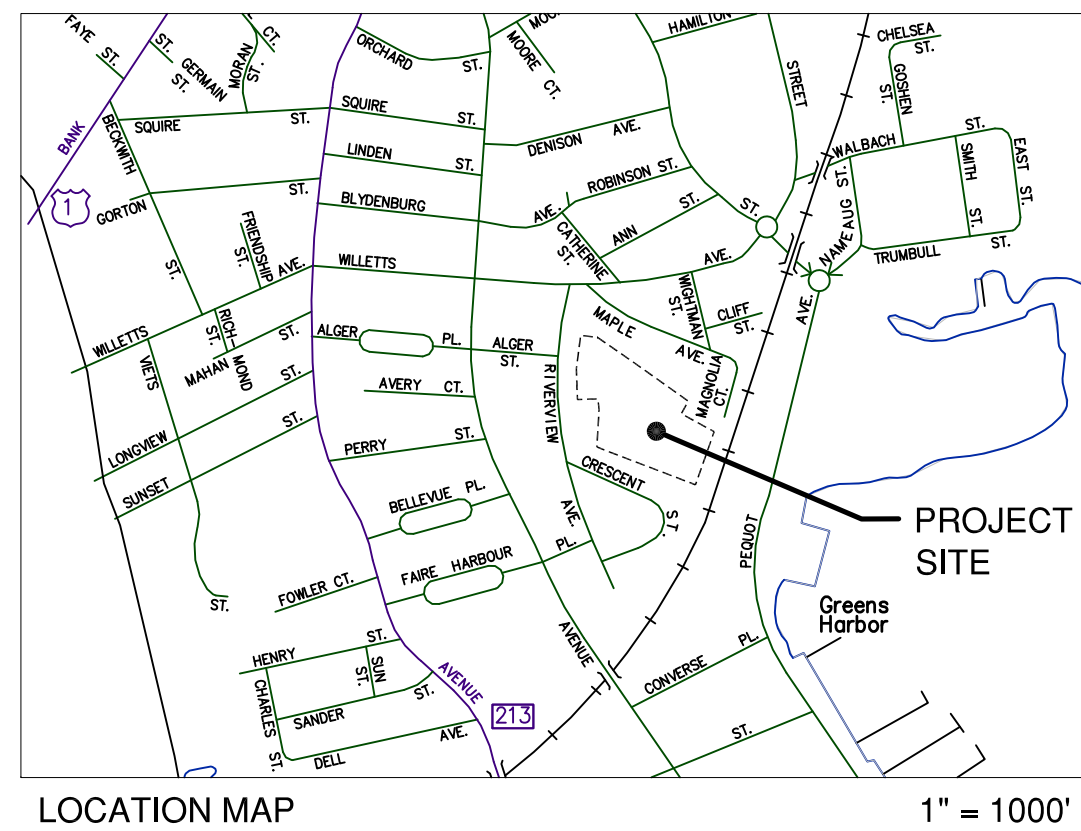
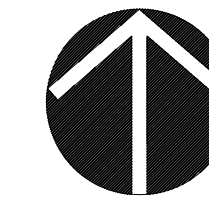


Site Improvements at CALKINS PARK

Riverview Avenue New London, CT



100% CONSTRUCTION DOCUMENTS
COMMISSION SUBMISSION DRAWINGS
12.21.2012



CONTENTS

Drawing No.	Title
GN.01	General Notes
1	Topographic Survey
L-1.0	Demolition and Site Preparation Plan
L-1.1	Site Layout Plan
L-2.0	Grading, Utilities and Erosion and Sediment Control Plan
L-3.0	Planting and Wetland Mitigation Plan
L-4.0 - L-4.4	Site Details
ES-1	Erosion and Sediment Control Notes and Details
A.01	Existing Conditions and Building Plans
A.02	Existing Conditions Building Elevations
A.03	Proposed Building Improvements



Prepared by:

Scope of Work:

1. Modify existing wetland to remove invasive plant species, provide enhanced visibility into park for security and provide enhanced biodiversity for wetland through construction of bioswale/rain gardens.
2. Modify and enhance existing sport fields to provide four soccer fields and a softball field at optimum orientations. Topdress, regrade and reseed fields for drainage and better quality of turf.
3. Redesign existing walking path to provide universally accessible surface. add 1/4-mile markers and some tree canopy for shade around walking path.
4. Add new backstop and portable bleachers for softball field
5. Renovate exterior of building on Riverview Avenue and renovate interior restrooms (ADA accessible) and exterior of building at parking lot off Crescent Street.
6. Secure park from unauthorized vehicular access through additional fencing.

Barun Basu
associates

architecture, planning, and programming
26 Broad Street, New London, 06320
(860) 444-0034

Landscape Architecture
Landscape Ecology
Cultural Landscape Preservation



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TO

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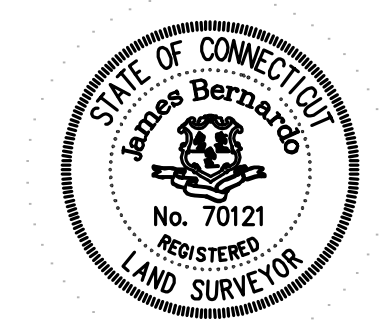
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CALKINS PARK
RIVERVIEW AVENUE
NEW LONDON, CT

NOTES

REVISIONS

STAMPS

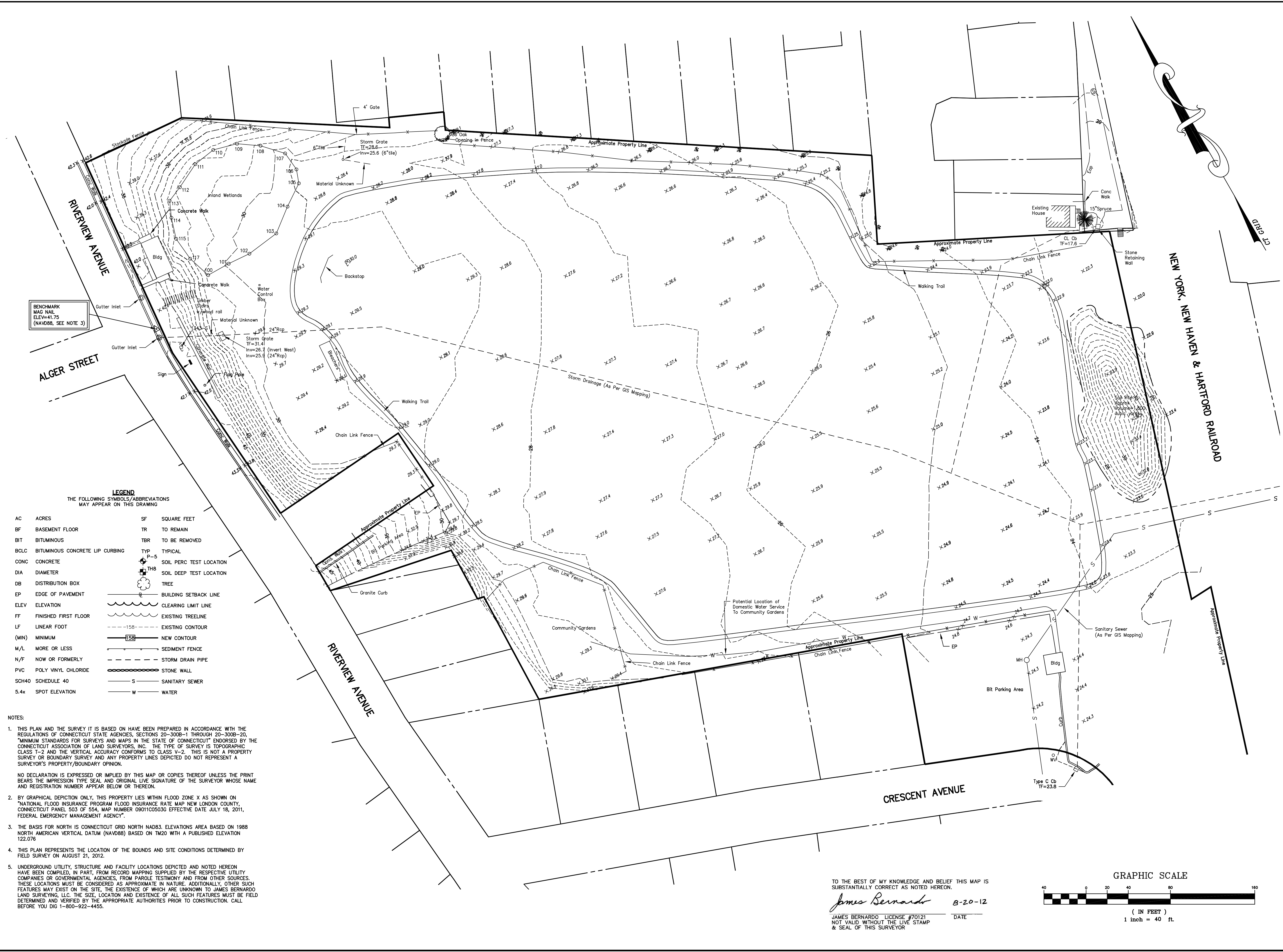


DATE: 08-15-12
 JOB NO. 12-047 CALKINS PARK
 DRAWN BY: JB
 CHECKED BY: JB

DRAWING TITLE:
TOPOGRAPHIC SURVEY

SHEET NO.

1



BENCHMARK
 MAG NAIL
 ELEV=41.75
 (NAVD88, SEE NOTE 3)

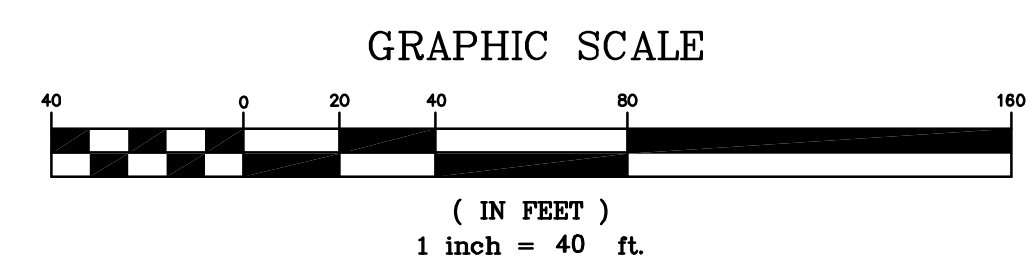
LEGEND
 THE FOLLOWING SYMBOLS/ABBREVIATIONS
 MAY APPEAR ON THIS DRAWING

AC	ACRES	SF	SQUARE FEET
BF	BASEMENT FLOOR	TR	TO REMAIN
BIT	BITUMINOUS	TBR	TO BE REMOVED
BCLC	BITUMINOUS CONCRETE LIP CURBING	TYP	TYPICAL
CONC	CONCRETE	P-5	SOIL PERC TEST LOCATION
DIA	DIAMETER	TH8	SOIL DEEP TEST LOCATION
DB	DISTRIBUTION BOX	TREE	TREE
EP	EDGE OF PAVEMENT	---	BUILDING SETBACK LINE
ELEV	ELEVATION	---	CLEARING LIMIT LINE
FF	FINISHED FIRST FLOOR	---	EXISTING TREELINE
LF	LINEAR FOOT	---	EXISTING CONTOUR
(MIN)	MINIMUM	---	NEW CONTOUR
M/L	MORE OR LESS	---	SEDIMENT FENCE
N/F	NOW OR FORMERLY	---	STORM DRAIN PIPE
PVC	POLY VINYL CHLORIDE	---	STONE WALL
SCH40	SCHEDULE 40	S	SANITARY SEWER
5.4x	SPOT ELEVATION	W	WATER

NOTES:

- THIS PLAN AND THE SURVEY IT IS BASED ON HAVE BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300B-1 THROUGH 20-300B-20, "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. THE TYPE OF SURVEY IS TOPOGRAPHIC CLASS T-2 AND THE VERTICAL ACCURACY CONFORMS TO CLASS V-2. THIS IS NOT A PROPERTY SURVEY OR BOUNDARY SURVEY AND ANY PROPERTY LINES DEPICTED DO NOT REPRESENT A SURVEYOR'S PROPERTY/BOUNDARY OPINION.
 NO DECLARATION IS EXPRESSED OR IMPLIED BY THIS MAP OR COPIES THEREOF UNLESS THE PRINT BEARS THE IMPRESSION TYPE SEAL AND ORIGINAL LIVE SIGNATURE OF THE SURVEYOR WHOSE NAME AND REGISTRATION NUMBER APPEAR BELOW OR THEREON.
- BY GRAPHICAL DEPICTION ONLY, THIS PROPERTY LIES WITHIN FLOOD ZONE X AS SHOWN ON "NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP NEW LONDON COUNTY, CONNECTICUT PANEL 503 OF 554, MAP NUMBER 09010503G EFFECTIVE DATE JULY 18, 2011, FEDERAL EMERGENCY MANAGEMENT AGENCY".
- THE BASIS FOR NORTH IS CONNECTICUT GRID NORTH NAD83. ELEVATIONS AREA BASED ON 1988 NORTH AMERICAN VERTICAL DATUM (NAVD88) BASED ON TM20 WITH A PUBLISHED ELEVATION 122.076
- THIS PLAN REPRESENTS THE LOCATION OF THE BOUNDS AND SITE CONDITIONS DETERMINED BY FIELD SURVEY ON AUGUST 21, 2012.
- UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENTAL AGENCIES, FROM PAROLE TESTIMONY AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO JAMES BERNARDO LAND SURVEYING, LLC. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION. CALL BEFORE YOU DIG 1-800-922-4455.

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS
 SUBSTANTIALLY CORRECT AS NOTED HEREON.
James Bernardo 8-20-12
 JAMES BERNARDO LICENSE #70121 DATE
 NOT VALID WITHOUT THE LIVE STAMP
 & SEAL OF THIS SURVEYOR





CITY OF NEW LONDON
INLAND WETLAND & CONSERVATION COMMISSION
 111 Union Street New London, CT 06320-Phone (860) 437-6379-Fax (860) 437-4467

IWC PERMIT #2012-01 (09/13/2012)

HAND DELIVERED TO DEPARTMENT OF PUBLIC WORKS

September 14, 2012

Tim Hanser – Director
 Department of Public Works
 City of New London
 111 Union Street
 New London, CT 06320

RE: Inland Wetlands & Conservation Commission Public Hearing – 09/13/2012
Map F17/Block 70/Lot 25.0,02 Riverview Avenue & Crescent Street – Calkins Park
Renovation & site improvements to Calkins Park

Dear Mr. Hanser:

On September 13, 2012 the City of New London's Inland Wetlands & Conservation Commission (hereinafter referred to as the Commission) received for the record and conducted a public hearing for the above referenced application submitted by you for an Inland Wetlands Permit for the above referenced site.

Please be advised that the City of New London's Inland Wetlands & Conservation Commission considered your application with due regard for the matters enumerated in Section 22a-41 of the Connecticut General Statutes and in accordance with Section 10 of the Regulations for the Protection and Preservation of Inland Wetlands and Watercourses of the City of New London, Connecticut, and has found that the proposed work, as specified and conditioned below, is in conformance with the purposes and provisions of said section. Additionally the Commission made the following finding(s):

The authorized activity consists of the renovation & site improvements to Calkins Park (Riverview Avenue & Crescent Street - Map F17/ Block 70/ Lot 25.0,02) including the redesign of existing playing fields, enhancement of walkway, renovation to existing storage buildings and restrooms within an existing wetland as well as within the one hundred foot Upland Review Area (100'-URA) as illustrated in a set of plans (pages 1-5) entitled, "Site Improvements at Calkins Park Riverview Avenue New London" dated August 22, 2012 (unrevised) and prepared by W. Phillips Barlow, Licensed Landscape Architect of To Design LLC.

M:\Mch\IWC\Conservation Commission\Permit\2012\CalkinsPark\Fld\091312\12.doc

T. HANSER
 SEPTEMBER 14, 2012
 IWC PERMIT #2012-01 (09/13/2012)
 Page 2 of 4

This approval is granted subject to the following nine (9) boilerplate conditions of Wetland Permits:

- The permittee shall notify the Office of Development and Planning immediately upon the commencement of work and upon its completion.
- If the authorized activity is not completed on or before **September 13, 2017**, said activity shall cease and, if not previously revoked or specifically extended, this permit shall be null and void.
- All work and all regulated activities conducted pursuant to this authorization shall be consistent with the terms and conditions of this permit. Any structures, excavation, fill, obstructions, encroachments or regulated activities not specifically identified and authorized herein shall constitute a violation of this permit and may result in its modification, suspension, or revocation. Upon initiation of the activities authorized herein, the permittee thereby accepts and agrees to comply with the terms and conditions of this permit.
- This authorization is not transferable without the written consent of the New London Conservation Commission.
- In evaluating this application, the Commission has relied on information provided by the applicant and, if such information subsequently proves to be false, deceptive, incomplete and/or inaccurate this permit shall be modified, suspended or revoked.
- This permittee shall employ best management practices, consistent with the terms and conditions of this permit, to control storm water discharges and to prevent erosion and sedimentation and to otherwise prevent pollution of wetlands or watercourses. For information and/or technical assistance, contact Michelle Johnson, Wetlands Enforcement Officer. The permittee shall immediately inform the Office of Development and Planning of any problems involving wetlands or watercourses which have developed in the course of, or which are caused by, the authorized work.
- No equipment or material including without limitation, fill, construction materials, or debris, shall be deposited, placed, or stored in any wetland or watercourse on or off site unless specifically authorized by this permit.
- This permit is subject to and does not derogate any present or future property rights or other rights or powers of the City of New London, and conveys no property rights in real estate of material nor any exclusive privileges, and is further subject to any and all public and private rights and to any federal, state, or local laws or regulations pertinent to the property or activity affect hereby.

M:\Mch\IWC\Conservation Commission\Permit\2012\CalkinsPark\Fld\091312\12.doc

T. HANSER
 SEPTEMBER 14, 2012
 IWC PERMIT #2012-01 (09/13/2012)
 Page 3 of 4

- Timely implementation and maintenance of sediment and erosion control measures are a condition of this permit. (All sediment and erosion control measures must be maintained until all disturbed areas are stabilized.)

In addition to the aforementioned nine (9) boilerplate conditions of approval the Commission hereby attaches the following additional conditions to this approval:

- Plantings in the proposed bio-swale/rain garden areas shall be evaluated following planting of the basin and at increments of one (1) month for the first growing season, and annually thereafter or as directed by the Wetlands Enforcement Officer or her designee. In the event that it is determined that hydraulic conditions are not sufficient to support bio-swale/rain garden areas, a revised plan for said bio-swale/rain garden areas shall be submitted to the City's Inland Wetland's Commission or their designee for review and approval. Applicant shall monitor plantings for a minimum of **four (4) years** post construction as well as replacement of any plantings that die during this **four (4) year** time frame. This monitoring and replacement requirement of the planting shall be incorporated into the notes of plan set.
- Any substitutions of planting in the bio-swale/rain garden areas shall be submitted to the Wetlands Enforcement Officer and/or the Commission designee for review and approval prior to planting.
- Applicant and/or their engineer shall ensure that only clean fill is used for the site that is free of invasive species.
- The above referenced plans shall be revised to state the date of this approval by the Conservation Commission and its expiration date. Also the text of the conditions of this approval shall be added to the plan.
- A pre-construction meeting shall be held with City staff, the contractor, landscape architect and any additional personnel the applicant and/or City staff deem necessary to be attendance.
- Additional erosion and sedimentation control materials, including silt fencing, hay bales, wood chips, and crushed stone be kept on-site and installed as may be required by the Wetlands Enforcement Officer or his/her designee either directly with unforeseen erosion and sedimentation control needs.
- Plans shall be modified to add a detail of the proposed permeable asphalt walking surface.

M:\Mch\IWC\Conservation Commission\Permit\2012\CalkinsPark\Fld\091312\12.doc

The City of New London's Inland Wetlands & Conservation Commission has considered this application with due regard for the matters enumerated in Section 22a-41 of the General Statutes and in accordance with Section 10 of the Regulations for the Protection and Preservation of Inland Wetlands and Watercourses of the City of New London, Connecticut, and has found that the proposed work, as specified and conditioned in this memorandum, is in conformance with the purposes and provisions of said section.

This authorization constitutes the permit required by Section 22a-39 of the Connecticut General Statutes, as amended.

Permit Approval Date: September 13, 2012
Permit Expiration Date: September 13, 2017

Sincerely,

Michelle Johnson, ZEO/DAA
 Zoning & Wetlands Enforcement Officer

cc: File
 W. Camosci – NL DPW
 Elena Pascarella – Landscape Elements, LLC

M:\Mch\IWC\Conservation Commission\Permit\2012\CalkinsPark\Fld\091312\12.doc

DEMOLITION NOTES

- CONTRACTOR SHALL STRIP AND STORE TOPSOIL IN ALL AREAS TO BE DISTURBED OR REGRADED.
- ALL MATERIAL TO BE REMOVED SHALL BE LEGALLY DISPOSED OF BY THE CONTRACTOR AWAY FROM THE SITE OR DELIVERED AS DIRECTED BY THE OWNER. STOCKPILE TOPSOIL AT LOCATION DESIGNATED ON PLAN.
- LOCATION OF ALL UTILITIES ARE SHOWN DIAGRAMMATICALLY & MAY BE INCOMPLETE. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UTILITIES PRIOR TO THE START OF CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES DONE BY THIS WORK SHALL BE REPAIRED BY THE CONTRACTOR.
- DO NOT STOCKPILE, PARK OR PERFORM ANY MECHANICAL OPERATIONS WITHIN THE DRIPLINE OF EXISTING TREES AS INDICATED IN THE DETAILS. NO STORAGE OF MATERIALS OR SOIL SHALL BE ALLOWED IN THESE AREAS. ALL FILL AND EXCAVATION REQUIRED WITHIN THE DRIPLINE OF ALL EXISTING TREES TO REMAIN SHALL BE COMPLETED BY HAND UNLESS OTHERWISE APPROVED BY LANDSCAPE ARCHITECT.
- THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING TREES AND VEGETATION. DAMAGE TO VEGETATION SHALL BE REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS BY THE CONTRACTOR.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AT 1.800.922.4455, THE RESPECTIVE UTILITY COMPANIES AND LOCAL AUTHORITIES TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES. ANY COSTS INCURRED BY THE CONTRACTOR AS A RESULT OF FAILURE TO CONTACT PROPER AUTHORITIES SHALL BE BORN BY THE CONTRACTOR.
- OWNER'S REPRESENTATIVE SHALL BE CONSULTED BEFORE ANY WORK SHALL COMMENCE.
- PRIOR TO COMMENCEMENT OF WORK, CONTRACTOR SHALL SECURE ALL PERMITS REQUIRED FROM ANY UTILITY COMPANY OR OTHER GOVERNMENT AGENCIES HAVING JURISDICTION OVER THE WORK.
- CARE SHOULD BE TAKEN IN ALL EXCAVATIONS DUE TO POSSIBLE EXISTENCE OF UNRECORDED UTILITY LINES.
- CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DUE TO HIS CONTRACT OPERATIONS.
- CONTRACTOR SHALL PROTECT AND SUSTAIN IN NORMAL SERVICE ALL EXISTING UTILITIES, STRUCTURES, EQUIPMENT, ROADWAYS AND DRIVEWAYS.
- CONTRACTOR SHALL MAINTAIN PROPER SIGNS, BARRICADES, AND FENCES TO PROPERLY PROTECT THE WORK EQUIPMENT, PERSONS AND PROPERTY FROM DAMAGE.
- ALL ITEMS REQUIRING REMOVAL SHALL BE REMOVED TO FULL DEPTH TO INCLUDE BASE MATERIAL AND FOOTINGS OR FOUNDATIONS AS APPLICABLE, AND LEGALLY DISPOSED OF OFF-SITE BY CONTRACTOR.

LAYOUT NOTES

- THE CONTRACTOR SHALL COMPLY WITH ALL STATE, LOCAL AND FEDERAL REGULATIONS.
- MATERIALS AND CONSTRUCTION PROCEDURES SHALL COMPLY WITH CT DOT FORM 816 AND THE CITY OF NEW LONDON SPECIFICATIONS.
- CONTRACTOR TO SECURE ALL NECESSARY TRADE PERMITS.
- NEW PAVEMENT TO MEET LINE & GRADE OF EXISTING PAVEMENTS.
- CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DUE TO CONSTRUCTION ACTIVITIES.
- LOAM AND SEED ALL DISTURBED AREAS NOT COVERED BY OTHER IMPROVEMENTS.
- ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED.
- ALL LOCATIONS WHERE EXISTING CURBING, BITUMINOUS CONCRETE ROADWAY OR CONCRETE ROADWAY OR CONCRETE SIDEWALK ABOUT NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO PROVIDE A CLEAN, SMOOTH EDGE. TACK COAT EXPOSED EDGES OF EXISTING CONCRETE PRIOR TO PLACEMENT OF NEW BITUMINOUS CONCRETE PAVEMENT.
- FIELD ADJUSTMENTS MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE AND APPROPRIATE MUNICIPAL OFFICIALS PRIOR TO CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE VERTICAL AND HORIZONTAL POSITION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL CONTROL DUST CAUSED BY HIS OPERATIONS BY APPLYING WATER OR DUST PALLIATIVE, OTHER THAN CALCIUM CHLORIDE.
- CONTRACTOR SHALL CONTROL NOISE TO AS GREAT AN EXTENT AS POSSIBLE. ALL POWER EQUIPMENT USED DURING CONSTRUCTION SHALL BE EQUIPPED WITH MUFFLERS.
- MANUFACTURED ITEMS SHALL BE INSTALLED, CONNECTED AND CLEANED ACCORDING TO THE MANUFACTURERS DIRECTIONS.
- PRIOR TO PROJECT CLOSE-OUT, CONTRACTOR SHALL REMOVE ALL DEBRIS AND EXCESS MATERIALS FROM SITE. ALSO, ANY DAMAGE TO FIELD OR FACTORY APPLIED FINISHES SHALL BE REPAIRED.

GRADING AND UTILITY NOTES

- PROPOSED GRADES INDICATE INTENT. THE CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS AS REQUIRED TO MEET FIELD CONDITIONS.
- WHERE FIELD CONDITIONS CALL FOR ON-SITE ADJUSTMENTS OF FINISHED GRADES, THE OWNER'S REPRESENTATIVE SHALL MAKE THE FINAL DETERMINATION.
- CONTRACTOR TO TAKE AND VERIFY ALL DIMENSIONS AND CONDITIONS OF THE JOB AND BE RESPONSIBLE FOR THE SAME. NOTIFY LANDSCAPE ARCHITECT OF DISCREPANCIES PRIOR TO BEGINNING WORK.
- EROSION CONTROL FABRIC TO BE USED ON ALL SLOPES GREATER THEN 3:1
- STRIP AND STOCKPILE TOPSOIL FOR REUSE ON SITE.
- PITCH ALL WALKS AT 2% CROSS SLOPE UNLESS OTHERWISE NOTED.
- ADJUST ALL EXISTING AND PROPOSED UTILITY FRAMES, GRATES, MANHOLE COVERS, VALVE BOXES, ETC. TO BE FLUSH WITH THE PROPOSED SURFACE.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH APPLICABLE STANDARDS.
- ALL EXCESS MATERIAL, EXCEPT TOPSOIL, SHALL BE LEGALLY DISPOSED OF OUTSIDE THE PROJECT LIMITS.
- REFERENCE IS MADE IN THESE DOCUMENTS TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 816, 2004 AND SUPPLEMENTS THERETO.
- DAMAGE TO EXISTING UTILITIES AS A RESULT OF THE CONTRACTOR'S OR ANY OF HIS SUBCONTRACTOR'S ACTIVITIES DURING THE CONSTRUCTION PROCESS SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEWATERING DURING THE EXECUTION OF HIS WORK.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES IS DEVELOPED FROM THE BEST AVAILABLE INFORMATION. THE ACTUAL LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF EXCAVATION ACTIVITIES.
- ACCESS AND UTILITIES TO EXISTING FACILITIES MUST BE MAINTAINED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR MUST MAINTAIN SUFFICIENT TRAVEL LANE(S), APPROVED BY THE OWNER, TO ENABLE ALL EMERGENCY VEHICLES TO ACCESS THE ENTIRE PROJECT SITE.
- CONTRACTOR TO VERIFY THAT ALL EXISTING UTILITIES TO BE REUSED ARE FUNCTIONAL.

PLANTING NOTES

- ALL PLANTING MATERIAL TO BE NURSERY GROWN STOCK SUBJECT TO APPLICABLE A.A.N. STANDARDS.
- THE CONTRACTOR SHALL SUPPLY ALL PLANTS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THE DRAWINGS AND LISTED IN THE PLANT LIST. IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN IN THE PLANT LIST AND THOSE REQUIRED BY THE DRAWINGS, THE LARGER NUMBER SHALL APPLY.
- ALL PLANTS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION AND SHALL BE LOCATED AT THE GROWING SITE BY THE CONTRACTOR, FOR THE APPROVAL OF THE LANDSCAPE ARCHITECT. ANY INSTALLATIONS WHICH WERE NOT APPROVED BY THE LANDSCAPE ARCHITECT AND WHICH ARE SUBSEQUENTLY REQUESTED TO BE REMOVED, WILL BE DONE AT THE CONTRACTORS EXPENSE.
- PRECISE LOCATION OF ITEMS NOT DIMENSIONED ON THE PLAN ARE TO BE FIELD STAKED BY THE CONTRACTOR AND SHALL BE SUBJECT TO THE REQUIREMENTS SPECIFIED IN THE PREVIOUS NOTE.
- ALL SHRUB AND TREE PITS SHALL BE MULCHED TO A DEPTH OF 3" WITH SHREDDED PINE BARK MULCH.
- THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGED VEGETATION AND SHALL REPLACE OR REPAIR ANY DAMAGE, AT HIS OWN EXPENSE.
- ALL SHRUB AND GROUND COVER PLANTING AREAS SHALL HAVE CONTINUOUS BEDS OF TOPSOIL, 18" DEEP.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES IN THE FIELD, WHERE PLANT MATERIAL MAY INTERFERE WITH UTILITIES, THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT TO COORDINATE THEIR INSTALLATION.
- PLANTINGS INSTALLED IN THE DRY SUMMER MONTHS AND/OR LAWN SEEDS OUT OF SPRING OR FALL PERIODS, IF ALLOWED BY OWNER, WILL REQUIRE AGGRESSIVE IRRIGATION PROGRAMS AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE DIRECTED BY THE OWNER.
- SUBSTITUTIONS PERMITTED ONLY UPON WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.
- PLANT TAGS TO REMAIN ON ALL PLANT MATERIAL UNTIL FINAL ACCEPTANCE. CONTRACTOR TO THEN REMOVE ALL PLANT TAGS.
- WHERE A SIZE RANGE IS GIVEN IN THE PLANT SCHEDULE, AT LEAST 50% OF THE PLANTS PROVIDED SHALL BE OF THE LARGER SIZE.
- CONTRACTOR TO GUARANTEE ALL PLANT MATERIAL FOR ONE YEAR AFTER DATE OF FINAL ACCEPTANCE.
- CONTRACTOR TO MAINTAIN ALL PLANT MATERIAL UNTIL 60 DAYS AFTER FINAL ACCEPTANCE UNLESS NOTED OTHERWISE IN SPECS.
- TOPSOIL AND SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES AND NOT COVERED BY OTHER SITE IMPROVEMENTS.

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SITE IMPROVEMENTS
AT CALKINS PARK
RIVERVIEW AVENUE
NEW LONDON, CT

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NOTES

- LANDSCAPE ELEMENTS LLC ASSUMES NO RESPONSIBILITY IF THE WORK IS NOT INSTALLED AS PER THE PLANS OR IF FIELD CHANGES ARE MADE WITHOUT THE KNOWLEDGE AND APPROVAL OF THIS LANDSCAPE ARCHITECT.
- SITE LAYOUT INFORMATION IS BASED ON SURVEY DATED

REVISIONS

STAMPS



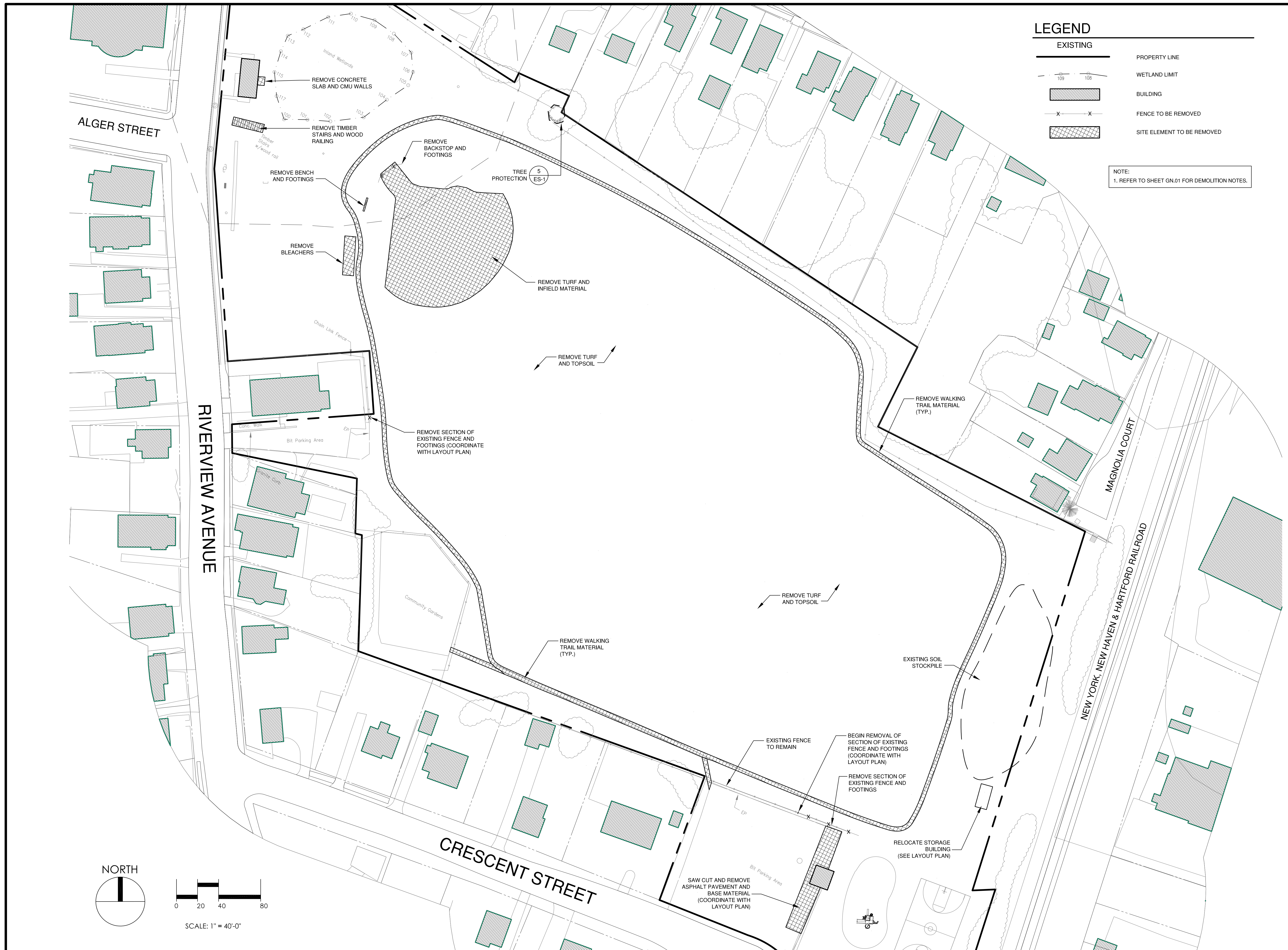
100% CONSTRUCTION DOCUMENTS

DATE: 12-21-12
 JOB NO. 5593
 DRAWN BY: GM
 CHECKED BY: EMP

DRAWING TITLE:

GENERAL NOTES

SHEET NO.
GN.01



LEGEND

EXISTING

- PROPERTY LINE
- - - WETLAND LIMIT
- ▭ BUILDING
- X - X - FENCE TO BE REMOVED
- ▨ SITE ELEMENT TO BE REMOVED

NOTE:
1. REFER TO SHEET GN.01 FOR DEMOLITION NOTES.

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**SITE IMPROVEMENTS
AT CALKINS PARK
RIVERVIEW AVENUE
NEW LONDON, CT**

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2. SITE LAYOUT INFORMATION IS BASED ON SURVEY DATED

REVISIONS

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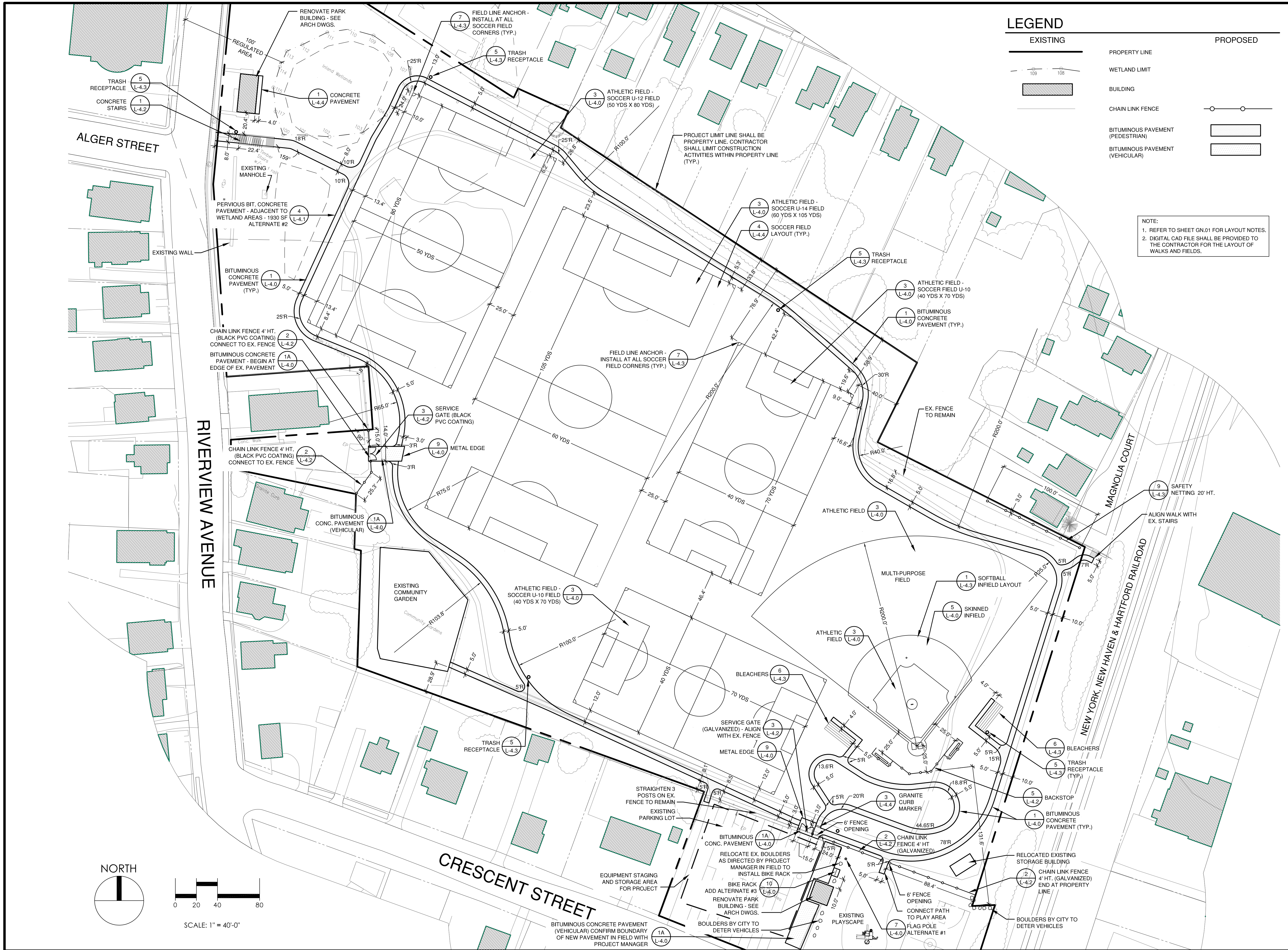


**100%
CONSTRUCTION
DOCUMENTS**

DATE: 12-21-12
JOB NO. 5593
DRAWN BY: GM
CHECKED BY: EMP

**DEMOLITION AND
SITE PREPARATION**

SHEET NO.
L-1.0
4 OF 16



SITE IMPROVEMENTS AT CALKINS PARK RIVERVIEW AVENUE NEW LONDON, CT

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 - SITE LAYOUT INFORMATION IS BASED ON SURVEY DATA.

REVISIONS

NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		
6		
7		
8		
9		



100% CONSTRUCTION DOCUMENTS



SOIL DATA

SOIL TYPE: UD
 DESCRIPTION:
 UD-UDORTHERTS, LOAMY. THIS MAP UNIT CONSISTS OF NEARLY LEVEL AND GENTLY SLOPING AREAS WHERE THE ORIGINAL SOILS HAVE BEEN CUT AWAY OR COVERED WITH A LOAMY FILL MATERIAL. MOST AREAS HAVE BEEN GRADED TO A SMOOTH SURFACE. AREAS ARE DOMINANTLY ON UPLANDS BUT ARE IN ALMOST EVERY LANDSCAPE POSITION. AREAS RANGE IN SIZE FROM 6 TO 200 ACRES. SLOPES ARE SMOOTH OR IRREGULAR, AND RANGE FROM 0 TO 25 PERCENT BUT ARE DOMINANTLY 0 TO 5 PERCENT.

NOTE:
 1. PROJECT AREA IS NOT IN A FLOOD HAZARD ZONE AS NOTED ON FEMA MAPPING DATED JULY 11, 2011.

LEGEND

EXISTING	PROPOSED
PROPERTY LINE	PROPERTY LINE
WETLAND LIMIT	WETLAND LIMIT
BUILDING	BUILDING
CHAIN LINK FENCE	CHAIN LINK FENCE
CONTOUR 1 FT	CONTOUR 1 FT
CONTOUR 5 FT	CONTOUR 5 FT
SPOT GRADE	SPOT GRADE
FLOW ARROW	FLOW ARROW
MANHOLE	MANHOLE
YARD DRAIN	YARD DRAIN
STORM DRAINAGE PIPE	STORM DRAINAGE PIPE
WATER LINE	WATER LINE
SANITARY SEWER	SANITARY SEWER
SILT FENCE	SILT FENCE
HAY BALES	HAY BALES
CONSTRUCTION ENTRANCE	CONSTRUCTION ENTRANCE

NOTES:
 1. REFER TO SHEET GN.01 FOR GRADING AND UTILITY NOTES.
 2. CONTRACTOR TO DIG TEST PIT IN PROXIMITY OF CATCH BASIN INSTALLATION PRIOR TO MAKING CONNECTION. INVERT ELEVATION TO BE PROVIDED TO CIVIL ENGINEER FOR FINAL DESIGN. CONTRACTOR TO CUT BACK EXISTING PIPE 5 FEET OR TO NEAREST JOINT, WHICHEVER IS GREATER, FROM PROPOSED CATCH BASIN LOCATION AND CONNECT TO PROPOSED CATCH BASIN USING SIMILAR MATERIALS.

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REVISIONS

STAMPS

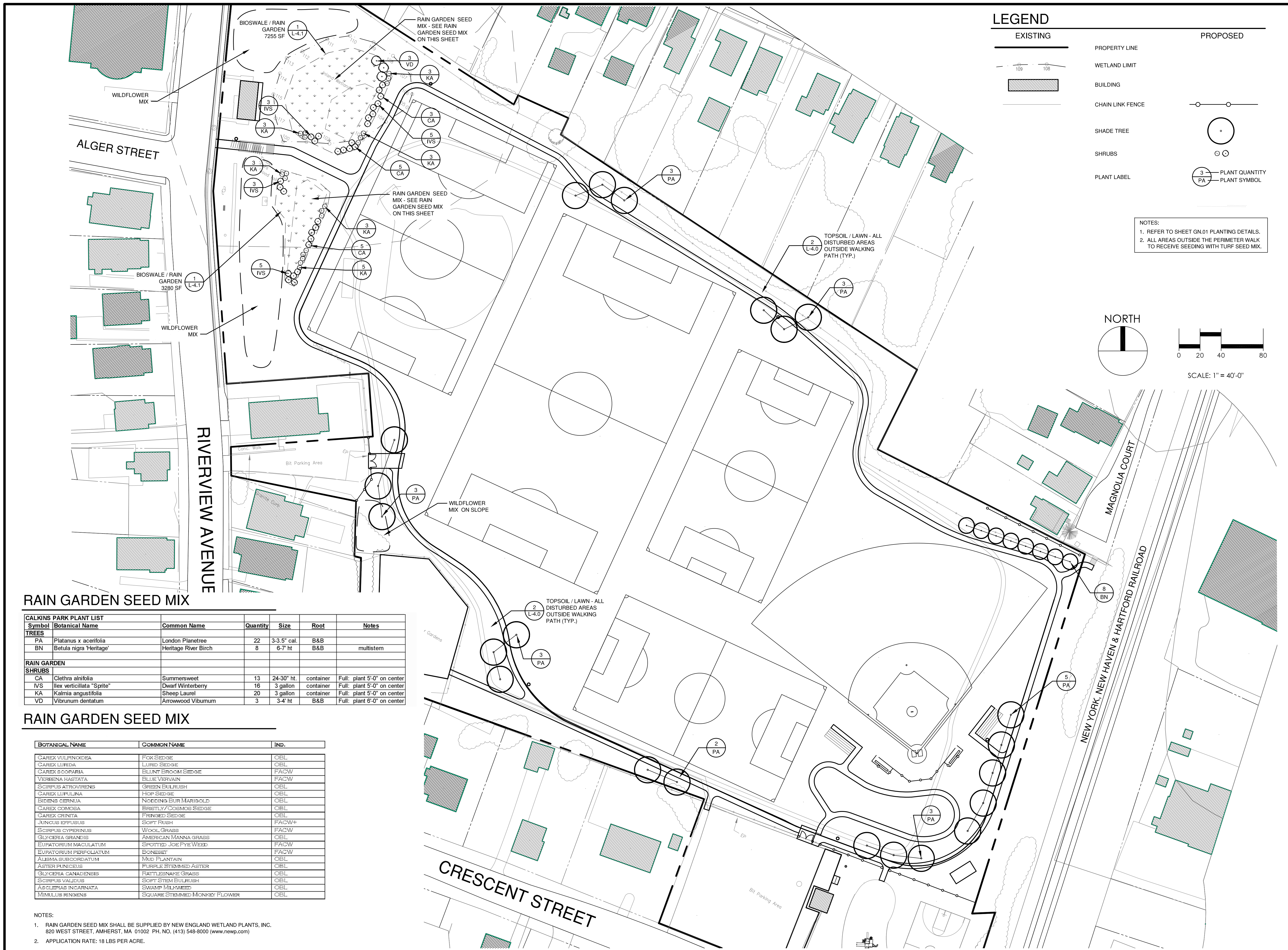


100% CONSTRUCTION DOCUMENTS

DATE: 12-21-12
 JOB NO. 5593
 DRAWN BY: GM
 CHECKED BY: EMP

DRAWING TITLE:
GRADING, UTILITIES AND EROSION AND SEDIMENT CONTROL PLAN

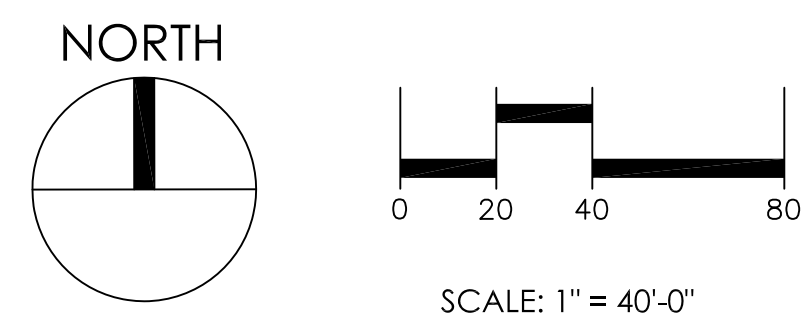
SHEET NO.
L-2.0



LEGEND

EXISTING	PROPOSED
PROPERTY LINE	PROPERTY LINE
WETLAND LIMIT	WETLAND LIMIT
BUILDING	BUILDING
CHAIN LINK FENCE	CHAIN LINK FENCE
SHADE TREE	SHADE TREE
SHRUBS	SHRUBS
PLANT LABEL	PLANT QUANTITY PLANT SYMBOL

NOTES:
 1. REFER TO SHEET GN.01 PLANTING DETAILS.
 2. ALL AREAS OUTSIDE THE PERIMETER WALK TO RECEIVE SEEDING WITH TURF SEED MIX.



RAIN GARDEN SEED MIX

Symbol	Botanical Name	Common Name	Quantity	Size	Root	Notes
TREES						
PA	Platanus x acerifolia	London Planetree	22	3-3.5" cal.	B&B	
BN	Betula nigra 'Heritage'	Heritage River Birch	8	6-7' ht	B&B	multistem
RAIN GARDEN SHRUBS						
CA	Clethra alnifolia	Summersweet	13	24-30" ht.	container	Full: plant 5'-0" on center
IVS	Ilex verticillata "Sprite"	Dwarf Winterberry	16	3 gallon	container	Full: plant 5'-0" on center
KA	Kalmia angustifolia	Sheep Laurel	20	3 gallon	container	Full: plant 5'-0" on center
VD	Viburnum dentatum	Arrowwood Viburnum	3	3-4' ht	B&B	Full: plant 6'-0" on center

RAIN GARDEN SEED MIX

BOTANICAL NAME	COMMON NAME	IND.
CAREX VULPINODEA	FOX SEDGE	OBL
CAREX LURIDA	LURID SEDGE	OBL
CAREX SCOPARIA	BILUNT BROOM SEDGE	FACW
VERBENA HASTATA	BLUE VERVAIN	FACW
SCIRPUS ATROVIRENS	GREEN BULLRUSH	OBL
CAREX LUPULINA	HOP SEDGE	OBL
BIDENS CERNUA	NODDING BUR MARIGOLD	OBL
CAREX COMOSA	BRISTLY/COSMOS SEDGE	OBL
CAREX CRINITA	FRINGED SEDGE	OBL
JUNCUS EFFUSUS	SOFT RUSH	FACW+
SCIRPUS CYPERSINUS	WOOL GRASS	FACW
GLYCERIA GRANDIS	AMERICAN MANNA GRASS	OBL
EUPATORIUM MACULATUM	SPOTTED JOE-PYE WEEED	FACW
EUPATORIUM PERIFOLIATUM	BONNET	FACW
ALBISMA SUBCORDATUM	MUD PLANTAIN	OBL
ASTER PUNICEUS	PURPLE STEMMED ASTER	OBL
GLYCERIA CANADIENSIS	RATTLESNAKE GRASS	OBL
SCIRPUS VALIDUS	SOFT STEM BULLRUSH	OBL
ASCLEPIAS INCARNATA	SWAMP MILKWEEED	OBL
MIMULUS RINGENS	SQUARE STEMMED MONKEY FLOWER	OBL

NOTES:
 1. RAIN GARDEN SEED MIX SHALL BE SUPPLIED BY NEW ENGLAND WETLAND PLANTS, INC. 820 WEST STREET, AMHERST, MA 01002 PH. NO. (413) 548-8000 (www.newp.com)
 2. APPLICATION RATE: 18 LBS PER ACRE.

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STAMPS

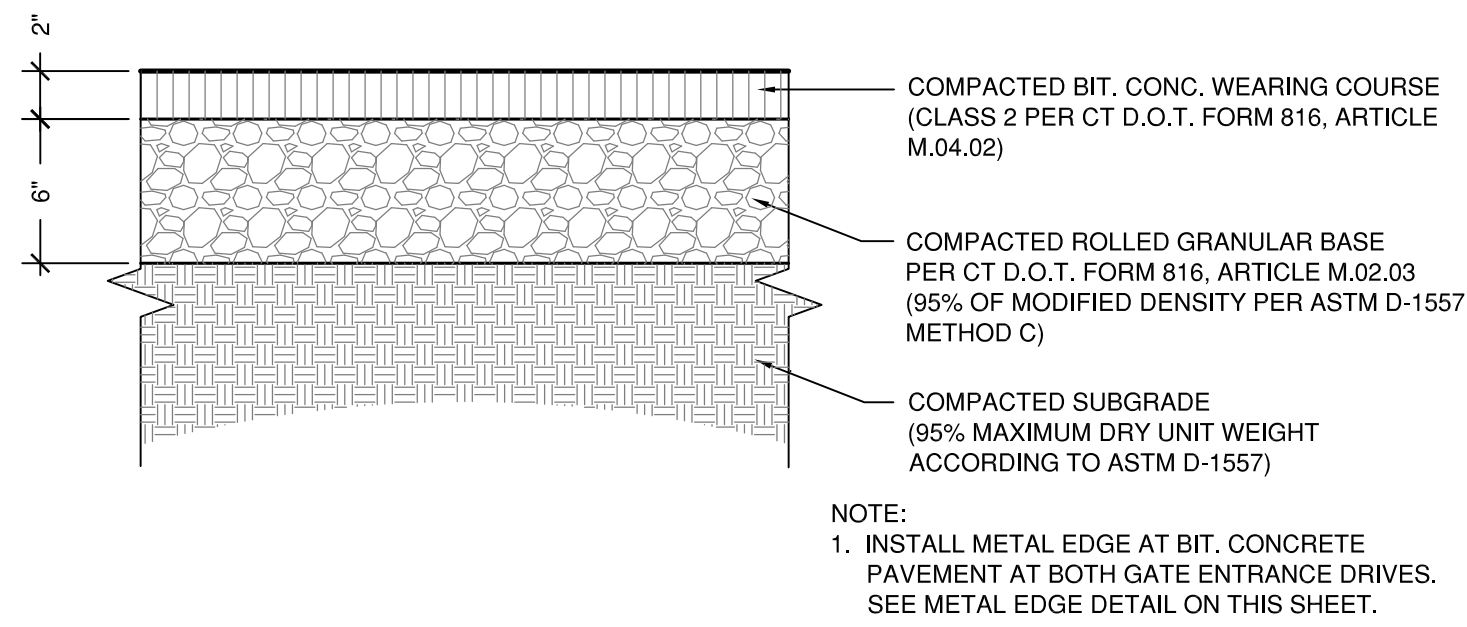


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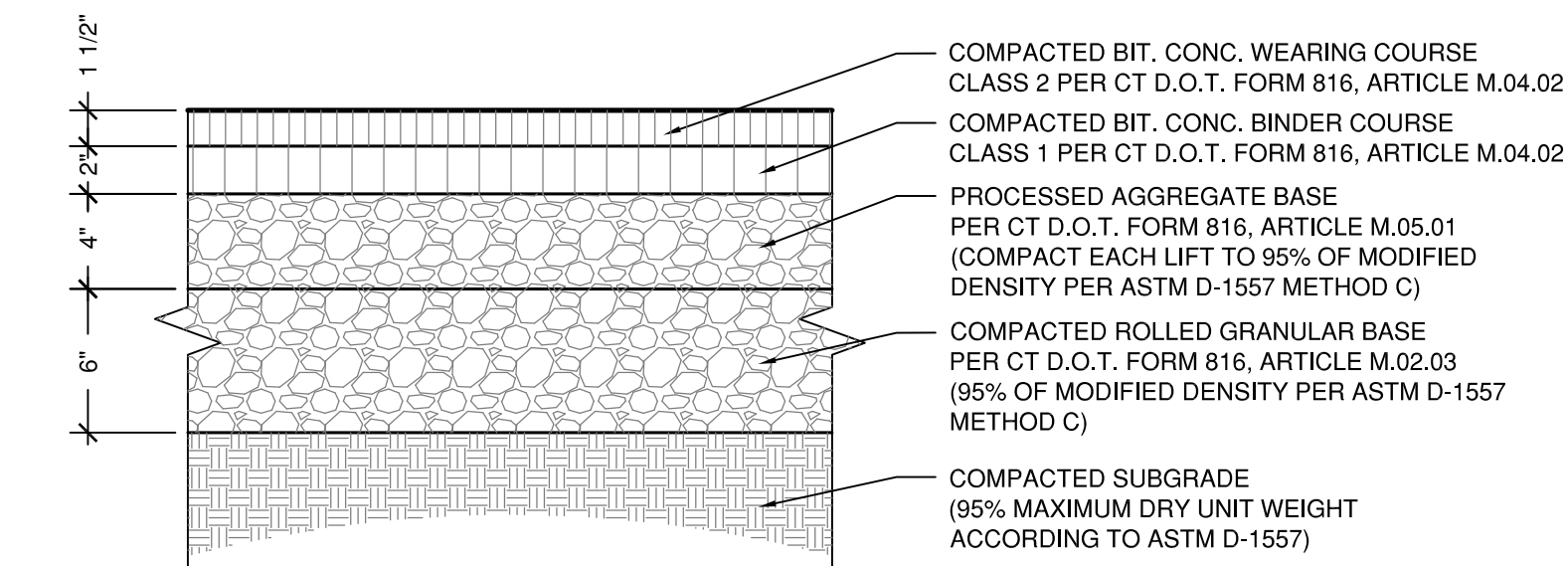
DATE: 12-21-12
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 DRAWN BY: GM
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PLANTING AND WETLAND MITIGATION PLAN

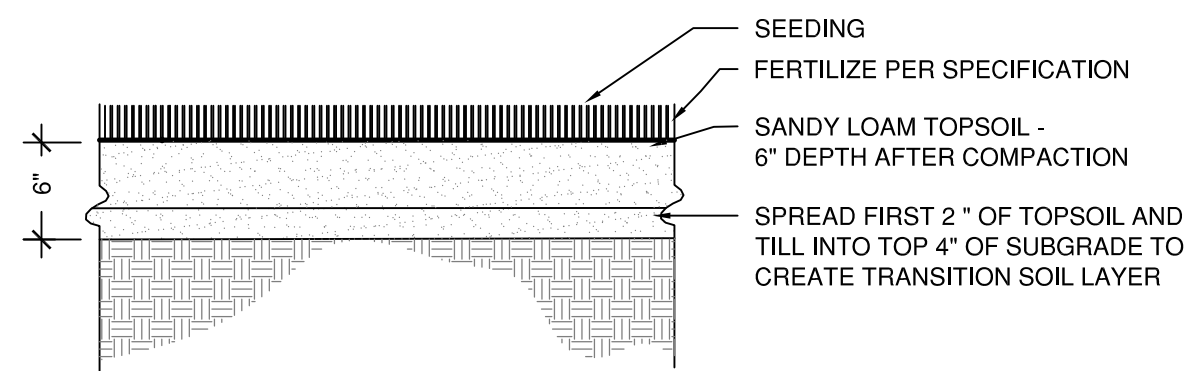
SHEET NO. **L-3.0**
 7 OF 16



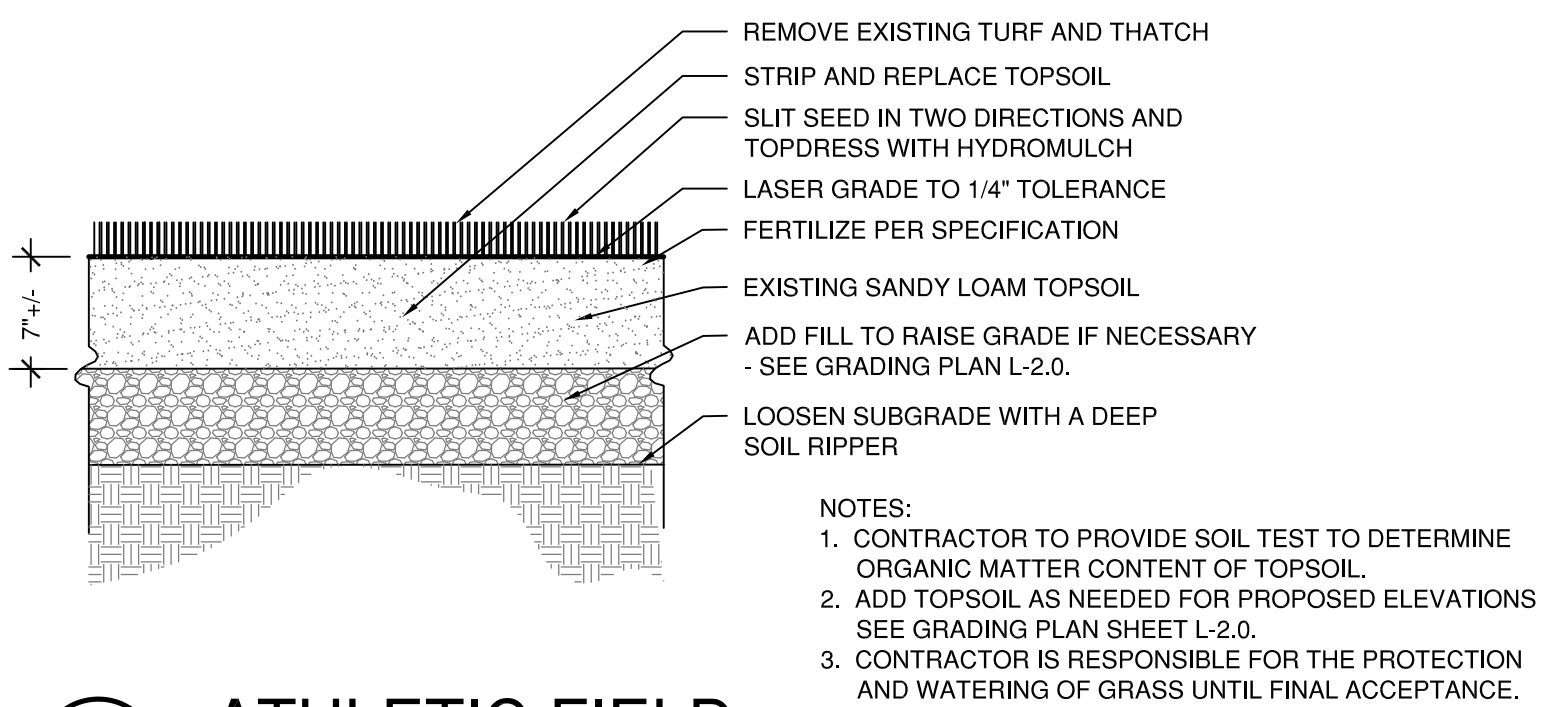
1 BITUMINOUS CONC. PAVEMENT
SCALE 1 1/2" = 1'-0"



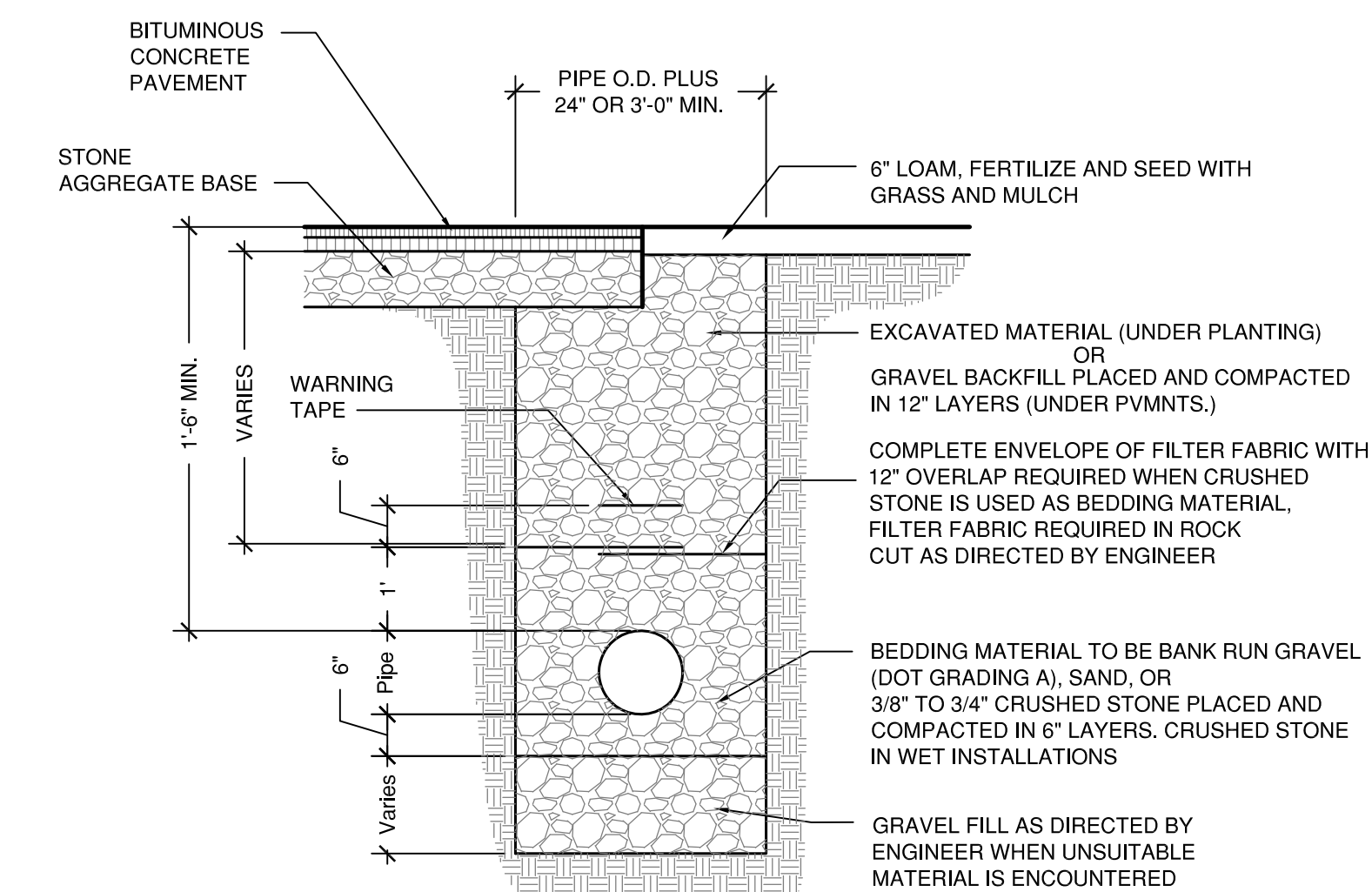
1A BITUMINOUS CONC. PAVEMENT (VEHICULAR)
SCALE 1 1/2" = 1'-0"



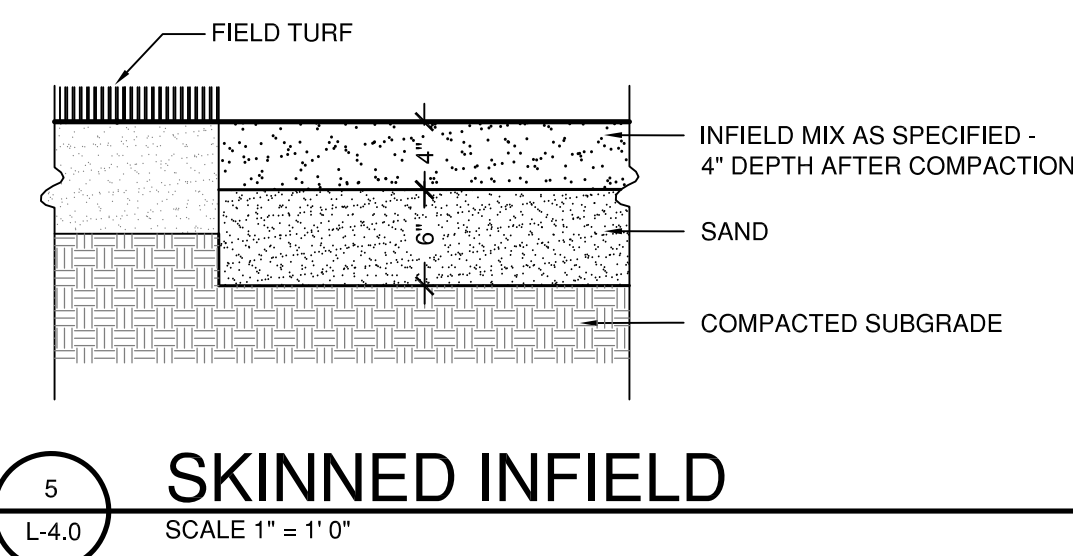
2 TOPSOIL/LAWN
SCALE 1" = 1'-0"



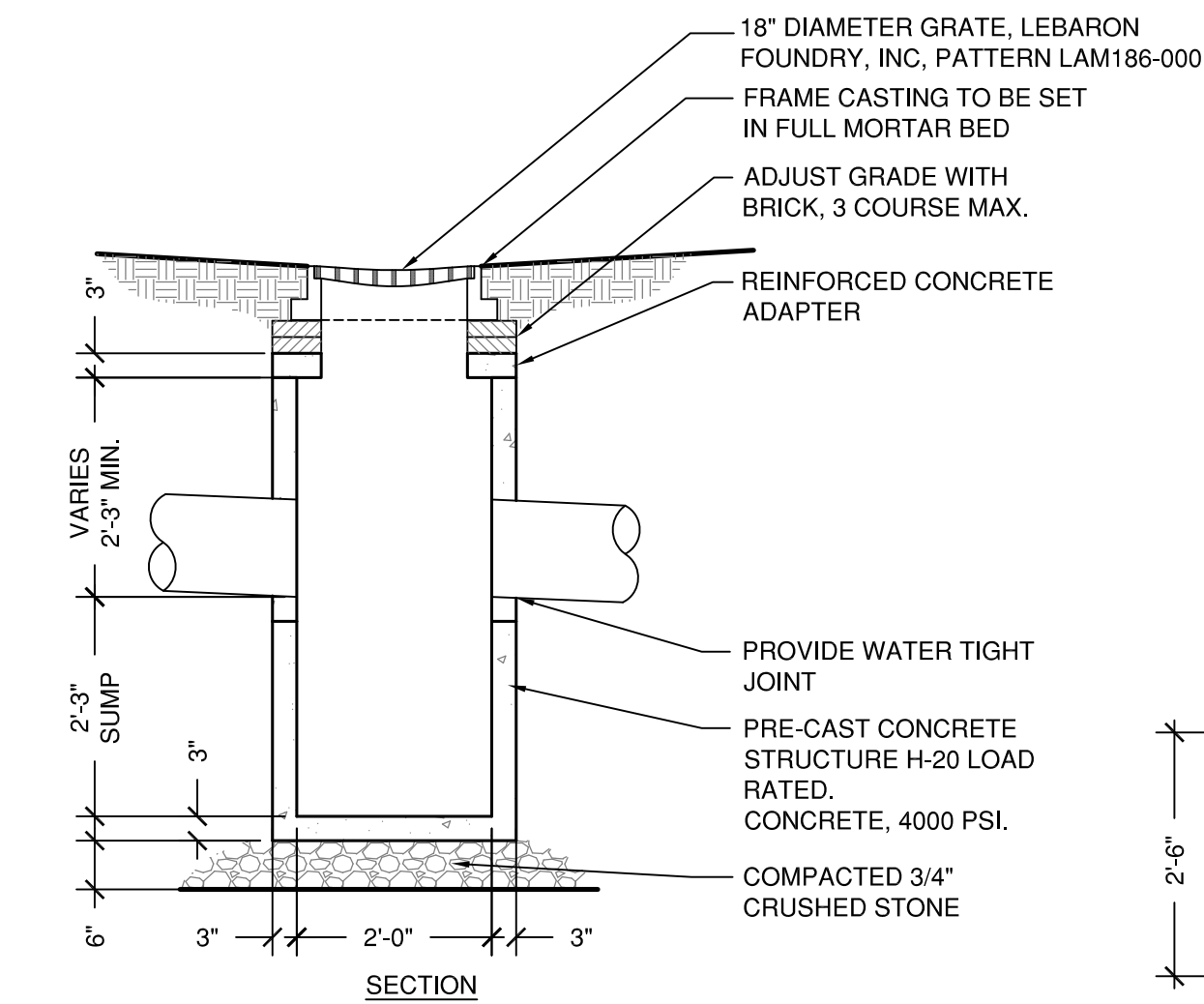
3 ATHLETIC FIELD
SCALE 1" = 1'-0"



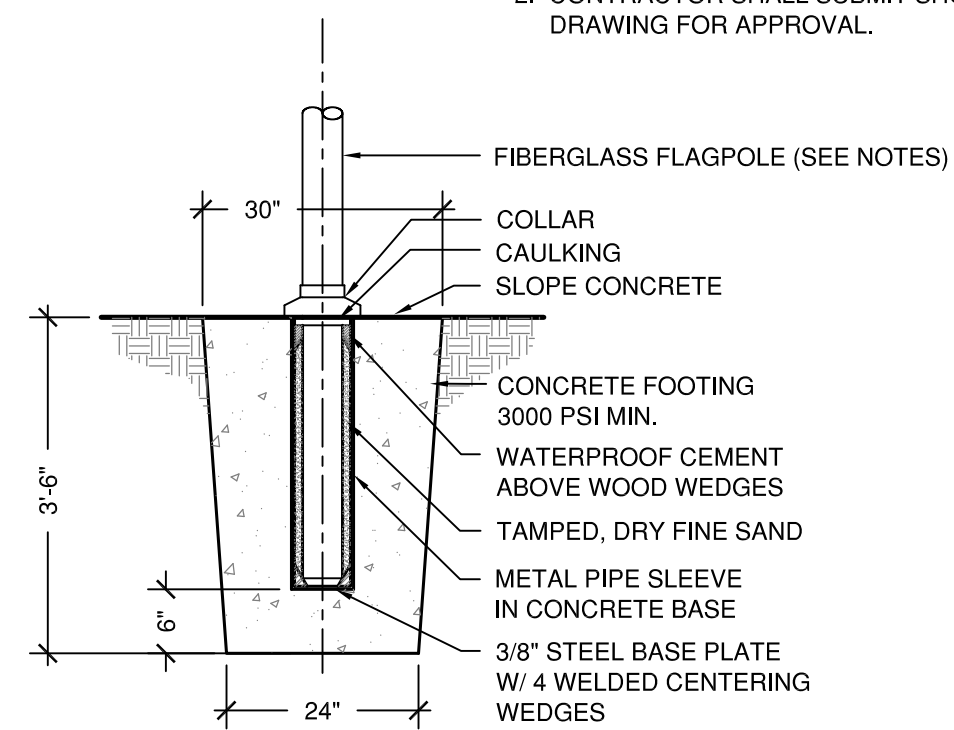
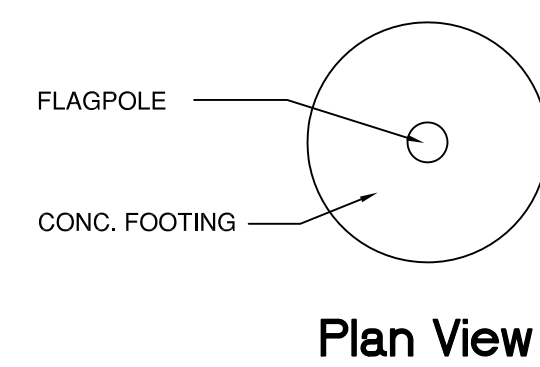
4 STORM TRENCH
SCALE: 1/2" = 1'-0"



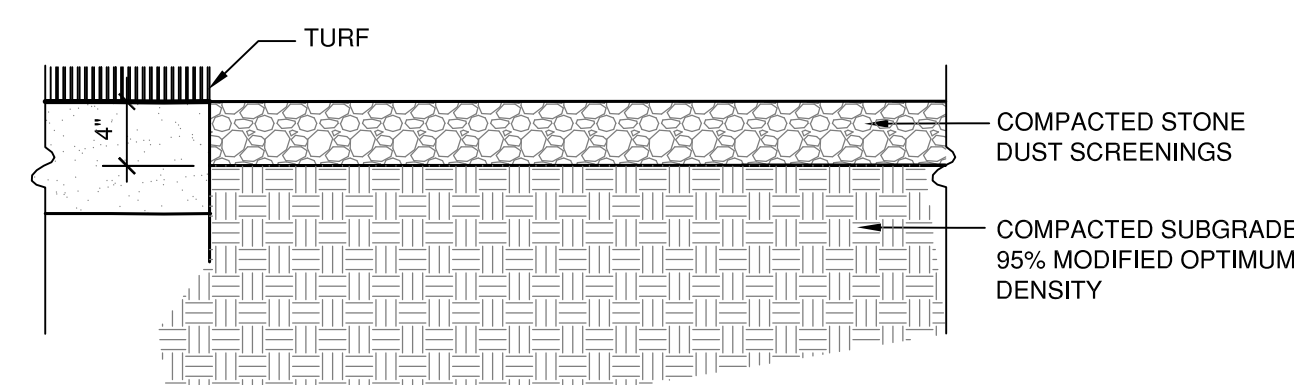
5 SKINNED INFIELD
SCALE 1" = 1'-0"



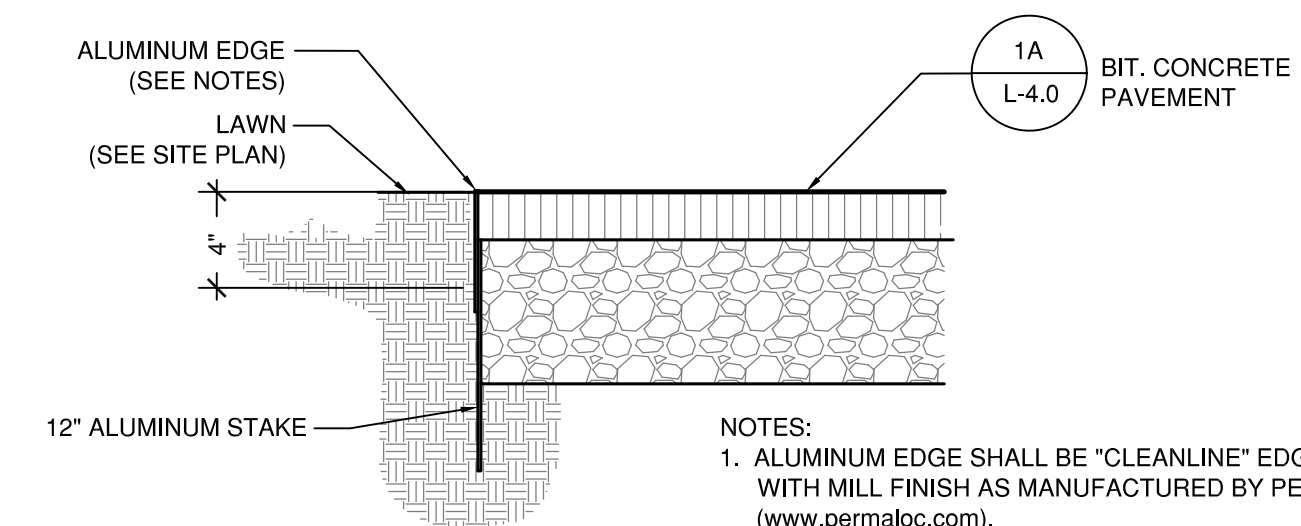
6 YARD DRAIN
SCALE 1/2" = 1'-0"



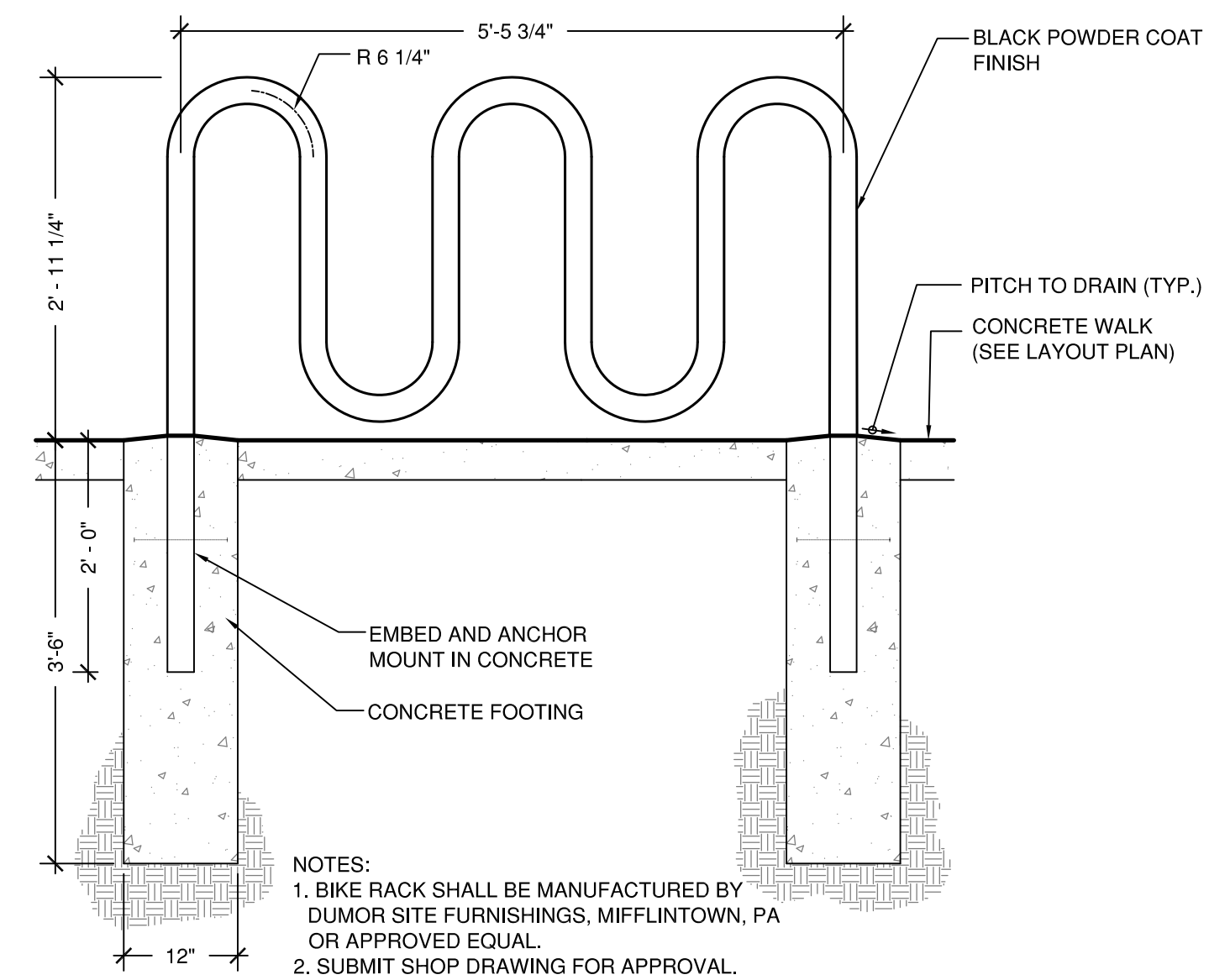
7 FLAGPOLE BASE ALTERNATE #1
NOT TO SCALE



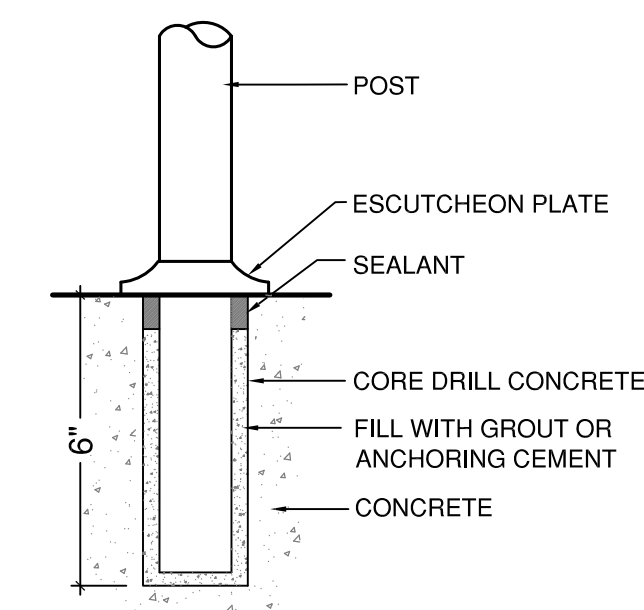
8 STONE DUST SURFACE
SCALE 1" = 1'-0"



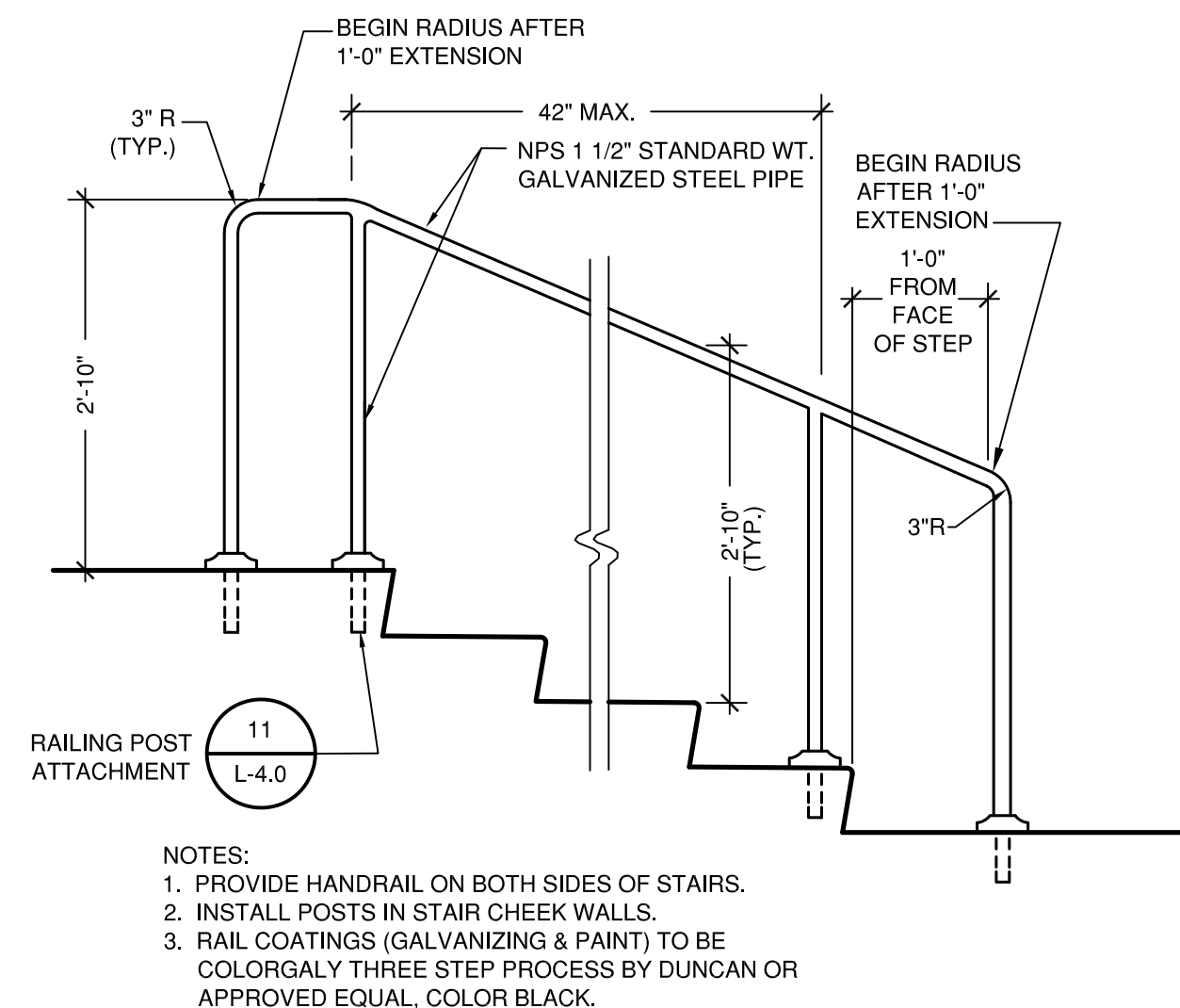
9 METAL EDGE
SCALE: 1 1/2" = 1'-0"



10 BIKE RACK ALTERNATE #3
N.T.S. DUMOR SITE FURNISHINGS



11 RAILING POST ATTACHMENT
SCALE 6" = 1'-0"



12 HAND RAIL AT STAIRS
SCALE 3/4" = 1'-0"

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RIVERVIEW AVENUE
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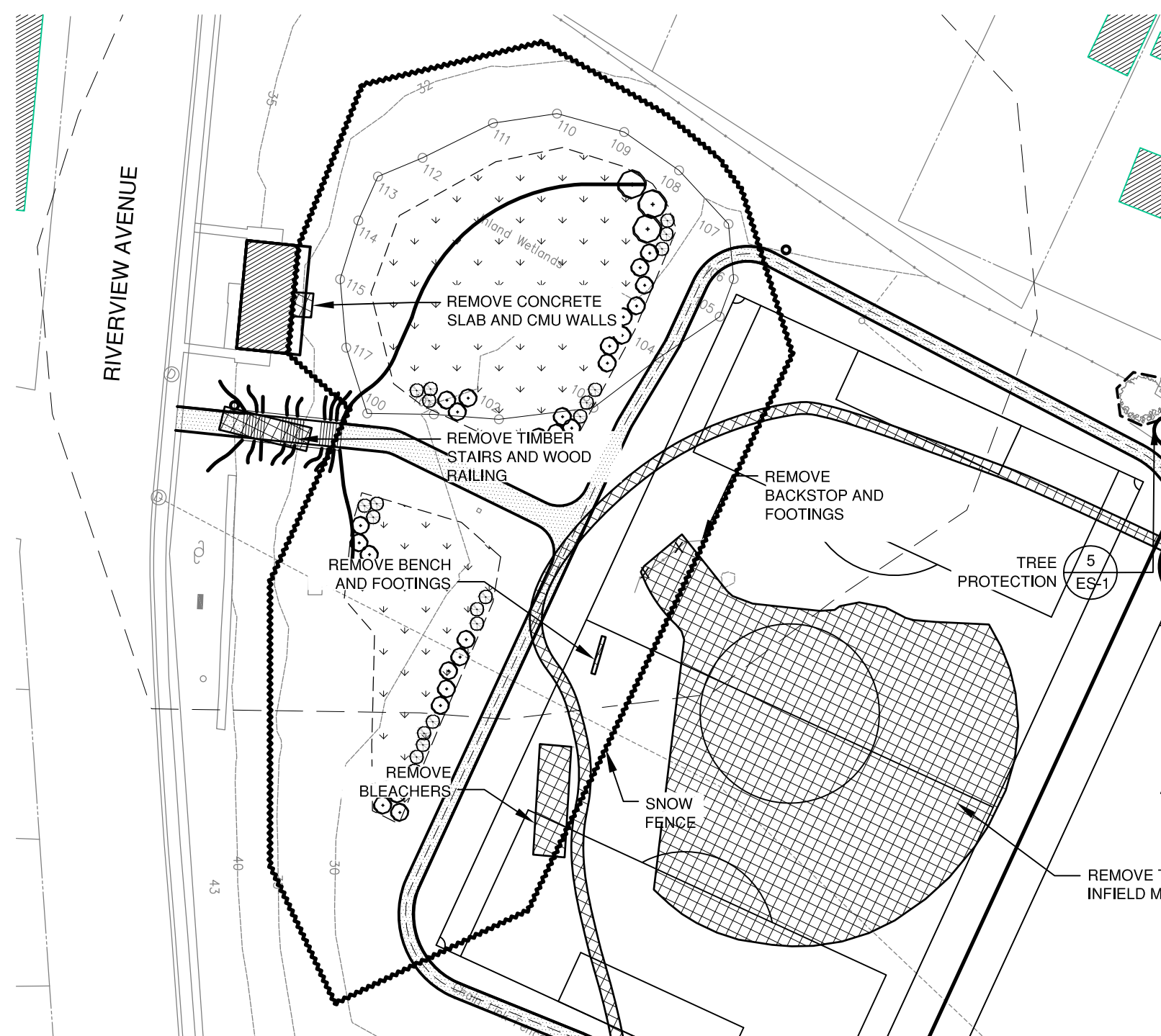
100%
CONSTRUCTION
DOCUMENTS

DATE: 12-21-12
JOB NO: 5593
DRAWN BY: GM
CHECKED BY: EMP

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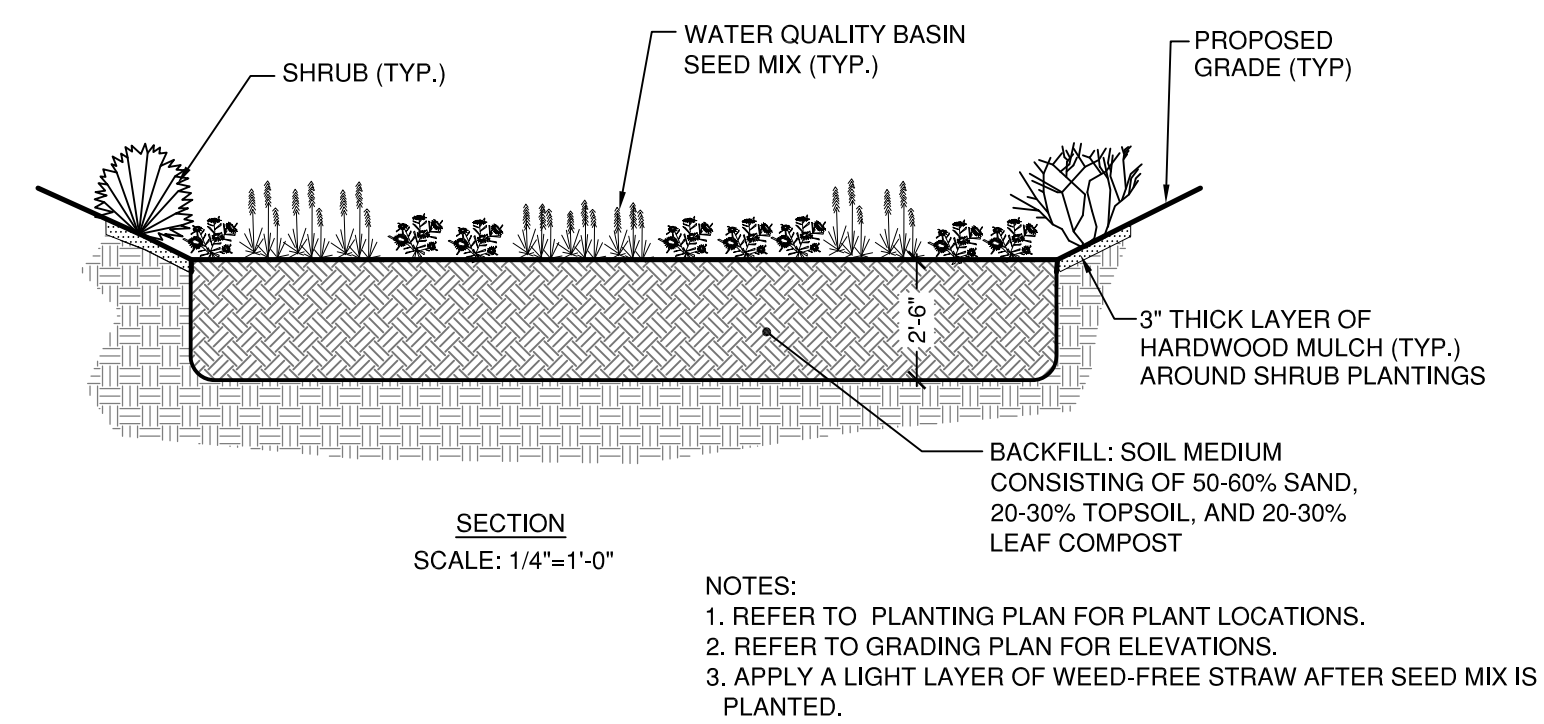
**SITE
DETAILS**

SHEET NO.
L-4.0



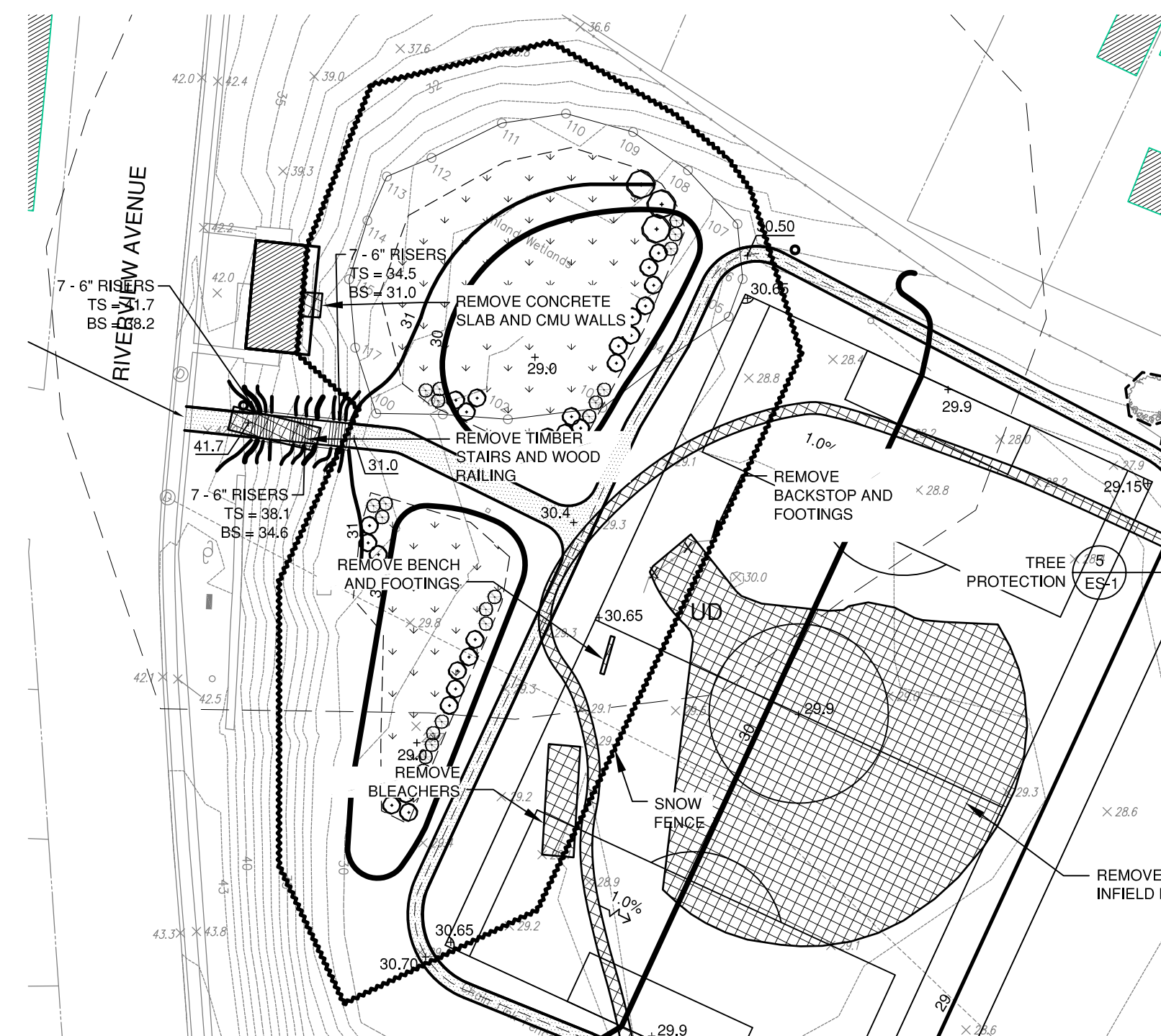
SITE PREPARATION METHODS AT WETLAND

1. INSTALL EROSION AND SEDIMENT CONTROL MEASURES.
2. INSTALL ORANGE "SNOW" FENCE AROUND AREA OF CONSTRUCTION TO LIMIT ACCESS FOR BIOSWALE WORK ONLY.
3. EXISTING PLANT MATERIAL WITHIN EXISTING WETLAND WILL BE REMOVED AS PART OF SITE PREPARATION WORK.



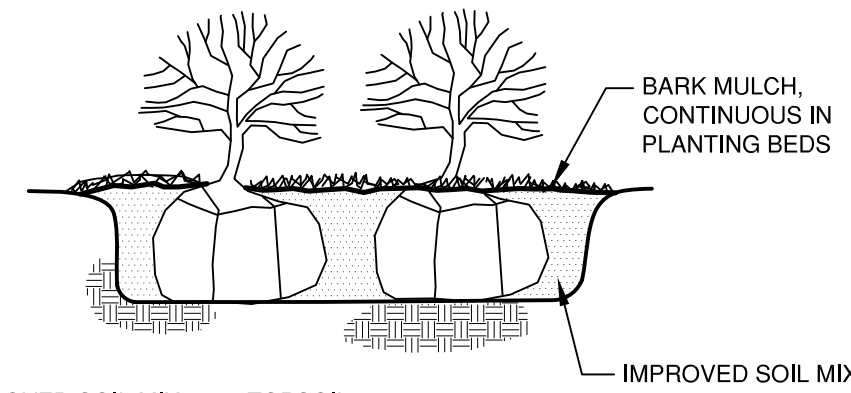
1 BIOSWALE / RAIN GARDEN

L-4.1 NOT TO SCALE



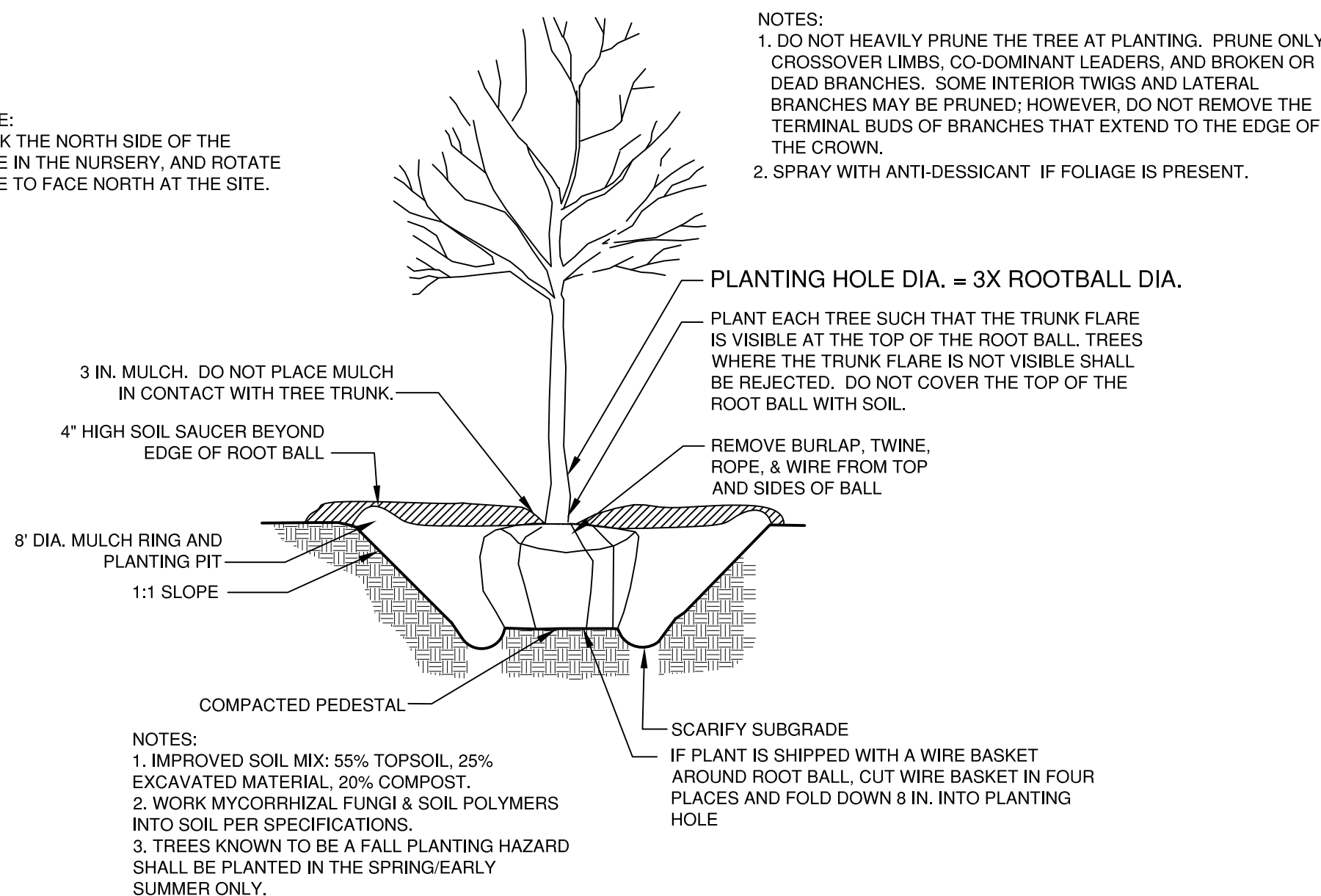
CONSTRUCTION METHODS AT WETLAND

1. ADJUST EROSION AND SEDIMENT CONTROL MEASURES AS NECESSARY TO ALLOW EQUIPMENT ACCESS FOR REGRADING AND PLANTING OF BIOSWALES.
2. ADJUST ORANGE "SNOW" FENCE AROUND AREA OF CONSTRUCTION TO PROVIDE ACCESS FOR GRADING AND PLANTING OF BIOSWALES.
3. GRADING FOR SOCCER FIELD AND SUBGRADES FOR WALKING TRAIL WILL NEED TO BE DONE AND COORDINATED WITH GRADING FOR BIOSWALES.



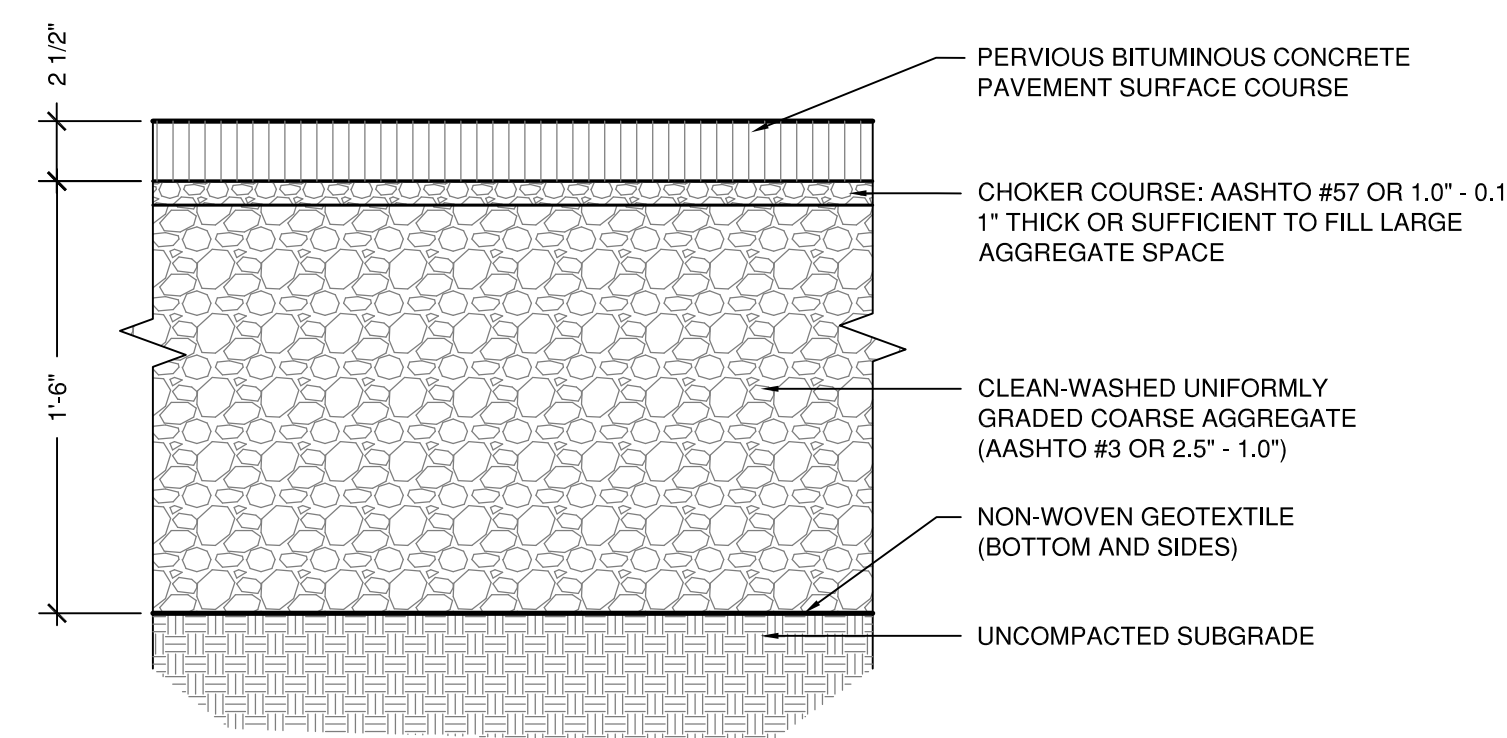
3 SHRUB PLANTING

L-4.1 NOT TO SCALE



2 TREE PLANTING

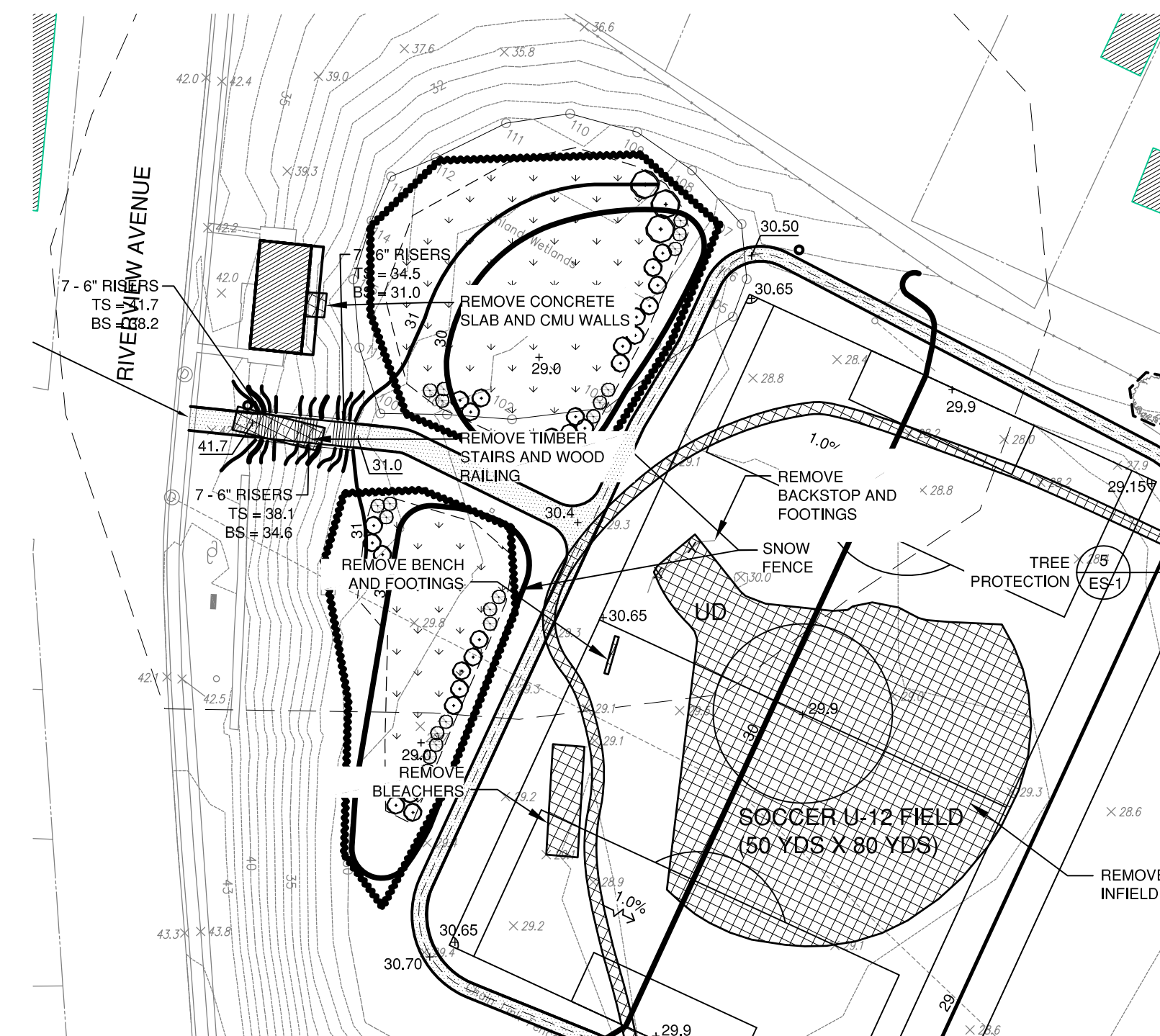
L-4.1 NOT TO SCALE



4 PERVIOUS BITUMINOUS CONCRETE PAVEMENT

ALTERNATE #2

L-4.1 SCALE: 1 1/2" = 1'-0"

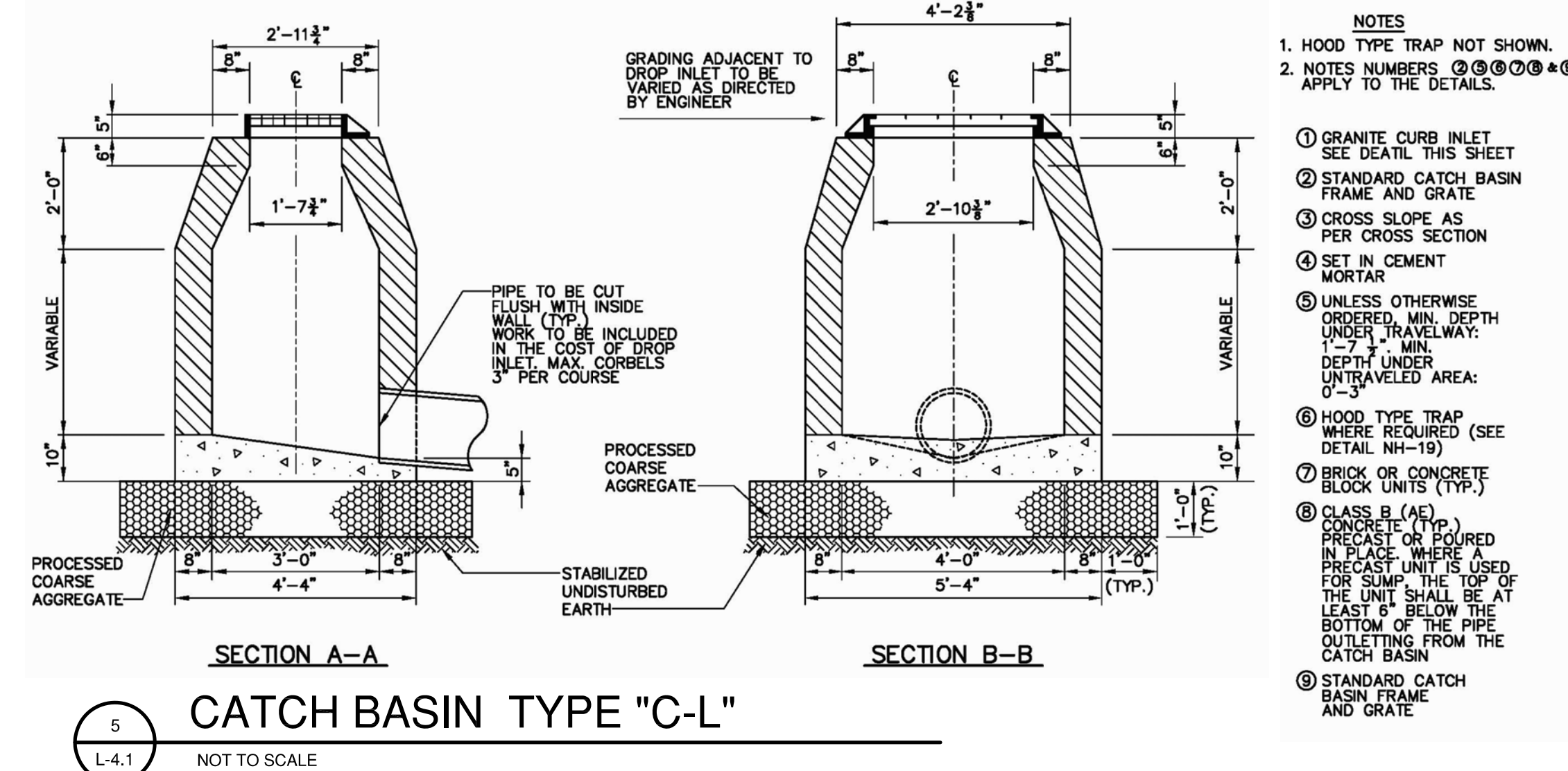


POST CONSTRUCTION METHODS AT WETLAND

1. ADJUST EROSION AND SEDIMENT CONTROL MEASURES TO LIMIT ANY ACCESS TO BIOSWALES BUT ALLOW
2. ADJUST ORANGE "SNOW" FENCE AROUND AREA OF CONSTRUCTION TO LIMIT ACCESS TO VEHICLES

RAIN GARDEN (BIORETENTION CELL) INSTALLATION

1. INSTALL SEDIMENT CONTROL DEVICES.
2. GRADE SITE TO ELEVATIONS SHOWN ON PLAN. IF APPLICABLE, CONSTRUCT CURB OPENINGS AND/OR REMOVE AND REPLACE EXISTING CONCRETE. CURB OPENINGS SHOULD BE BLOCKED OR OTHER MEASURES TAKEN TO PROHIBIT DRAINAGE FROM ENTERING CONSTRUCTION AREA. INSTALL SAFETY FENCE AROUND CONSTRUCTION AREA OR EXCAVATION.
3. STABILIZE GRADING WITHIN LIMIT OF DISTURBANCE EXCEPT FOR THE BIORETENTION AREA TO BE PLANTED. SURROUND THE RAIN GARDEN WITH A BIOLOG, STRAW BALES, OR COMPOST BERM TO KEEP SEDIMENT OUT OF THE BIORETENTION CELL.
4. EXCAVATE BIORETENTION AREA TO PROPOSED INVERT DEPTH AND SCARIFY THE EXISTING SOIL SURFACES, TAKING CARE NOT TO COMPACT THE IN-SITU MATERIALS. DO NOT LEAVE ANY OPEN AREAS OR PITS OPEN AT THE END OF THE DAY AND NO EXCAVATION OVER LOCAL JURISDICTION OR OSHA LIMITS.
5. INSTALL UNDERDRAIN SYSTEM AND OBSERVATION WELLS, IF SPECIFIED. (USE PERFORATED 4" HDPE PIPE AND SURROUND THE PIPE WITH ABOUT 2" OF GRAVEL)
6. IF EXISTING SOIL IS NOT WELL-DRAINED PLANTING SOIL, REMOVE EXISTING SOIL TO DEPTH OF AT LEAST 3'-0" OR TO WATER TABLE. FILL BOTTOM OF CELL WITH A 4-INCH THICK LAYER OF WASHED GRAVEL OR STONE.
7. BACKFILL RAIN GARDEN (BIORETENTION CELL) WITH PLANTING SOIL. FILL THE CELL WITH 8" LIFTS OF SOIL. SATURATE EACH LIFT AND LET IT DRAIN AND THEN PLACE THE NEXT LIFT. BE CAREFUL NOT TO COMPACT THE SOIL WITH EQUIPMENT AND OVER-SATURATE IT.
8. PLANT VEGETATION.
9. MULCH AND INSTALL EROSION PROTECTION AT ENTRANCE POINTS. REMOVE SEDIMENT CONTROL PRACTICES OR ENTRANCE BLOCKS WITH INSPECTOR AUTHORIZATION. LEAVE PERIMETER BIODEGRADABLE CONTROLS TO REDUCE SEDIMENT LOADS TO CELL UNTIL VEGETATION IS ESTABLISHED.



5 CATCH BASIN TYPE "C-L"

L-4.1 NOT TO SCALE

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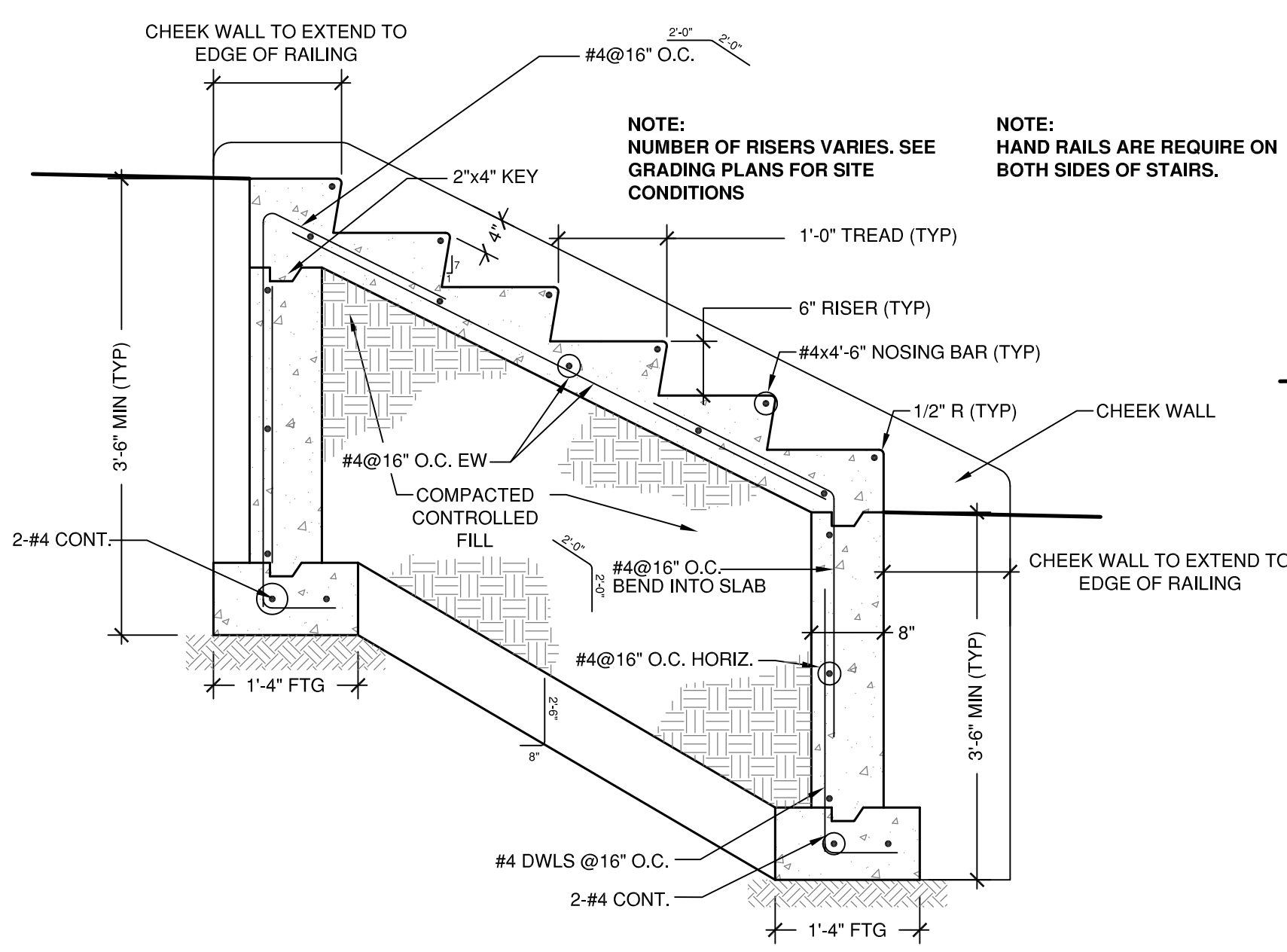
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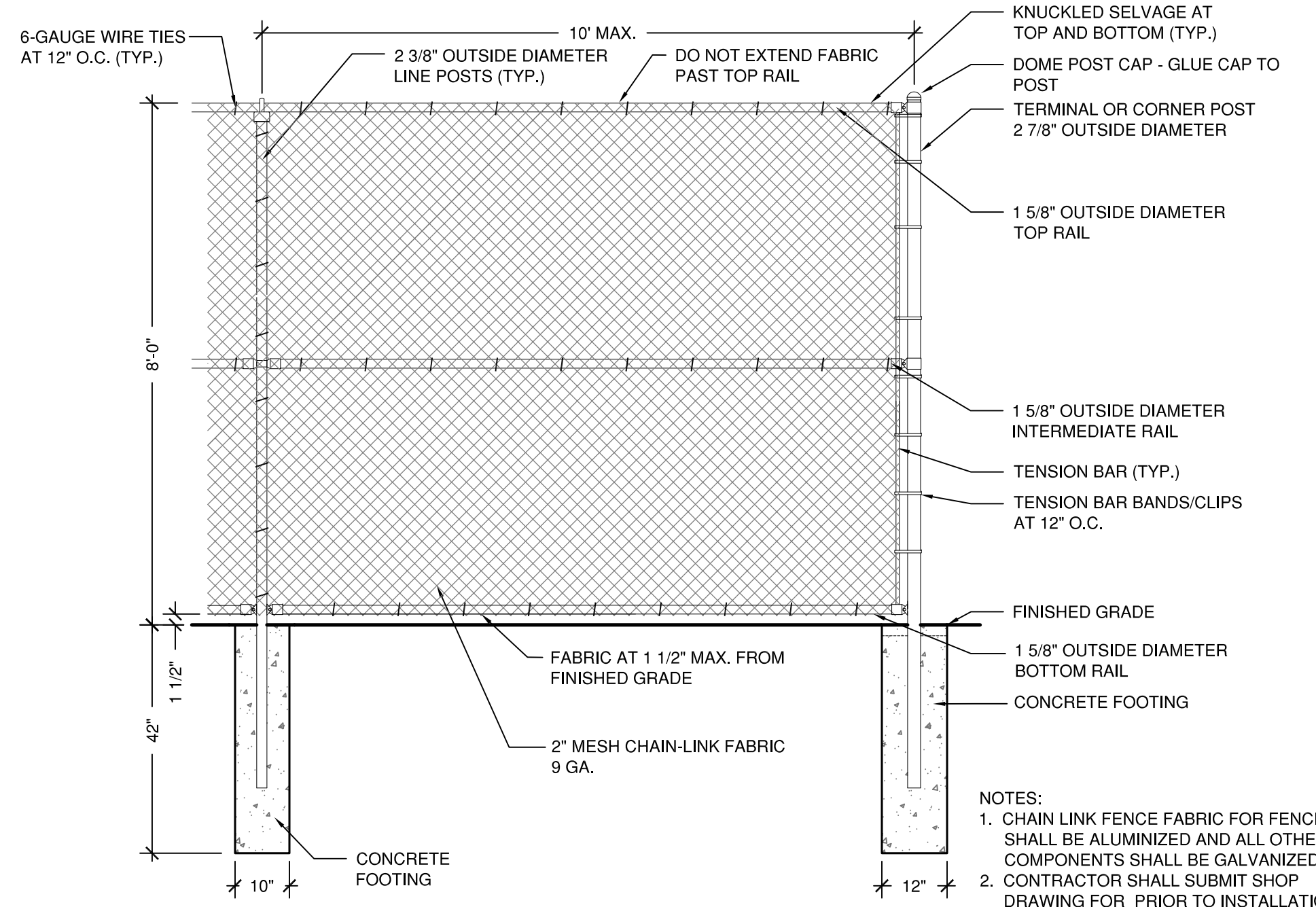
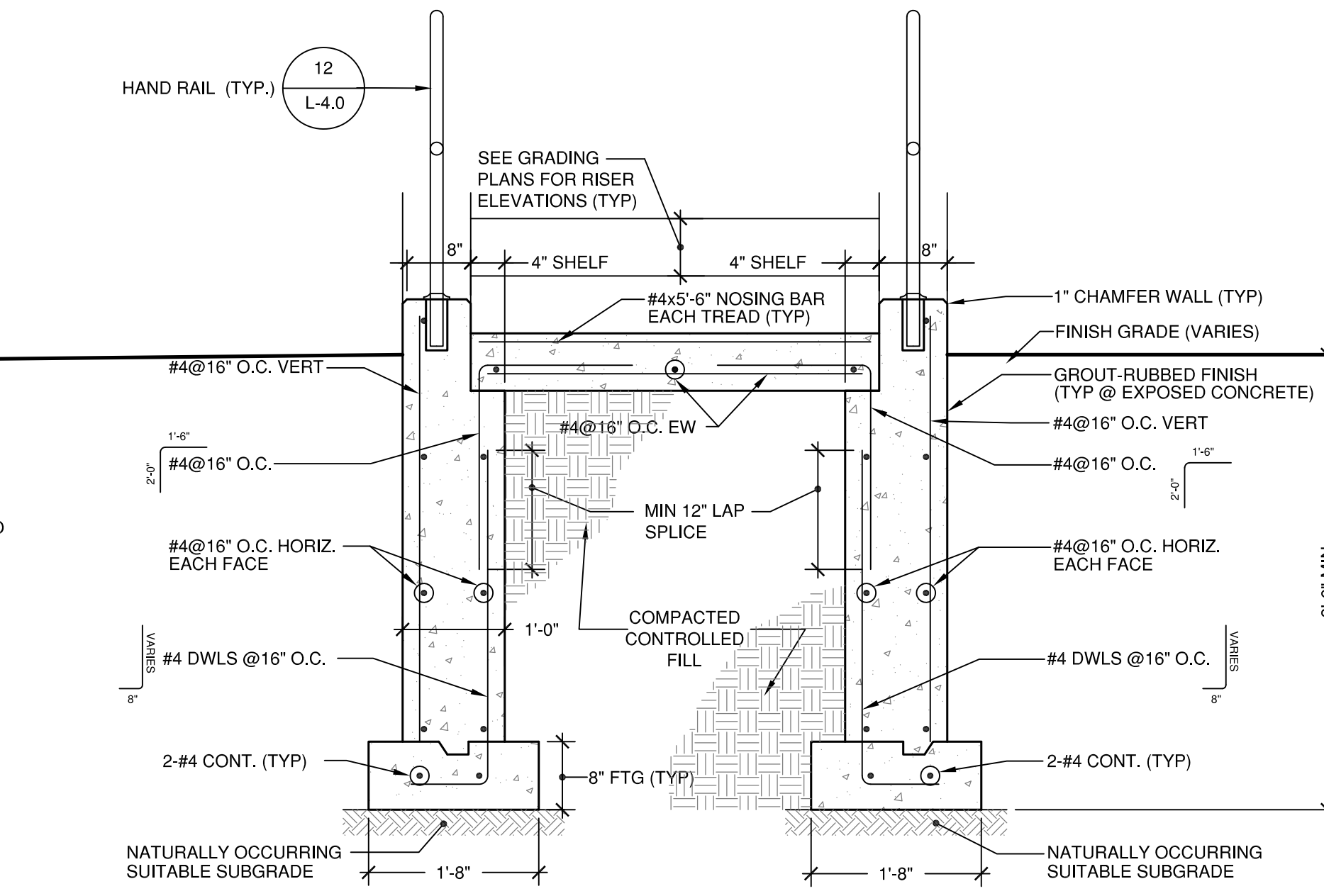
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SITE DETAILS

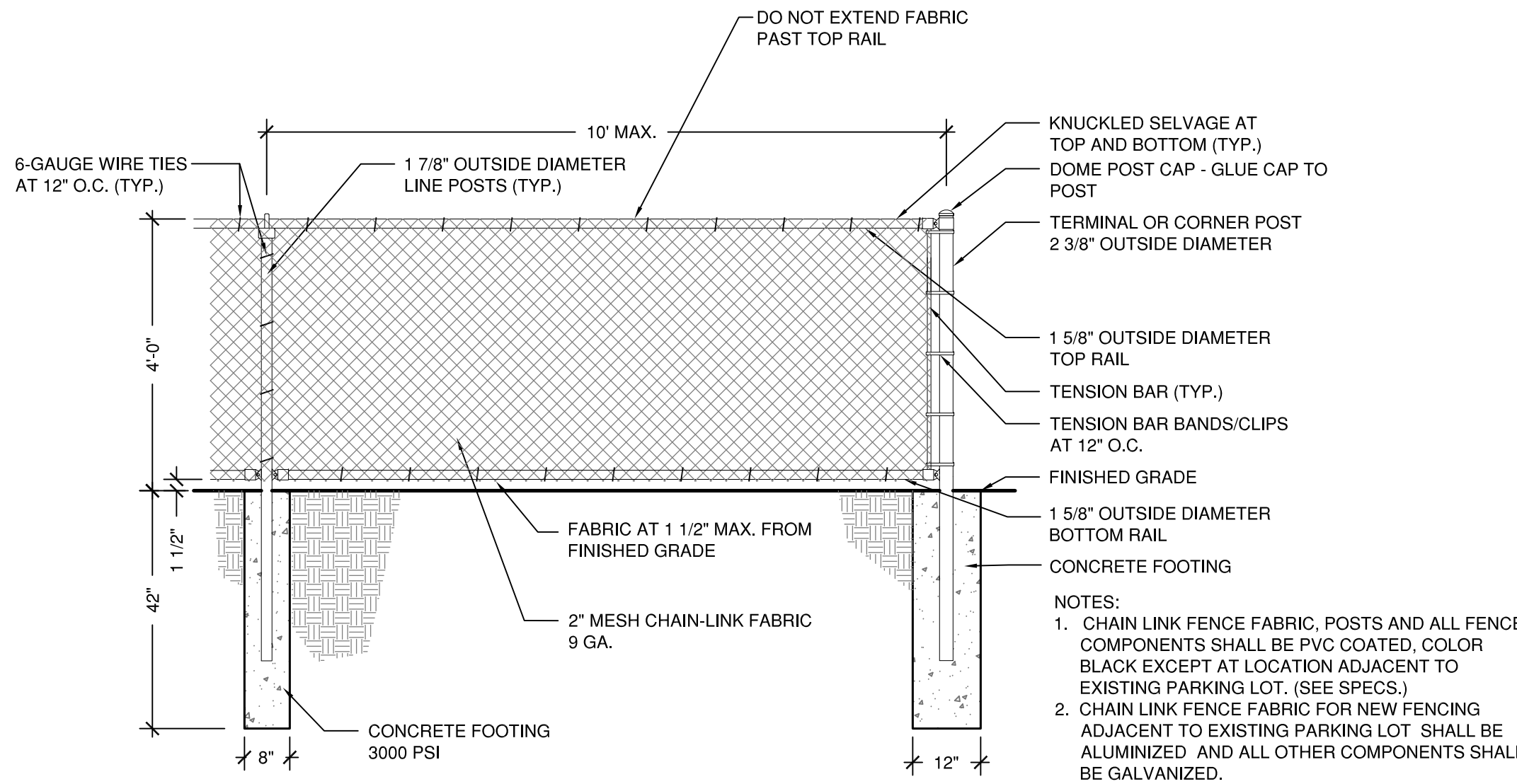
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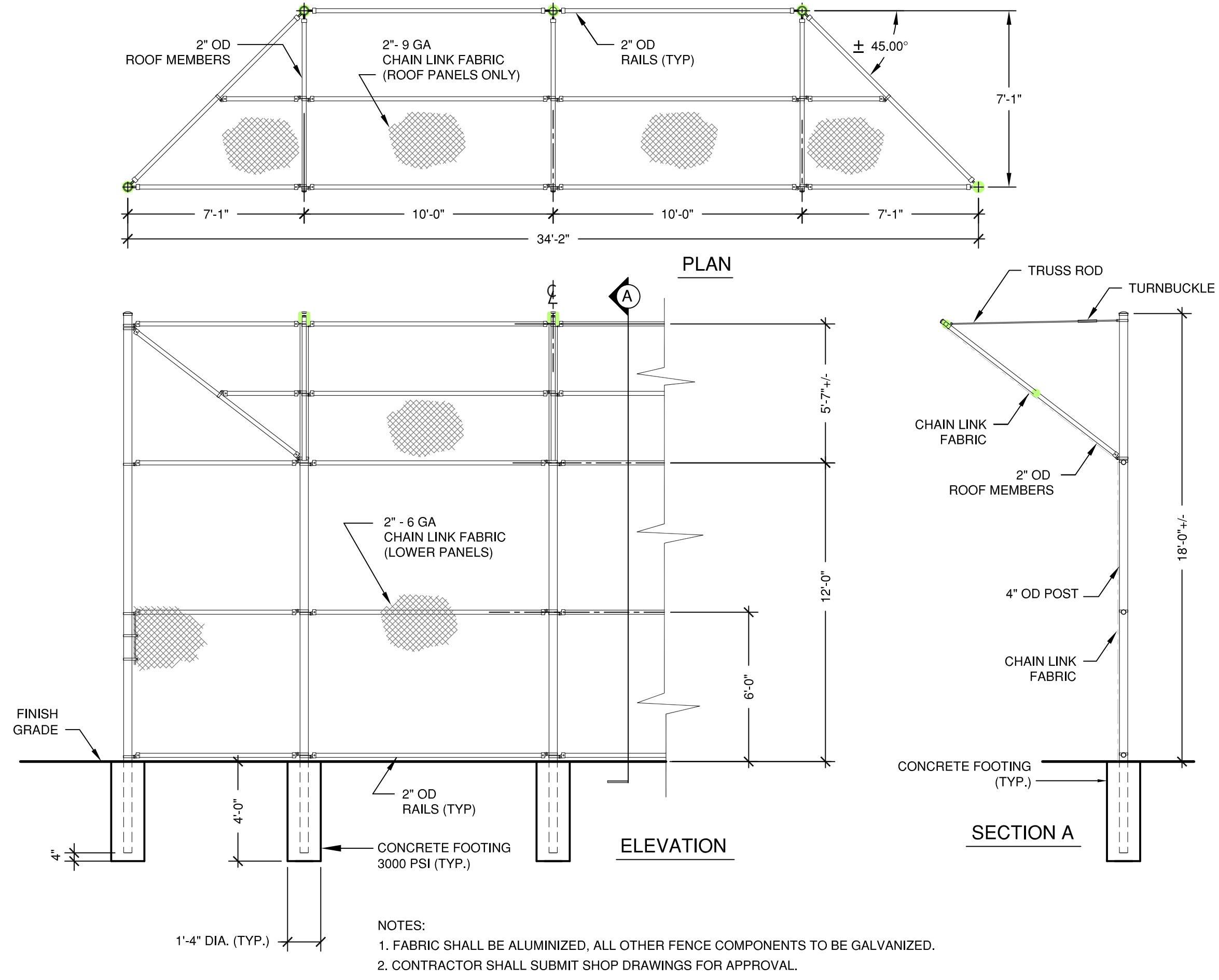
1 CONCRETE STAIRS
SCALE: 1/2"=1'-0"



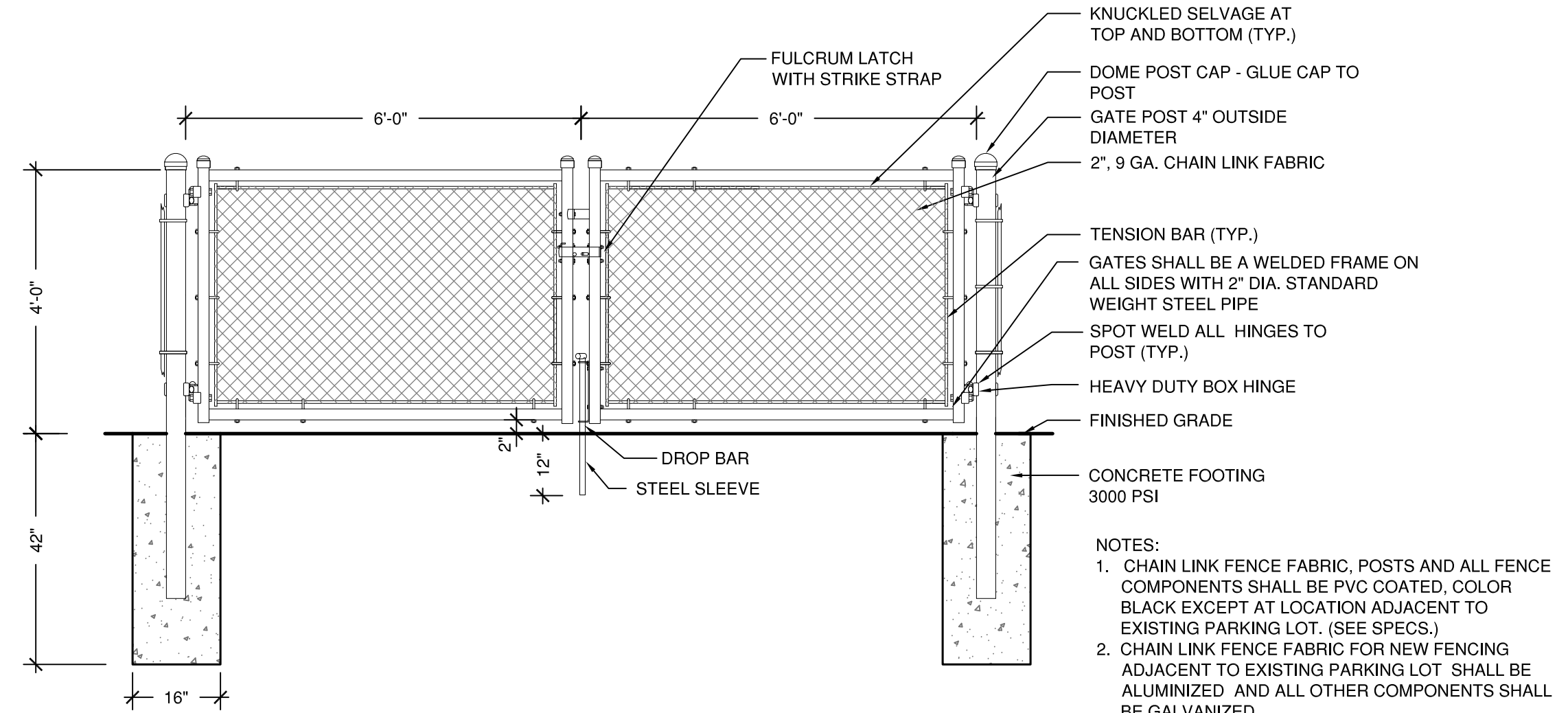
4 CHAIN LINK FENCE - 8' HT.
SCALE: 1/2"=1'-0"



2 CHAIN LINK FENCE - 4' HT.
SCALE: 1/2"=1'-0"



5 CHAIN LINK FENCE BACKSTOP
SCALE 1/4"=1'-0"
MASTER- HALCO



3 SERVICE GATE
NOT TO SCALE

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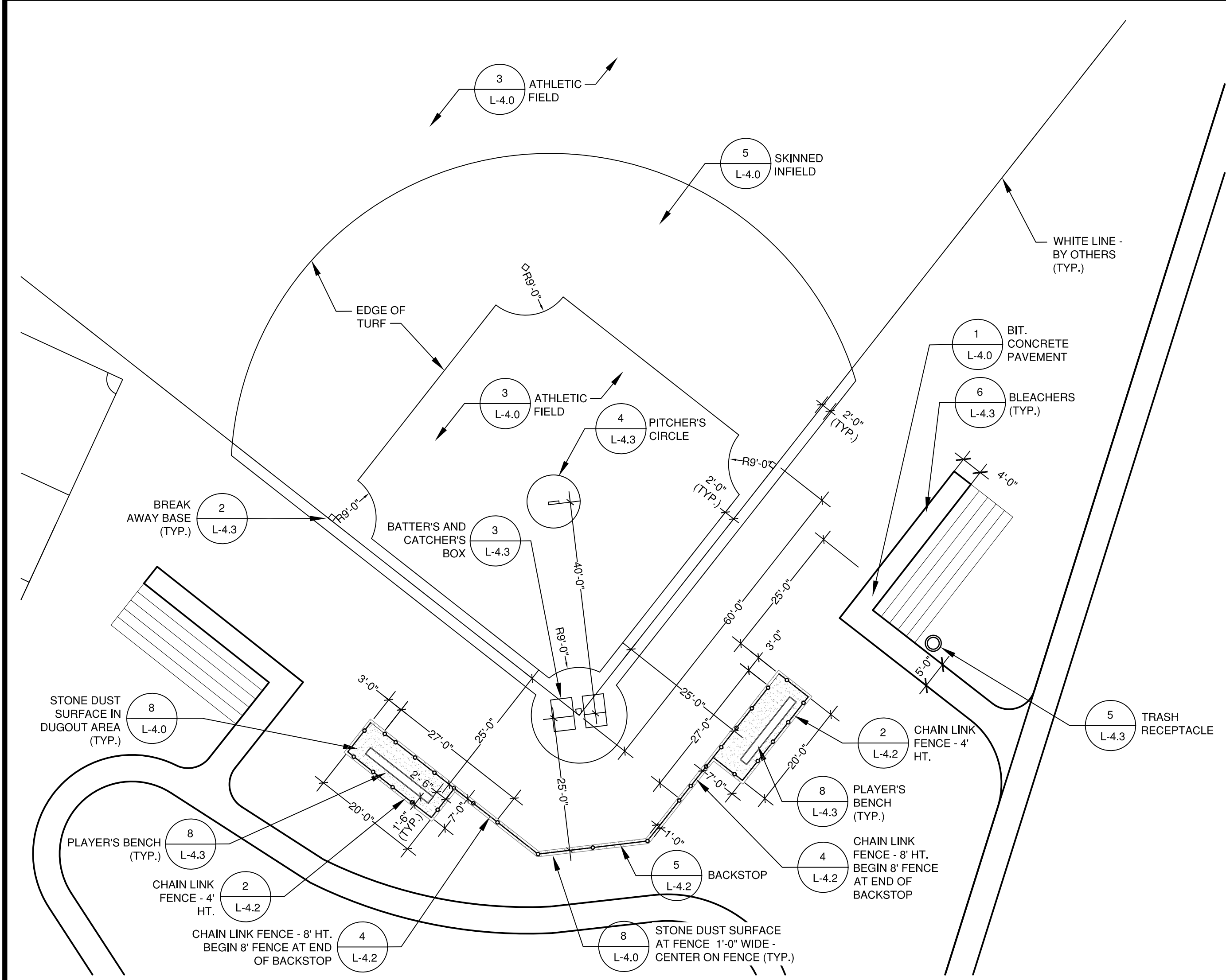


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CONSTRUCTION
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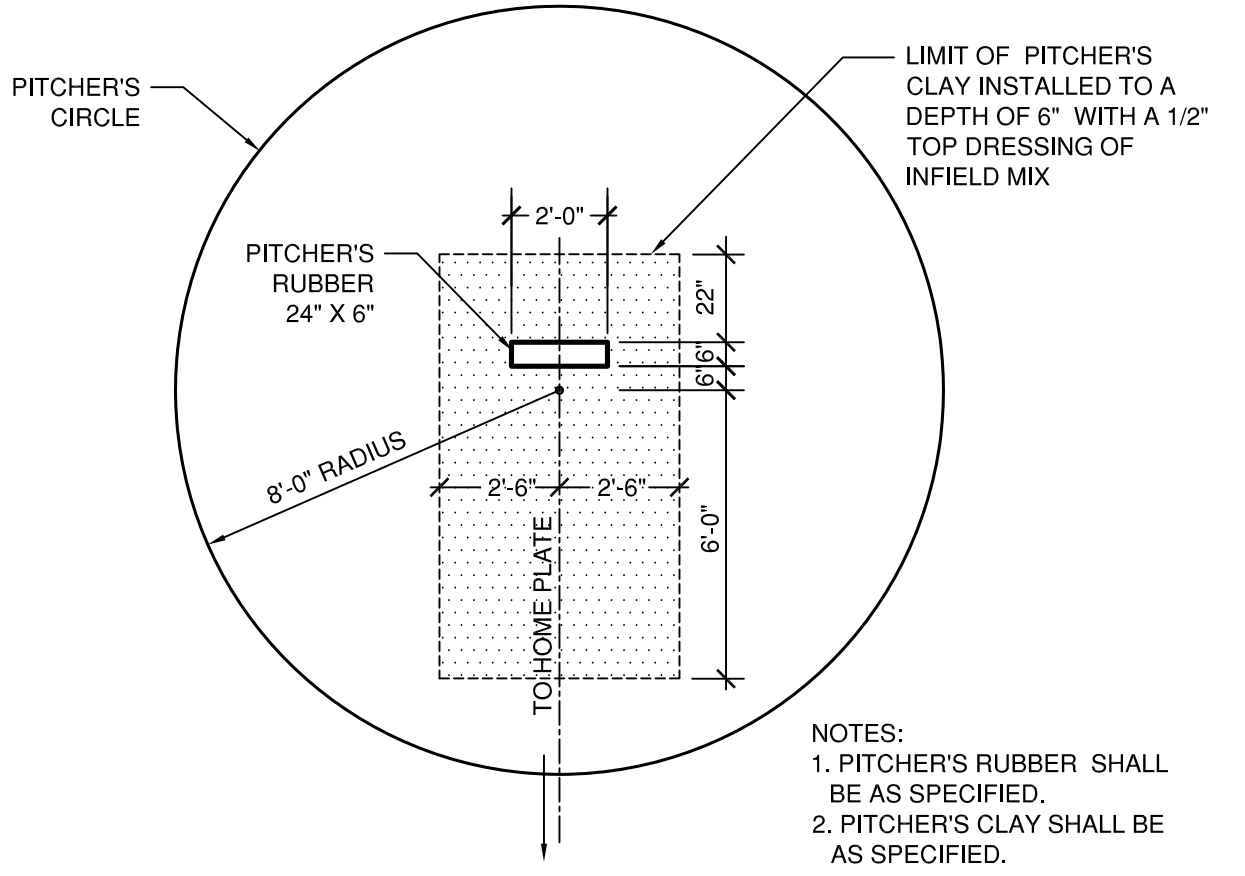
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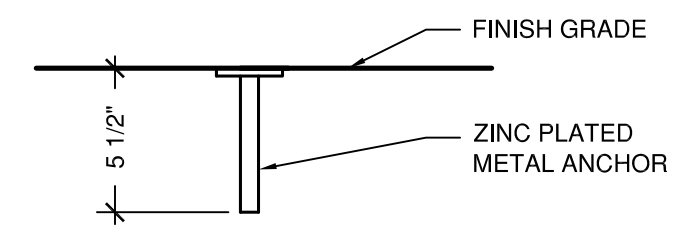
SHEET NO.
L-4.2
10 OF 16



1 LITTLE LEAGUE / SOFTBALL INFIELD LAYOUT
L-4.3 NOT TO SCALE

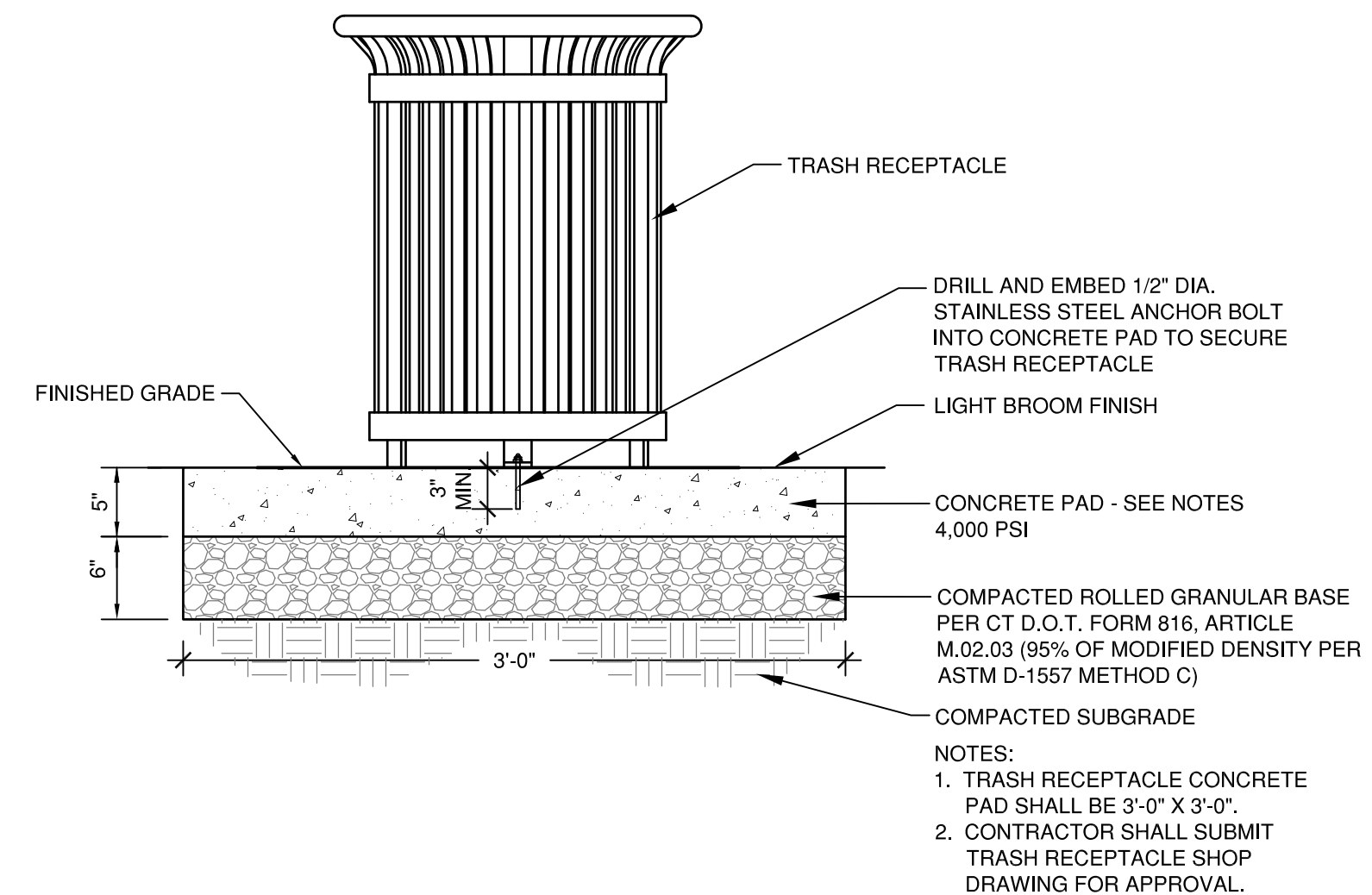


4 PITCHER'S CIRCLE
L-4.3 SCALE: 1/4"=1'-0"

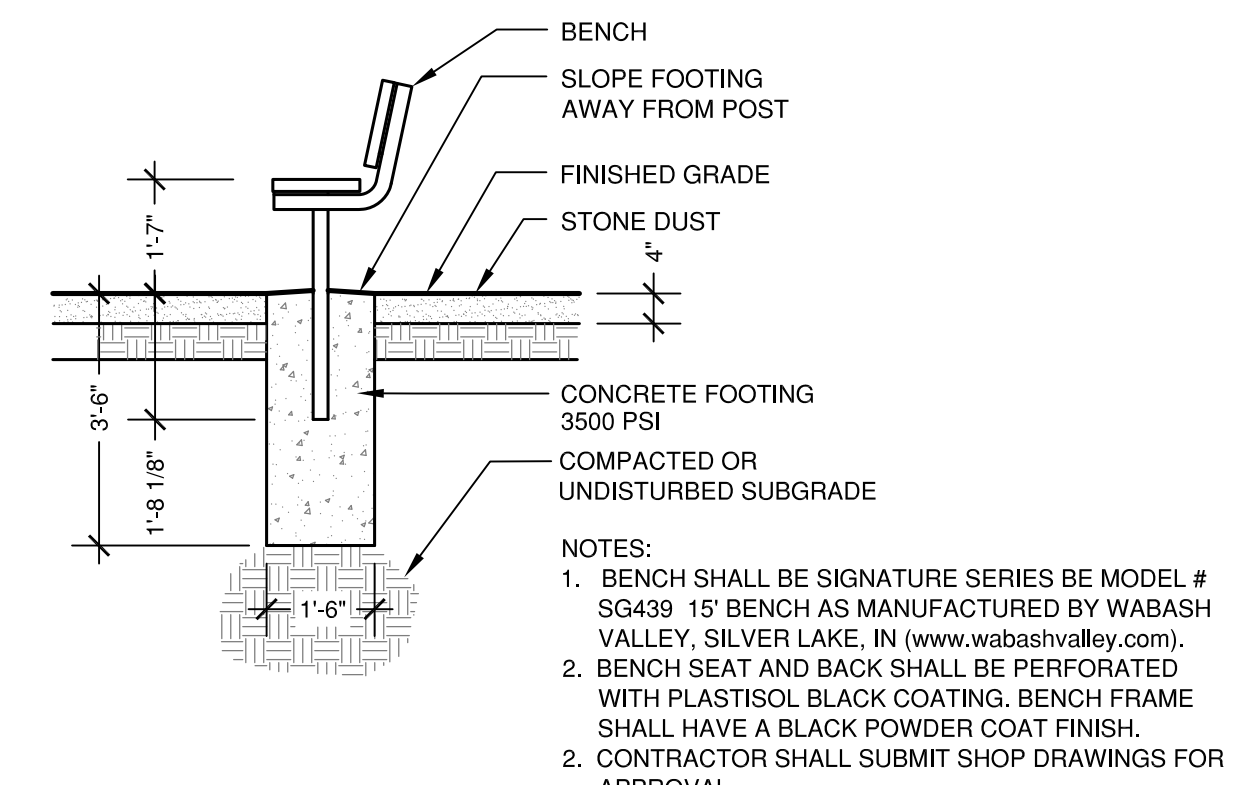


7 FIELD LINE ANCHOR
L-4.3 NOT TO SCALE
Scale 1 1/2" = 1'-0"

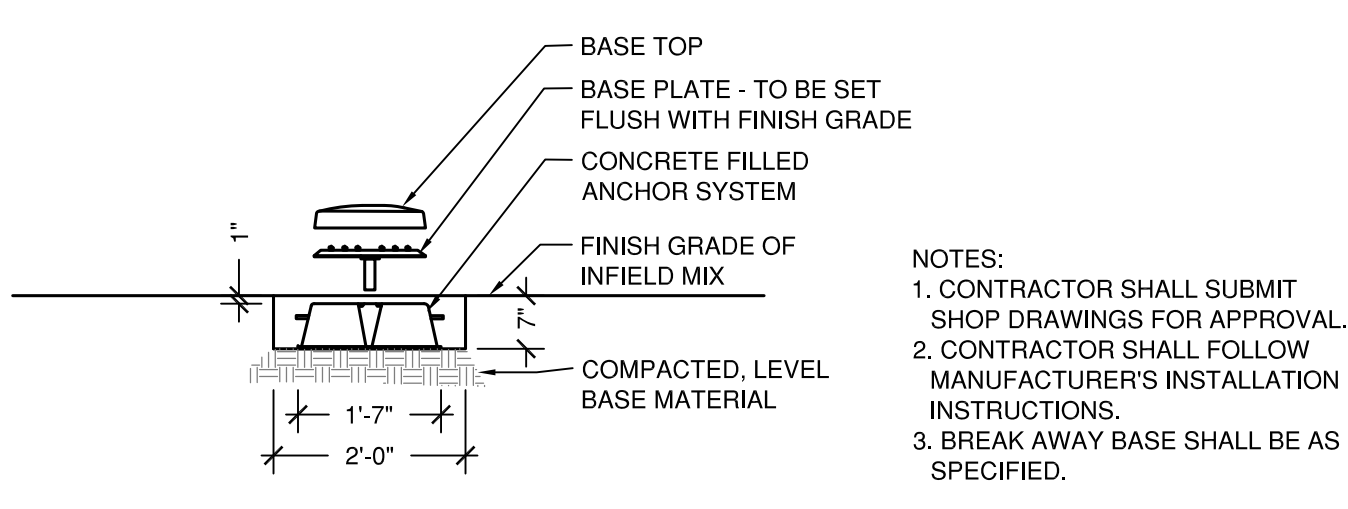
NOTES:
1. FIELD LINE ANCHORS SHALL BE SUPPLIED BY TRU MARK ATHLETIC FIELD MARKER, NORFOLK, NE, PH. NO. (800) 553-6275 (www.athleticfieldmarker.com) OR APPROVED EQUAL. FIELD LINE ANCHORS SHALL INCLUDE 6" MARKING WHISKERS WITH CONCRETE PLUG.
2. CONTRACTOR SHALL SUBMIT PRODUCT INFORMATION FOR APPROVAL.
3. FIELD LINE ANCHORS REQUIRED AT EACH CORNER OF ALL SOCCER FIELDS.



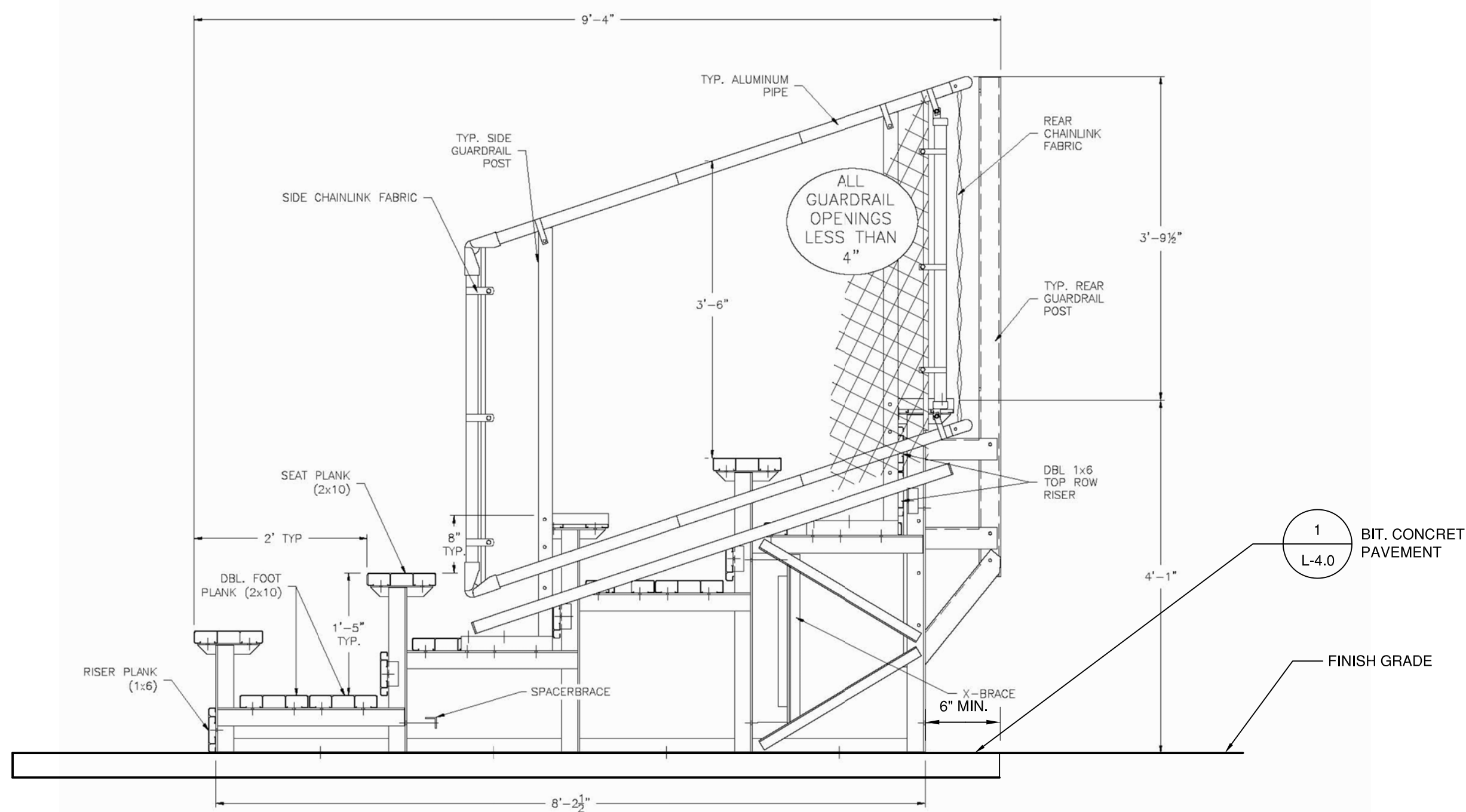
5 TRASH RECEPTACLE
L-4.3 NOT TO SCALE



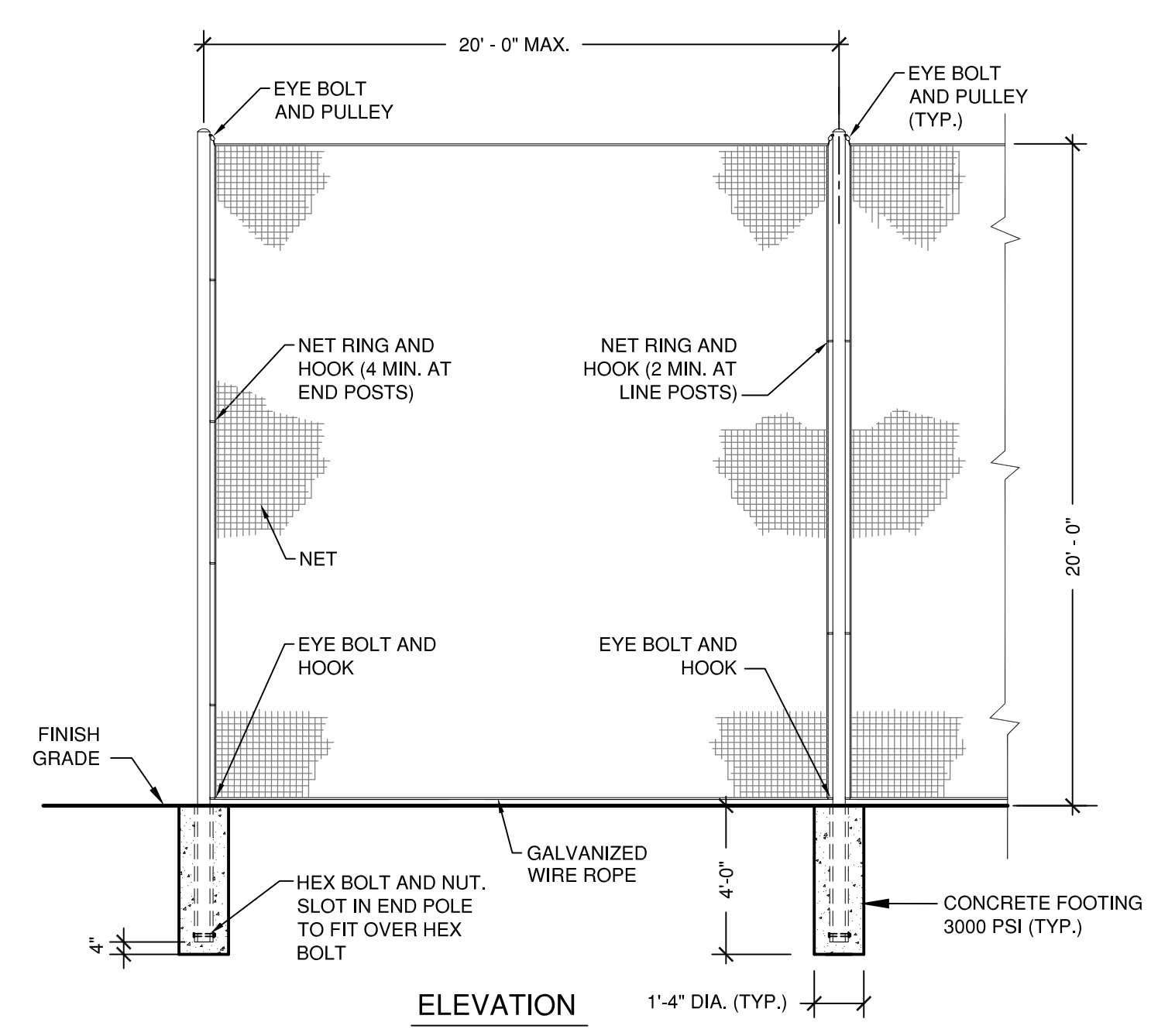
8 PLAYER'S BENCH
L-4.3 SCALE: 3/8"=1'-0" WABASH VALLEY



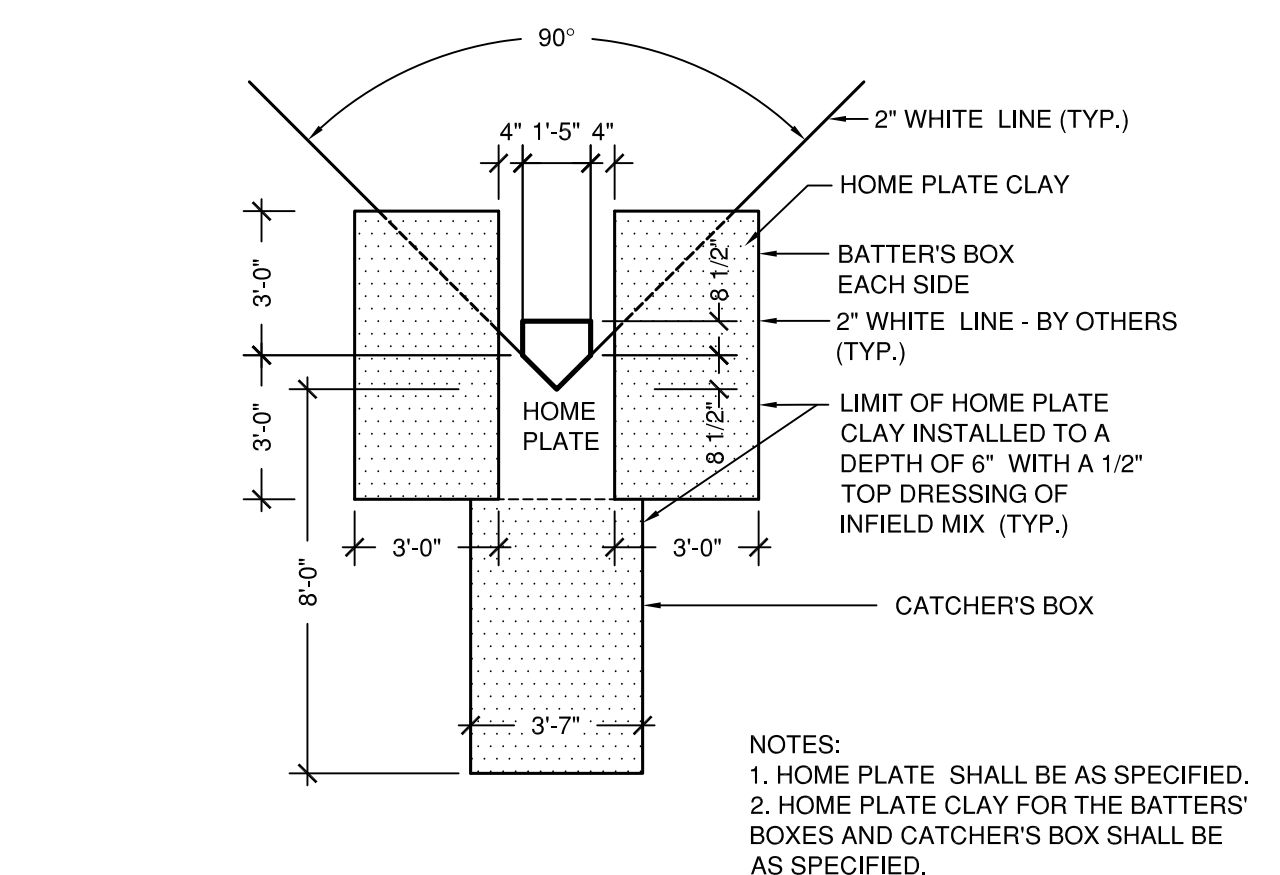
2 BREAK AWAY BASE
L-4.3 SCALE: 1/2"=1'-0"



6 BLEACHERS
L-4.3 NOT TO SCALE



9 SAFETY NETTING
L-4.3 SCALE 1/4"=1'-0"



3 BATTER'S AND CATCHER'S BOX
L-4.3 SCALE: 1/4"=1'-0"

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2. SITE LAYOUT INFORMATION IS BASED ON SURVEY DATED

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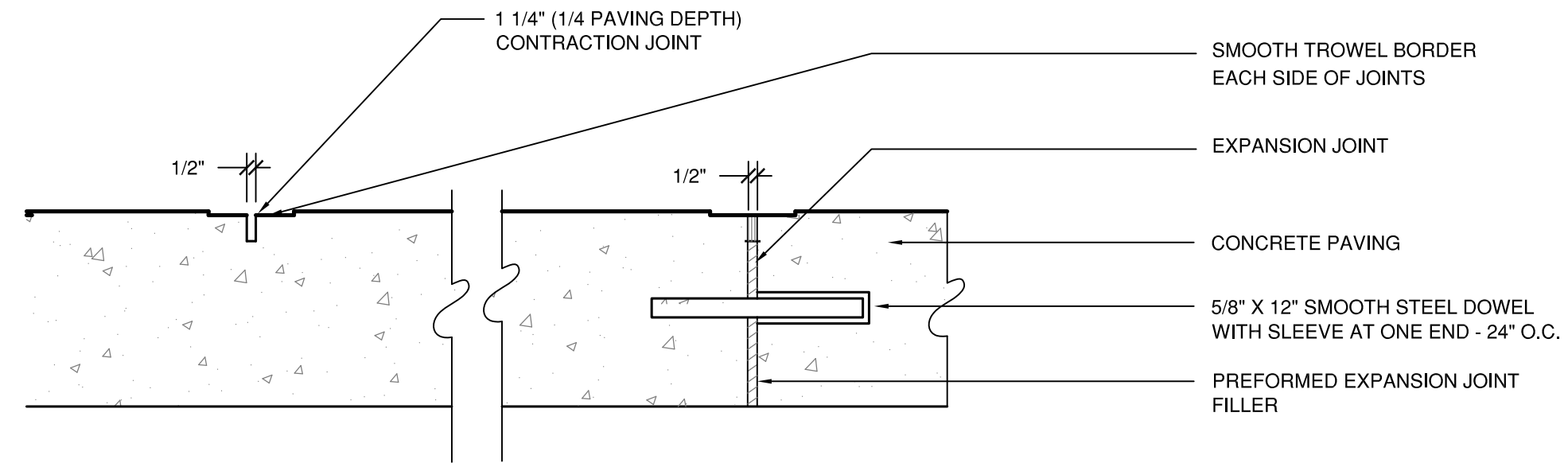
100% CONSTRUCTION DOCUMENTS

DATE: 12-21-12
JOB NO: 5593
DRAWN BY: GM
CHECKED BY: EMP

DRAWING TITLE:

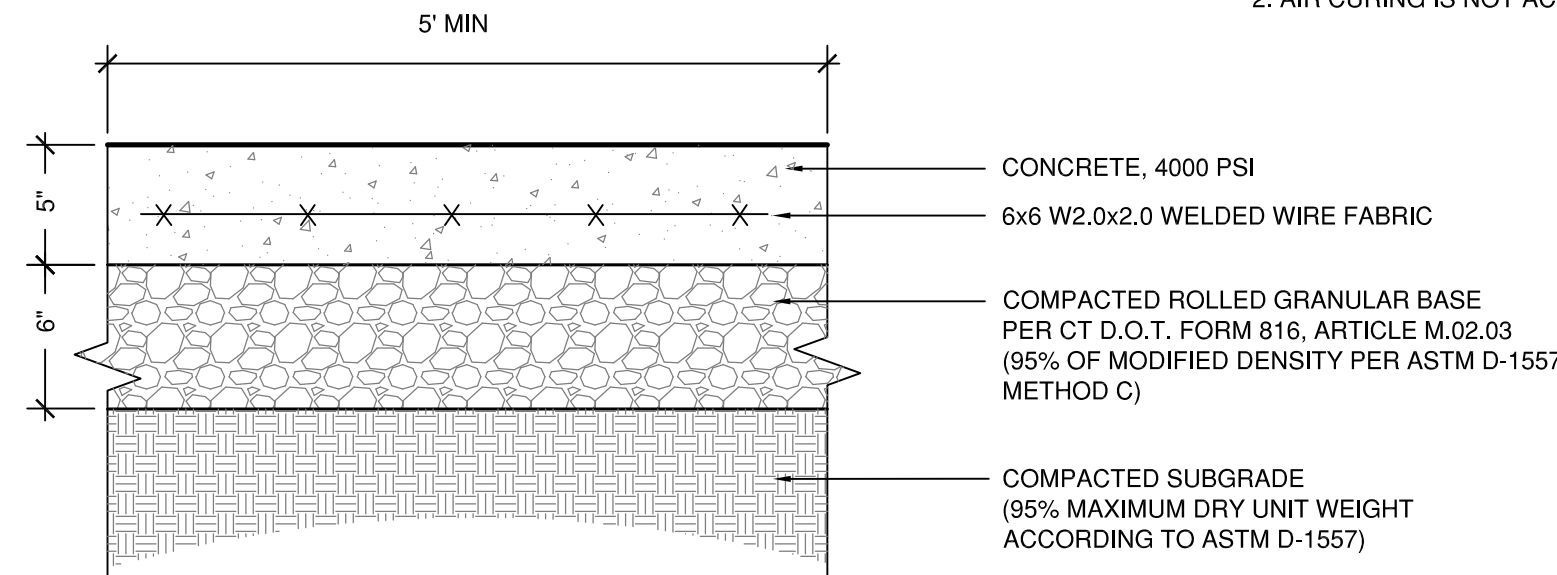
SITE DETAILS

SHEET NO. **L-4.3**



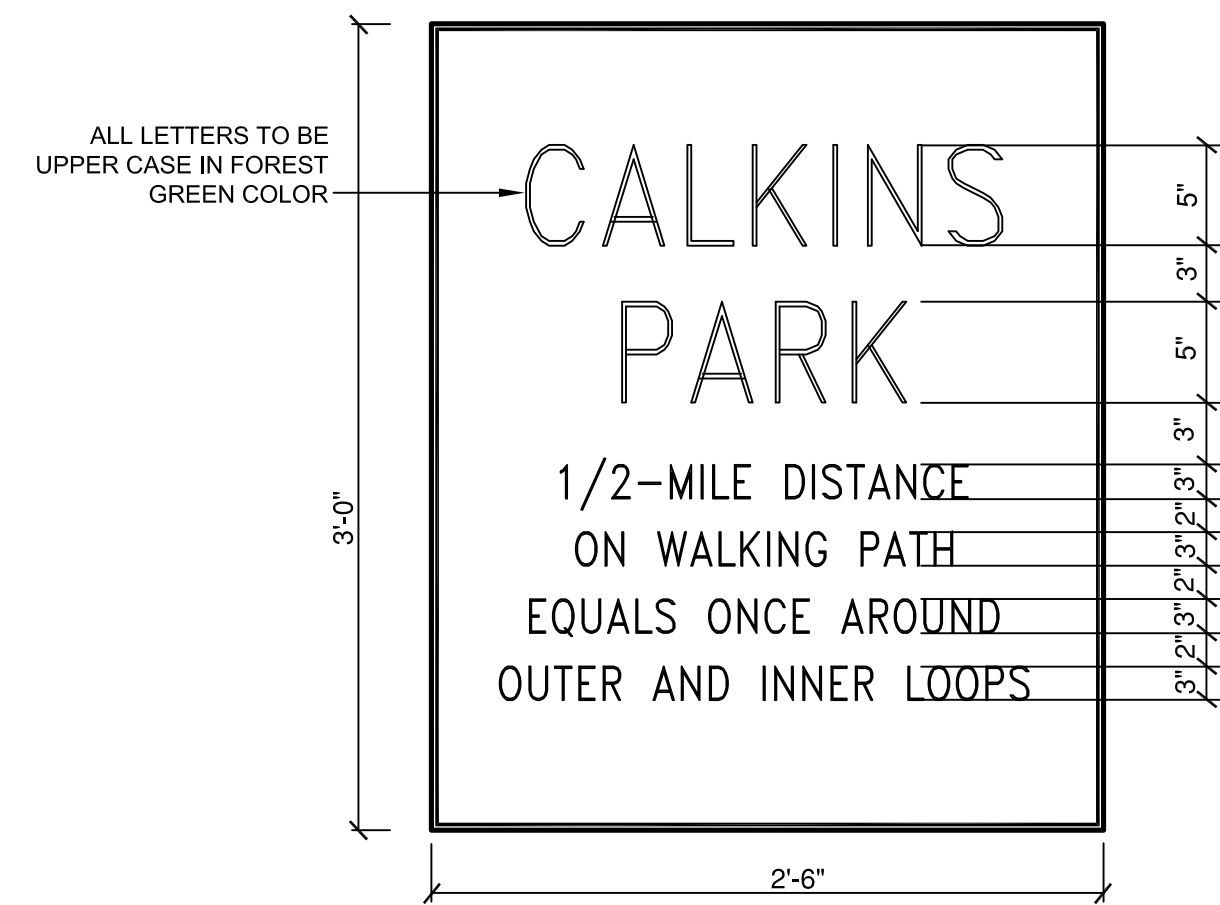
EXPANSION & CONTRACTION JOINTS

- NOTES:
 1. PROVIDE EXPANSION JOINTS FOR NEW CONCRETE PAVING AT ALL CURBS, BUILDING WALLS, SITE WALLS, STAIRS, LIGHT POLE BASES, MANHOLES, GRATES/VAULTS, EXISTING CONCRETE PAVING AND ALL OTHER FIXED MATERIALS.
 2. AIR CURING IS NOT ACCEPTABLE. SEE SPECIFICATIONS.



1 CONCRETE WALK

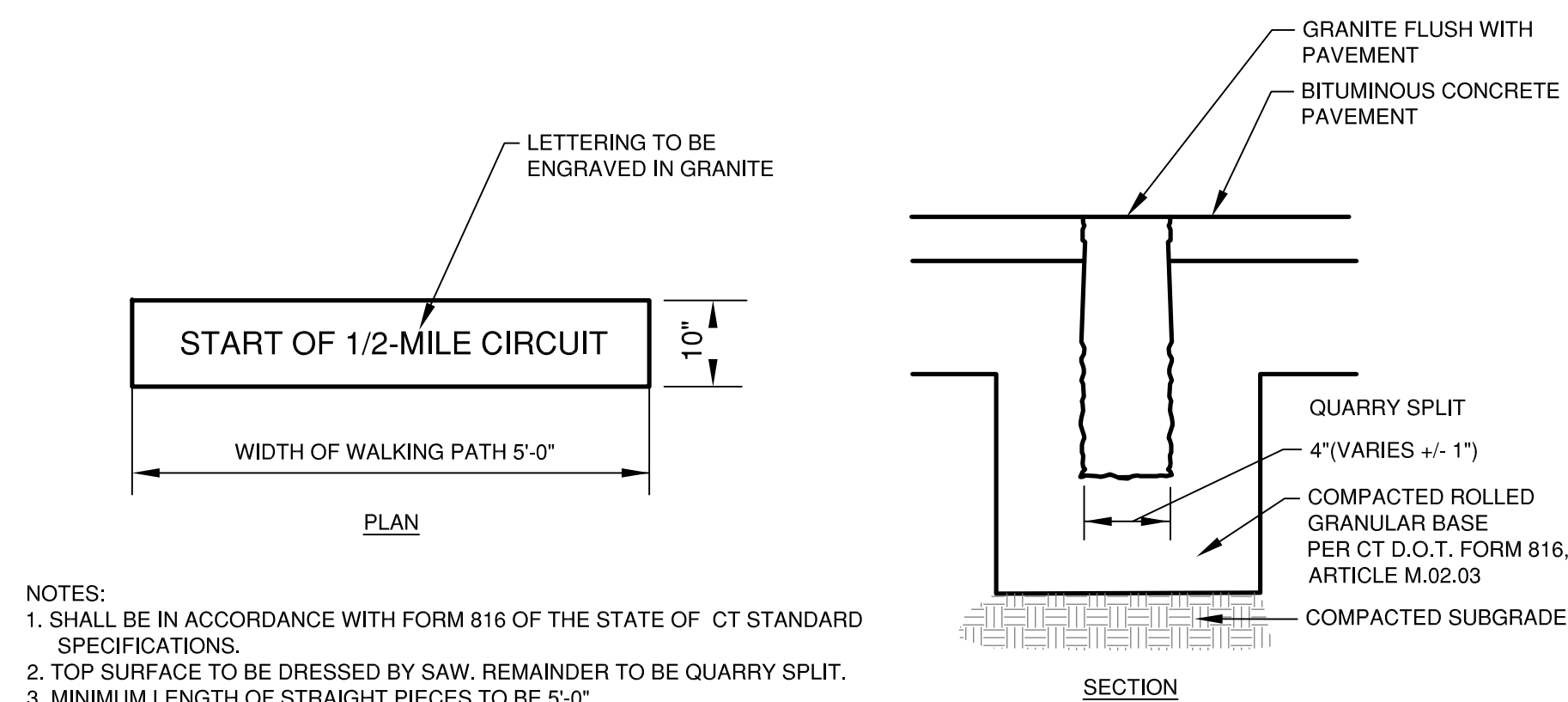
L-4.4 Scale 1 1/2" = 1'-0"



- NOTES:
 1. SIGN LETTERING COLORS TO BE AS NOTED.
 2. SIGN SHALL BE ALUMINUM (THICKNESS = 0.081").
 3. SIGN SHALL HAVE A WHITE REFLECTORIZED BACKGROUND.
 4. TWO SIGNS ARE REQUIRED, MOUNT ONE ON BUILDING AND ONE ON CHAIN LINK FENCE AT PARK ENTRANCE. COORDINATE WITH LANDSCAPE ARCHITECT FOR EXACT LOCATION IN FIELD.

2 WALKING PATH SIGN

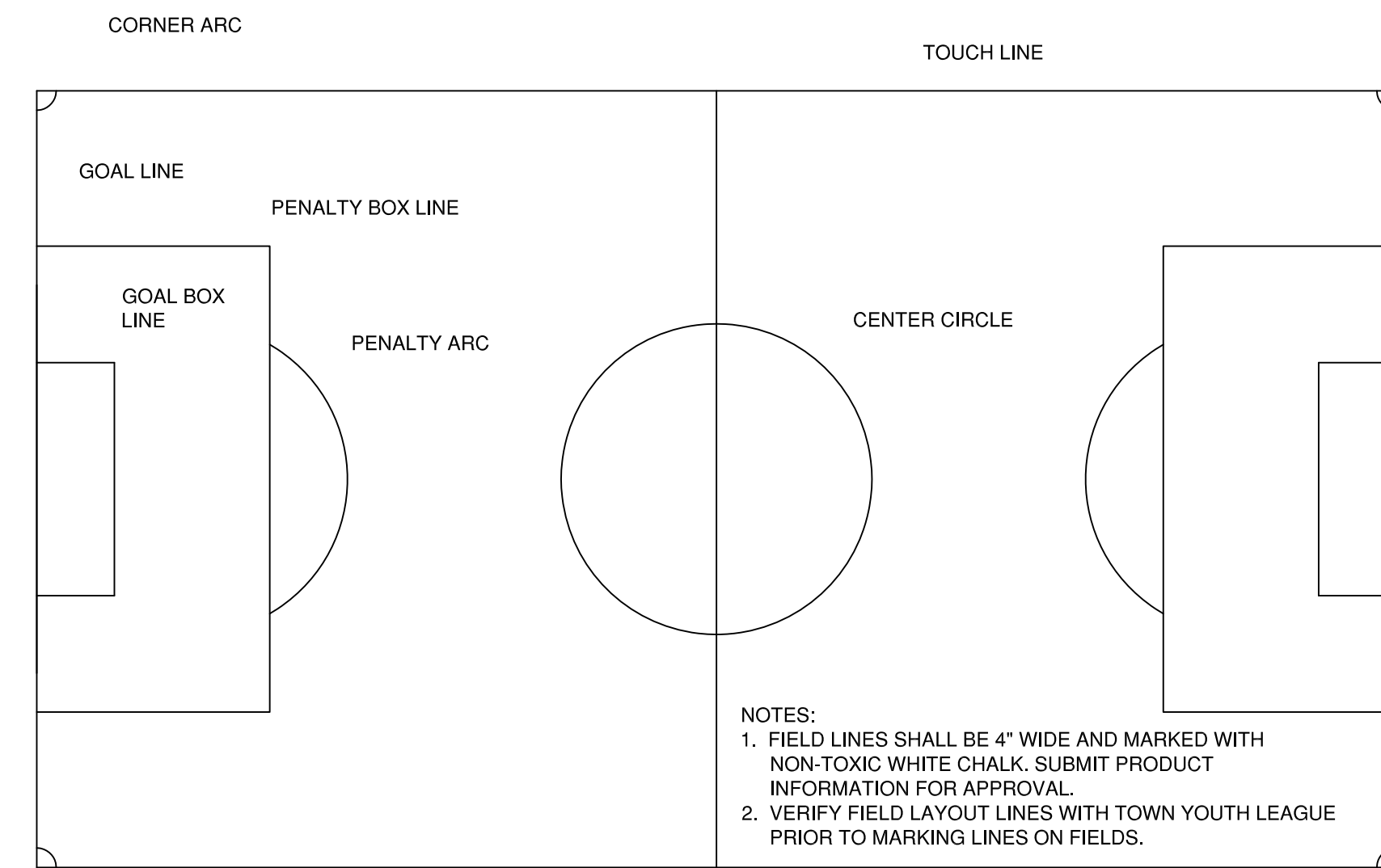
L-4.4 NOT TO SCALE



- NOTES:
 1. SHALL BE IN ACCORDANCE WITH FORM 816 OF THE STATE OF CT STANDARD SPECIFICATIONS.
 2. TOP SURFACE TO BE DRESSED BY SAW, REMAINDER TO BE QUARRY SPLIT.
 3. MINIMUM LENGTH OF STRAIGHT PIECES TO BE 5'-0".
 4. WIDTH OF CURB TO BE STD. 4-INCHES UNLESS NOTED OTHERWISE ON DETAILS AND PLANS.

3 GRANITE CURB MARKER FOR WALKING PATH

L-4.4 NOT TO SCALE



- NOTES:
 1. FIELD LINES SHALL BE 4" WIDE AND MARKED WITH NON-TOXIC WHITE CHALK. SUBMIT PRODUCT INFORMATION FOR APPROVAL.
 2. VERIFY FIELD LAYOUT LINES WITH TOWN YOUTH LEAGUE PRIOR TO MARKING LINES ON FIELDS.

FIELD SIZE	PENALTY AREA	CENTER CIRCLE	GOAL BOXES	PENALTY MARK	PENALTY ARC
U- 10 FIELD	42' X 90'	24' RADIUS	18' X 45'	30' FROM GOAL LINE	24' RADIUS FROM PENALTY MARK
U- 12 FIELD	54' X 132'	30' RADIUS	18' X 54'	30' FROM GOAL LINE	30' RADIUS FROM PENALTY MARK
U- 14 FIELD	54' X 132'	30' RADIUS	18' X 54'	30' FROM GOAL LINE	30' RADIUS FROM PENALTY MARK

4 SOCCER FIELD LAYOUT

L-4.4 NOT TO SCALE

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100%
 CONSTRUCTION
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DATE: 12-21-12
 JOB NO: 5593
 DRAWN BY: GM
 CHECKED BY: EMP

DRAWING TITLE:

SITE
 DETAILS

SHEET NO.
L-4.4

SEDIMENTATION AND EROSION CONTROL

PER STATE OF CONNECTICUT PUBLIC ACT 83-388
All applicable practices recommended by the 2002 CT Guidelines for Soil Erosion and Sediment Control are included by reference.

1. DESCRIPTION

The project consists of construction of new soccer fields and softball field. The project also includes a new walking track, bleachers and landscaping.

2. SCHEDULE

The project is anticipated to be constructed in Spring 2013.

3. DESIGN AND CRITERIA

Note: The Contractor shall name one individual as his Sediment and Erosion Control Supervisor whose primary responsibility will be the maintenance of all on-site erosion control measures. He will keep a daily log of his activities and an updated schedule of proposed construction activities. The log will be made available to inspectors.

A. GEOTEXTILE SILT FENCE (GSF) - Shall be non-woven material, minimum 36" high and fastened to wood stakes. Silt fence shall be installed with end runs turned up grade at 45 degrees for a distance of 10 feet (See detail this sheet).

B. TEMPORARY SEEDING (TS)

- Contractor shall scarify the soil to a depth of 2" before applying fertilizer, limestone and seed.
- Seed may be applied by hand or mechanically. Seed application shall be uniform. Seed rate shall be in accordance with the 2002 "Guidelines for Soil Erosion and Sediment Control" (increase seeding rates by 10% when hydroseeding. Limestone, fertilizer and seed may be applied in slurry.)
- Contractor shall mulch area (MS) immediately following seeding. (Note: In the event seeding operations are not feasible due to seasonal restrictions or extended inclement weather patterns, the Contractor shall install an Erosion Control Blanket over exposed soils.)

C. PERMANENT SEEDING (PS)

- Contractor shall apply topsoil and fine grade all areas before the application of permanent seed. Apply limestone and fertilizer as needed. In accordance with soil tests.
- Remove all surface stones 1/2 inch and larger. Remove all other debris and rake seed bed.
- Apply seed within 7 days after establishing final grades. See planting plan.

D. HAY BALE BARRIER (HB) - Shall be made of hay or straw with 40 pounds minimum weight and 120 pounds maximum weight, held together by twine or wire. (See detail this sheet).

E. CONSTRUCTION ENTRANCE (CE) - Shall be an angular stone (DOT Standard Spec Section M.01.01 size #3) pad, a minimum of 12' wide and 50' long. (See detail this sheet).

F. EROSION CONTROL BLANKET (ECB) - Erosion mat shall be placed on all exposed cut/fill slopes steeper than 3:1 (including swales & ditches) to protect against rainfall and hold moisture content to enhance vegetation growth in seeded areas. Mat (or blankets) shall be straw or straw/coconut fiber combination sewn together with lightweight netting. Use North American green, S150 - slopes up to 3:1, SC150-slopes from 3:1 up to 2:1 or greater. Temporary hay mulch to be applied to areas less than 3:1 slope and all areas to be left barren over the winter, mulch rate to be 70 pounds/1000 s.f.

4. APPLICATION/GENERAL PROCEDURES

- Soil erosion and sediment control measures will be installed prior to any site disturbance, and development will proceed according to a specific construction sequence. The objective is to maximize the reduction of sediment-laden runoff through implementation of conventional soil sedimentation and erosion control practices currently recommended by the 2002 "CT Guidelines for Soil Erosion and Sediment Control".
- Earthwork will be scheduled for periods when soil saturation is low and Soil loss hazard is at a minimum.
- Suspend earthwork for major storm events and implement additional sedimentation and erosion control measures as necessary.
- There shall be no cuts or fill left exposed for longer than 30 days. The established procedure of temporarily seeding and/or cover with erosion protection (mat or hay) shall be followed to insure minimal soil loss.

5. MONITORING AND MAINTENANCE PROGRAM

- For the duration of the project construction, the Contractor shall maintain all sedimentation and erosion control devices to insure their efficient operation.
- The responsibility for performing periodic checks of the protection system in-place and to coordinate cleaning and repair operations shall be assigned to the General Contractor's project representative.
- All sedimentation and erosion control devices shall be checked for the adequacy of the control systems prior to severe storm weather forecasts. Inspect control system during and after storms to determine necessary repairs.
- Repairs to sedimentation control systems directed by the project representative shall be done within 24 hours of the directive or as soon as possible prior to storm warnings.
- Replacement materials for the devices utilized must be readily available for repairs.
- Clean sedimentation and erosion control devices as directed by the projects representative.
- Placement of temporary sedimentation and erosion control devices that are not shown on plans, but are required due to Contractor's operations, shall be placed at the direction of the projects representative.
- Dust control and off-site debris caused by the Contractor's earthwork operations shall be prevented, or cleaned-up in accordance with the standard state specification "Form 816".

6. SPECIFIC MAINTENANCE MEASURES SHALL BE AS FOLLOWS:

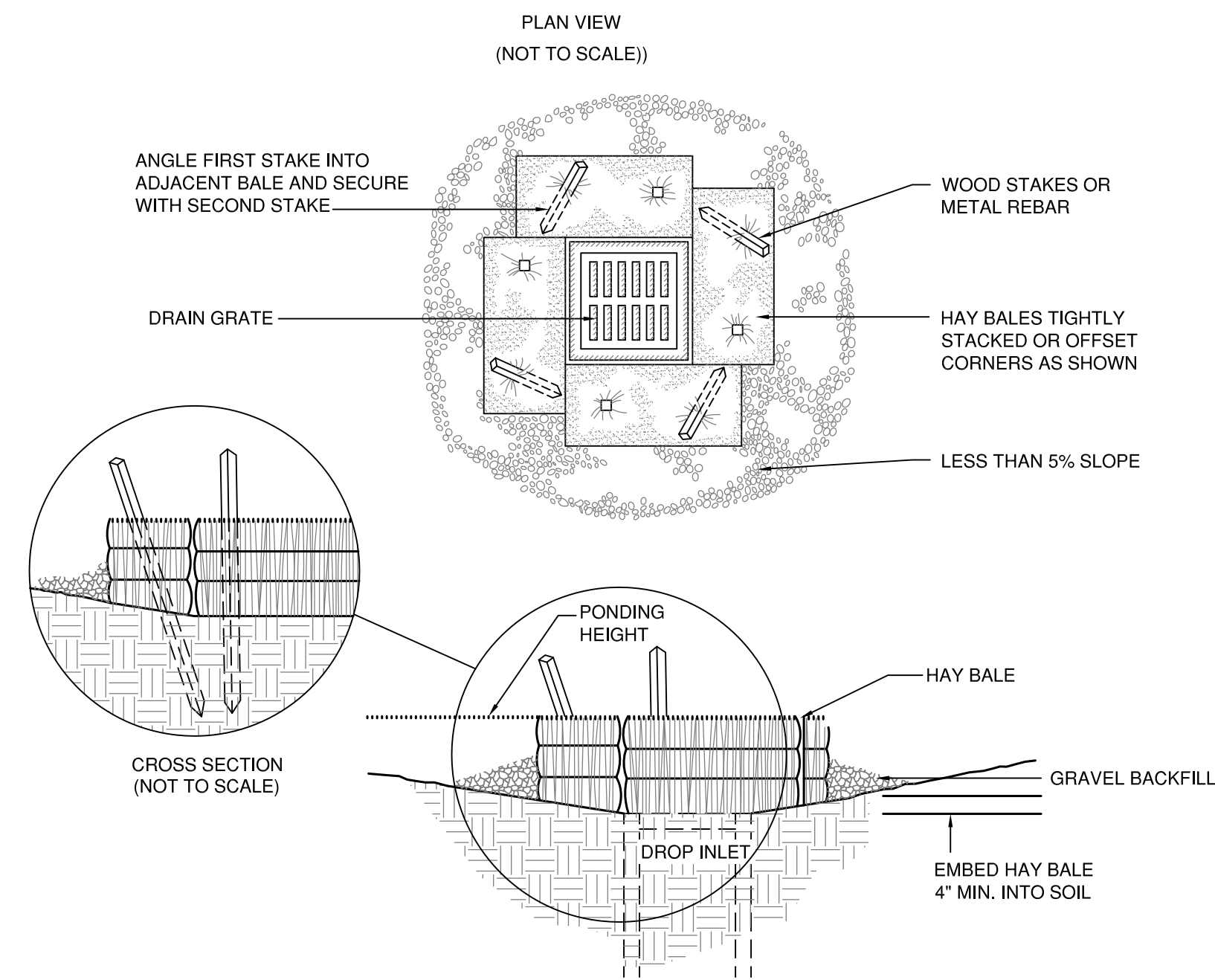
- GEOTEXTILE SILT FENCE (GSF)** - Inspect GSF at least once a week and within 24 hours of the end of any storm event of 0.5-inch or greater. Repair or replace the fence within 24-hours of observed failure.
- HAY BALE BARRIER (HB)** - Inspect HB at least once a week and within 24 hours of the end of any storm event of 0.5-inch or greater. Repair or replace the hay bales within 24-hours of observed failure.
- CONSTRUCTION ENTRANCE (CE)** - Maintain the entrance in a condition which will prevent tracking and washing of sediment onto paved surfaces. Provide periodic top dressing with additional stone or additional length as conditions demand. Repair any measures used to trap sediment as needed. Immediately remove all sediment spilled, dropped, washed or tracked onto paved surfaces. Roads adjacent to a construction site shall be left clean at the end of each day.
If the construction entrance is being properly maintained and the action of a vehicle traveling over the stone pad is not sufficient to remove the majority of the sediment, then either (1) increase the length of the construction entrance, (2) modify the construction access road surface, or (3) install washing racks and associated settling area or similar devices before the vehicle enters a paved surface.

D. SEEDING (TEMPORARY & PERMANENT)

Inspect seeded area at least once a week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inch or greater for seed and mulch movement and fill erosion.

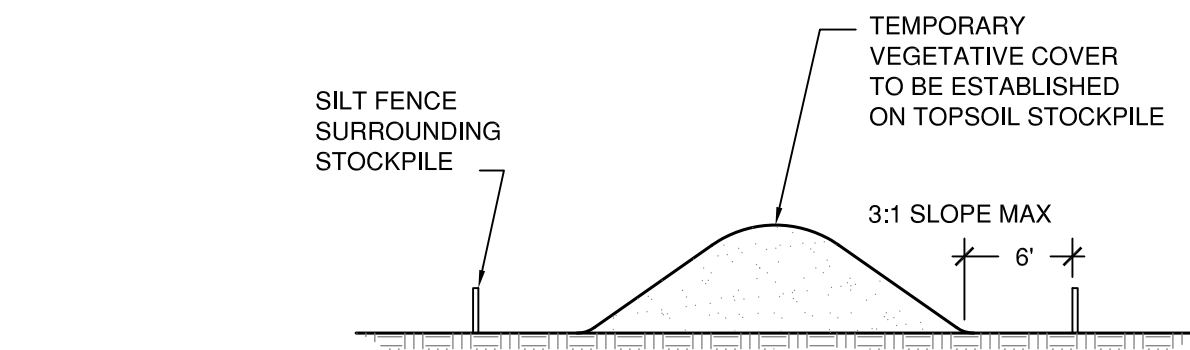
Where seed has moved or where soil erosion has occurred, determine the cause of the failure. Bird feeding may be a problem if mulch was applied too thinly to protect seed. Re-seed and re-mulch. If movement was the result of wind, then repair erosion damage (if any), reapply seed and mulch and apply mulch anchoring. If failure was caused by concentrated runoff, install additional measures to control water and sediment movement, repair erosion damage, re-seed and re-apply mulch with anchoring or use Temporary Erosion Control Blanket measure.

Continue inspections until the grasses are firmly established. Grasses shall not be considered established until a ground cover is achieved which is mature enough to control soil erosion and to survive severe weather conditions (approximately 80% vegetative surface cover).



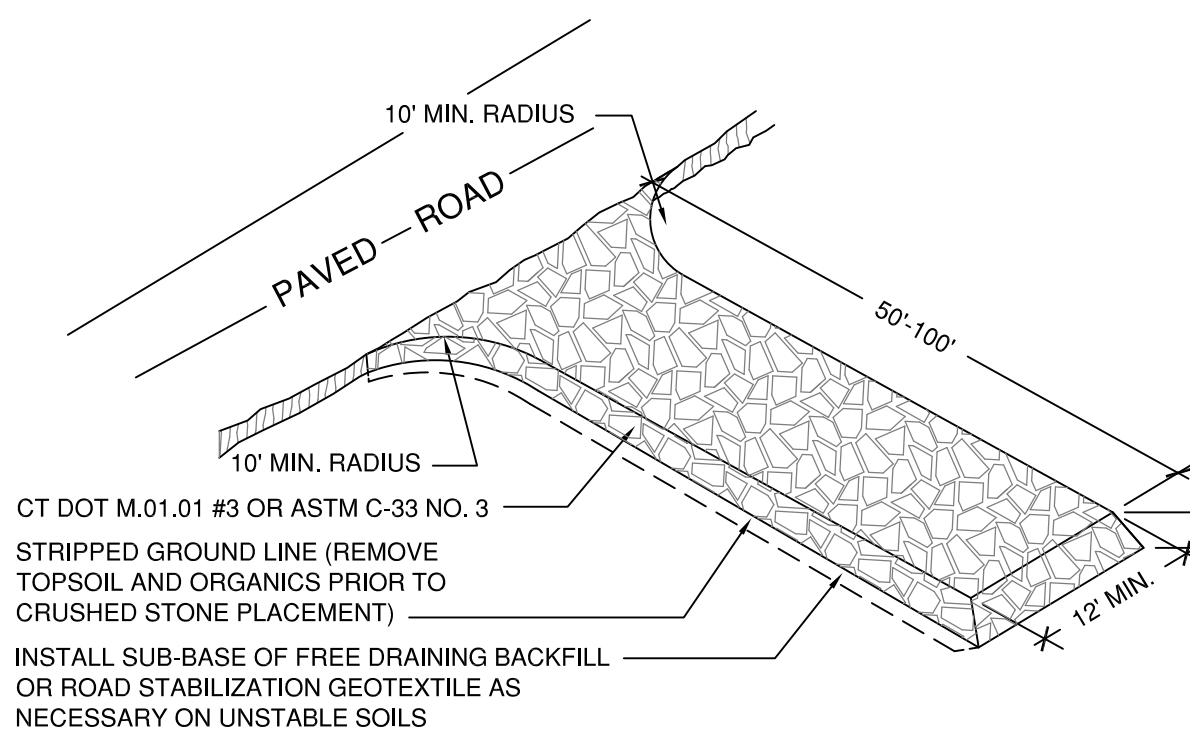
HAY BALE BARRIER AT CATCHBASIN (HB)

4 ES-1 N.T.S.



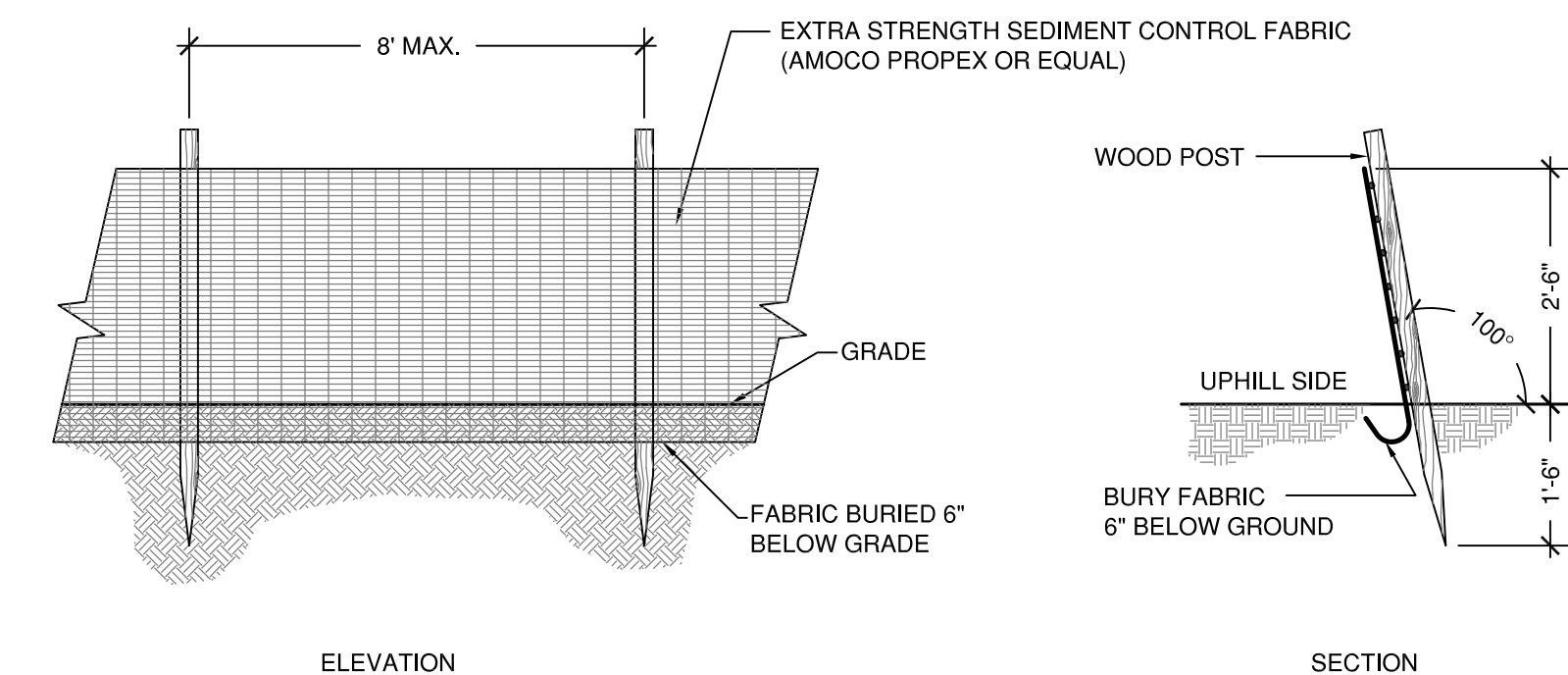
1 TOPSOIL STOCK PILE AREA

1 ES-1 N.T.S.



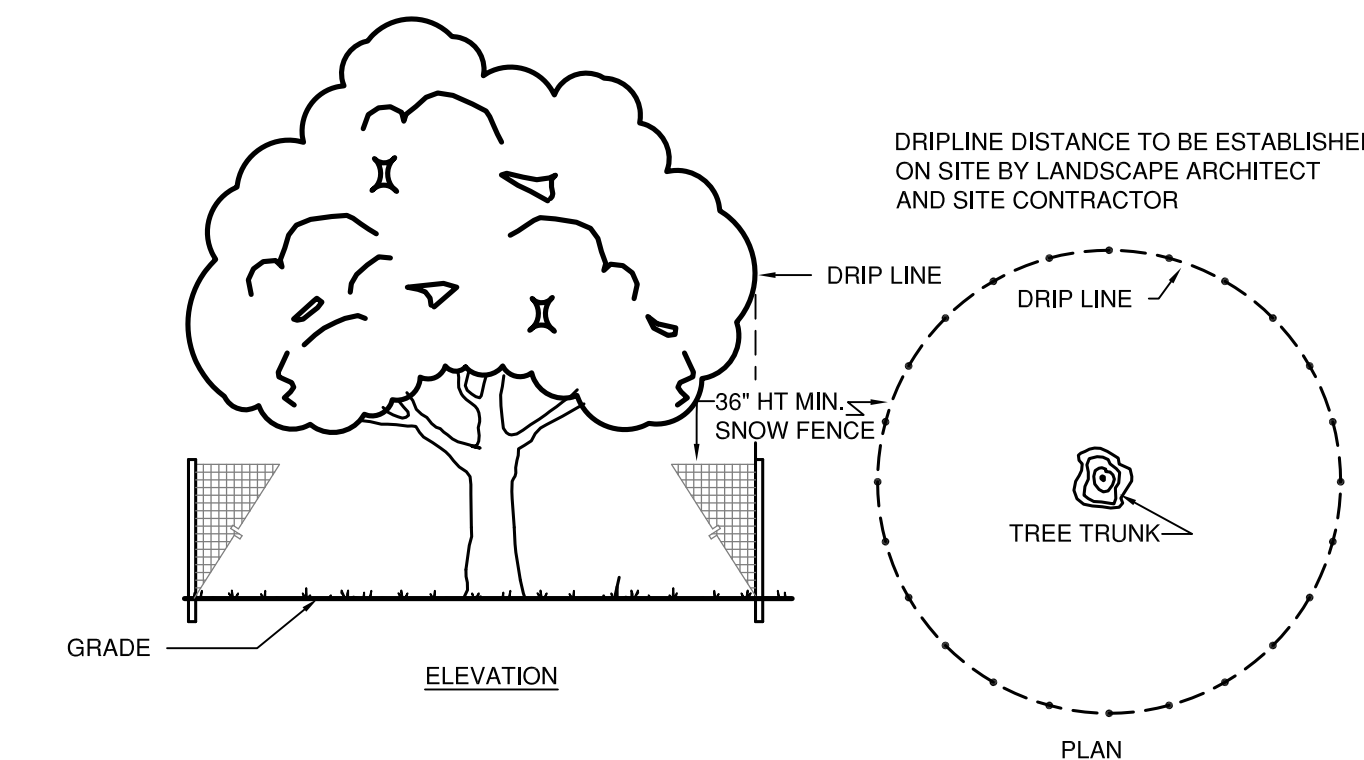
2 CONSTRUCTION ENTRANCE (CE)

2 ES-1 N.T.S.



3 GEOTEXTILE SILT FENCE (GSF)

3 ES-1 SCALE 1/2\"/>



5 TREE PROTECTION

5 ES-1 1/8\"/>

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Landscape Ecology
Cultural Landscape Preservation
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200 Centerville Road, Ste. 6, Warwick, RI 02886
tel: 860-438-0915
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EROSION AND SEDIMENT CONTROL NOTES AND DETAILS

SHEET NO.
ES-1

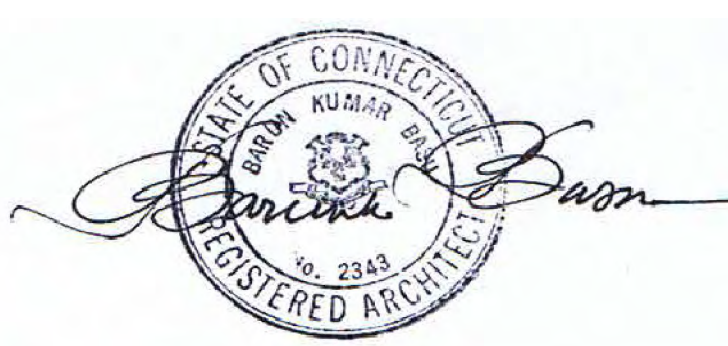
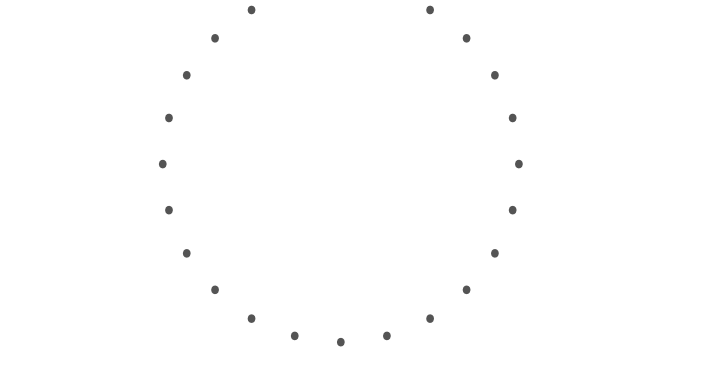
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DATE: 12-10-12
 JOB NO. 1225
 DRAWN BY: SARAH NELSON
 CHECKED BY: BB

DRAWING TITLE:
**EXISTING CONDITIONS:
 BUILDING PLANS AND
 PHOTOGRAPHS**

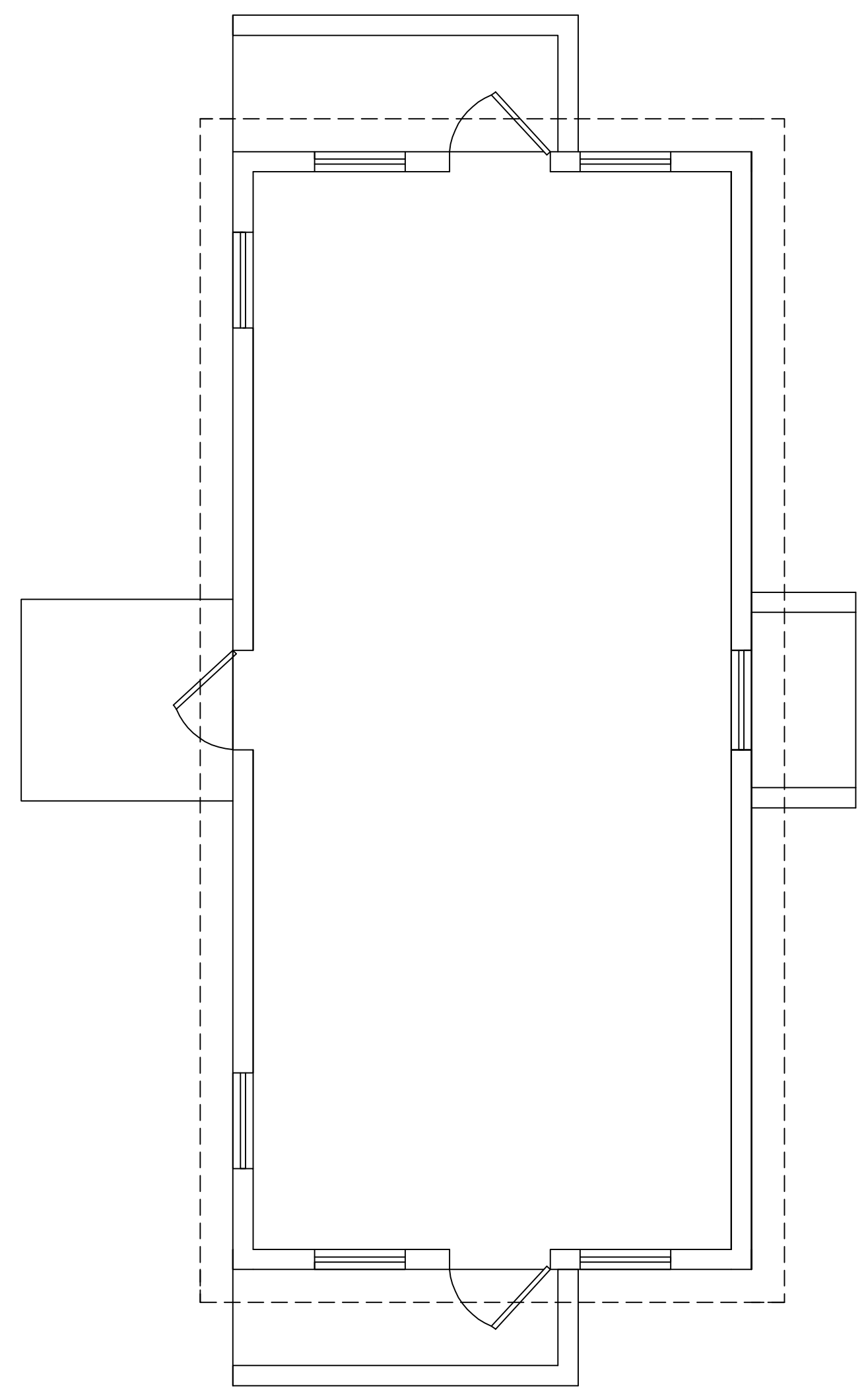
RELOCATE EXISTING DRINKING FOUNTAIN
 CHECK DOOR CLOSURE MECH. FOR ADA COMPLIANCE

REMOVE EXISTING PARTITIONS

RELOCATED DRINKING FOUNTAIN MIN. 15" FROM SURFACE OF WALL. PLUMBING TO BE INTERIOR SURFACE MOUNTED 1/2" COLD WATER LINE

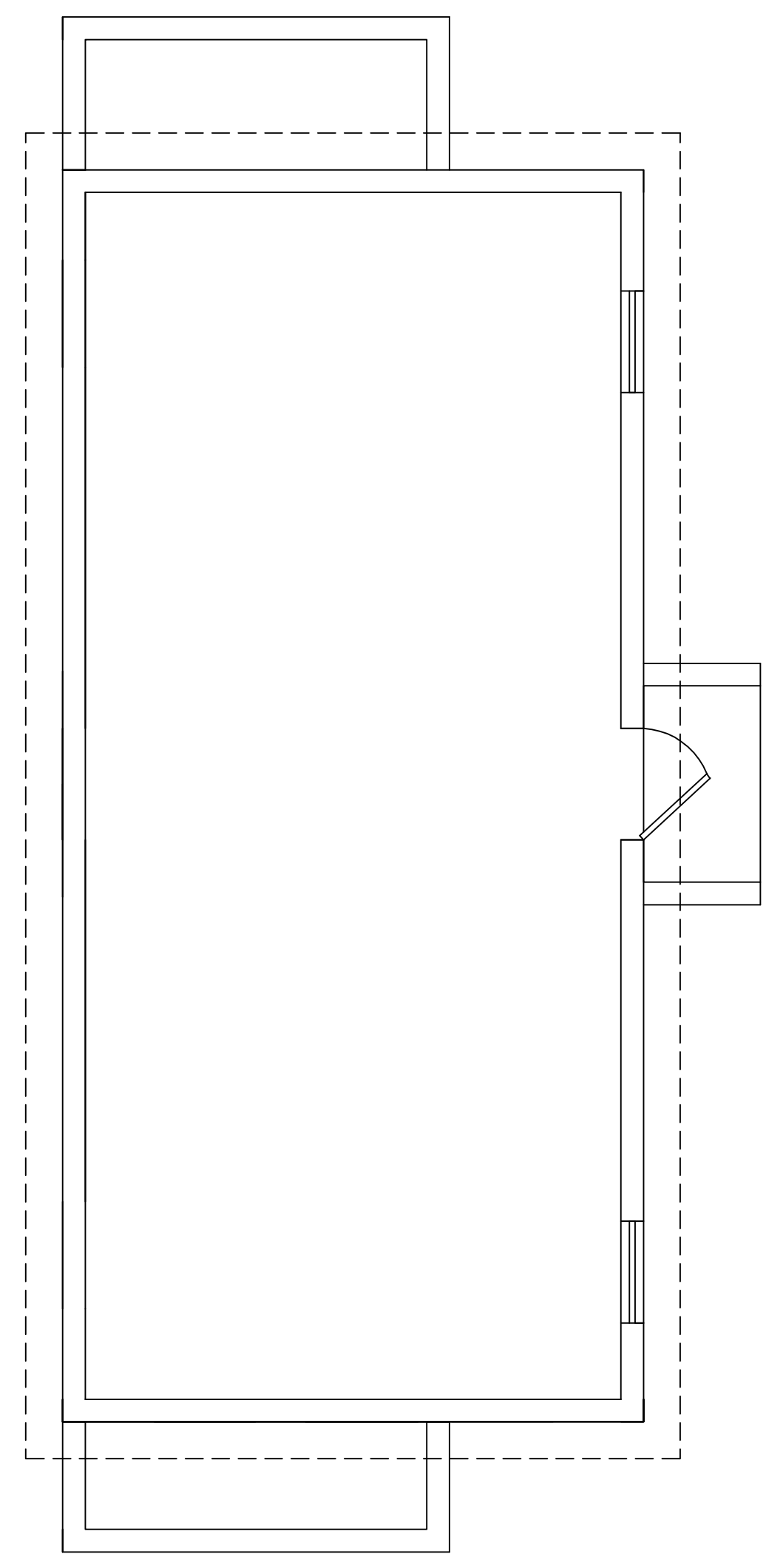
FIRST FLOOR PLAN

CRESCENT STREET BUILDING PLAN

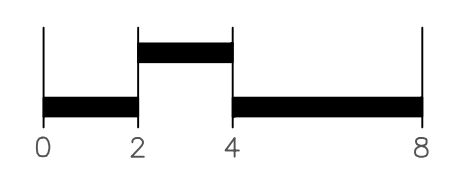


FIRST FLOOR PLAN

RIVERVIEW AVENUE BUILDING PLANS



BASEMENT PLAN

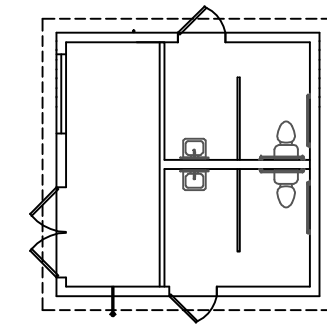
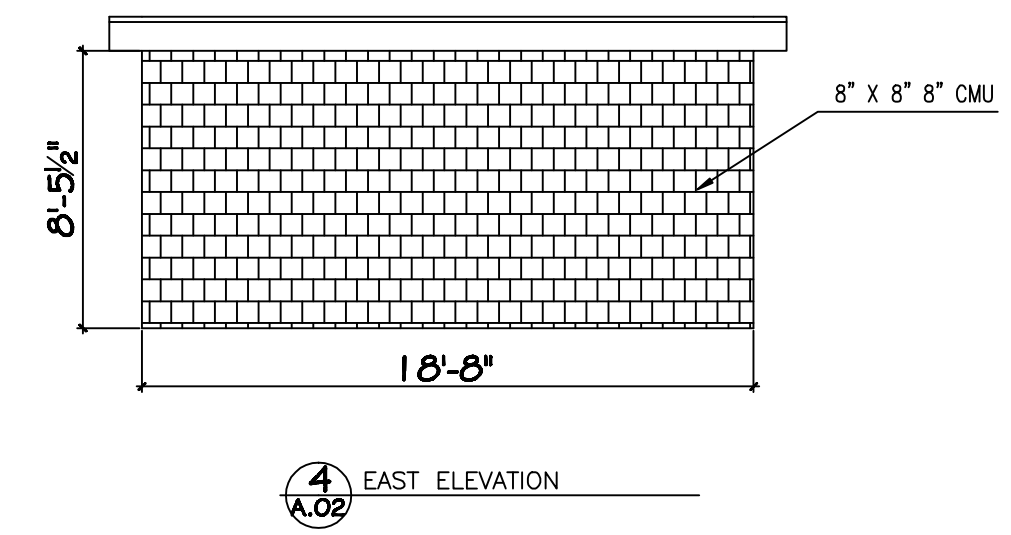
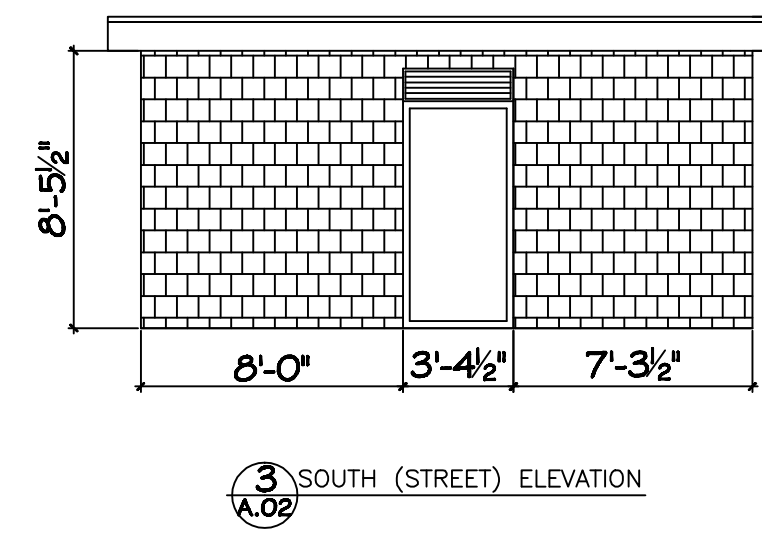
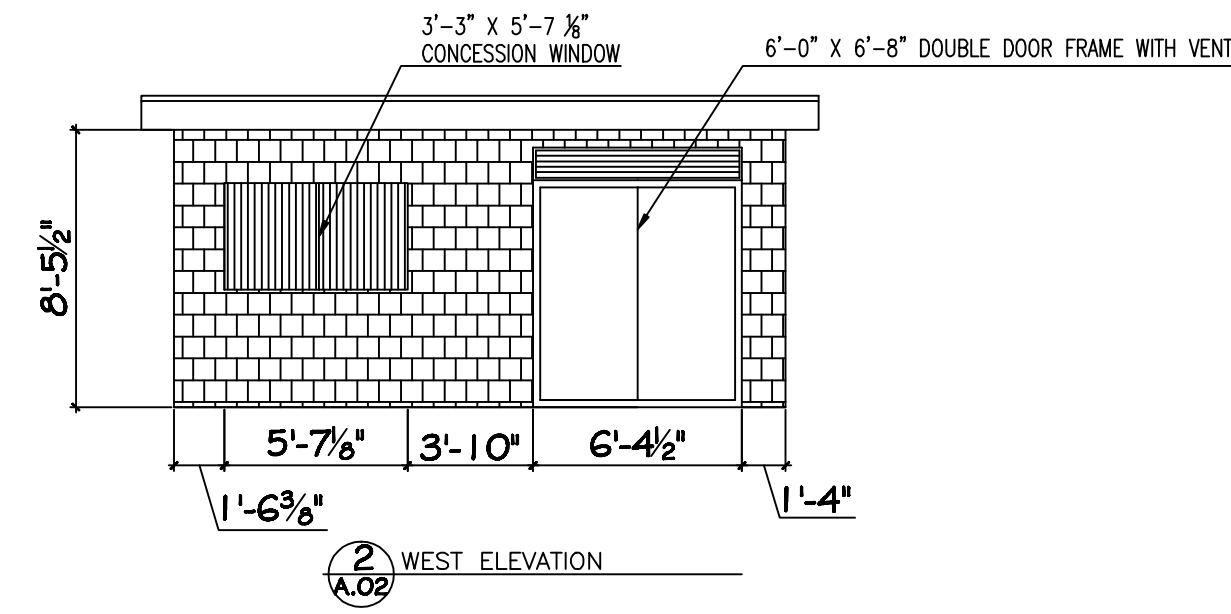
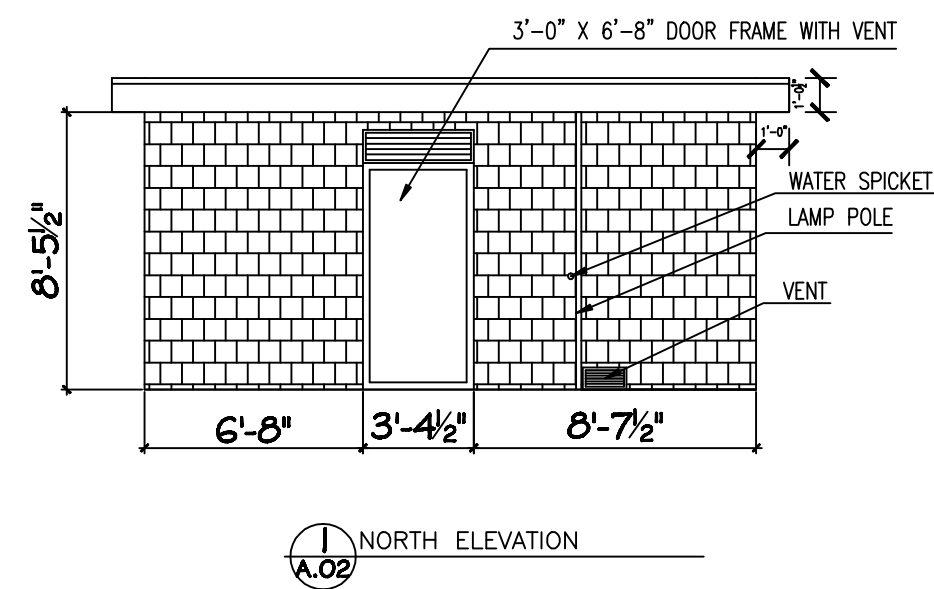


SCALE: 1/4" = 1'-0"

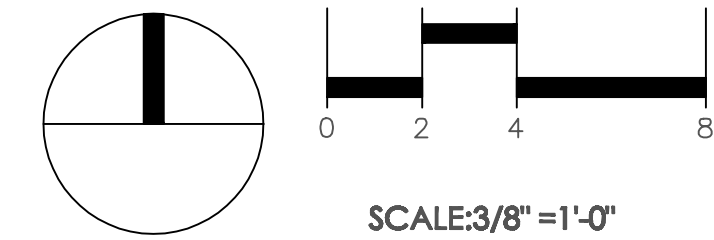


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5 CRESCENT STREET BUILDING ELEVATIONS

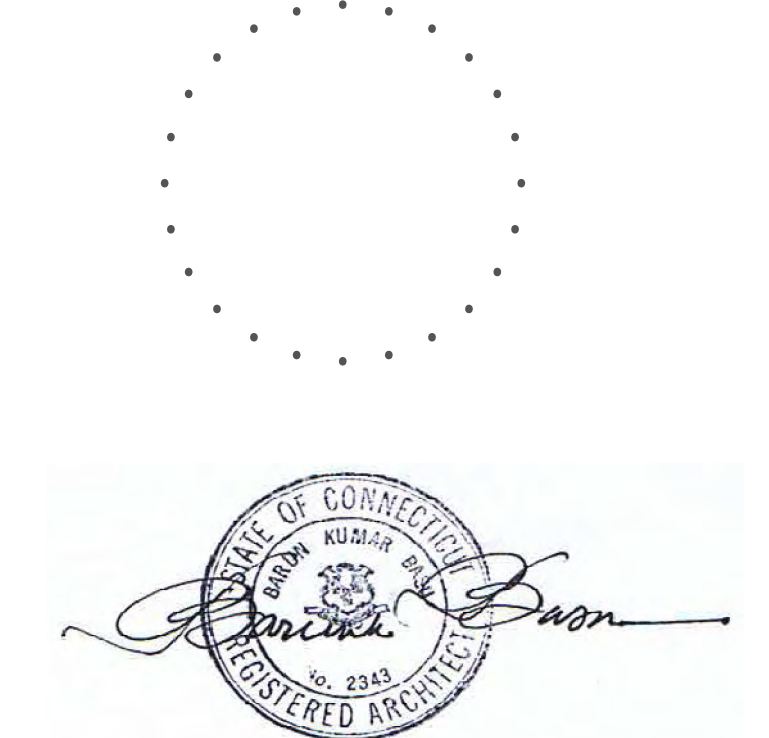


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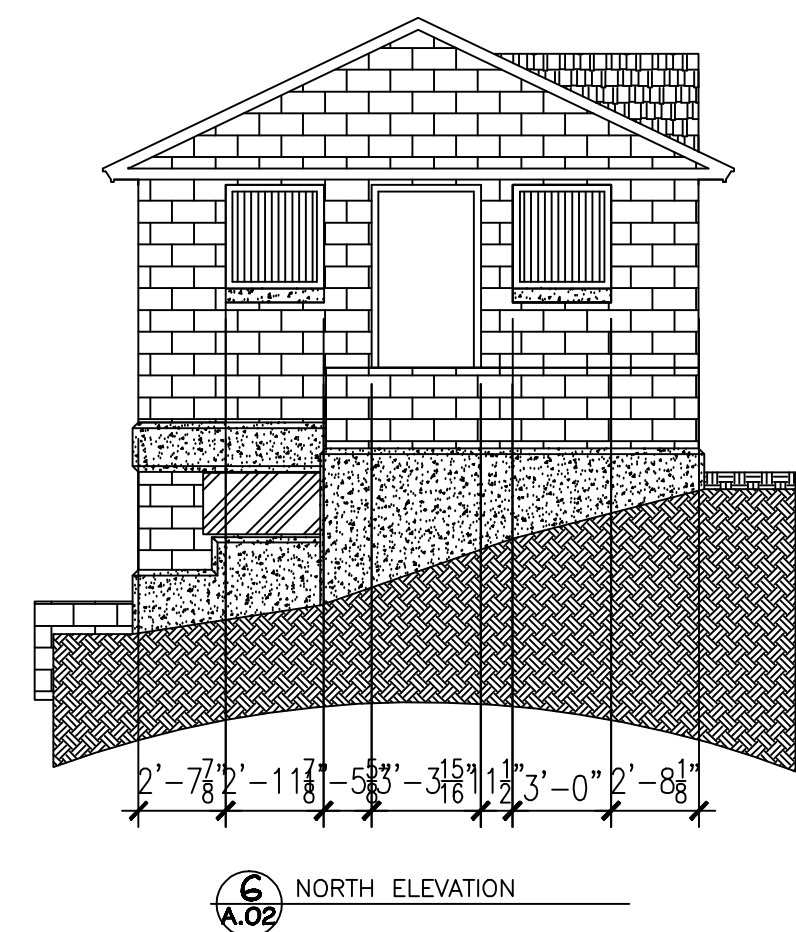
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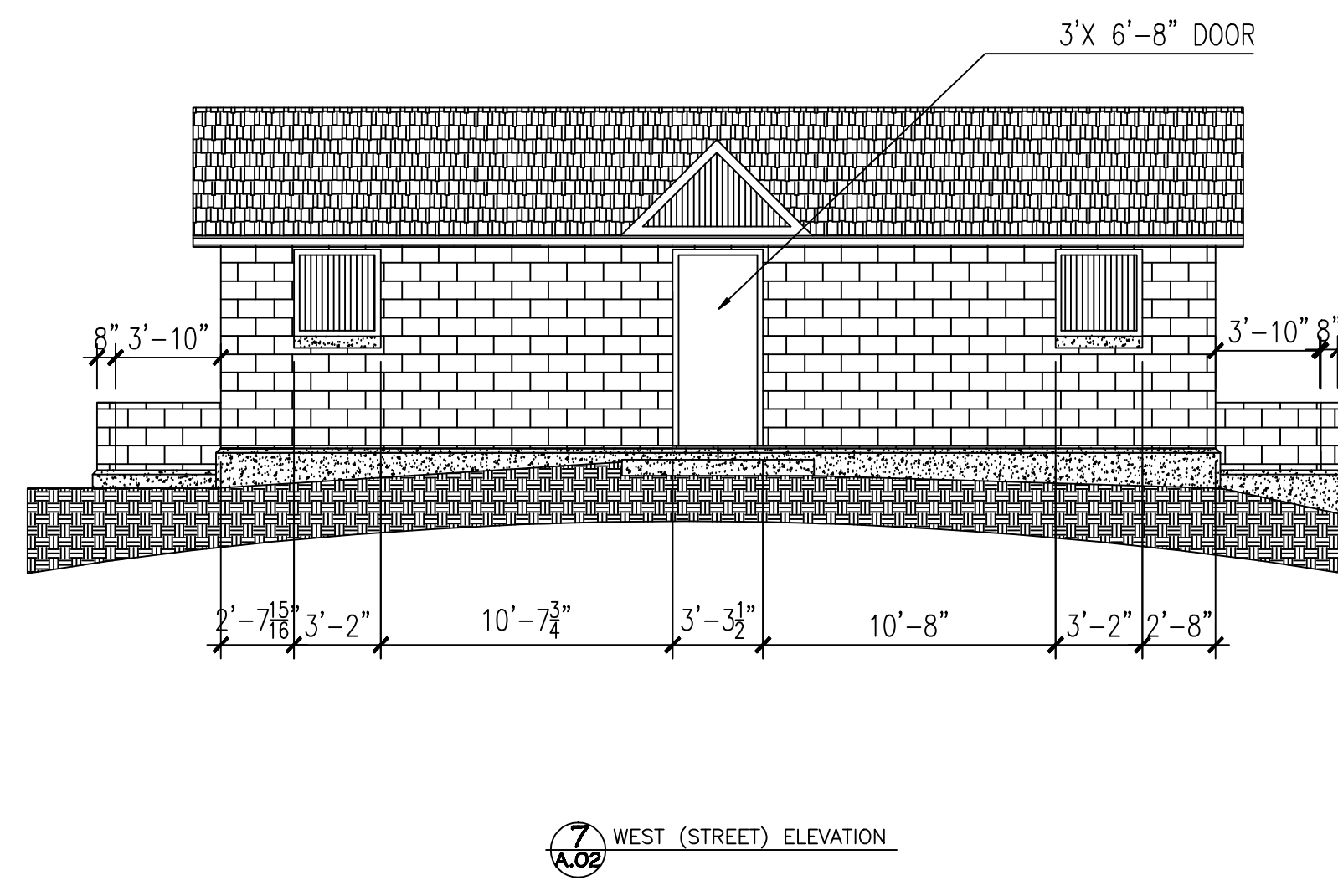
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**EXISTING CONDITIONS:
BUILDING ELEVATIONS**

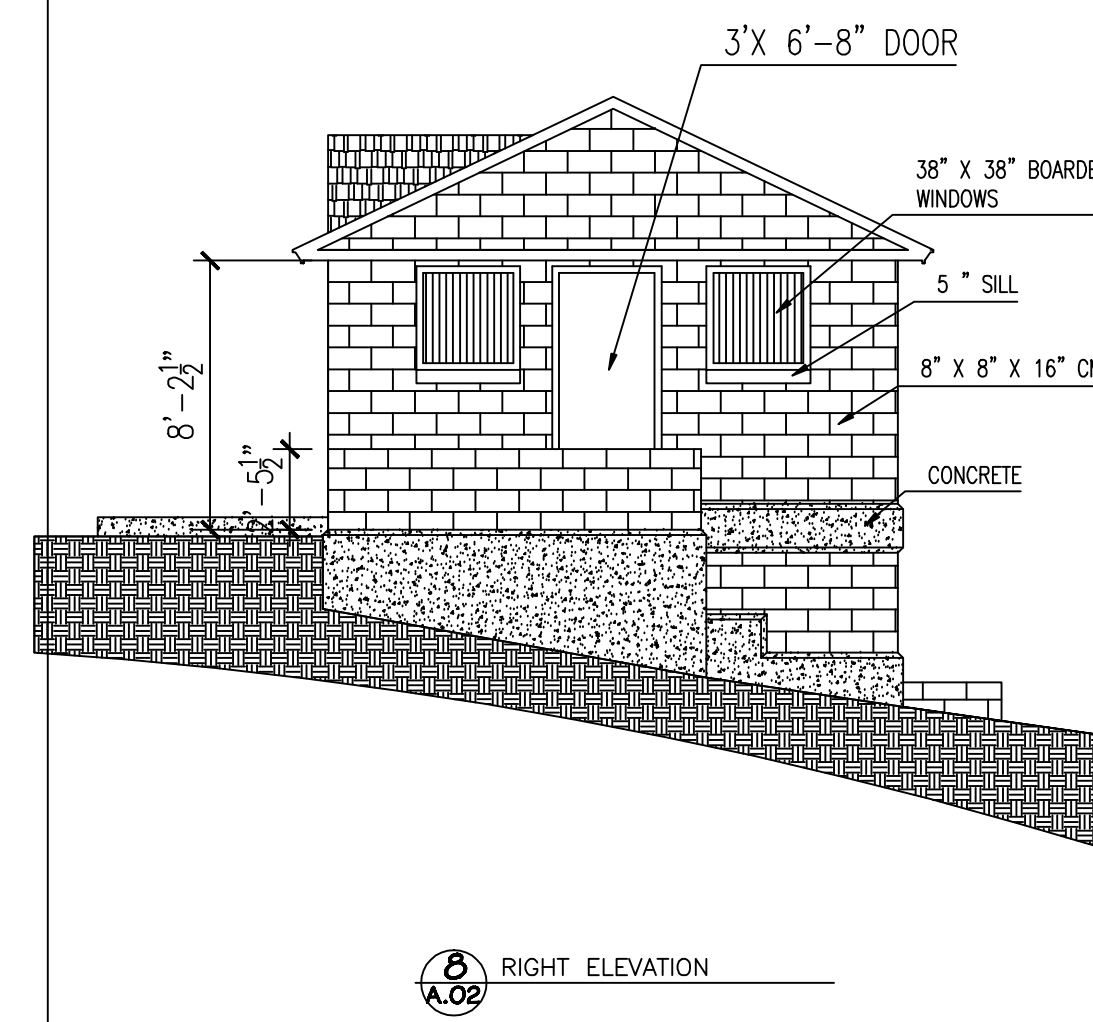
SHEET NO.
A.02



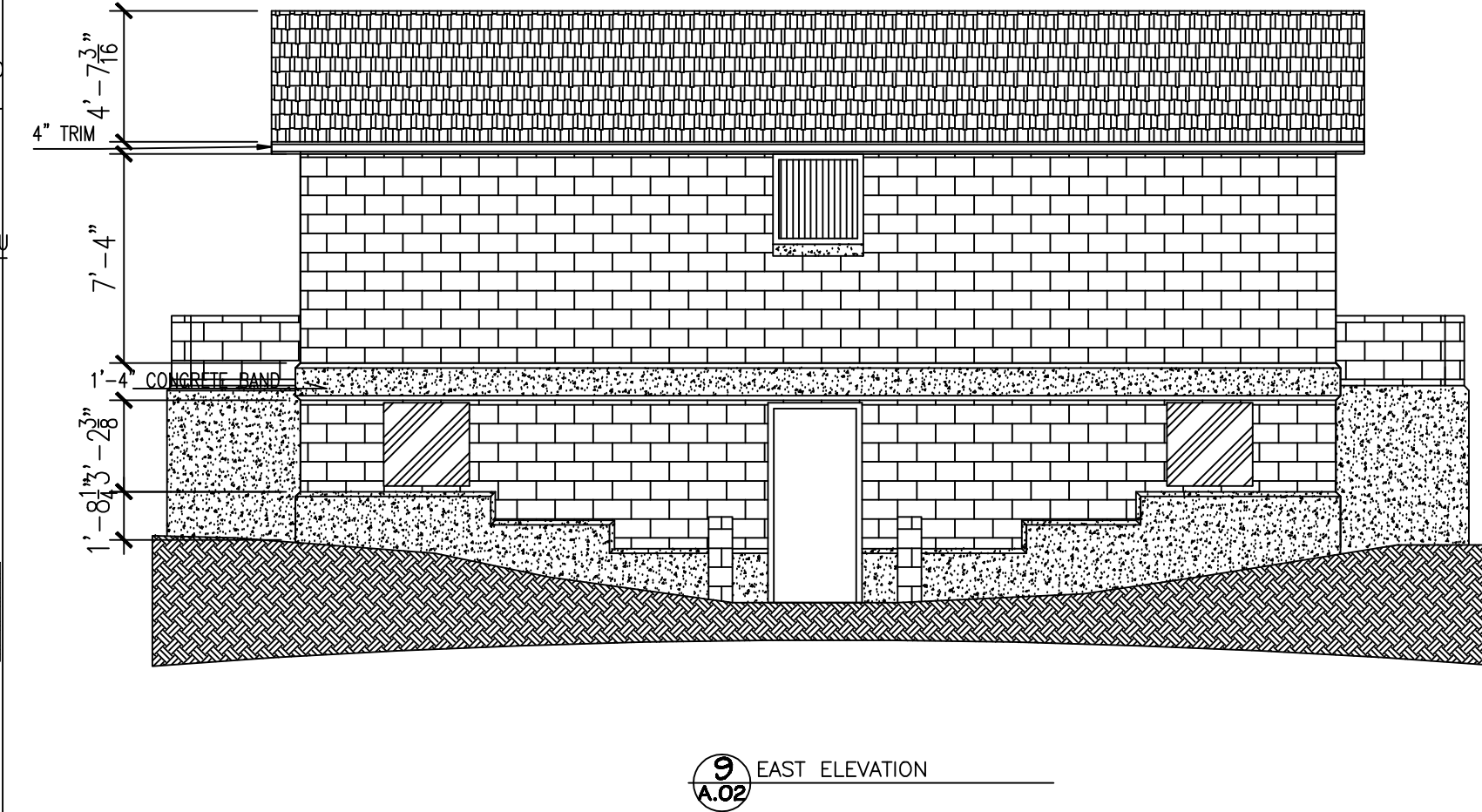
6 NORTH ELEVATION



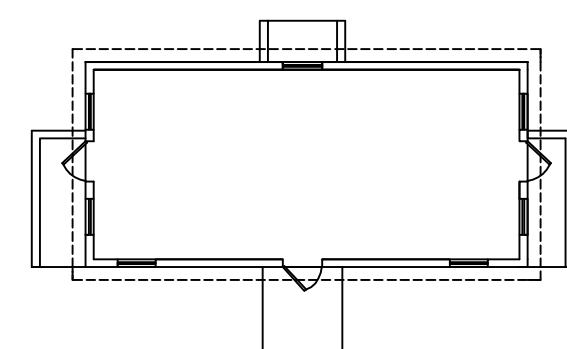
7 WEST (STREET) ELEVATION



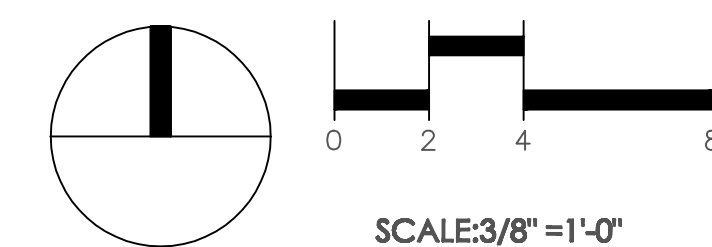
8 RIGHT ELEVATION



9 EAST ELEVATION

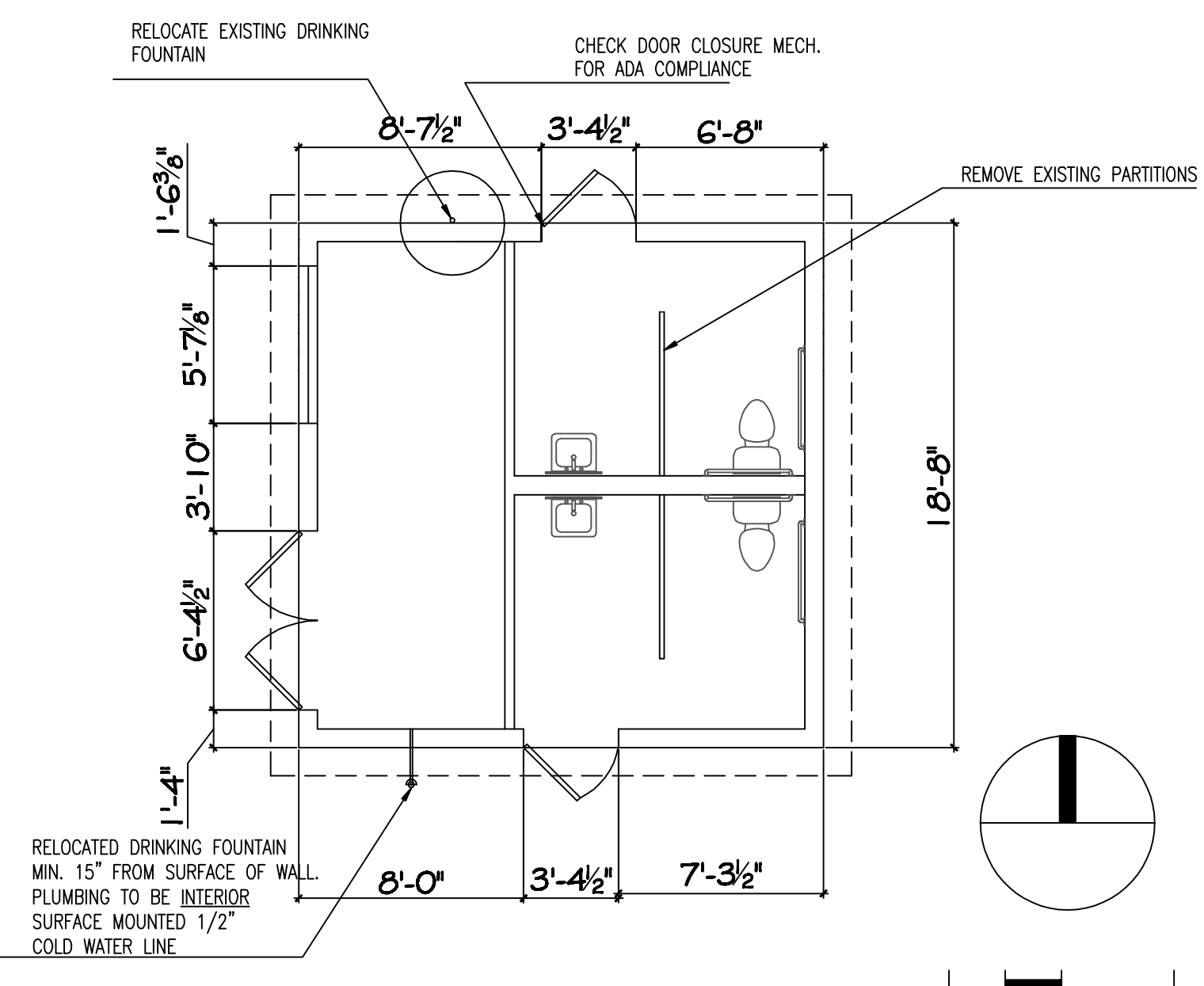


10 RIVERVIEW AVENUE BUILDING ELEVATIONS
EXISTING CONDITIONS



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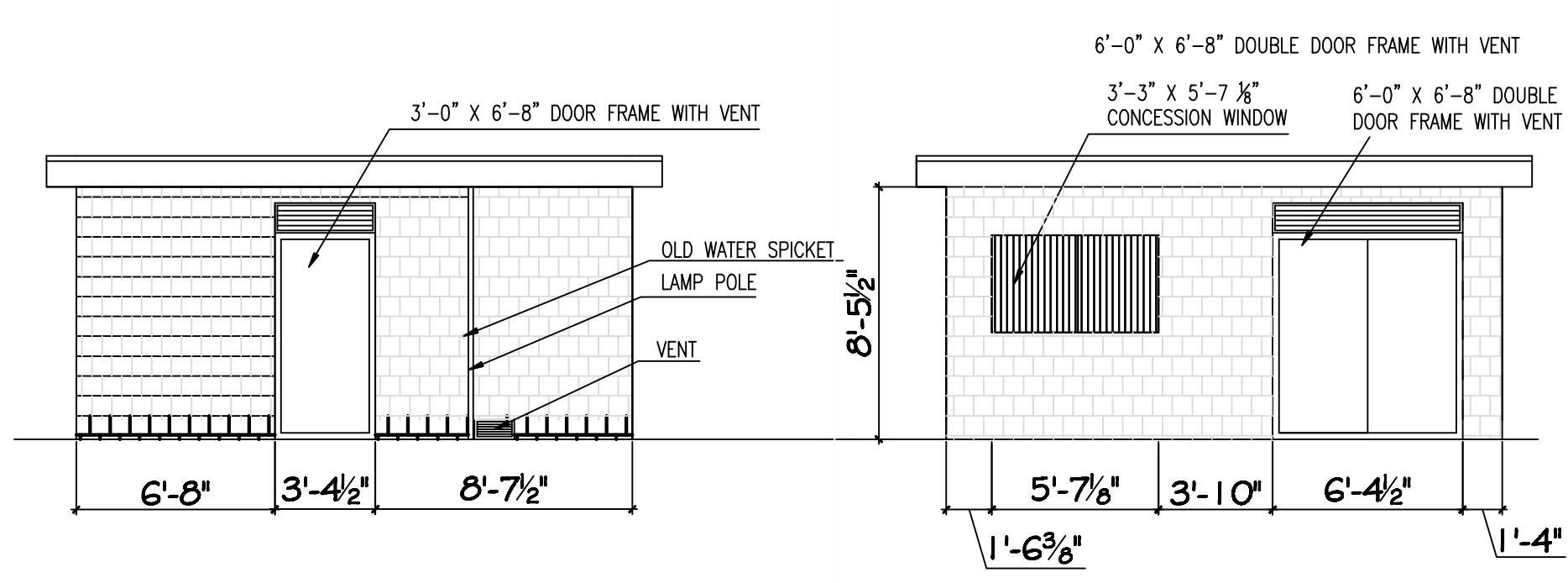


1 A.03 CRESCENT STREET BUILDING PROPOSED FLOOR PLAN

NOTE: CRESCENT STREET BUILDING WORK TO BE DONE:

- INTERIOR**
1. REMOVE AND DISPOSE EXISTING PARTITION
 2. UPDATE FIXTURES AS NECESSARY PER ADA REQUIREMENTS

- EXTERIOR**
3. RELOCATE DRINKING FOUNTAIN HEAD AT 36" MAXIMUM HEIGHT, MINIMUM OF 15" FROM SURFACE OF WALL
 4. PAINT EXTERIOR TRIM WHITE
 5. PAINT EXTERIOR DOORS, GRATES, AND CONCESSION WINDOW GREEN
 6. PRIMER AND PAINT MARKED AREA WITH OIL BASED EPOXY (LIGHT GRAY ON TOP, DARK GRAY ON BOTTOM)



2 A.03 NORTH ELEVATION

3 A.03 WEST ELEVATION

4 A.03 SOUTH (STREET) ELEVATION

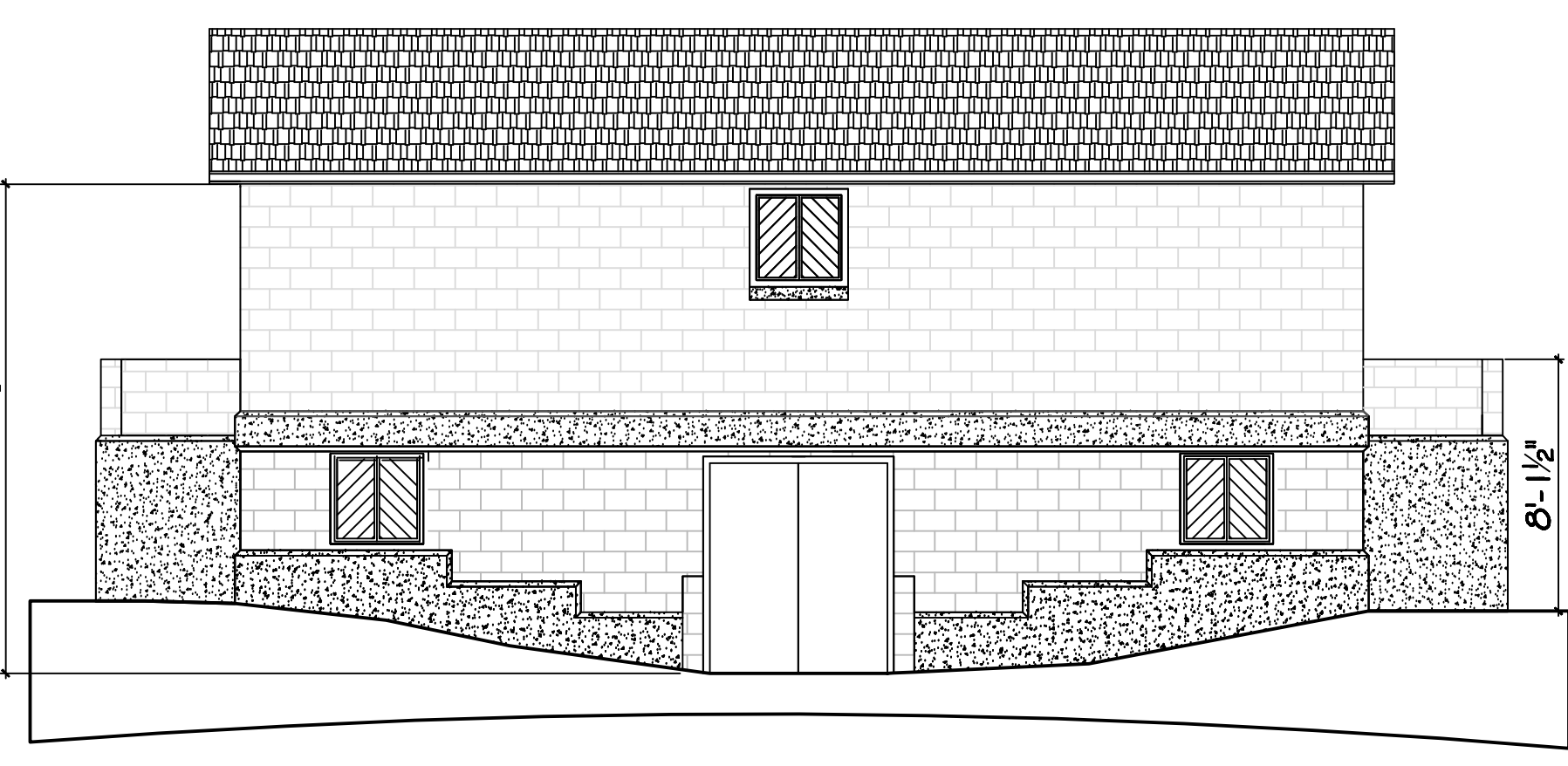
5 A.03 EAST ELEVATION

6 A.03 CRESCENT STREET BUILDING PROPOSED ELEVATIONS

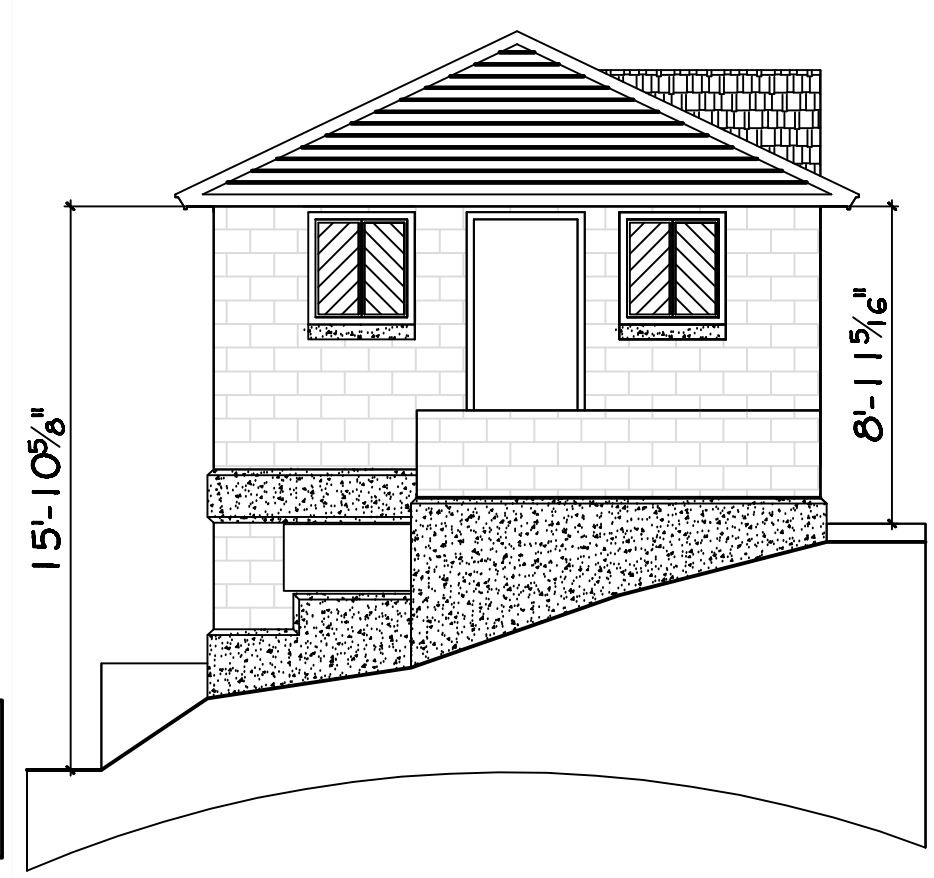
NOTE: RIVERVIEW AVENUE BUILDING WORK TO BE DONE:

- INTERIOR**
- *NONE
- EXTERIOR**

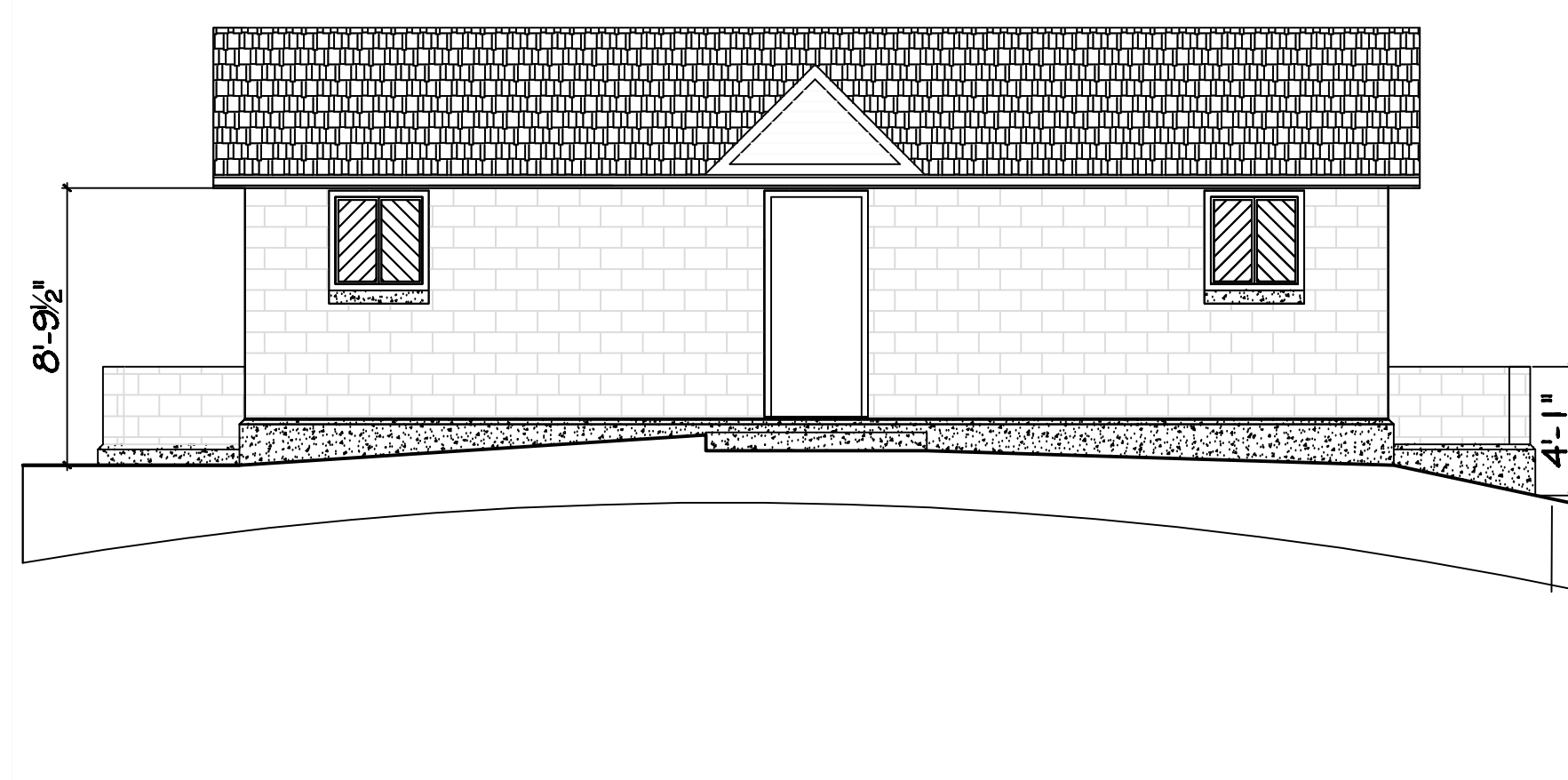
1. COVER GABLE ENDS IN HARDI PLANK AND PAINTED WHITE
2. PAINT EXTERIOR TRIM WHITE
3. FAUX SHUTTERS TO BE MADE FOR WINDOWS OUT OF 1" X 4" BOARDS ON 45° ANGLE
4. PAINT EXTERIOR DOORS AND WINDOWS GREEN TO MATCH FENCE
5. PRIMER AND PAINT MARKED AREA WITH OIL BASED EPOXY (LIGHT GRAY ON TOP, DARK GRAY ON BOTTOM)
6. PAINT CONCRETE FOUNDATION GREEN TO MATCH FENCE
7. NEW CONCRETE SLAB SEE SHEET L-1.2



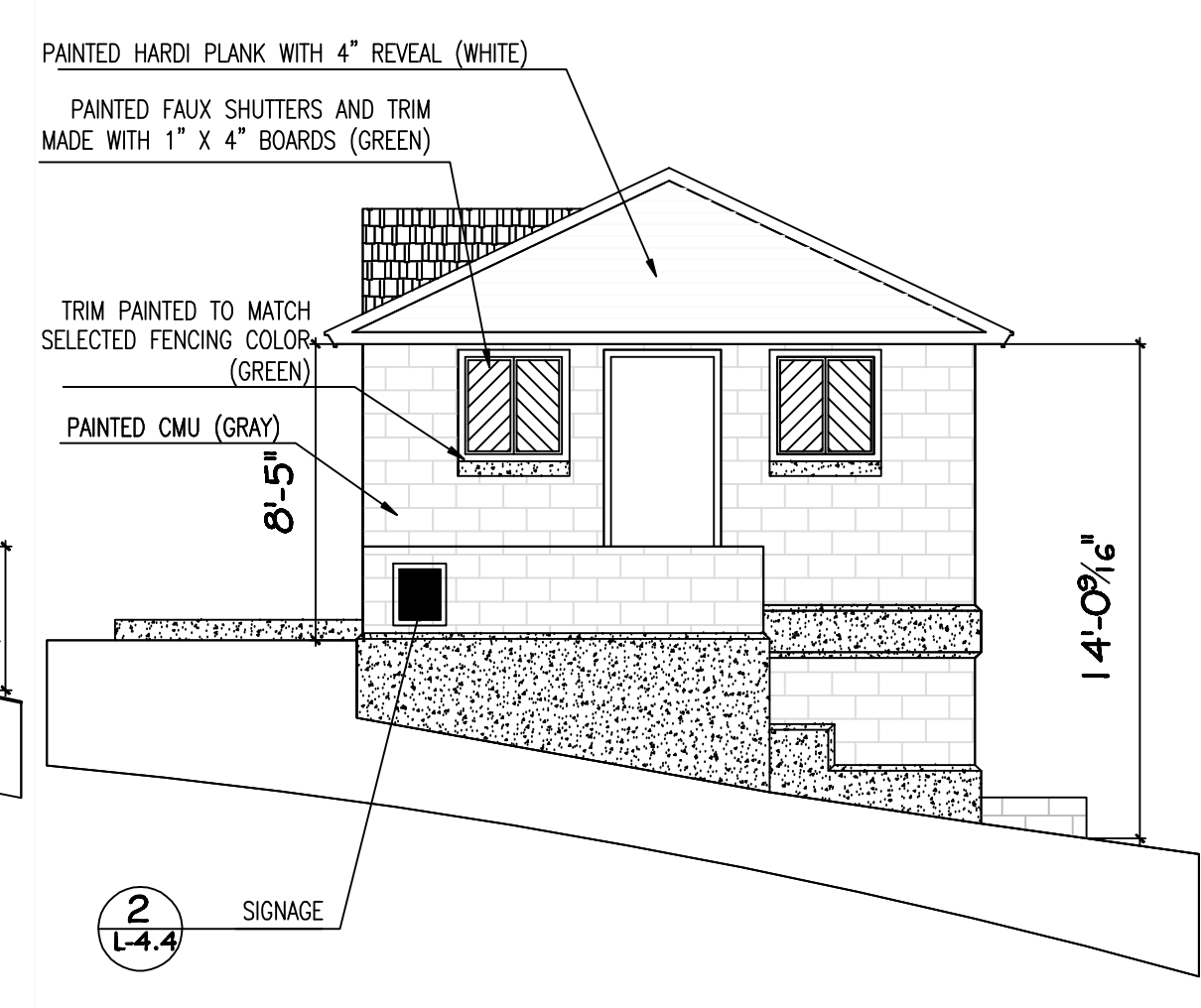
7 A.03 EAST ELEVATION



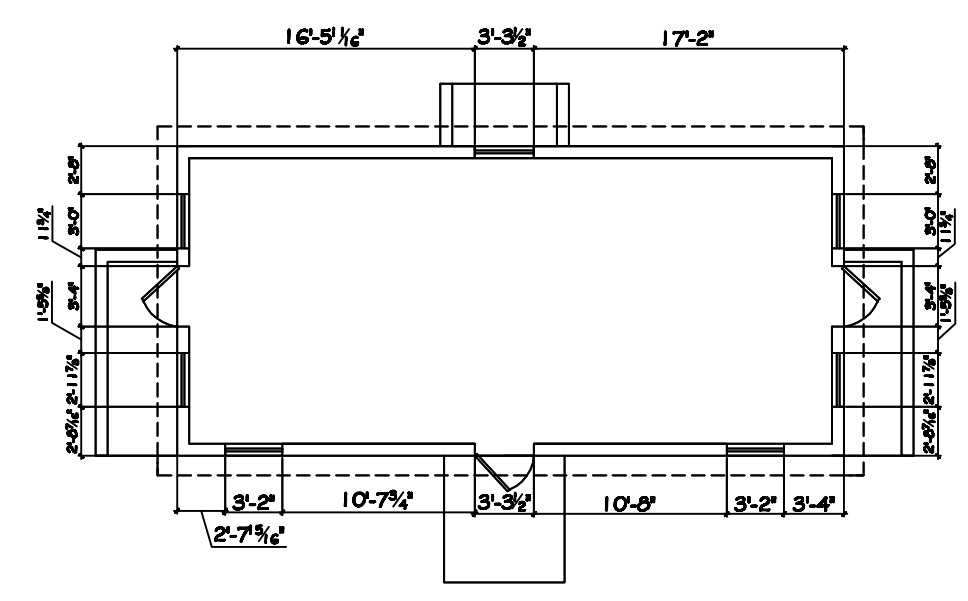
9 A.03 NORTH ELEVATION



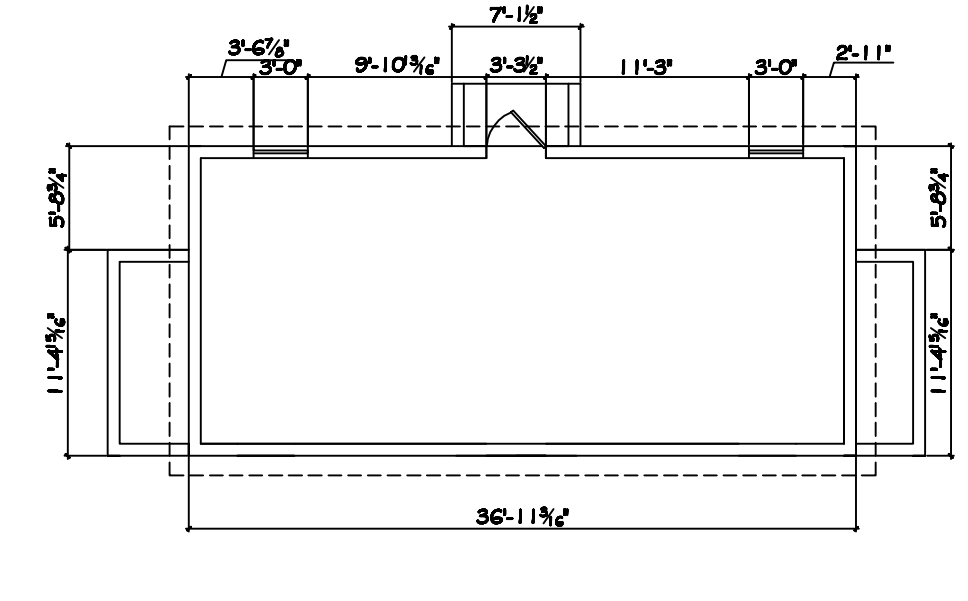
10 A.03 WEST (STREET) ELEVATION



11 A.03 SOUTH ELEVATION



12 A.03 RIVERVIEW AVENUE BUILDING EXISTING FLOOR PLANS (NO CHANGES)



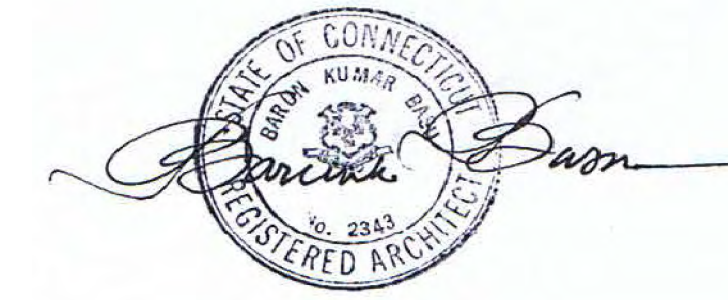
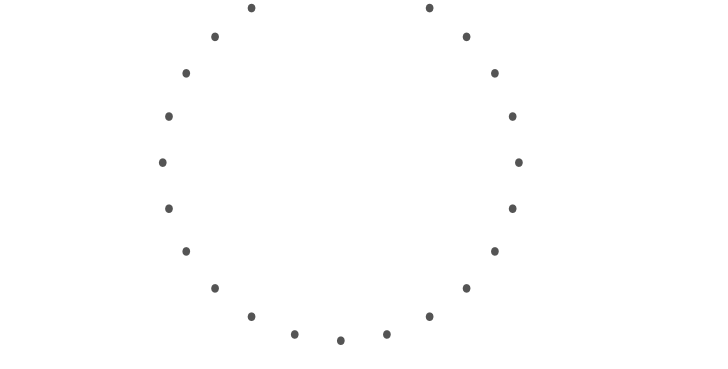
13 A.03 RIVERVIEW AVENUE BUILDING PROPOSED ELEVATIONS

NOTES

1. LANDSCAPE ELEMENTS LLC. ASSUMES NO RESPONSIBILITY IF THE WORK IS NOT INSTALLED AS PER THE PLANS OR IF FIELD CHANGES ARE MADE WITHOUT THE KNOWLEDGE AND APPROVAL OF THIS LANDSCAPE ARCHITECT.
2. SITE LAYOUT INFORMATION IS BASED ON SURVEY DATED

REVISIONS

STAMPS



100 % CONSTRUCTION DOCUMENTS

DATE: 12-21-12
JOB NO. 1225
DRAWN BY: SARAH NELSON
CHECKED BY: BB

**DRAWING TITLE:
PROPOSED BUILDING
PLAN AND ELEVATIONS**

SHEET NO. **A.03**
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