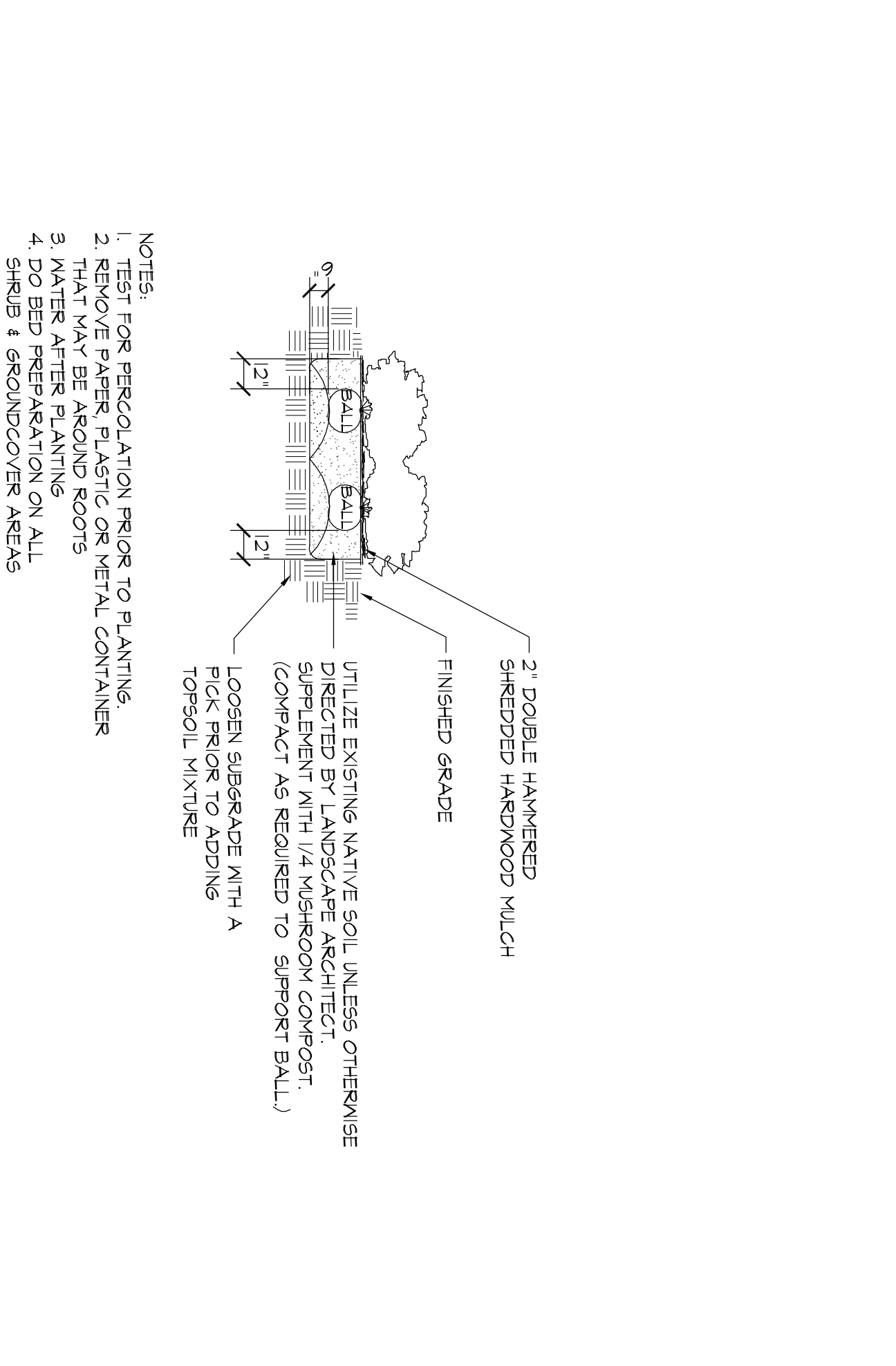
B SHRUB PLANTING
NOT TO SCALE



C TYPICAL GROUNDCOVER PLANTING
NOT TO SCALE



D PERCOLATION TEST
ISOMETRIC



E TREE PROTECTION FENCING
NOT TO SCALE

PLANT LIST	BOTANICAL NAME	COMMON NAME	WALKER SPREAD	MINOR HEIGHT	BALL DIA. (NO CANES)	COMMENTS	QTY
ABBR							
ACER B	ACER BUDERIANUM	TRIDENT MAPLE	4"	5'	6'	33"	1
ACER F	ACER X ATREYATA FOSTERI	FOSTER HOLLY	3-5'	3-5'	8'	21"	1
LAGE M	LABRSTROBIA MYRSOCOE	MYRSOCOE OCAFRICANA	1/2" EA	4-6'	0-1/2"	28"	3 MIN
LAGE N	LABRSTROBIA NATCHEZ	NATCHEZ OCAFRICANA	1/2" EA	4-6'	0-1/2"	28"	3 MIN
ACAL	AZALEA INDICA	INDICA AZALEA	24"	24"	3 GALL	3-5'	1
ELON	ELONNUS ALATA COMPACTUS	COMPACT RINGED ELONNUS	24"	24"	3 GALL	3-5'	2
JAKS	JAKSIMUM YESUM	FRICKOSE JASMINE	24"	24"	3 GALL	3-5'	34
JUN	JUNPERUS CONFERVA BLUE PACIFIC	SHRUB JUNPER	18"	24"	3 GALL	3-5'	62
LONO	LOBOPETALUM CHINENSE	LOBOPETALUM	24"	24"	3 GALL	3-5'	2
OSMA	OSMANTHUS FRAGRANS	FRAGRANT TEA OLIVE	24"	24"	3 GALL	3-5'	7
RAN	RANUNCULUS INDICA ALBA	INDIAN HAWTHORN	18"	18"	3 GALL	3-5'	10
VIBU J	VIBURNUM JAPONICUM	JAPANESE VIBURNUM	36"	5'	15 GALL	1	35
VIBU N	VIBURNUM OBOVATUM 'KING SHILLINGS DELIGHT'	'KING SHILLINGS DELIGHT' VIBURNUM	24"	24"	3 GALL	3-5'	68
LIRI	LIRIOPE MISCARII 'GIANT'	'GIANT' LIRIOPE					160
TRAG	TRACHYLODERMUM ASIATICUM	ASIATIC JASMINE					100
SOP	SYNODON DACTYLON	BERMUDA GRASS - TIFFINAY 418					3286 SF

INSTRUCTIONS FOR PERFORMING A PERCOLATION TEST	PERCOLATION TEST HOLE								
1. WITH A SHOVEL, OR POSTHOLE DIGGER, DIG HOLE 18" TO 24" DEEP. HOLE DIAMETER SHOULD BE A MINIMUM OF 4 INCHES. THE DIAMETER OF THE HOLE SHOULD BE UNIFORM FROM TOP TO BOTTOM WITH THE BOTTOM BEING FLAT.									
2. FILL HOLE WITH WATER TO THE TOP AND LET STAND FOR AT LEAST AN HOUR TO PRE-WET THE SOIL.									
3. REMOVE WATER. REMOVE PLANT A STICK ACROSS THE TOP OF THE HOLE AND MAKE A RIDGE OR 'DAM' TO HOLD WATER TO PREVENT DROPS IN WATER LEVEL.									
4. TO AID IN WATER-RETENTION PLACE A STICK ACROSS THE TOP OF THE HOLE AND MAKE A RIDGE OR 'DAM' TO HOLD WATER TO PREVENT DROPS IN WATER LEVEL.									
5. ALLOW THE HOLE TO DRAIN FOR AT LEAST ONE HOUR. A LONGER PERIOD OF TIME TO 3 HOURS WILL GIVE A MORE ACCURATE READING OF AVERAGE PERCOLATION RATES.									
6. DETERMINE AVERAGE DROP IN WATER LEVEL PER HOUR AND REFER TO THE TABLE BELOW TO INTERPRET RESULTS.									
	<table border="1"> <thead> <tr> <th>HOW TO INTERPRET RESULTS</th> <th>SITE IS:</th> </tr> </thead> <tbody> <tr> <td>IF WATER LEVEL IN HOLE DROPS LESS THAN ONE-HALF INCH PER HOUR</td> <td>POORLY DRAINED AND SUITED TO NET-SITE SPECIES</td> </tr> <tr> <td>ONE HALF-INCH TO ONE INCH PER HOUR</td> <td>MORE OR LESS ACCEPTABLE FOR MANY SPECIES INCLUDING NET SITE SPECIES</td> </tr> <tr> <td>MORE THAN ONE INCH PER HOUR</td> <td>WELL DRAINED AND SUITABLE FOR ALL SPECIES INCLUDING SENSITIVE SPECIES</td> </tr> </tbody> </table>	HOW TO INTERPRET RESULTS	SITE IS:	IF WATER LEVEL IN HOLE DROPS LESS THAN ONE-HALF INCH PER HOUR	POORLY DRAINED AND SUITED TO NET-SITE SPECIES	ONE HALF-INCH TO ONE INCH PER HOUR	MORE OR LESS ACCEPTABLE FOR MANY SPECIES INCLUDING NET SITE SPECIES	MORE THAN ONE INCH PER HOUR	WELL DRAINED AND SUITABLE FOR ALL SPECIES INCLUDING SENSITIVE SPECIES
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PLANTING NOTES

- PLANTS LABELED "N.C." ARE NOT IN CONTRACT AND ARE NOT A PART OF THIS PHASE OF WORK.
- REQUIREMENTS FOR THE MEASUREMENTS, BRANCHING, GROWING QUALITY, BALLING AND BURLAPPING OF PLANTS IN THE PLANT LIST GENERALLY FOLLOW OR EXCEED A CODE OF STANDARDS CAREFULLY RECOMMENDED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. IN THE AMERICAN STANDARD FOR NURSERY STOCKS. SEE THE PLANT LIST FOR MORE RESTRICTIVE REQUIREMENTS.
- ALL PLANTS SHALL HAVE A WELL FORMED HEAD WITH MINIMUM CALIPER, HEIGHT AND SPREAD OF THE SIDE BRANCHES AS SHOWN ON THE PLANT LIST. TRUNKS SHALL BE UNDAVAGED AND SHAPE SHALL BE TYPICAL OF THE SPECIES.
- EQUIPMENT OF COVER HEIGHT SHALL INCLUDE NOT MORE THAN FIFTY (50) PER CENT OF THIS YEAR'S VERTICAL GROWTH TOP CANOPIE.
- THE LANDSCAPE CONTRACTOR IS HEREBY NOTIFIED OF THE EXISTENCE OF UNDERGROUND UTILITIES WITHIN THE LIMITS OF THE PROJECT AREA. THE CONTRACTOR SHOULD VERIFY THE EXACT LOCATION OF ALL UTILITY LINES PRIOR TO COMMENCEMENT OF DIGGING OPERATIONS.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR STAKING AND LAYOUT OF PLANTINGS ON THIS PROJECT. THE LANDSCAPE ARCHITECT OR OWNER SHALL BE ADVISED WHEN STAKES ARE READY FOR VERIFICATION ON VARIOUS PLANTING AREAS. ALL LAYOUT WORK SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT AND OWNER PRIOR TO OPENING ANY PLANTING PITS.
- IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO VERIFY THAT EACH EXCAVATED TREE OR SHRUB PIT FULLY PERCOLATE DRAIN PRIOR TO ADDING TOPSOIL AND INSTALLING TREES OR SHRUBS. THE CONTRACTOR SHALL VERIFY ACCURACY AND EFFECT OF PERCOLATION TESTING. IF THE SOIL AT GIVEN AREA DOES NOT DRAIN PROPERLY, A PVC DRAIN OR GRAVEL SUMP SHALL BE INSTALLED OR THE PLANTINGS RELOCATED.
- SHOULD THE LANDSCAPE CONTRACTOR ENCOUNTER UNSATISFACTORY GRADE OR SUFFICIENT DRAINAGE CONDITIONS, SOIL DEPTH, LATENT PANS, STEAM OR OTHER UTILITY LINES OR OTHER CONDITIONS THAT MAY JEOPARDIZE THE HEALTH AND VIGOR OF THE PLANTS, HE MUST ADVISE THE LANDSCAPE ARCHITECT IN WRITING THAT THE PLANTING AREAS ARE SUITABLE FOR PROPER GROWTH AND DEVELOPMENT OF THE PLANTS TO BE INSTALLED.
- PLANTING PITS FOR TREE AND SHRUBS SHALL BE PREPARED AS PER DETAILS.
- DOUBLE HANDED SHIPPED HARDWOOD MULCH SHALL BE APPLIED TO ALL SHRUB BEDS BY THE CONTRACTOR. BEDS SHALL BE TREATED WITH PREEMERGENT HERBICIDE BY THE CONTRACTOR BEFORE MULCH IS APPLIED. MULCH SHALL BE TYPICAL OF THE SPECIES AND SHALL BE OBTAINED FROM A SUPPLIER OF SHIPPED HARDWOOD MULCH AS SHALL BE PRESENTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL.
- ALL TREES ARE TO BE STAKED IMMEDIATELY AFTER PLANTING AS DETAILED. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF STAKING HOSES ETC. AT THE END OF THE ONE YEAR GUARANTEE PERIOD.
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- PLANTS SHALL BE SUBSTITUTED FOR THE REASON OF ONE (1) FULL YEAR AFTER THE FINAL ACCEPTANCE OF THE PLANTING BY THE OWNER AND SHALL BE ALIVE AND IN SATISFACTORY GROWTH AT THE END OF THE GUARANTEE PERIOD. ANY PLANT NOT IN A HEALTHY AND VIGOROUS STATE AT THE END OF THE GUARANTEE PERIOD SHALL BE REPLACED AT NO COST TO THE OWNER. PLANTS SEVERELY DAMAGED BY WINDS ARE NOT SUBJECT TO REPLACEMENT BY THE CONTRACTOR DURING THE ONE YEAR GUARANTEE PERIOD.
- REPLACEMENTS OF DEAD OR UNSATISFACTORY MATERIAL SHALL BE MADE AS SPECIFIED IN THE PLANT LIST. THE OWNER OR LANDSCAPE ARCHITECT SHALL NOTIFY REPLACED PLANTS WHEN ALL REPLACEMENTS HAVE BEEN MADE. REPLACEMENTS SHALL BE MADE WITHIN 14 DAYS OF THE DATE OF NOTIFICATION. REPLACEMENTS AND SHALL BE SUBJECT TO A ONE (1) YEAR GUARANTEE FROM THE DATE OF SATISFACTORY REPLACEMENT.
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- NO EXCAVATION OR PLANTING PIT SHALL BE LEFT OPEN OR UNATTENDED OVERNIGHT.
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NOTES:

- PROTECT PROTECTION FENCING FOR ALL TREES WITHIN CONSTRUCTION AREAS.
- PROTECTION FENCING TO BE PLACED OUTSIDE OTHERWISE INDICATED ON LANDSCAPE PLAN OR APPROVED BY UNIVERSITY ARBORIST.
- PROTECTION FENCING SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.
- DAMAGE TO ANY TREES DURING CONSTRUCTION SHALL BE ASSESSED BY UNIVERSITY ARBORIST AND THE UNIVERSITY ARBORIST SHALL STRIKE THE NEAREST REMEDIATION PLAN AND TAKE IMMEDIATE ACTION. REMEDIATION PLAN SHALL INCLUDE REPLACEMENT WITH TREE OF SAME SPECIES, CALIPER AND CANOPY SIZE. THE COST OF ANY AND ALL REMEDIATION SHALL BE ASSUMED BY CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT.
- DISTURBANCE OF ROOT ZONE UNDER DRINKLINE CUTTING OR TILLING OR STORAGE OF MATERIALS SHALL QUALIFY AS DAMAGE AND SUBJECT TO REMEDIATION.
- VOIDS, ANY PART OF WHICH IS PARKED WITHIN OR PART OF THE BOUNDARY OF THE TREE PROTECTION AREA ARE SUBJECT TO TICKETING AND/OR TOWING.
- PROTECTION FENCING SHALL BE CHAIN-LINK FENCING ORANGE PLASTIC BARRIER FENCING IS NOT ACCEPTABLE AS TREE PROTECTION FENCING.

PLANTING NOTES

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GRIMBALL & ASSOCIATES COTTERILL
LANDSCAPE ARCHITECTS & LAND PLANNERS
600 BELTUNE BOULEVARD COLUMBIA, SC 29205 (803)738-9525

RENOVATE CONCOURSE ENTRIES AT STONE STADIUM
PLANTING DETAILS
Project Number H27-1967

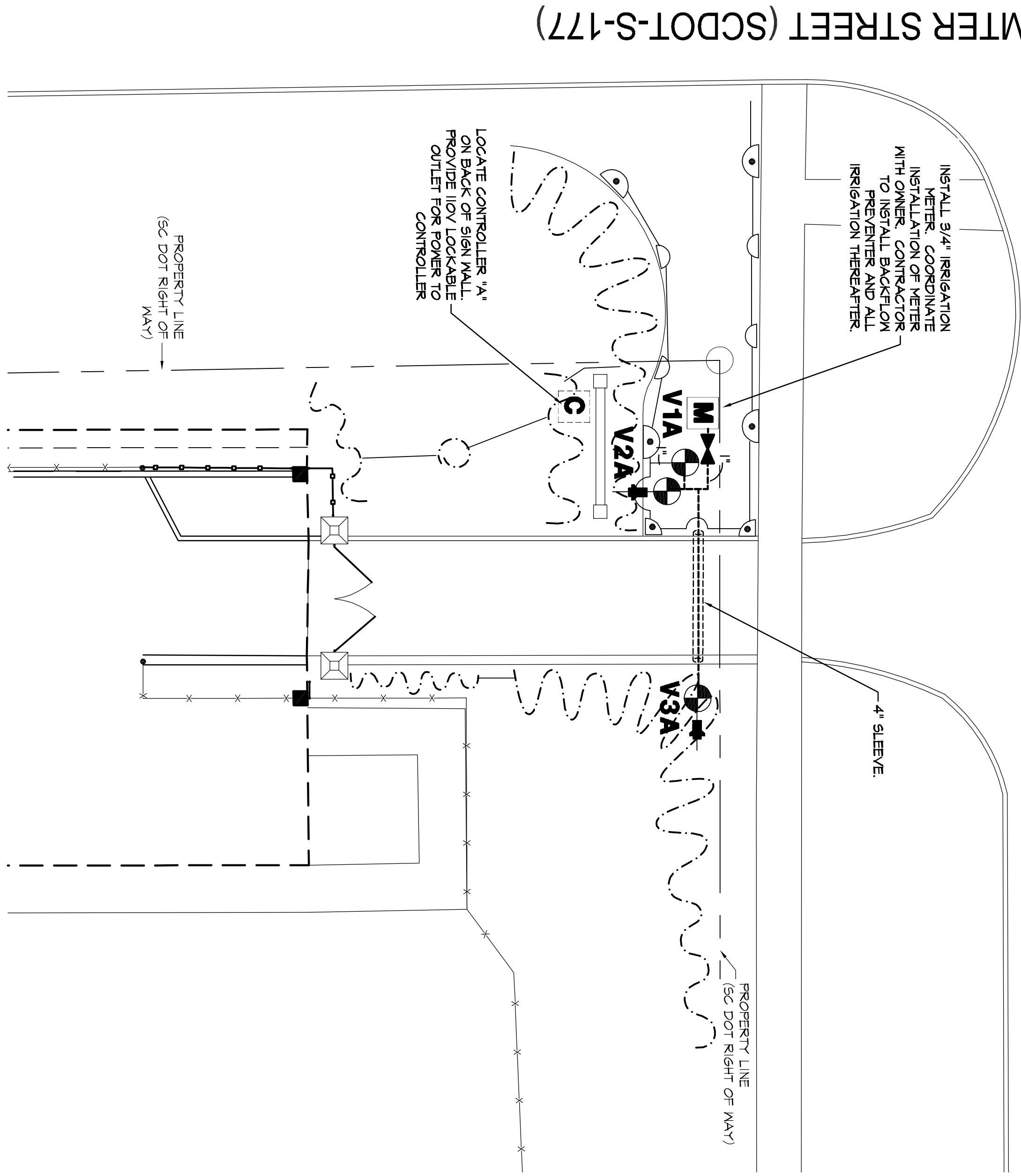
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SHEET NO. 7 OF 12

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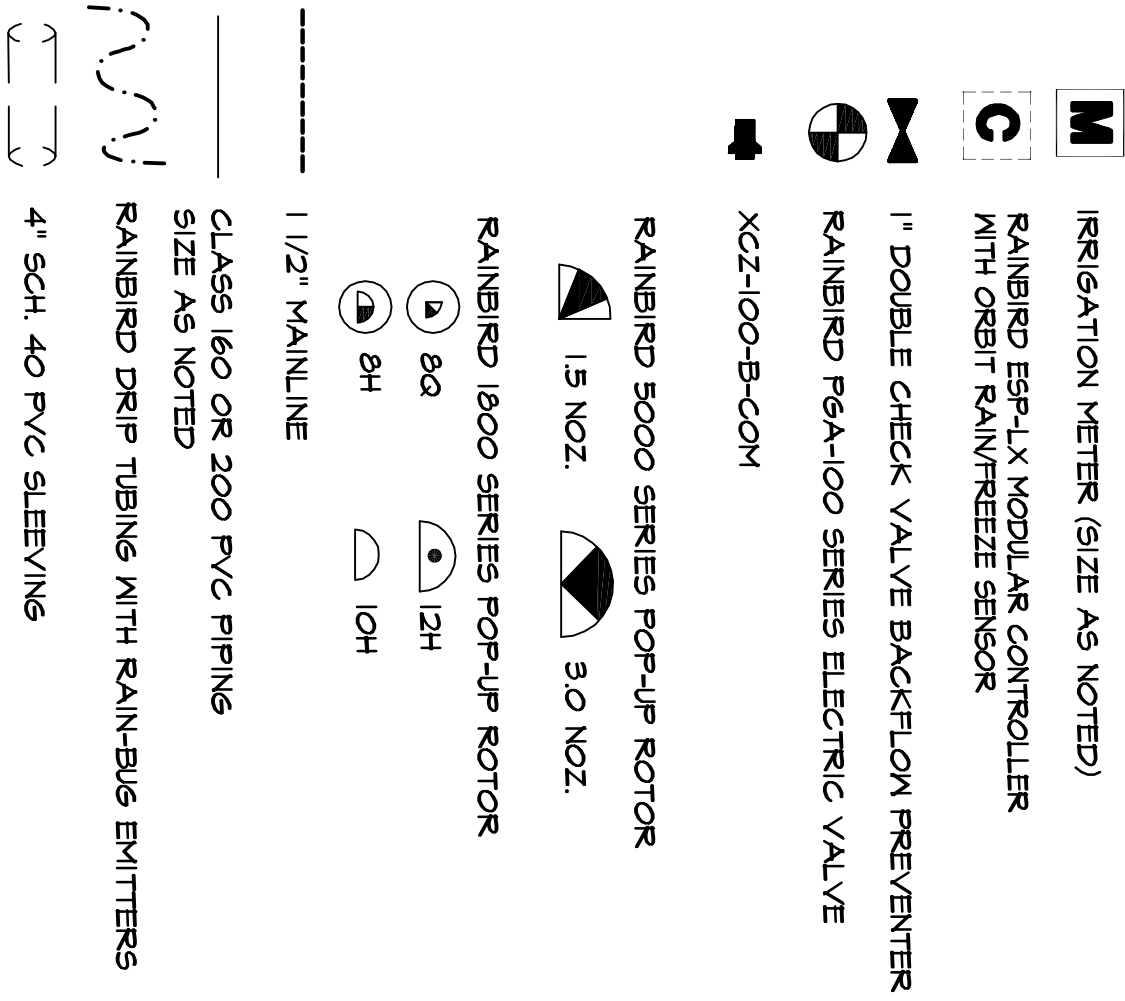
WHALEY STREET (SCDOT - local)



GENERAL NOTES

- EXISTING ECOLOGY AND AESTHETICS WILL OBTAIN CARE ADJUSTMENT OF THESE PLANS TO FIT THE SITE STAKE-OUT BY THE CONTRACTOR AND ADJUSTMENT BY THE LANDSCAPE ARCHITECT IS ABSOLUTELY NECESSARY.
- LOCATIONS OF THOSE UTILITIES SHOWN ARE APPROXIMATE AND FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION OF ALL UTILITIES SHOWN OR NOT SHOWN ON THESE PLANS AND SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE RESULTING FROM ANY AND ALL EXCAVATION AND/OR TRENCHING WORK AT LEAST 12 HOURS PRIOR TO COMMENCING CONSTRUCTION.
- CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IF PROPOSED DESIGN IS IN CONFLICT WITH EXISTING OR PROPOSED UTILITIES. CONTRACTOR DESIGN IS COORDINATE WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION TO ADJUST PROPOSED DESIGN OR UTILITIES AS NECESSARY TO RESOLVE CONFLICTS.
- BASE PLAN DATA DERIVED FROM SITE SURVEY PROVIDED BY BR BARBER AND ASSOCIATES DATED OCTOBER 4, 2001.

IRRIGATION LEGEND



VALVE SCHEDULE - A

VALVE	SIZE	TYPE	SPN
V1	1"	1804	2,14
V2	1"	DRIP	54
V3	1"	DRIP	54

VALVE SCHEDULE - B

VALVE	SIZE	TYPE	SPN
V1	1"	DRIP	104
V2	1"	DRIP	104
V3	1"	DRIP	104
V4	1"	DRIP	104
V5	1"	DRIP	104
V6	1"	DRIP	104
V7	1"	DRIP	104
V8	1"	DRIP	104
V9	1"	DRIP	104
V10	1"	DRIP	104
V11	1"	DRIP	104
V12	1"	DRIP	104
V13	1"	DRIP	104
V14	1"	DRIP	104
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V99	1"	DRIP	104
V100	1"	DRIP	104

IRRIGATION NOTES

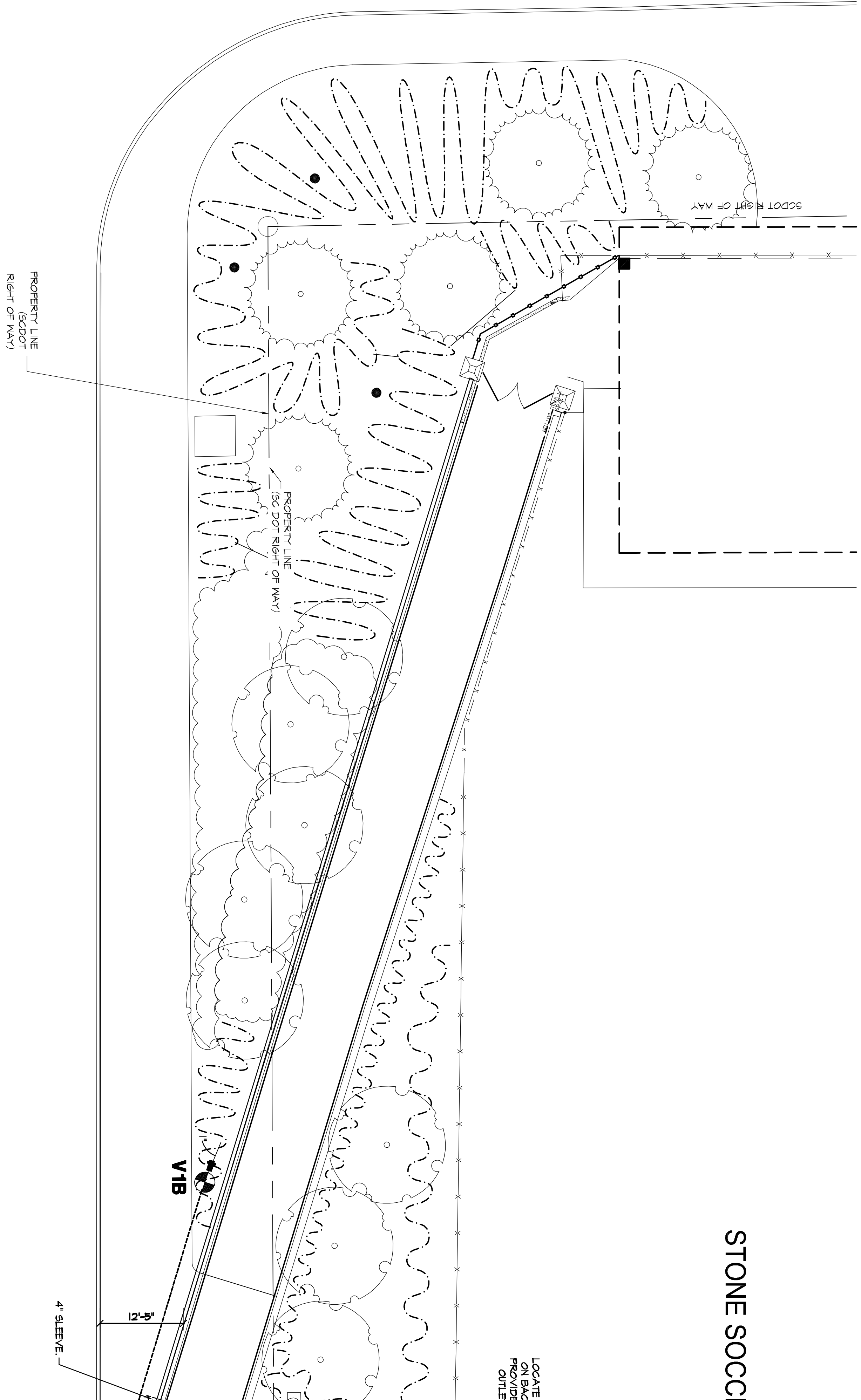
- ALL IRRIGATION TO BE AS SPECIFIED OR APPROVED EQUAL.
- SYSTEM DESIGNED TO RUN AT 22 GPM WITH 65 PSI.
- CONTRACTOR TO COORDINATE WITH OWNER CONCERNING IRRIGATION SCHEDULE PRIOR TO COMMENCEMENT OF WORK SO AS NOT TO DELAY OPERATION OF IRRIGATION.
- CONTRACTOR SHALL FERRORS PRESSURE AND FLOW TESTS AT VERTICALLY VARIOUS DESIGN CRITERIA IS PRESENT.
- ADJUSTMENT OF SPRINKLER HEADS AND DRIP LINES WILL BE NECESSARY IN THE FIELD.
- DRIP TUBE SYMBOLS AND IRRIGATION PIPING LAYOUT PROVIDED FOR GENERAL LOCATIONS IN THE FIELD ONLY. SYMBOLS DO NOT INDICATE EXACT LOCATIONS. CONTRACTOR SHALL PROVIDE FIELD DATA TO VERIFY COVERAGE AND HEAD TO HEAD COVERAGE. IF THIS CANNOT BE ACHIEVED, NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY.
- UTILIZE EMITTER DISTRIBUTION TUBING AS DETAILED.
- INSTALL AUTO FLUSH VALVES ON DRIP TUBE AT ENDS AS NEEDED TO DRAIN DRIP TUBE AFTER EACH USE.
- ALL DRIP TUBE TO BE INSTALLED UNDER MULCH.
- WHERE IRRIGATION PIPING CROSSES SIDEWALKS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR FLAGGING A SLEEVE 2 SIZES LARGER THAN THE CROSSING PIPE.
- IRRIGATION CONTRACTOR TO ADJUST SPRAY PATTERNS TO SURROUNDING PLANT BEDS, OVERSPRAY ONTO BUILDINGS AND SIDE WALKS SHALL BE AVOIDED AS MUCH AS POSSIBLE.

GENERAL NOTES

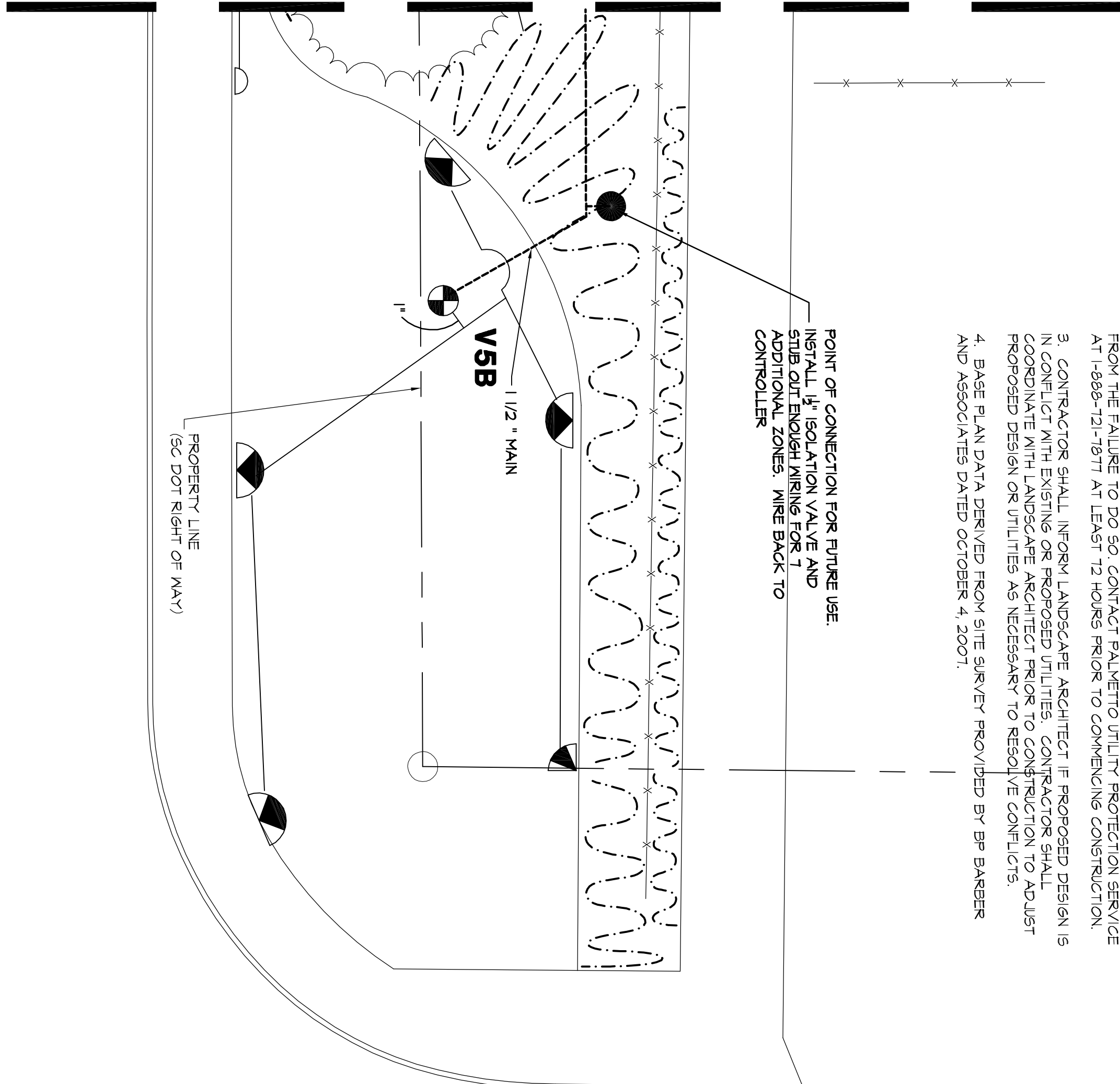
- INSTALL 1" IRRIGATION METER. COORDINATE INSTALLATION OF METER WITH OWNER. CONTRACTOR RESPONSIBLE FOR METER PRE-INSTALLATION, PRE-CHECK AND ALL IRRIGATION THEREAFTER.
- LOCATE CONTROLLER 'B' ON BACK OF SIGN WALL. PROVIDE FOR POWER TO SLEEVES FROM CONTROLLER.
- IRRIGATION LINES DRAIN TREE ROOTS AS SPECIAL NOTES POSSIBLE WHEN TRENCHING

SUMTER STREET (SCDOT-S-177)

WHALEY STREET ENTRANCE
PLAN

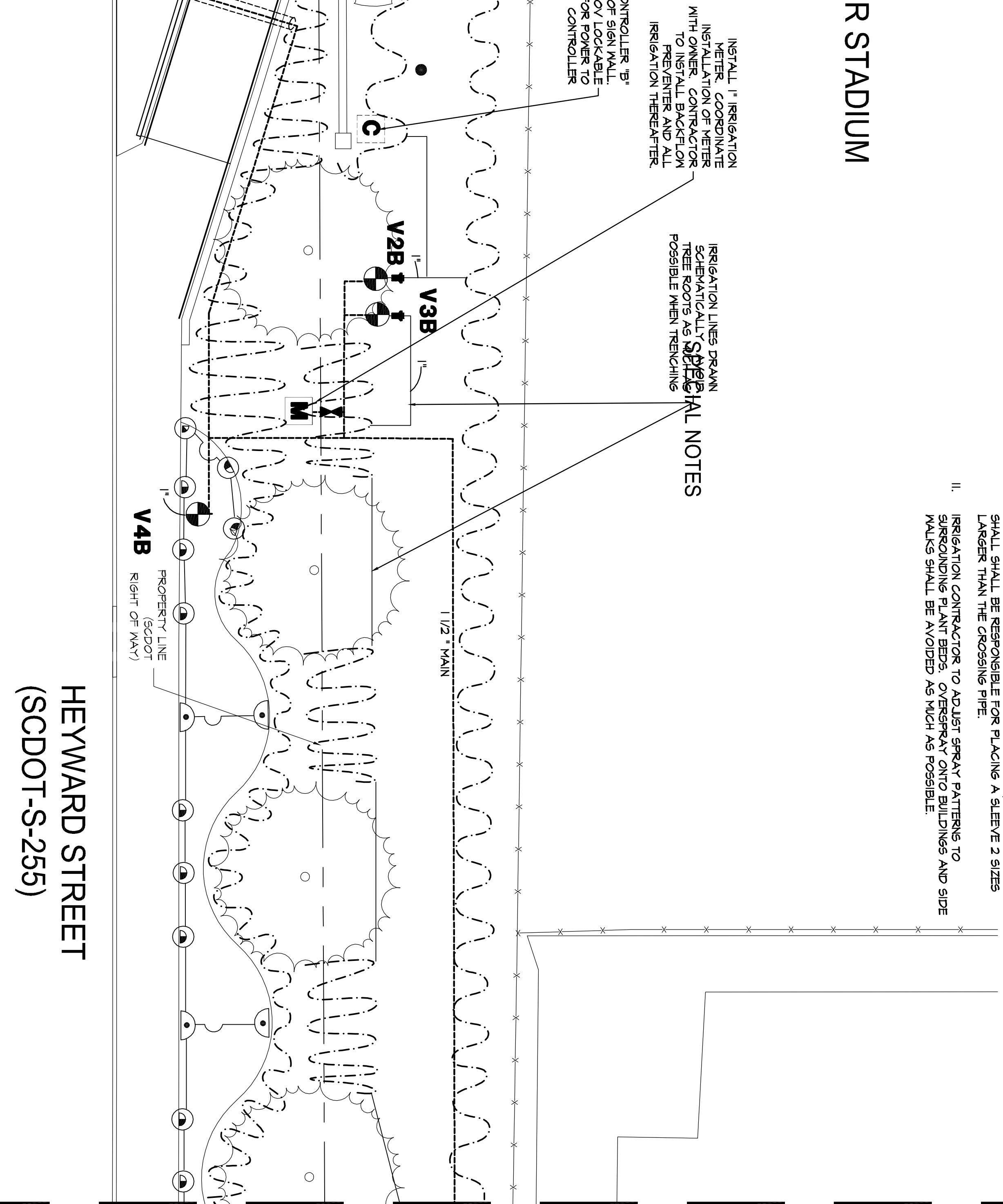


MATCH LINE A



MARION STREET (SCDOT S-40-412)

MATCH LINE A



HEYWARD STREET (SCDOT-S-255)

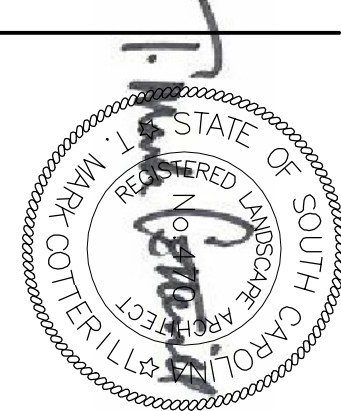
HEYWARD STREET ENTRANCE
PLAN

GRIMBALL & ASSOCIATES
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RENOVATE CONCOURSE ENTRIES AT STONE STADIUM
PLANTING PLAN
Project Number H27-1967



Date	Revisions

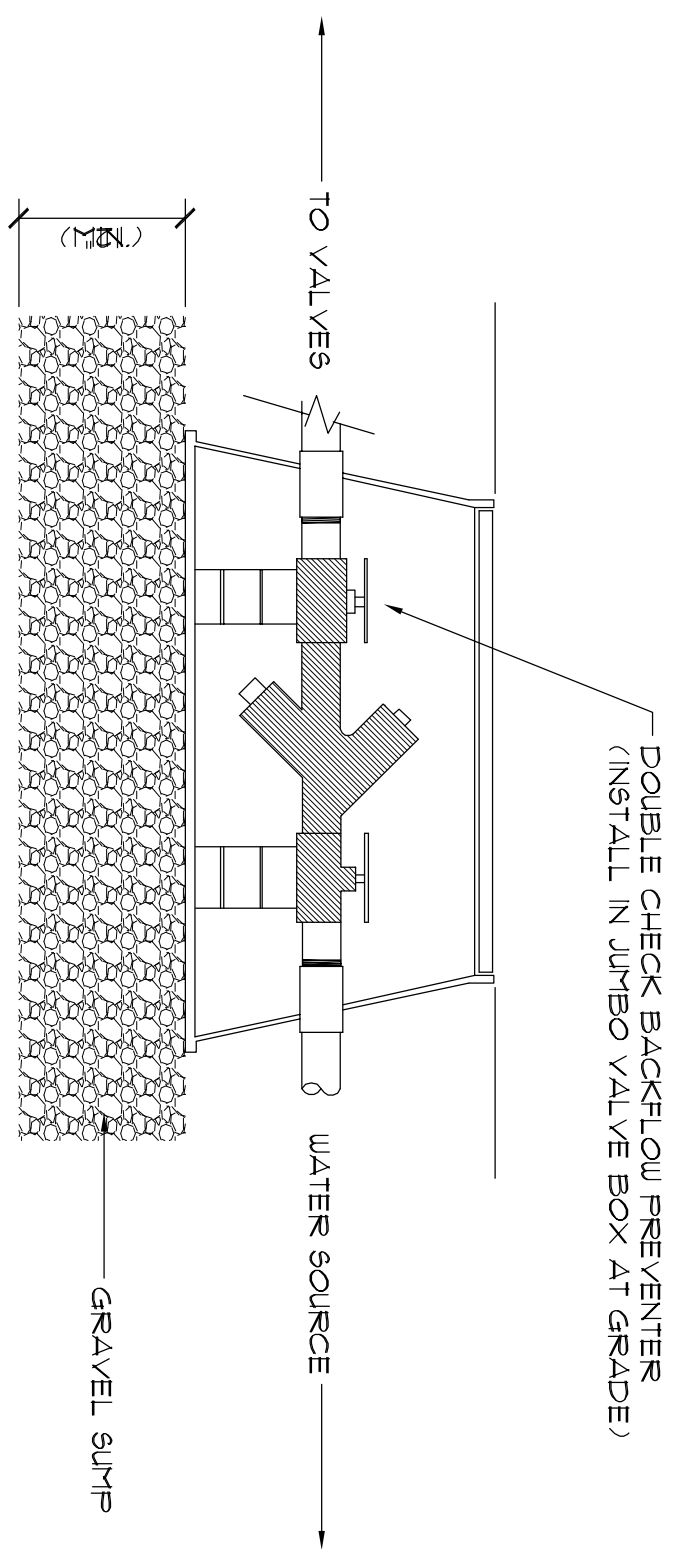
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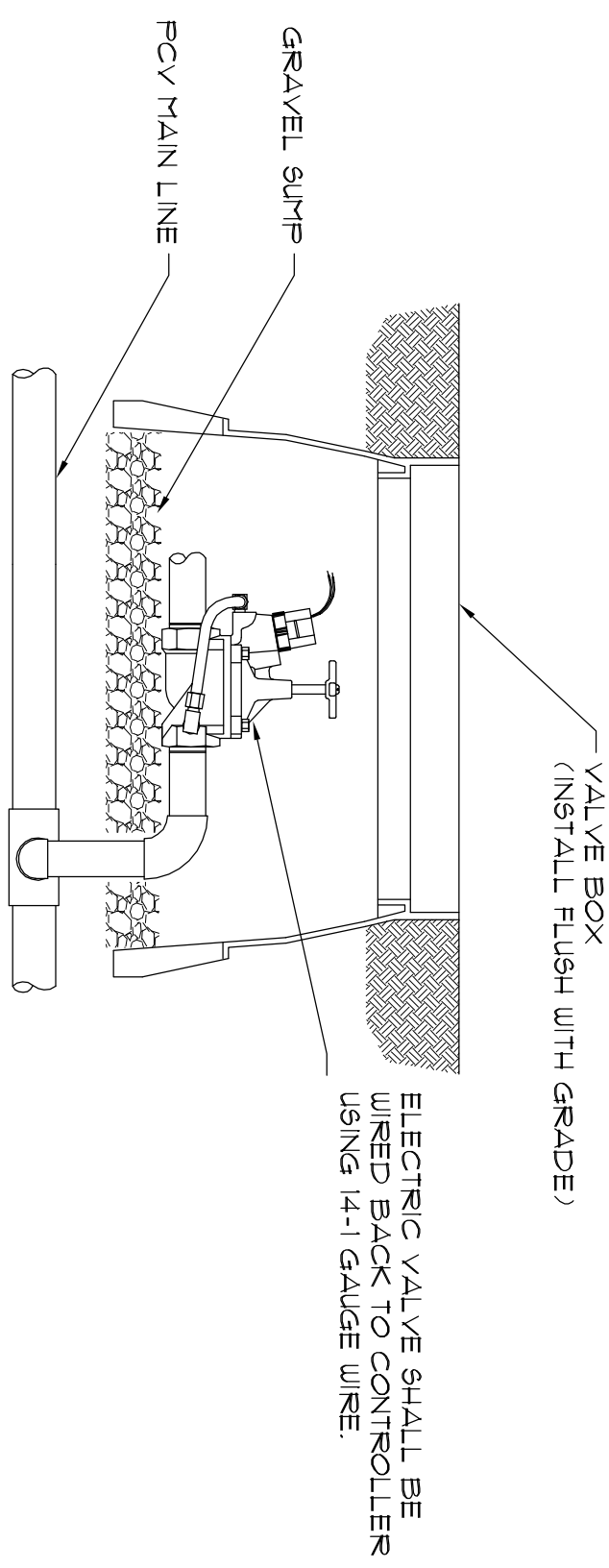
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Drawing No. H27-1967
Sheet No. 8 OF 12

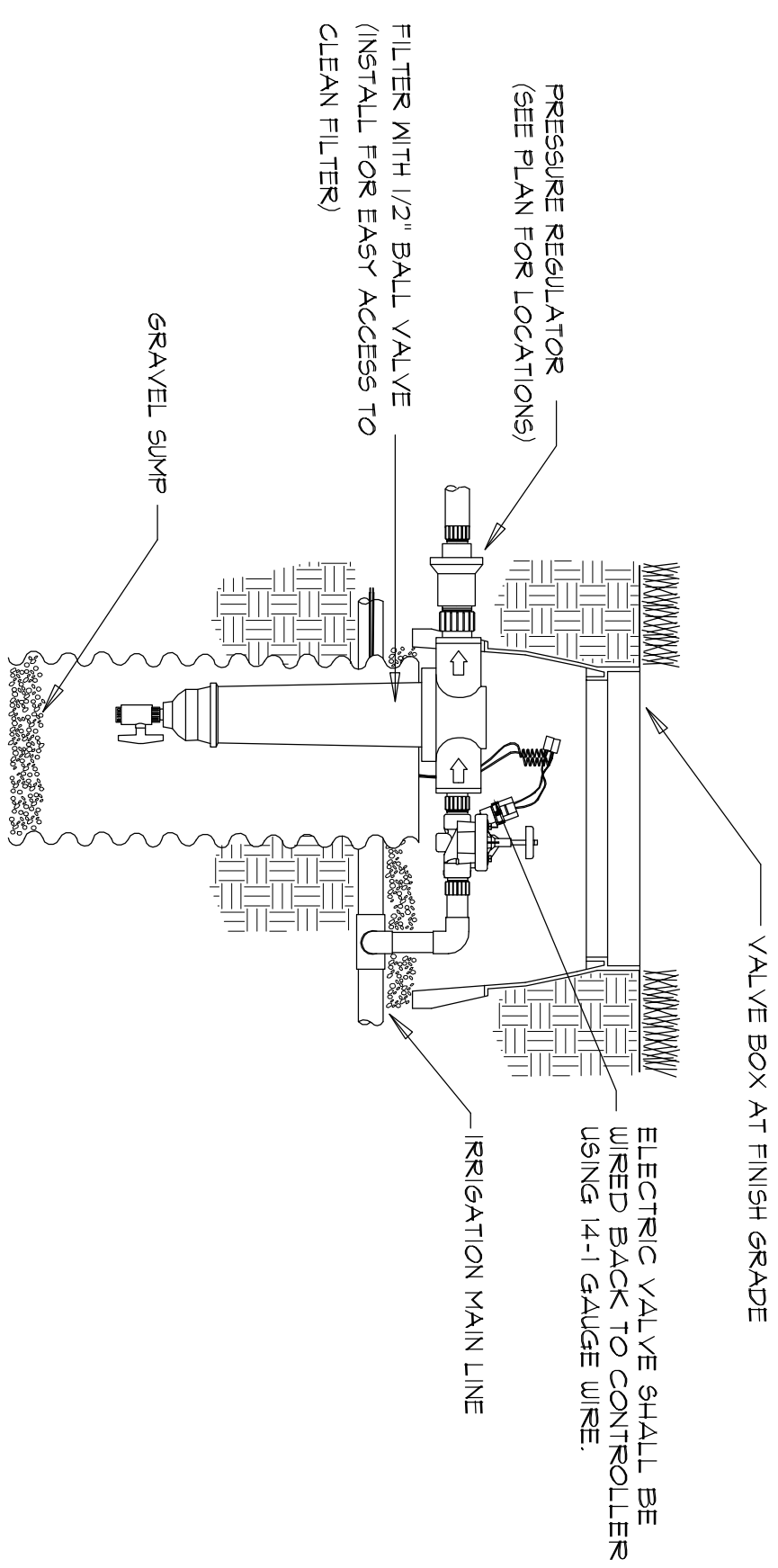
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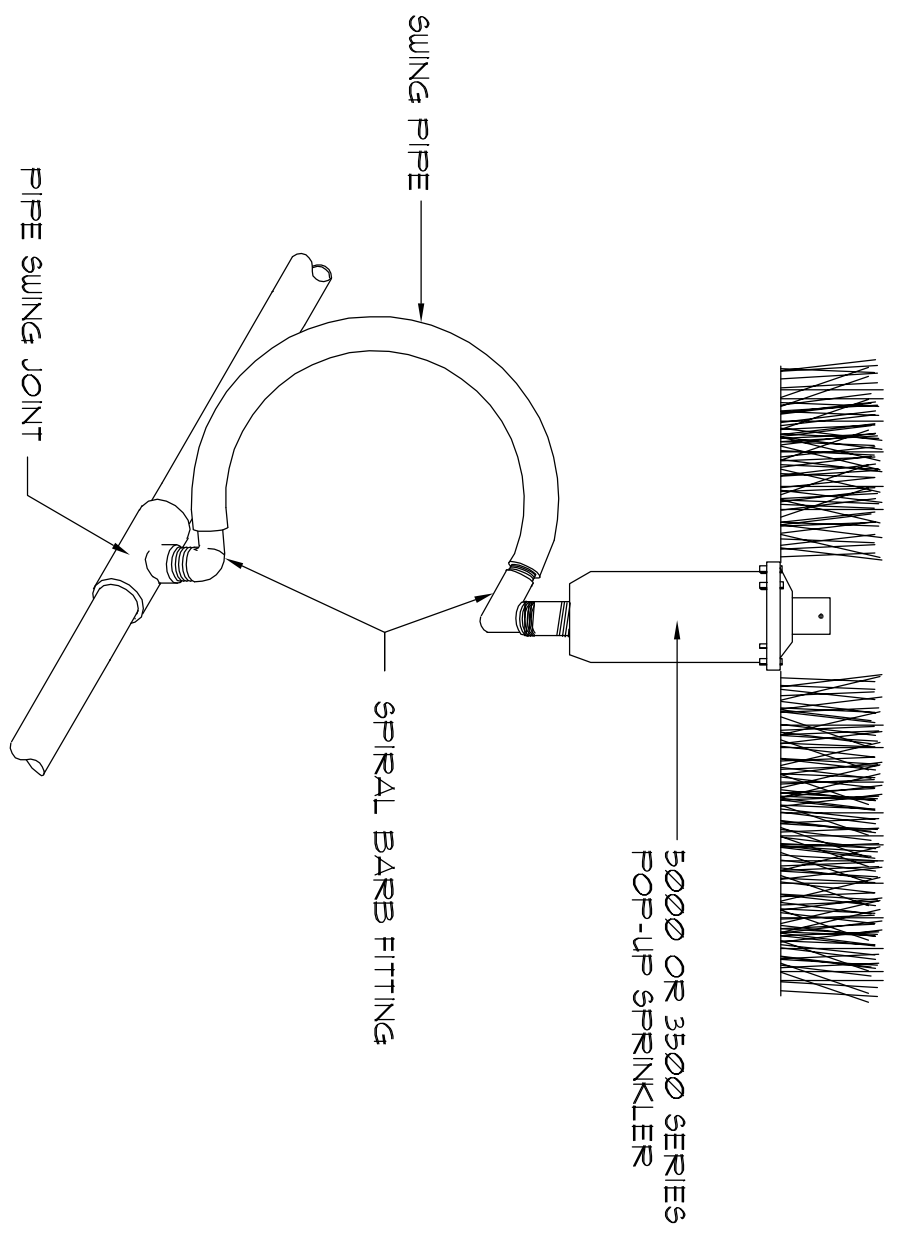
A
1-2 SECTION
BACKFLOW PREVENTER
NOT TO SCALE



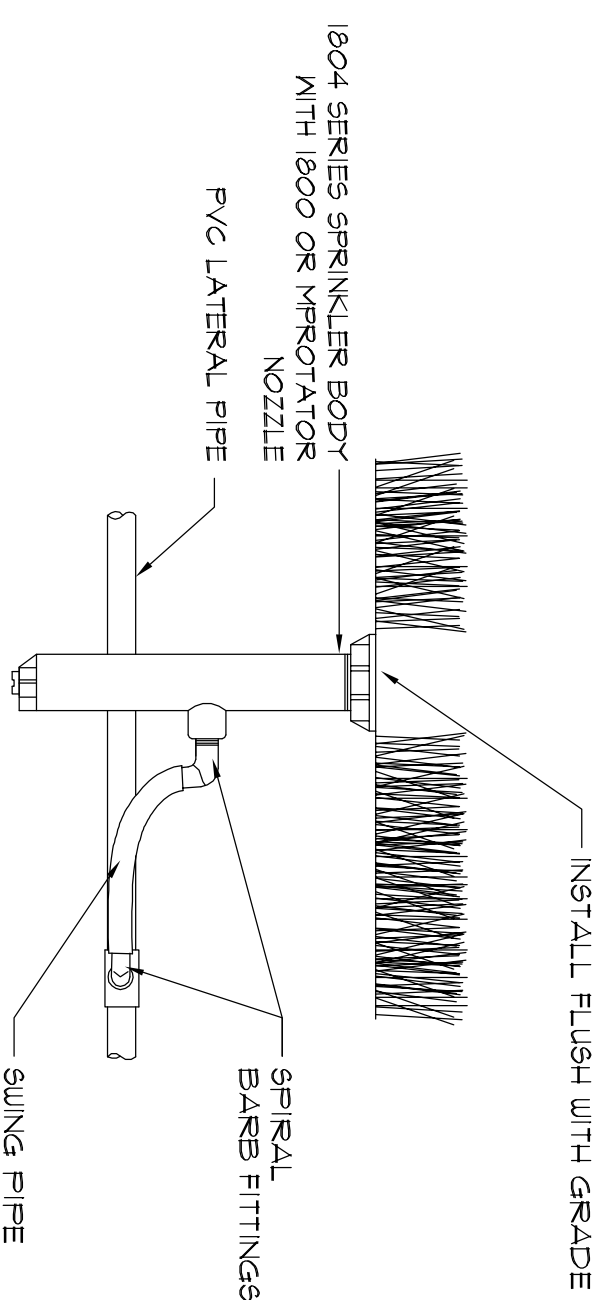
B
1-2 SECTION
ELECTRIC VALVE
NOT TO SCALE



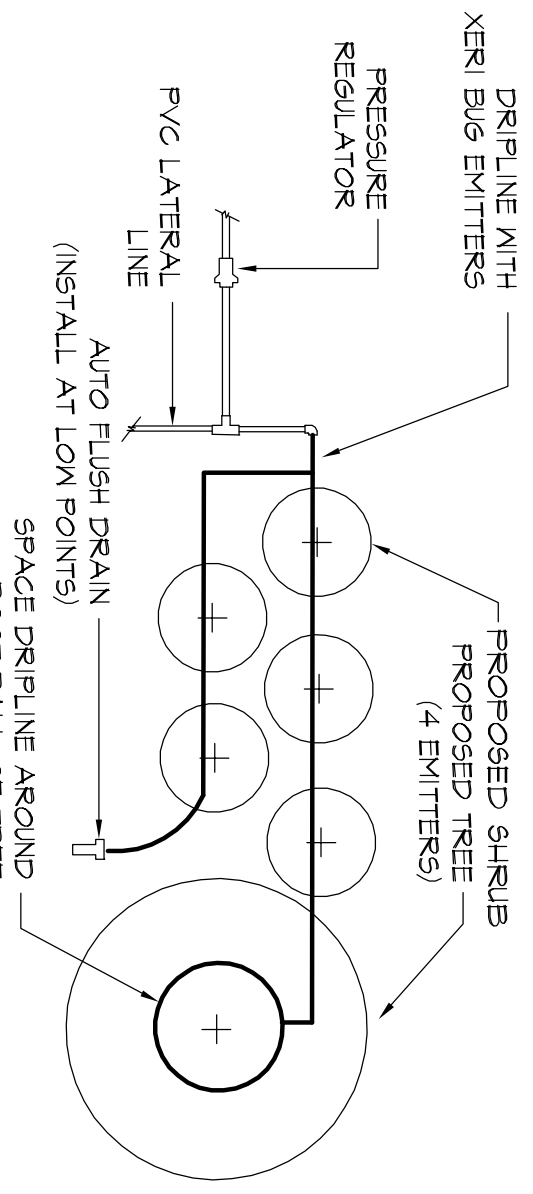
C
1-2 SECTION
ELECTRIC VALVE-DRIIP ZONE
NOT TO SCALE



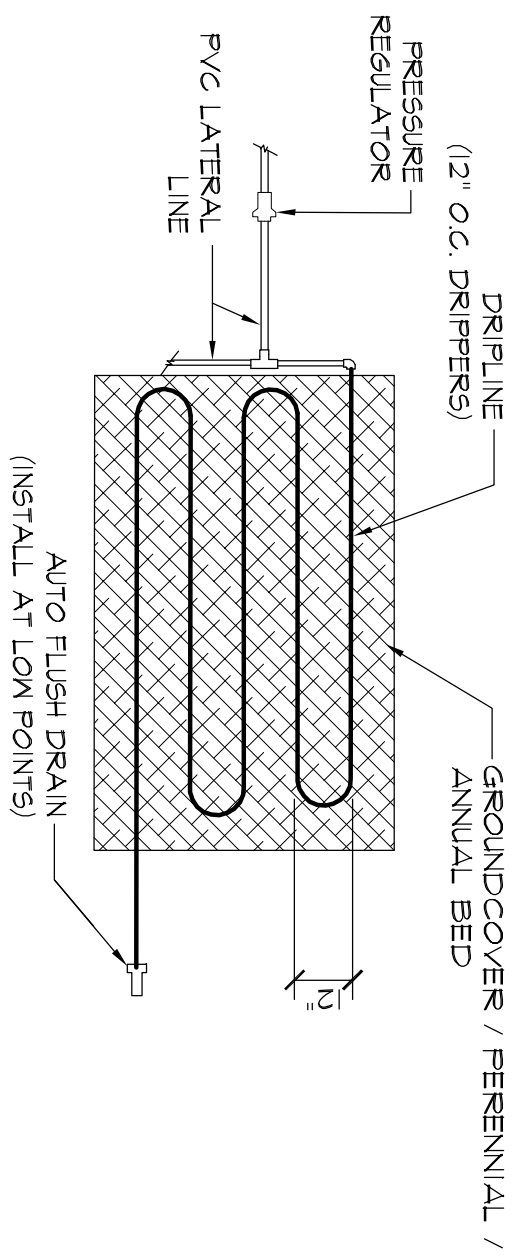
D
1-2 SECTION
POP-UP ROTOR SPRINKLER
NOT TO SCALE



E
1-2 SECTION
POP-UP SPRAY SPRINKLER
NOT TO SCALE



F
1-2 PLAN
DRIPLINE IN SHRUBS
NOT TO SCALE

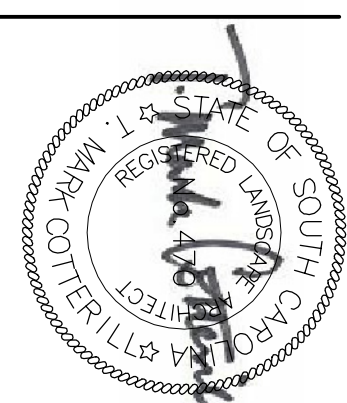


G
1-2 PLAN
DRIPLINE IN GROUNDCOVER
NOT TO SCALE

IRRIGATION NOTES

1. ALL PLASTIC PIPE FITTINGS TO BE MINIMUM SCHEDULE 40 PVC.
2. ALL MAIN LINES TO BE SCHEDULE 40 PVC OR SCHEDULE 200 PVC.
3. ALL LATERAL LINES TO BE SCHEDULE 200 PVC OR SCHEDULE 160 PVC.
4. COORDINATE WITH GENERAL CONTRACTOR FOR INSTALLATION OF SCHEDULE 40 PVC PIPE UNDER PAVED SURFACES AS NOTED ON THE DRAWINGS TO BE UTILIZED FOR IRRIGATION SYSTEM. THE LOCATION OF SLEEVES IS MARKED ON THE IRRIGATION PLAN. SECTIONS VAN SOLAR BRAND CONSTRUCTION.
5. TRENCHES FOR PVC PIPE VALVES SHALL BE EXCAVATED TO SUFFICIENT DEPTH OF 18" MINIMUM AND AN EFFICIENT SPRINKLER LINES SHALL BE EXCAVATED TO SUFFICIENT DEPTH OF 12" MINIMUM AND AN SUFFICIENT TRENCH TO PERMIT PROPER HANDLING AND INSTALLATION OF PIPE AND FITTINGS.
6. ALL CONTROL VALVES SHALL BE INSTALLED IN A VALVE BOX IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
7. ALL WIRING TO BE USED FOR CONNECTING THE AUTOMATIC RETROFIT CONTROL VALVE TO THE AUTOMATIC AND MANUAL APPROVAL FOR DIRECT UNDERGROUND BURIAL FEEDER CABLE. WIRE CONNECTIONS TO REMOVE CONTROL AND SCALING CEMENT.
8. THE IRRIGATION CONTRACTOR SHALL CONNECT ALL VALVE LINES TO A SPECIFIED CONTROLLER LOCATED AS NOTED ON THIS PLAN.
9. ALL CONTROL VALVE CABLES SHALL BE INSTALLED BY DIRECT BURIAL AT A MINIMUM DEPTH OF 12" WHERE PRACTICAL. THE WIRE SHALL BE INSTALLED IN THE SAME TRENCH AS THE MAINLINE PIPE.
10. AFTER COMPLETION OF THE PAVING INSTALLATION, THE CONTRACTOR SHALL FURNISH AN AS-BUILT DRAWING SHOWING ALL SPRINKLER HEADS, VALVES, DRAINING AND PIPE LINES TO SCALE WITH DIMENSIONS WHERE REQUIRED. INSTRUCTION SHEETS AND PARTS LISTS COVERING ALL OPERATING EQUIPMENT WILL BE BOUND INTO A FOLDER AND FURNISHED TO THE OWNER IN DUPLICATE.
11. FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK PERFORMED UNDER THIS CONTRACT THE CONTRACTOR SHALL PROMPTLY FINISH WITHOUT COST TO THE OWNER ANY AND ALL PARTS AND LABOR WHICH PROVE DEFECTIVE IN MATERIAL OR WORKMANSHIP.
12. DURING THE LAST MONTH OF THE GUARANTEE PERIOD, THE LANDSCAPE ARCHITECT AND CONTRACTOR SHALL INSPECT INSTALLATIONS TO DETERMINE THE CONDITION OF THE COMPLETE SYSTEM. A LIST OF DEFECTIVE MATERIALS OR INSTALLATIONS TO BE REPAIRED SHALL BE MADE BY THE CONTRACTOR WITHIN THIRTY DAYS OF RECEIVING WRITTEN NOTIFICATION. REPAIRED MATERIALS AND INSTALLATION SHALL BE IN ACCORD WITH THESE SPECIFICATIONS, DRAWINGS AND/OR SCHEDULES.

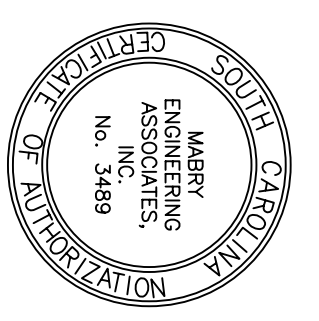
Date	Revisions



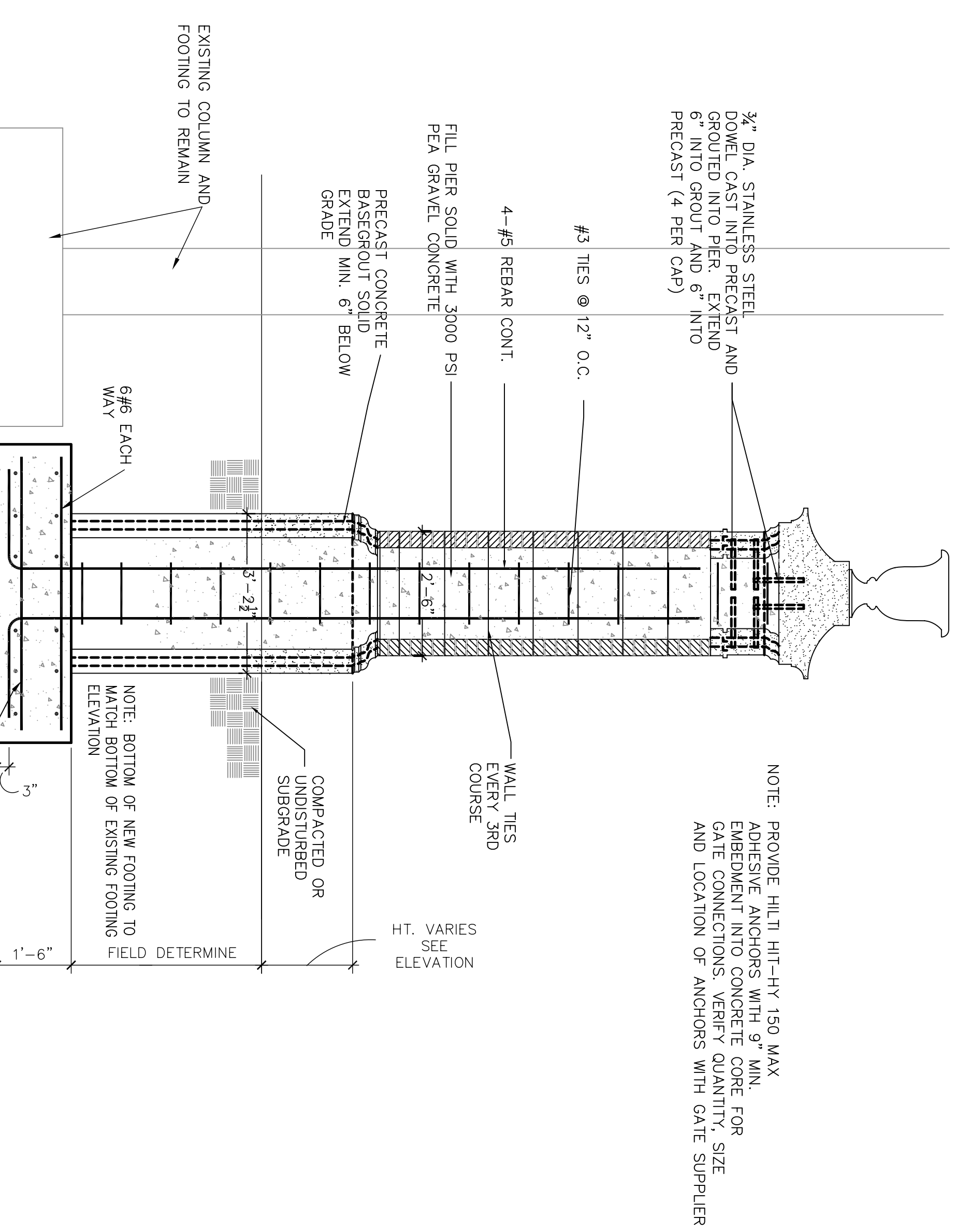
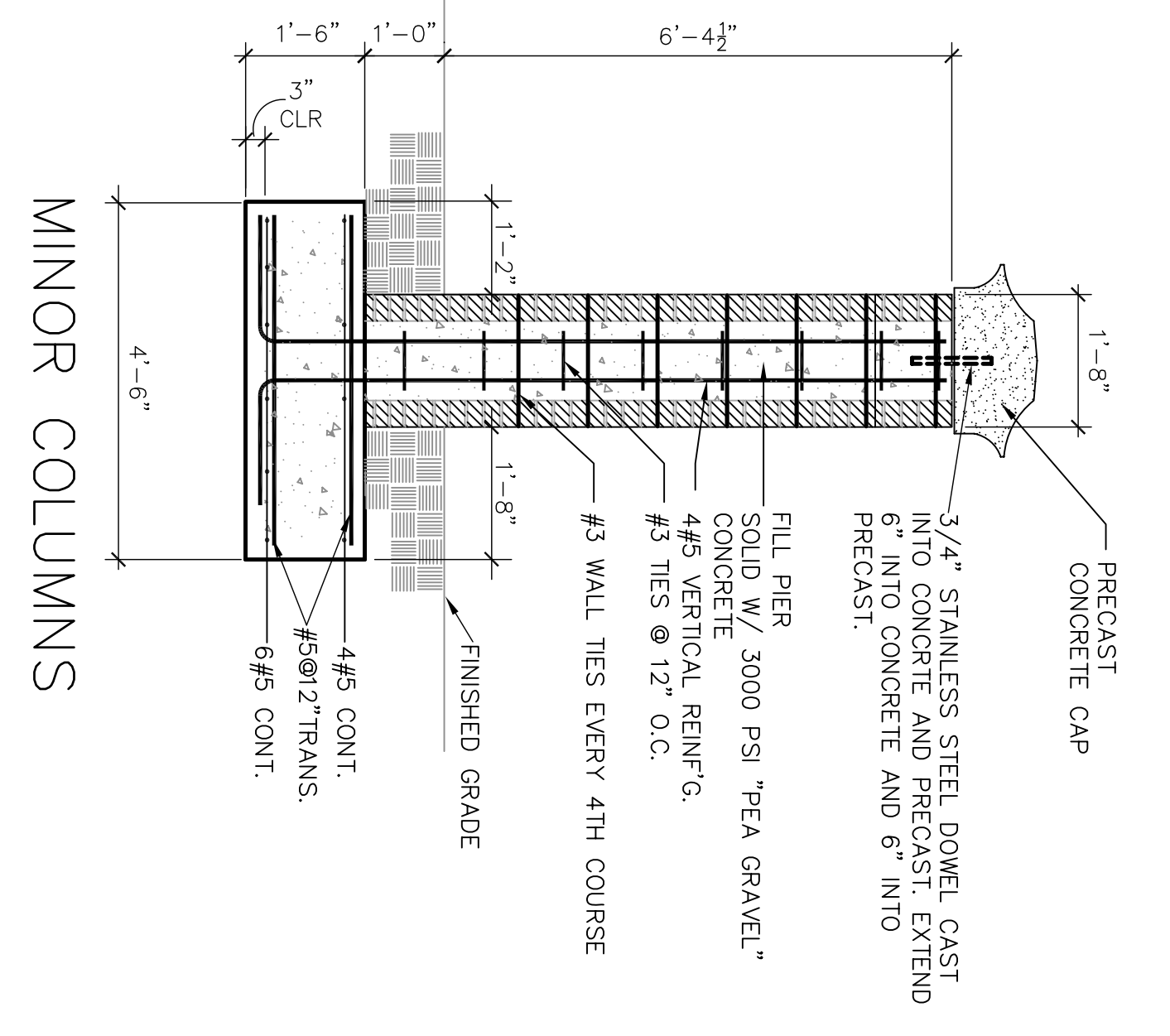
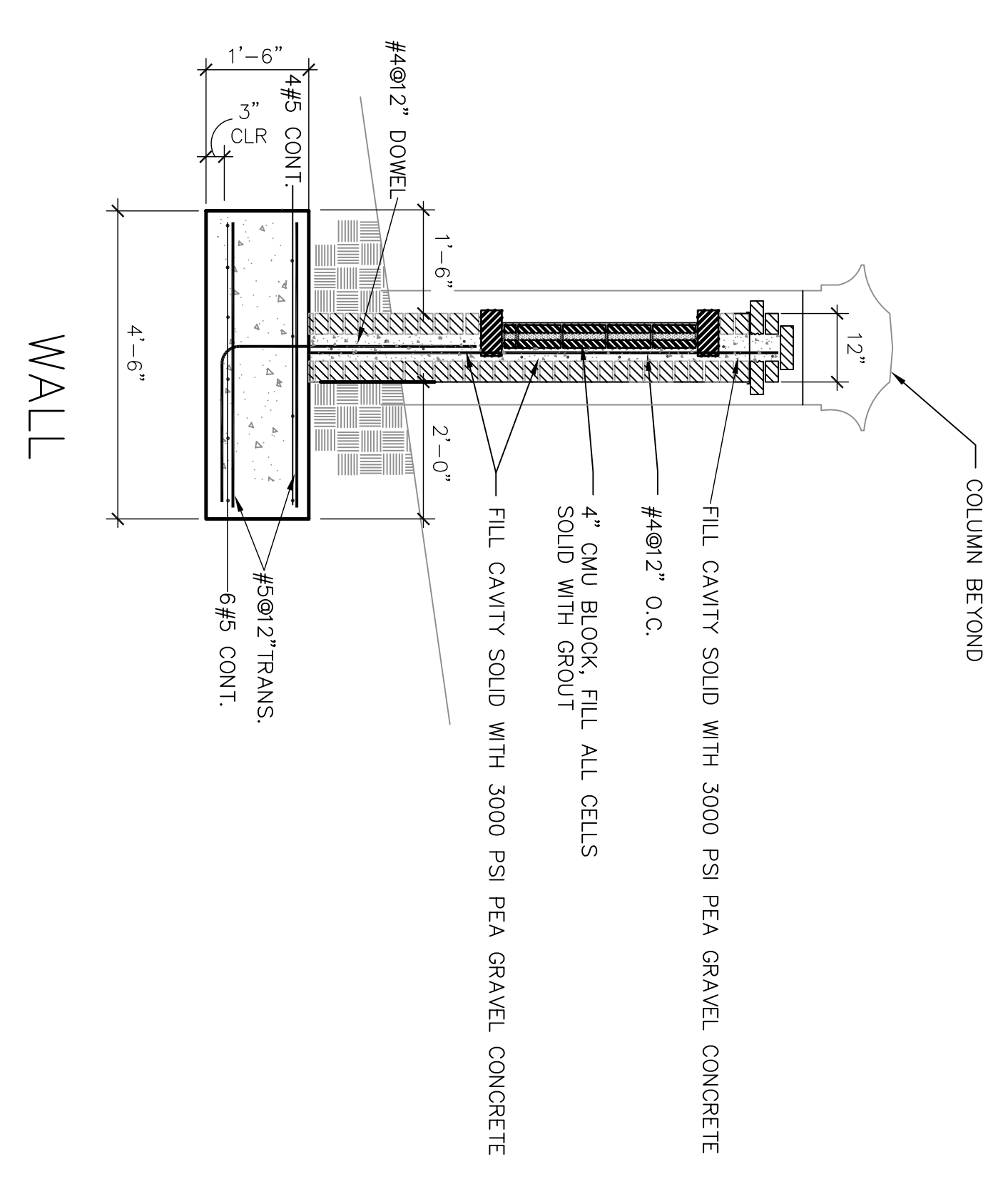
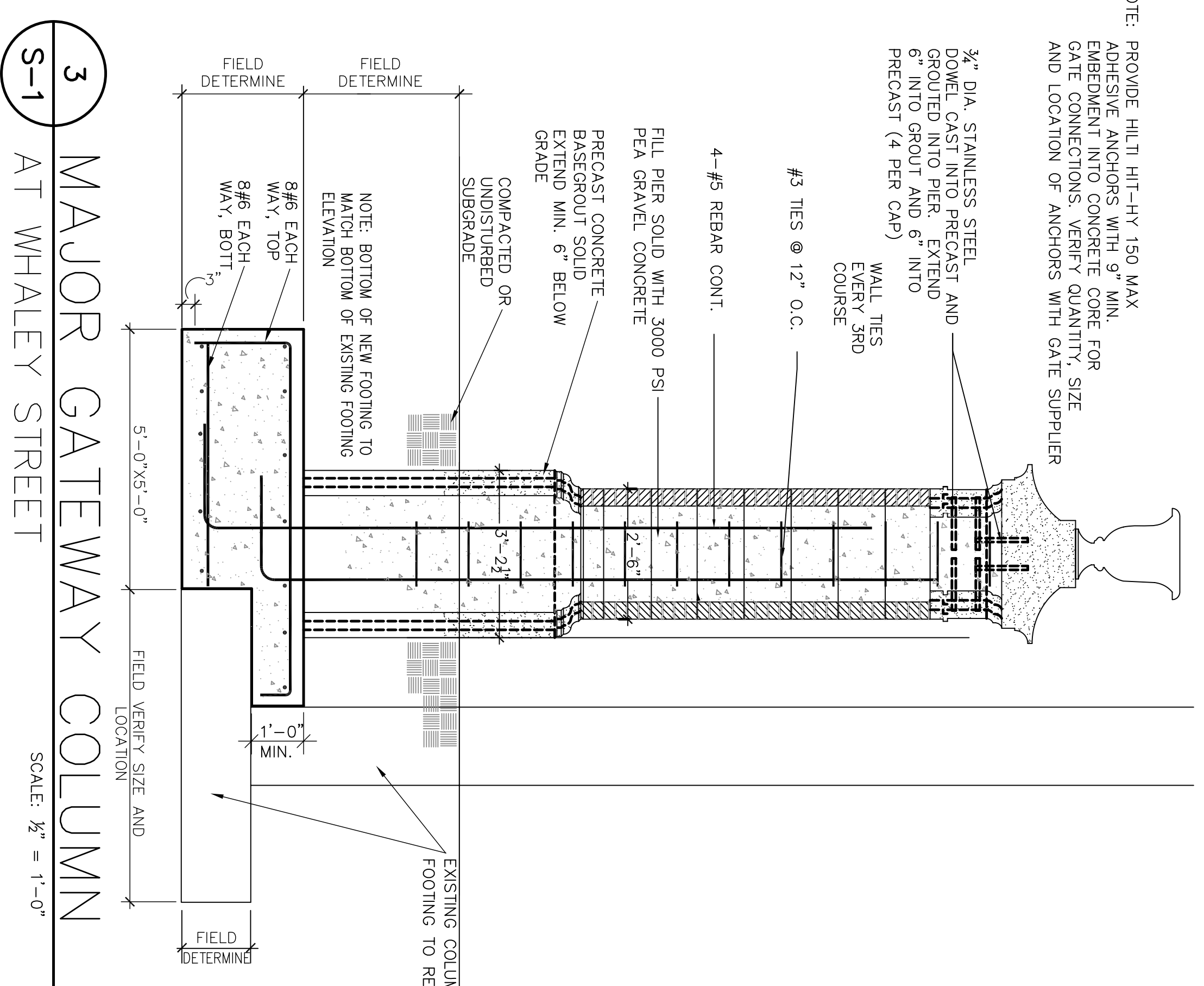
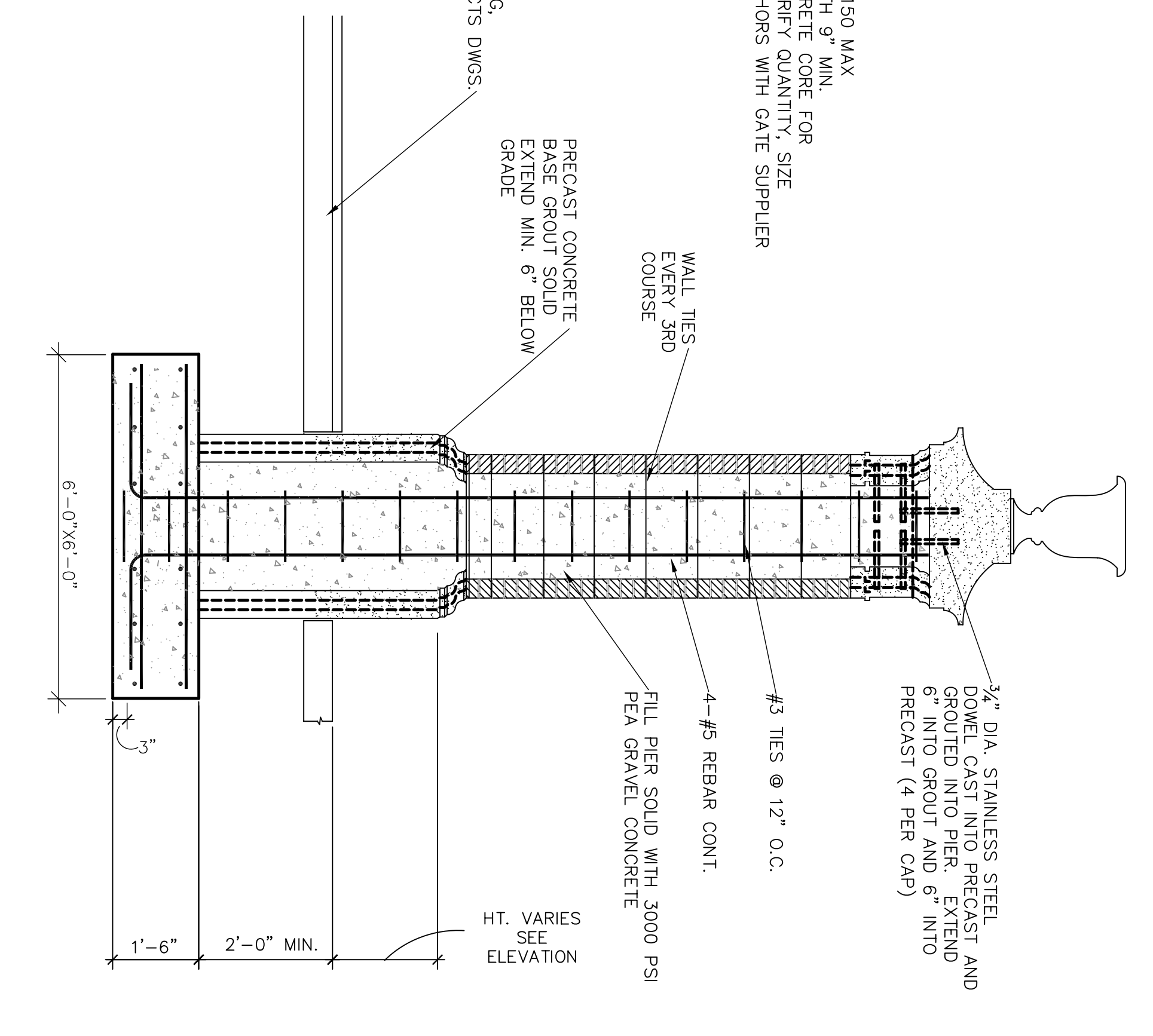
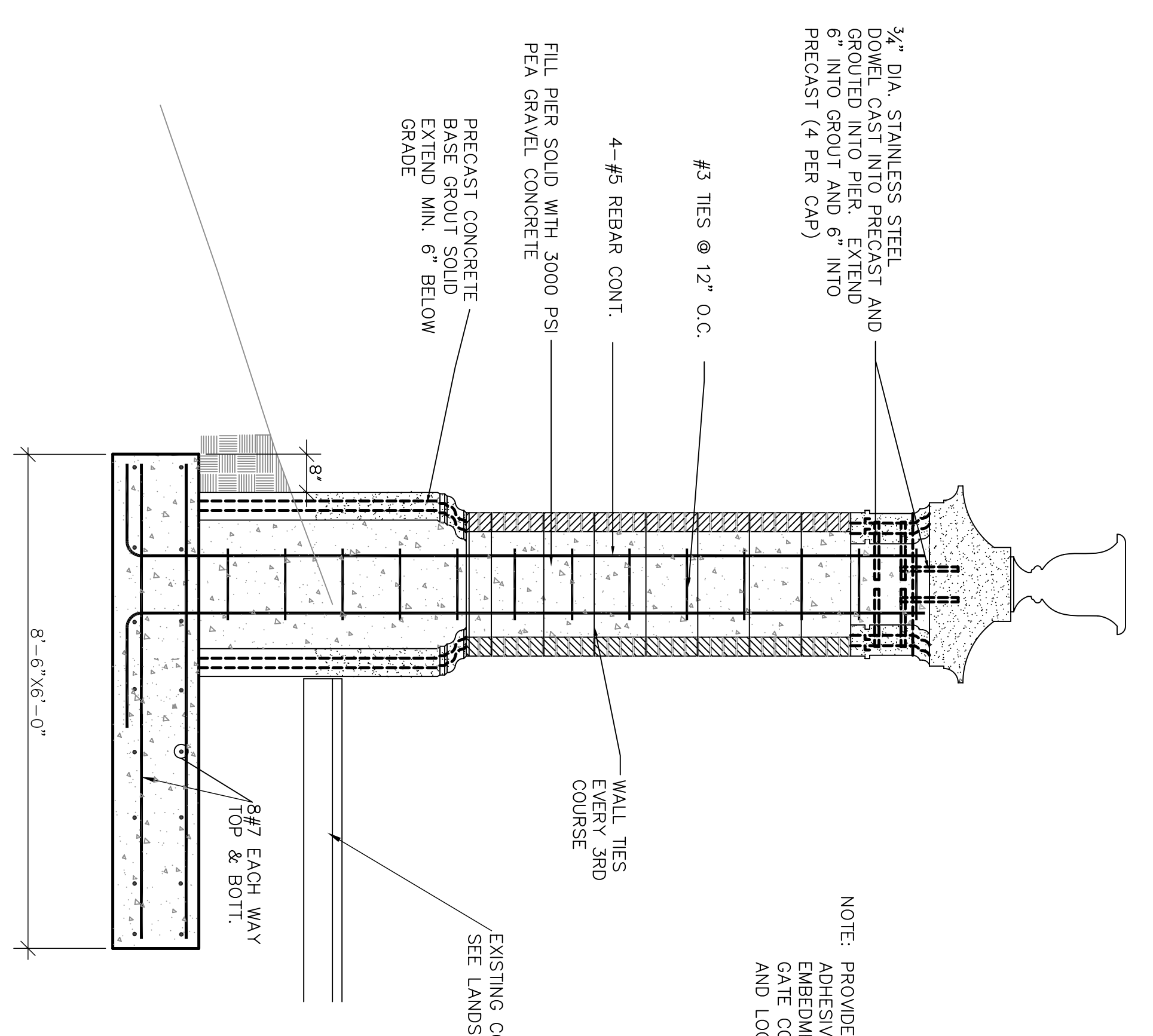
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 LANDSCAPE ARCHITECTS & LAND PLANNERS
 600 BELTUNE BOULEVARD COLUMBIA, SC 29205 (803) 738-9525
RENOVATE CONCOURSE ENTRIES AT STONE STADIUM
 IRRIGATION DETAILS
 Project Number H27-1467

Drawn by: SKC
 Checked by: TMC
 Date: 2/1/12
 Drawing No. 1-2
 Sheet No. 9 OF 12

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Date	Revisions



5
S-1
STREET SIGNAGE
SCALE: 1/2" = 1'-0"

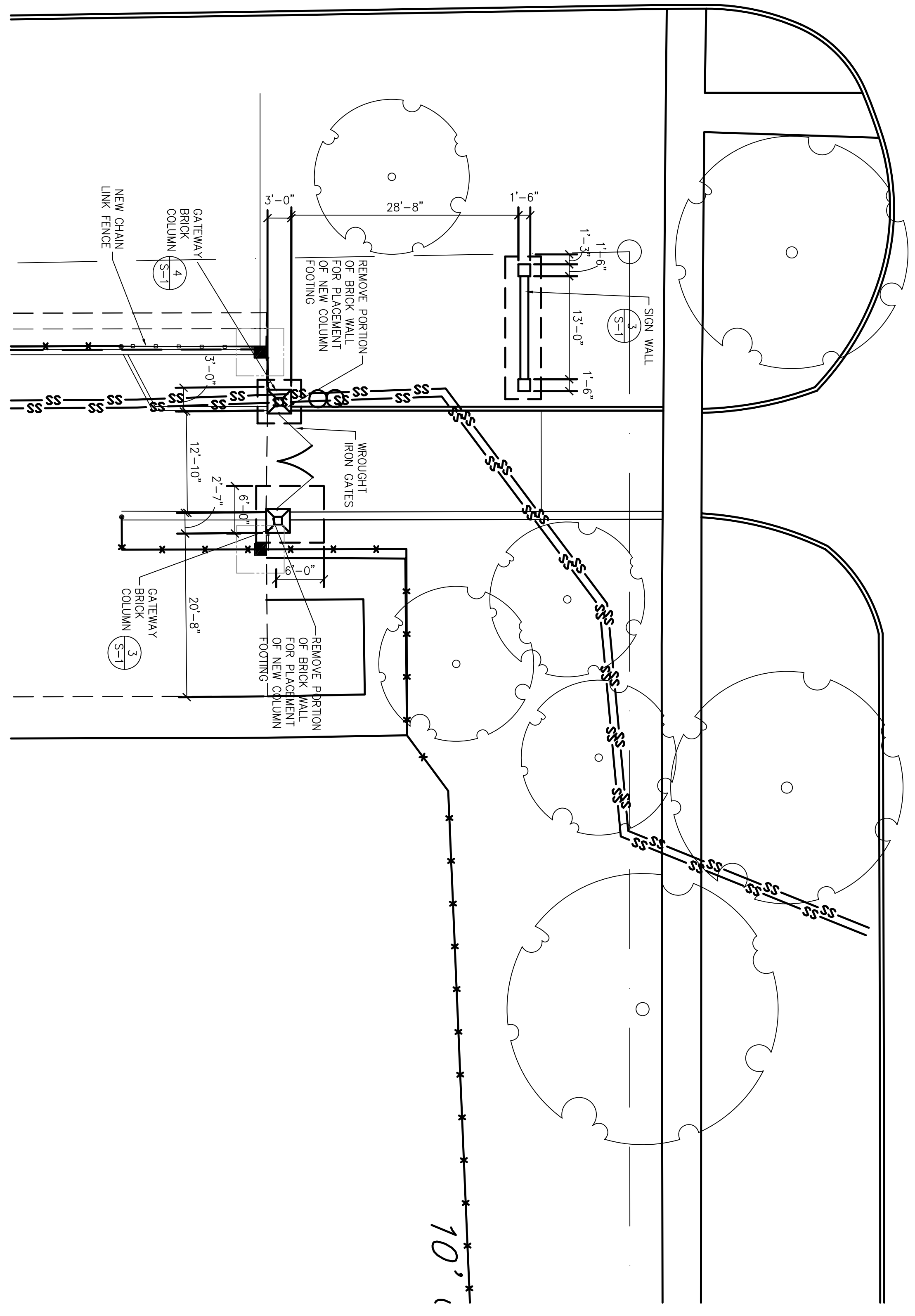
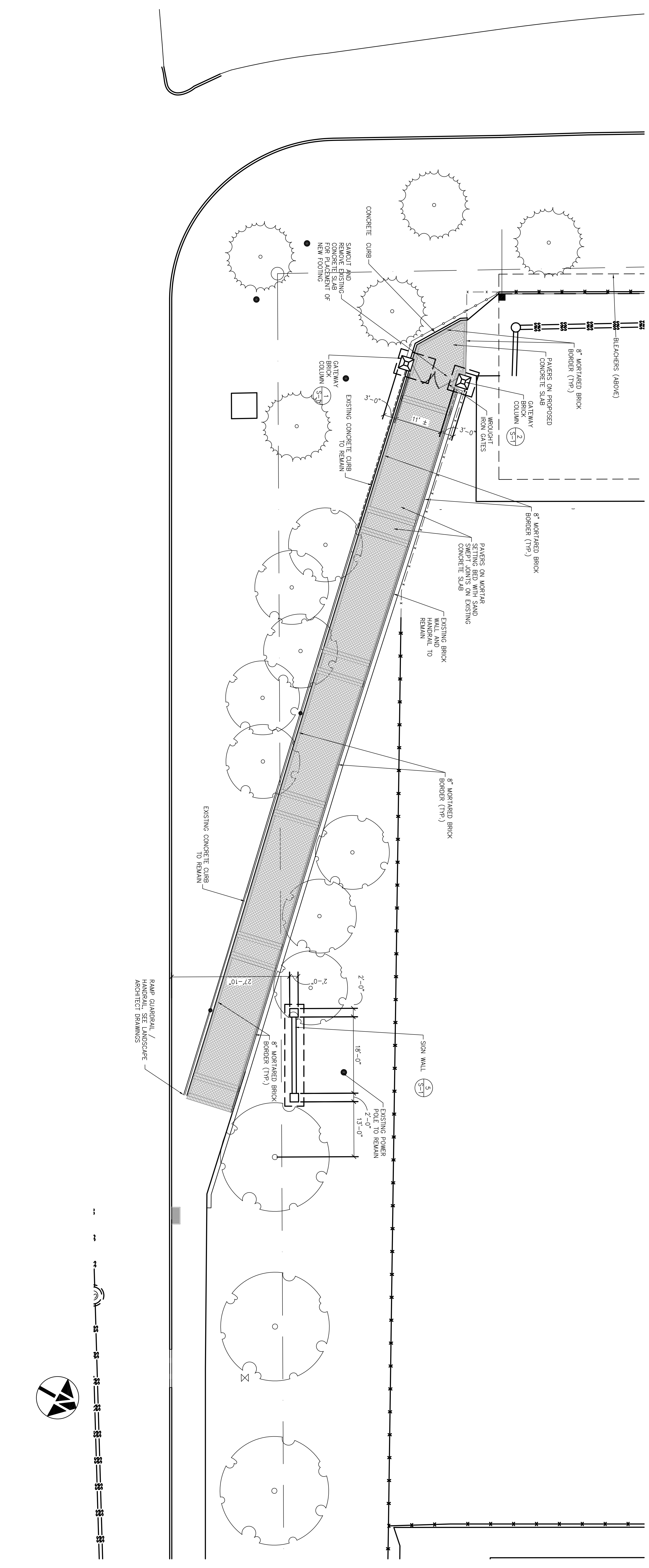
4
S-1
MAJOR GATEWAY COLUMN
AT WHALEY STREET
SCALE: 1/2" = 1'-0"

Drawn by: GMH
Checked by: GMH
Date: 11/7/11
Drawing No. S-1
Sheet No. OF

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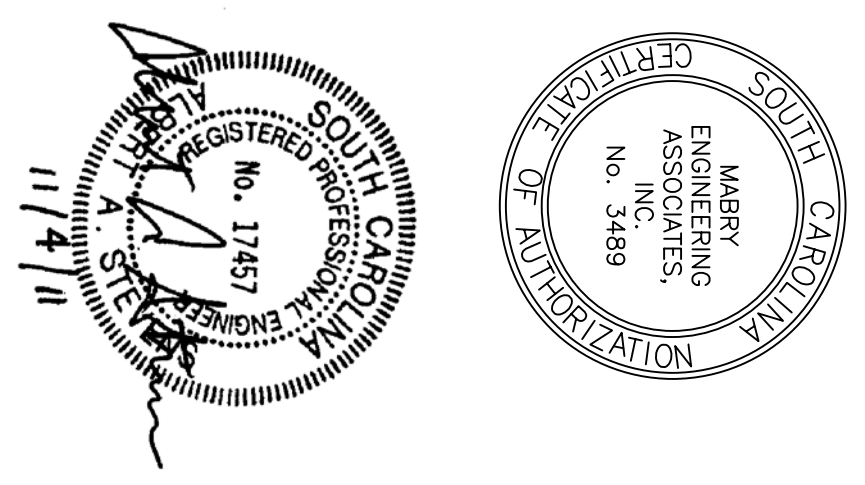
RENOVATE CONCOURSE ENTRIES AT STONE STADIUM
STRUCTURAL SECTIONS
Project Number H27-1967

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- GENERAL NOTES:**
- CAST-IN-PLACE CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS: NORMAL WEIGHT (150 PCF) 3000 PSI FOR ALL CONCRETE.
 - CONCRETE FORMWORK TO HAVE A MINIMUM FIELD STRENGTH OF 60,000 PSI.
 - ALL FORMWORK SHALL BE DESIGNED, ERECTED, SUPPORTED, AND REMOVED IN ACCORDANCE WITH THE FOLLOWING:
 - ALL FORMWORK SHALL BE DESIGNED, ERECTED, SUPPORTED AND REMOVED IN ACCORDANCE WITH THE FOLLOWING:
 - RECOMMENDED PRACTICE FOR CONCRETE FORMWORK.
 - RESPONSIBILITY: THE DESIGN, CONSTRUCTION, AND SAFETY OF ALL FORMWORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - ALL FORM, SHORES, BRACKETS, FALSEWORK, BRACING, AND OTHER LOADS IMPOSED INCLUDING THE WEIGHT OF CONCRETE SHALL BE DESIGNED TO WITHSTAND THE FULL WEIGHT OF CONCRETE TO BE PLACED THEREON. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 - CONTRACTOR SHALL VERIFY ALL TOLERANCES FOR STANDARD TOLERANCE FOR CONCRETE CONSTRUCTION AND SHORING TO BE WITHIN TOLERANCES WITHIN REQUIRED AND SHOWN ON THE CONTRACT DOCUMENTS.
 - ALL PERMANENTLY VISIBLE EDGES OF CONCRETE SHALL HAVE A 3/4" CONCRETE FINISH. THIS INCLUDES ALL SLABS, BEAMS, COLUMNS, AND WALLS.
 - CHECK WITH VARIOUS TRADES FOR SLEEVES, OPENINGS, CONDUITS, ETC.
 - ALL CONCRETE WALLS, BEAMS, RAFTS, ETC. SHALL HAVE CORNER BARS (SAME SIZE AND SPACING AS HORIZONTAL REINFORCEMENT) LINED, EMBEDDED IN CAST-IN-PLACE CONCRETE.
 - VERIFY LOCATIONS OF ALL WALLS, OPENINGS, JOINTS, CHAMFERS, AND OTHER DETAILS WITH THE ARCHITECT'S ARCHITECTURAL DRAWINGS, LANDSCAPE ARCHITECTURAL DRAWINGS, AND CIVIL DRAWINGS AND DIMENSIONS WITH LANDSCAPE ARCHITECTURAL DRAWINGS.
 - SEE LANDSCAPE ARCHITECTURAL DRAWINGS FOR MISCELLANEOUS DETAILS NOT SHOWN.
 - CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND ELEVATIONS OF CONCRETE SLABS.
 - PROVIDE AND INSTALL ALL TEMPORARY BRACING AS REQUIRED FOR ALL CONCRETE WALLS AND SLABS TO MAINTAIN PLUMB AND TRUE WITHIN TOLERANCES AND SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION OR ANY FABRICATION.
 - WHERE DETAIL IS SHOWN ON STRUCTURAL DRAWINGS FOR ONE CONDITION, CONTRACTOR SHALL VERIFY ALL OTHER CONDITIONS, UNLESS NOTED OR SHOWN OTHERWISE ON PLANS.
 - ALL REINFORCING STEEL SHALL HAVE A MINIMUM LAP OF 48 BAR DIAMETERS.
 - REVIEW OF SUBMITTALS AND/OR SHOP DRAWINGS BY THE STRUCTURAL ENGINEER SHALL BE REQUIRED AND SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL SUBMIT ALL SUBMITTALS TO THE STRUCTURAL ENGINEER OF RECORD. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE STRUCTURAL ENGINEER OF RECORD WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS. TECHNICAL SECTIONS, AND PROCEDURES OF CONSTRUCTION. SEE CONTRACT DOCUMENTS FOR MORE INFORMATION.
 - APPROPRIATE JOINTS IN THE CONTRACT DOCUMENTS DEALING WITH THE SUBMITTALS, AND SHOP DRAWINGS, AND DIMENSIONS SHALL NOT BE USED. OBTAIN DIMENSIONS FROM LANDSCAPE ARCHITECT WHEN NOT GIVEN IN CONTRACT DOCUMENTS. REFER TO THE LANDSCAPE ARCHITECT AND ENGINEER FOR ANY INCONSISTENCIES FOUND.
 - WHERE CONTACT EXIST BETWEEN STRUCTURAL AND LANDSCAPE ARCHITECTURAL, USE REINFORCING IN MASONRY WALLS. FOOTING SIZE, FOOTING ELEVATION, REINFORCING, MEMBER SIZE, ETC.)

- SOIL NOTES:**
- FOOTINGS DESIGNED FOR AN ASSUMED SOIL BEARING VALUE OF 2000 PSF.
 - GEOTECHNICAL ENGINEER TO VERIFY BEARING CAPACITY HAS BEEN ACHIEVED. PRIOR TO PLACEMENT OF NEW FOOTINGS.



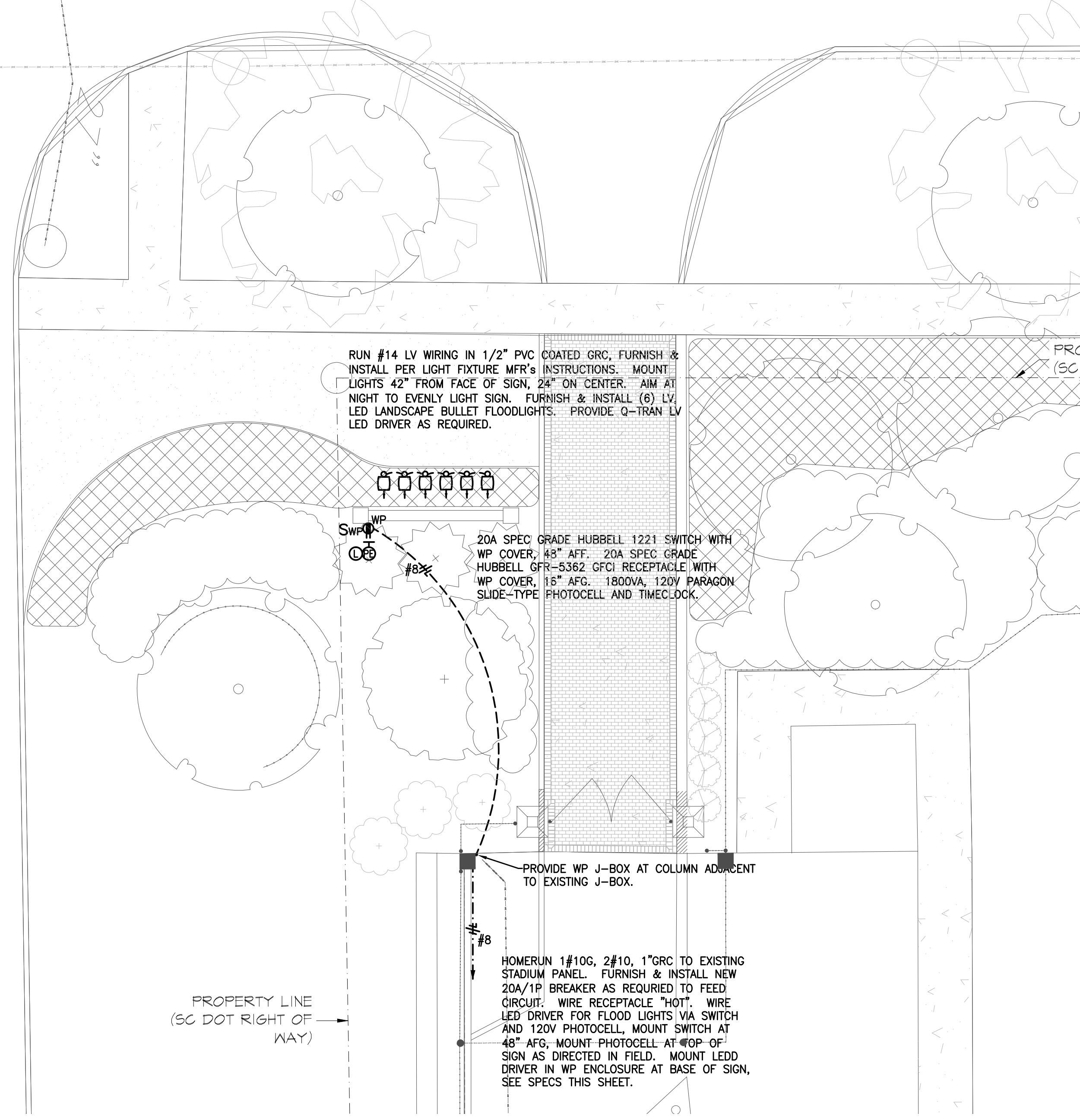
Date	Revisions

Drawn by: GMH
 Checked by: GMH
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 Drawing No. S-2
 Sheet No. OF

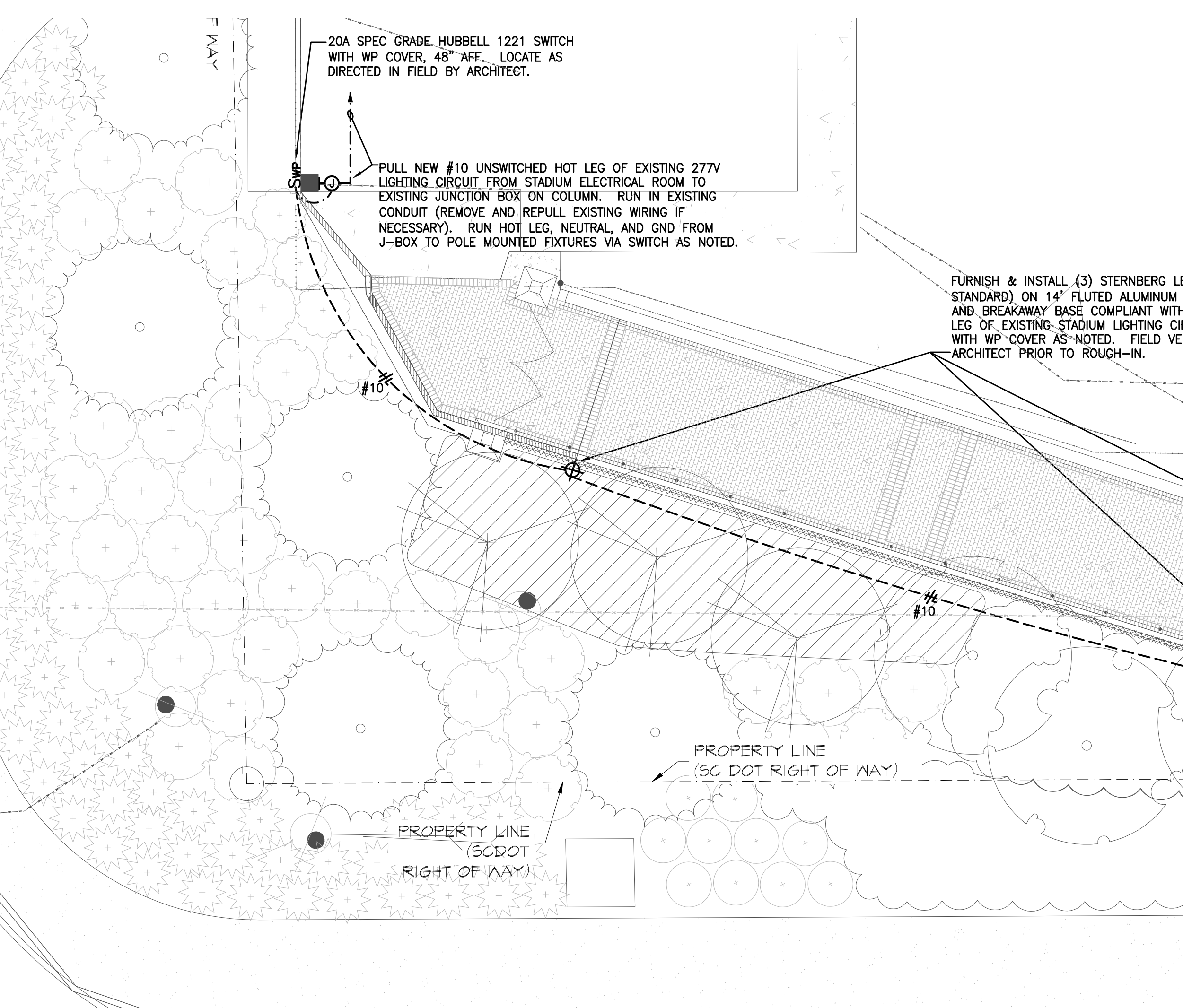
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RENOVATE CONCOURSE ENTRIES AT STONE STADIUM
 FOUNDATION PLAN AND STRUCTURAL NOTES
 Project Number H27-1967

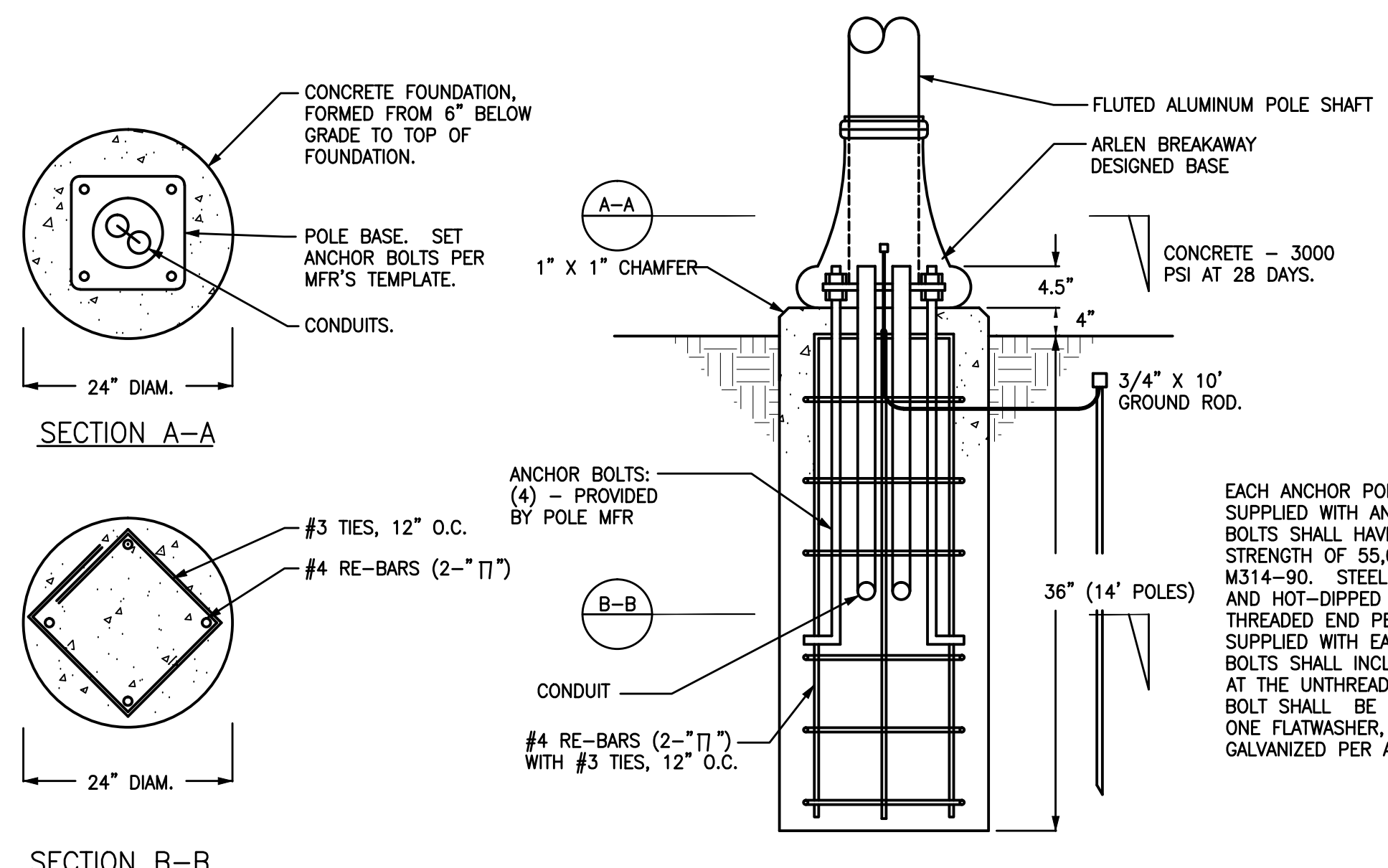
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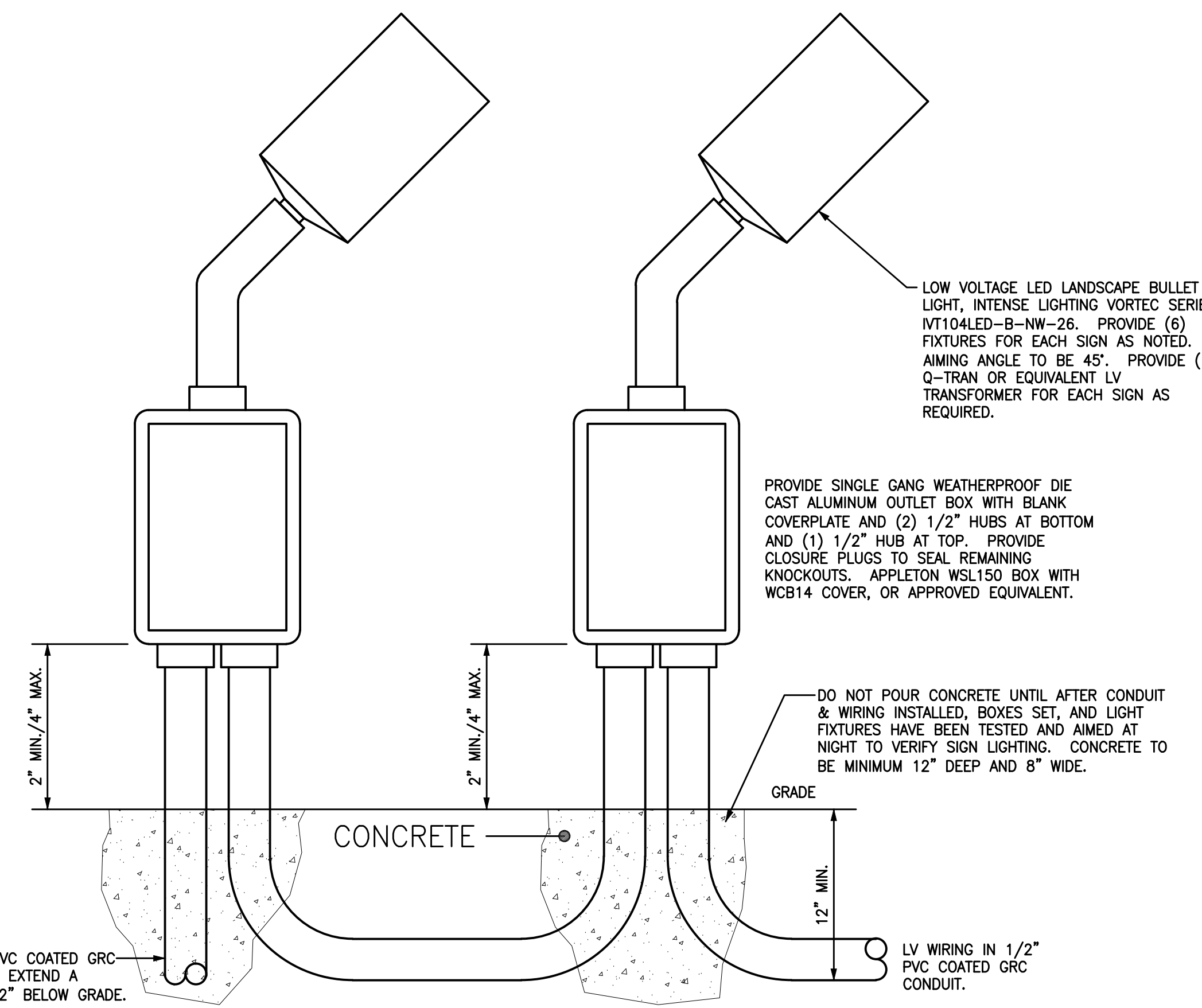
ELECTRICAL PLAN • WHALEY STREET ENTRANCE
SCALE: 1/8"=1'-0"



ELECTRICAL PLAN • HEYWARD STREET ENTRANCE
SCALE: 1/8"=1'-0"

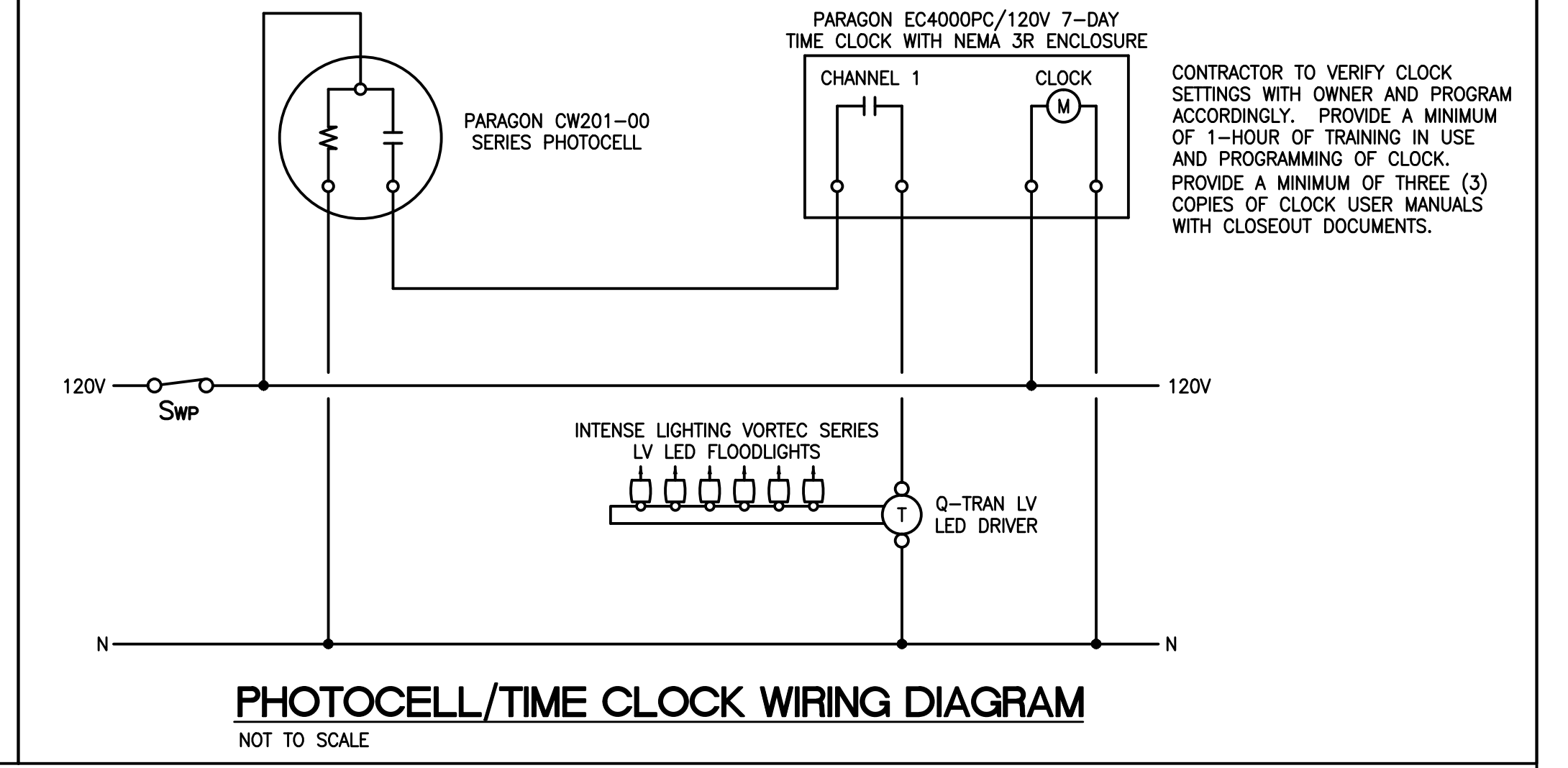


LIGHT POLE FOUNDATION DETAIL
NOT TO SCALE



LED BULLET SIGN LIGHT DETAIL
NOT TO SCALE

- SCOPE OF WORK**
THE WORK OF THIS SECTION SHALL PROVIDE COMPLETE ELECTRICAL SYSTEMS WHICH SHALL INCLUDE THE PROVIDING OF ALL CONDUCTORS, RACEWAYS, FITTINGS, CIRCUIT PROTECTIVE DEVICES, LIGHT FIXTURES, BOXES, SUPPORTS, AND ALL ASSOCIATED APPURTENANCES AND MISCELLANEOUS EQUIPMENT NECESSARY. ALL OF WHICH SHALL BE COMPLETELY CONNECTED, TESTED, ADJUSTED AND LEFT IN PROPER OPERATING CONDITION. THE ELECTRICAL SYSTEM TO BE PROVIDED SHALL INCLUDE SERVICE AND DISTRIBUTION FACILITIES POWER FOR MOTOR OPERATED EQUIPMENT, LIGHTING SYSTEMS, AND ALL OUTLETS AS COVERED HEREINAFTER.
- GENERAL NOTES:**
- ALL ELECTRICAL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE 2008 NATIONAL ELECTRICAL CODE (NEC), THE 2009 INTERNATIONAL BUILDING CODE (IBC), AND ANY LOCAL CODES, LAWS AND ORDINANCES WHICH MAY APPLY. WHERE DIFFERENCES EXIST BETWEEN THE CODES, THE STRICTER CODE SHALL APPLY.
 - ALL CONDUITS SHALL CONTAIN A GROUNDING CONDUCTOR REGARDLESS OF USE.
 - THE CONTRACTOR FOR THE WORK UNDER THIS SECTION SHALL PROCURE AND PAY FOR ALL PERMITS, FEES, AND LICENSES REQUIRED FOR THE EXECUTION OF THIS WORK. SATISFACTORY EVIDENCE OF COMPLIANCE WITH THE REQUIREMENT AND ALL CERTIFICATES OF INSPECTION SHALL BE DELIVERED TO THE OWNER PROMPTLY UPON REQUEST.
 - TYPE MC CABLE MAY NOT BE USED ON THIS PROJECT.
 - UNLESS OTHERWISE NOTED FOR 120-VOLT, 20-AMP CKTS: #10 AWG SHALL BE USED FOR HOMERUNS LONGER THAN 75 FEET #12 AWG SHALL BE USED FOR HOMERUNS 75 FEET OR SHORTER
 - MULTIWIRE BRANCH CIRCUITS USING A SHARED OR COMMON NEUTRAL ARE NOT PERMITTED ON THIS PROJECT. THE CONTRACTOR SHALL PULL A SEPARATE NEUTRAL FOR ALL 120V AND 277V CIRCUITS.
 - BRANCH CIRCUITS SHALL BE RUN CONCEALED WHERE PRACTICAL. BRANCH CIRCUITS RUN EXPOSED TO WEATHER ON EXTERIOR WALLS OR ON ROOFS SHALL BE RUN IN GRC OR IMC WITH SCREWED FITTINGS. BRANCH CIRCUITS RUN CONCEALED IN WALLS OR CEILINGS SHALL BE RUN IN EMT, GRC, OR IMC. BRANCH CIRCUITS RUN EXPOSED IN DRY, FINISHED SPACES SHALL BE RUN IN WIREMOLD SURFACE METAL RACEWAY. BRANCH CIRCUITS RUN EXPOSED IN DAMP LOCATIONS, UNFINISHED SPACES (ATTICS), AND UNOCCUPIED SPACES (STORAGE ROOM, EQUIPMENT ROOMS, JANITOR'S ROOM, ETC.) MAY BE RUN IN EMT IN LIEU OF WIREMOLD. BRANCH CIRCUITS RUN UNDERGROUND SHALL BE RUN IN PVC SCHEDULE 40 OR GRC. ALL LV WIRING FOR LV LED LIGHT FIXTURES SHALL BE RUN IN PVC COATED GRC.
 - ALL FIRE RATED WALLS, FLOORS, ETC WHICH HAVE A CONDUIT OR OTHER ELECTRICAL PENETRATION SHALL BE SEALED TO EQUAL THE RATING OF THE WALL, FLOOR, ETC. THAT IS PENETRATED. CONTRACTOR SHALL USE A U.L. RATED AND LISTED ASSEMBLY FOR THE SEALING MATERIAL AND METHOD. COORDINATE MANUFACTURER WITH THE GENERAL CONTRACTOR SO THAT ALL TRADES ON THE PROJECT USE THE SAME MANUFACTURER.
 - REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS, LOCATIONS, CABINETS, ETC.
 - CONCEAL ALL CONDUIT AND FITTINGS EXCEPT WHERE THE ARCHITECT GRANTS SPECIFIC PERMISSION.
 - ALL WORK AND MATERIALS SHALL BE GUARANTEED FOR ONE YEAR FROM DATE OF ACCEPTANCE.
 - PROVIDE ONE COMPLETE SET OF ELECTRICAL DRAWINGS MARKED UP FOR RECORD DRAWINGS. SHOW ALL LOCATIONS OF EQUIPMENT AND MATERIALS.
 - INSTALL ALL MATERIALS PER MANUFACTURER'S INSTRUCTIONS.
 - IDENTIFY MAJOR EQUIPMENT INSTALLED WITH LAMICOR LABELS.
 - VISIT SITE TO DETERMINE EXISTING CONDITIONS PRIOR TO SUBMITTING BID.
 - ALL RACEWAYS, FIXTURES, WIRING, DEVICES, AND EQUIPMENT RENEDED USELESS BY THIS WORK SHALL BE REMOVED AND DELIVERED TO THE OWNER'S STORAGE FACILITY AS DIRECTED. ANY MATERIAL NOT WANTED BY THE OWNER SHALL BE DISPOSED OF BY THE CONTRACTOR.
 - ELECTRICAL CONTRACTOR SHALL DO ALL CUTTING AND PATCHING AS REQUIRED TO INSTALL HIS WORK. FINISH PATCHING AND PAINTING WILL BE DONE BY THE GENERAL CONTRACTOR.
 - PRIOR TO DIGGING ANY TRENCHES, NOTIFY ALL UTILITIES AND OBTAIN LOCATIONS OF UNDERGROUND UTILITIES. ANY DAMAGES DONE TO UNDERGROUND UTILITIES OR PIPING BY THIS CONTRACTOR WILL BE REPAIRED BY THE OWNER OF THE LINE IN A SATISFACTORY MANNER. THIS CONTRACTOR WILL BEAR ALL COSTS FOR REPAIRS.
 - CONDUITS TO BE RUN UNDER WALKWAYS AND PAVINGS SHALL BE INSTALLED BY JACKING OR BORING, UNLESS NOTED. DO NOT CUT WALKWAYS OR PAVEMENTS, UNLESS ACCEPTABLE TO THE ENGINEER. ALLOWED CUTS IN PAVEMENT OR CONCRETE SHALL BE MADE USING A PAVEMENT SAW, AND SHALL BE PATCHED TO MATCH THE EXISTING SURFACE.
 - WHERE DISAGREEMENTS EXIST ON THE DESIGN DOCUMENTS, THE ITEM OR ARRANGEMENTS OF BETTER QUALITY, GREATER QUANTITY, OR HIGHER COST SHALL BE INCLUDED IN THE BASE BID. ANY DISCREPANCIES BETWEEN THE DRAWINGS, SPECIFICATIONS, AND FIELD CONDITIONS SHALL BE RESOLVED WITH THE ENGINEER PRIOR TO COMMENCING WORK. ALL AGREEMENTS SHALL BE VERIFIED IN WRITING.
 - ALL WORK UNDER THIS SECTION SHALL BE COORDINATED WITH OTHER TRADES TO INSURE PROPER LOCATION OF OUTLETS AND EQUIPMENT CONNECTIONS, AND TO MINIMIZE CONFLICTS WITH STRUCTURAL MEMBERS, DUCT WORK, PIPING, ETC. CONFLICTS BETWEEN EQUIPMENT AND/OR MATERIAL LOCATIONS SHALL BE CORRECTED AS DIRECTED BY THE ARCHITECT-ENGINEER AT NO ADDITIONAL COST TO THE OWNER.



PHOTOCELL/TIME CLOCK WIRING DIAGRAM
NOT TO SCALE

- LOW VOLTAGE LED FLOODLIGHTS: FURNISH & INSTALL (6) OF THE FOLLOWING BLACK LED LANDSCAPE BULLET FLOODLIGHTS AT EACH SIGN LOCATION:
 - INTENSE LIGHTING VORTEC SERIES N1104LED-B-NW-26
- LV LED DRIVER SPECS: FURNISH & INSTALL THE FOLLOWING AT EACH SIGN LOCATION AS REQUIRED TO FEED THE NOTED LV LED LIGHT FIXTURES:
 - (1) Q-TRAN QSET-ELED-60-120/12V LV LED DRIVER
 - (1) Q-TRAN Q-VAULT-5 DIRECT BURIAL OUTDOOR ENCLOSURE ASSEMBLY
 - Q-TRAN QW-14/2 Q-WIRE, LENGTHS AS REQUIRED
 - Q-TRAN SPLICE KITS AND OTHER ACCESSORIES AS REQUIRED

BID SET [c11078]

Drawn by: CLP
Checked by: CLP
Date: 2/1/12
Drawing No. E101
Sheet No. 1 OF 1

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Revisions	Date

GRIMBALL & ASSOCIATES
RENOVATE CONCOURSE ENTRIES AT STONE STADIUM
ELECTRICAL PLAN
 Project Number H27-1967
 LANDSCAPE ARCHITECTS & LAND PLANNERS
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