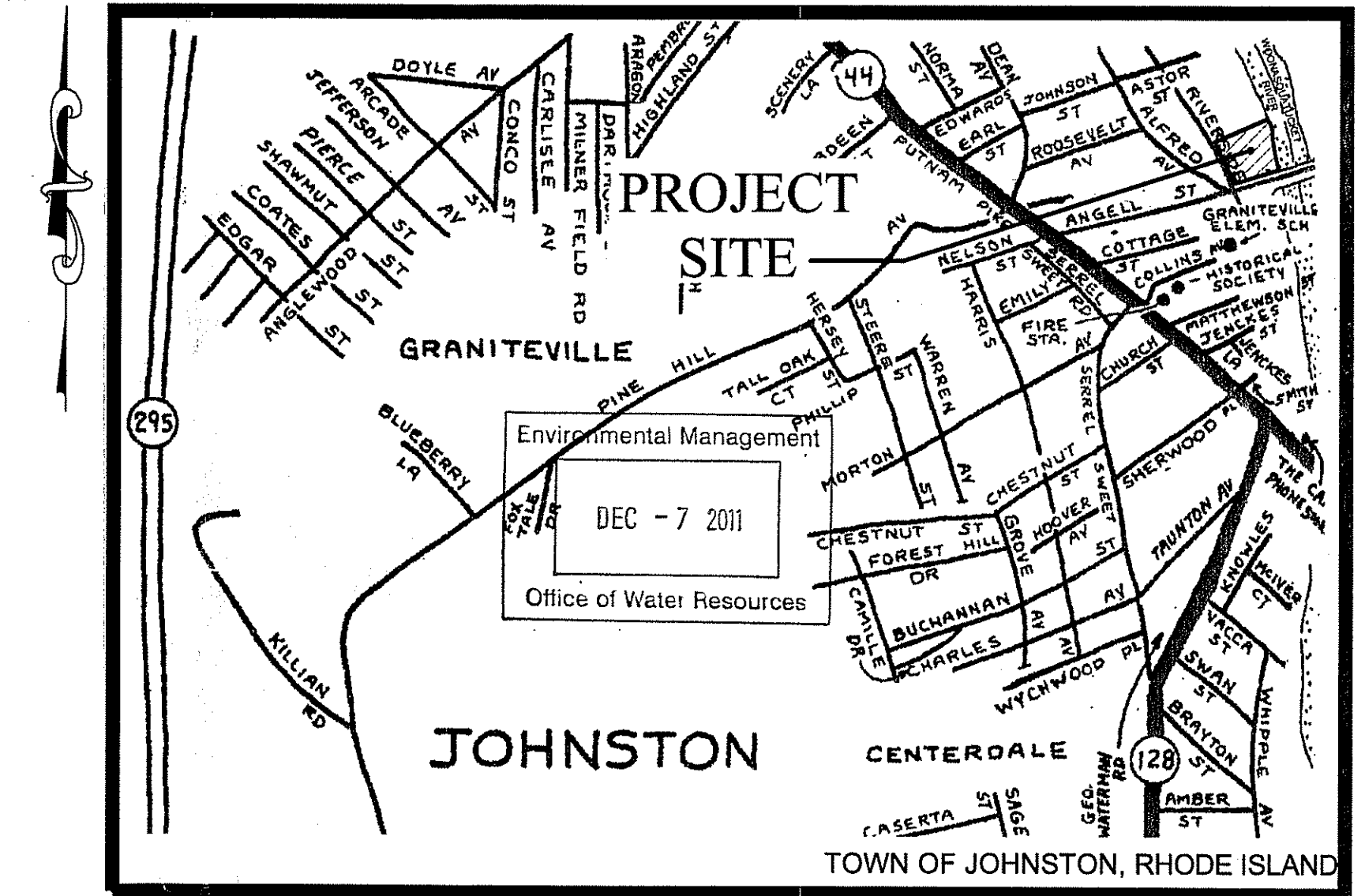


2812734 Cricket Field Renovation Plan (Cover).dwg

CRICKET FIELD RENOVATION PLAN

ANGELL STREET, JOHNSTON, RHODE ISLAND



LOCUS MAP
NOT TO SCALE

Prepared for:



WOONASQUATUCKET RIVER
WATERSHED COUNCIL

In Association with:



TOWN OF JOHNSTON
PARKS AND RECREATION DEPARTMENT
JOSEPH M. POLISENA, MAYOR

Prepared By:

THE GIFFORD DESIGN GROUP, Inc.
LANDSCAPE ARCHITECTURE ENVIRONMENTAL PLANNING

In Association with:

R.I.D.O.T.
RHODE ISLAND DEPARTMENT OF TRANSPORTATION



FAY, SPOFFARD and THORNDIKE
ENGINEERS, PLANNERS and SCIENTIST



MILLSTONE ENGINEERING, PC

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED DEC 22 2011 FILE # 11-0174
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Wendy L. Freeman

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DETAILS 1	4 OF 6
DETAILS 2	5 OF 6
DETAILS 3	6 OF 6

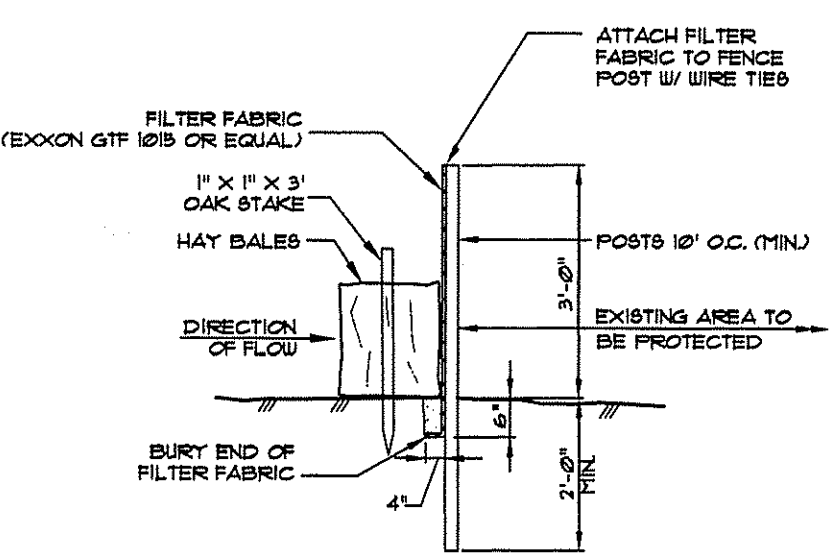
SEPTEMBER 2011
REVISED 11-30-11

ISSUED FOR PERMITTING

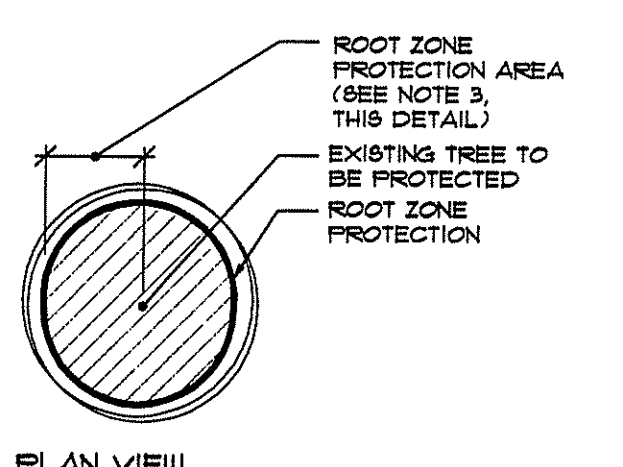
© 2011 GIFFORD DESIGN GROUP, Inc.

292734 Cricket Field Er-Cond_Site Prep Plan_R1 (0.dwg)

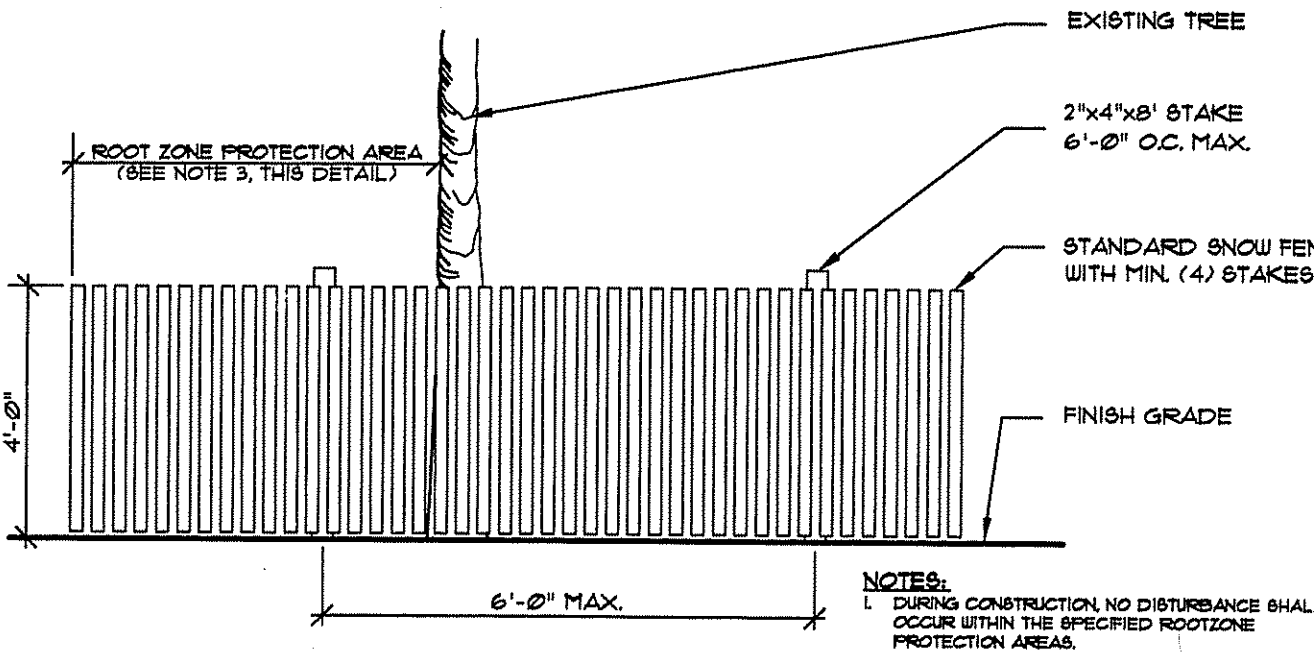
- LEGEND:**
- APPROXIMATE OVERALL PROPERTY LINE
 - EDGE OF WATER
 - △XXX FLAGGED WETLAND EDGE
 - 50 FOOT PERIMETER WETLAND
 - 200 FOOT RIVERBANK WETLAND
 - 10 EXISTING MAJOR CONTOUR LINE
 - 5 EXISTING MINOR CONTOUR LINE
 - X 6.6.1 EXISTING SPOT GRADE
 - TW 113.6 EXISTING TOP OF WALL
 - EXISTING TREELINE
 - EXISTING CHAIN LINK FENCE
 - EXISTING CONCRETE WALLS
 - EXISTING METAL GUARDRAIL
 - 100-YEAR FLOOD PLAN (ELEV. 114)
 - LIMIT-OF-DISTURBANCE
 - HAYBALE/SILTATION FENCE EROSION AND SEDIMENT CONTROL LINE AT LIMIT OF DISTURBANCE
 - R16 REMOVE AND DISPOSE
 - R16 REMOVE AND STORE ON SITE
 - PROPOSED ROOT ZONE PROTECTION
 - PROPOSED TREELINE
 - EXISTING TREES TO REMAIN AND BE PROTECTED WITHIN LIMIT-OF-DISTURBANCE
 - EXISTING DECIDUOUS TREE TO BE REMOVED, STORED ON SITE AND TRANSPLANTED IN ACCORDANCE WITH SHEET 3 OF THIS PLAN SET
 - SAUCUT LINE
 - GRIND-IN-PLACE EXISTING BITUMINOUS CONCRETE
 - REVISION CLOUD



1 SILTATION FENCE/HAYBALE EROSION AND SEDIMENT CONTROL NOT TO SCALE



PLAN VIEW



2 ROOT ZONE PROTECTION NOT TO SCALE

EROSION CONTROL AND SOIL STABILIZATION PROGRAM:

- CONTRACTOR TO AVOID AND MINIMIZE ANY DISTURBANCE TO RIVERBANK AND PERIMETER WETLAND AREAS DURING CONSTRUCTION WITHIN TEMPORARY LIMIT OF DISTURBANCE.
 - DENuded SLOPES SHALL NOT BE LEFT EXPOSED FOR EXCESSIVE PERIODS OF TIME, SUCH AS THE INACTIVE WINTER SEASONS.
 - TEMPORARY TREATMENTS SHALL CONSIST OF A HAY, STRAW, FIBER MULCH OR PROTECTIVE COVERS SUCH AS A MAT OR FIBER LINING (BURLAP, JUTE, FIBERGLASS NETTING, EXCELBIOR BLANKETS). THEY SHALL BE INCORPORATED INTO THE WORK AS WARRANTED OR AS ORDERED BY THE OWNER'S REPRESENTATIVE.
 - HAY OR STRAW APPLICATIONS SHOULD BE IN THE AMOUNT OF 2000 LBS/ACRE.
 - ALL SILTATION FENCE/HAYBALE CONTROL OR TEMPORARY PROTECTION SHALL REMAIN IN-PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED.
 - THE TOPSOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, TONES, ROOTS, LIMBS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS AND SHALL CONFORM WITH RHODE ISLAND STANDARD SPECIFICATIONS.
 - ALL DISTURBED AREAS MUST BE PERMANENTLY SEEDED OR PLANTED BEFORE OCTOBER 1ST, IF NOT THEY MUST BE TEMPORARILY SEEDED.
 - TEMPORARY SEEDINGS, WHEN REQUIRED, MUST BE DONE WITHIN ONE (1) MONTH AFTER DISTURBANCE.
 - THE SEED MIX SHALL BE INOCULATED WITHIN 24-HOURS BEFORE MIXING AND PLANTING, WITH APPROPRIATE INOCULANT FOR EACH VARIETY.
 - THE TEMPORARY SEED MIX, WHEN REQUIRED, SHALL BE APPLIED IN ALL DISTURBED AREAS FOR EROSION CONTROL AND SOIL STABILIZATION SHALL BE COMPRISED OF THE FOLLOWING:
- | TYPE | % BY WEIGHT |
|-----------------------------|-------------|
| IMPROVED PERENNIAL RYEGRASS | 25 |
| CREeping RED FESCUE | 25 |
| ANNUAL RYEGRASS | 25 |
| TALL FESCUE | 15 |
| KENTUCKY BLUEGRASS | 5 |
| COLONIAL BENTGRASS | 1 |
| RED TOP | 1 |
- APPLICATION RATE: 5 LBS/1000 SF
- LIMING AND FERTILIZING AS REQUIRED TO COMPLY WITH OR UPGRADE EXISTING CONDITIONS.
- THE NORMAL ACCEPTABLE SEASONAL SEEDING DATES ARE APRIL 1ST - MAY 31ST AND AUGUST 15 - OCTOBER 15TH.
 - STABILIZATION OF ONE FORM OR ANOTHER AS DESCRIBED ABOVE SHALL BE ACHIEVED WITHIN FIFTEEN (15) DAYS OF FINAL GRADING.
 - STOCKPILES OF TOPSOIL AND EARTH MATERIALS SHALL NOT BE LOCATED NEAR WATERWAYS. THEY SHALL HAVE SLOPES NO GREATER THAN THIRTY PERCENT (30%), SHALL ALSO BE SEEDED AND/OR STABILIZED AND SHALL BE COMPLETELY ENCLOSED WITH STACKED HAYBALES AND/OR SILT FENCE.
 - ALL DISTURBED AREAS MUST BE SEEDED OR PLANTED WITHIN THE CONSTRUCTION SEASON.

TREE PROTECTION NOTES:

- AS INDICATED ON ROOTZONE PROTECTION DETAIL (THIS SHEET), ROOTZONE PROTECTION FENCE MUST BE INSTALLED AROUND THE TREES DESIGNATED TO REMAIN AS INDICATED ON THIS SHEET.
- TREES SHALL BE WATERED DURING PERIODS OF LITTLE NATURAL RAINFALL. THE TREES MUST BE DEEPLY SOAKED MONTHLY (8-12) INCHES THROUGHOUT THE PROTECTION ZONE.
- TREES MUST BE PROPERLY PRUNED AND FERTILIZED (BY A CERTIFIED ARBORIST) PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- WHEN NECESSARY, ALL WORK CONDUCTED WITHIN THE PROTECTION ZONE OF ANY PROTECTED TREE SHALL BE DONE WITH HAND TOOLS ONLY. ALL WORK DONE WITHIN THE PROTECTION ZONE SHALL BE DONE IN A MANNER WHICH MINIMIZES THE NEGATIVE IMPACT TO THE TREE AND SURROUNDING SOIL.
- DISPOSAL OF CHEMICALS, SOLUTIONS, CLEANING AGENTS, PAINTS, PLASTER AND OTHER CONSTRUCTION DEBRIS IS STRICTLY PROHIBITED FROM THE PROTECTION ZONE. RE-FUELING OF EQUIPMENT, TANKS, AND VEHICLES IS STRICTLY PROHIBITED IN THE PROTECTION ZONE.

INVASIVE AND NUISANCE SPECIES CONTROL NOTES:

- ESTABLISH LIMITS OF DISTURBANCE BY INSTALLATION OF SILT FENCE AS INDICATED ON DRAWINGS.
- ALL POISON IVY WILL BE CONTROLLED BY TARGETED FOLIAR SPRAYING WITH GLYPHOSATE APPROVED FOR WETLAND & AQUATIC USE.
- IF NECESSARY, CUT KNOTWEED TO A HEIGHT OF APPROXIMATELY 4\"/>

SURVEY AND WETLAND FLAGGING NOTES:

- THE SURVEY COMPLETED FOR THIS PLAN CONFORMS TO CLASS I STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS (SEE REFERENCES).
- FLOOD PLAN ELEVATION:
A) FIRM FLOOD INSURANCE RATE MAP IS BASED ON NAVD83 DATUM AND IMPLIES THAT THIS PROJECT AREA FALLS WITHIN OR ADJACENT TO AN AREA OF FLOOD ZONE A&I; AREA OF 100 YEAR FLOOD; BASE FLOOD ELEVATION DETERMINED; ELEVATION 114 (SEE REFERENCES).
B) THE EXISTING CONDITIONS TOPOGRAPHICAL INFORMATION SHOWN ON THESE PLANS IS BASED ON BENCHMARK SHOWN ON PLAN AND NAVD83 DATUM.
- WETLAND EDGE FLAGGED BY THE GIFFORD DESIGN GROUP, INC.

GENERAL NOTES:

TEMPORARY CONSTRUCTION AREA LAYOUT:

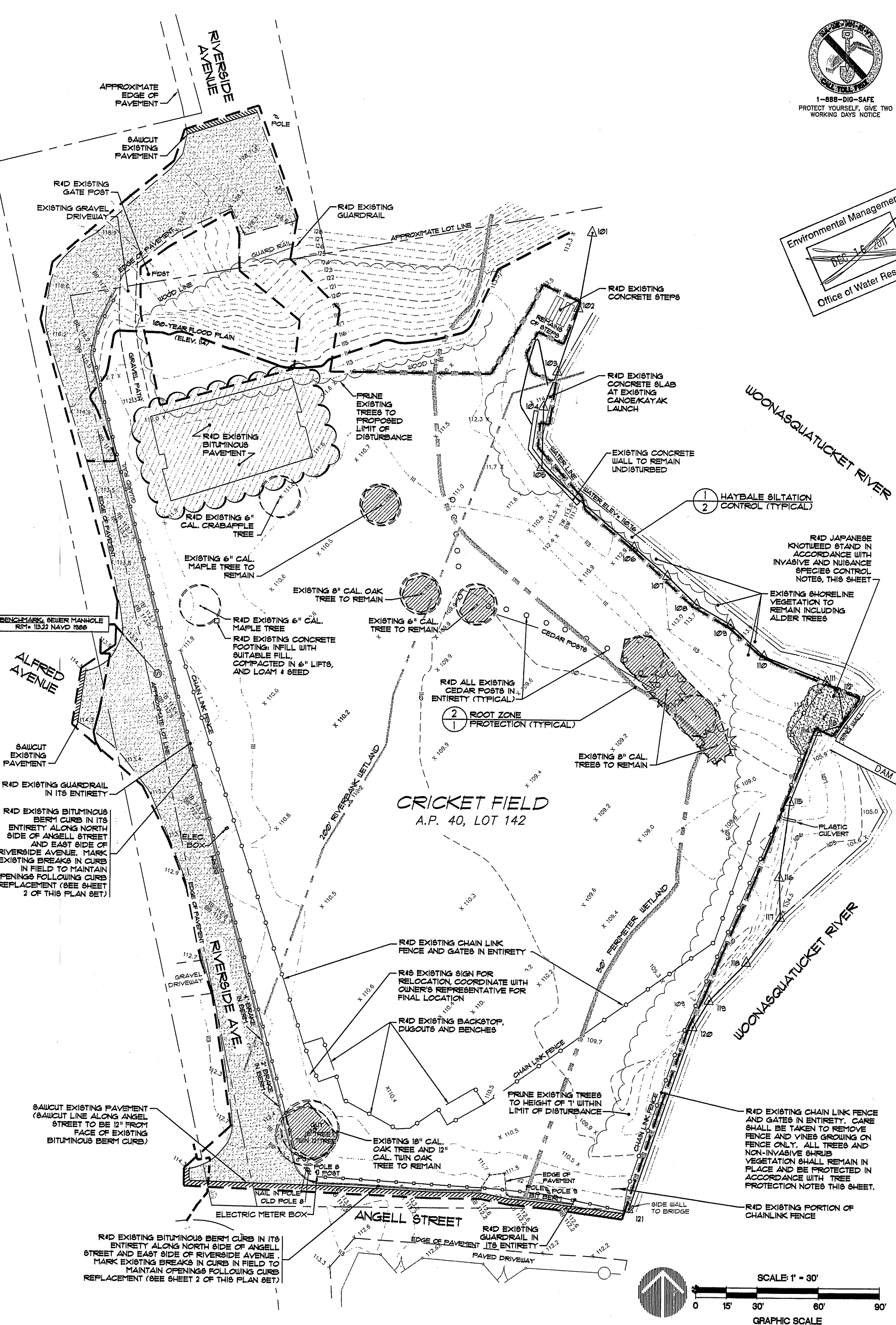
- DURING CONSTRUCTION, MINOR GRADINGS AND SOIL MOVEMENT SHALL BE NECESSARY ONLY IN THE PROJECT AREA DEFINED BY THE LIMIT OF DISTURBANCE LINE AND HAYBALE/SILTATION FENCE EROSION AND SEDIMENT CONTROL LINE. THIS IS NEEDED TO PROVIDE ADA COMPLIANT ACCESS TO THE SITE. NO OTHER GRADE CHANGES SHALL OCCUR WITHIN WETLAND AREA, ITS ASSOCIATED 50' PERIMETER WETLAND, OR THE 200' RIVERBANK WETLAND OF THE WOONASQUATUCKET RIVER.
- WORK AREA TO BE ESTABLISHED BY LIMIT OF WORK LINE AS DEPICTED ON THIS PLAN. THE LIMITS OF THE PROJECT AREA ON THIS PLAN IS INTENDED TO BE A GUIDELINE. CARE SHALL BE GIVEN TO AVOID ANY SIGNIFICANT TREES ON SITE. FINAL WORK AREA SHALL BE DETERMINED ON SITE TO MINIMIZE CONFLICTS WITH EXISTING TREE LOCATIONS.

SELECTIVE PRUNING:

- TRIM OVERHANGING TREES WITHIN THE LIMIT OF WORK TO A MINIMUM HEIGHT OF 1' ABOVE FINISH GRADE OF THE PROPOSED SURFACES (SEE SHEET 2 OF THIS PLAN SET).

ENVIRONMENTAL PROTECTION:

- CONSTRUCTION ACCESS SHALL BE LIMITED TO THAT AREA DEFINED BY THE LIMIT OF WORK AREA. ANY CONSTRUCTION VEHICLES UTILIZED SHALL BE EQUIPPED WITH FLotation TIRES AND/OR TRACKS TO MINIMIZE COMPACTION WITHIN THE LIMIT OF WORK.



No:	Revision:	Date:
1	R&D existing bituminous pavement	11-30-11
Environmental Management		
DEC - 7 - 2011		

REFERENCES: Office of Water Resources
 EXISTING CONDITIONS AND TOPOGRAPHY: 'TOPOGRAPHIC SURVEY, PLAT 40, LOT 142, JOHNSTON, RHODE ISLAND'; PREPARED FOR: THE GIFFORD DESIGN GROUP, INC. PREPARED BY: MARC N. NYBERG ASSOCIATES, INC.; SCALE: 1" = 30', DATED: August 31, 2011 W/Revisions Through SEPTEMBER 2, 2011

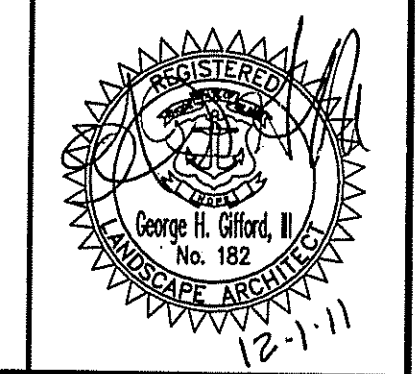
EXISTING BITUMINOUS PAVEMENT WITHIN LIMIT-OF-DISTURBANCE: 'EXISTING CONDITIONS PLAN, PLAT 40, LOT 142, JOHNSTON, RHODE ISLAND'; PREPARED FOR: THE GIFFORD DESIGN GROUP, INC. PREPARED BY: MARC N. NYBERG ASSOCIATES, INC.; SCALE: 1" = 30', DATED: September 21, 2007 W/Revisions Through JANUARY 24, 2008

BASE FLOOD ELEVATION: 'FIRM' FLOOD INSURANCE RATE MAP, PROVIDENCE COUNTY, RHODE ISLAND; PANEL 301 OF 451; MAP NUMBER: 440070301G 010 G; EFFECTIVE DATE: MARCH 2, 2009.

CRICKET FIELD RENOVATION PLAN

A.P. 40, LOT 142
 ANGELL STREET
 JOHNSTON, RI

APPLICANT:
 THE TOWN OF JOHNSTON



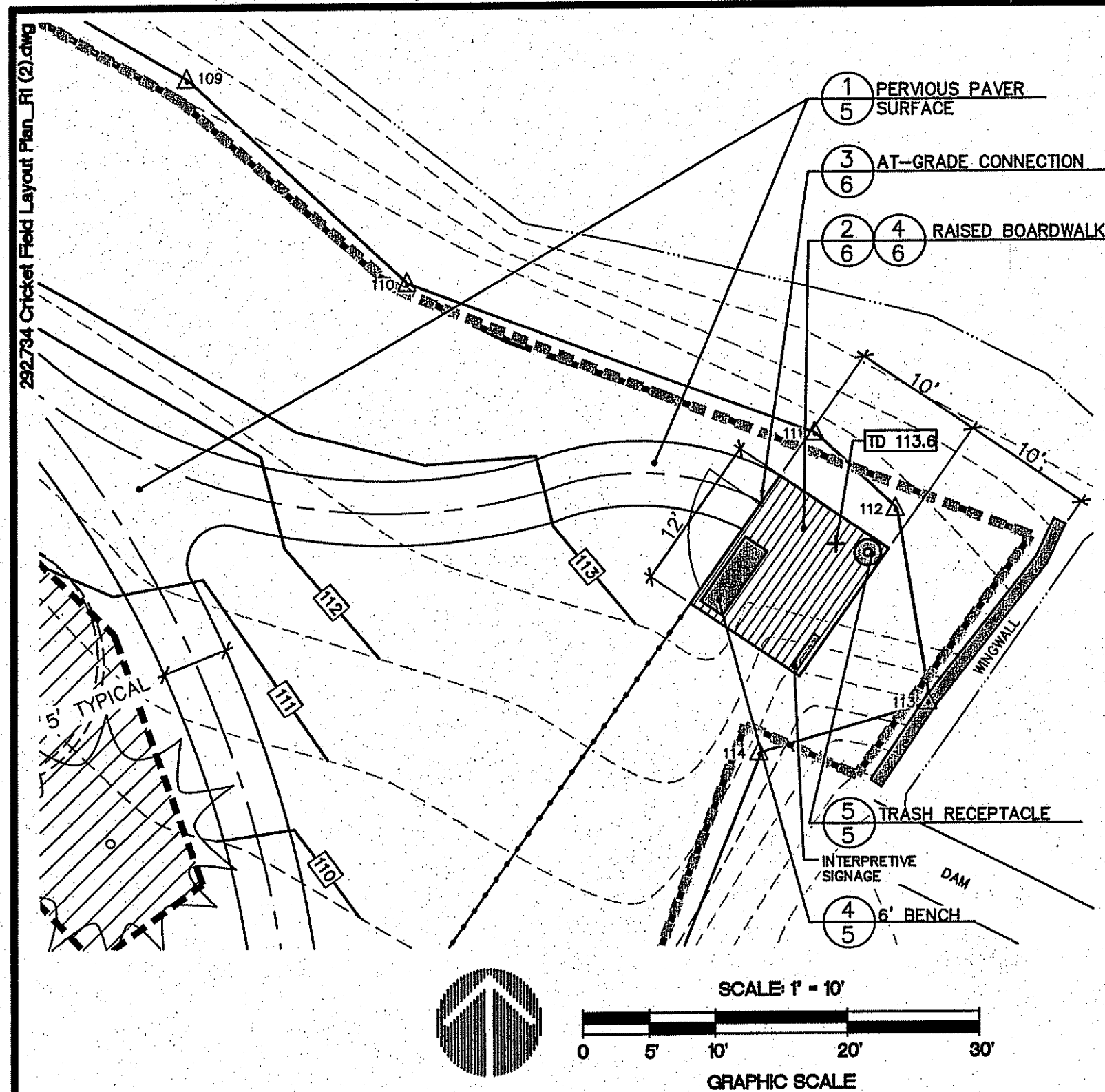
THE GIFFORD DESIGN GROUP, Inc.
 LANDSCAPE ARCHITECTURE
 ENVIRONMENTAL PLANNING
 4096 MENDON ROAD, CUMBERLAND, RHODE ISLAND 02864
 P H O N E (401) 671-6336 F A X (401) 671-6466

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED DEC 2 2 2011 FILE # 11-0174
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE
 Nancy L. Freeman

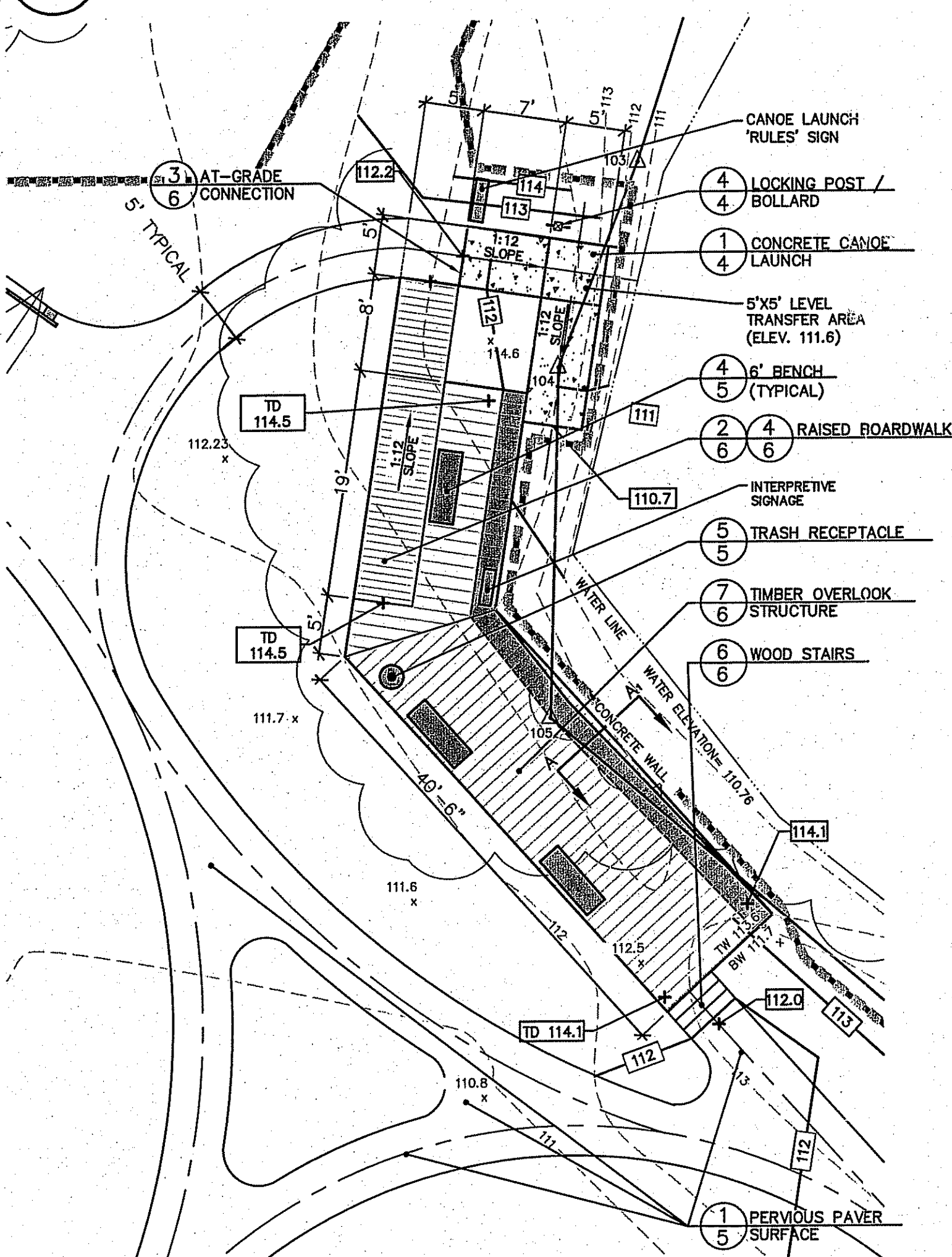
EXISTING CONDITIONS / SITE PREPARATION PLAN

ISSUED FOR PERMITTING

PROJECT NO. 292.734	DRAWING 1 OF 6
DATE: SEPTEMBER 2011	DRAWING NO. 1
SCALE: 1" = 30'	
DRAWN BY: KMA, WS	
CHECKED BY: KMA, GHG	



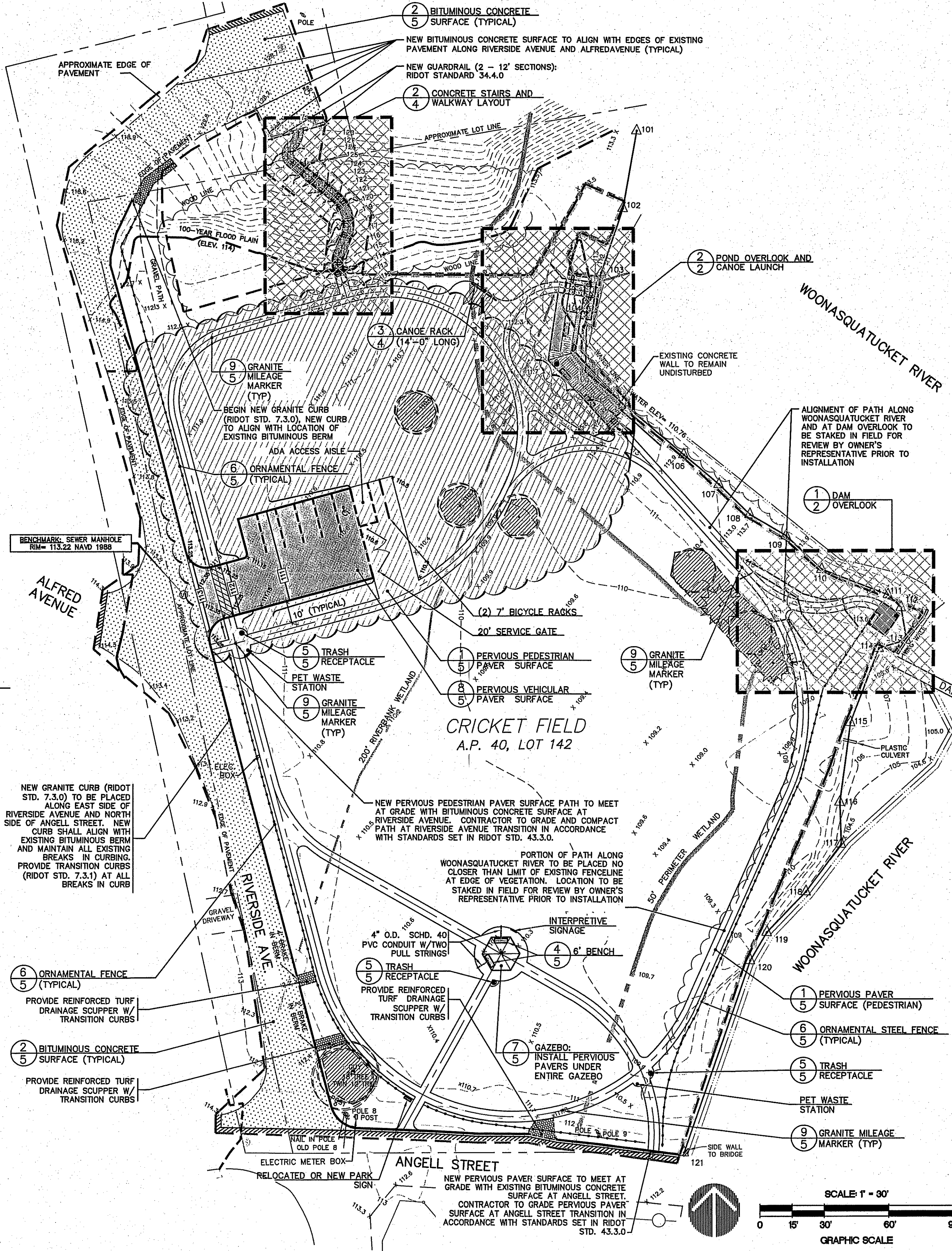
1 DAM OVERLOOK LAYOUT PLAN



2 POND OVERLOOK & CANOE LAUNCH

SURFACING AND SITE AMENITY LAYOUT NOTES:

- HORIZONTAL ALIGNMENT:**
- OVERALL HORIZONTAL ALIGNMENT OF WALKWAY INDICATED ON THIS PLAN IS INTENDED TO BE AN ACCURATE GUIDELINE. FINAL ALIGNMENT SHALL BE STAKED IN FIELD AND REVIEWED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- VERTICAL ALIGNMENT:**
- ALL WALKWAYS TO BE AT A SLOPE LESS THAN 5%. ALL AT GRADE PERVIOUS PEDESTRIAN PAVER WALK SURFACES WILL ALSO HAVE A 2% CROSS SLOPE FOR PROPER DRAINAGE.
- SITE AMENITY LAYOUT:**
- SITE AMENITY LOCATIONS ARE SHOWN FOR APPROXIMATE LOCATION ONLY. FINAL LOCATIONS TO BE DETERMINED BY OWNER. SUCH LOCATIONS SHALL BE WITHIN THE SPECIFIED LIMIT OF WORK.



LEGEND:

- APPROXIMATE OVERALL PROPERTY LINE
- EDGE OF WATER
- FLAGGED WETLAND EDGE
- 50 FOOT PERIMETER WETLAND
- 200 FOOT RIVERBANK WETLAND
- EXISTING MAJOR CONTOUR LINE
- EXISTING MINOR CONTOUR LINE
- EXISTING SPOT GRADE
- EXISTING TOP OF WALL
- EXISTING TREELINE
- EXISTING CHAIN LINK FENCE TO REMAIN
- EXISTING CONCRETE WALLS
- 100 YEAR FLOOD PLANE ELEVATION (ELEV. 114)
- LIMIT-OF-DISTURBANCE
- HAYBALE/SILTATION FENCE EROSION AND SILTATION CONTROL LINE
- PROPOSED ROOT ZONE PROTECTION
- PROPOSED CONTOUR LINE
- PROPOSED RAISED BOARDWALK
- PROPOSED BITUMINOUS CONCRETE SURFACE
- PROPOSED ORNAMENTAL STEEL FENCE
- 6\"/>

FLOOD PLAIN NOTES:

- THE SURVEY COMPLETED FOR THIS PLAN CONFORMS TO CLASS I STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS (SEE REFERENCES).
- EDGE FLAGGED BY THE GIFFORD DESIGN GROUP, INC.
- FLOOD PLANE ELEVATION:
 - A) FEMA FLOOD INSURANCE RATE MAP IS BASED ON NAVD88 DATUM AND IMPLIES THAT THIS PROJECT AREA FALLS WITHIN OR ADJACENT TO AN AREA OF FLOOD ZONE 'AE' AREA OF 100 YEAR FLOOD; BASE FLOOD ELEVATION DETERMINED: ELEVATION 114 (SEE REFERENCE).
 - B) THE EXISTING CONDITIONS TOPOGRAPHICAL INFORMATION SHOWN ON THESE PLANS IS BASED ON BENCHMARK SHOWN ON PLAN AND NAVD88 DATUM.
- THE PROJECT PROPOSES NO NEGATIVE IMPACT TO THE AE114 FLOOD PLANE THAT THE SITE LIES WITHIN. THE MINIMAL GRADING ALTERATIONS CALLED FOR WITHIN THE FLOOD PLAIN AND BELOW THE BFE (ELEV. 114) RESULT IN A NET CUT, NO FLOOD PLANE COMPENSATION WAS REQUIRED.

CUT / FILL

BASED UPON THE AREA / ELEVATION METHOD FOR CALCULATING CUT AND FILL VOLUMES THE FOLLOWING TABLES SUMMARIZE AND ILLUSTRATE THE CHANGES IN SITE VOLUMES ELEVATION BY ELEVATION:

Elev	Cut Area s.f.	Avg. Area s.f.	Depth ft.	Volume c.y.
109	0			
110	19	10	1	0.4
111	432	228	1	8.4
112	818	625	1	23.1
113	1297	1058	1	39.2
114	248	773	1	28.6
115	0	124	1	4.6
Total (c.y.)				104.2

FILL

Elev	fill area s.f.	avg. area s.f.	depth ft.	volume c.y.
109	0			
110	0	0	1	0.0
111	327	164	1	6.1
112	214	271	1	10.0
113	92	153	1	5.7
114	0	46	1	1.7
Total (c.y.)				23.4

TOTAL CUT: 104.2 CY
TOTAL FILL: 23.4 CY
SITE NET: 80.8 C.Y. CUT

No: 11-30-11
Revision: 12-15-11
Date: 12-15-11

REFERENCES:

EXISTING CONDITIONS AND TOPOGRAPHY: 'TOPOGRAPHIC SURVEY, PLAT 40, LOT 142, JOHNSTON, RHODE ISLAND', PREPARED FOR THE GIFFORD DESIGN GROUP, INC. BY: MARC N. NYBERG ASSOCIATES, INC.; SCALE: 1" = 30', DATED: August 31, 2011 W/Revisions Through SEPTEMBER 2, 2011

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BASE FLOOD ELEVATION: 'FIRM' FLOOD INSURANCE RATE MAP, PROVIDENCE COUNTY, RHODE ISLAND, PANEL 501 OF 451; MAP NUMBER: 44007C0301G 0010 C; EFFECTIVE DATE: MARCH 2, 2009.

CRICKET FIELD RENOVATION PLAN

A.P. 40, LOT 142
ANGELL STREET
JOHNSTON, RI

APPLICANT:
THE TOWN OF JOHNSTON

JEFFREY C. HANSON
No. 5238
12-15-11
REGISTERED PROFESSIONAL ENGINEER

THE GIFFORD DESIGN GROUP, Inc.
LANDSCAPE ARCHITECTURE
ENVIRONMENTAL PLANNING
4096 MENDON ROAD, CUMBERLAND, RHODE ISLAND 02864
PHONE (401) 671-6336 FAX (401) 671-6466

MILLSTONE ENGINEERING, P.C.
OFFICE OF ENVIRONMENTAL MANAGEMENT
FRESHWATER WETLANDS PROGRAM
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SITE LAYOUT AND GRADING PLAN

ISSUED FOR PERMITTING

PROJECT NO. 292.734 DRAWING 2 OF 6
DATE: SEPTEMBER 2011 DRAWING NO:
SCALE: 1" = 30'
DRAWN BY: KMA, WS
CHECKED BY: KMA, GHG

2



No.	Revision:	Date:
1	Plant quantities	11-30-11
Environmental Management		
DEC 7 2011		
Office of Water Resources		

REFERENCES:
 EXISTING CONDITIONS AND TOPOGRAPHY:
 TOPOGRAPHIC SURVEY, PLAT 40, LOT 142, JOHNSTON, RHODE ISLAND;
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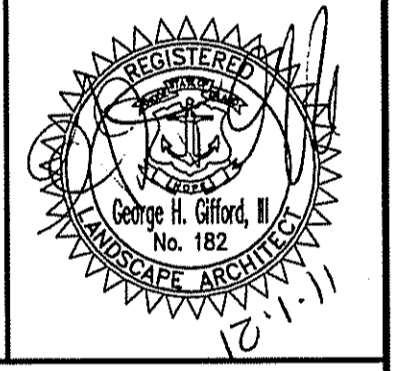
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 SCALE: 1" = 30', DATED: September 21, 2009
 W/Revisions Through JANUARY 24, 2009

BASE FLOOD ELEVATION:
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CRICKET FIELD RENOVATION PLAN

A.P. 40, LOT 142
 ANGELL STREET
 JOHNSTON, RI

APPLICANT:
 THE TOWN OF JOHNSTON



THE GIFFORD DESIGN GROUP, Inc.
 LANDSCAPE ARCHITECTURE
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 4936 MENDON ROAD, CUMBERLAND, RHODE ISLAND 02864
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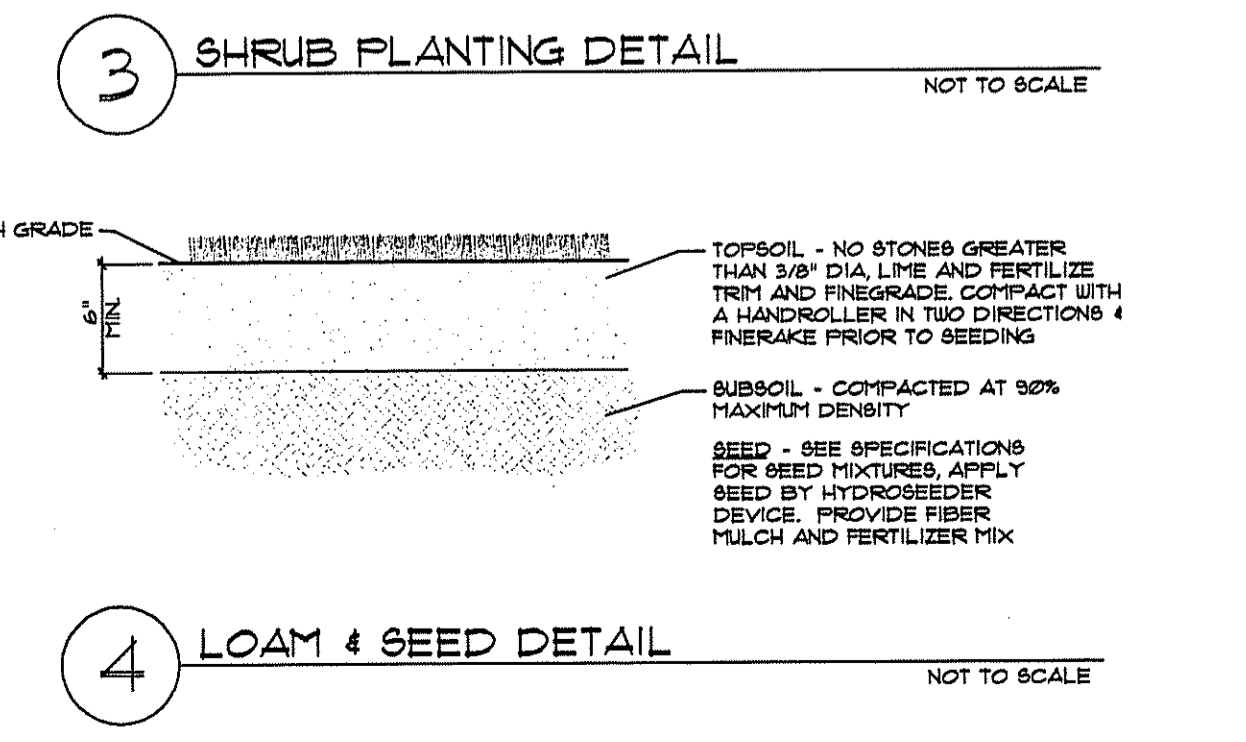
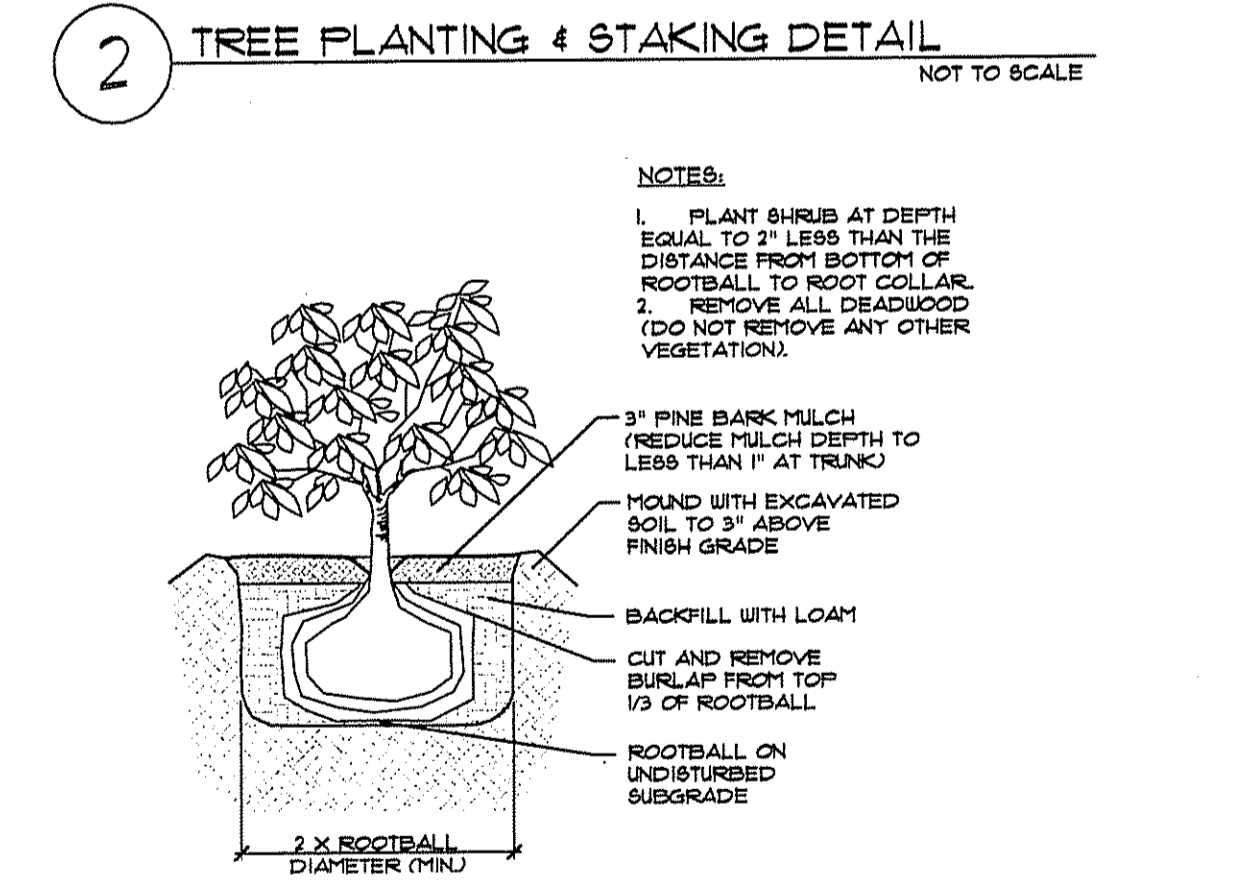
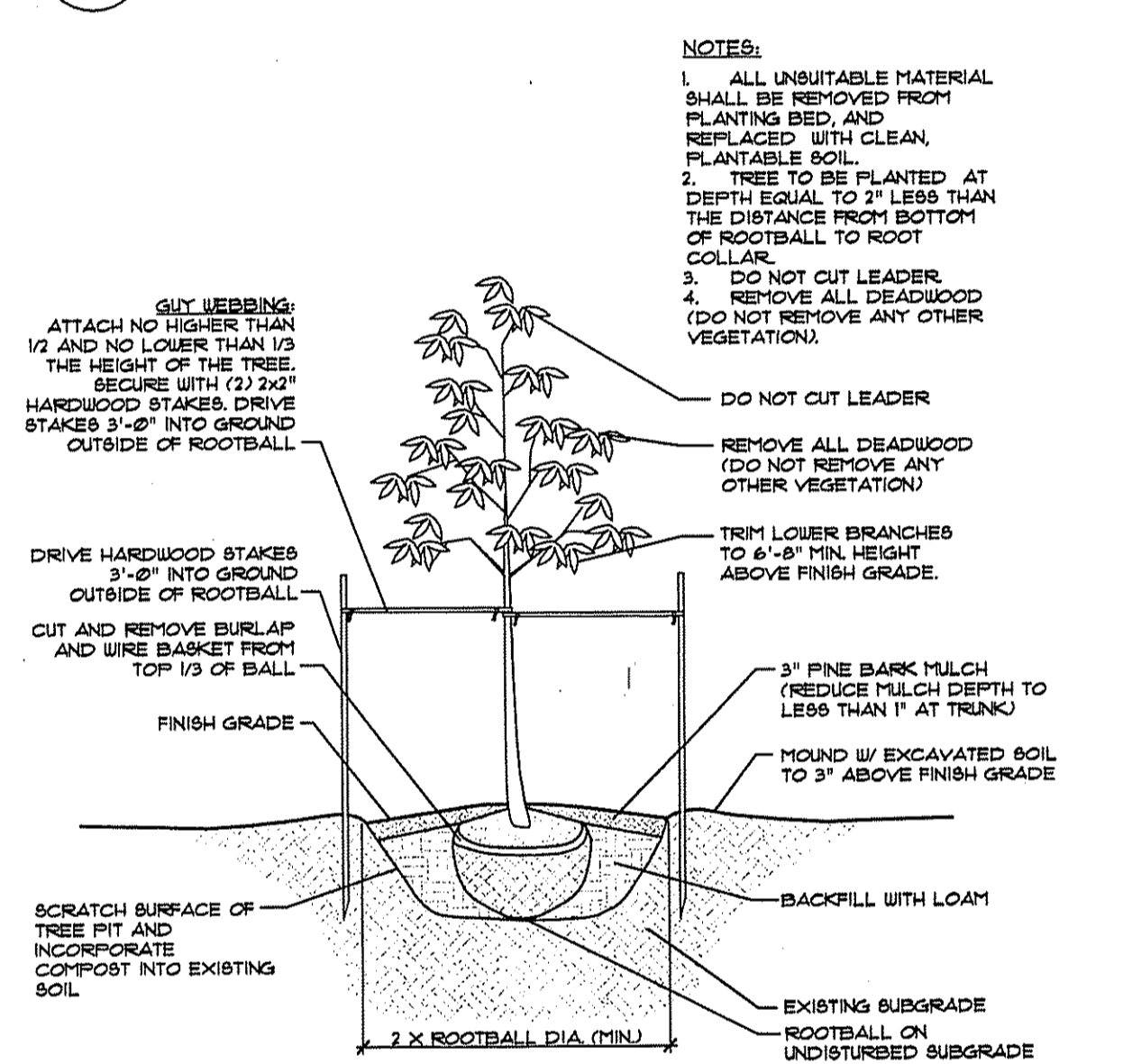
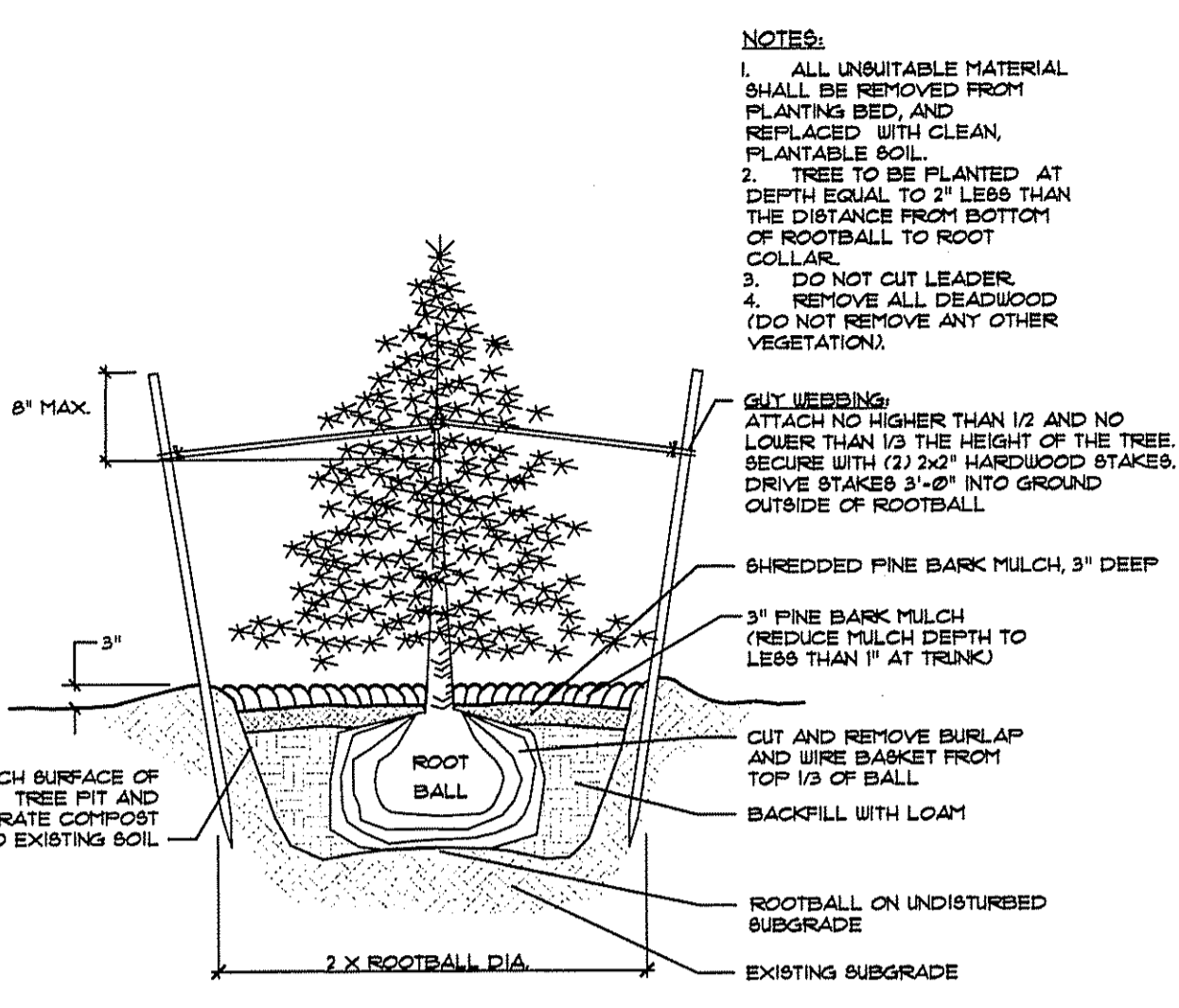
PLANTING PLAN

ISSUED FOR PERMITTING

PROJECT NO. 292.734	DRAWING 3 OF 6
DATE: SEPTEMBER 2011	DRAWING NO:
SCALE: 1" = 30'	
DRAWN BY: KMA, WS	
CHECKED BY: KMA, GHG	

LEGEND:

- APPROXIMATE OVERALL PROPERTY LINE
- EDGE OF WATER
- FLAGGED WETLAND EDGE
- 50 FOOT PERIMETER WETLAND
- 200 FOOT RIVERBANK WETLAND
- EXISTING MAJOR CONTOUR LINE
- EXISTING MINOR CONTOUR LINE
- EXISTING TREELINE
- EXISTING CHAIN LINK FENCE TO REMAIN
- EXISTING CONCRETE WALLS
- 100-YEAR FLOOD PLAN (ELEV. 114)
- 100 YEAR FLOOD PLANE ELEVATION
- LIMIT-OF-DISTURBANCE
- HAYBALE/SILTATION FENCE EROSION AND SILTATION CONTROL LINE
- PROPOSED ROOT ZONE PROTECTION
- PROPOSED CONTOUR LINE
- PROPOSED PAVEMENT PAYER PATH
- PROPOSED ORNAMENTAL STEEL FENCE
- BENCH (SEE PLAN FOR LOCATIONS)
- TRASH RECEPTACLE (SEE PLAN FOR LOCATIONS)
- CHANGE RACK (SEE PLAN FOR LOCATIONS)
- EXISTING TREES TO REMAIN AND BE PROTECTED WITHIN LIMIT-OF-DISTURBANCE
- PROPOSED DECIDUOUS TREE
- PROPOSED SHRUB MASSING

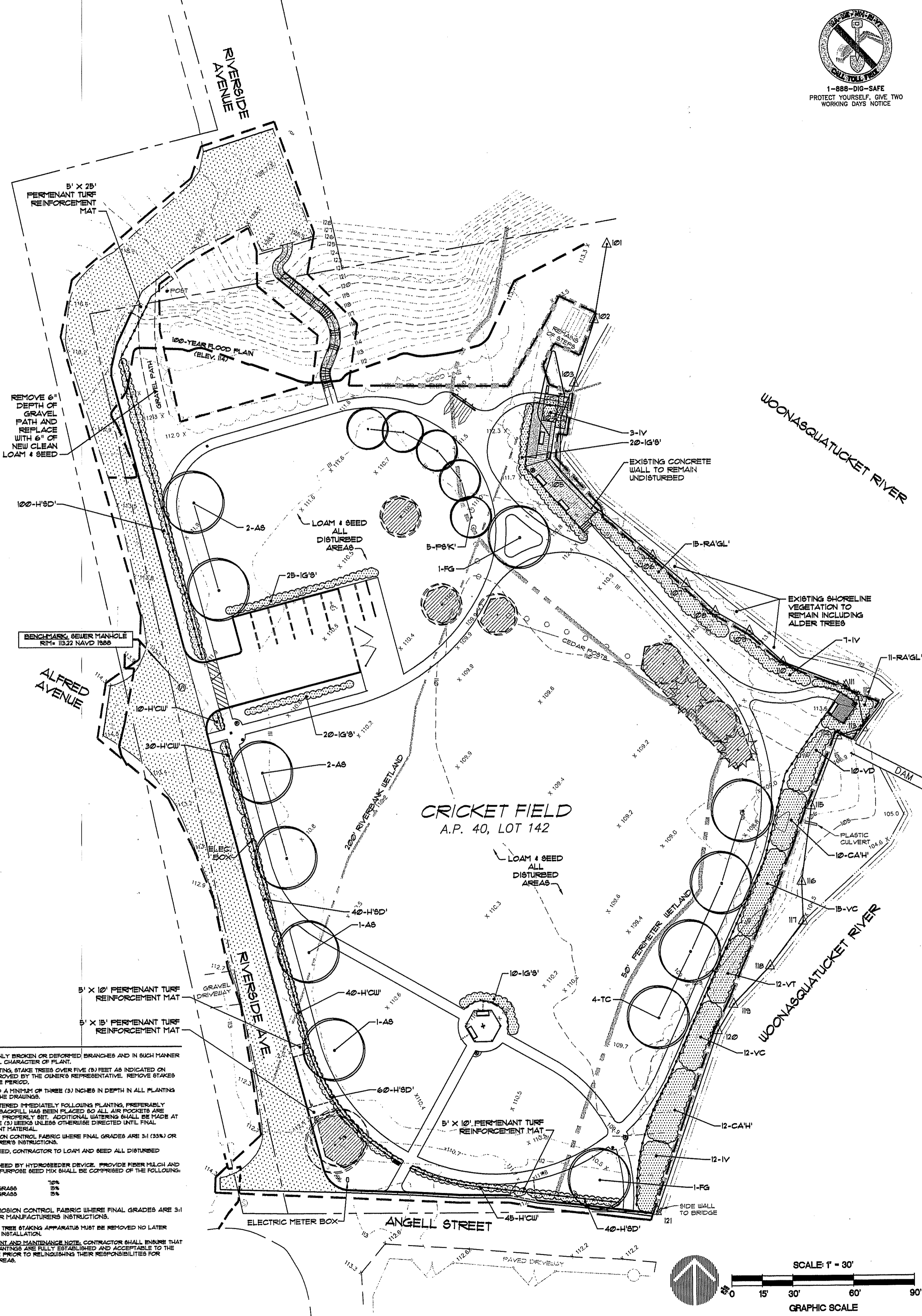


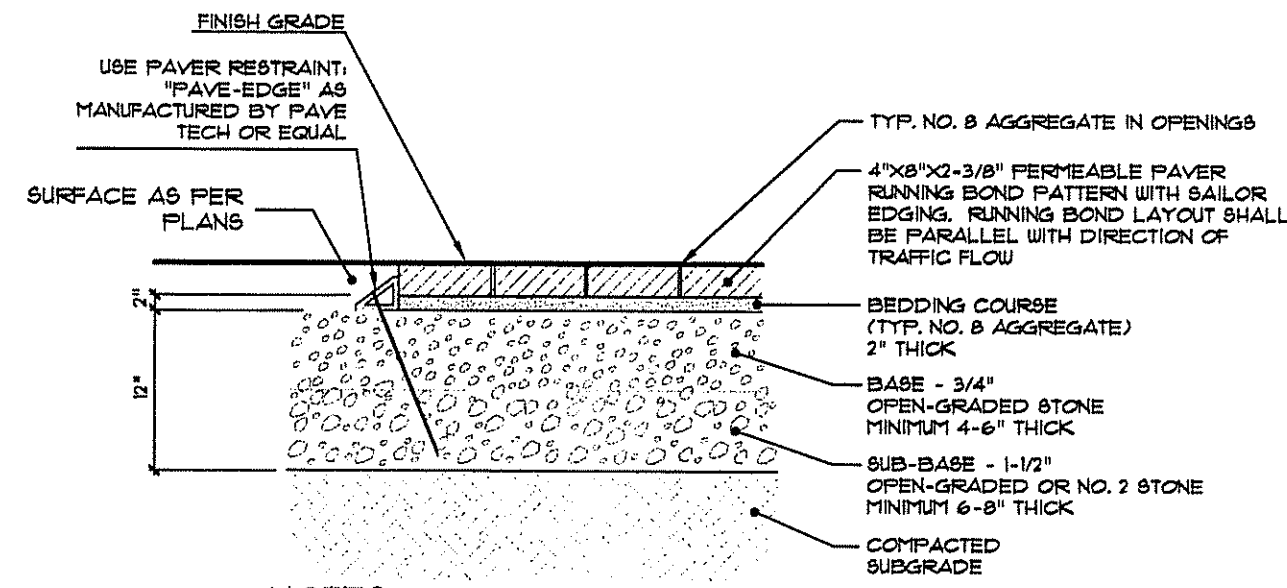
PLANT SCHEDULE

Key	Botanical Name / Common Name	Size	Qty	Comment
AS	ACER SACCHARINUM Sugar Maple	2'-25" Cal.	6	B4B
CAH	CLETHRA ALNIFOLIA 'Hammingbird'	2 (2 Gal)	22	Container Plant 6" o.c.
FG	FAGUS GRANDIFOLIA American Beech	3.5"-4" Cal.	2	B4B
HCU	HEBERICALLIS 'Catherine Woodbury'	1 Quart	125	Container
H8D	HEBERICALLIS 'Sheila D 'Oro'	1 Quart	240	Container
IG9	ILEX GLABRA 'Shenrock'	18"-24"	15	B4B Plant 4" o.c.
IV	ILEX VERTICILLATA Winterberry	18"-24"	2	1 Male per Planting Plant 6" o.c.
PK	PRUNUS BERRULATA 'Kiezen'	2'-25" Cal.	5	B4B
RA9L	RUBUS AROMATICUS 'Gross Lo'	2 (2 Gal)	26	Container Plant 6" o.c.
TC	TILIA CORDATA Little Leaf Linden	2'-25" Cal.	4	B4B
VC	VACCINIUM CORNIBOSUM Highbush Blueberry	18"-24"	21	B4B Plant 6" o.c.
VD	VIBURNUM DENTATUM Arrowwood Viburnum	18"-24"	10	B4B Plant 6" o.c.
VT	VIBURNUM TRICOLORUM American Cranberry Bush	18"-24"	12	B4B Plant 6" o.c.

LANDSCAPE NOTES:

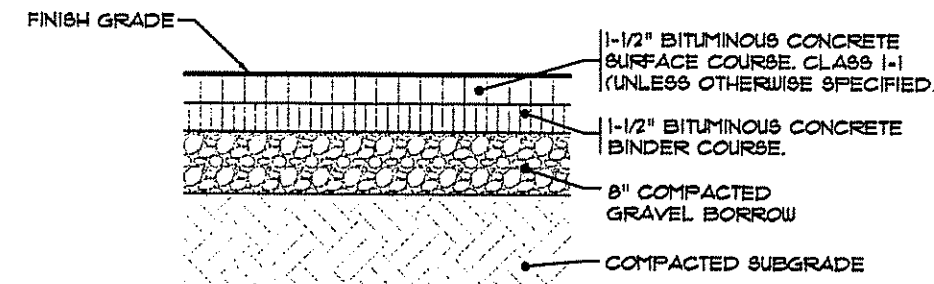
- GUARANTEE THAT, UPON COMPLETION AND FINAL ACCEPTANCE, LANDSCAPE PLANTINGS CONFORM TO REQUIREMENTS OF CONTRACT DOCUMENTS. PROVIDE A WARRANTY FOR TREE PLANTINGS FOR A PERIOD OF ONE (1) YEAR INCLUDING ONE (1) CONTINUOUS GROWING SEASON. CONFIRM WARRANTY ON DATE IDENTIFIED IN THE CERTIFICATE OF FINAL COMPLETION.
- REPLACEMENTS: PLANTS OF SAME SIZE AND SPECIES AS SPECIFIED, PLANTED IN THE NEXT GROWING SEASON, WITH NEW WARRANTY AND EXTENDED MAINTENANCE SERVICE CORRESPONDING TO THE DATE OF REPLACEMENT.
- PLANT MATERIALS SHALL BE OF SIZE AND CALIBER REQUIRED AND CONFORM TO THE REQUIREMENTS DESCRIBED IN THE LATEST EDITION OF AGRICULTURAL STANDARDS FOR UNWEEDING, SOON PROVIDED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
- PLANTS OF OTHER KINDS THAN THOSE NAMED IN THE PLANT SCHEDULE SHALL NOT BE ACCEPTED WITHOUT THE WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE. MONTHS PROVIDED THERE IS NO PROOF IN THE GROUND AND PROST-FREE TOPSOIL PLANTING MIXTURES ARE USED.
- UNLESS OTHERWISE APPROVED BY THE A/E, ALL PLANTS SHALL BE NUMBERED GROWN IN ACCORDANCE WITH LOCAL HORTICULTURAL PRACTICES AND SHALL HAVE BEEN GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT FOR AT LEAST 180 (180) DAYS.
- GET PLANTS PLUMP AND AT SUCH A LEVEL THAT AFTER SETTLEMENT THEY BEAR THE SAME RELATIONSHIP TO THE SURFACE AS THEY BORE TO THE GROUND FROM WHICH THEY WERE TAKEN. ACCORDANT MATERIAL FOR PLANTS, THOROUGHLY & PROPERLY, BY FIRING OR TAPPING. ACCORDANT BACKFILLING WITH THOROUGH WATERING (AFTER MONTHS PROVIDED THERE IS NO PROOF IN THE GROUND AND PROST-FREE TOPSOIL PLANTING MIXTURES ARE USED).
- FERTILIZE SHRUB BEDS WITH 10-4-4 FERTILIZER AT THE RATE OF 3 POUNDS PER 100 SQUARE FEET OF SURFACE AREA. BROAD CAST. APPLY THE FERTILIZER UNIFORMLY TO THE SURFACE AND WORK INTO THE UPPER 2 INCHES OF SOIL. FERTILIZE INDIVIDUAL TREES AT THE RATE OF ONE (1) POUND PER INCH OF TREE DIAMETER FOLLOWING MANUFACTURER'S DIRECTIONS. APPLY A REGULAR APPLICATION OF FERTILIZER TO ALL PLANT TIPS AT THE SAME SPECIFIED RATES OVER THE MULCH AT THE END OF AN EIGHT WEEK PERIOD.
- CONTAINER GROWN MATERIALS: REMOVE PLANT FROM CONTAINER AND "BUTTERFLY" ROOT BALL OR OTHERWISE BRUSH ROOTS ON SETTING MOUND. BACKFILL SHALL BE SIFTED THROUGH THEM AND SOLIDLY FIRRED.
- AFTER PLANTING PRUNE ONLY BROKEN OR DEFORMED BRANCHES AND IN SUCH MANNER AS TO PRESERVE NATURAL CHARACTER OF PLANT.
- IMMEDIATELY AFTER PLANTING STAKE TREES OVER FIVE (5) FEET AS INDICATED ON DETAIL DRAWING OR APPROVED BY THE OWNER'S REPRESENTATIVE. REMOVE STAKES AT THE END OF GUARANTEE PERIOD.
- MULCH SHALL BE APPLIED A MINIMUM OF THREE (3) INCHES IN DEPTH IN ALL PLANTING BEDS, AS INDICATED ON THE DRAWINGS.
- THE PLANTS SHALL BE WATERED IMMEDIATELY FOLLOWING PLANTING, PREFERABLY WITH TWO THIRDS OF THE BACKFILL HAS BEEN PLACED SO ALL AIR Pockets ARE REMOVED AND THE PLANT PROPERLY SET. ADDITIONAL WATERING SHALL BE MADE AT LEAST ONCE EVERY THREE (3) WEEKS UNLESS OTHERWISE DIRECTED UNTIL FINAL ACCEPTANCE OF THE PLANT MATERIAL.
- INITIALLY, LATE WINTER EROSION CONTROL FABRIC WHERE FINAL GRADES ARE 3% (3%) OR GREATER PER MANUFACTURER'S INSTRUCTIONS.
- UNLESS OTHERWISE SPECIFIED, INSTRUCTIONS TO LOAM AND SEED ALL DISTURBED AREAS.
- SEED MIXTURE: APPLY SEED BY HYDROSEEDER DEVICE. PROVIDE FIBER MULCH AND FERTILIZER MIX GENERAL PURPOSE SEED MIX SHALL BE COMPOSED OF THE FOLLOWING:
 - SEED MIXTURE: 50%
 - KENTUCKY BLUEGRASS: 20%
 - PERENNIAL RYEGRASS: 30%
- INSTALL "LUTE MESH" EROSION CONTROL FABRIC WHERE FINAL GRADES ARE 3% (3%) OR GREATER PER MANUFACTURER'S INSTRUCTIONS.
- STAKE STAKES NOTE: ANY TREE STAKES APPARATUS MUST BE REMOVED NO LATER THAN ONE YEAR (1) AFTER INSTALLATION.
- LANDSCAPE ESTABLISHMENT AND MAINTENANCE NOTE: CONTRACTOR SHALL ENSURE THAT ALL LAWN AREAS AND PLANTINGS ARE FULLY ESTABLISHED AND ACCEPTABLE TO THE OWNER'S REPRESENTATIVE PRIOR TO RELINQUISHING THEIR RESPONSIBILITIES FOR MAINTENANCE OF THESE AREAS.



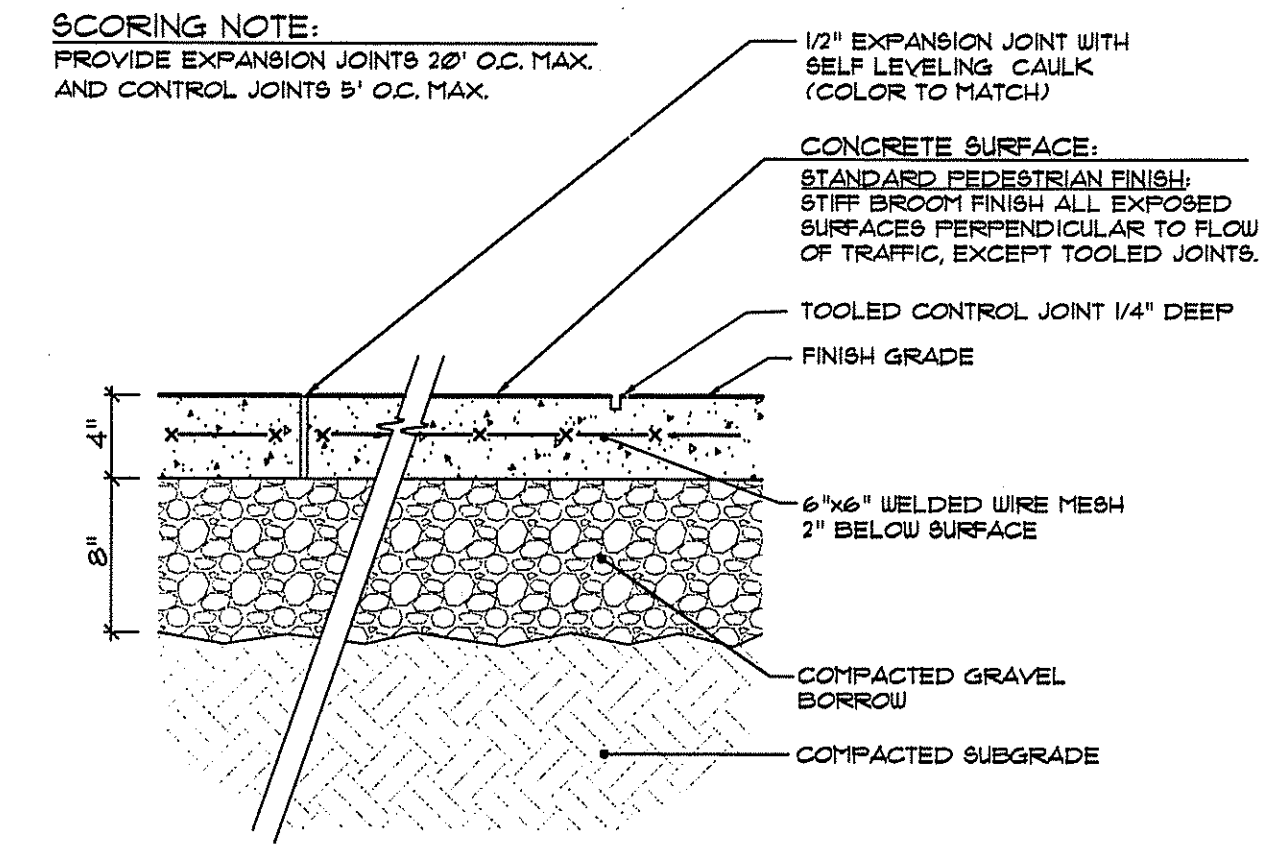


- NOTES:**
1. CONTRACTOR SHALL PROVIDE SAMPLES INDICATING COLOR, SIZE AND PATTERN OF PAVERS FOR REVIEW BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
 2. WHEN INSTALLED, BLOCKS SHALL HAVE A MINIMUM VOID RATIO OF 15%.
 3. INSTALL AS PER MANUFACTURER'S SPECIFICATIONS.

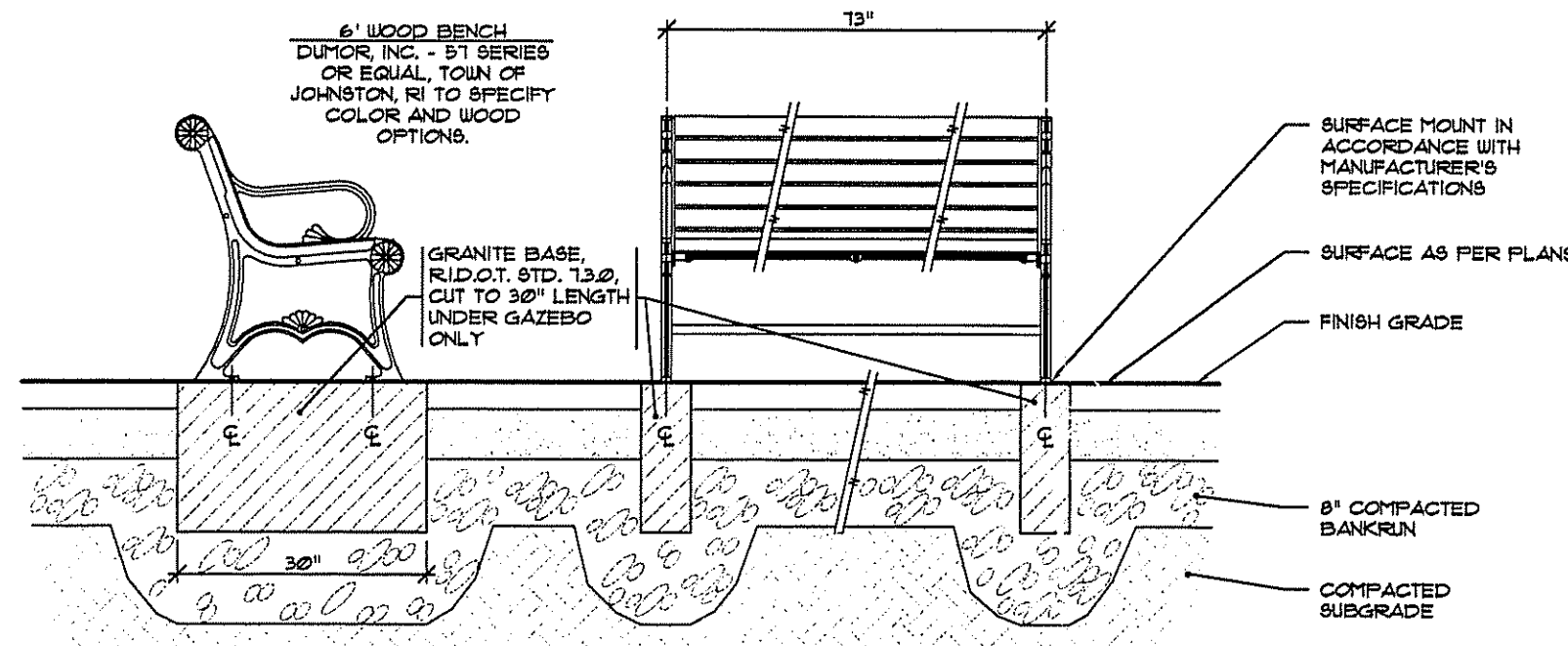
1 PERVIOUS PEDESTRIAN PAVEMENT SURFACE NOT TO SCALE



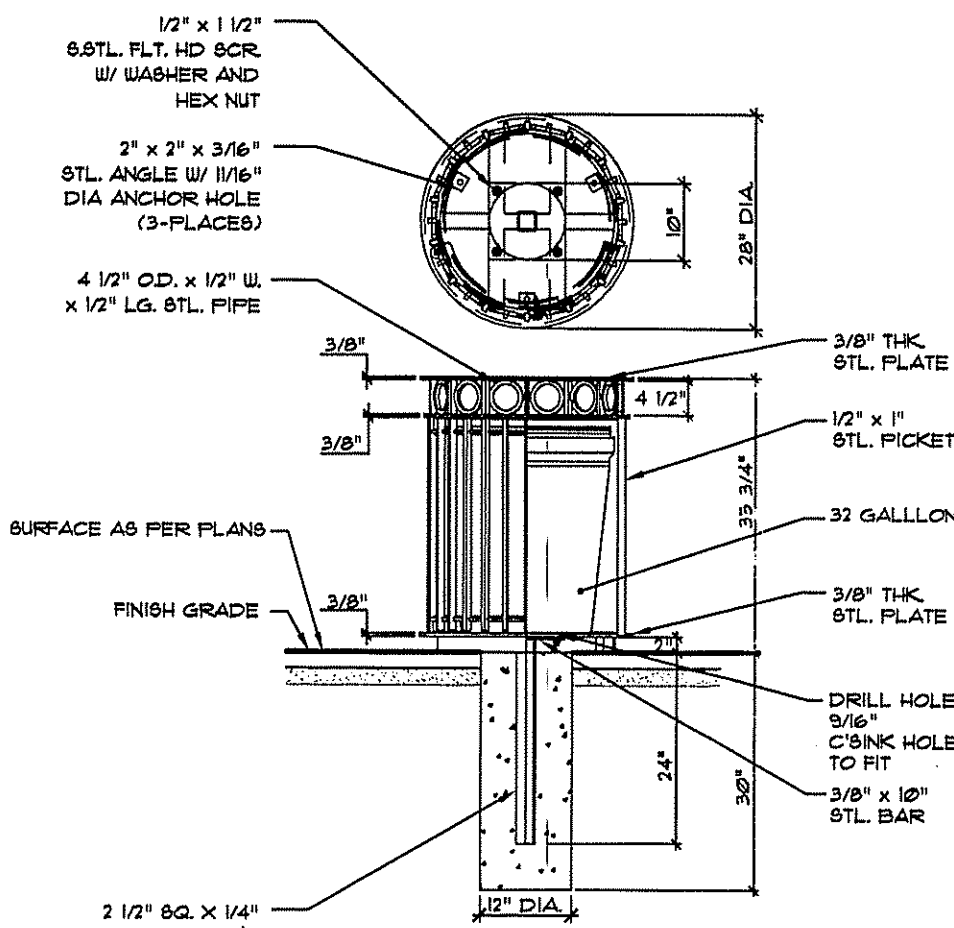
2 BITUMINOUS CONCRETE VEHICULAR SURFACE NOT TO SCALE



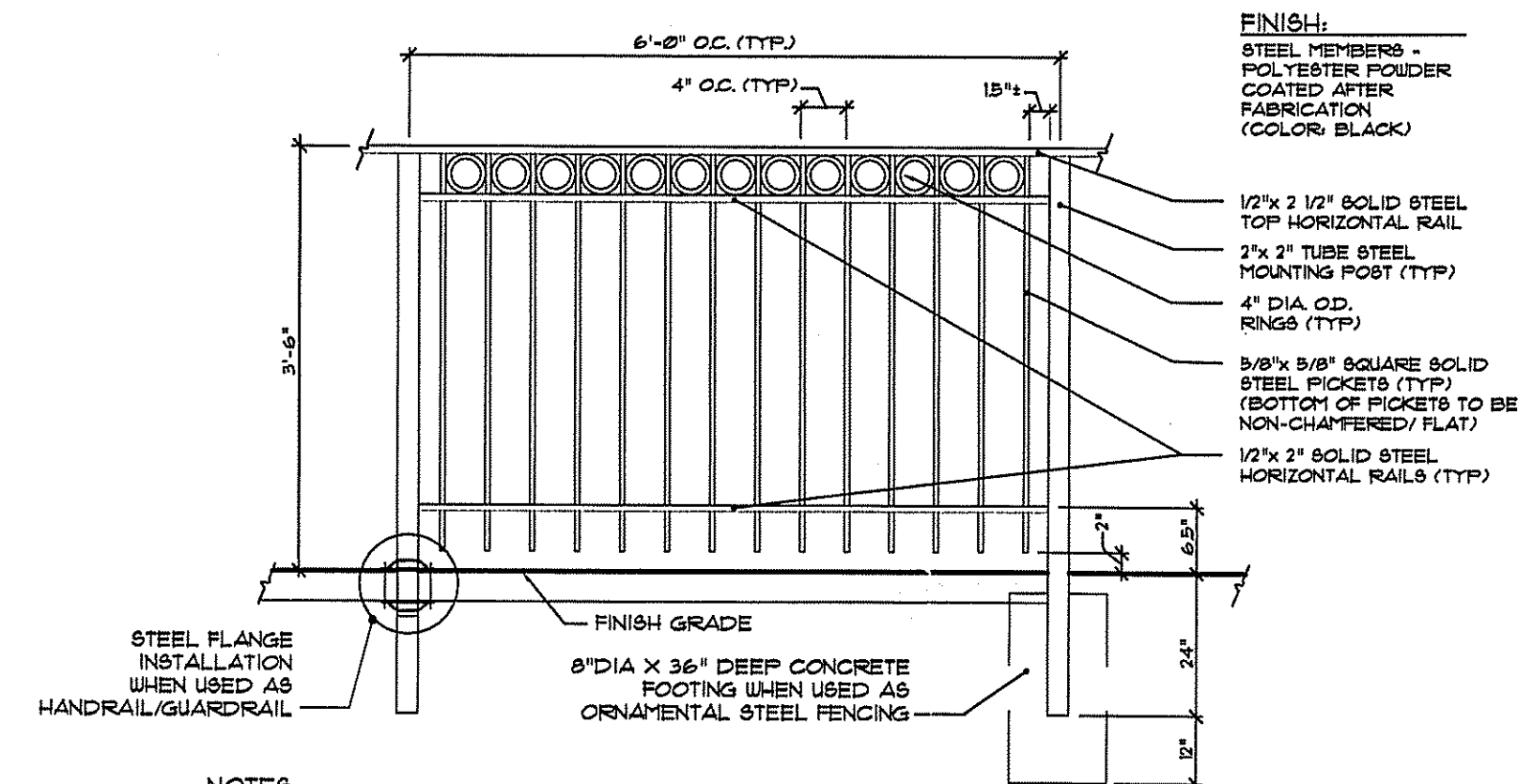
3 CONCRETE WALK SURFACE NOT TO SCALE



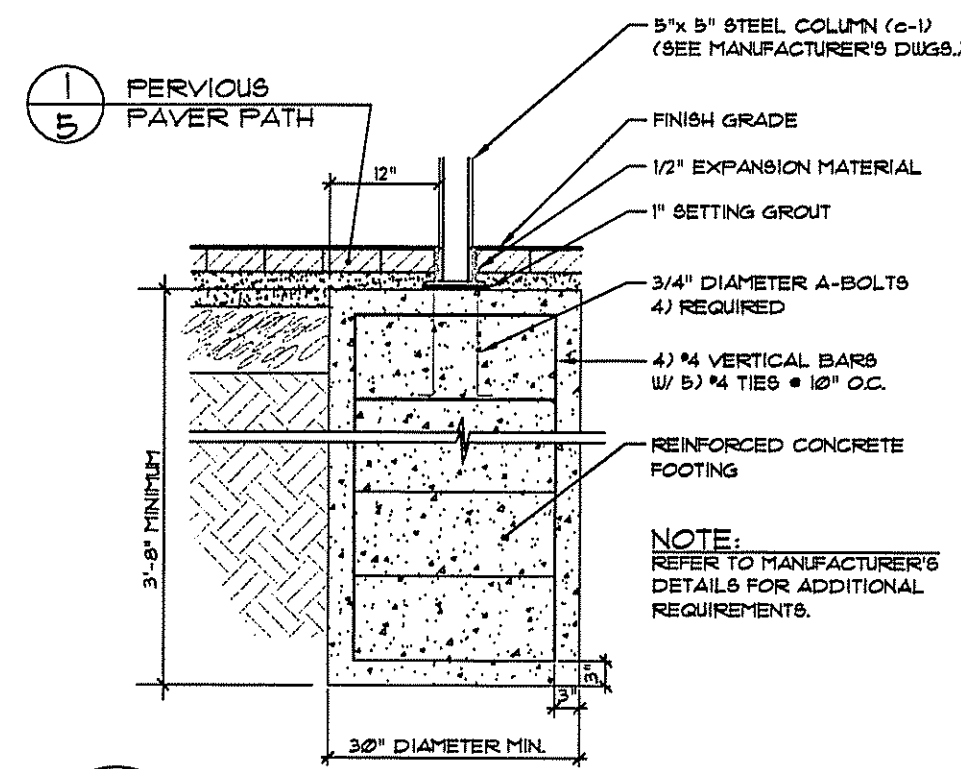
4 6' ORNAMENTAL BENCH NOT TO SCALE



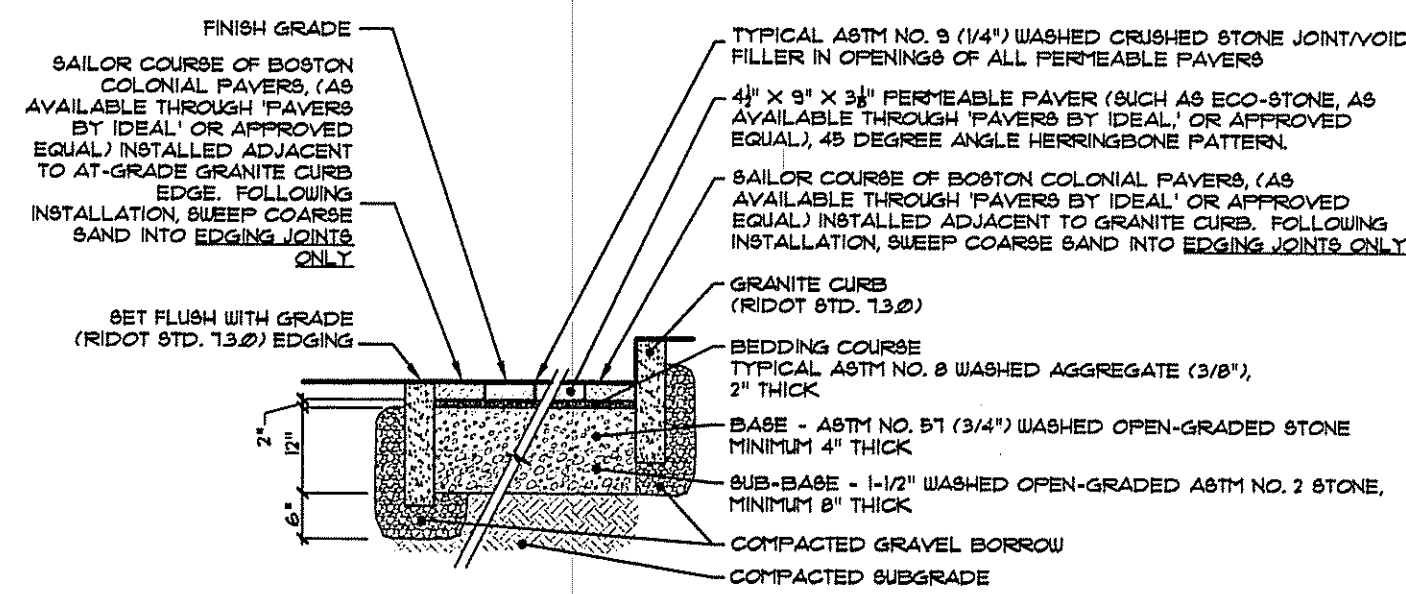
5 TRASH RECEPTACLE NOT TO SCALE



6 ORNAMENTAL STEEL FENCE/GUARDRAIL NOT TO SCALE

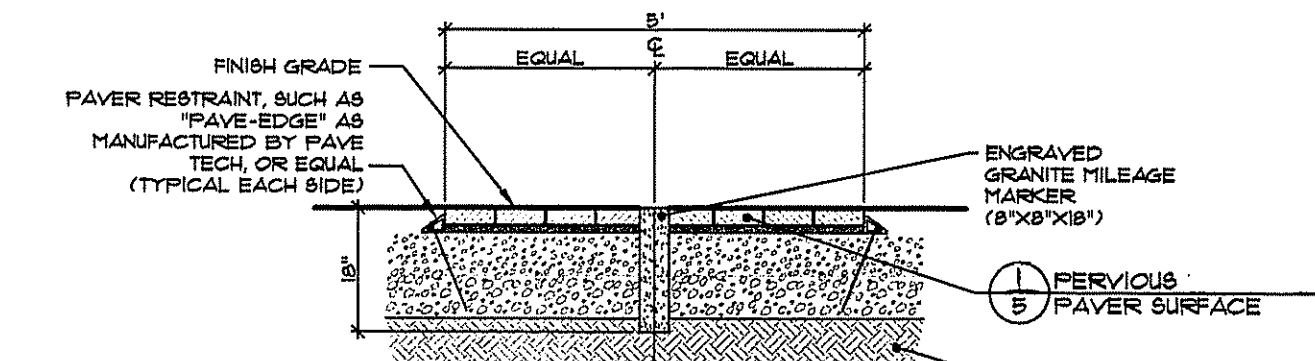


7 GAZEBO POST FOOTING NOT TO SCALE



- NOTES:**
1. COLOR BY OWNER. CONTRACTOR SHALL PROVIDE SAMPLES INDICATING COLOR, SIZE AND PATTERN OF PAVERS FOR REVIEW BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
 2. WHEN INSTALLED, BLOCKS SHALL HAVE A MINIMUM VOID RATIO OF 15%.
 3. INSTALL AS PER MANUFACTURER'S SPECIFICATIONS.

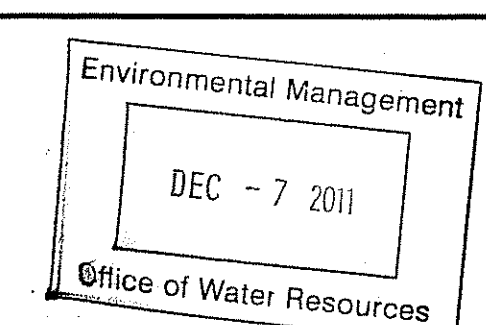
8 PERVIOUS VEHICULAR PAVEMENT SURFACE NOT TO SCALE



- NOTES:**
1. GRANITE MARKERS SHALL BE SMOOTH, THERMAL FINISH ALL SIDES. CONTRACTOR SHALL PROVIDE SAMPLES INDICATING COLOR, SIZE AND DRAWINGS OF GRANITE MARKERS FOR REVIEW BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
 2. WHEN INSTALLED, TOP OF MARKERS SHALL BE FLUSH WITH ELEVATION OF SURROUNDING PAVERS.

9 GRANITE MILEAGE MARKER NOT TO SCALE

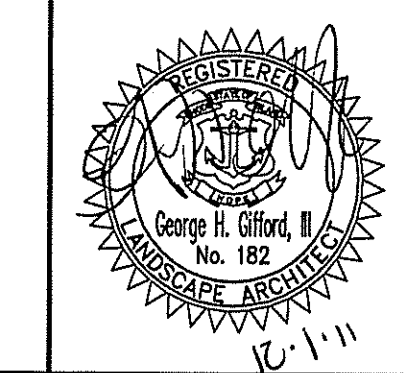
No.	Revision:	Date:
1	Added pervious vehicular paver surface & granite mileage marker	11-30-11



CRICKET FIELD RENOVATION PLAN

A.P. 40, LOT 142
ANGELL STREET
JOHNSTON, RI

APPLICANT:
THE TOWN OF JOHNSTON



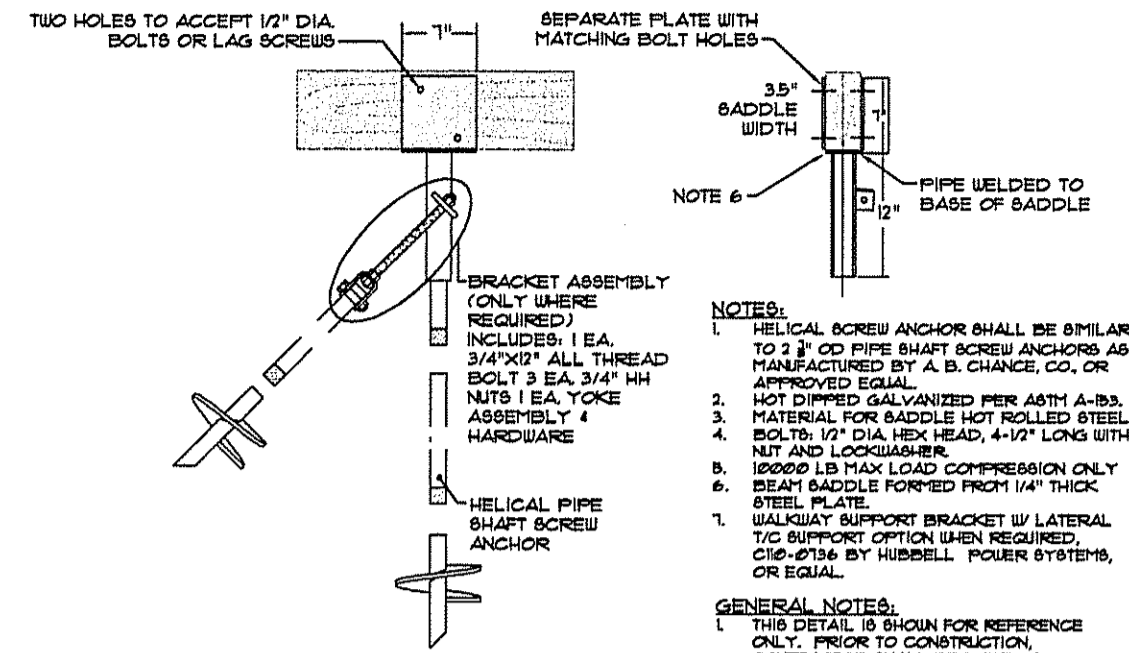
THE GIFFORD DESIGN GROUP, Inc.
LANDSCAPE ARCHITECTURE
ENVIRONMENTAL PLANNING
4896 MENDON ROAD, CUMBERLAND, RHODE ISLAND 02864
PHONE (401) 671-4335 FAX (401) 671-6466

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WATER QUALITY DIVISION
APPROVED WITH COMMENTS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED **DEC 22 2011** FILE # **11-0174**
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Fernald

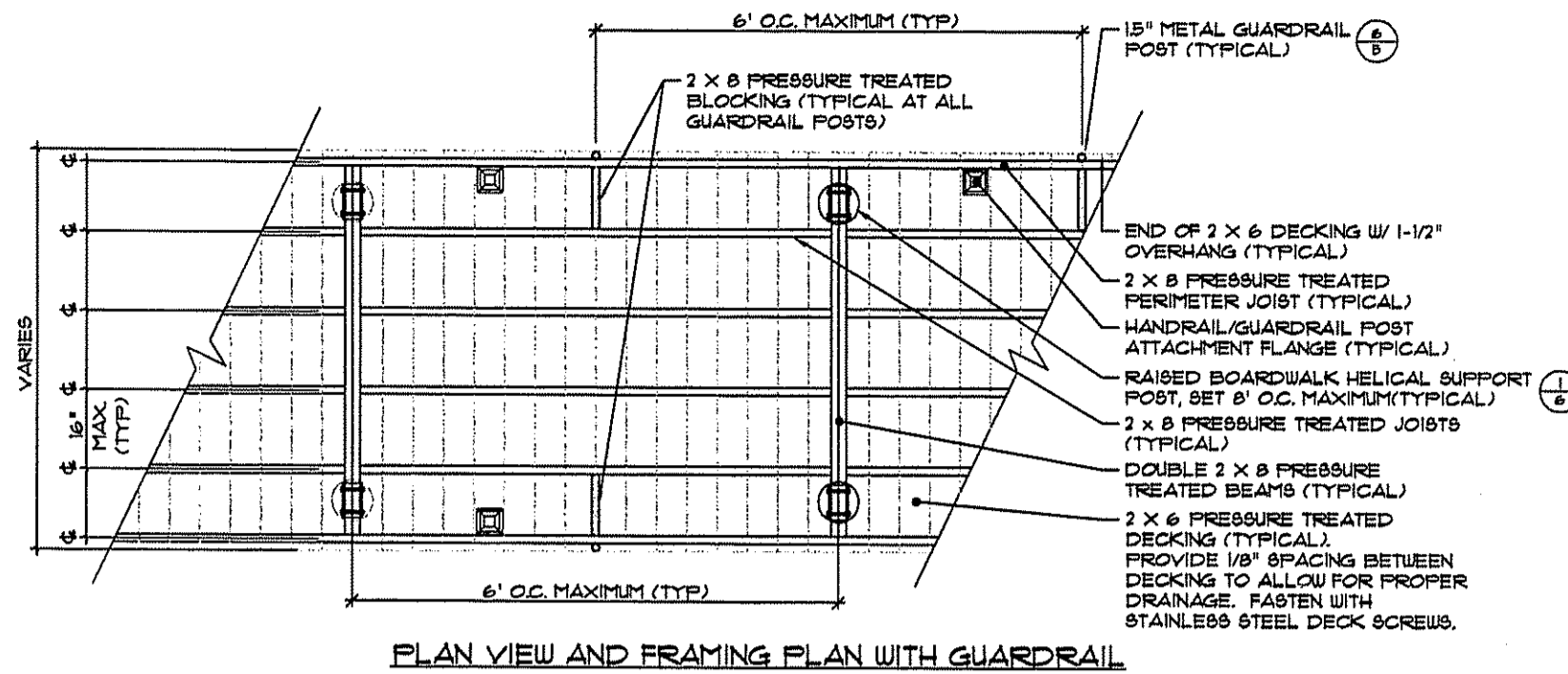
DETAILS 2

ISSUED FOR PERMITTING

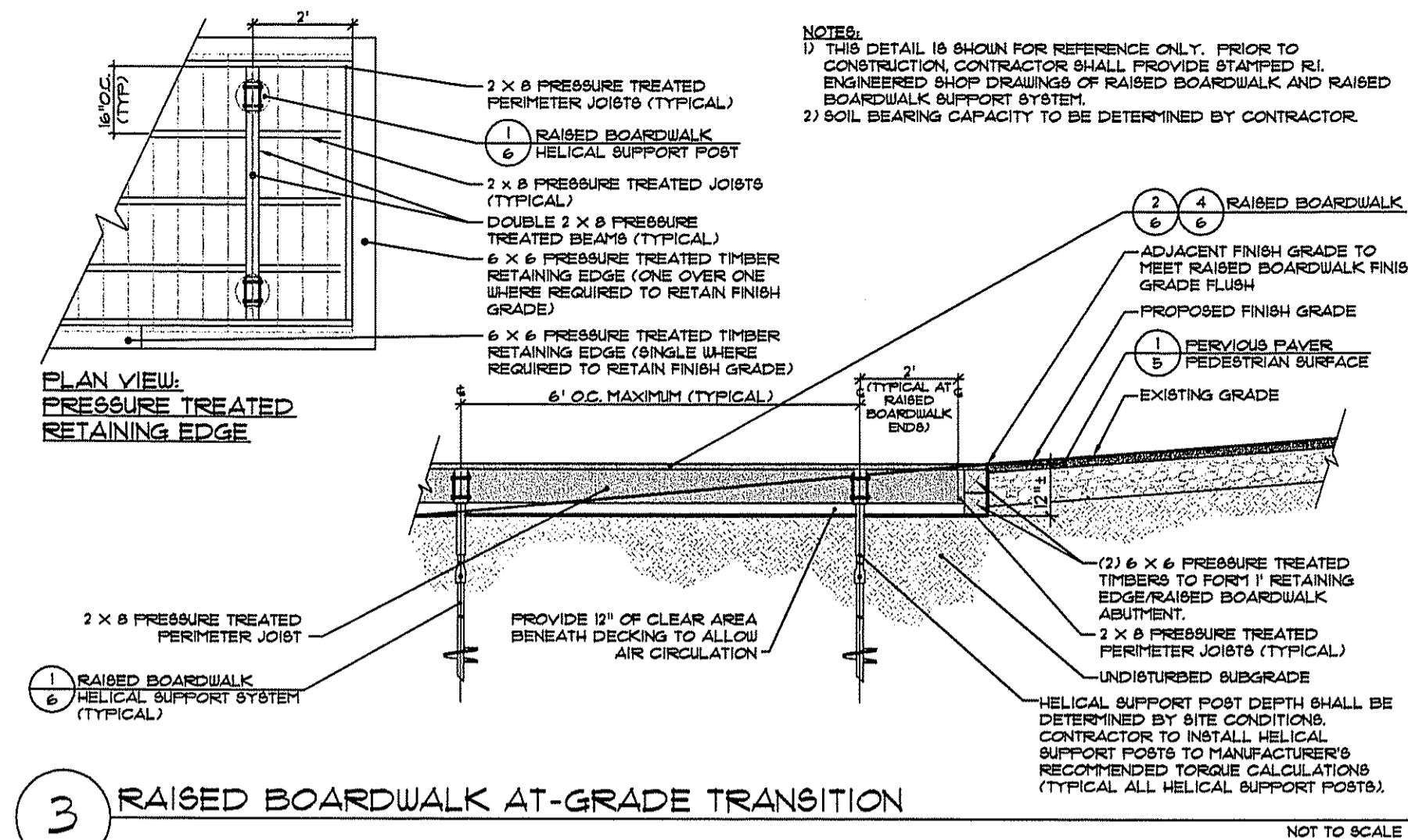
PROJECT NO. 292.734	DRAWING 5 OF 6
DATE: SEPTEMBER 2011	DRAWING NO:
SCALE: AS SHOWN	5
DRAWN BY: KMA, WS	CHECKED BY: KMA, GHG



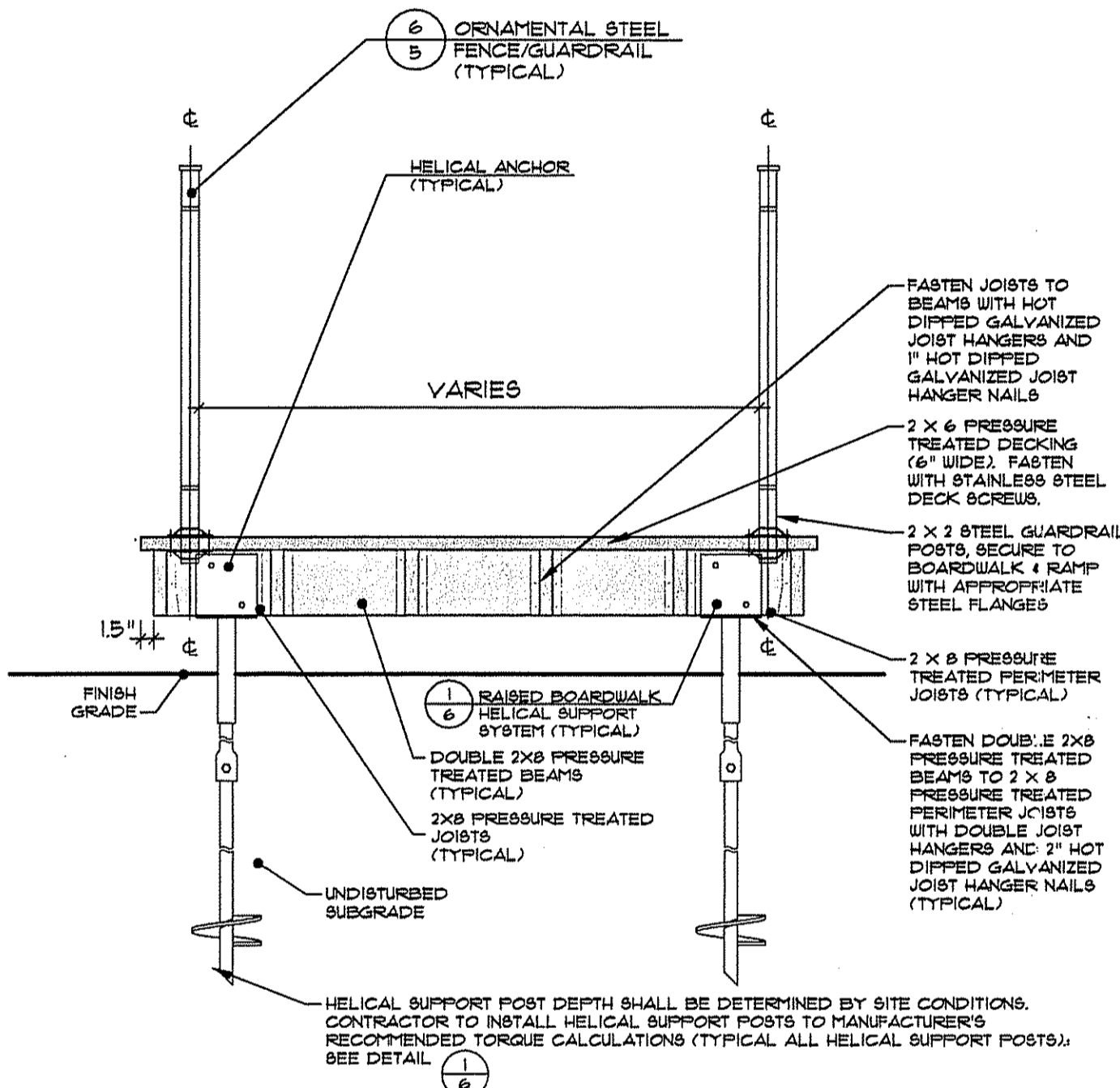
1 HELICAL ANCHOR DETAIL
NOT TO SCALE



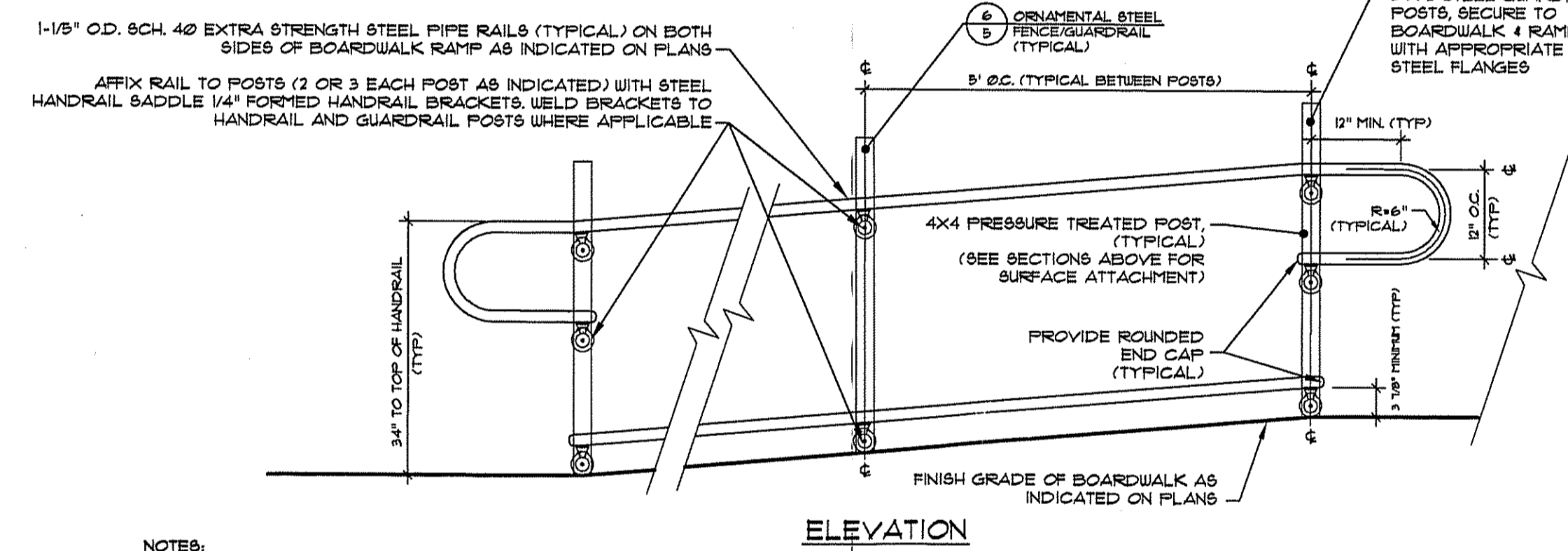
2 RAISED BOARDWALK FRAMING DETAIL
NOT TO SCALE



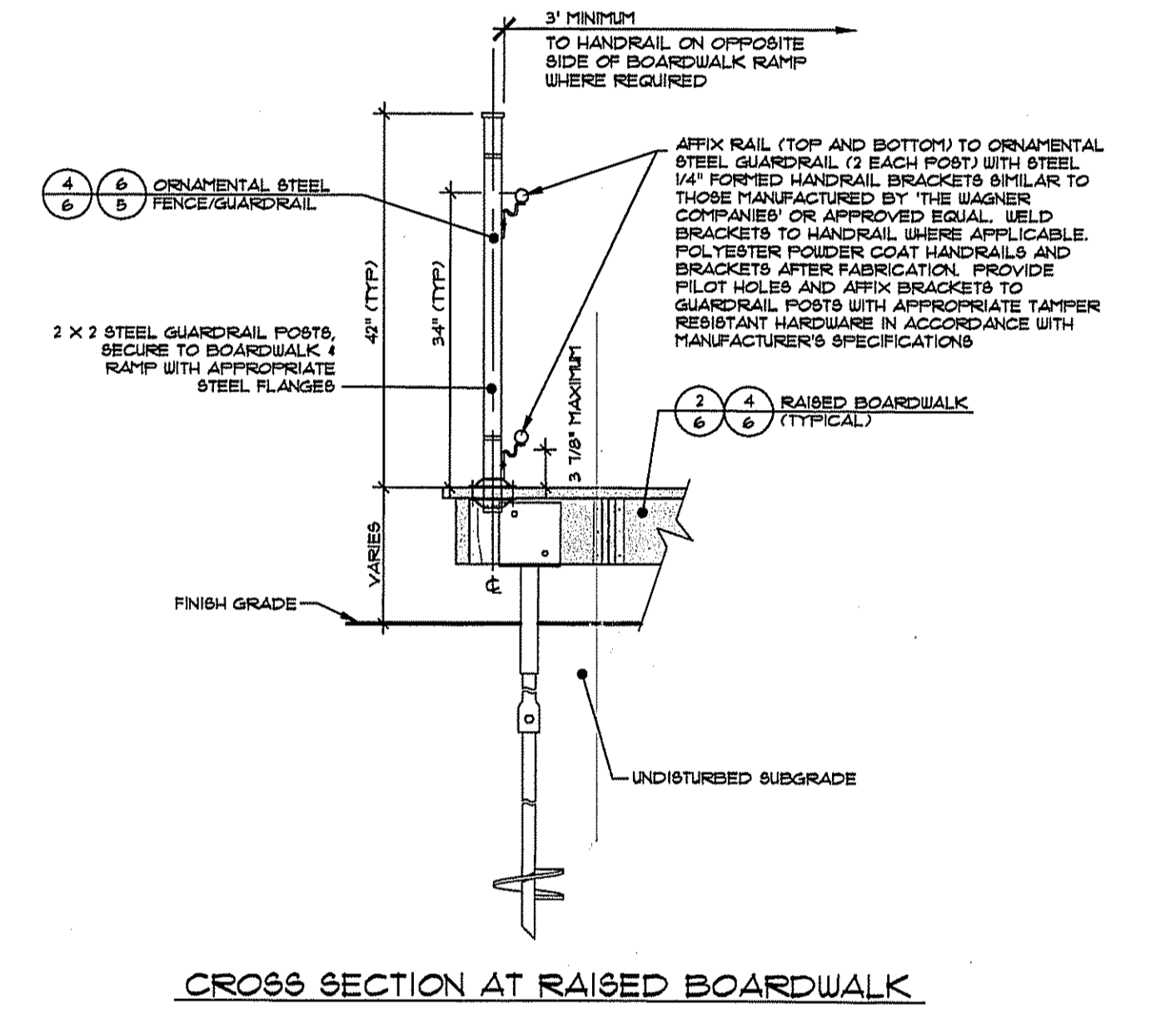
3 RAISED BOARDWALK AT-GRADE TRANSITION
NOT TO SCALE



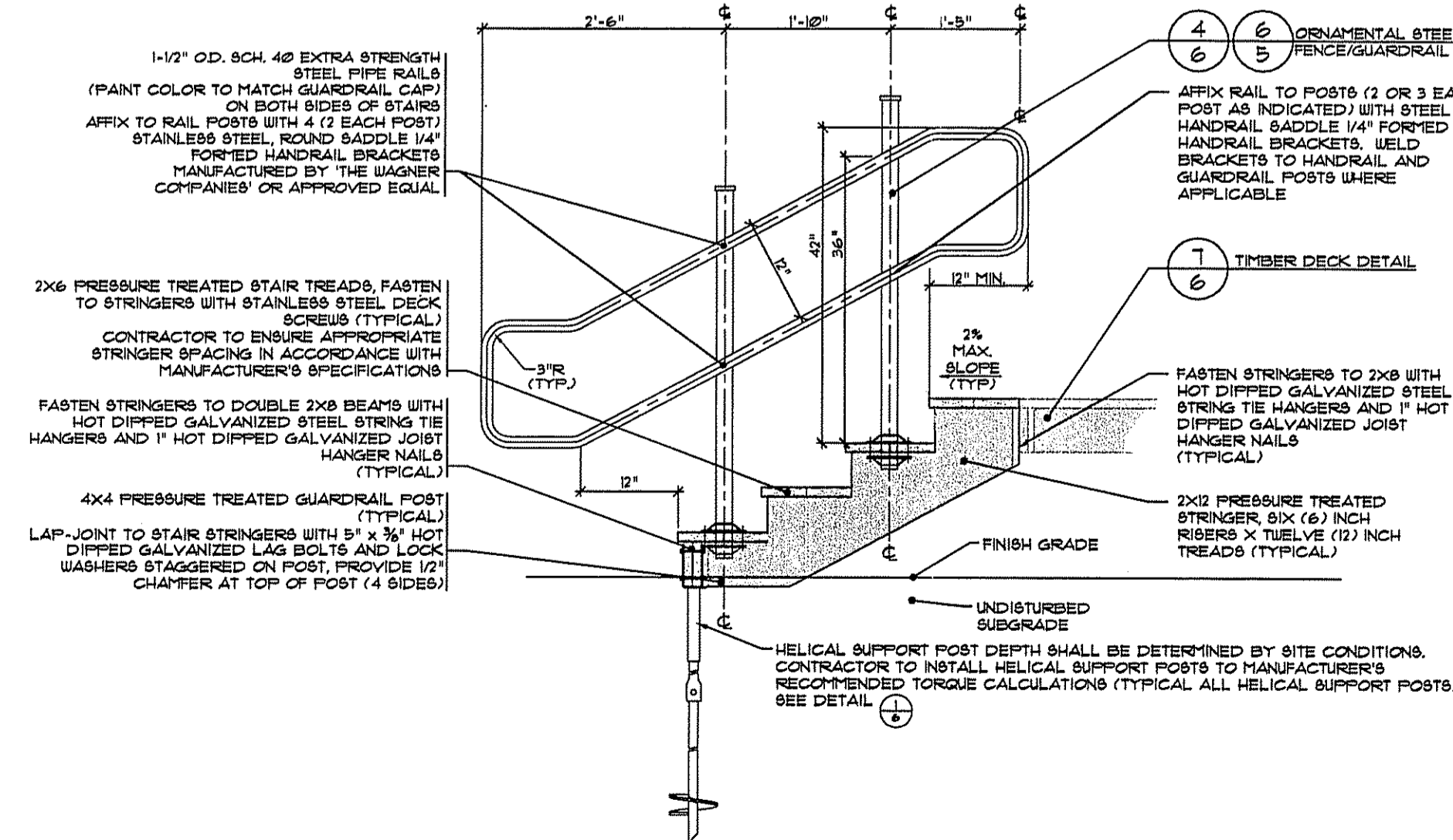
4 RAISED BOARDWALK WITH GUARDRAIL
NOT TO SCALE



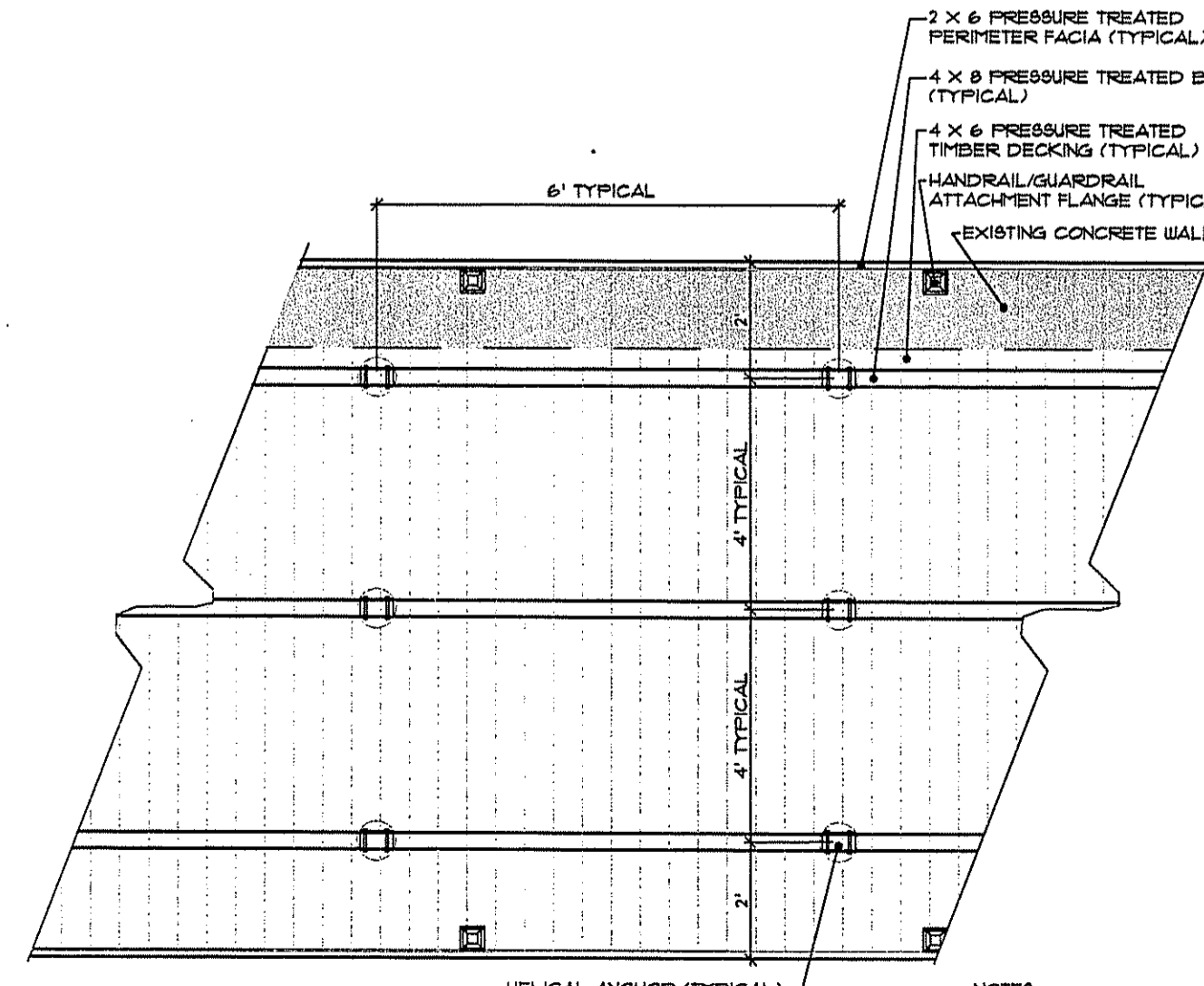
5 HANDRAIL AT RAISED BOARDWALK RAMP
NOT TO SCALE



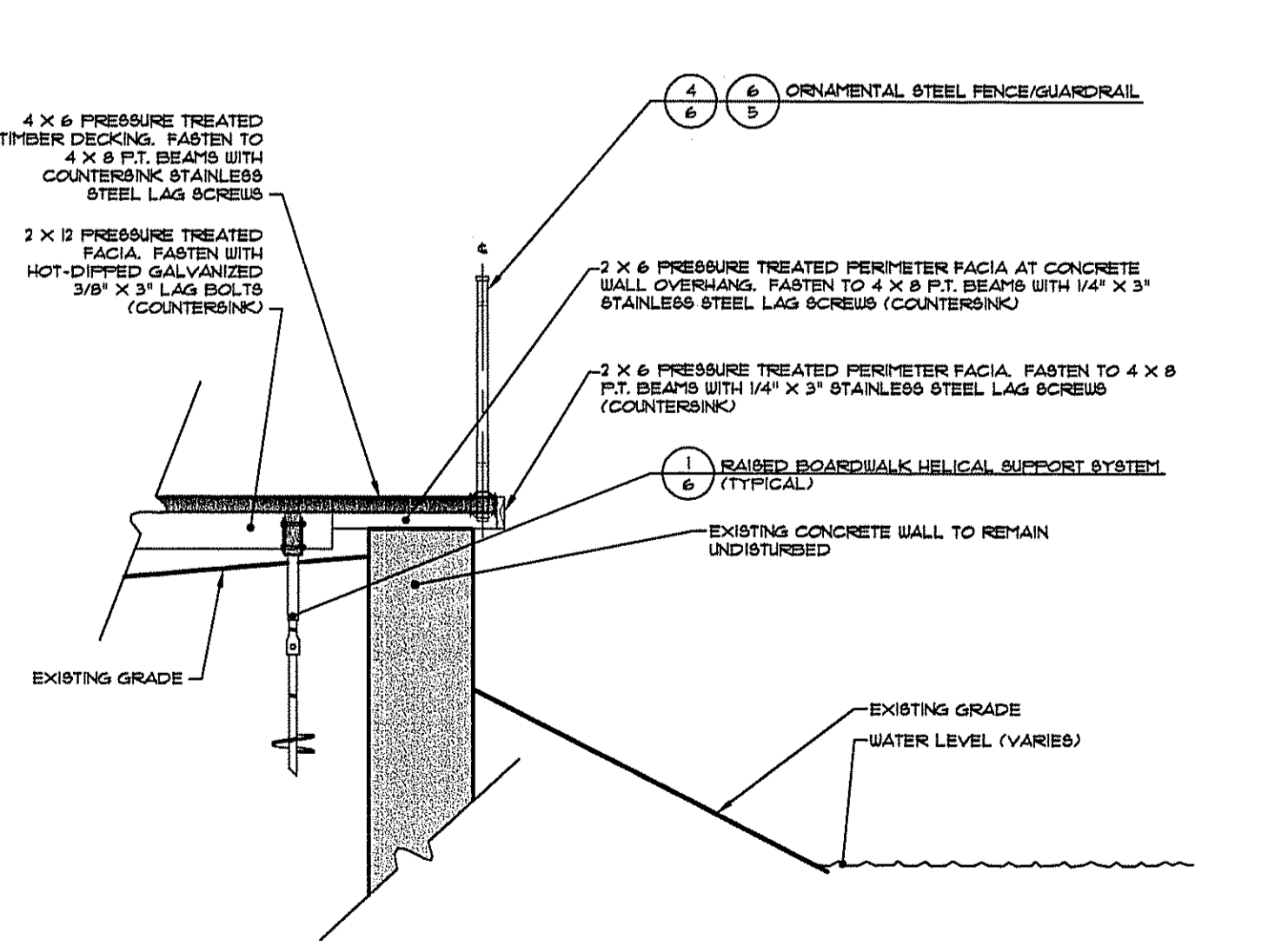
CROSS SECTION AT RAISED BOARDWALK
NOT TO SCALE



6 WOOD STAIRS WITH HANDRAIL
NOT TO SCALE

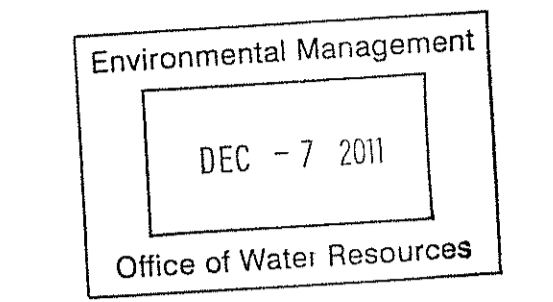


7 TYPICAL TIMBER DECK DETAIL
NOT TO SCALE



CROSS-SECTION
NOT TO SCALE

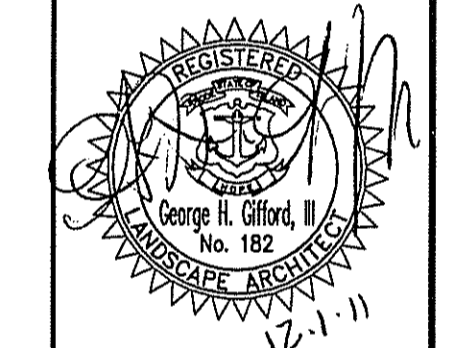
No.	Revision:	Date:
1	Handrail/guardrail connections and spacing	11-30-11



CRICKET FIELD RENOVATION PLAN

A.P. 40, LOT 142
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APPLICANT:
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APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Karen L. Freeman

DETAILS 3

ISSUED FOR PERMITTING

PROJECT NO. 292.734	DRAWING 6 OF 6
DATE: SEPTEMBER 2011	DRAWING NO: 6
SCALE: AS SHOWN	CHECKED BY: KMA, WS
DRAWN BY: KMA, WS	