

Blackstone River Launch Facility

WOONSOCKET, RHODE ISLAND

SITE IMPROVEMENTS PLAN

PREPARED FOR:
CITY OF WOONSOCKET
RHODE ISLAND

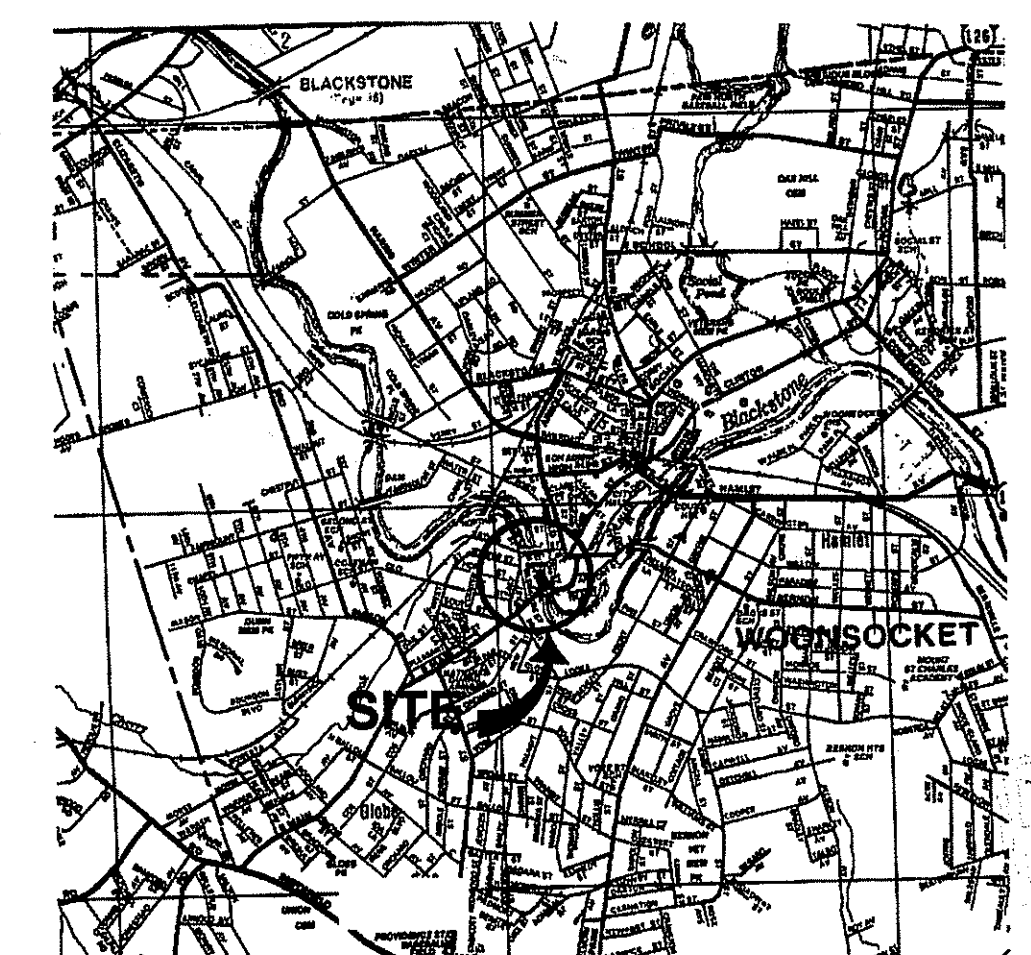
PREPARED BY:

Gates, Leighton & Associates, Inc.
LANDSCAPE ARCHITECTURE

BETA Group, Inc.
Engineers • Scientists • Planners

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Lincoln, RI 02865
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VICINITY MAP



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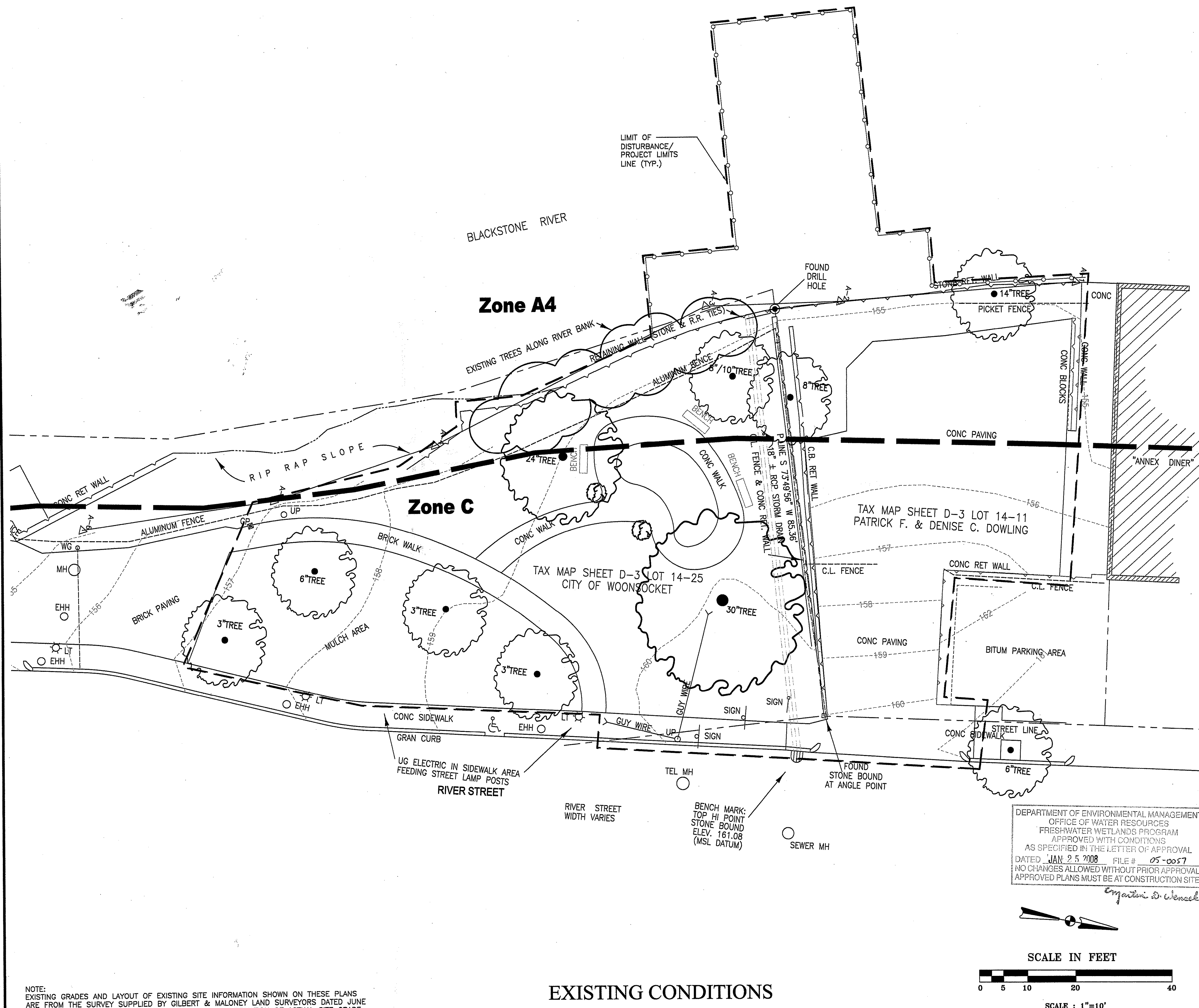
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NOT FOR CONSTRUCTION

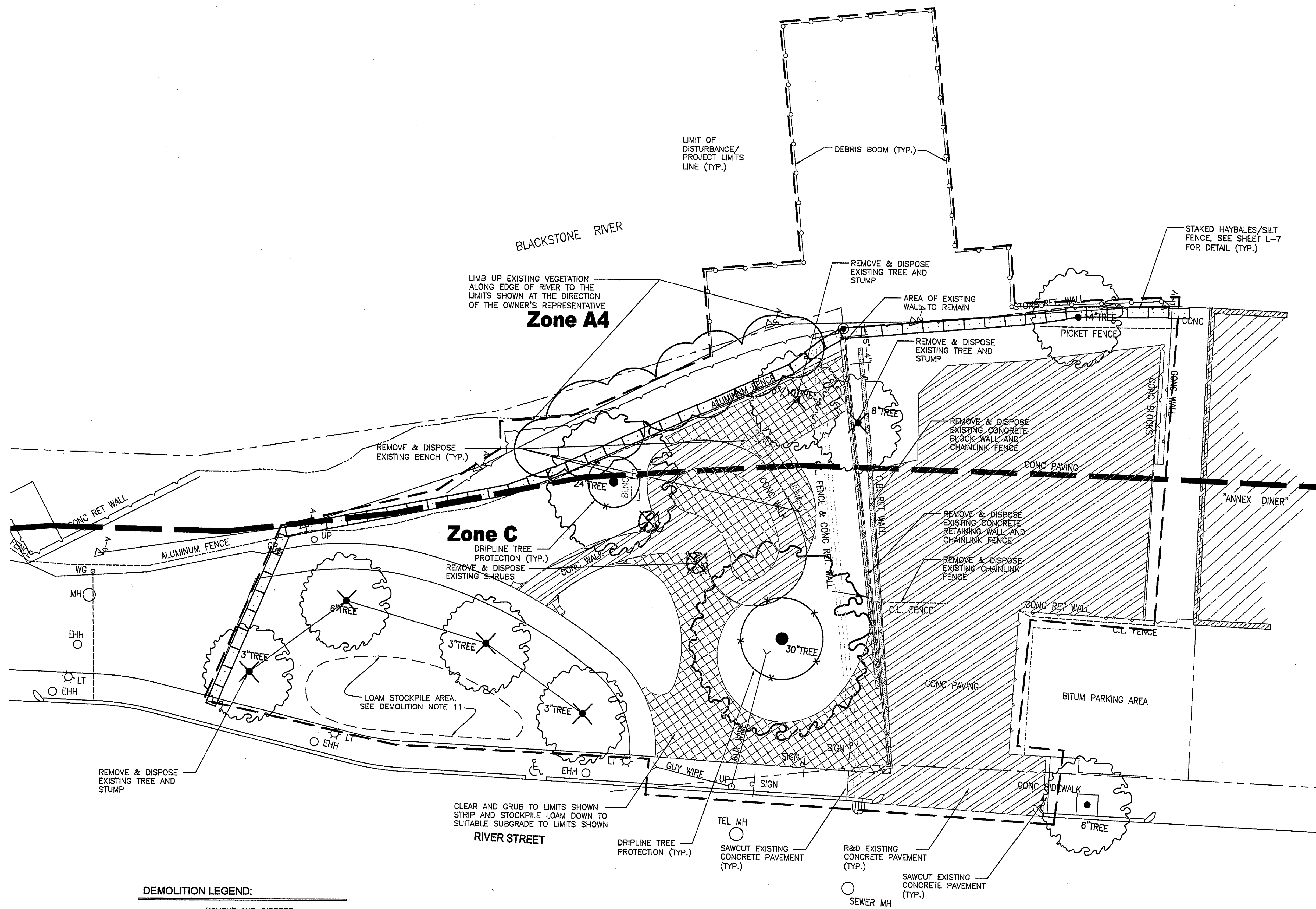
April 27, 2007

PLAN FOR NOTICE



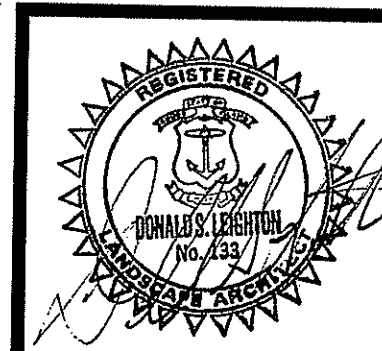
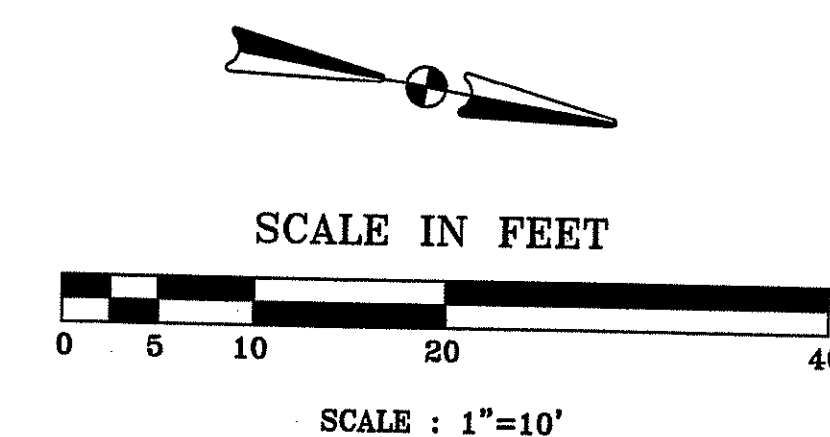
EXISTING CONDITIONS

NOTE:
EXISTING GRADES AND LAYOUT OF EXISTING SITE INFORMATION SHOWN ON THESE PLANS
ARE FROM THE SURVEY SUPPLIED BY GILBERT & MALONEY LAND SURVEYORS DATED JUNE
15, 2001. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMATION OF ACTUAL SITE GRADE,
UTILITY LOCATIONS, AND LAYOUT CONDITIONS. GATES, LEIGHTON & ASSOCIATES, INC.
ACCEPTS NO RESPONSIBILITY FOR EXISTING TOPOGRAPHIC AND SITE INFORMATION.



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JAN 25 2008 FILE # 05-0057
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

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April 27, 2007



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Issued
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Revisions:					

Job No: P-498
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Checked: RC
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DEMOLITION PLAN
Blackstone Riverboat Launch Facility
RIVER STREET
WOONSOCKET, RHODE ISLAND

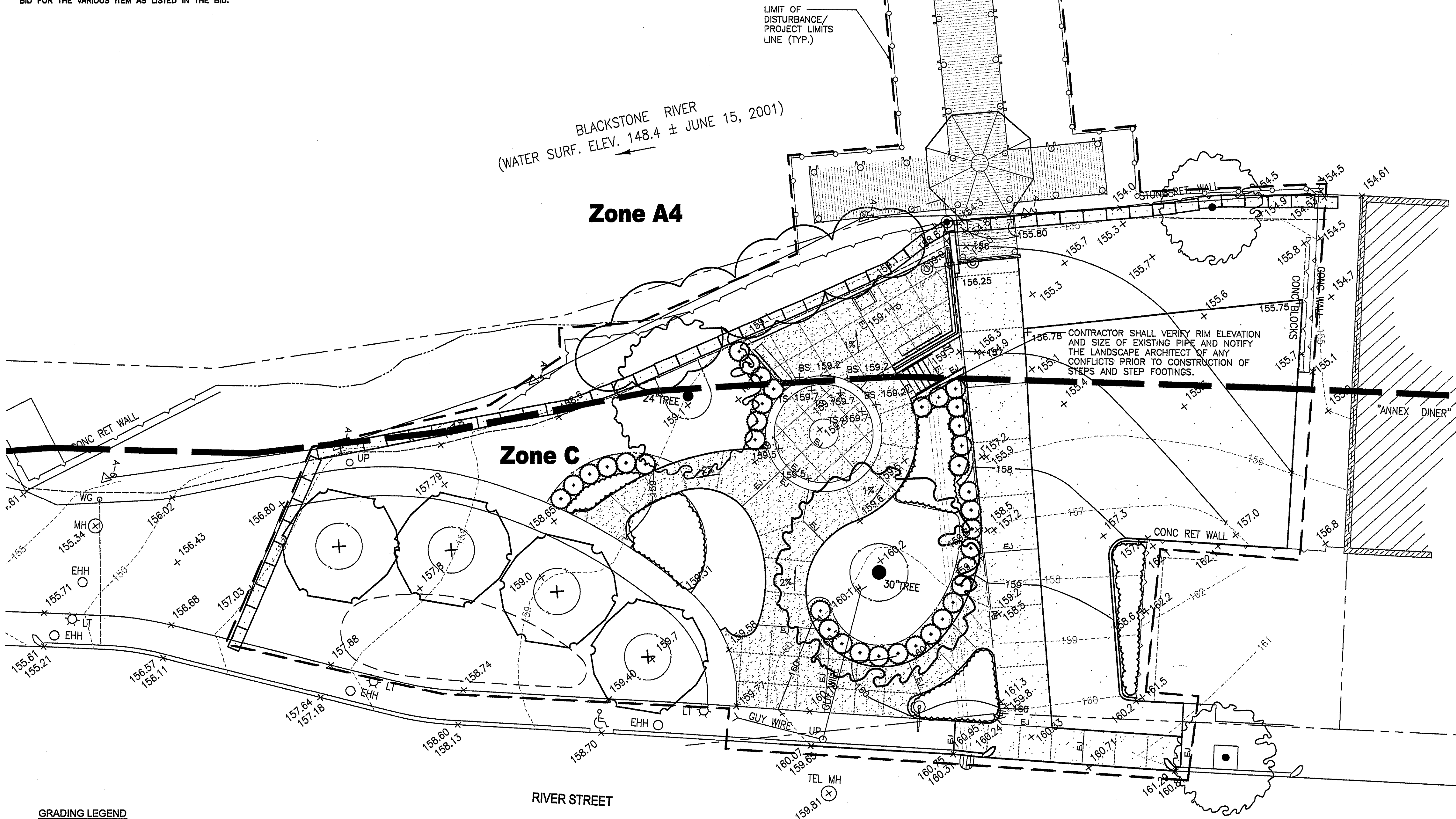
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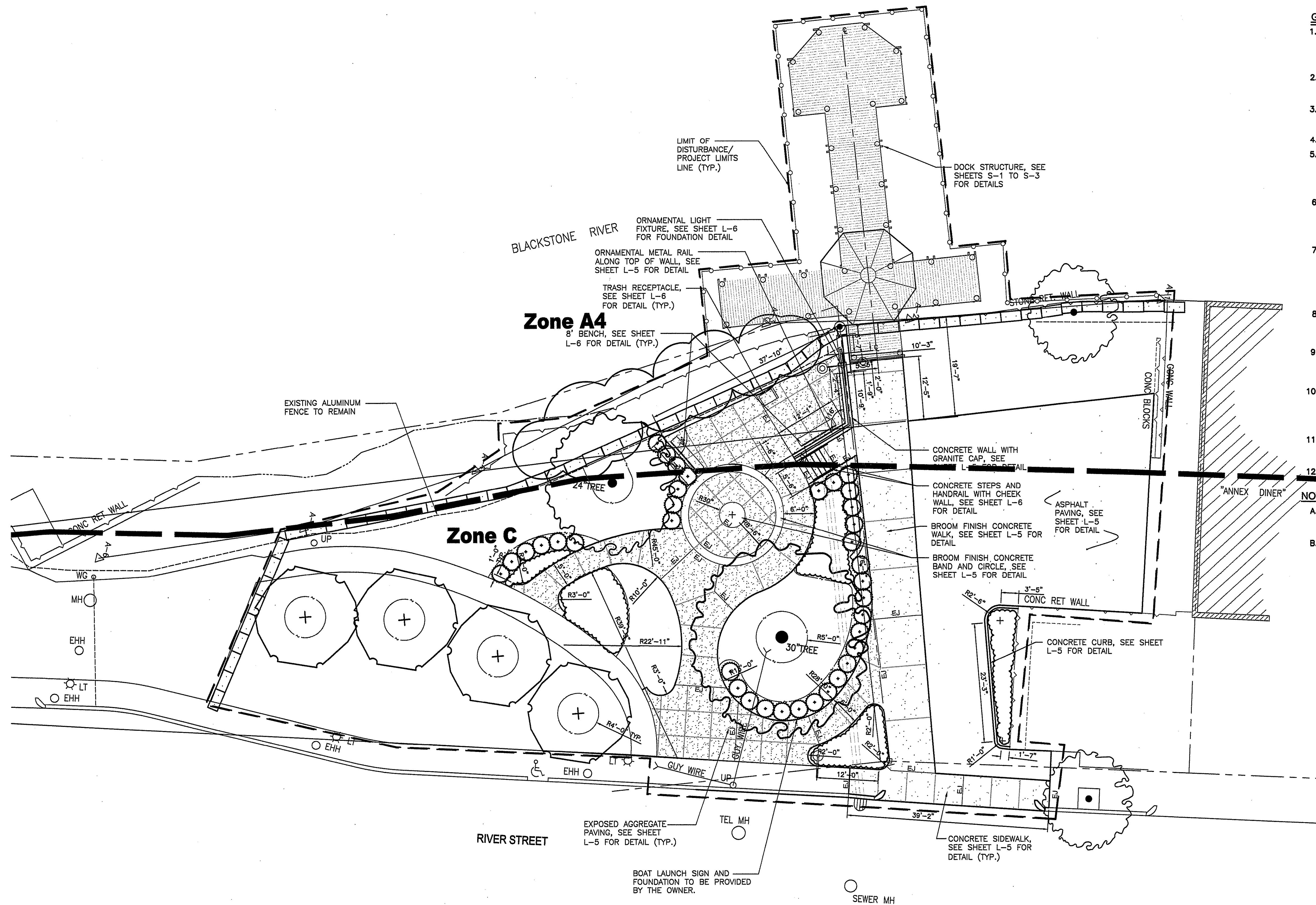
Sheet 1 of 11

L-1

GENERAL GRADING NOTES:

- EXISTING GRADES AND EXISTING SITE INFORMATION SHOWN ON THIS PLAN IS FROM BASE INFORMATION SUPPLIED BY GILBERT & MALONEY LAND SURVEYORS DATED JUNE 15, 2001. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMATION OF ACTUAL SITE CONDITIONS, GATES, LEIGHTON & ASSOCIATES, INC. ACCEPTS NO RESPONSIBILITY FOR EXISTING TOPOGRAPHIC AND EXISTING SITE INFORMATION.
- THE ENTIRE DRAINAGE SYSTEM, INCLUDING DITCHES, SWALES, DETENTION BASINS, PRIOR TO SPREADING LOAM, THOROUGHLY SCARIFY SUBSOIL TO ENSURE A POSITIVE BOND BETWEEN THE LOAM AND UNDERLYING MATERIAL.
- THE CONTRACTOR IS RESPONSIBLE FOR GENERAL CLEAN-OUT OF ALL DRAINAGE BASINS (BOTH NEW AND EXISTING), MANHOLES AND/OR OTHER DRAINAGE FEATURES WHICH HAVE ACCUMULATED SEDIMENT AS A RESULT OF CONSTRUCTION ACTIVITIES.
- PROVIDE ALL EQUIPMENT, LABOR, MATERIALS AND RELATED WORK NECESSARY FOR THE PREVENTION AND CONTROL OF DUST RESULTING FROM OPERATIONS IN THE PERFORMANCE OF WORK OF THIS CONTRACT. ALL COST IN CONNECTION THERE WITH SHALL BE CONSIDERED TO BE INCLUDED IN VARIOUS UNIT AND/OR LUMP SUM PRICES BID FOR THE VARIOUS ITEM AS LISTED IN THE BID.





GENERAL LAYOUT NOTES:

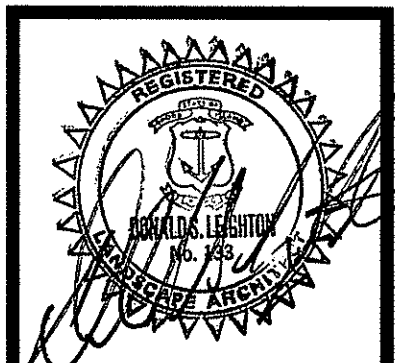
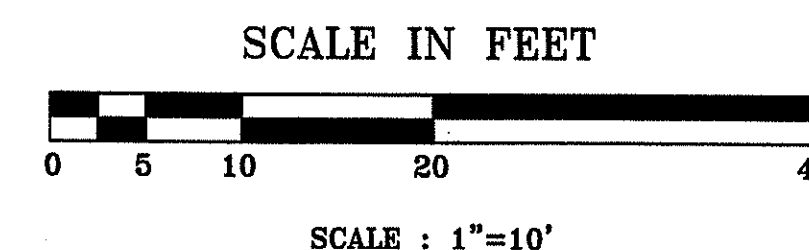
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- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.
- THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS AND SHALL OBTAIN ALL NECESSARY PERMITS FOR THIS PROJECT.
- ALL NOTES AND DIMENSIONS ARE TYPICAL UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS ARE SQUARE (PARALLEL OR PERPENDICULAR) UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL NOTIFY THE OWNER/OWNER'S REPRESENTATIVE IMMEDIATELY IN THE EVENT OF ANY DISCREPANCIES FOUND IN THE DOCUMENTS AND/OR FIELD, OR OF CONDITIONS UNCOVERED IN THE WORK WHICH ARE NOT REFLECTED IN THE PLANS.
- THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO PREVENT DAMAGE TO ALL UTILITIES (BOTH ABOVE AND BELOW GROUND) WITHIN THE PROJECT AREA. DAMAGE TO ANY UTILITIES AS A RESULT OF ACTIONS BY THE CONTRACTOR SHALL BE RESTORED BY THE CONTRACTOR, AT HIS EXPENSE, TO CONDITIONS EQUAL TO OR BETTER THAN BEFORE THE DAMAGE WAS DONE.
- ANY AREAS DISTURBED BY EQUIPMENT, MATERIAL STORAGE, DEMOLITION AND/OR INSTALLATION PROCEDURES ARE TO BE RESTORED TO ORIGINAL (OR BETTER) CONDITION BY CONTRACTOR BEFORE COMPLETION OF PROJECT AND ARE SUBJECT TO APPROVAL BY OWNER'S REPRESENTATIVE. ALL EXISTING GRASSED AREAS NOT ADEQUATELY PROTECTED AND THEREFORE DAMAGED DURING CONSTRUCTION, SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE SITE CLEAN OF MISCELLANEOUS DEBRIS THROUGHOUT THE CONSTRUCTION PERIOD. ALL WASTE MATERIAL IS TO BE DISPOSED OF IMMEDIATELY TO AN OFF-SITE LOCATION, UNLESS OTHERWISE INDICATED ON THE PLANS.
- CONTRACTOR IS RESPONSIBLE FOR GENERAL CLEAN-OUT OF ALL DRAINAGE BASINS (NEW AND EXISTING), MANHOLES AND/OR OTHER DRAINAGE FEATURES WHICH HAVE ACCUMULATED SEDIMENT AS A RESULT OF CONSTRUCTION ACTIVITIES.
- PROVIDE ALL EQUIPMENT, LABOR, MATERIALS AND RELATED WORK NECESSARY FOR THE PREVENTION AND CONTROL OF DUST RESULTING FROM OPERATIONS IN THE PERFORMANCE OF WORK OF THIS CONTRACT. ALL COST IN CONNECTION THERE WITH SHALL BE CONSIDERED TO BE INCLUDED IN THE VARIOUS UNIT AND/OR LUMP SUM PRICES BID FOR THE VARIOUS ITEM AS LISTED IN THE BID.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND/OR SAMPLES OF ALL MATERIALS TO OWNER'S REPRESENTATIVE FOR APPROVAL ACCORDING TO THE SPECIFICATIONS.
- REFER TO SPECIFICATIONS FOR MORE INFORMATION.

NOTES:

- TREAT SURFACES SHOWN WITH 1"-2" APPLICATION OF WOOD CHIP MULCH (SEE SPECIFICATIONS). REFER TO PLANTING DETAILS FOR PROPER MULCH INSTALLATION.
- CONTRACTOR SHALL LAYOUT PATH AS SHOWN WITH THE RADII INDICATED. ALL PATHS UNLESS OTHERWISE NOTED ARE INTENDED TO BE CURVILINEAR IN THEIR NATURE.

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LAYOUT PLAN
Blackstone Riverboat Launch Facility
RIVER STREET
WOONSOCKET, RHODE ISLAND

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L-3

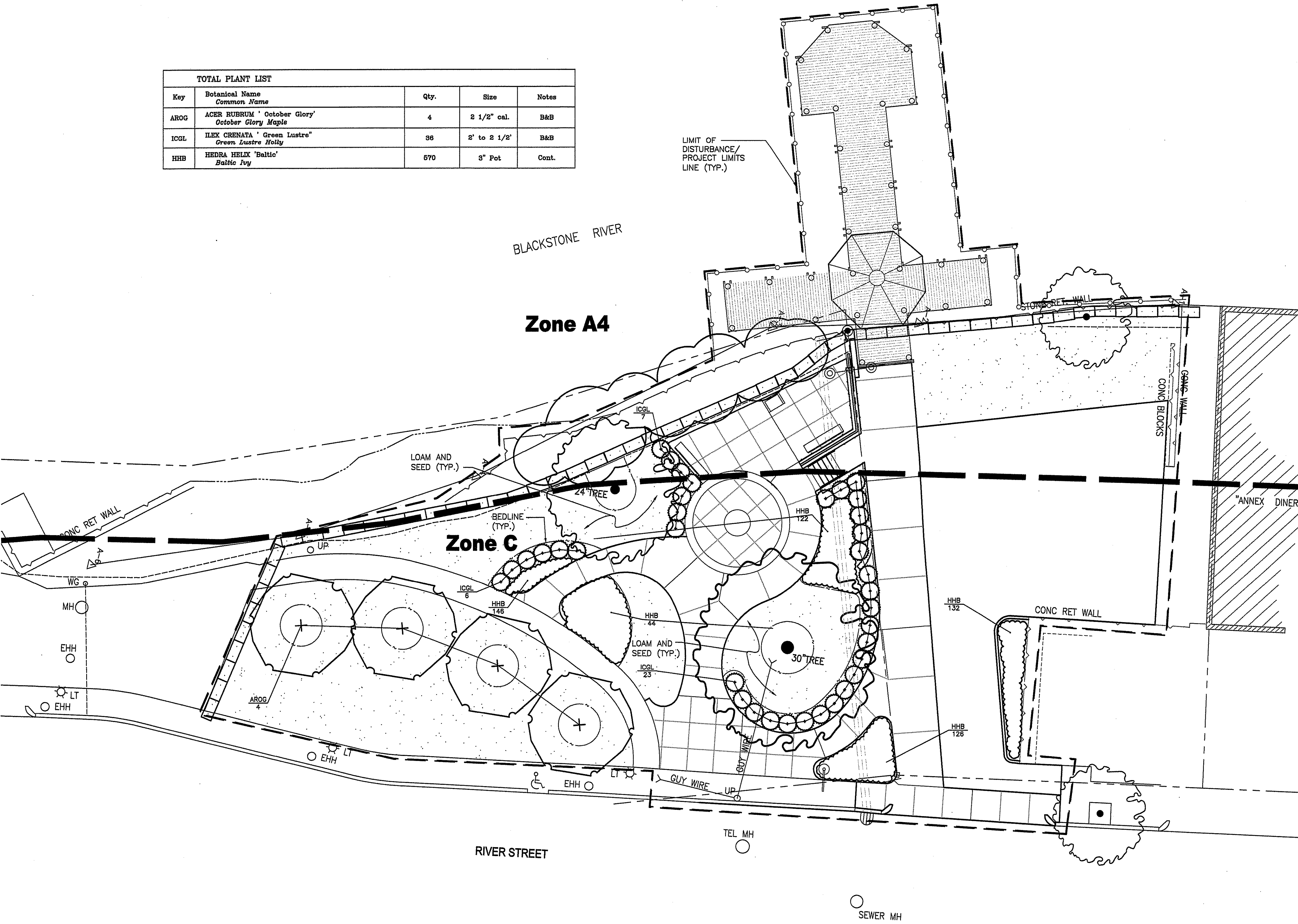
TOTAL PLANT LIST				
Key	Botanical Name Common Name	Qty.	Size	Notes
AROG	ACER RUBRUM 'October Glory' October Glory Maple	4	2 1/2" cal.	B&B
ICGL	ILEX CRENATA 'Green Lustre' Green Lustre Holly	36	2' to 2 1/2'	B&B
HHB	HEDERA HELIX 'Baltic' Baltic Ivy	570	3" Pot	Cont.

LIMIT OF
DISTURBANCE/
PROJECT LIMITS
LINE (TYP.)

BLACKSTONE RIVER

Zone A4

Zone C



GENERAL PLANTING NOTES:

- ALL PLANT MATERIAL MUST BE TAGGED IN THE GROUND, AT THE NURSERY BY THE LANDSCAPE ARCHITECT. ALL PLANT MATERIAL SHALL BE COMMERCIALY OBTAINED AND SHALL MEET THE AMERICAN ASSOCIATION OF NURSERYMAN STANDARDS FOR NURSERY STOCK, LATEST EDITION, AND ITS AMENDMENTS. PLANT ONLY DURING SEASON NORMAL TO THE PARTICULAR VARIETY. ALL PLANT INSPECTIONS WILL BE AT THE EXPENSE OF THE CONTRACTOR. PERMANENT SEALS WILL BE REQUIRED.
- COVER ALL PLANTING BEDS WITH 3" SHREDDED HARDWOOD BARK MULCH WITHIN A SEVENTY-TWO HOUR PERIOD AFTER PLANTING. SEE PLAN FOR BED LAYOUT.
- ALL EXISTING AND PROPOSED TREES SHOWN IN LAWN AREAS SHALL RECEIVE A 6" DIAMETER MULCH BED. MULCH SHALL BE PLACED TO A DEPTH OF 3". REMOVE ALL SOD, ROOTS, STICKS AND STONES PRIOR TO PLACEMENT OF MULCH.
- ALL PLANT MATERIALS FURNISHED BY THE CONTRACTOR SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE OF LANDSCAPE WORK.
- STAKE ALL TREES OVER 5' AS SHOWN ON DETAILS. REMOVE STAKES AT THE END OF THE GUARANTEE PERIOD.
- THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE SITE CLEAN OF MISCELLANEOUS DEBRIS THROUGHOUT THE CONSTRUCTION PERIOD. ALL WASTE MATERIAL IS TO BE DISPOSED OF IMMEDIATELY TO AN OFF-SITE LOCATION, UNLESS OTHERWISE INDICATED ON THE PLANS.
- THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS, AND SHALL OBTAIN ALL NECESSARY PERMITS FOR THIS PROJECT.
- LAYOUT: ALL NOTES AND DIMENSIONS ARE TYPICAL UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE SQUARE (PARALLEL OR PERPENDICULAR) UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL NOTIFY THE OWNER/OWNER'S REPRESENTATIVE IMMEDIATELY IN THE EVENT OF ANY DISCREPANCIES FOUND IN THE CONTRACT DOCUMENTS AND/OR IN THE FIELD, OR OF CONDITIONS UNCOVERED IN THE WORK WHICH ARE NOT REFLECTED IN THE PLANS.
- LOAM: LOAM MOVED DURING THE COURSE OF CONSTRUCTION SHALL BE RETAINED AND DISTRIBUTED WITHIN THE SITE IN ACCORDANCE WITH THE LANDSCAPE PLAN. STOCKPILED LOAM SHALL NOT BE MIXED WITH ANY SUBSOIL OR UNSUITABLE MATERIALS. ALL EXCESS LOAM SHALL REMAIN ON THE PROPERTY OF THE OWNER. NEW LOAM IS REQUIRED TO PROVIDE THE SPECIFIED DEPTH, SHALL BE A FERTILE, FRIABLE MEDIUM TEXTURED SANDY LOAM FREE OF MATERIAL TOXIC TO HEALTHY PLANT GROWTH. LOAM SHALL ALSO BE FREE OF ALL STUMPS, ROOTS, STONES AND OTHER EXTRANEOUS MATERIAL AN INCH (1") OR GREATER IN DIAMETER. THE PH SHALL BE BETWEEN 5.5 AND 7.5 WHEN TESTED.
- LAWN PREPARATION: REMOVE ALL DEBRIS AND OTHER INORGANIC MATERIALS ON THE PREPARED SUBGRADE, RESHAPE AND DRESS ANY DAMAGED OR ERODED AREA PRIOR TO SPREADING THE LOAM. SCARIFY AND LOOSEN SUBGRADE IN ANY AREAS WHERE COMPACTION MAY HAVE OCCURRED. SPREAD STOCKPILED AND OFF-SITE LOAM IN ALL DISTURBED AREAS TO PRODUCE A DEPTH OF 6". FINE GRADE LOAMED AREAS TO PRODUCE A SMOOTH AND UNBROKEN FINISH GRADE TO THE REQUIRED DEPTH. APPLY A STARTER FERTILIZER (10-20-10) AT A RATE OF 20 LBS. PER 1000 SQUARE FEET AND LIME AT A RATE OF 40 LBS. PER 1000 SQUARE FEET. ONCE SPREAD, THE FERTILIZER AND LIME SHALL BE THOROUGHLY INCORPORATED INTO THE LOAM. THE LOAM SHALL BE ROLLED, AND DEPRESSION SHALL BE TOP DRESSED AND RAKED TO CREATE A SMOOTH SURFACE.
- SEEDING: SEEDING SHALL TAKE PLACE BETWEEN MARCH 15 AND MAY 31 OR AUGUST 15 AND OCTOBER 15 ONLY. SEED SHALL BE PURE, LIVE, FRESH SEED FROM COMMERCIAL SOURCES MEETING AND LABELED IN ACCORDANCE WITH STATE AND FEDERAL RULES AND REGULATIONS. THE SEED MIXTURE SHALL BE:

Proportion by Type	Weight	Pur.	Germ.
Palmer Perennial Ryegrass	20.0%	99%	90%
Ranger Perennial Ryegrass	20.0%	99%	90%
Baron Kentucky Bluegrass	30.0%	95%	85%
Merion Kentucky Bluegrass	30.0%	95%	85%
Inert Materials	2.5% (maximum)		

SEEDING AREAS SHALL, AT A MINIMUM, INCLUDE ALL AREAS OF THE SITE THAT HAVE BEEN DISTURBED OR ARE BARREN UNLESS OTHERWISE NOTED ON THE PLANS. SEED SHALL BE APPLIED AT A RATE OF 7 LBS. PER 1000 SQUARE FEET.
- PROTECTION OF EXISTING PLANTINGS: MAXIMUM EFFORT SHOULD BE MADE TO SAVE TREE OR OTHER PLANT SPECIMENS WHICH ARE LARGE FOR THEIR SPECIES, RARE TO THE AREA, OR OF SPECIAL HORTICULTURAL OR LANDSCAPE VALUE. CONTACT OWNER/LANDSCAPE ARCHITECT BEFORE REMOVING ANY SPECIMEN OF THIS TYPE UNLESS OTHERWISE NOTED ON THE PLANS. NO MATERIAL OR TEMPORARY SOIL DEPOSITS SHALL BE PLACED WITHIN THE DRIP LINE OF SHRUBS OR TREES DESIGNATED ON THE LANDSCAPE PLAN TO BE RETAINED. PROTECTIVE BARRIERS ARE TO BE INSTALLED AROUND EACH PLANT AND/OR GROUP OF PLANTS THAT ARE TO REMAIN ON THE SITE. BARRIERS SHALL NOT BE SUPPORTED BY THE PLANTS THEY ARE PROTECTING, BUT SHALL BE SELF SUPPORTING. THEY SHALL BE OF MINIMUM OF FOUR FEET (4') HIGH AND CONSTRUCTED OF A DURABLE MATERIAL, SUCH AS SNOW OR SILT FENCE, THAT WILL LAST UNTIL CONSTRUCTION IS COMPLETED.
- PRUNING: THE CONTRACTOR SHALL CAREFULLY PRUNE BRANCHES IN THE WAY OF CONSTRUCTION BY USING ONLY APPROVED METHODS AND TOOLS. THE USE OF AXES FOR TRIMMING OR SPURS FOR CLIMBING WILL NOT BE PERMITTED.
- EXISTING UTILITIES: IN ACCORDANCE WITH DIG-SAFE LAW (1-888-344-7233), THE CONTRACTOR SHALL CONTACT ALL APPLICABLE UTILITY COMPANIES AND VERIFY UTILITY LINE LOCATIONS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY/ALL UTILITY DAMAGE. RECORD LOCATIONS OF DIG-SAFE UTILITY LINE MARKINGS ON PROJECT RECORD DOCUMENTS.
- DISTURBED AREAS: ANY AREAS DISTURBED DURING THE COURSE OF CONSTRUCTION ARE TO BE RESTORED TO ORIGINAL (OR BETTER) CONDITION BY CONTRACTOR BEFORE COMPLETION OF THE PROJECT, AND ARE SUBJECT TO APPROVAL BY LANDSCAPE ARCHITECT AND OWNER. ALL GRASS AREAS DISTURBED DURING CONSTRUCTION SHALL BE YORR RAKED TO REMOVE STONES AND LOAMED AND SEEDED AS PER SPECIFICATIONS.
- DRAINAGE SYSTEMS: CONTRACTOR IS RESPONSIBLE FOR GENERAL CLEAN-OUT OF ALL CATCH BASINS, MANHOLES, AND/OR OTHER DRAINAGE FEATURES ON THE SITE WHICH HAVE ACCUMULATED SEDIMENT AS A RESULT OF CONSTRUCTION ACTIVITIES.
- CLEANING: CONTRACTOR IS RESPONSIBLE FOR KEEPING SITE CLEAN OF MISCELLANEOUS DEBRIS THROUGHOUT THE CONSTRUCTION PERIOD. ALL WASTE MATERIAL IS TO BE DISPOSED OF IMMEDIATELY TO AN OFF-SITE LOCATION, UNLESS OTHERWISE INDICATED ON THE PLAN.

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Magister D. Wencel

SCALE IN FEET



SCALE : 1"=10'

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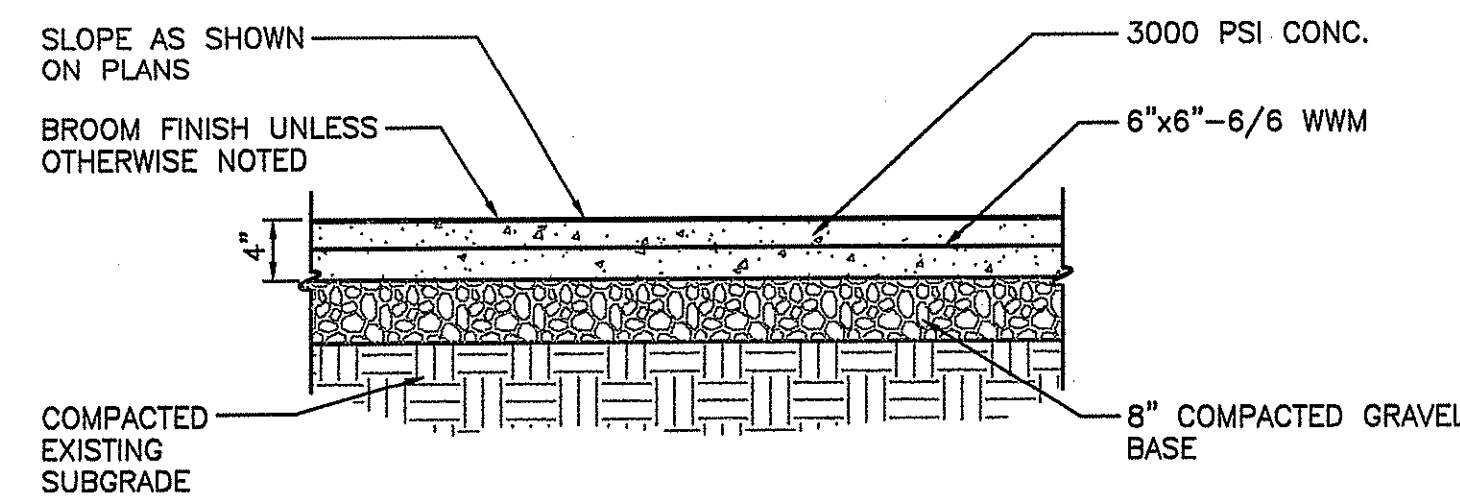


PLANTING PLAN
Blackstone Riverboat Launch Facility
RIVER STREET
WOONSOCKET, RHODE ISLAND

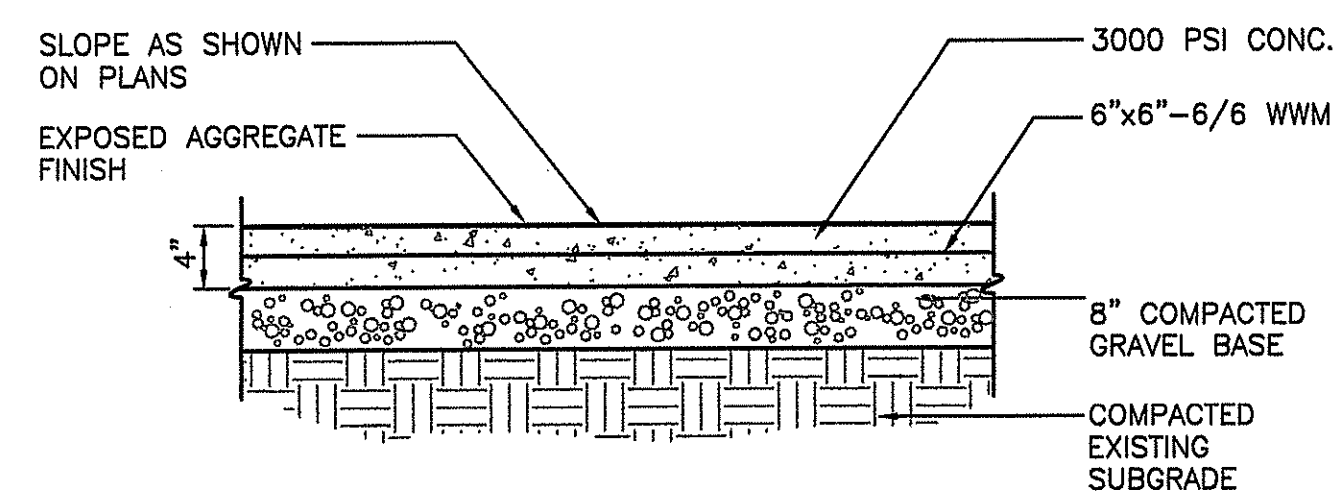
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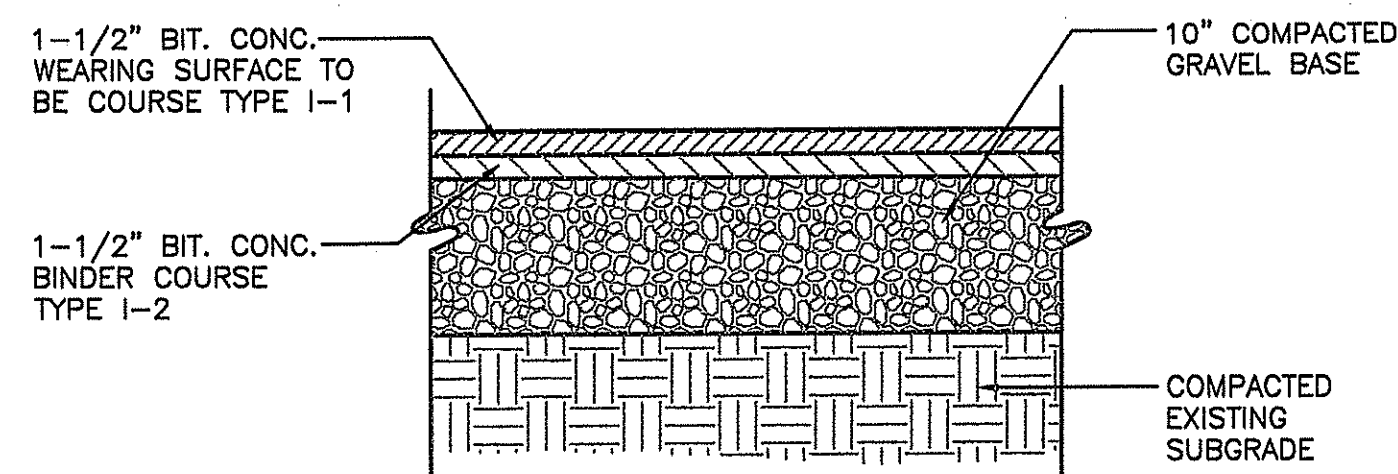
L-4



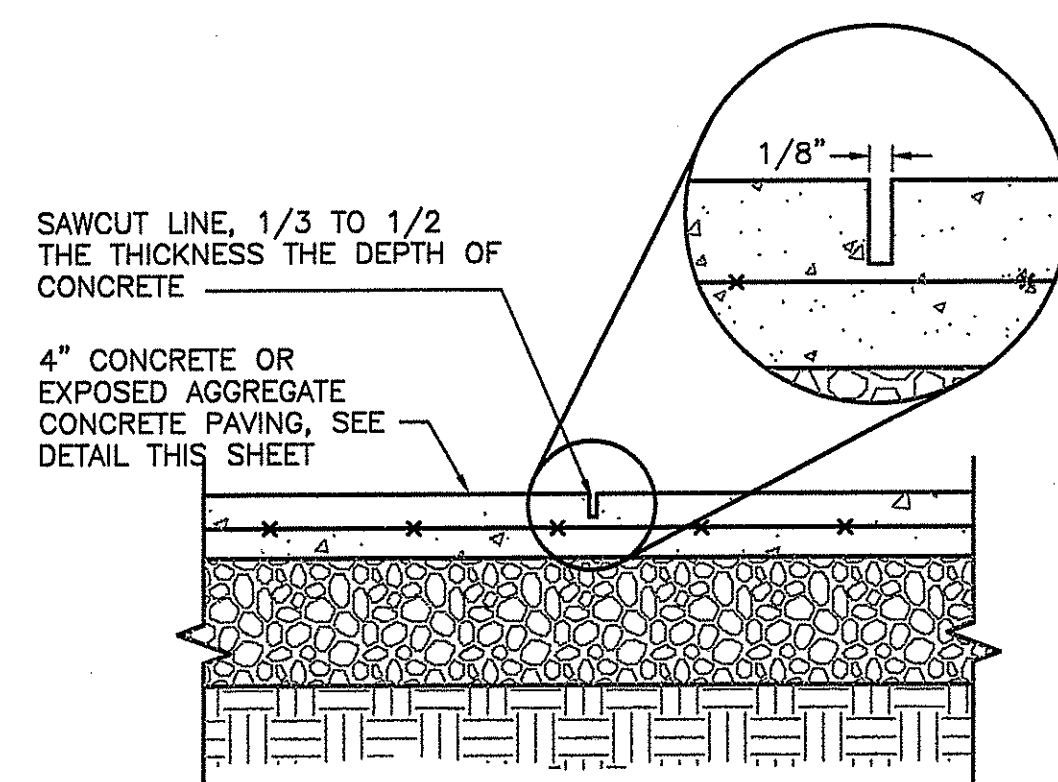
CONCRETE PAVING DETAIL
NOT TO SCALE



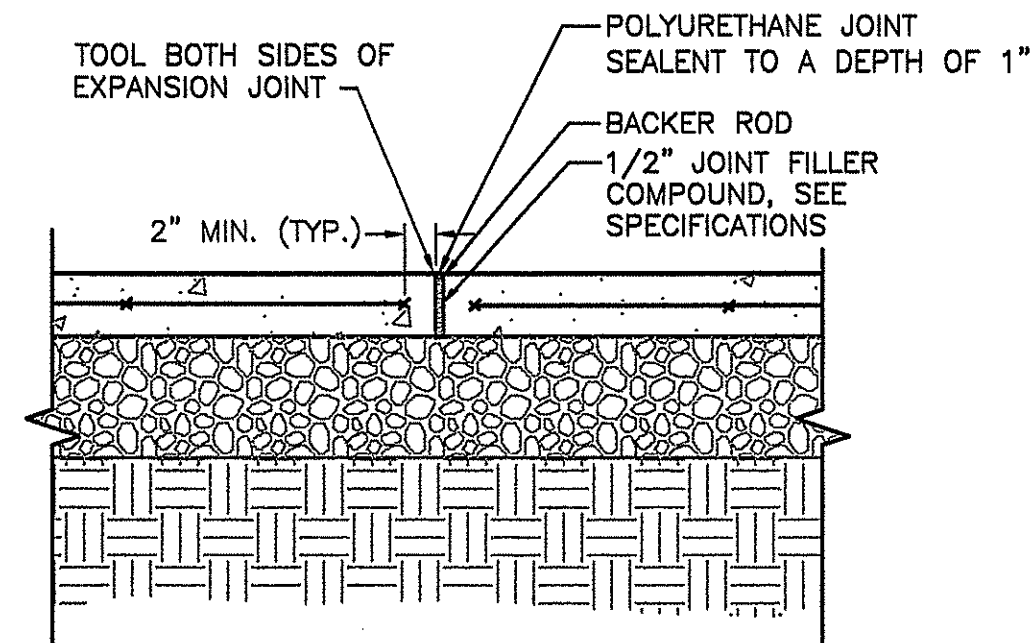
EXPOSED AGGREGATE CONCRETE PAVING DETAIL
NOT TO SCALE



BITUMINOUS CONCRETE PAVING DETAIL
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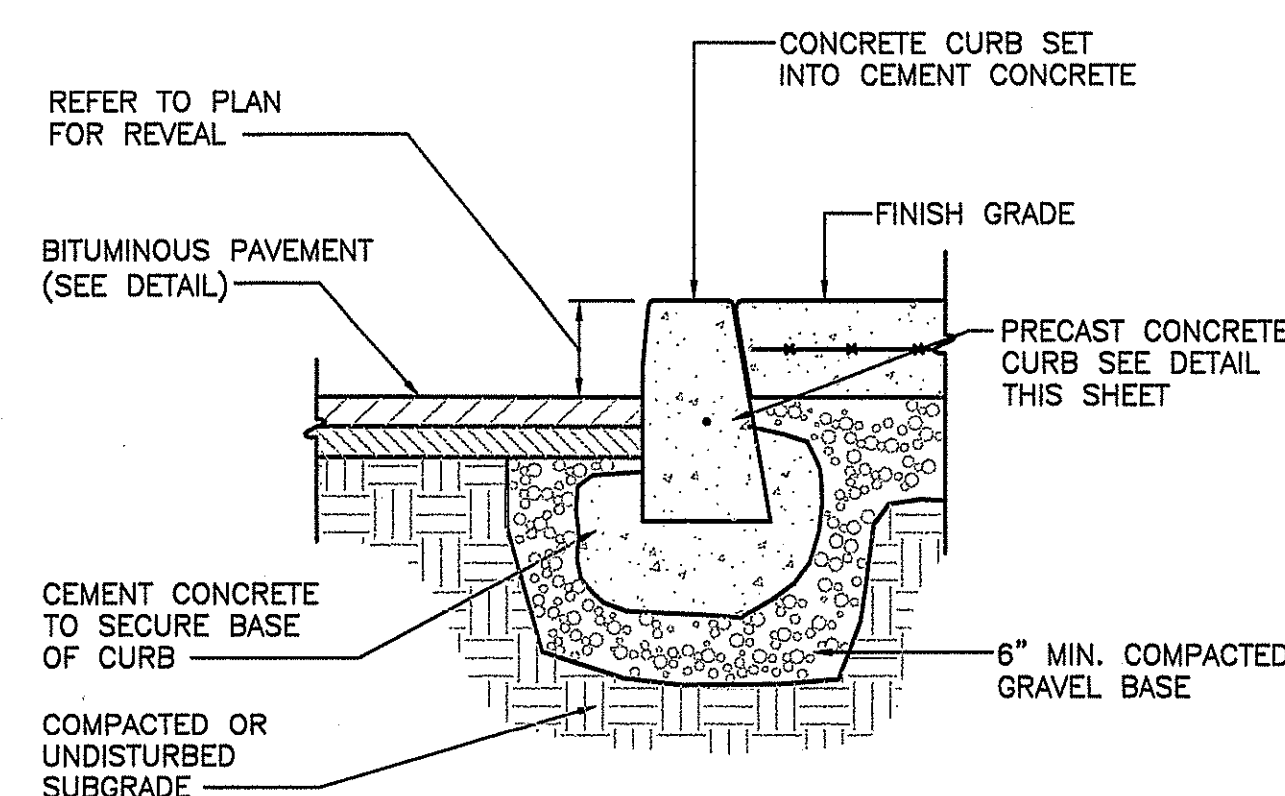


**SAWCUT LINE
CONTROL JOINT DETAIL**
NOT TO SCALE

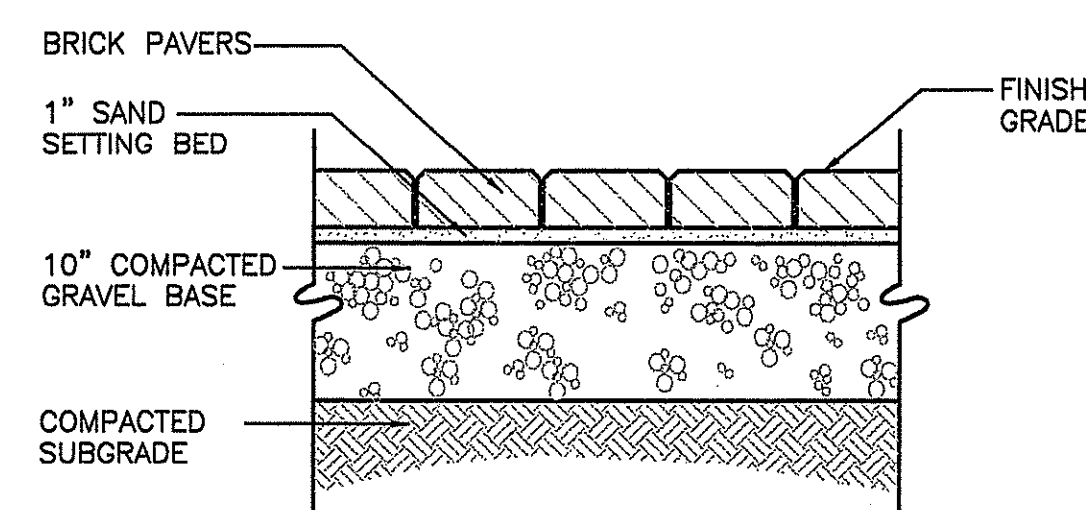


NOTE:
1. DO NOT TOOL EXPANSION JOINT IN EXPOSED AGGREGATE PAVING AREAS OR STAMPED CONCRETE AREAS

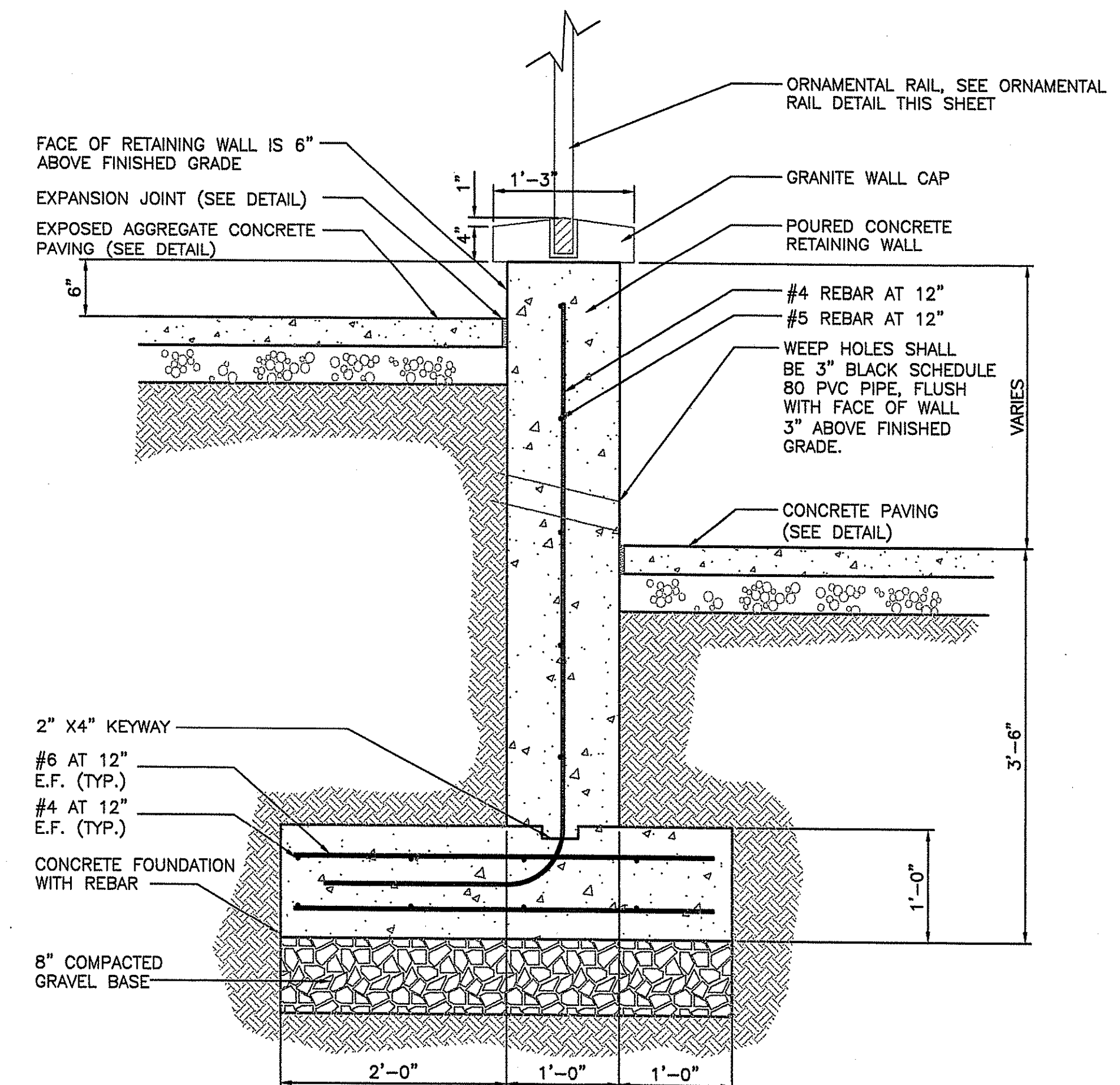
EXPANSION JOINT DETAIL
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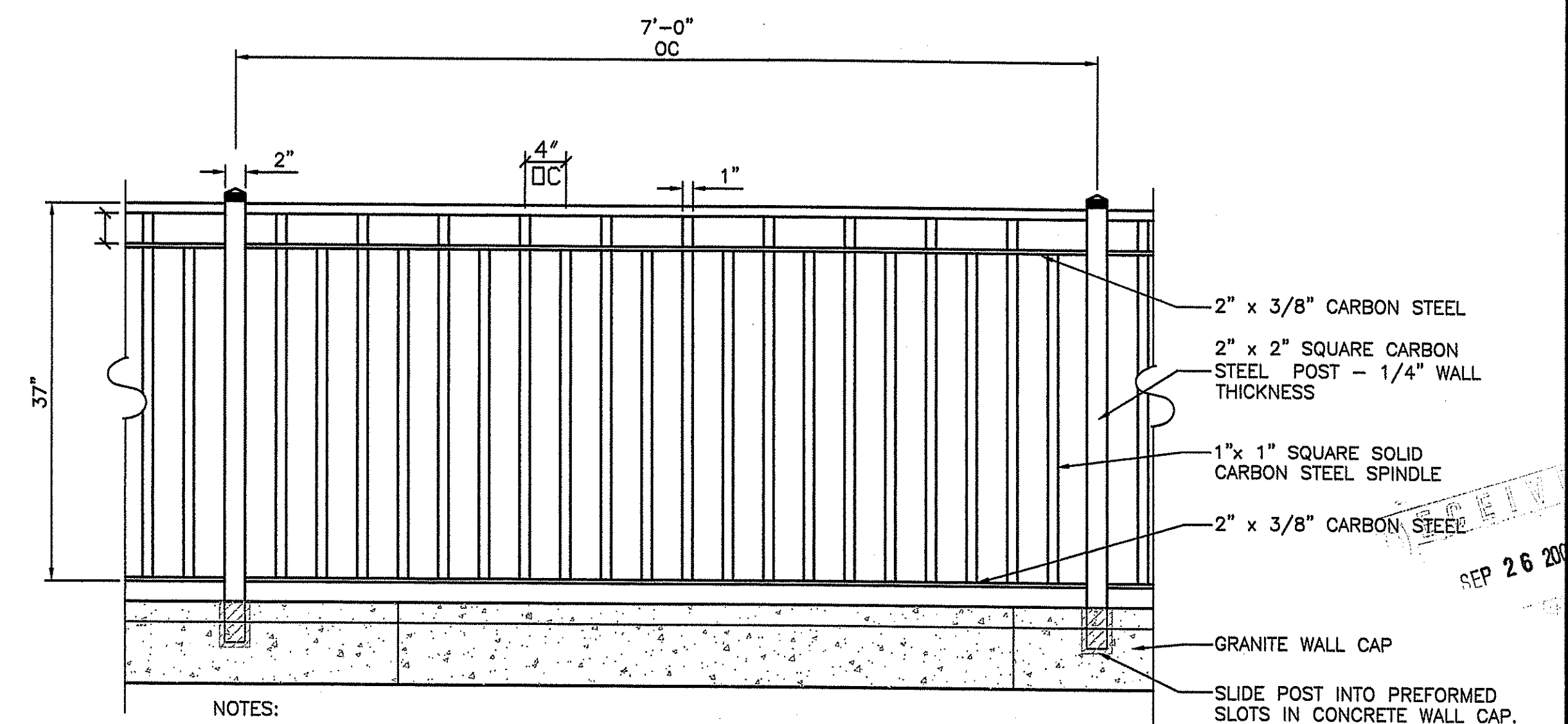
CONCRETE CURB DETAIL
NOT TO SCALE



BRICK PAVER DETAIL
NOT TO SCALE



CONCRETE RETAINING WALL
NOT TO SCALE

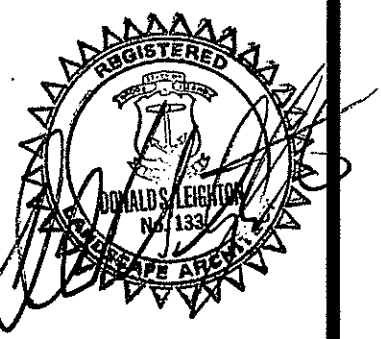


- NOTES:
1. MOST ORNAMENTAL RAIL SECTIONS ARE 7'-0" IN LENGTH - HOWEVER, COORDINATION BETWEEN THE LAYOUT PLAN AND WALL CAP FABRICATOR SHOULD TAKE PLACE TO INSURE PROPER FABRICATION.
 2. ALL RAILS SHOULD RECEIVE ONE (1) COAT PRIMER AND 2 FINISH COATS OF PAINT. PAINT TO BE SHERWIN-WILLIAMS BRAND. COORDINATE WITH LANDSCAPE ARCHITECT ON COLOR.
 3. SPACE BETWEEN BOTTOM RAIL AND TOP OF WALL CAP SHALL BE 4" (TYP.)

TYPICAL ORNAMENTAL RAIL SECTION
NOT TO SCALE

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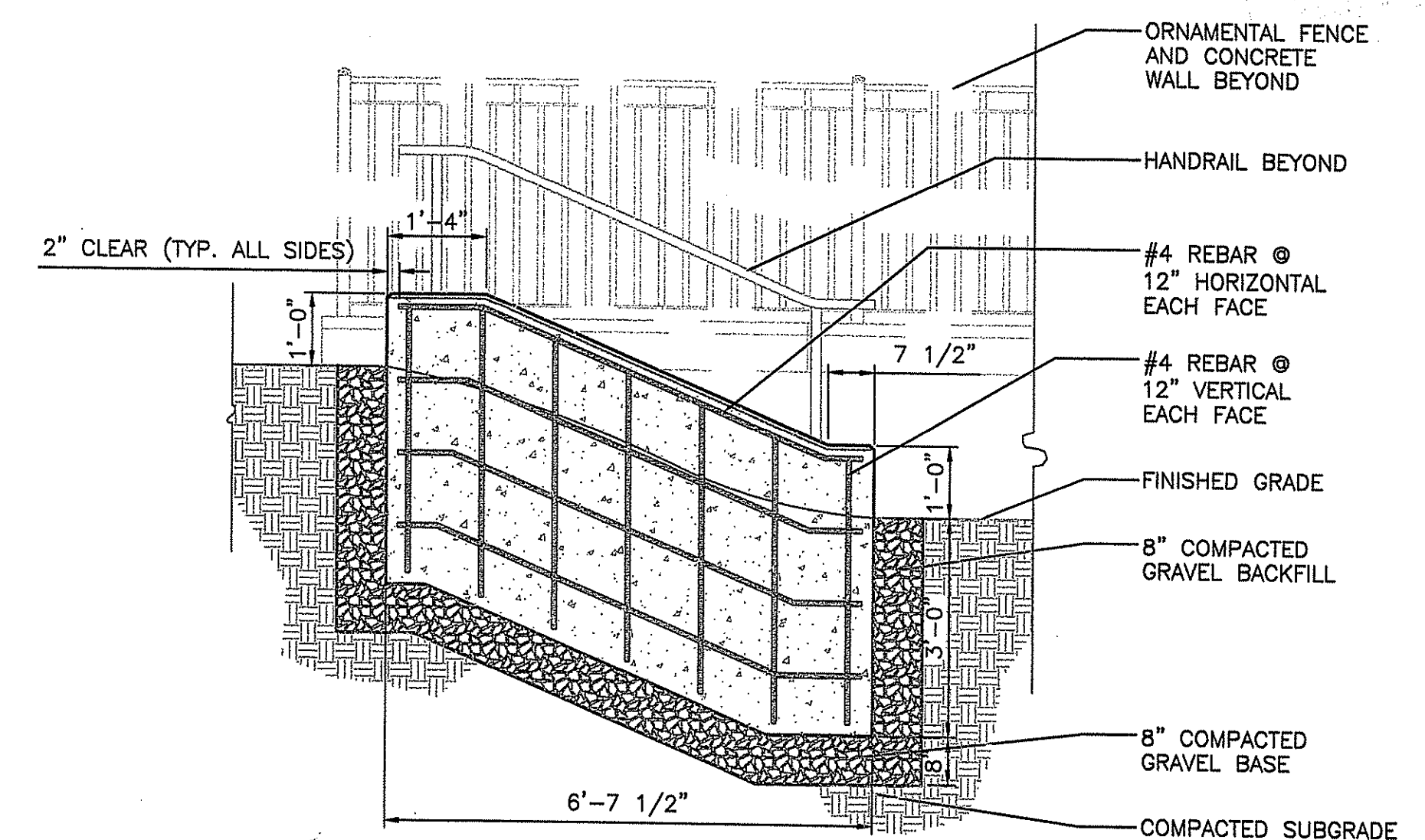
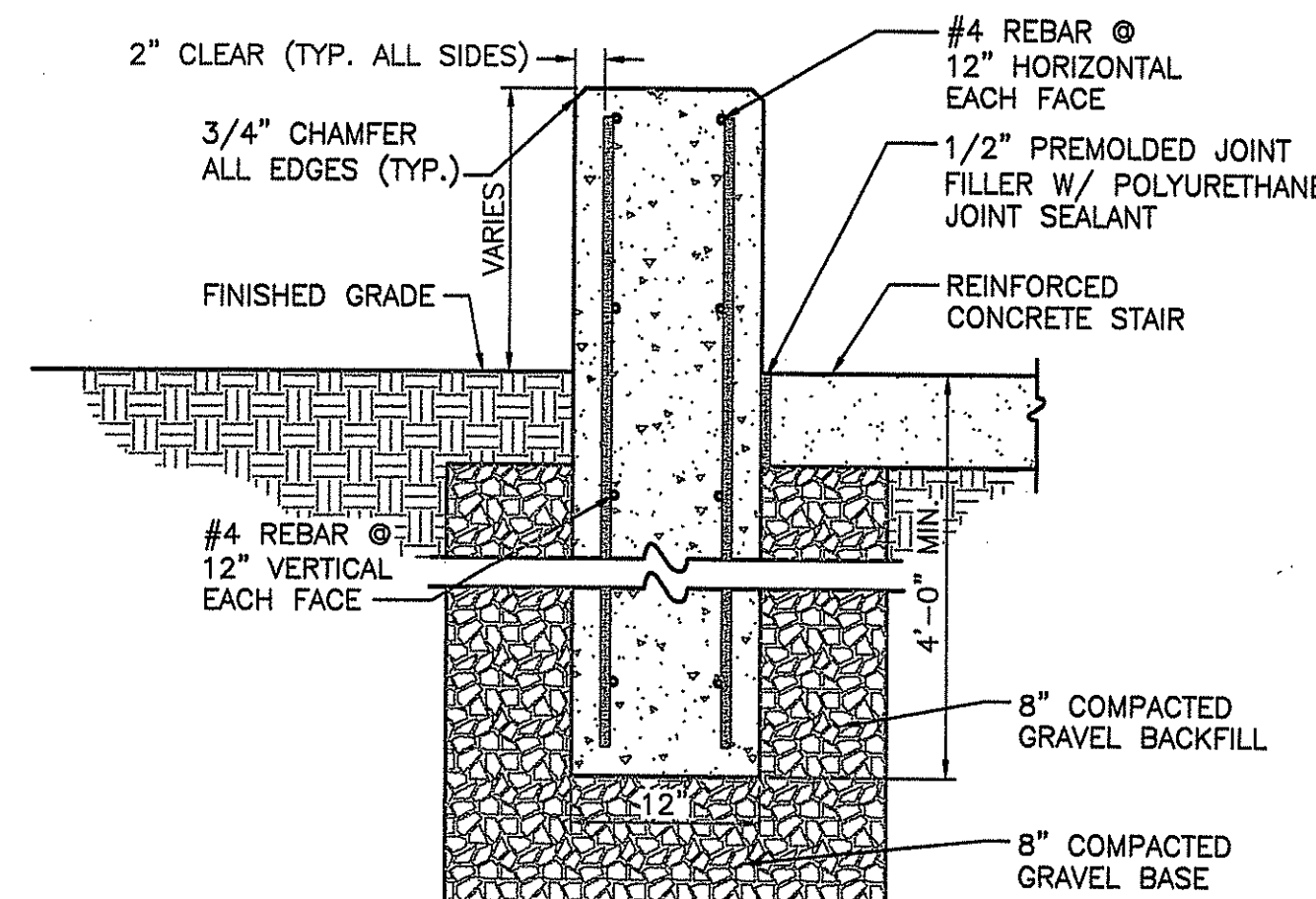
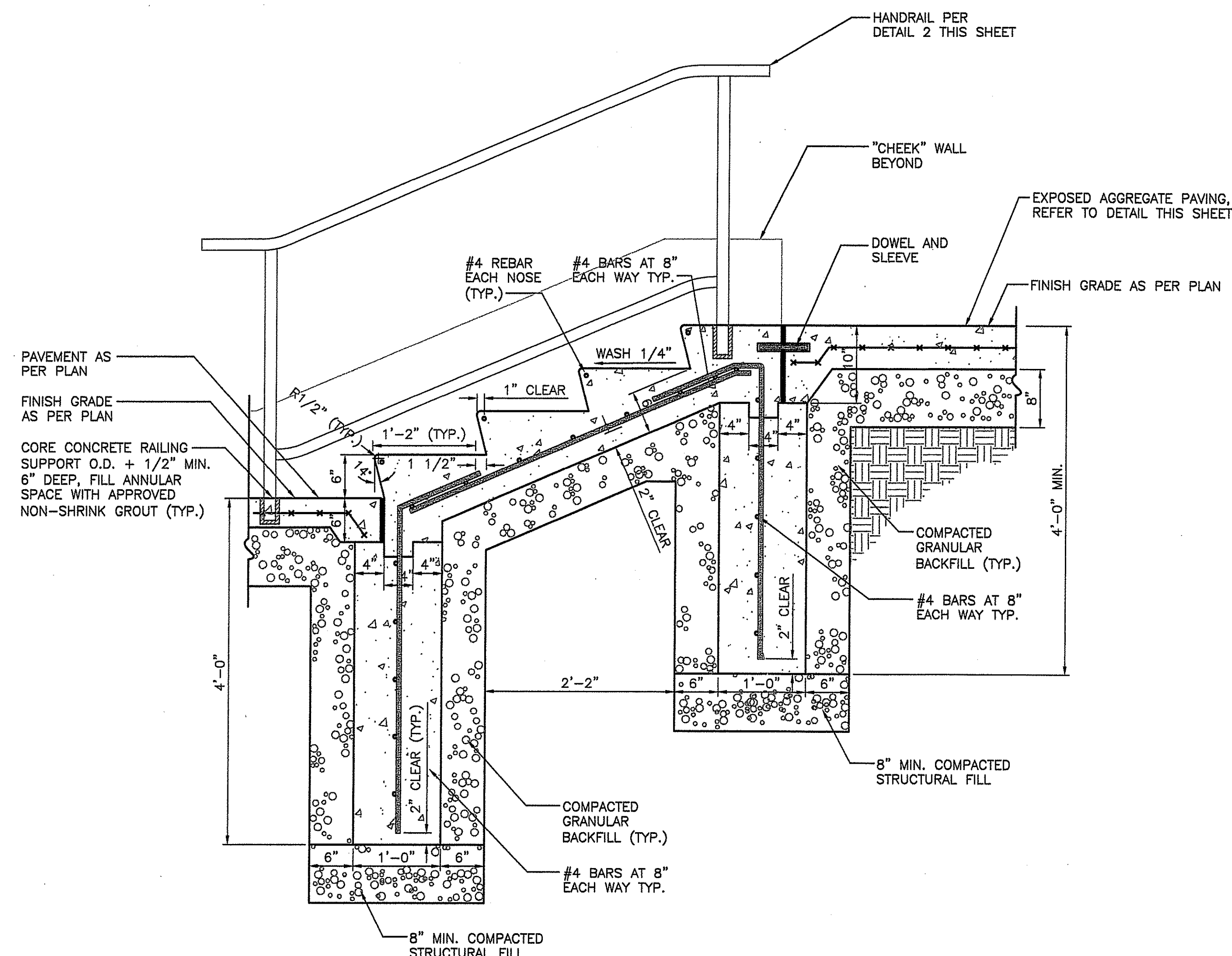
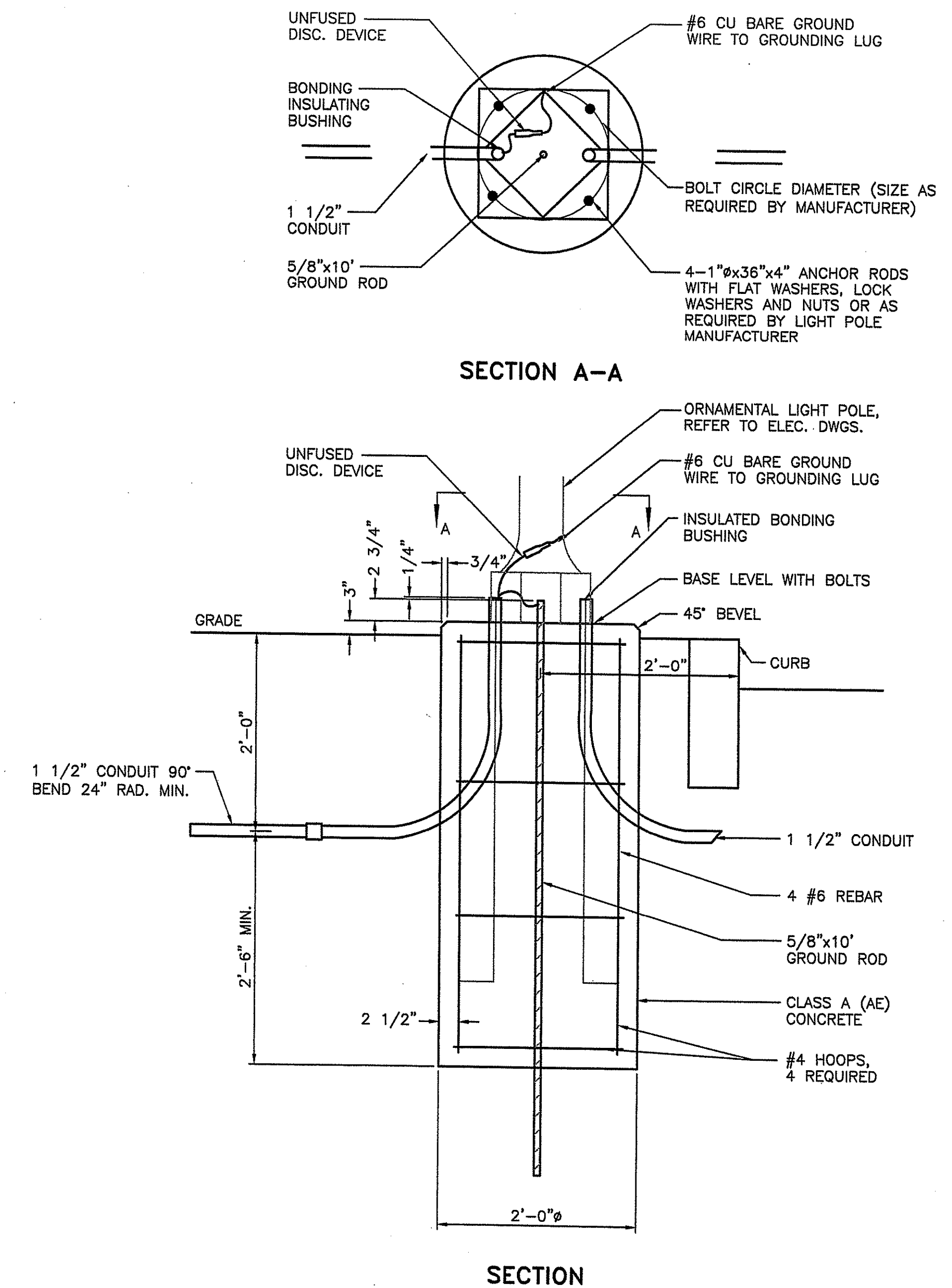
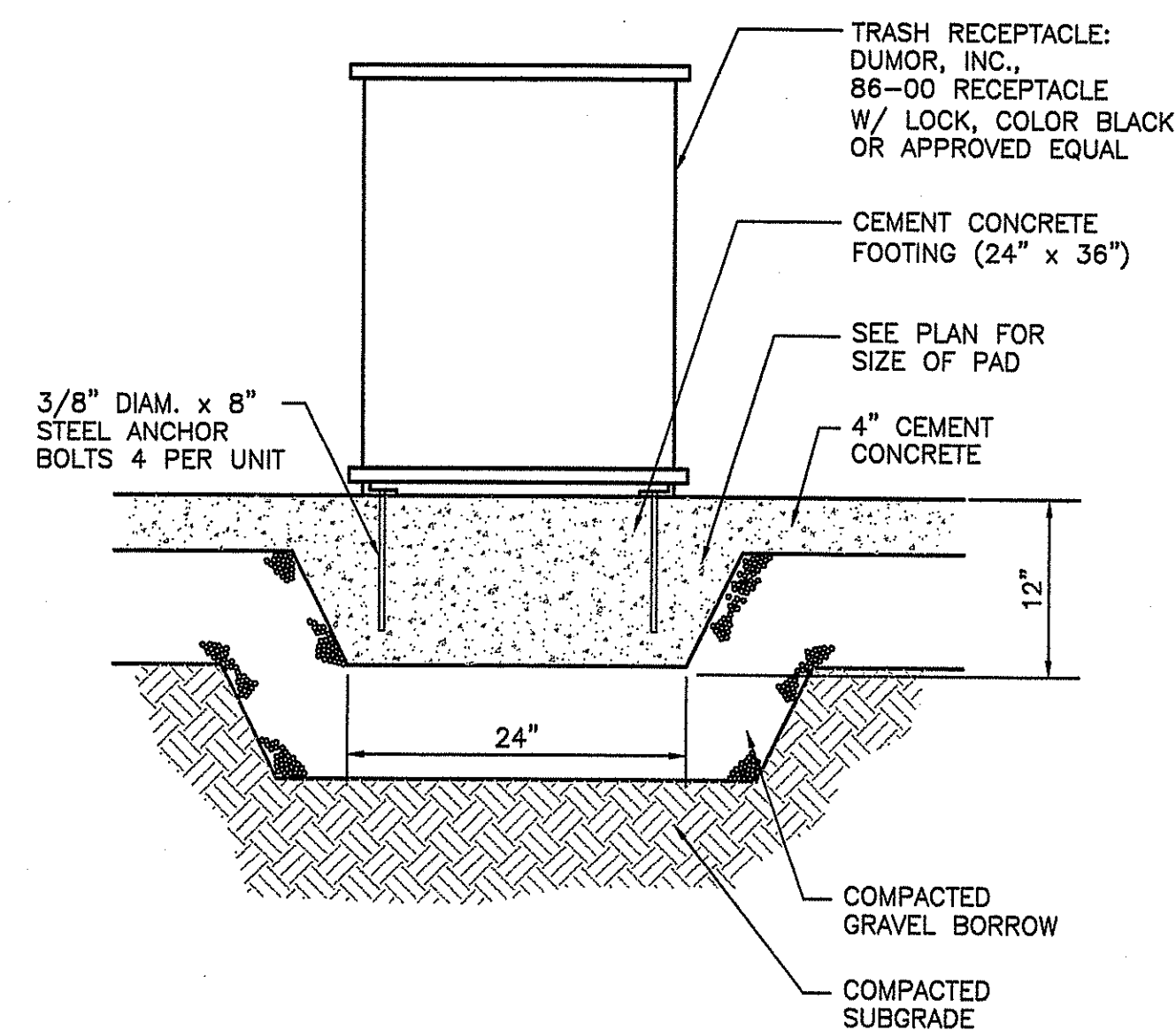
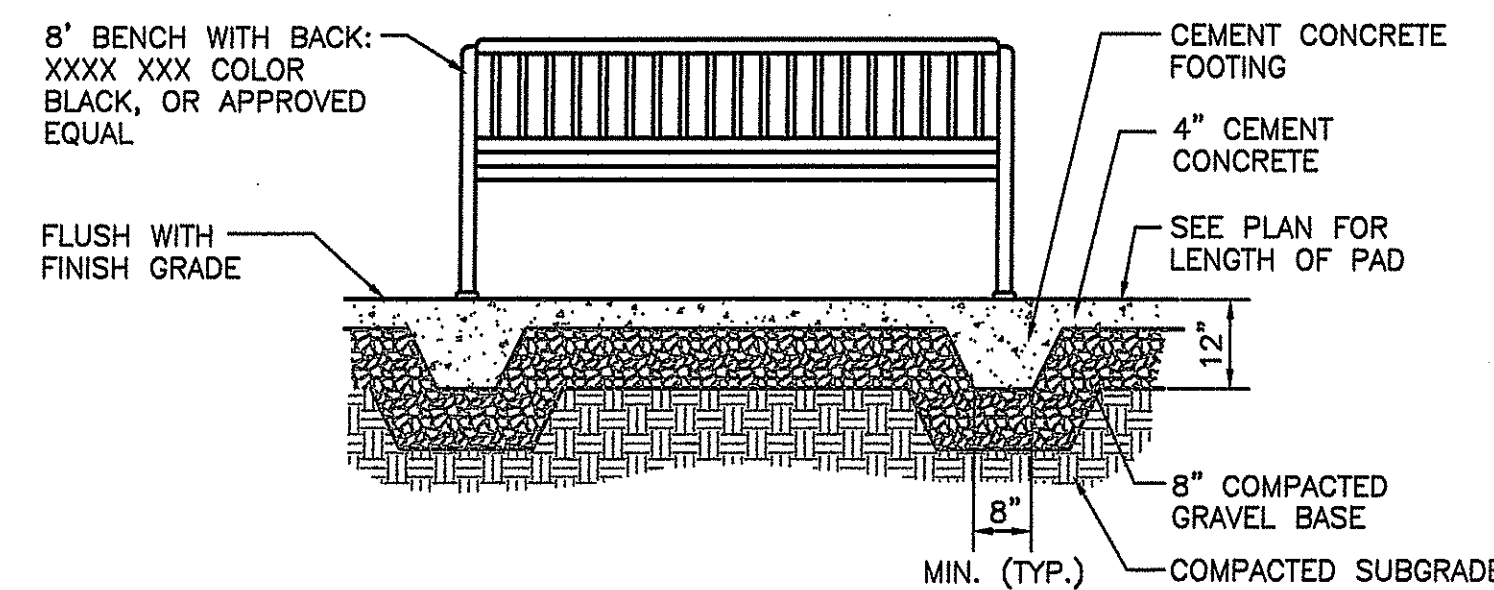
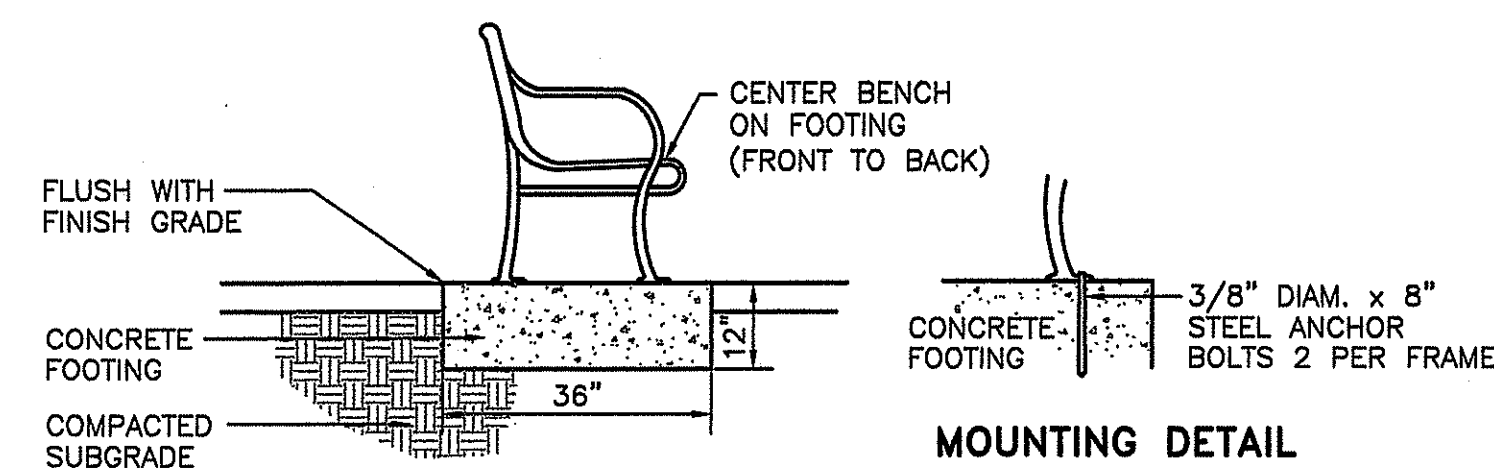


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RIVER STREET
WOONSOCKET, RHODE ISLAND

THIS DRAWING IS THE PROPERTY
OF THE LANDSCAPE ARCHITECT
ANY UNAUTHORIZED USE OF THIS
DRAWING WITHOUT WRITTEN
PERMISSION IS PROHIBITED

Sheet 5 of 11

L-5



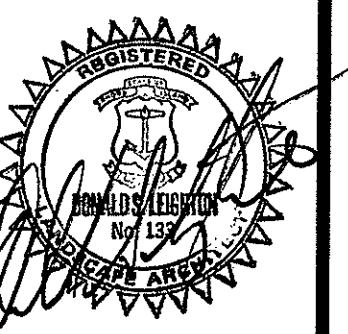
CONCRETE CHEEK WALL SECTION
NOT TO SCALE

MANAGEMENT
PRICES
PROGRAM

CONCRETE CHEEK WALL SECTION ELEVATION
NOT TO SCALE

ON DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
JAN 25 2008
DATED _____ FILE # 05-0057
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

PERMITTING SUBMISSION
NOT FOR CONSTRUCTION
April 27, 2007



Not
Issued
for Construction

1

JOB NO: P-989
Dwg File: P-989SHEET
Drawn: WTE
Checked: RC
Issued:

Gates, Leighton & Associates, Inc.
LANDSCAPE ARCHITECTURE
385-A Waterman Ave., East Providence, RI 02914 Ph: (401) 438-2071 Fax: (401) 434-7511 E-mail: gatl@aol.com

HARDSCAPE DETAILS PLAN

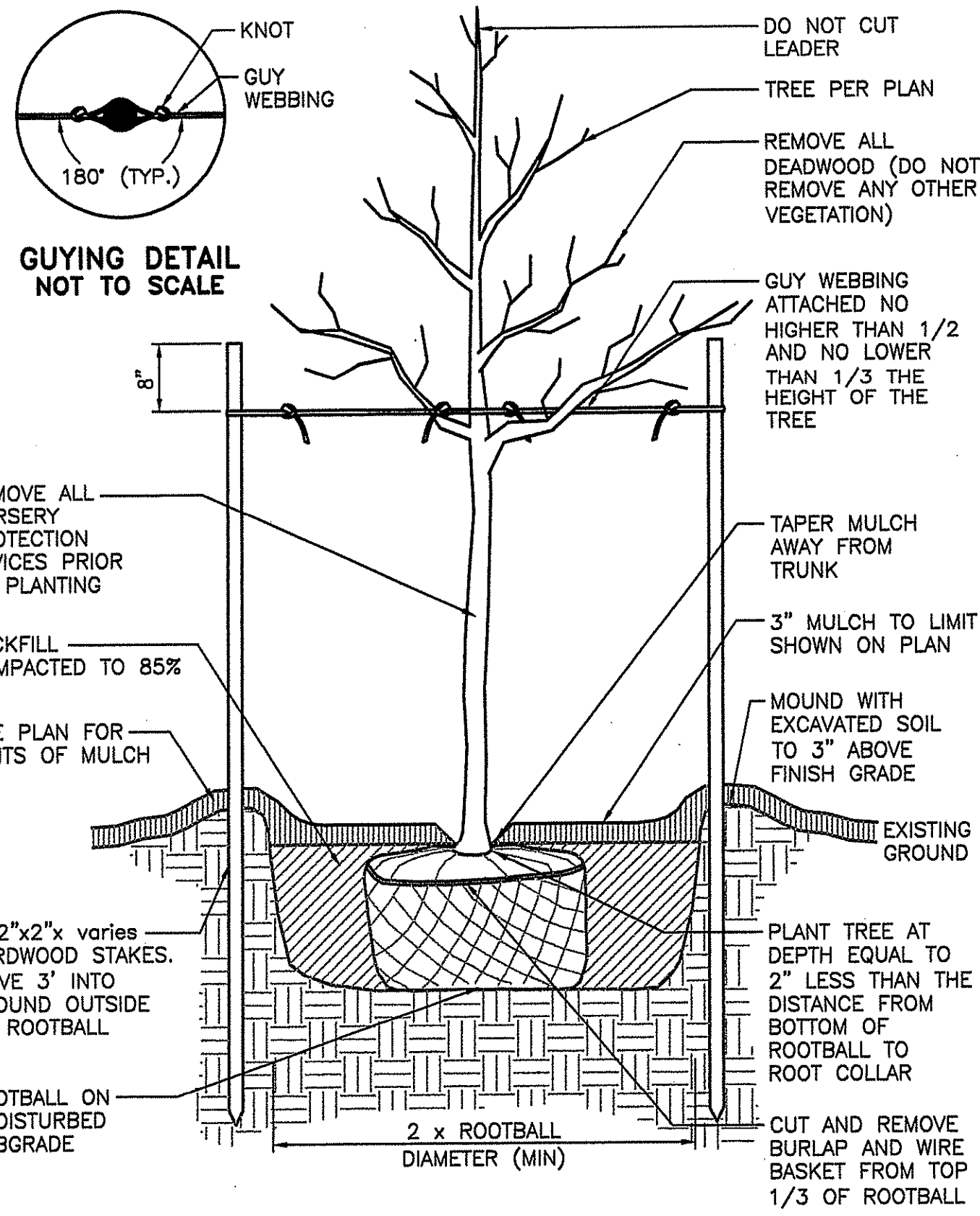
Blackstone Riverboat Launch Facility

RIVER STREET

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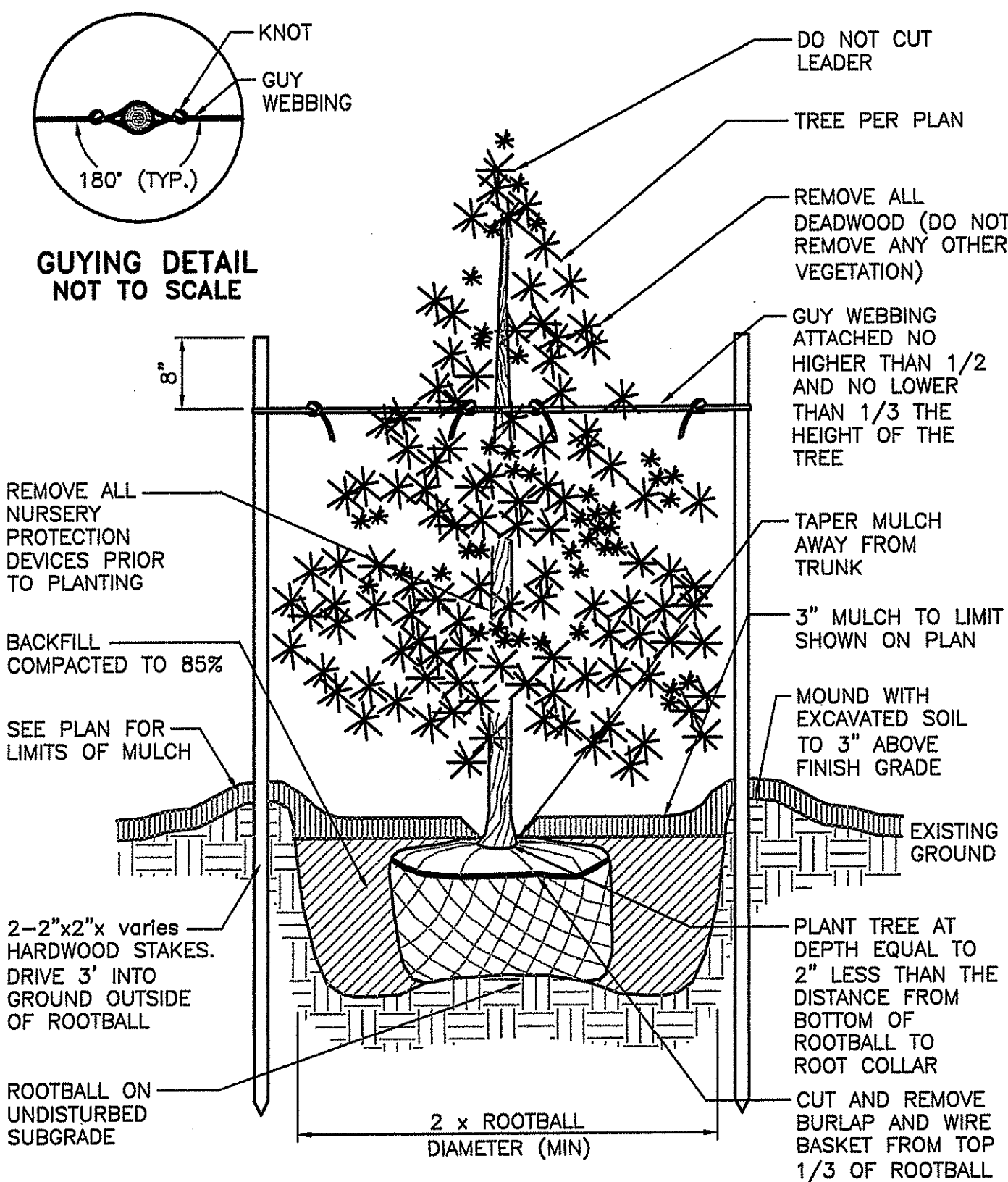
Sheet 6 of 11

L-6



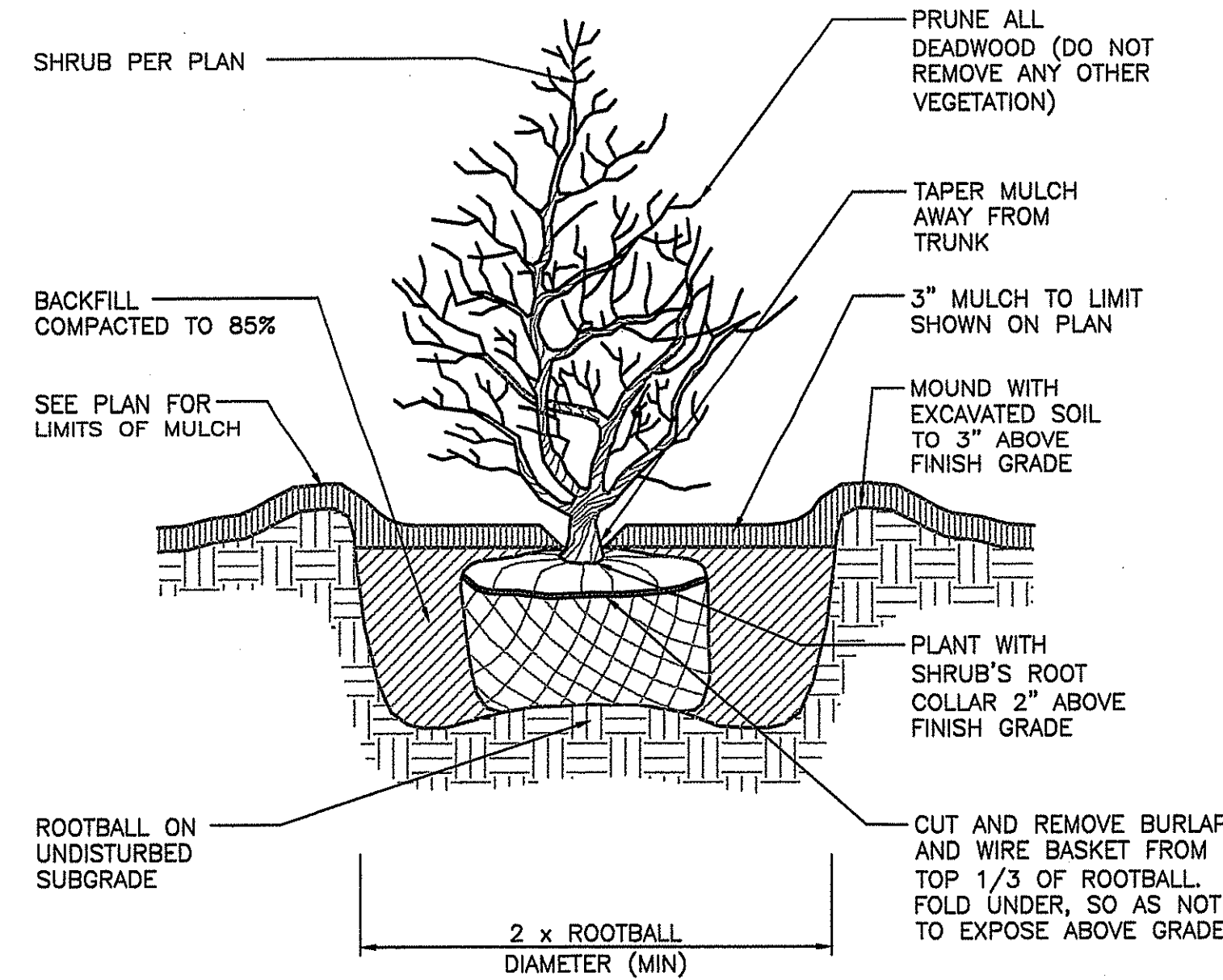
NOTE:
1. AFTER THE GUARANTEE PERIOD THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF STAKES AND GUY WEBBING.

DECIDUOUS TREE STAKING AND PLANTING DETAIL NOT TO SCALE

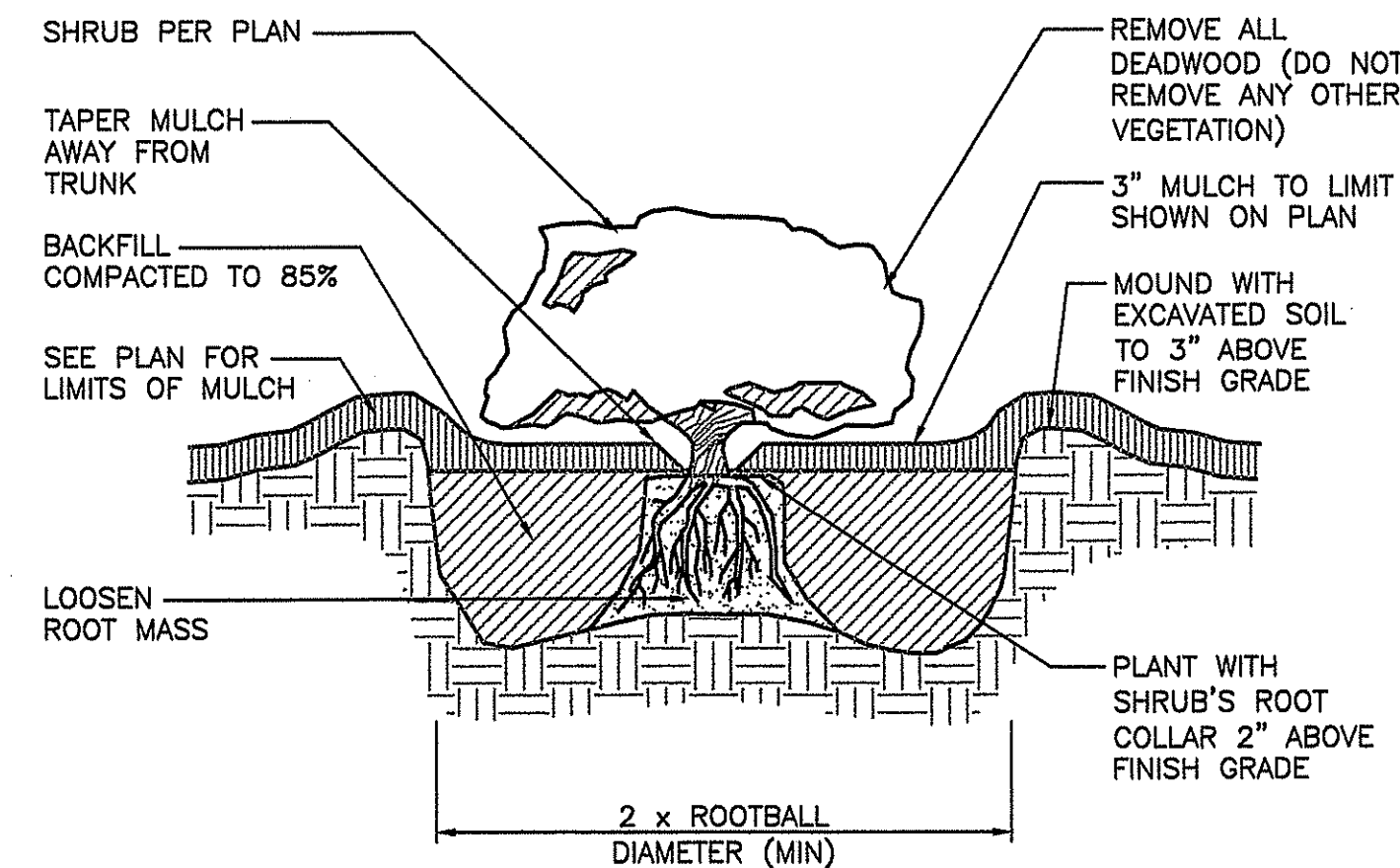


NOTE:
1. AFTER THE GUARANTEE PERIOD THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF STAKES AND GUY WEBBING.

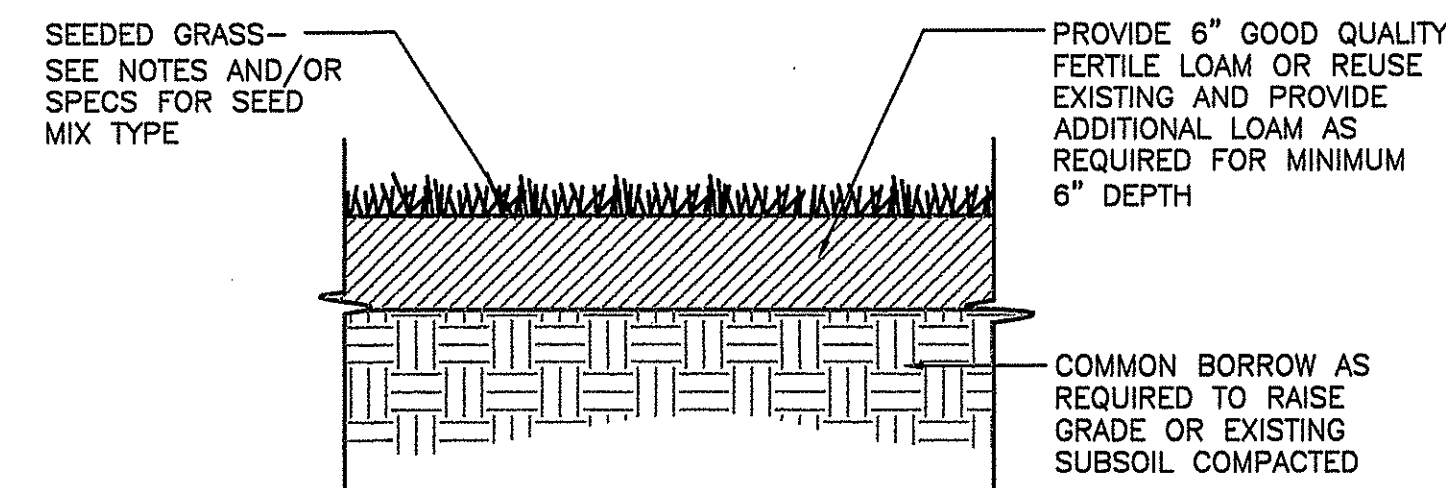
EVERGREEN TREE PLANTING DETAIL NOT TO SCALE



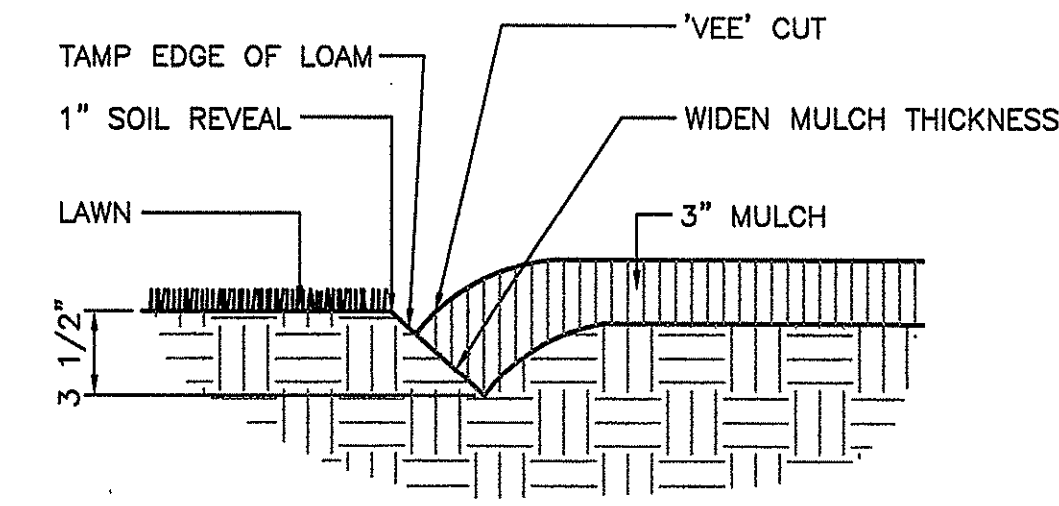
SHRUB PLANTING DETAIL NOT TO SCALE



CONTAINER GROWN TREE AND SHRUB DETAIL NOT TO SCALE

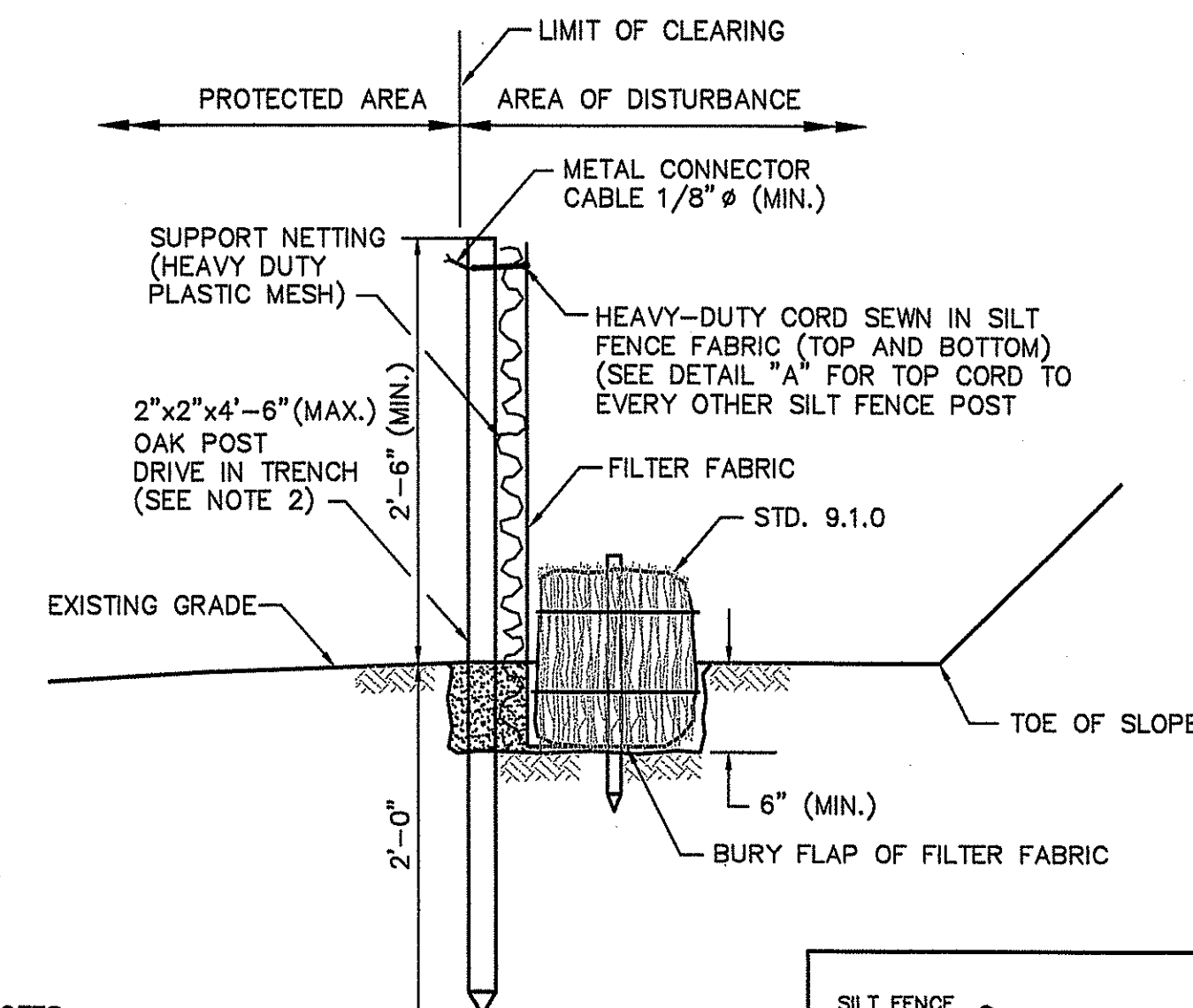


LOAM-SEED DETAIL NOT TO SCALE



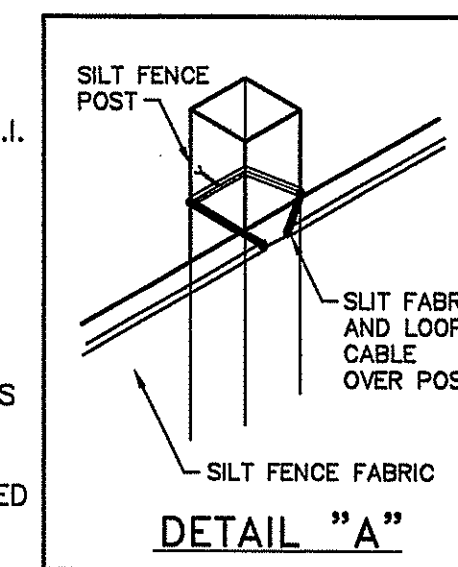
NOTE: LOCATE BEDLINE AS SHOWN ON PLAN.

BEDLINE EDGE DETAIL NOT TO SCALE



- NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
 2. STD. 9.1.0 IS INSTALLED "TIGHT" AGAINST SILT FENCE. THOROUGHLY COMPACT EXCAVATED SOILS BACK INTO TRENCH AFTER INSTALLATION OF EROSION CONTROL DEVICE. SILT FENCE FABRIC SHALL NOT BE SLIT. STD. 9.1.0 POST SHALL BE DRIVEN THROUGH SILT FENCE FABRIC. 2"x2"x4'-6" (MAX.) OAK POST FOR SILT FENCE SHALL BE LOCATED 8'-0" (MAX.) O.C. IN WETLAND AREAS AND 4'-0" (MAX.) O.C. IN WETLAND RAVINE, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
 3. 1"x1"x4'-6" (MIN.) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
 4. SILT FENCE AND BALED HAY SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.

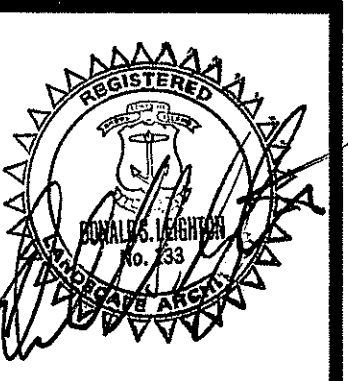
BALED HAY EROSION CHECK AND SILT FENCE COMBINED NOT TO SCALE



DETAIL "A"

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
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DATED JAN 25 2008 FILE # 05-0057
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APPROVED PLANS MUST BE AT CONSTRUCTION SITE.
Jonathan B. Wenzel

PERMITTING SUBMISSION
NOT FOR CONSTRUCTION
April 27, 2007



Not
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Revisions:

Job No: 1-989
Dwg File: 1-989SHEET
Drawn: WTE
Checked: RC
Issued:

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LANDSCAPE ARCHITECTURE
65-A Narragansett Ave., East Providence, RI 02914 Tel: (401) 438-2011 Fax: (401) 438-2011 E-mail: gl@aol.com

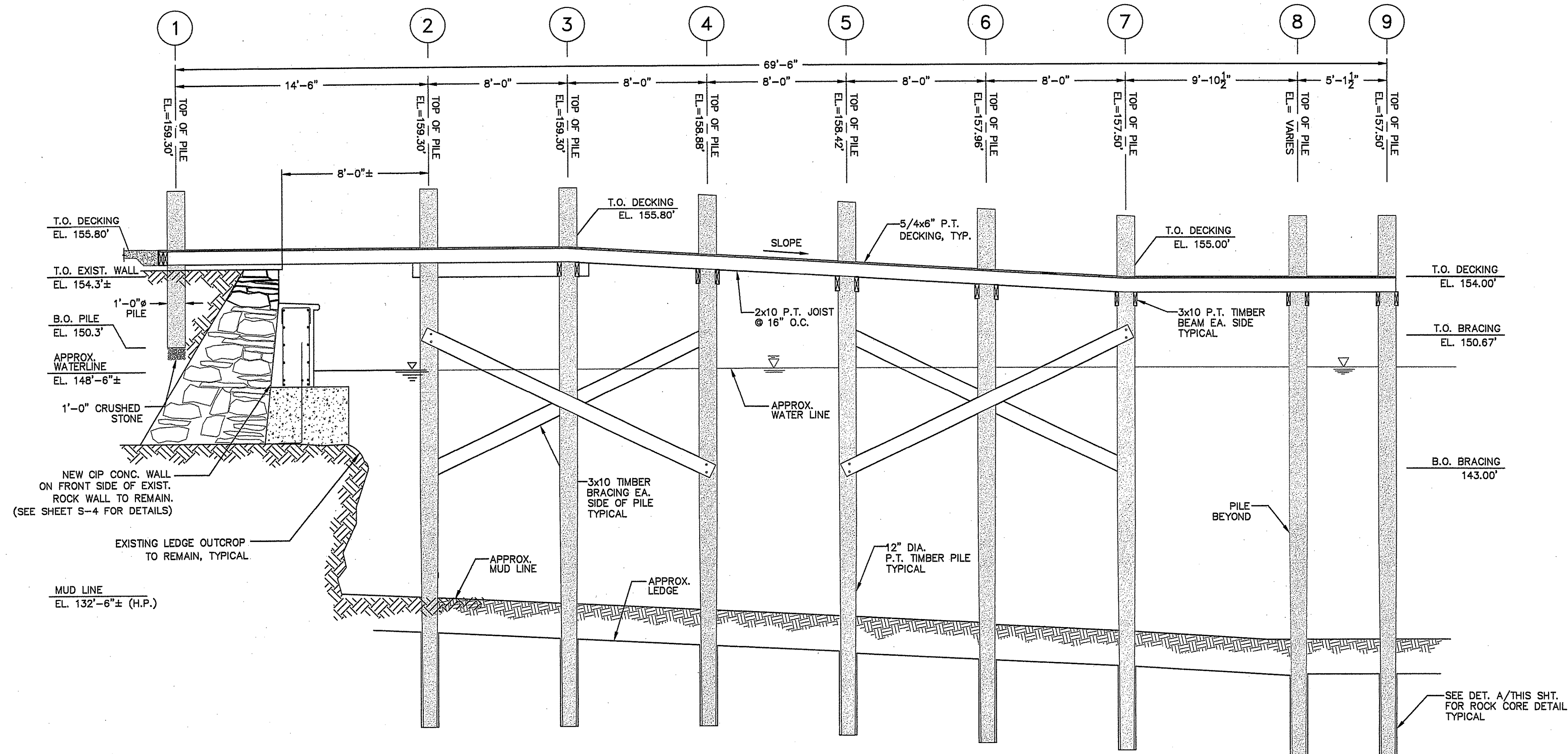


PLANTING DETAILS PLAN
Blackstone Riverboat Launch Facility
RIVER STREET
WOONSOCKET, RHODE ISLAND

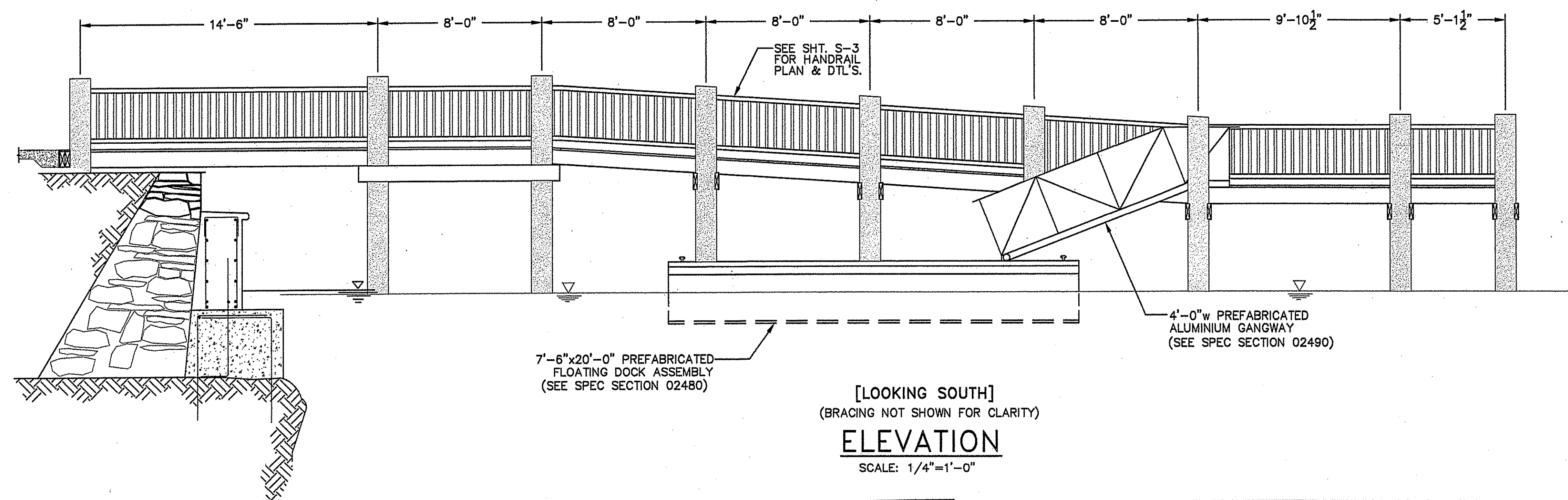
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Sheet 7 of 11

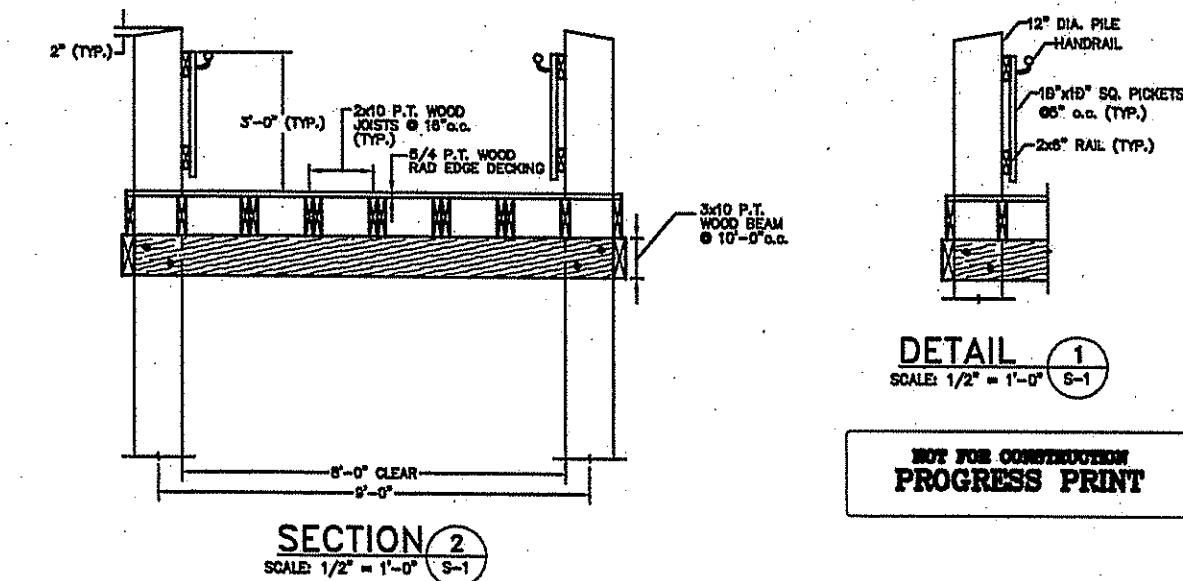
L-7



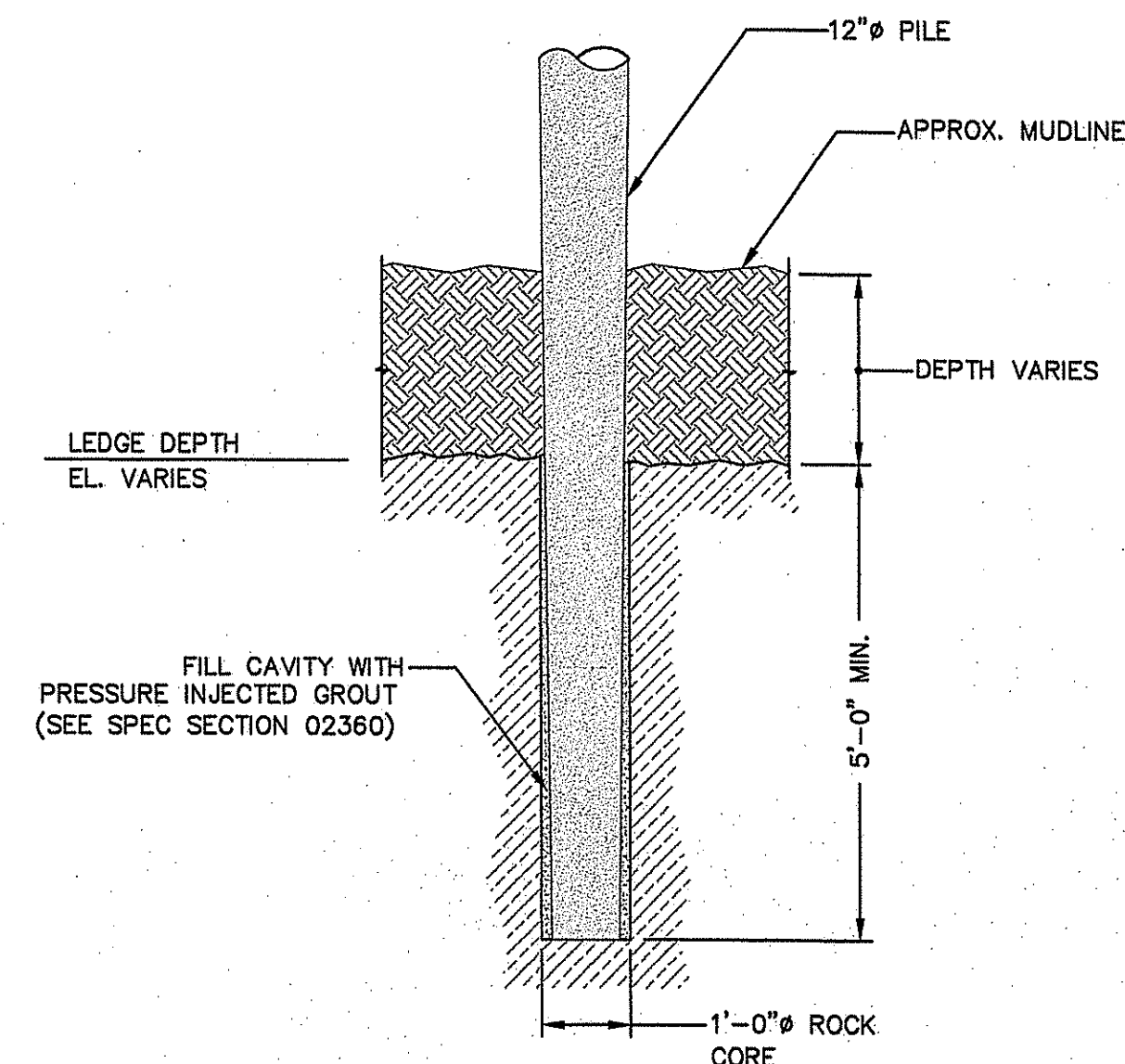
SECTION 1
SCALE: 1/4"=1'-0" S-1



[LOOKING SOUTH]
(BRACING NOT SHOWN FOR CLARITY)
ELEVATION
SCALE: 1/4"=1'-0"



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

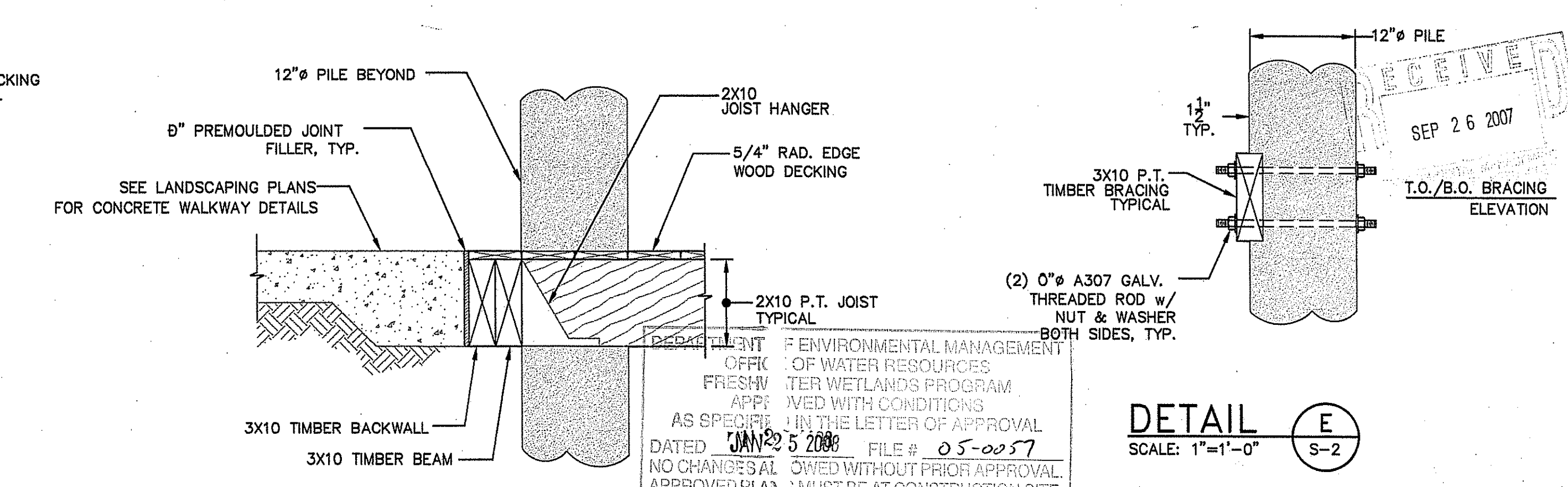
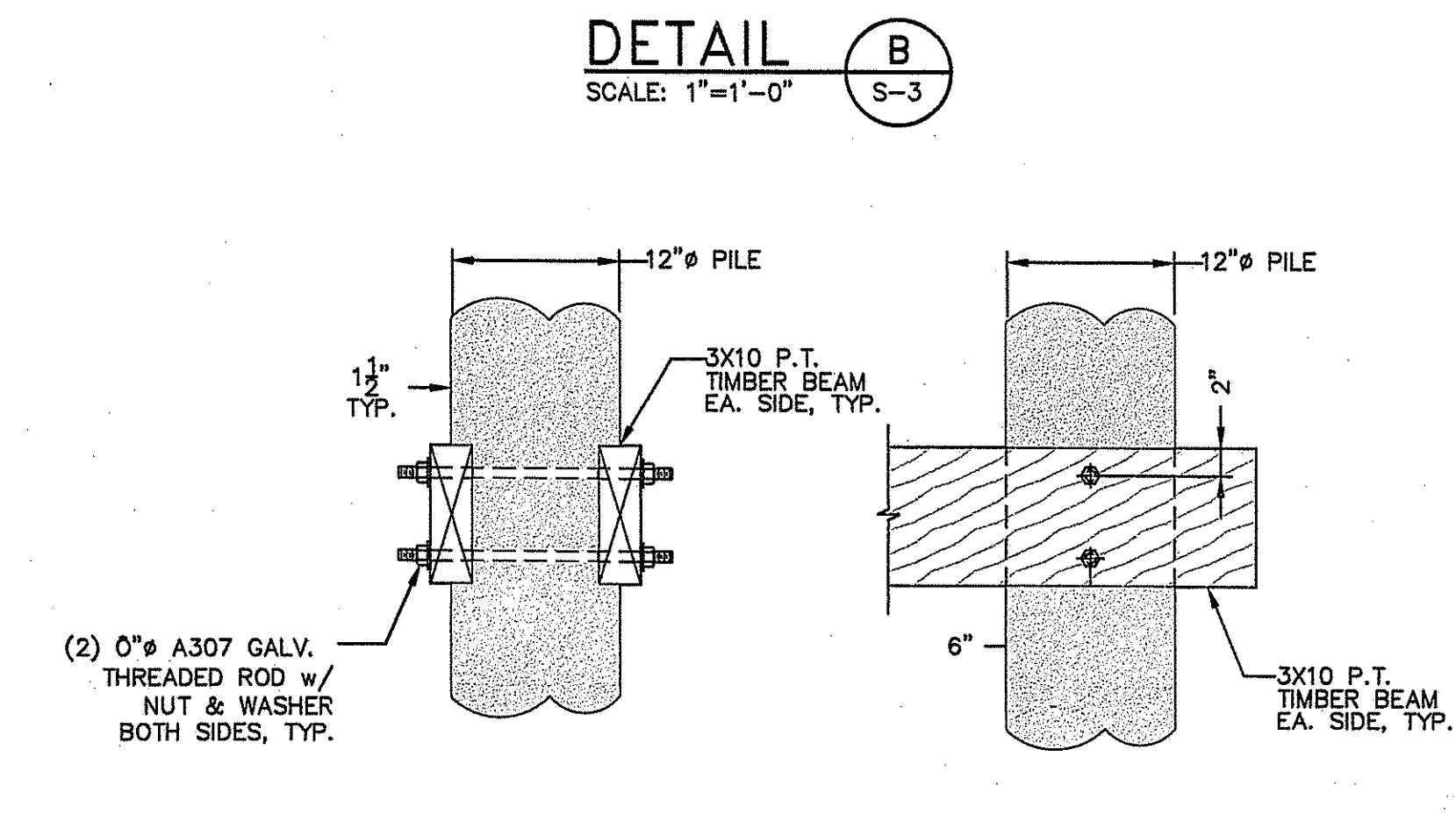
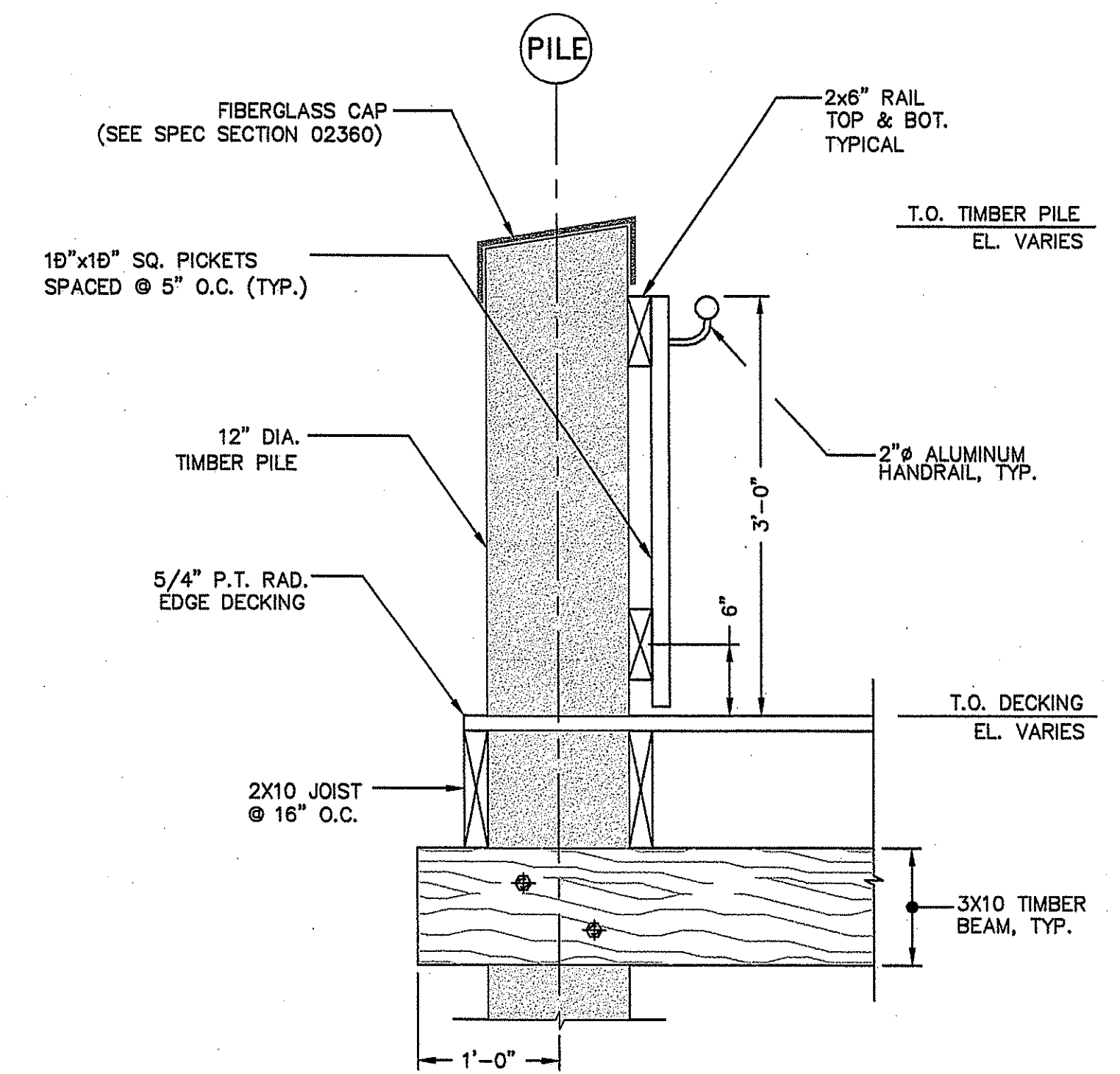
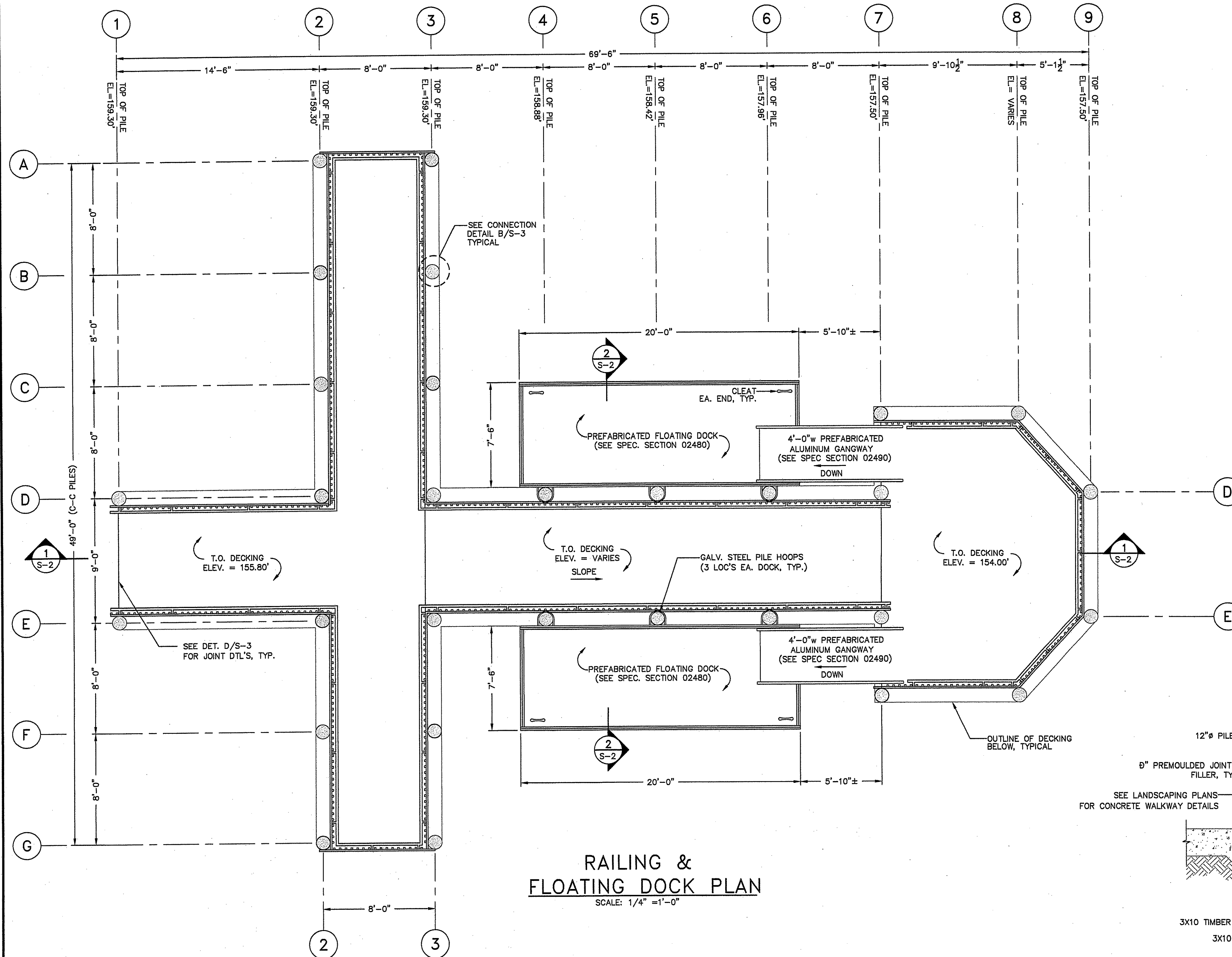


DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
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APPROVED WITH CONDITIONS
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April 27, 2007

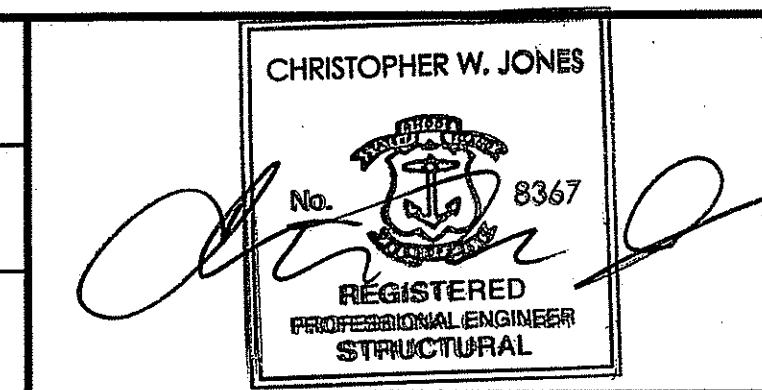
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PERMITTING SUBMISSION
NOT FOR CONSTRUCTION
April 27, 2007

NUMBER	DATE	MADE BY	CHECKED BY	DESCRIPTION

DRAWN BY	MJP
DEPT. CHECK	RTP
PROJ. CHECK	RTP

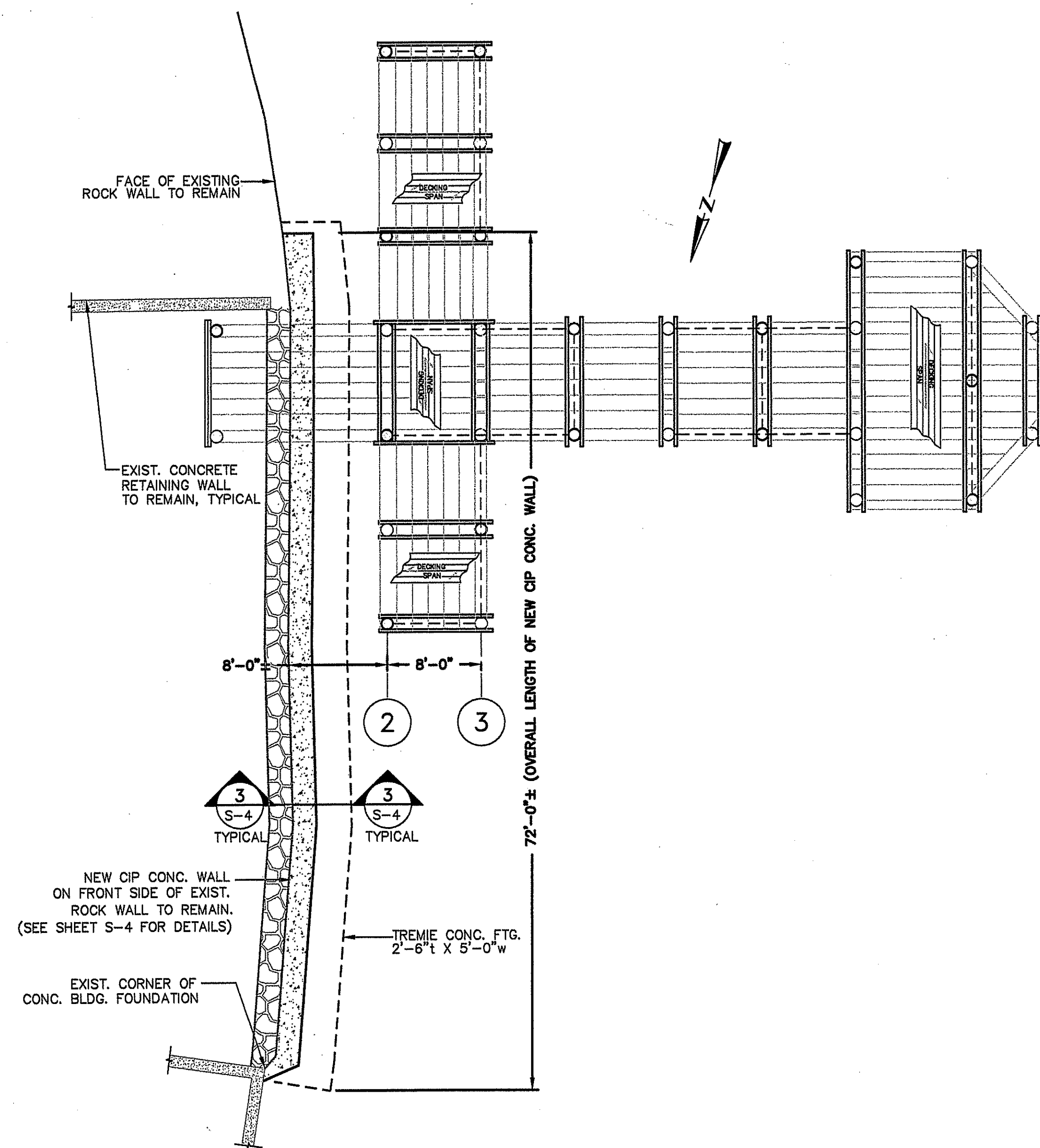


BETA Beta Group, Inc.
Engineers • Scientists • Planners
6 Blackstone Valley Place Lincoln, RI 02865 401.333.2382 fax: 401.333.9225
1420 Providence Hwy. (Rte. 1) Norwood, MA 02062 781.255.1982 fax: 781.255.1974
email: BETA@BETA-eng.com

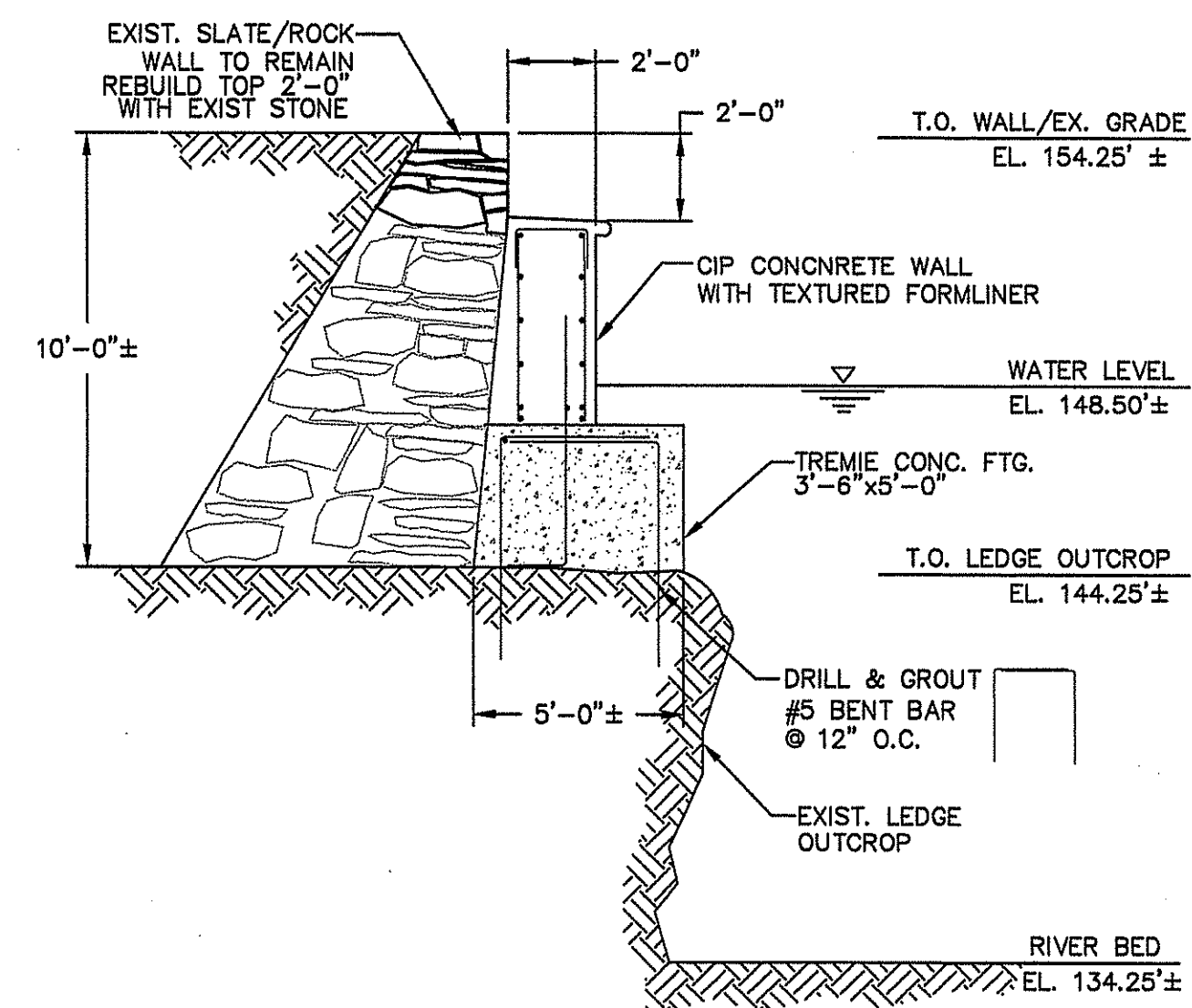
SCALE:
AS SHOWN

BLACKSTONE RIVER BOAT LAUNCH
WOONSOCKET RHODE ISLAND
RAILING PLAN & DETAILS

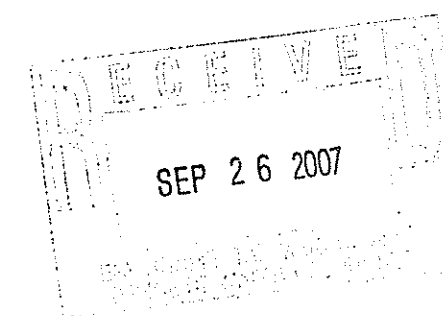
JOB	
FILE	S-3.DWG
DATE	7/28/04
SHEET	S-3
	SHEET 10 OF 11



WALL REPAIR PLAN
SCALE: 1/8" = 1'-0"



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



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April 27, 2007

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