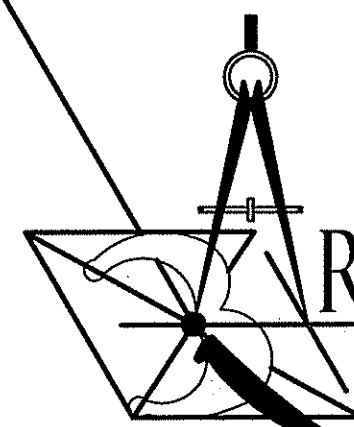


April, 2008



ARCHITECTURE INVOLUTION, INC.

PROJECT NO. 06176.02

NEW WOONSOCKET MIDDLE SCHOOL

WOONSOCKET, RHODE ISLAND

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 3 2008 FILE # 08-0121
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Harte

ARCHITECT

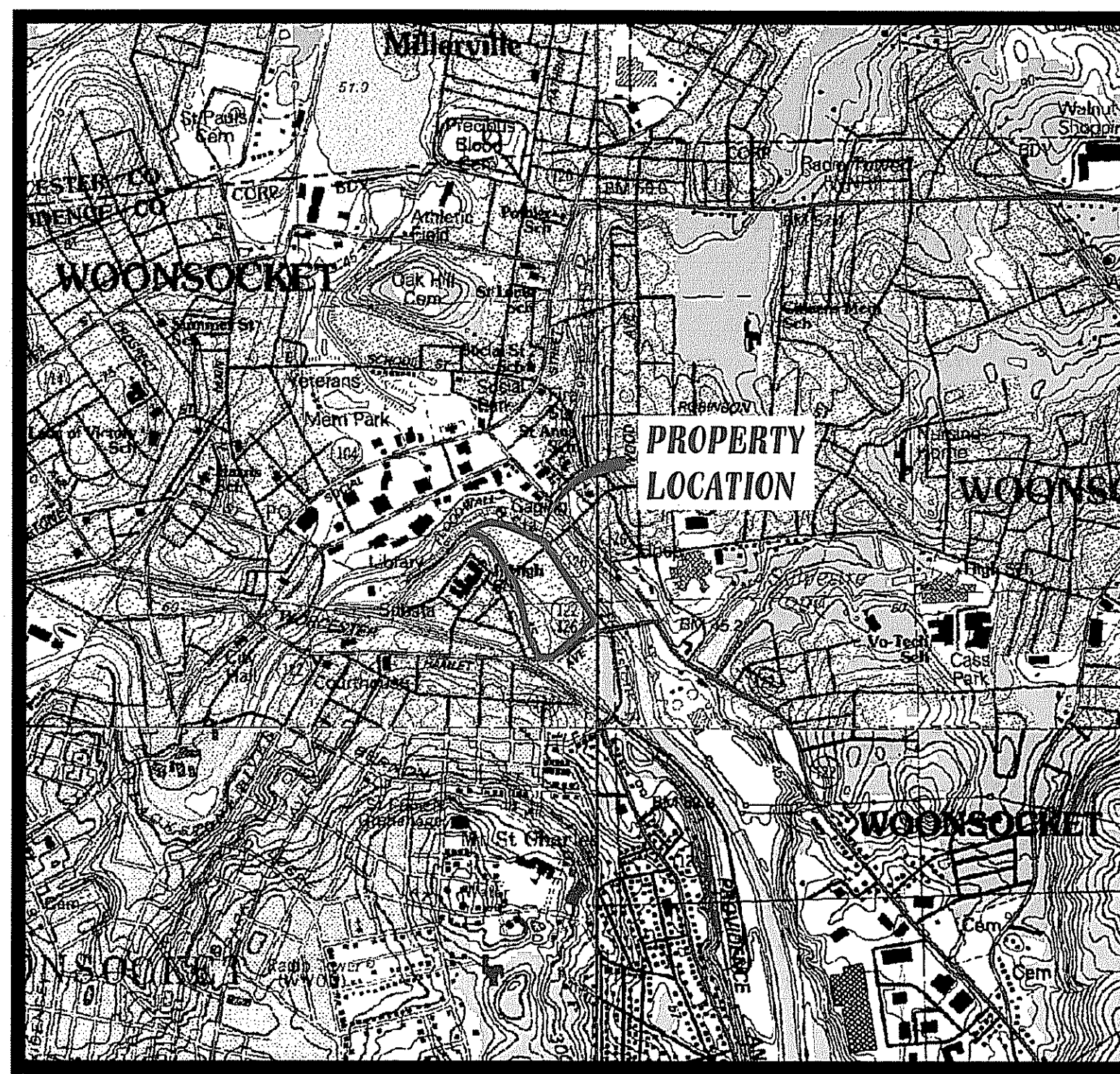
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LOCUS MAP

SCALE: 1"=1500'

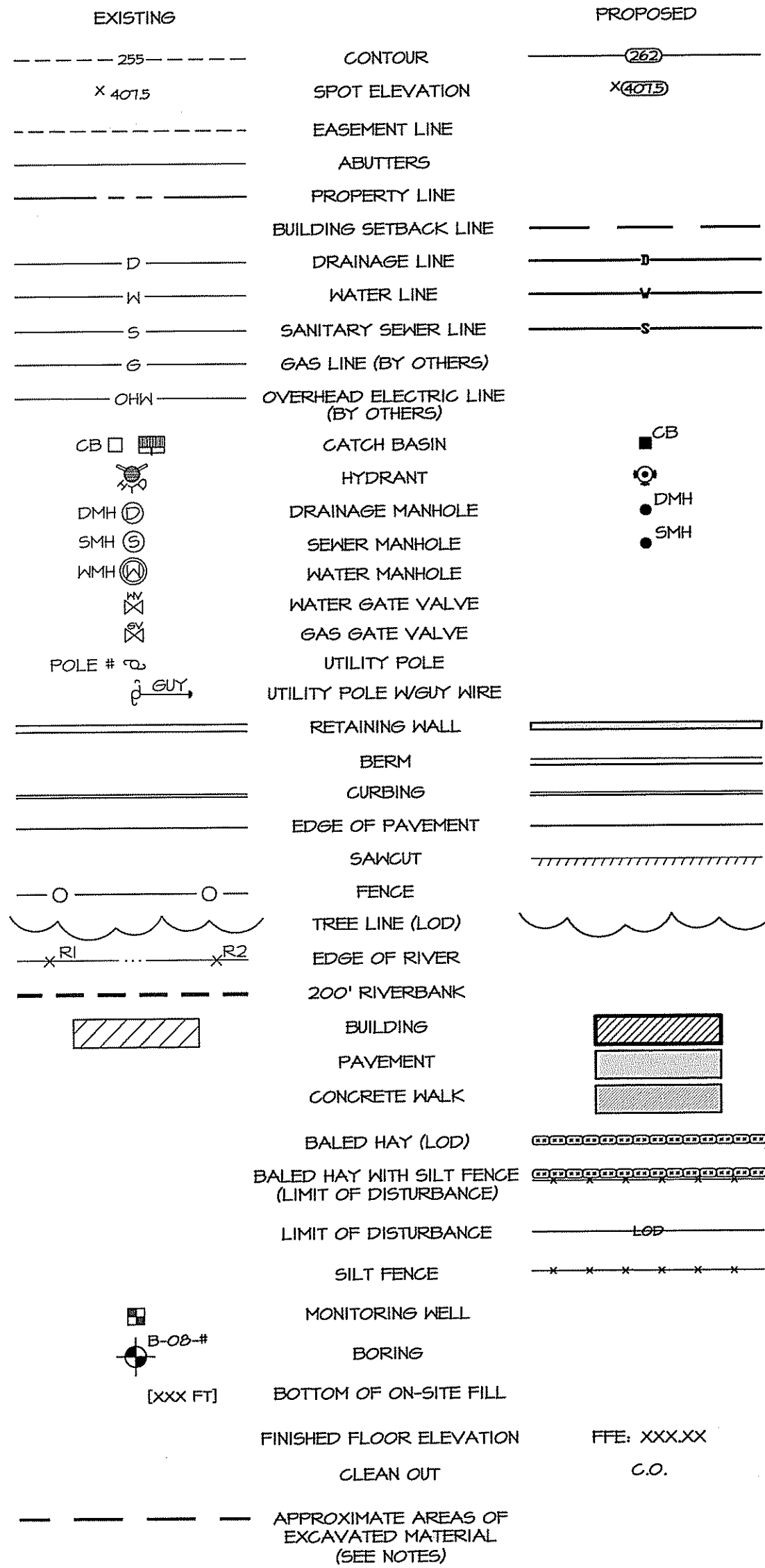
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APR 21 2008



LEGEND

- (3.4.1) = BRICK / SOLID BLOCK ROUND CATCH BASIN WITH GUTTER INLET - R.I. STD. 3.4.1
(4.2.0) = PRECAST 4'-0" ROUND MANHOLE - R.I. STD. 4.2.0
(4.4.0M) = PRECAST 4'-0" ROUND CATCH BASIN - R.I. STD. 4.4.0
(6.2.1) = HEAVY DUTY ROUND FRAME AND COVER - R.I. STD. 6.2.1
(6.3.2) = SQUARE FRAME AND GRATE (BICYCLE SAFE)- R.I. STD. 6.3.2
(7.1.0) = PRECAST CONCRETE CURB - R.I. STD. 7.1.0
(7.1.2) = 6'-0" PRECAST CONCRETE TRANSITION CURB - R.I. STD. 7.1.2
(7.3.0) = GRANITE CURB - R.I. STD. 7.3.0
(7.3.2) = 6'-0" GRANITE TRANSITION CURB - R.I. STD. 7.3.2
(7.5.1) = BITUMINOUS BERM - R.I. STD. 7.5.1
(9.2.0) = SILT FENCE EROSION CHECK - R.I. STD. 9.2.0
(9.3.0) = BALED HAY EROSION CHECK AND SILT FENCE COMBINED - R.I. STD. 9.3.0
(9.4.0) = BALED HAY DITCH AND SHALE EROSION CHECK - R.I. STD. 9.4.0
(9.8.0) = BALED HAY CATCH BASIN INLET PROTECTION - R.I. STD. 9.8.0
(9.9.0) = CONSTRUCTION ACCESS - R.I. STD. 9.9.0
(24.1.0) = SIGN POST SELECTION AND INSTALLATION DETAILS - R.I. STD. 24.1.0
(43.1.0) = CEMENT CONCRETE SIDEWALK - R.I. STD. 43.1.0 (SEE LANDSCAPE PLANS FOR FINISHES)
(43.3.0) = WHEELCHAIR RAMP - R.I. STD. 43.3.0
(43.3.1) = WHEELCHAIR RAMP FOR LIMITED RIGHT-OF-WAY AREAS- R.I. STD. 43.3.1
(51.1.0) = TREE PROTECTION DEVICE- R.I. STD. 51.1.0
(20.1.0) = PAVEMENT MARKINGS ARROWS AND ONLY - R.I. STD. 20.1.0
(ACP) = 1-1/2" BITUMINOUS CONCRETE SURFACE COURSE TYPE I-2 OVER 1-1/2" BITUMINOUS CONCRETE SURFACE COURSE TYPE I-1 OVER 6" SAND GRAVEL FILL AGGREGATE BASE COURSE 8" GRANULAR FILL AGGREGATE SUBBASE COURSE ASPHALT EMULSION TACK COAT IS TO BE APPLIED BETWEEN BITUMINOUS LAYERS
(ATG) = ADJUST TO GRADE
(BCP) = 1-1/2" BITUMINOUS CONCRETE SURFACE COURSE TYPE I-1 OVER 1-1/2" BITUMINOUS CONCRETE BINDER COURSE OVER 6" SAND GRAVEL FILL AGGREGATE BASE COURSE 8" GRANULAR FILL AGGREGATE SUBBASE COURSE ASPHALT EMULSION TACK COAT IS TO BE APPLIED BETWEEN BITUMINOUS LAYERS
(BCP2) = 2" BITUMINOUS SURFACE COURSE TYPE I-1 5" BITUMINOUS BASE COURSE (PLACED IN 2.5" LAYERS) 12" GRAVEL BORROW SUBBASE ASPHALT EMULSION TACK COAT IS TO BE APPLIED BETWEEN BITUMINOUS LAYERS
CB = PRECAST CATCH BASIN WITH OIL/WATER SEPARATOR
CM = SAWCUT AND MATCH EXISTING GRADES
DI = DUCTILE IRON PIPE
DMH = PRECAST DRAIN MANHOLE
(DSCB) = DOUBLE GRATE CATCH BASIN
(DMH) = 4" DASHED WHITE EPOXY RESIN PAVEMENT MARKING
(DY4) = 4" DOUBLE YELLOW EPOXY RESIN PAVEMENT MARKING
HDPE = HIGH DENSITY POLYETHYLENE
(LA) = LANDSCAPED AREA SEE LANDSCAPING PLANS
(GV) = GATE VALVE
(R&D) = REMOVE AND DISPOSE
(R&R) = REMOVE AND RESET
(SCN) = STRIPED CROSS WALK (SEE DETAIL)
(SHF) = HANDICAP EPOXY RESIN PAVEMENT MARKING
SMH = PRECAST SEWER MANHOLE
(SW) = 4" SOLID WHITE EPOXY RESIN PAVEMENT MARKING
(SW6) = 6" SOLID WHITE EPOXY RESIN PAVEMENT MARKING
(SW12) = 12" SOLID WHITE EPOXY RESIN PAVEMENT MARKING
(TCB) = TRANSITION (CURB TO BERM) - R.I. STD. 7.1.2

DEMOLITION NOTES

- UNDERGROUND UTILITIES WERE COMPILED FROM AVAILABLE RECORD PLANS OF UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE AND ASSUMED. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTACT "DIG SAFE" AT 1-888-DIG-SAFE TO ACCURATELY LOCATE UNDERGROUND UTILITIES. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES AS SHOWN ON THE PLANS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. COSTS OF SUCH DAMAGE SHALL BE THE CONTRACTOR'S RESPONSIBILITY. NO EXCAVATION SHALL BE DONE UNTIL UTILITY COMPANIES ARE PROPERLY NOTIFIED.
- THE CONTRACTOR SHALL COORDINATE ALL DEMOLITION OF STRUCTURES, PAVEMENT AND CONCRETE MATERIALS, AND UTILITIES WITH APPROPRIATE PROPOSED SITE GENERAL, UTILITY, LANDSCAPING, AND ARCHITECTURAL DRAWINGS.
- ALL NOTED UTILITIES TO BE REMOVED AND DISPOSED OF, RELOCATED OR CAPPED REPRESENT ALL KNOWN SITE CONDITIONS TO BE DEMOLISHED. CONTRACTOR TO COORDINATE ALL UNFORESEEN CONDITIONS WITH THE PROJECT ENGINEER, ARCHITECT, OWNERS REPRESENTATIVE, AND/OR RESPECTIVE UTILITY COMPANIES PRIOR TO PROCEEDING WITH WORK.
- ALL UNDERGROUND VAULTS NEED TO BE CLOSED IN ACCORDANCE TO STATE REGULATIONS.
- FOR DIRECTION ON EXISTING MONITORING WELLS SEE "REMEDIAL ACTION PLANS".
- WHERE DRAIN OR SEWER LINES ARE REMOVED AND DISPOSED, FROM A STRUCTURE TO REMAIN, THE CONTRACTOR SHALL BRICK AND MORTAR THE RESULTING HOLE.
- ALL EXISTING VEGETATION WITHIN THE LIMITS OF DISTURBANCE IS TO BE REMOVED UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL REMOVE WATER, SEWER AND DRAIN LINES ASSOCIATED WITH STRUCTURES TO BE REMOVED. THE LINE SHALL BE PROPERLY CAPPED WHEN THEY ARE NOT REMOVED IN THEIR ENTIRETY.

REFERENCE

- EXISTING CONDITION AND PROPERTY LINE INFORMATION TAKEN FROM PLAN ENTITLED, "EXISTING CONDITIONS" FOR CITY OF WOONSOCKET, MIDDLE SCHOOL SITE, PREPARED BY NATIONAL SURVEYORS-DEVELOPERS INC. DATED AUGUST 2007. THIS SURVEY AND PLAN CONFORM TO A CLASS 1 STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS, VERTICAL DATUM IS NAVD 29.
- "SITE PLAN WITH EXCAVATION LIMITS AND REMEDIATION STAGING AREAS" FOR CITY OF WOONSOCKET, PROPOSED MUNICIPAL MIDDLE SCHOOL SITE, PREPARED BY FUS & O'NEILL, DATED MARCH 2008.
7 THE DOCUMENT ENTITLED, "CONSTRUCTION SOIL MANAGEMENT PLAN" PREPARED BY FUS & O'NEILL, DATED MARCH 18, 2008.
7 THE DOCUMENT ENTITLED, "REMEDIAL ACTION WORK PLAN" PREPARED BY FUS & O'NEILL, DATED APRIL 1, 2008.
7 THE PLANS ENTITLED, "CITY OF WOONSOCKET, WOONSOCKET MIDDLE SCHOOL, REMEDIAL ACTION PLANS" PREPARED BY FUS & O'NEILL, DATED APRIL 1, 2008.
- THE FOLLOWING DOCUMENTS ARE REFERENCED FOR ON-SITE SOIL REMEDIATION (HEREINAFTER WITHIN THESE PLANS REFERRED TO "REMEDIAL ACTION PLANS").
7 THE DOCUMENT ENTITLED, "CONSTRUCTION SOIL MANAGEMENT PLAN" PREPARED BY FUS & O'NEILL, DATED MARCH 18, 2008.
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GENERAL NOTES

- THE STATE OF RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 1991 EDITION, AND THE RHODE ISLAND STANDARD DETAILS ARE MADE A PART HEREOF AS FULLY AND COMPLETELY AS IF ATTACHED HERETO. THE 1991 EDITION OF THE STANDARD SPECIFICATIONS MAY BE OBTAINED AT THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION.
- THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS, PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE ENGINEER AND ARCHITECT AS REQUIRED.
- IF ANY DEVIATION OR ALTERATION OF THE WORK PROPOSED ON THESE DRAWINGS IS REQUIRED, THE CONTRACTOR IS TO IMMEDIATELY CONTACT AND COORDINATE WITH THE ENGINEER AND OWNER.
- ANY AREA OUTSIDE OF THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER.
- ALL SITE WORK SHALL MEET OR EXCEED THE SITE WORK SPECIFICATIONS PREPARED FOR THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK WHICH WOULD BE AFFECTED.
- ALL UTILITIES (LOCATION AND ELEVATION) SHOWN SHALL BE CONSIDERED APPROXIMATE ONLY. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTACT "DIG SAFE" AT 1-888-344-7233. TO ACCURATELY LOCATE UNDERGROUND UTILITIES. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES AS SHOWN ON THE PLANS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. COSTS OF SUCH DAMAGE SHALL BE THE CONTRACTOR'S RESPONSIBILITY. NO EXCAVATION SHALL BE DONE UNTIL COMPANIES ARE PROPERLY NOTIFIED IN ADVANCE. NOTE THAT NOT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL RESPECTIVE UTILITY COMPANIES TO VERIFY AND LOCATE EXISTING UTILITIES.
- ALL WORK SHALL CONFORM TO THE CITY OF WOONSOCKET DPM REQUIREMENTS AND RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION 1991 EDITION OR LATEST REVISION.
- PAVEMENT MARKINGS: CROSSWALKS SHALL MEET ALL CITY OF WOONSOCKET REQUIREMENTS. ALL PAVEMENT MARKINGS ARE TO BE EPOXY RESIN.
- APPROXIMATE LIMITS OF CONCRETE FLOOR PADS WERE DETERMINED BY HISTORICAL INFORMATION (RIGIS AERIAL PHOTOS 1939, 1952, 1962, AND 2004)
- UNDERGROUND STORAGE TANK CLOSURES AND SOIL REMEDIATION HAS BEEN DESIGNED BY FUS & O'NEILL. SOME OF THE WORK WILL BE COMPLETED PRIOR TO THE START OF CONSTRUCTION. FOR LOCATIONS AND QUANTITIES OF EXISTING HOLES AND STOCKPILED REMEDIATED SOIL, REFER TO THE "REMEDIAL ACTION PLANS".
- ALL HANDLING OF ON-SITE SOIL SHALL COMPLY WITH LOCAL AND STATE REGULATIONS AS WELL AS THE "REMEDIAL ACTION PLANS".
- SEE DEMOLITION PLAN FOR AREAS OF EXISTING CONCRETE PADS TO BE CRUSHED AND REUSED ON-SITE.
- ALL AREAS OF DISTURBANCE SHALL BE CAPPED AS OUTLINED WITH SITE DETAILS AND THE "REMEDIAL ACTION PLANS".
- FOR MINIMUM SITE CAPPING REQUIREMENTS SEE THE "REMEDIAL ACTION PLANS".
- NO CRUSHED OR PROCESSED BUILDING DEMOLITION MATERIAL SHALL BE USED WITHIN TWO FEET VERTICALLY OF THE PROPOSED FINISHED GRADES WITHIN AREAS OF LANDSCAPING AND LOAM.
- SOLIDIFIED/STABILIZED SOIL CONTAINING PETROLEUM SHALL BE USED UNDER PAVEMENT AND NOT WITHIN LANDSCAPED AREAS. SEE REMEDIAL ACTION PLANS.
- REFER TO GILBANE BID PACKAGE SCOPE OF WORK BY GILBANE BUILDING COMPANY FOR ADDITIONAL INFORMATION REGARDING: PHASING, BUILDING DEMOLITION AND SITE CONDITIONS.
- REFER TO MECHANICAL AND ELECTRICAL PLANS FOR SITE ISSUES RELATED TO THESE DISCIPLINES.

LAYOUT NOTES

- ALL LINES ARE PERPENDICULAR OR PARALLEL TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
- EACH HANDICAP PARKING SPACE SHALL BE IDENTIFIED BY A SIGN LOCATED AT THE BACK OF THE WALKWAY. THE SIGN SHALL CONTAIN THE "INTERNATIONAL SYMBOL OF ACCESSIBILITY" AS DESCRIBED IN THE AMERICANS WITH DISABILITIES ACT, PUBLIC LAW 101-336. (SEE DETAIL)
- DIMENSIONS OF PARKING SPACES AND DRIVEWAYS ARE FROM FACE OF CURB TO FACE OF CURB. DIMENSIONS FROM BUILDING ARE FROM FACE OF BUILDING TO FACE OF CURB.
- ACCESSIBLE RAMPS SHALL BE PER THE AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES.
- CENTER WALKWAYS ON DOORWAYS THEY SERVE.

STORMWATER MANAGEMENT SYSTEM INSPECTION AND MAINTENANCE NOTES

DURING CONSTRUCTION

- THE CONTRACTOR SHALL REMOVE SEDIMENT AND DEBRIS FROM ALL CATCH BASINS AND MANHOLES ON A ROUTINE BASIS, IMMEDIATELY FOLLOWING SITE STABILIZATION AND PRIOR TO PROJECT COMPLETION AND ACCEPTANCE.

POST CONSTRUCTION

- THE PARKING LOT SHALL BE SWEPT BY THE OWNER AS EARLY AS POSSIBLE EVERY SPRING TO REMOVE SALTS AND SAND DEPOSITED DURING THE WINTER.
- ALL CLEANING AND MAINTENANCE OF DRAINAGE SYSTEM BMP'S SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.
- INSPECTION SHALL BE CONDUCTED MONTHLY FOR THE FIRST SIX MONTHS AFTER INSTALLATION, AND TWO TIMES PER YEAR THEREAFTER. SYSTEM COMPONENTS TO BE INSPECTED SHALL INCLUDE ALL CATCH BASINS, THE VORTECHS STORM WATER TREATMENT SYSTEM, AND SYSTEM OUTFALLS.
- THE CATCH BASINS SHALL BE CLEANED WHEN SEDIMENT AND/OR DEBRIS LEVELS EQUAL 1/2 OF THE ORIGINAL SUMP DEPTH. REMOVED SEDIMENT AND DEBRIS SHALL BE DISPOSED OF OFFSITE AT AN APPROVED FACILITY. SYSTEM OUTFALLS SHALL BE CHECKED FOR EROSION, DISCHARGE OF SEDIMENT, AND CONDITION OR RIPRAP. ANY DEFICIENCIES IDENTIFIED SHALL BE IMMEDIATELY CORRECTED.
- THE VORTECHS STORM WATER TREATMENT SYSTEM SHALL BE INSPECTED AND MAINTAINED BY OWNER IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS, WHICH SHALL BE SUPPLIED AT INSTALLATION. THE SYSTEM SHALL BE INSPECTED QUARTERLY FOR ACCUMULATED SEDIMENT, AND MONTHLY DURING THE WINTER. THE SYSTEM SHALL BE CLEANED WHEN THE SEDIMENT DEPTH IS WITHIN 6 INCHES OF THE DRY WEATHER WATER LEVEL IN THE UNIT. A VACUUM TRUCK SHALL BE USED TO CLEAN THE UNIT.

SIDEWALK NOTES

- SIDEWALK SHALL BE CONSTRUCTED WITH WELDED WIRE FABRIC 6x6 - W2.9xW2.9 CONFORMING TO STANDARD SPECIFICATIONS SECTION 905.02.3.
- SEE LANDSCAPE PLANS FOR ALL FINISHES.
- THE PROPOSED WALKWAYS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% AND RUNNING SLOPE OF 5% AS SHOWN ON CONSTRUCTION DETAILS AND GRADING PLAN.

EROSION AND SEDIMENTATION CONTROL NOTES

- SOIL EROSION AND SEDIMENTATION CONTROLS SHALL BE PROVIDED IN ACCORDANCE WITH THE "RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK" THE RPEDES GENERAL PERMIT FOR STORM WATER DISCHARGE FROM CONSTRUCTION ACTIVITY (SEPT. 2003) AND THE PROJECT-SPECIFIC STORM WATER POLLUTION PREVENTION PLAN.
- THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE CONDITIONS ISSUED FOR THE PROJECT BY RIDEM AND BE RESPONSIBLE FOR CONFORMANCE WITH ALL CONSTRUCTION DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING OR INSTALLING ALL TEMPORARY SEDIMENT AND EROSION CONTROLS AS SHOWN ON THESE PLANS AND SHALL MAINTAIN ALL EROSION CONTROL MEASURES AS NECESSARY DURING THE ENTIRE CONSTRUCTION PERIOD.
- TEMPORARY DIVERSION SHALES SHALL BE PROVIDED AS NECESSARY TO DIRECT RUNOFF AROUND DISTURBED AREAS.
- ANTI-TRACKING PADS (R.I. STD. DETAIL 9.9.0) SHALL BE PROVIDED AT ALL POINTS OF EGRESS OR INGRESS AND SHALL BE MAINTAINED TO LIMIT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADS.
- EROSION CONTROL BARRIERS SHALL BE INSTALLED AS SHOWN ON THE EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF CONSTRUCTION OPERATIONS.
- SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED AS OUTLINED IN THE PROJECT SPECIFIC STORMWATER POLLUTION PREVENTION PLAN (SWPPP). IDENTIFIED DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY.
- DUST SHALL BE CONTROLLED BY WATERING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL CLEAN AND MAINTAIN EROSION CONTROL BARRIER WHEN SEDIMENT ACCUMULATES TO ONE HALF THE HEIGHT OF THE HAYBALES OR ONE THIRD THE HEIGHT OF SILT FENCE. MATERIAL COLLECTED FROM THE SILTATION BARRIERS SHALL BE REMOVED AS NECESSARY AND DISPOSED IN AN UPLAND AREA.
- THE CONTRACTOR SHALL SCHEDULE HIS WORK TO ALLOW THE FINISHED SUB GRADE ELEVATIONS TO DRAIN PROPERLY WITHOUT PONDING. SPECIFICALLY, ALLOW WATER TO ESCAPE WHERE PROPOSED CURB MAY RETAIN RUNOFF PRIOR TO APPLICATION OF SURFACE PAVING. PROVIDE TEMPORARY POSITIVE DRAINAGE, AS REQUIRED, TO STABILIZED DISCHARGE POINTS.
- INSTALLATION OF THE EROSION CONTROL BARRIERS AS ILLUSTRATED IS INTENDED TO REPRESENT THE MINIMUM SEDIMENTATION CONTROL FACILITIES NECESSARY TO MEET ANTICIPATED SITE CONDITIONS. ADDITIONAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
- REQUIRED SEDIMENTATION CONTROL FACILITIES MUST BE PROPERLY ESTABLISHED, CLEARLY VISIBLE AND IN OPERATION PRIOR TO INITIATING ANY LAND CLEARING ACTIVITY AND/OR OTHER CONSTRUCTION RELATED WORK. SUCH FACILITIES SHALL REPRESENT THE LIMIT OF WORK. WORKERS SHALL BE INFORMED THAT NO CONSTRUCTION ACTIVITY IS TO OCCUR BEYOND THE LIMIT OF WORK AT ANY TIME THROUGHOUT THE CONSTRUCTION PERIOD.
- THE CONTRACTOR SHALL MAINTAIN A SUFFICIENT RESERVE OF VARIOUS EROSION CONTROL MATERIALS ON-SITE AT ALL TIMES FOR EMERGENCY PURPOSES OR ROUTINE MAINTENANCE.
- CATCH BASINS AND STORM DRAIN INLETS SHALL BE PROTECTED WITH HAY BALES (RIDOT R.I. STD. DETAIL 7.8.0) OR SEDIMENT BAGS IN PAVED AREAS.
- THE CONTRACTOR SHALL NOT REMOVE ANY HAY BALES, SILT FENCE OR OTHER EROSION CONTROLS UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED.
- CONSTRUCTION SITE WASTE MATERIALS WILL BE PROPERLY CONTAINED ON-SITE AND DISPOSED OFF SITE AT A LOCATION IN ACCORDANCE WITH THE LOCAL AND STATE REGULATIONS.
- RIP-RAP OR OTHER ENERGY DISSIPATORS WILL BE USED WHERE NECESSARY TO PREVENT SCOUR.
- ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS UPON COMPLETION OF WORK IN THAT AREA.
- ALL DRAINAGE STRUCTURES SHALL BE CLEARED OF ACCUMULATED SEDIMENT PRIOR TO ACCEPTANCE OF FINAL PROJECT.
- WHERE EROSION CONTROL IS CALLED FOR IN AREAS OF PAVEMENT, SAND BAGS WILL BE USED IN PLACE OF HAYBALES AND SILT FENCE.

GRADING AND UTILITY NOTES

- UNDERGROUND UTILITIES WERE COMPILED FROM AVAILABLE RECORD PLANS OF UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE AND ASSUMED. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTACT "DIG SAFE" AT 1-888-DIG-SAFE TO ACCURATELY LOCATE UNDERGROUND UTILITIES. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES AS SHOWN ON THE PLANS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. COSTS OF SUCH DAMAGE SHALL BE THE CONTRACTOR'S RESPONSIBILITY. NO EXCAVATION SHALL BE DONE UNTIL UTILITY COMPANIES ARE PROPERLY NOTIFIED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK WHICH WOULD BE AFFECTED. NO FIELD ADJUSTMENTS IN THE LOCATION OF SITE ELEMENTS SHALL BE MADE WITHOUT THE ENGINEERS APPROVAL.
- ALL WORK PERFORMED AND ALL MATERIALS FURNISHED SHALL CONFORM WITH THE LINES AND GRADES ON THE PLANS AND SITE WORK SPECIFICATIONS.
- AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABOUT NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT AND CURBS SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS.
- ALL UTILITY COVERS, GRATES, ETC. SHALL BE ADJUSTED TO BE FLUSH WITH THE SURROUNDING SURFACE OR PAVEMENT FINISH GRADE. RIM ELEVATIONS OF STRUCTURES AND MANHOLES ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH AND CONSISTENT WITH THE GRADING PLANS.
- FINAL CONCRETE MECHANICAL EQUIPMENT PAD SIZES, LOCATIONS AND DETAILING TO BE COORDINATED WITH EQUIPMENT SUPPLIER AND PROJECT ENGINEER. INSTALL ALL UTILITIES (INCLUDING CONCRETE PADS) PER UTILITY COMPANY STANDARDS.
- THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION OF PRIVATE UTILITIES BY THE UTILITY COMPANIES, AS REQUIRED.
- WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION.
- THE CONTRACTOR SHALL PROTECT ALL UNDERGROUND DRAINAGE, SEWER AND UTILITY FACILITIES FROM EXCESSIVE VEHICULAR LOADS DURING CONSTRUCTION. ANY DAMAGE TO THESE FACILITIES RESULTING FROM CONSTRUCTION LOADS WILL BE RESTORED TO ORIGINAL CONDITION.
- GAS, ELECTRIC, AND COMMUNICATIONS ROUTING ARE SUBJECT TO REVIEW AND APPROVAL BY APPROPRIATE UTILITY COMPANIES.
- DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES BY PROVIDING TEMPORARY SUPPORTS OR SHEETING AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
- ALL GRAVITY SANITARY PIPING SHALL BE SDR-35 PVC AND CONFORM TO THE CITY OF WOONSOCKET REQUIREMENTS.
- ALL WATER LINE BENDS SHALL BE REINFORCED WITH THRUST BLOCKS.
- EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE PERFORMED BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
- PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MIN. OF 1/8" PER FOOT UNLESS SPECIFIED.
- ANY UTILITY INTERRUPTION SHALL BE COORDINATED AND APPROVED BY THE CITY OF WOONSOCKET PRIOR TO ANY DISTURBANCE IN SERVICE.
- ALL WATER MAIN INSTALLATION SHALL CONFORM TO THE CITY OF WOONSOCKET REQUIREMENTS.
- CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION MEETING WITH THE WATER COMMISSION PRIOR TO COMMENCING WORK.
- ALL SEWER CONSTRUCTION SHALL CONFORM TO THE CITY OF WOONSOCKET REQUIREMENTS.
- ANY EXISTING UTILITY RIMS ASSOCIATED WITH UTILITIES TO REMAIN SHALL BE ADJUSTED TO GRADE.

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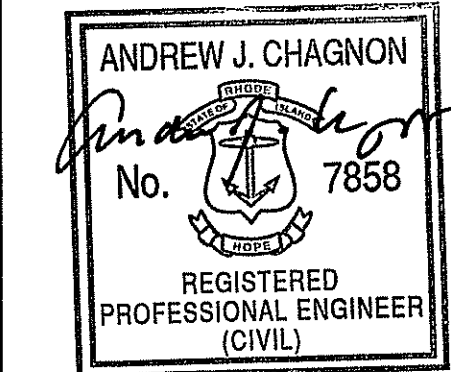


NEW
WOONSOCKET
MIDDLE
SCHOOL
Woonsocket, RI

HAMLET AVENUE,
FLORENCE DRIVE &
VILLA NOVA STREET

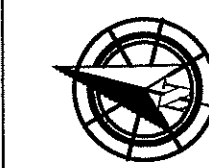
ASSESSOR'S PLAT 27
LOTS 13, 24, 26, 62, 63,
77, 78, 81, 91, 165, & 170

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DATED JUN 3 2008 FILE # OS-0121
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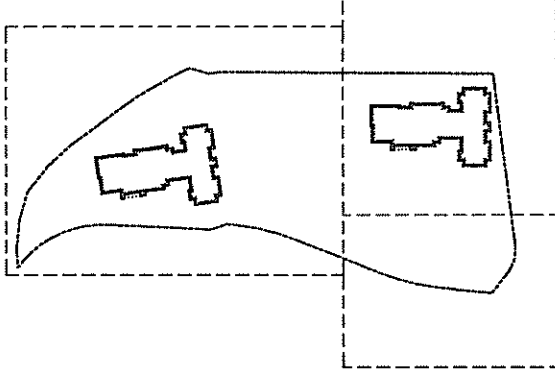


RIDEM
SUBMISSION

North Arrow



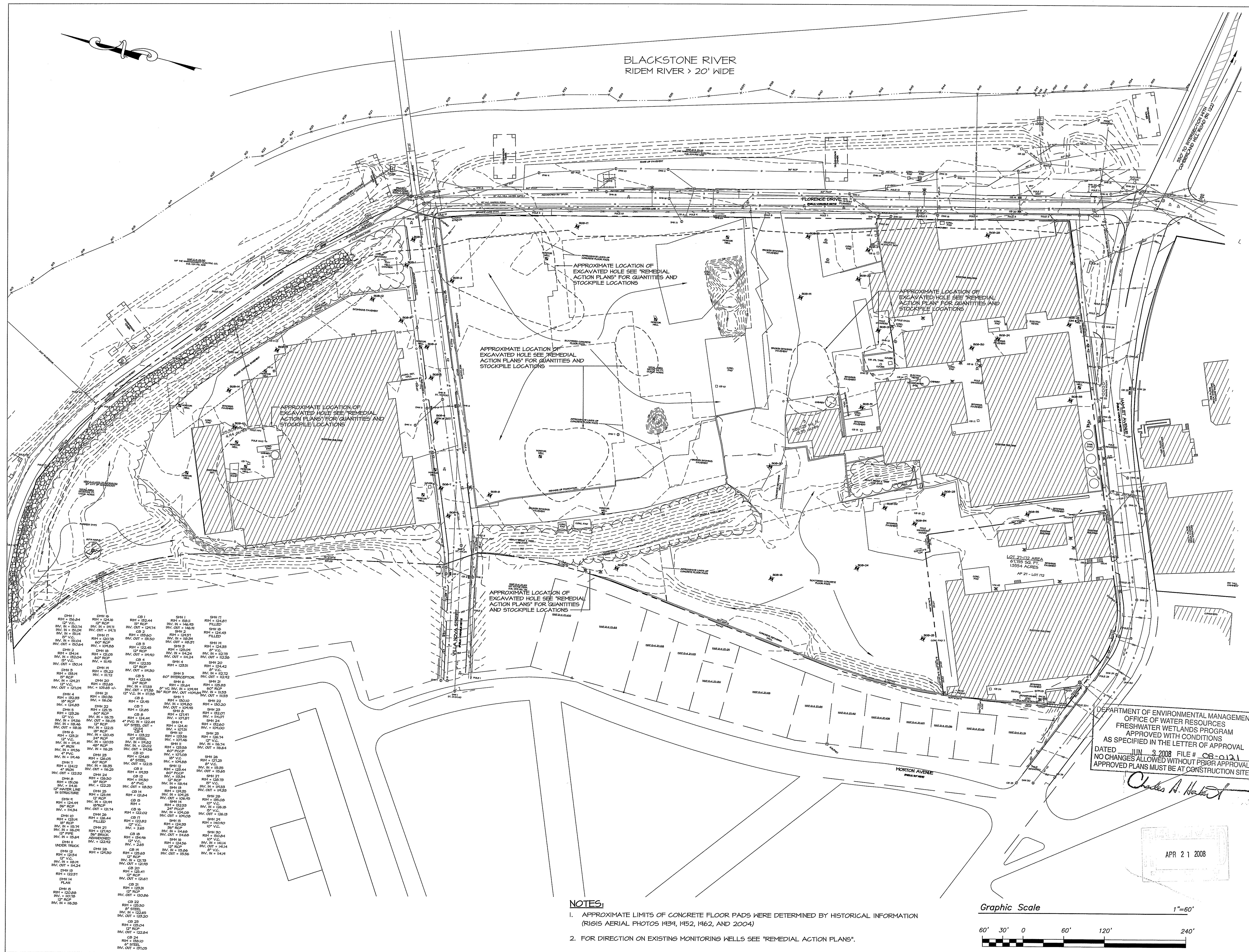
Keyplan



Drawing Name:

GENERAL NOTES
AND LEGEND

Scale: As Noted Drawing Number:
Job No: 070100/0676.02
Drawn By: C1
Date: APRIL, 2008 Sheet 2 of 13



NOTES:

1. APPROXIMATE LIMITS OF CONCRETE FLOOR PADS WERE DETERMINED BY HISTORICAL INFORMATION (RIGIS AERIAL PHOTOS 1934, 1952, 1962, AND 2004)
2. FOR DIRECTION ON EXISTING MONITORING WELLS SEE "REMEDIAL ACTION PLANS".

Graphic Scale



APR 21 2008

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Charles A. Harkin

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VILLA NOVA STREET**

**ASSESSOR'S PLAT 27
LOTS 13, 24, 26, 62, 63,
77, 78, 81, 91, 165, & 170**

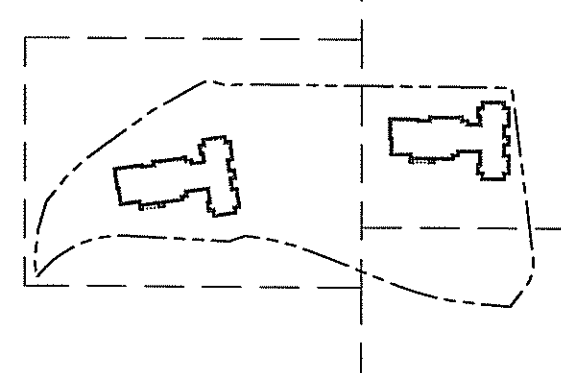
ANDREW J. CHAGNON
Andrew J. Chagnon
No. 7858
REGISTERED
PROFESSIONAL ENGINEER
(CIVIL)

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SUBMISSION**

North Arrow



Keyplan



Drawing Name:

**EXISTING
CONDITIONS PLAN**

Scale: 1"=60' Drawing Number:
Job No: 070100/067602
Drawn By: **C2**
Date: APRIL, 2008 Sheet 3 of 13



DEMOLITION NOTES

- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING UTILITIES WITHIN VILLA NOVA. TEMPORARY UTILITIES SHALL BE PROVIDED BY CONTRACTOR.
- IN AREAS WHERE PRIOR EXCAVATION IS SHOWN ON THE EXISTING CONDITIONS PLAN, IT IS TO BE ASSUMED SURFACE SITE FEATURES WILL ALSO HAVE BEEN REMOVED.
- IN AREAS OF EXISTING CONCRETE PADS:
 - REMOVE CONCRETE PADS, FOUNDATION WALLS AND INTERIOR COLUMNS TO AN ELEVATION OF A MINIMUM OF TWO FEET BELOW PROPOSED GRADE. ADDITIONAL REMOVAL MAY BE NECESSARY WHERE PROPOSED UTILITIES ARE TO BE LOCATED. CONCRETE SHALL BE CRUSHED AND STOCKPILED FOR USE ON-SITE.
 - IN AREAS OF GREATER THAN TWO FEET OF FILL OUTSIDE THE BUILDINGS INFLUENCE ZONE BREAK EXISTING SLAB AND COMPACT IN PLACE MAX. SIZE 2X2'.
- FOR DIRECTION ON EXISTING MONITORING WELLS SEE REMEDIAL ACTION PLANS. DETAILS FOR ADJUSTMENT TO ALL MONITORING WELLS ARE PROVIDED ON THE ABOVE REFERENCED PLANS.

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Charles B. [Signature]

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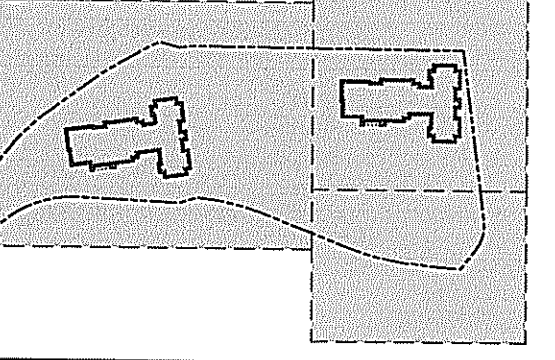
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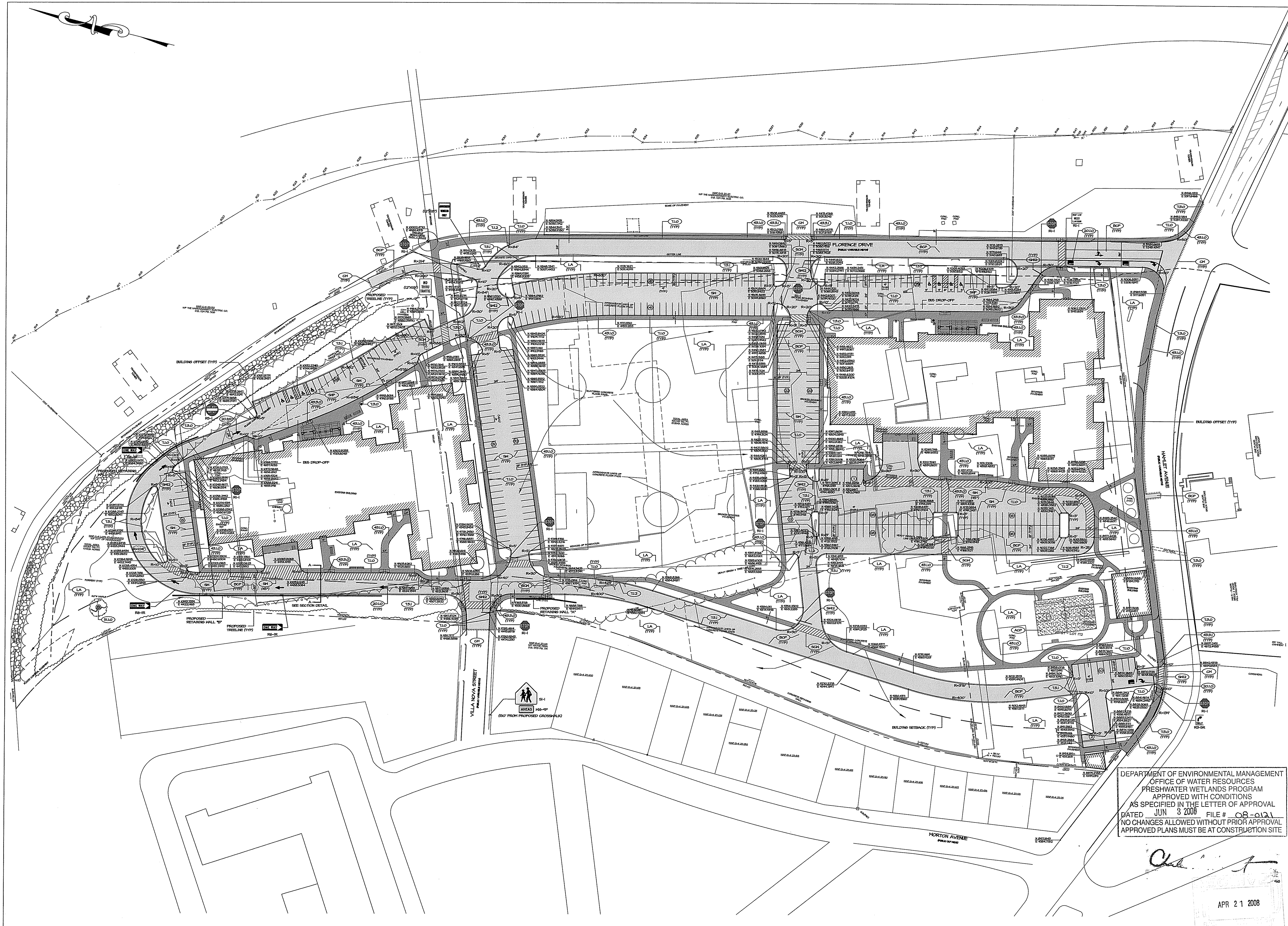
Keyplan



Drawing Name:

**OVERALL
DEMOLITION
PLAN**

Scale: 1" = 60' Drawing Number:
Job No: 070100/067602
Drawn By: **C3.00**
Date: APRIL, 2008 Sheet 4 of 13



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VILLA NOVA STREET

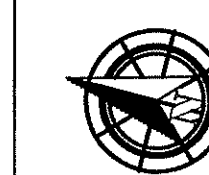
ASSESSOR'S PLAT 27
LOTS 13, 24, 26, 62, 63,
77, 78, 81, 91, 165, & 170

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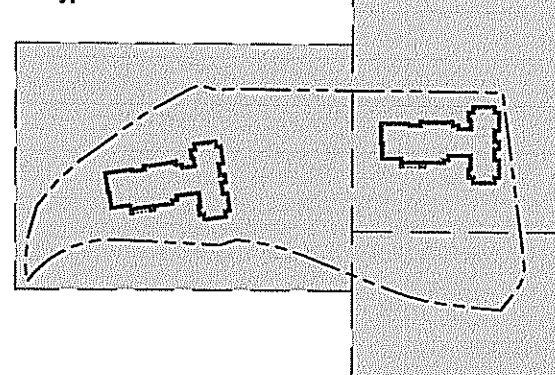
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(CIVIL)

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North Arrow



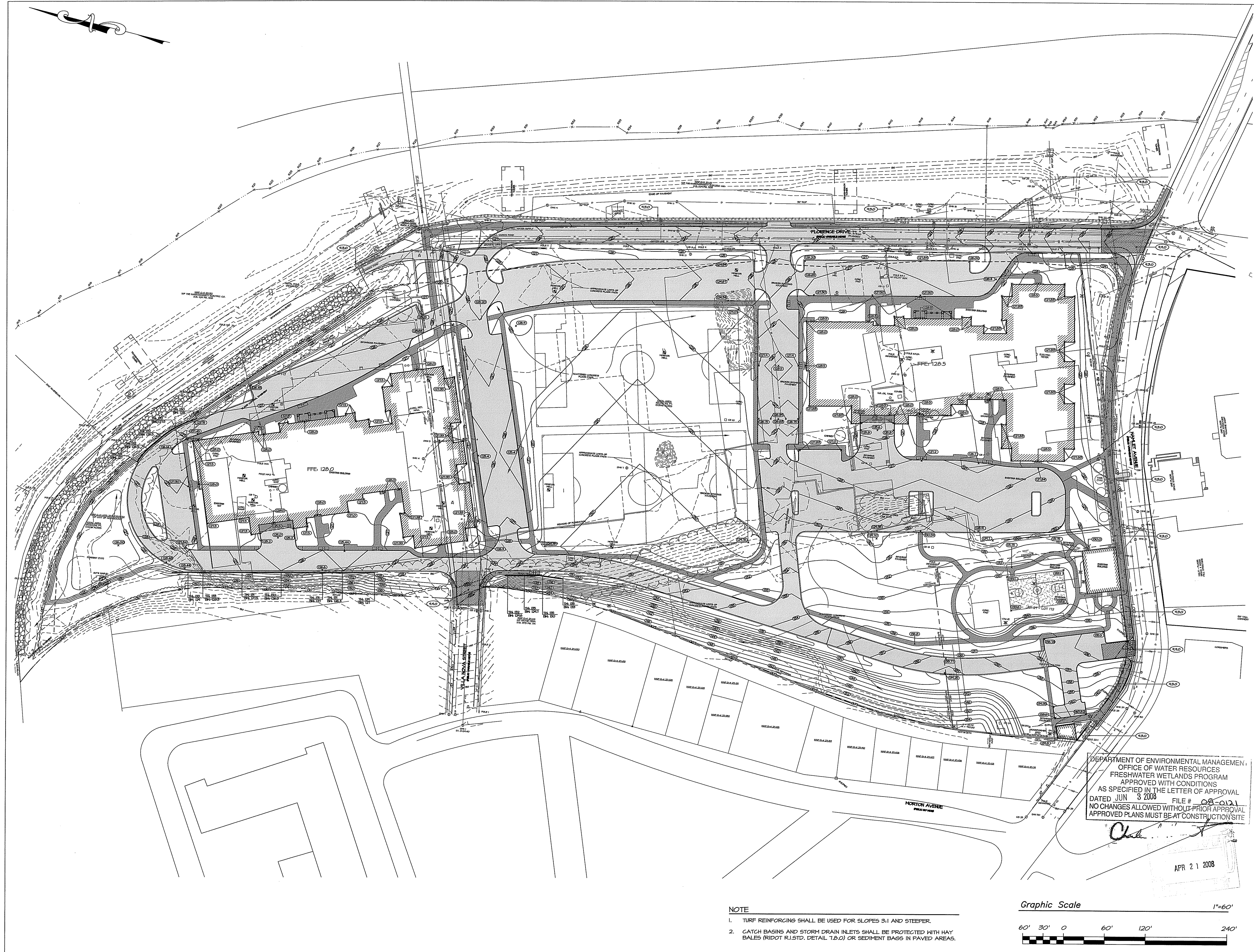
Keyplan



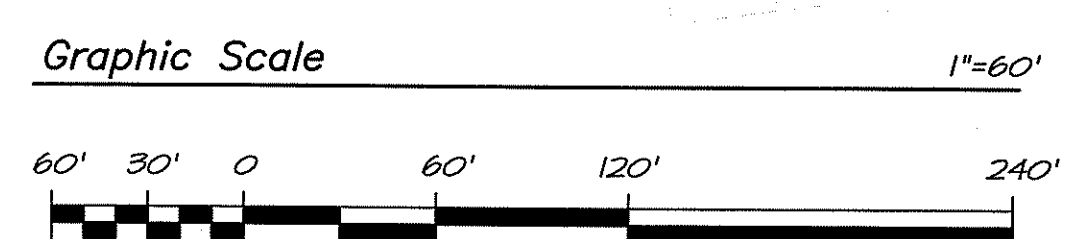
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OVERALL SITE LAYOUT PLAN

Scale: 1" = 60'
Job No: 070100/067602
Date: APRIL, 2008
Drawing Number:
C4.00
Sheet 5 of 13



- NOTE**
1. TURF REINFORCING SHALL BE USED FOR SLOPES 3:1 AND STEEPER.
 2. CATCH BASINS AND STORM DRAIN INLETS SHALL BE PROTECTED WITH HAY BALES (RIDOT R.I.S.T.D. DETAIL T.B.O.) OR SEDIMENT BAGS IN PAVED AREAS.



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77, 78, 81, 91, 165, & 170

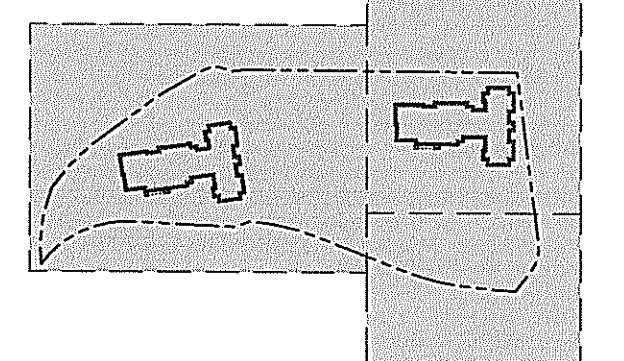
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SUBMISSION**

North Arrow



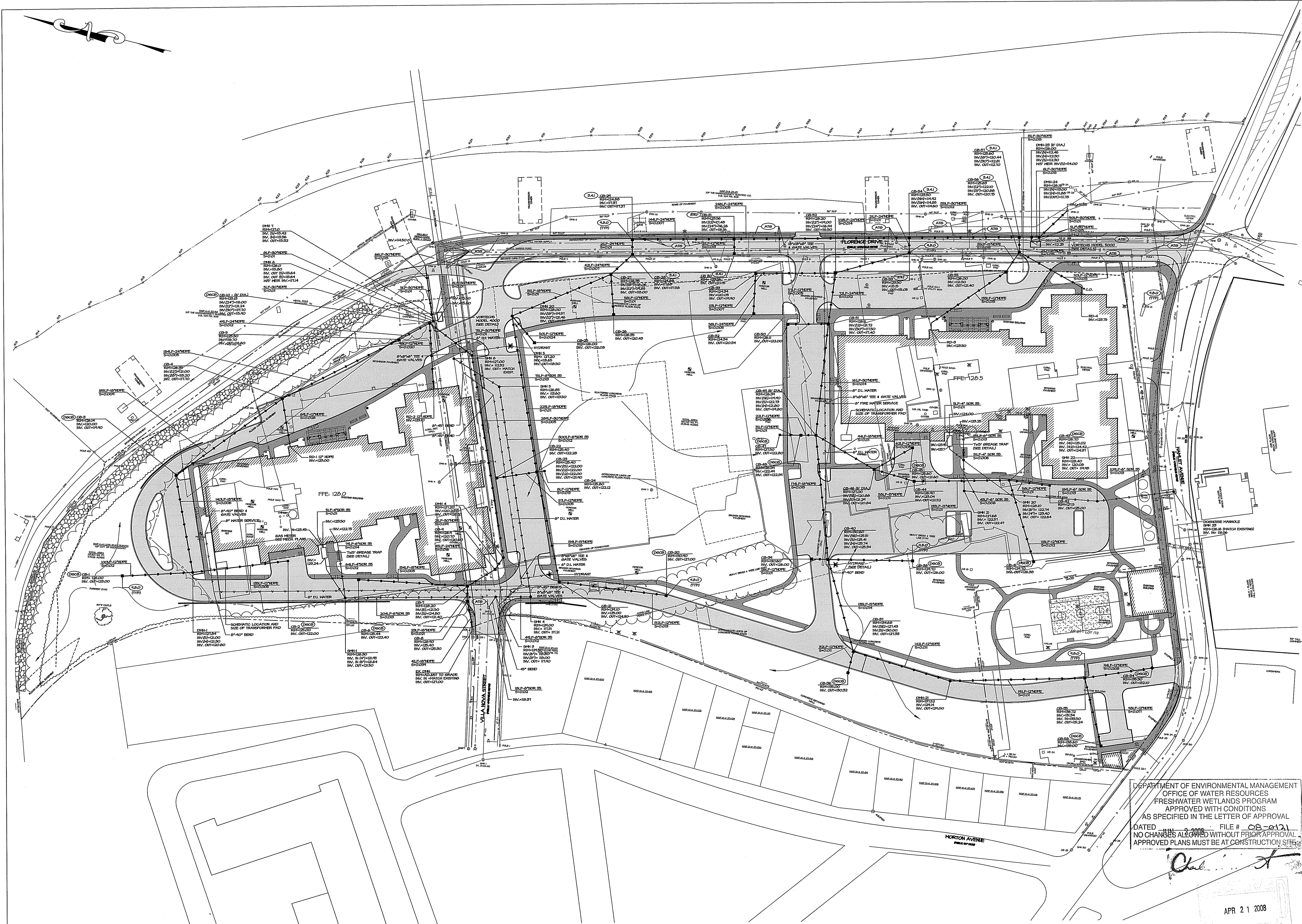
Keyplan



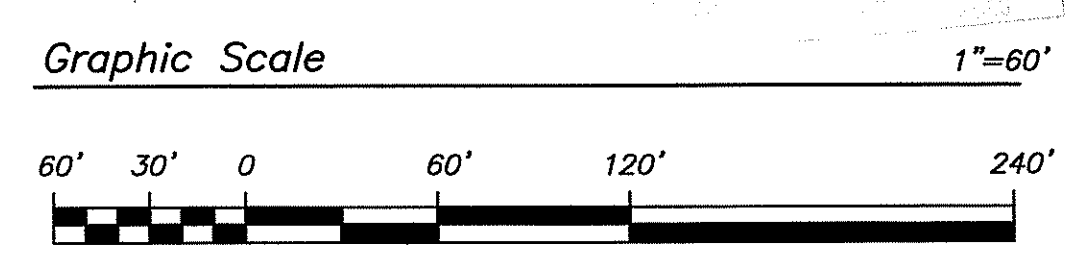
Drawing Name:

**OVERALL GRADING
AND EROSION
CONTROL PLAN**

Scale: 1" = 60' Drawing Number:
Job No: 070100/067602
Drawn By: **C5.00**
Date: APRIL, 2008 Sheet 6 of 13



- NOTES:
1. ALL SEWER MANHOLES, FRAMES AND COVERS SHALL CONFORM TO R.I. STD. 4.2.0 AND R.I. STD. 6.2.1
 2. CONTRACTOR TO VERIFY ALL PROPOSED INVERTS TIE INTO EXISTING LINES AT OR ABOVE THE EXISTING ELEVATIONS ON EXISTING LINE.
 3. ALL CATCH BASINS SHALL CONFORM TO R.I. STD. 4.4.0 AND R.I. STD. 6.3.2 UNLESS OTHERWISE NOTED.
 4. ALL DRAINAGE MANHOLES SHALL CONFORM TO R.I. STD. 4.2.0 AND R.I. STD. 6.2.1 UNLESS OTHERWISE NOTED.



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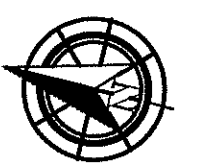
**HAMLET AVENUE,
FLORENCE DRIVE &
VILLA NOVA STREET**

**ASSESSOR'S PLAT 27
LOTS 13, 24, 26, 62, 63,
77, 78, 81, 91, 165, & 170**

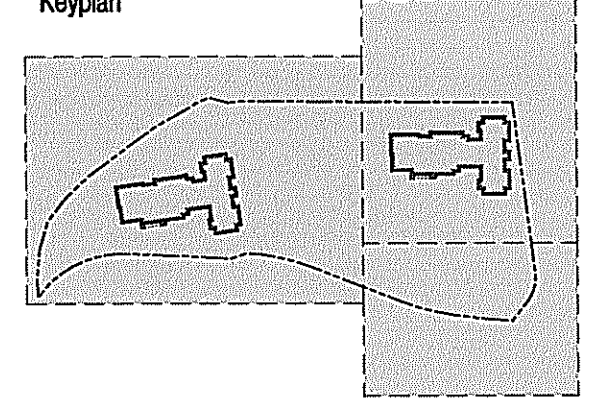
ANDREW J. CHAGNON
No. 7858
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(CIVIL)

**RIDEM
SUBMISSION**

North Arrow



Keyplan



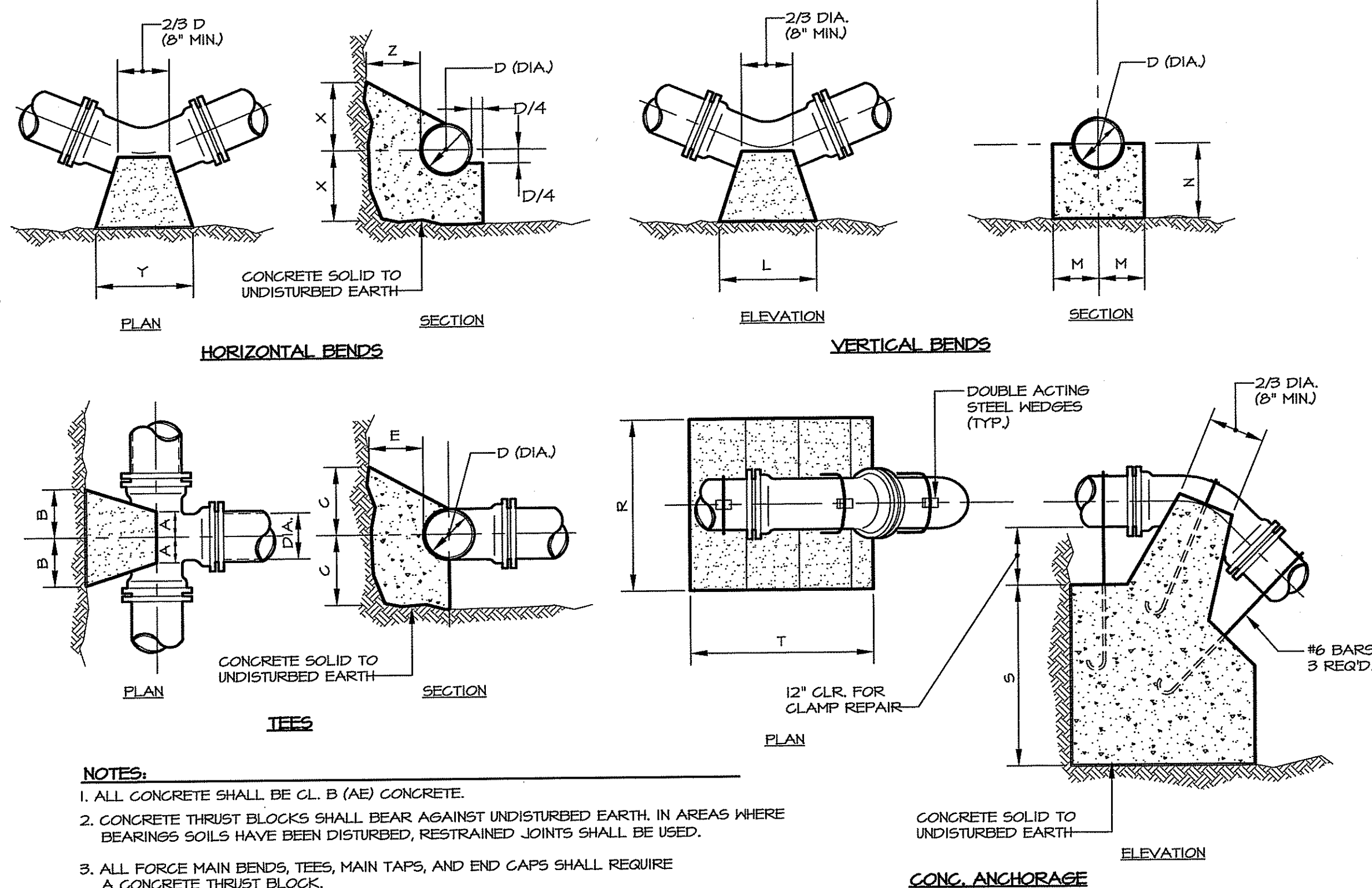
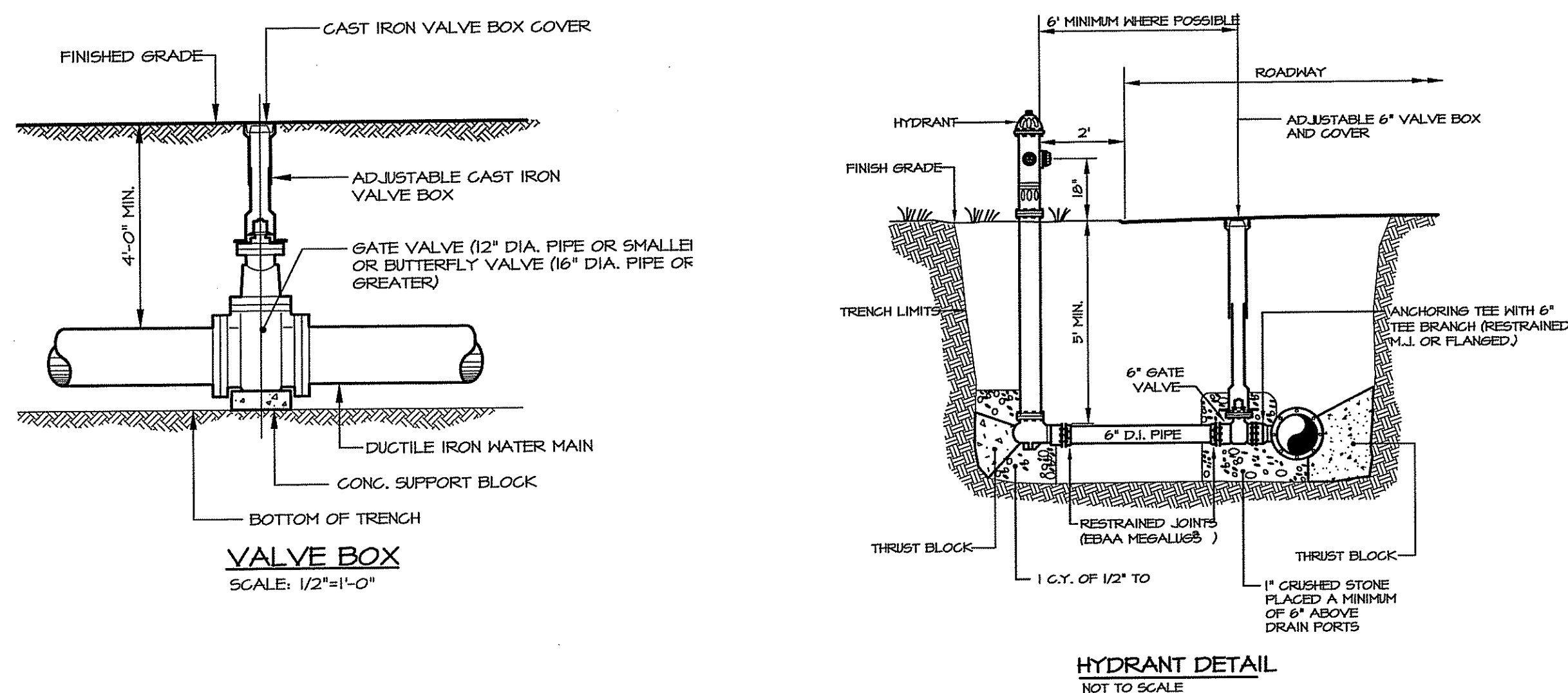
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**OVERALL
DRAINAGE &
UTILITY PLAN**

Scale: 1" = 60' Drawing Number:
Job No: 070100/067602
Drawn By: **C6.00**
Date: APRIL, 2008 Sheet 7 of 13

Drawn By: **C7.1**
Date: APRIL, 2008 Sheet 8 of 13

Scale: As Noted	Drawing Number:
Job No: 070100/06176.02	C7.2
Drawn By:	
Date: APRIL, 2008	
	Sheet 9 of 1



- NOTES:**
1. ALL CONCRETE SHALL BE CL. B (AE) CONCRETE.
 2. CONCRETE THRUST BLOCKS SHALL BEAR AGAINST UNDISTURBED EARTH. IN AREAS WHERE BEARING SOILS HAVE BEEN DISTURBED, RESTRAINED JOINTS SHALL BE USED.
 3. ALL FORCE MAIN BENDS, TEES, MAIN TAPS, AND END CAPS SHALL REQUIRE A CONCRETE THRUST BLOCK.

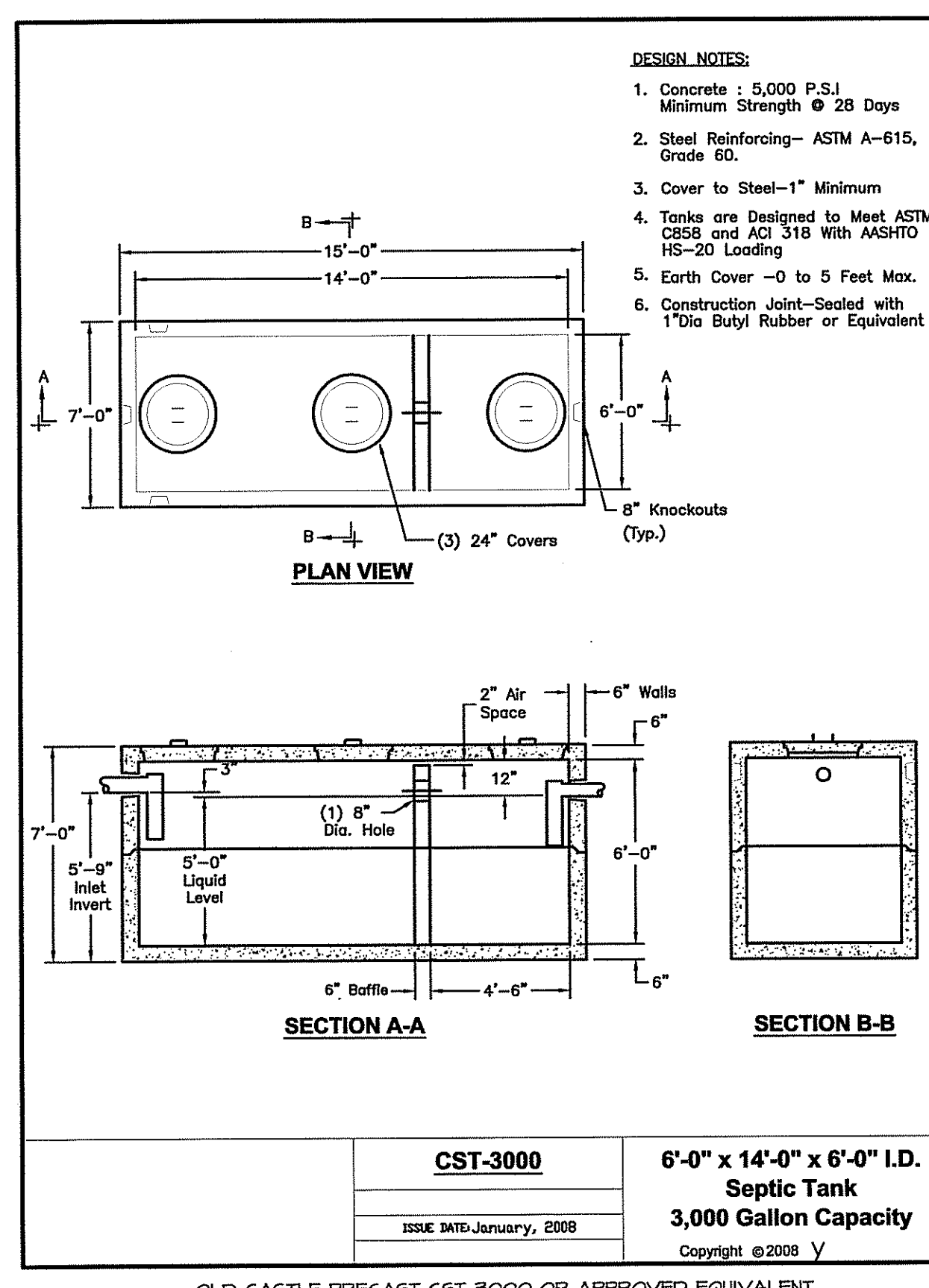
TIRES				
PIPE SIZE-D (DIA.)				
	6"	8"	12"	20"
A	8"	10"	14"	24"
B	8"	10"	14"	24"
C	10"	14"	18"	30"
E	8"	10"	14"	24"

HORIZONTAL BENDS				
PIPE SIZE-D (DIA.)				
BEND	6"	8"	12"	20"
1/8"	X	1'-0"	1'-0"	1'-3"
1/4"	Y	1'-0"	1'-0"	1'-3"
1/2"	Z	1'-0"	1'-0"	1'-3"
3/4"	X	1'-0"	1'-0"	1'-3"
1"	Y	1'-0"	1'-0"	1'-3"
1 1/8"	Z	1'-0"	1'-0"	1'-3"
1 1/4"	X	1'-0"	1'-0"	1'-3"
1 1/2"	Y	1'-0"	1'-0"	1'-3"
1 3/4"	Z	1'-0"	1'-0"	1'-3"

VERTICAL BENDS				
PIPE SIZE-D (DIA.)				
BEND	6"	8"	12"	20"
1/8"	L	1'-3"	1'-3"	1'-6"
1/4"	M	1'-3"	1'-3"	1'-6"
1/2"	N	1'-3"	1'-3"	1'-6"
3/4"	L	1'-3"	1'-3"	1'-6"
1"	M	1'-3"	1'-3"	1'-6"
1 1/8"	N	1'-3"	1'-3"	1'-6"
1 1/4"	L	1'-3"	1'-3"	1'-6"
1 1/2"	M	1'-3"	1'-3"	1'-6"
1 3/4"	N	1'-3"	1'-3"	1'-6"

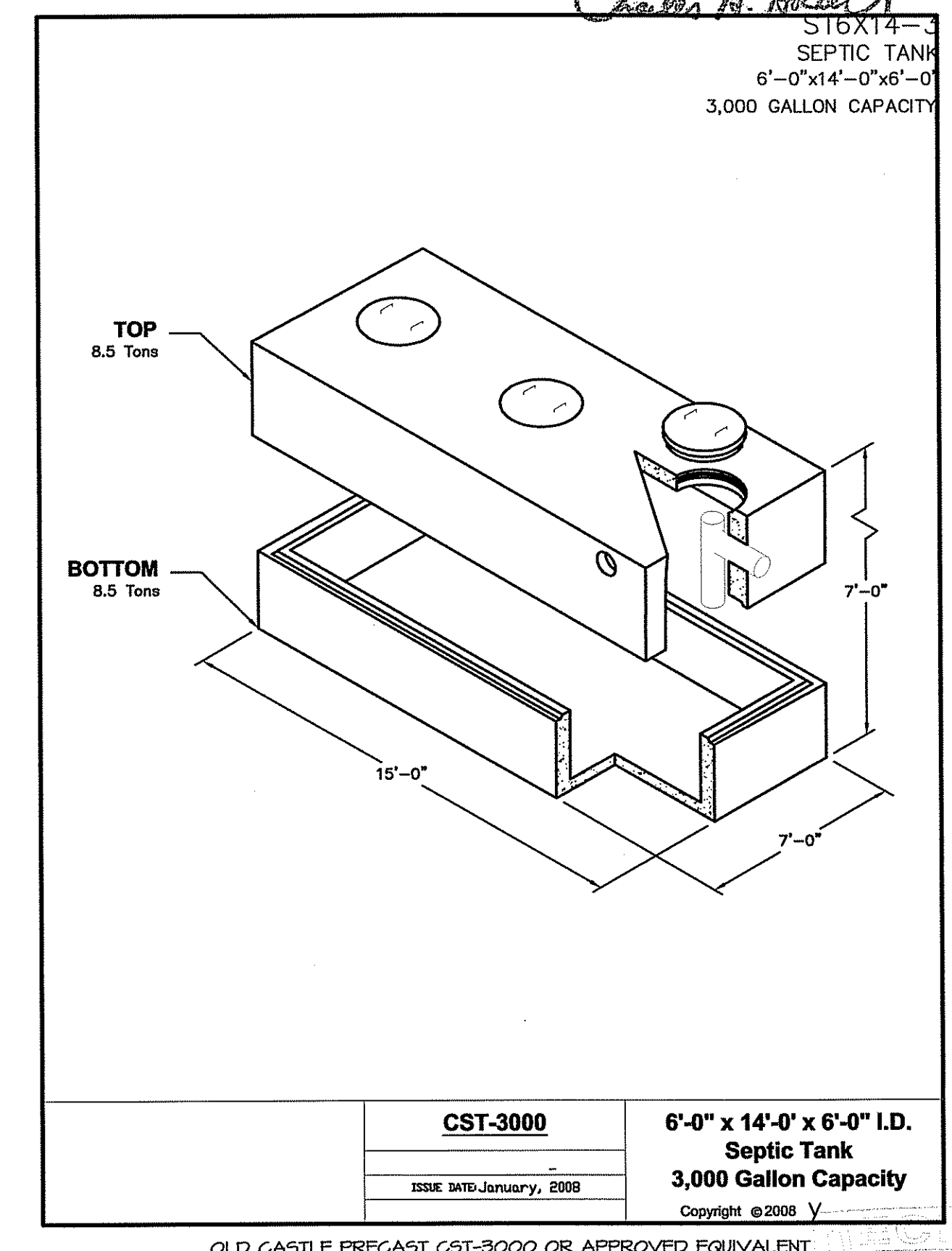
ANCHORAGES				
PIPE SIZE-D (DIA.)				
BEND	6"	8"	12"	20"
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1/4"	S	2'-0"	2'-0"	2'-6"
1/2"	T	2'-0"	2'-0"	2'-6"
3/4"	R	2'-0"	2'-0"	2'-6"
1"	S	2'-0"	2'-0"	2'-6"
1 1/8"	T	2'-0"	2'-0"	2'-6"
1 1/4"	R	2'-0"	2'-0"	2'-6"
1 1/2"	S	2'-0"	2'-0"	2'-6"
1 3/4"	T	2'-0"	2'-0"	2'-6"

CONCRETE THRUST BLOCKS
NOT TO SCALE



CST-3000
6'-0" x 14'-0" x 6'-0" I.D.
Septic Tank
3,000 Gallon Capacity
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OLD CASTLE PRECAST CST-3000 OR APPROVED EQUIVALENT



CST-3000
6'-0" x 14'-0" x 6'-0" I.D.
Septic Tank
3,000 Gallon Capacity
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OLD CASTLE PRECAST CST-3000 OR APPROVED EQUIVALENT

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NOT TO SCALE

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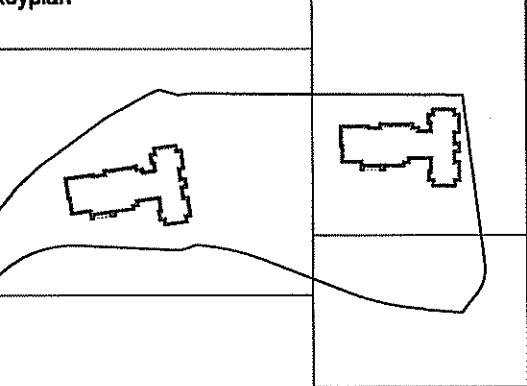
ANDREW J. CHAGNON
No. 7858
REGISTERED PROFESSIONAL ENGINEER (CIVIL)

RIDEM SUBMISSION

North Arrow



Keyplan



Drawing Name:

SITE DETAILS No.3

Scale: Not To Scale
Job No: 070100/0617602
Drawn By: RB
Date: APRIL, 2008
Drawing Number: **C7.3**
Sheet 10 of 13

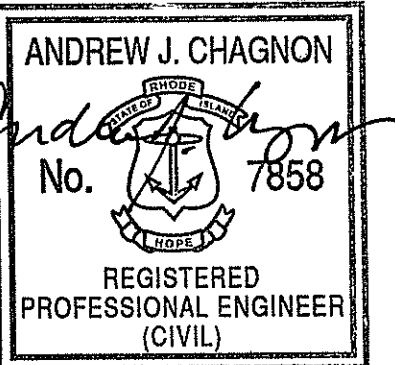


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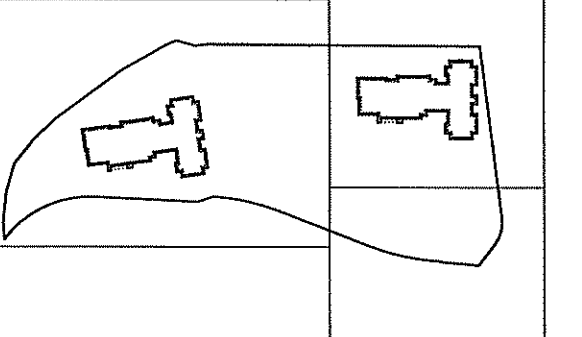


**RIDEM
SUBMISSION**

North Arrow



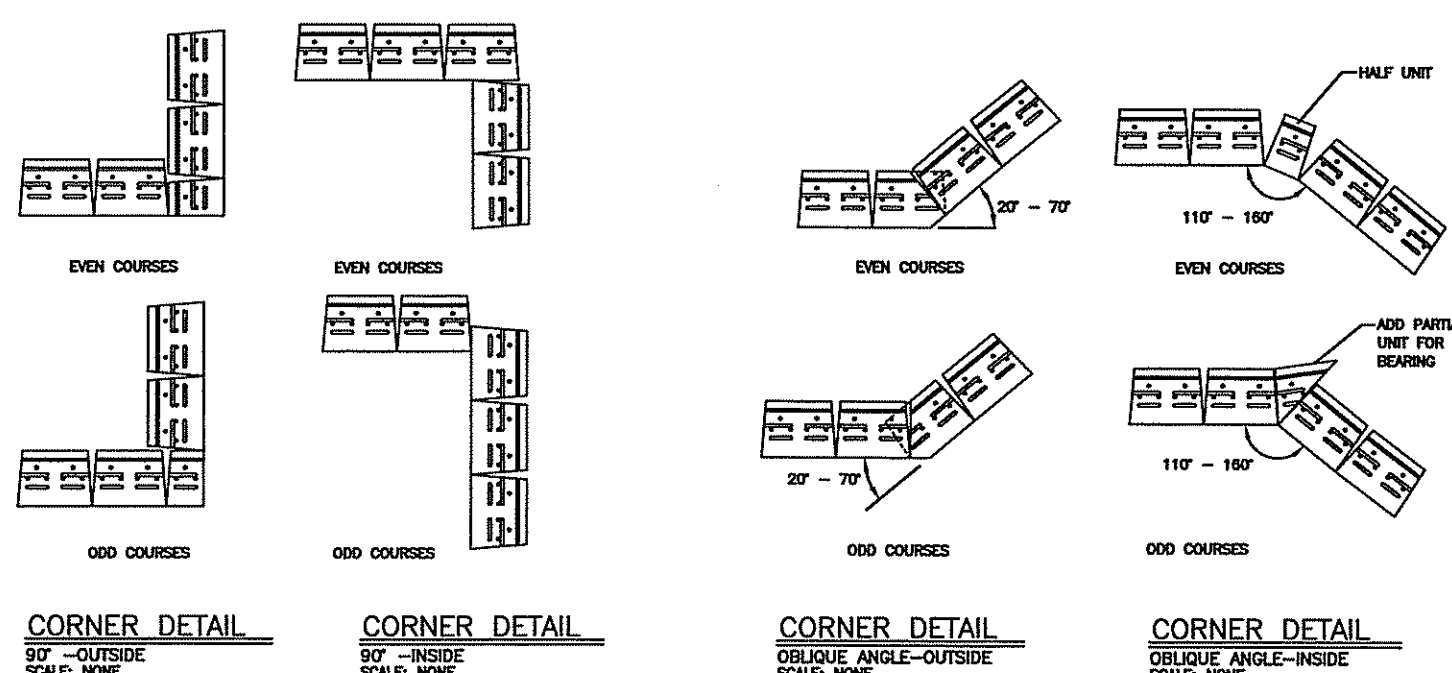
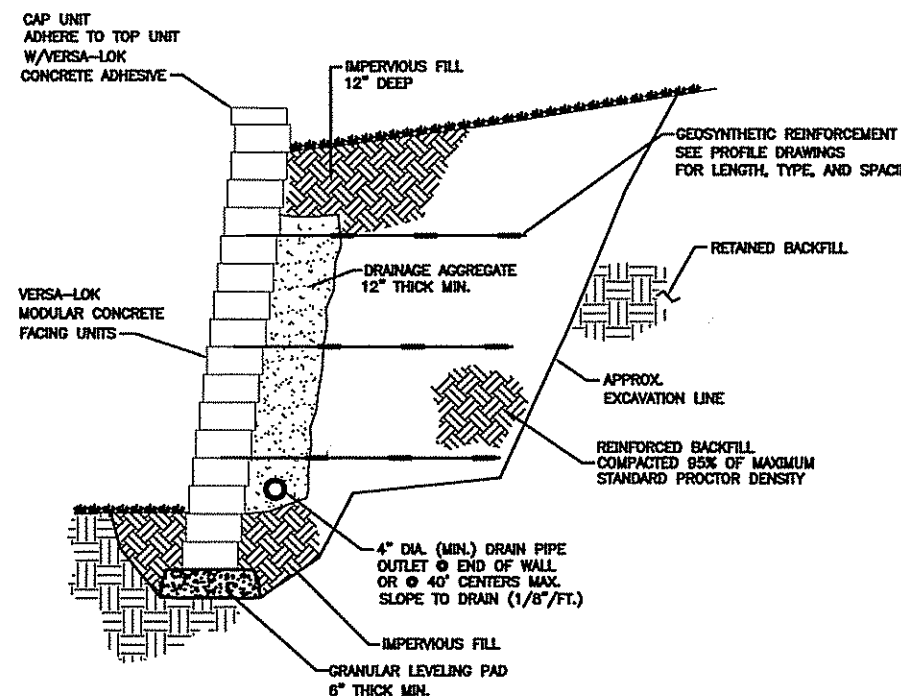
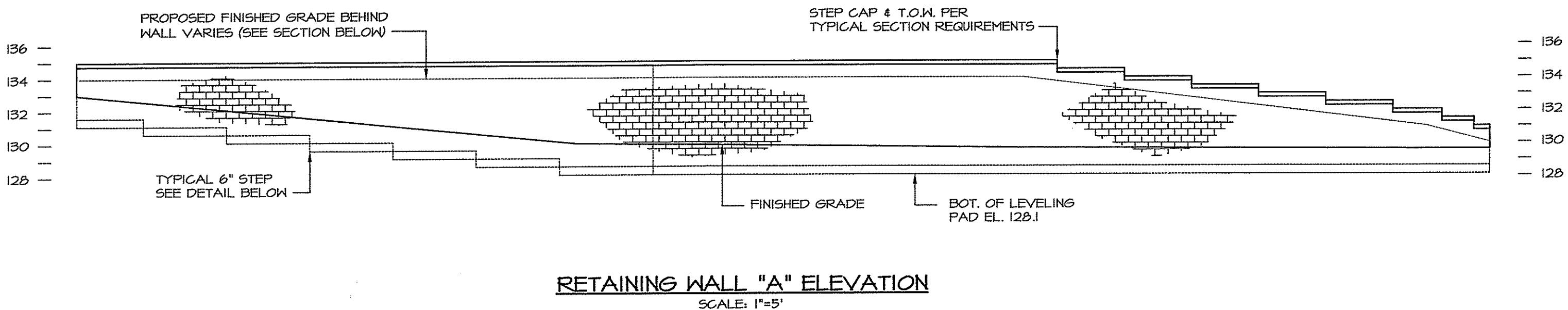
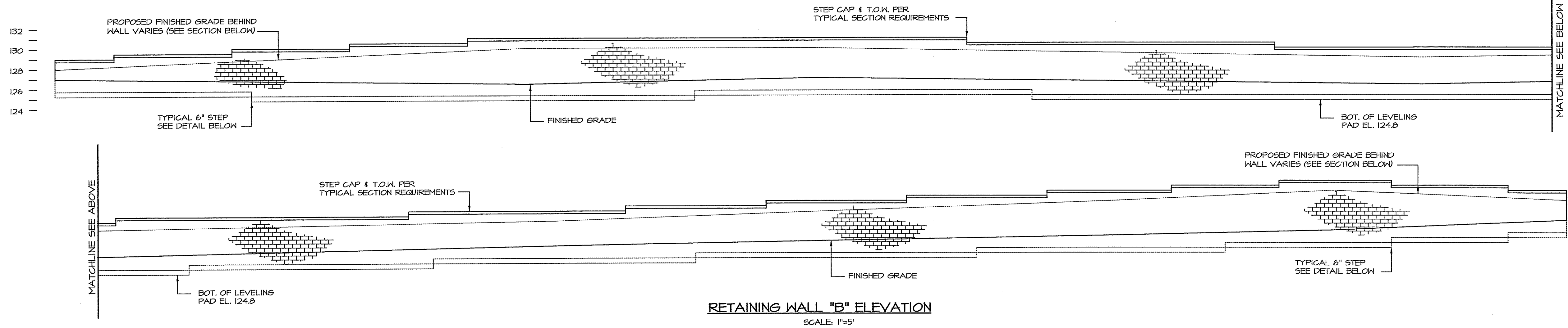
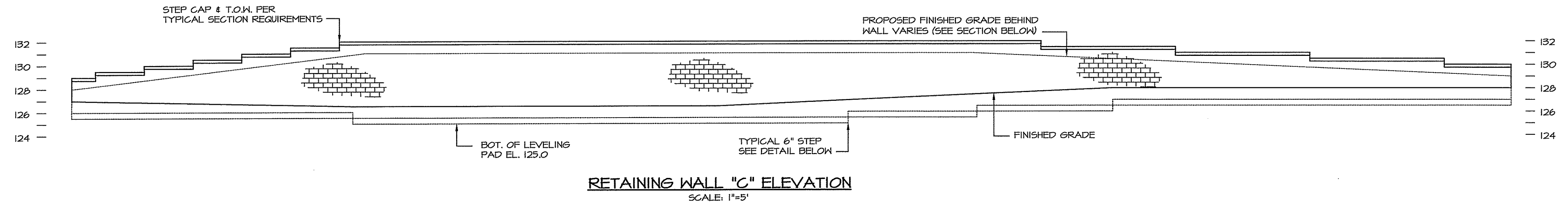
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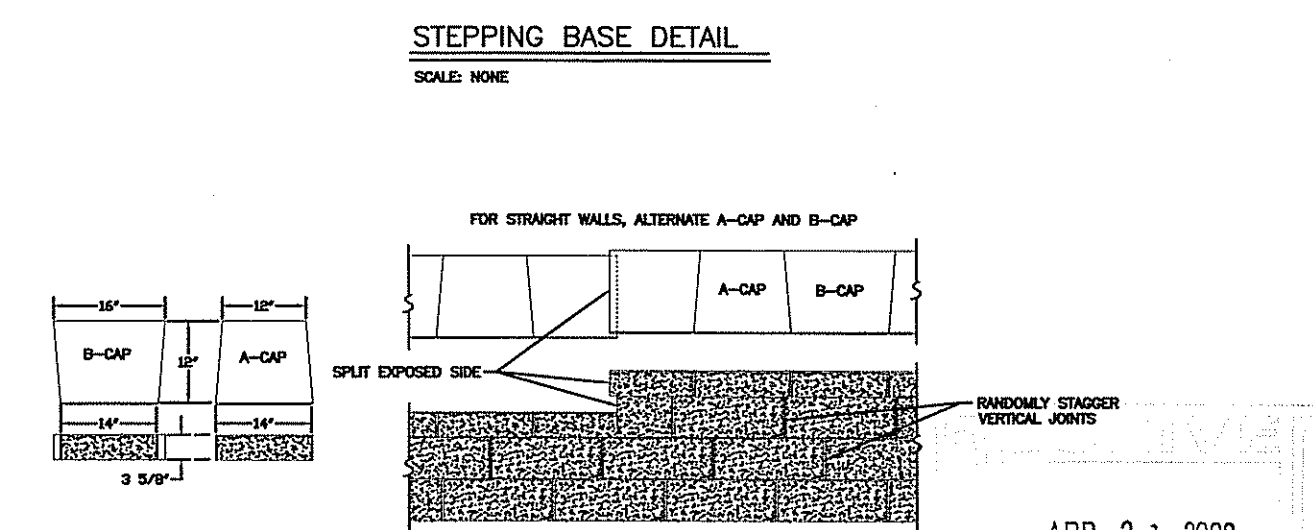
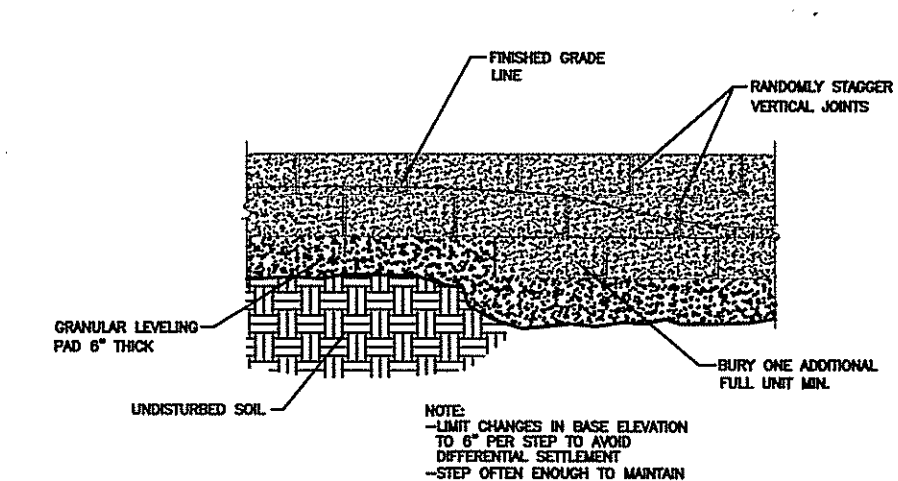
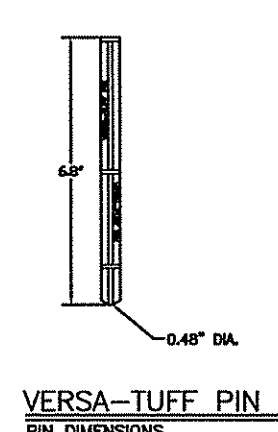
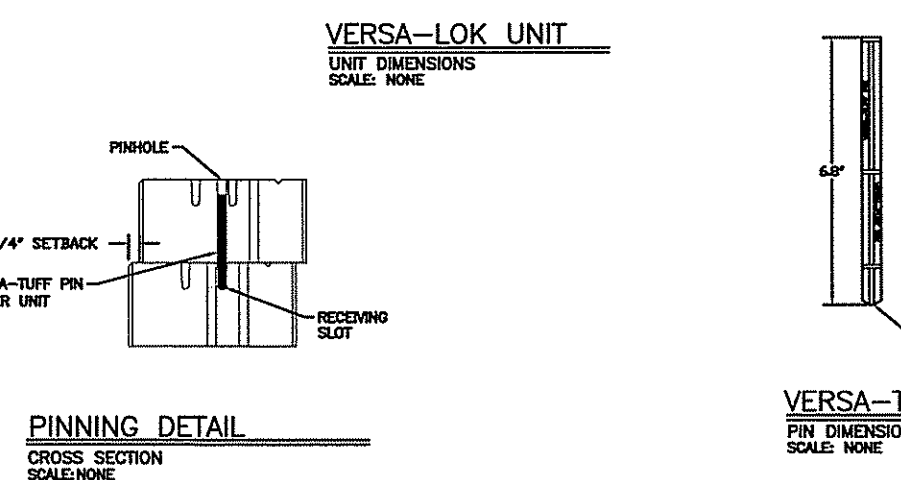
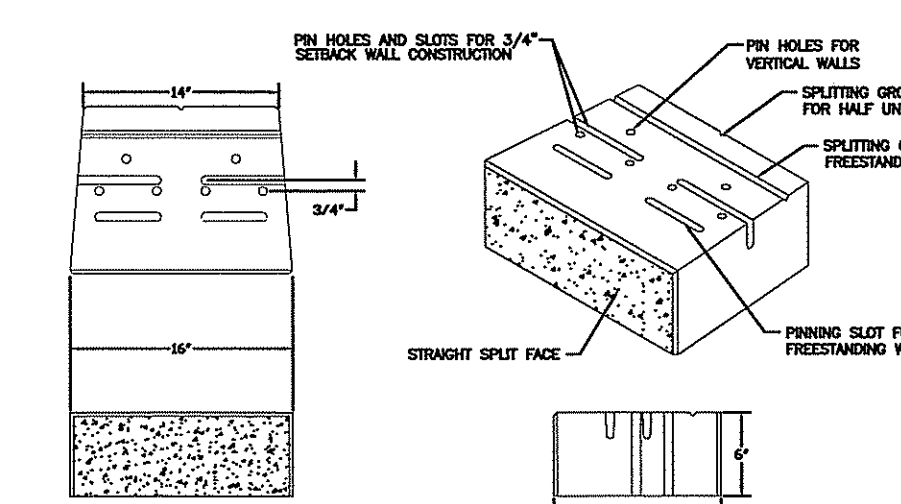
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Job No: 070100/06176.02
Drawn By: RB
Date: APRIL, 2008 Sheet 11 of 13
C7.4



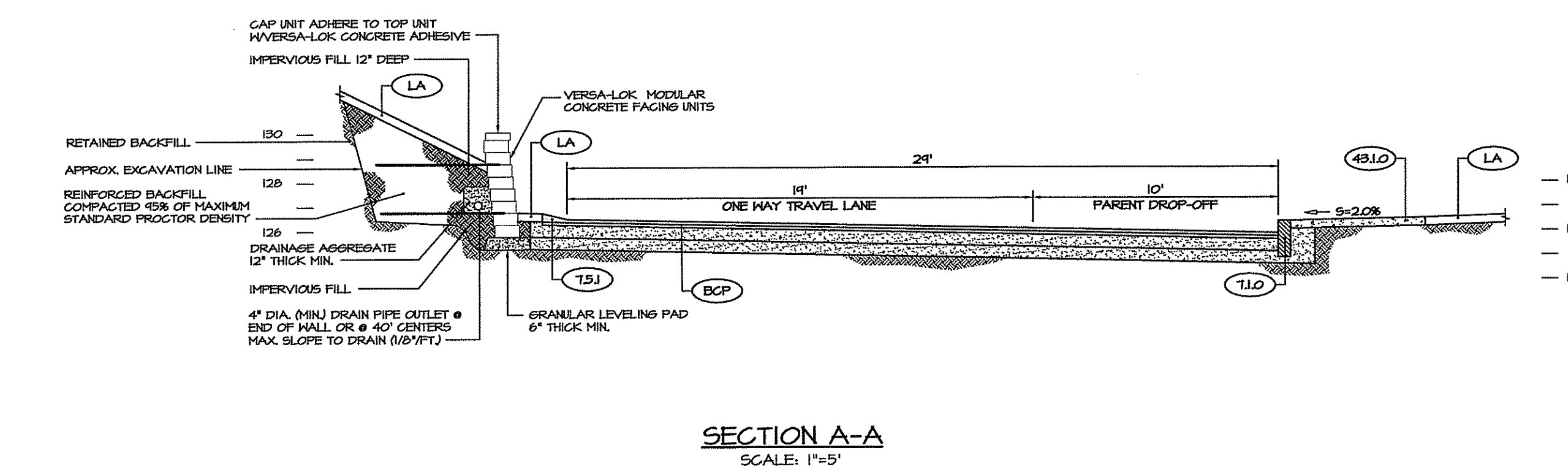
TYPICAL SECTION-REINFORCED RETAINING WALL
MODULAR CONCRETE UNIT
SHALL HAVE
* SEE "REMEDIATION ACTION PLANS"

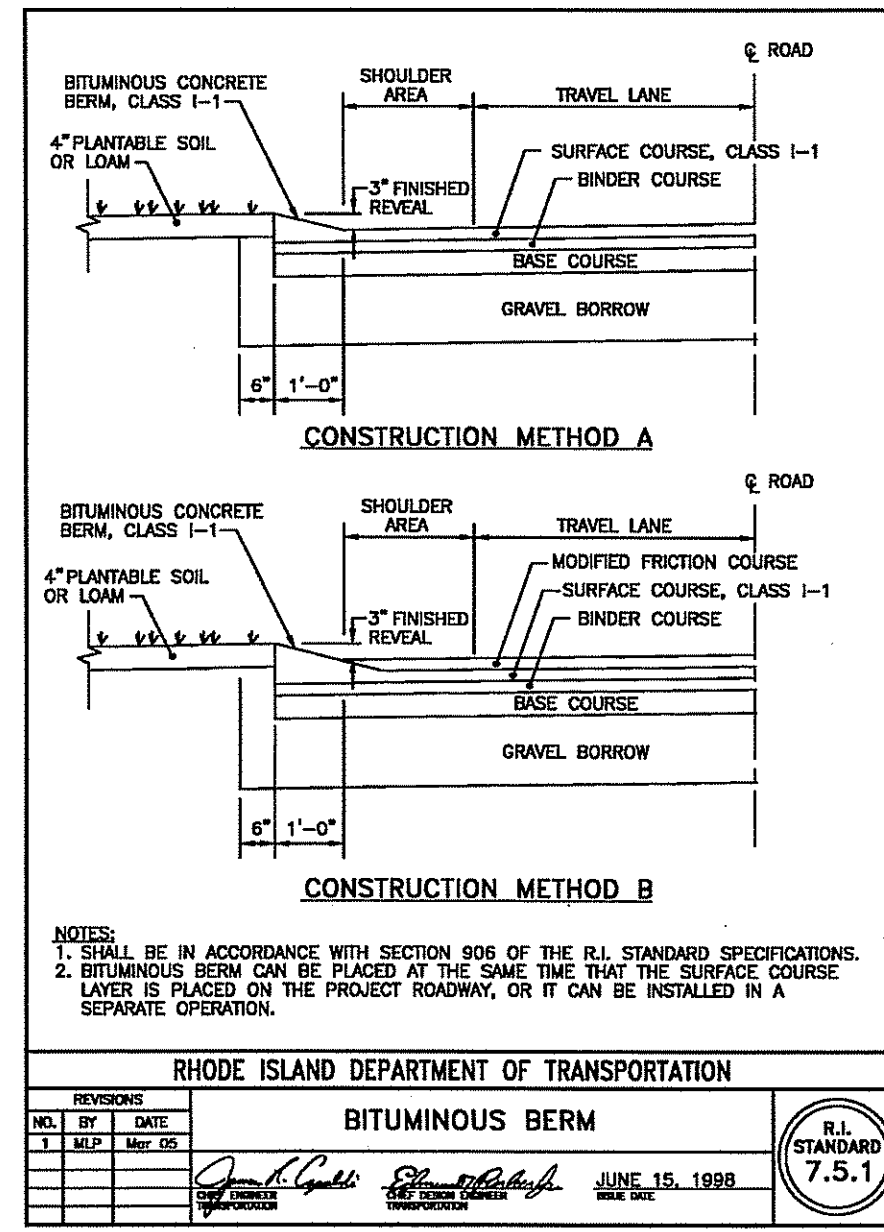
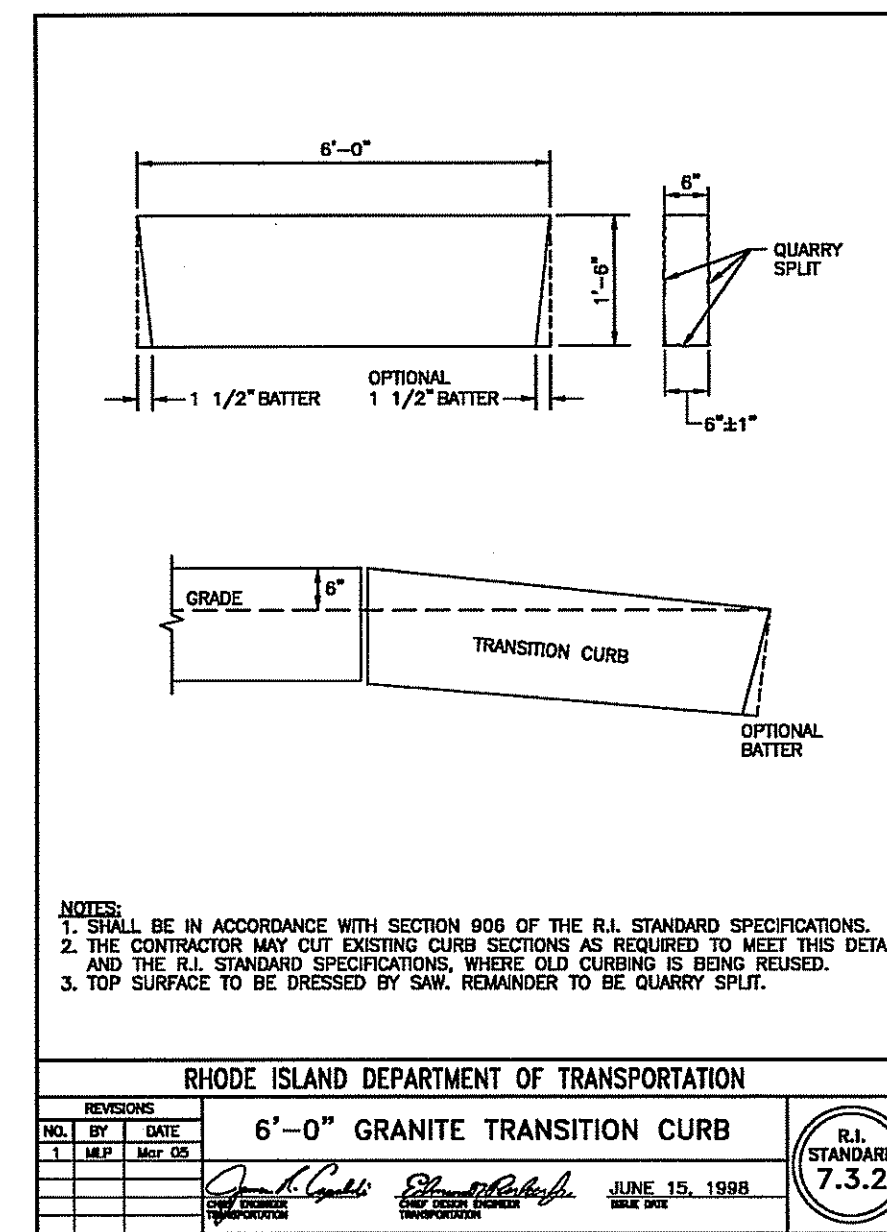
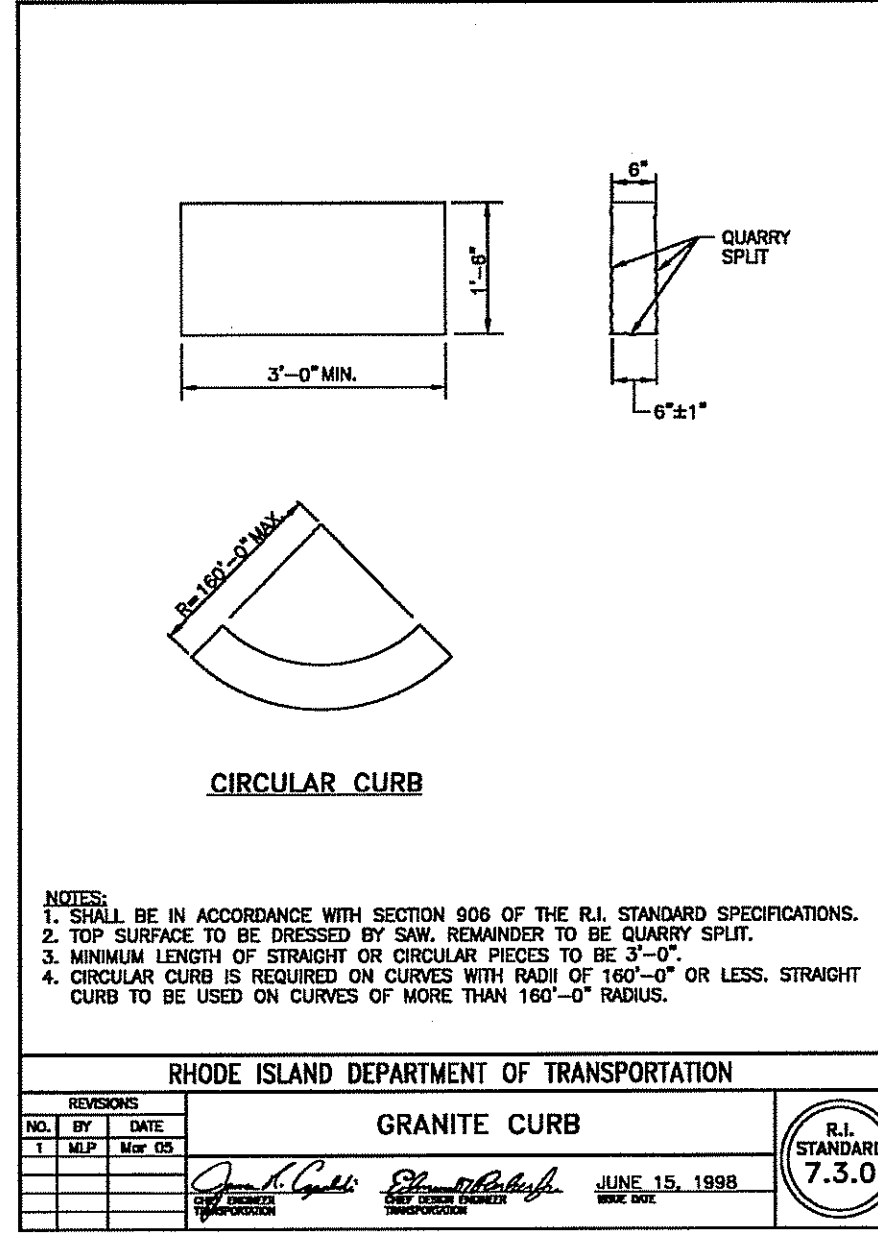
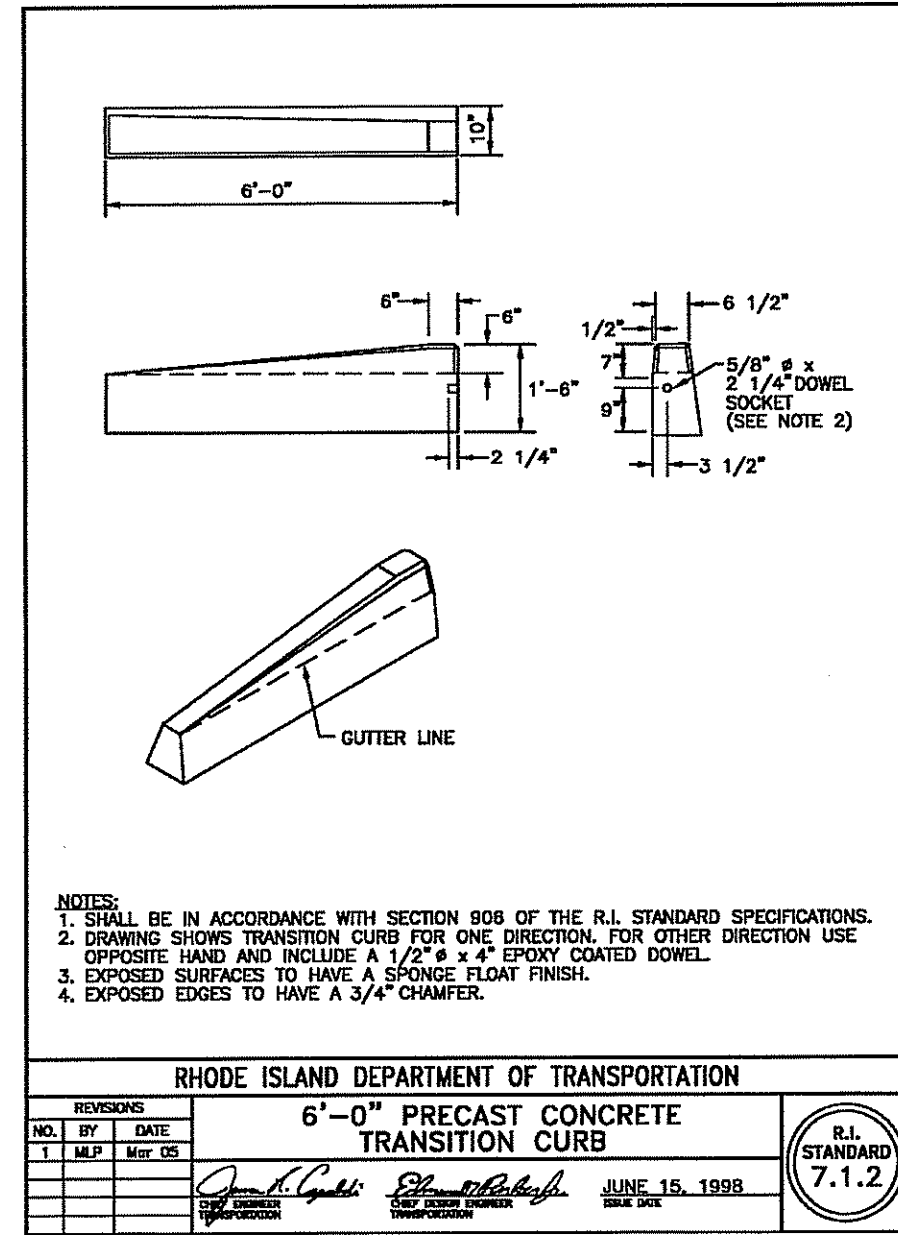
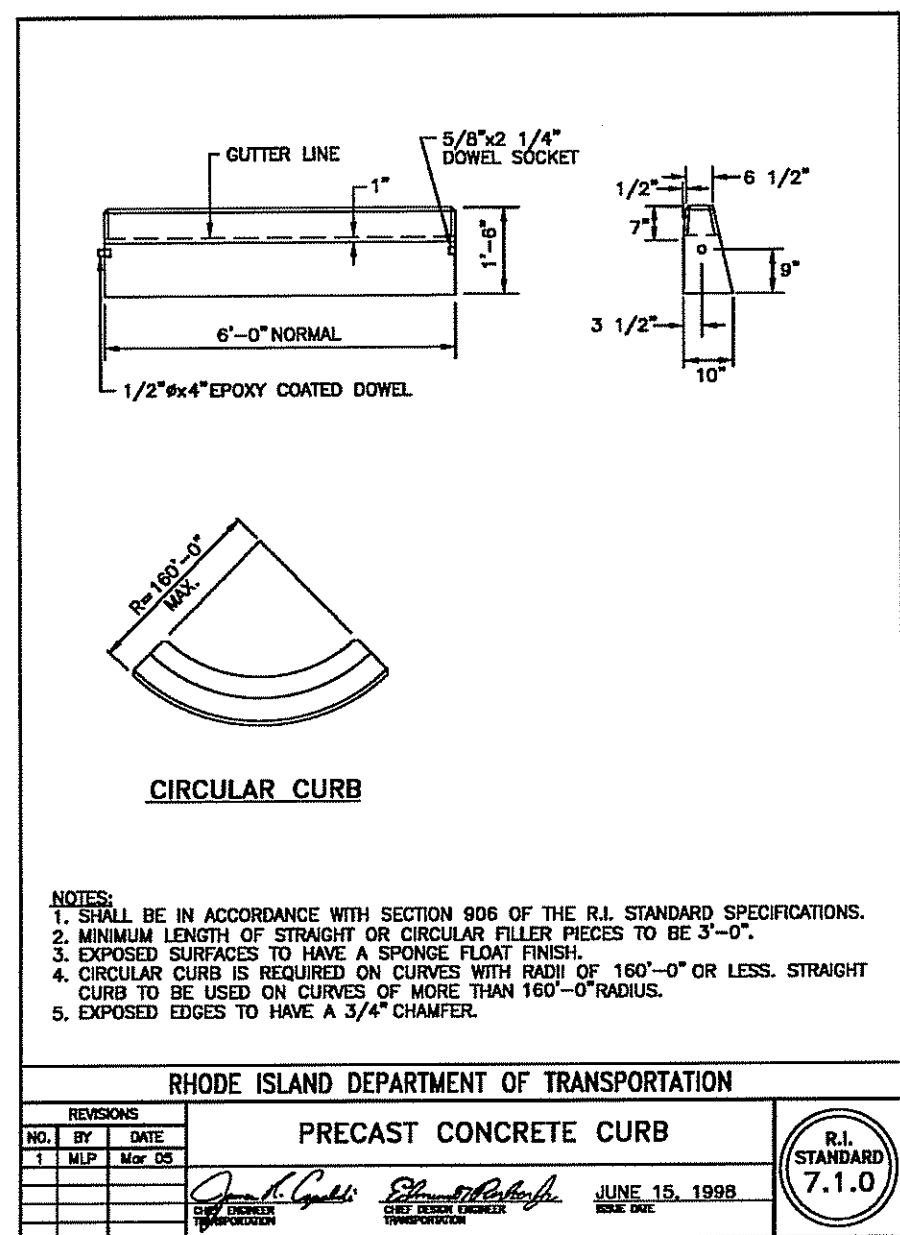
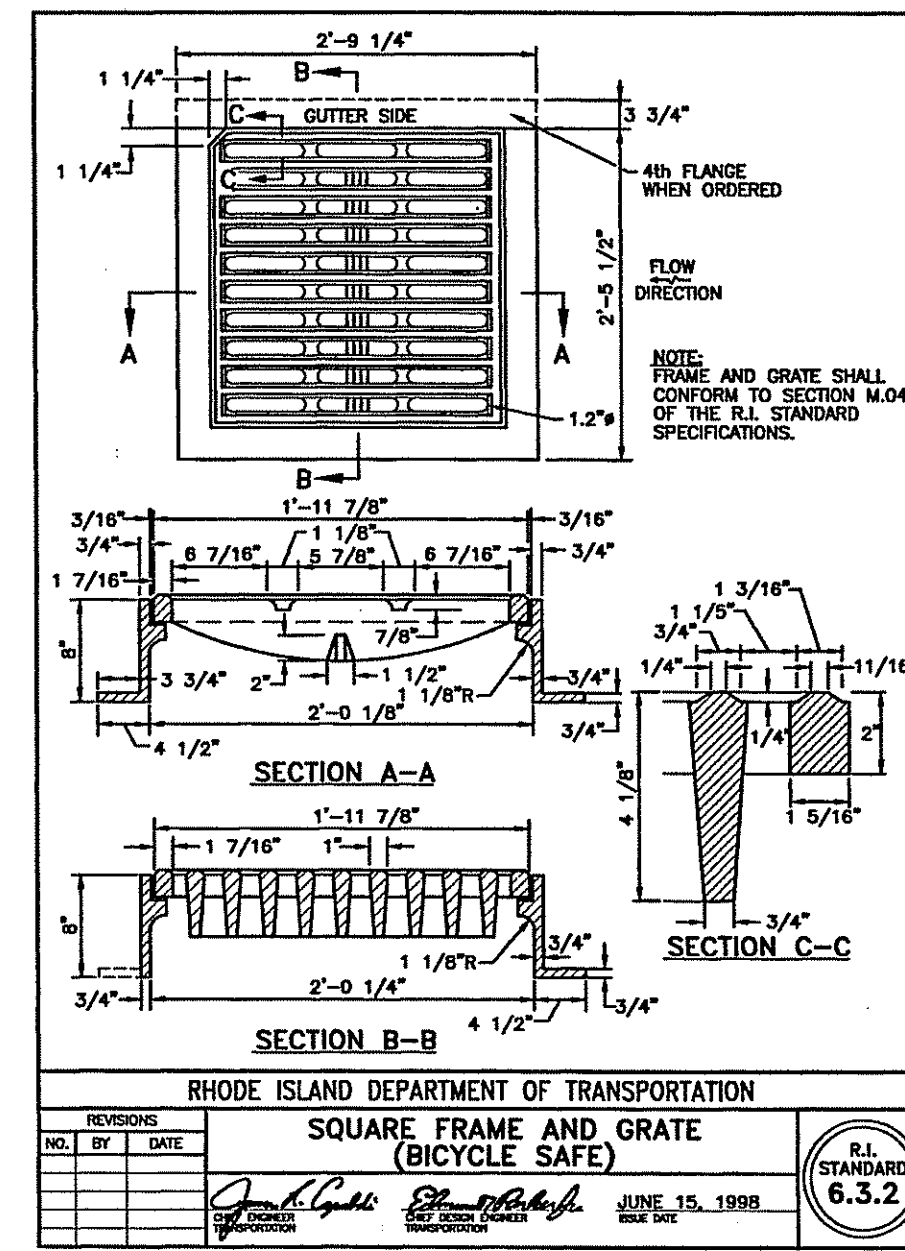
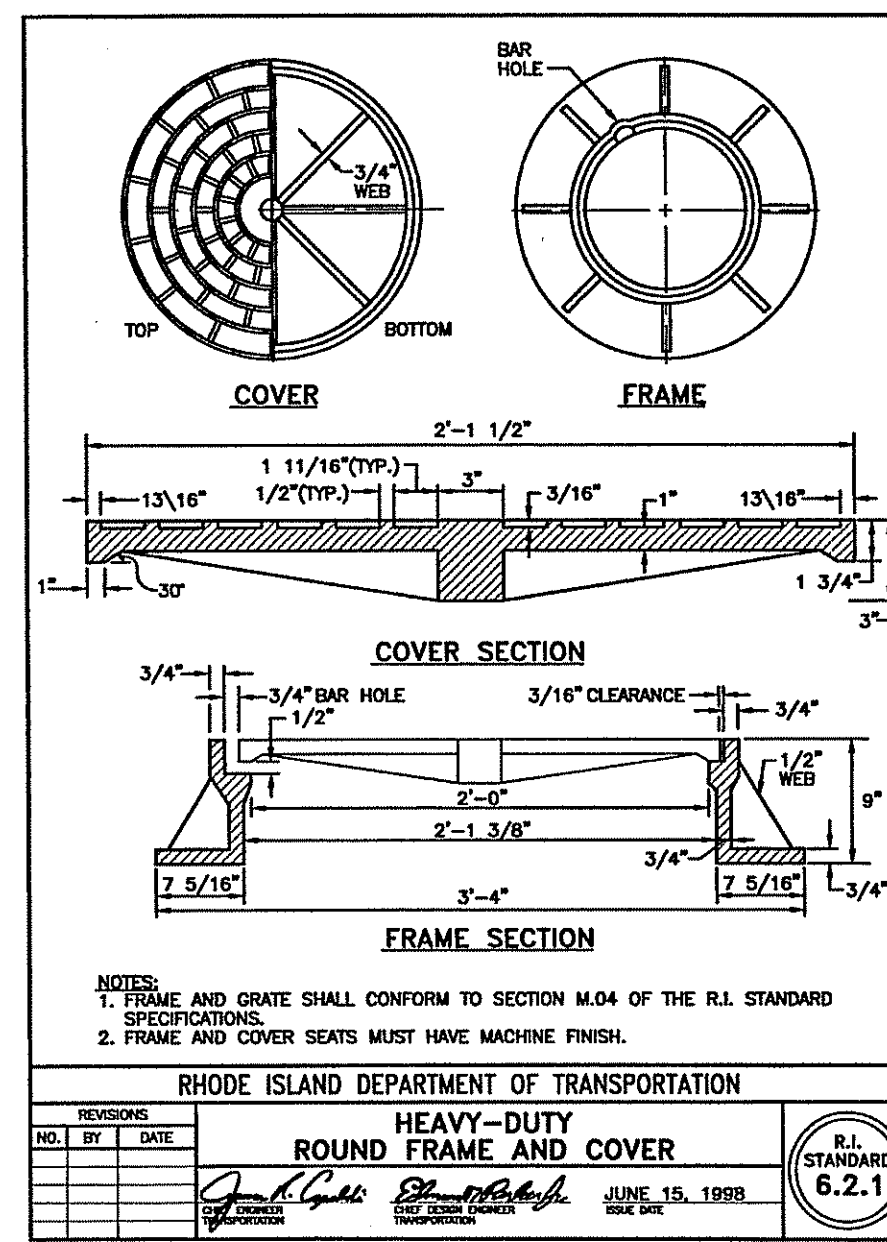
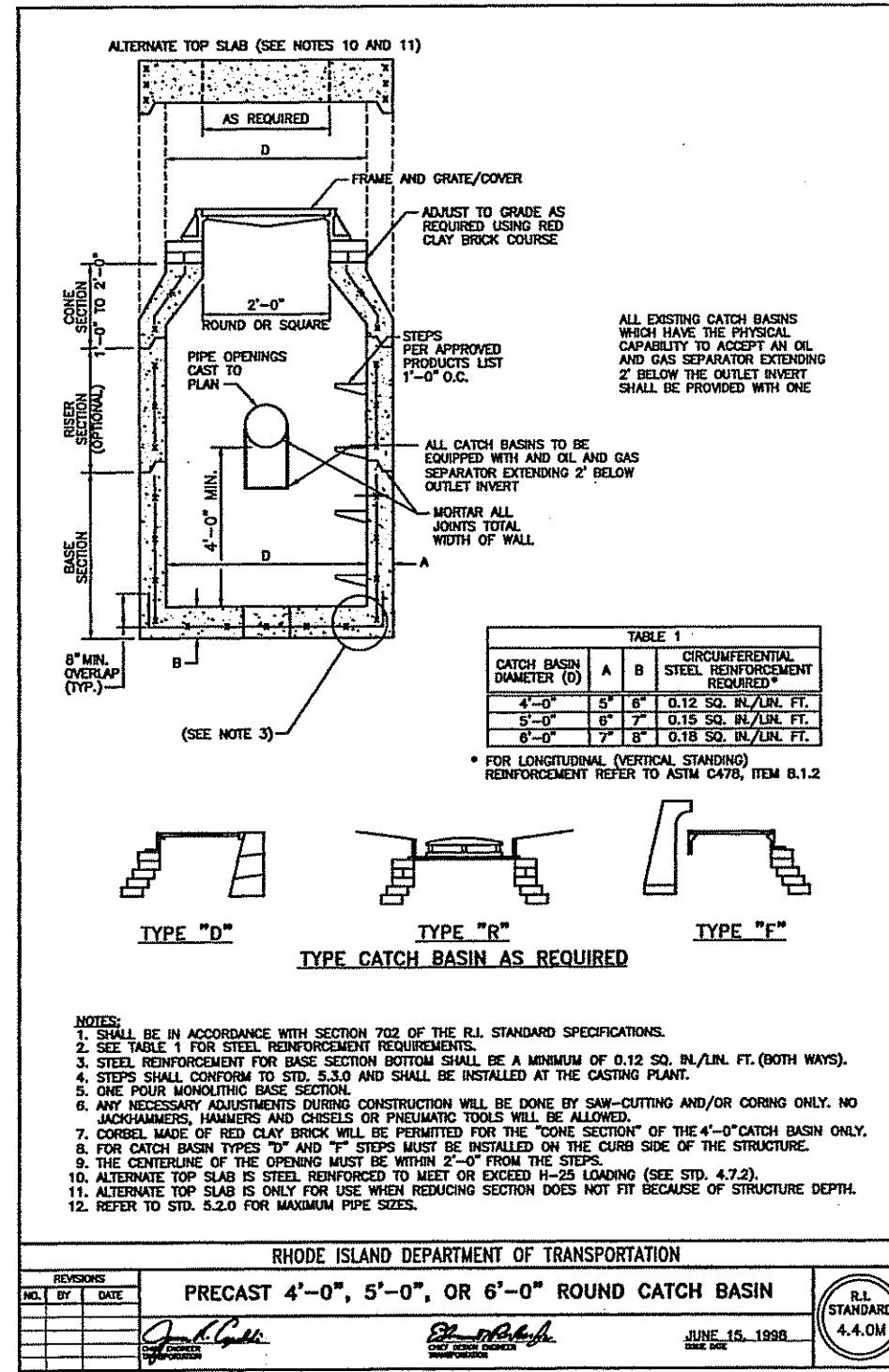
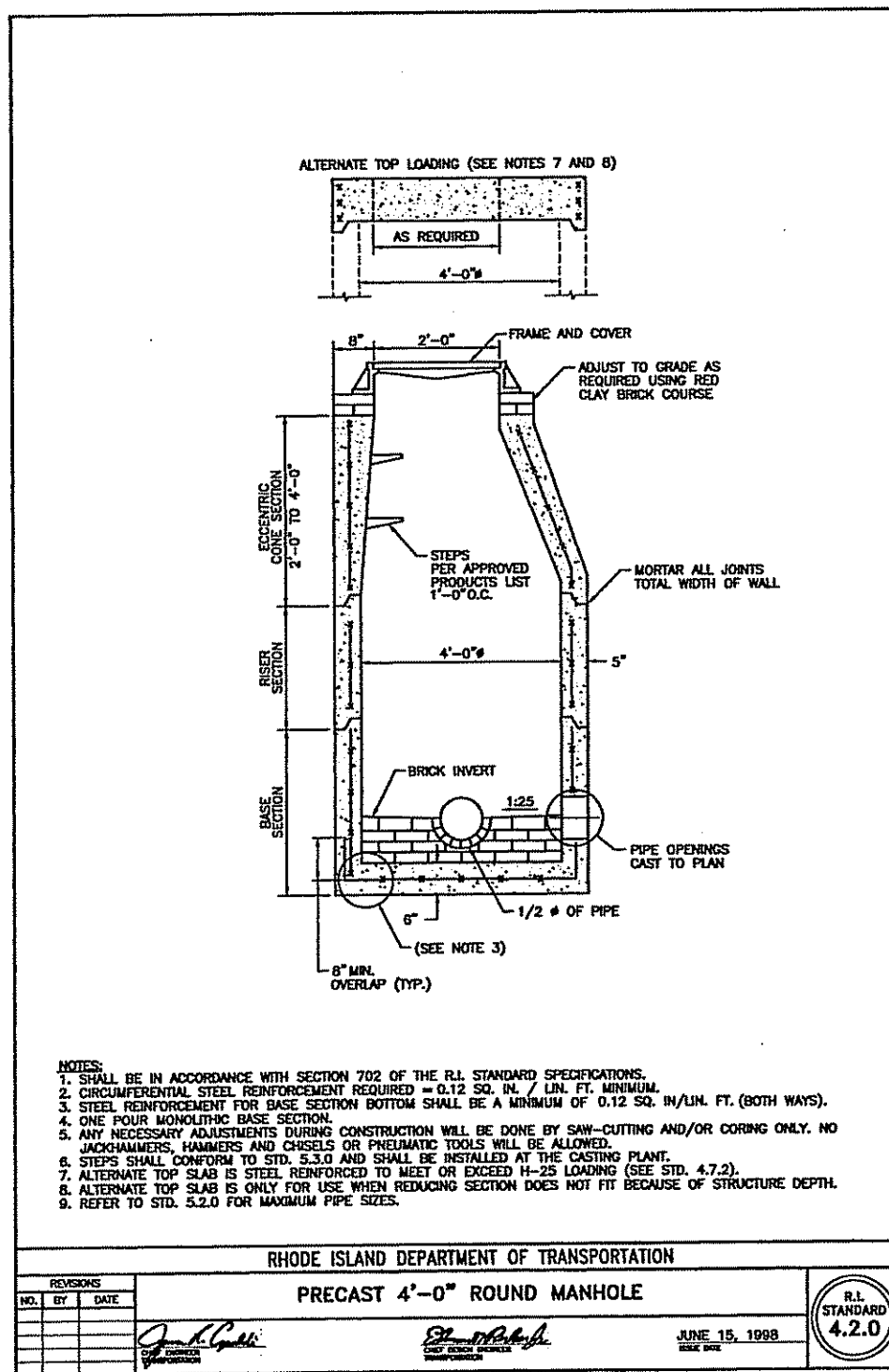
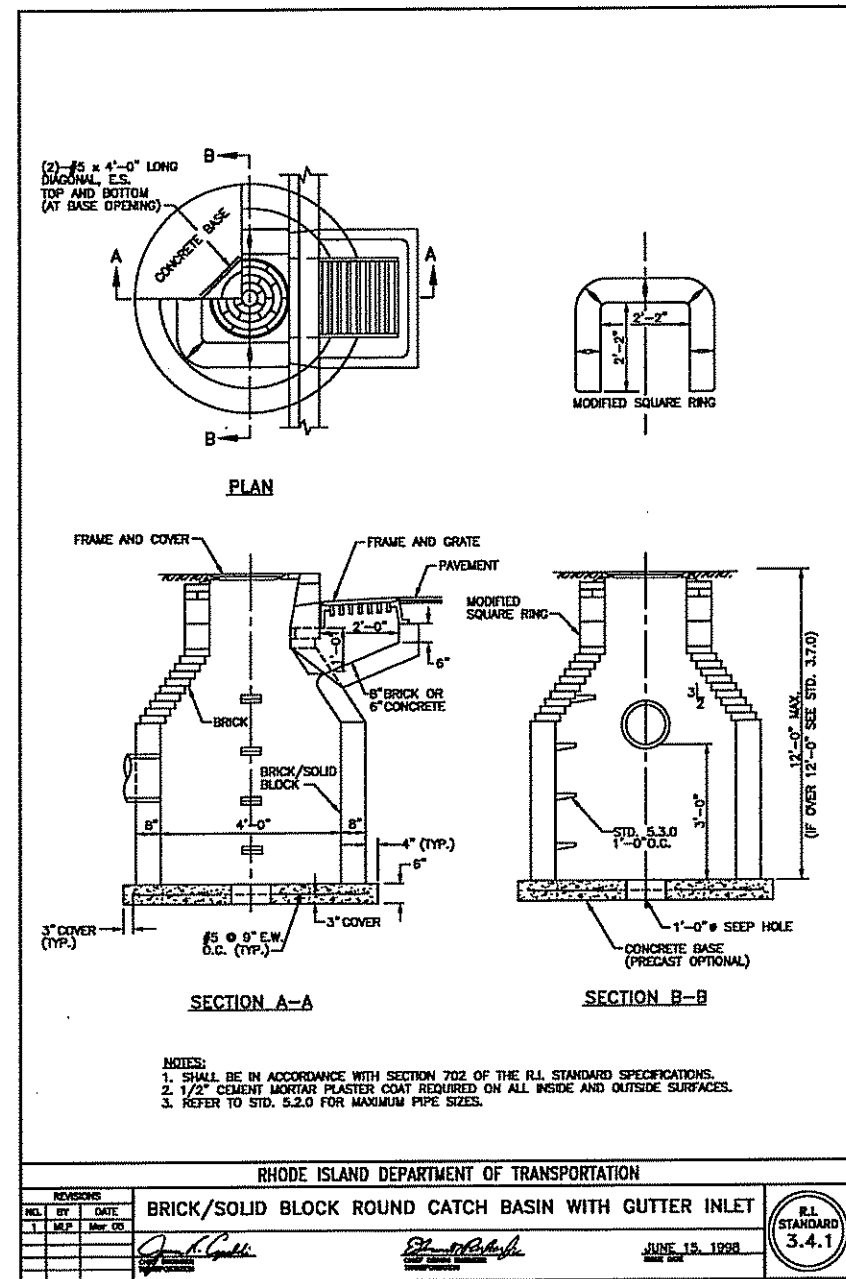


GENERAL NOTES FOR CAPPING:
1. CAPS SHALL BE ADHERED TO WALL USING VERSA-LOK CONCRETE ADHESIVE.
2. CAPS SHALL BE PLACED WITH A 1/2" TO 3/4" OVERLAP OF TOP COURSE.
3. WHEN SPLITTING CAP UNIT FOR WALL END DO NOT USE A CAP SECTION LESS THAN 6" WIDE.
4. DO NOT OVERLAP CAP AT END OF COURSE MORE THAN 1/4".

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VERS-LOK RETAINING WALL DETAILS
NOT TO SCALE
SEE REMEDIATION ACTION PLANS FOR MINIMUM CAPPING REQUIREMENTS





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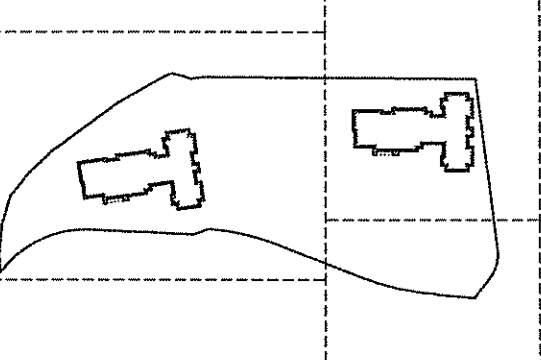
Andrew J. Chagnon
No. 7858
REGISTERED PROFESSIONAL ENGINEER (CIVIL)

RIDEM SUBMISSION

North Arrow



Keyplan

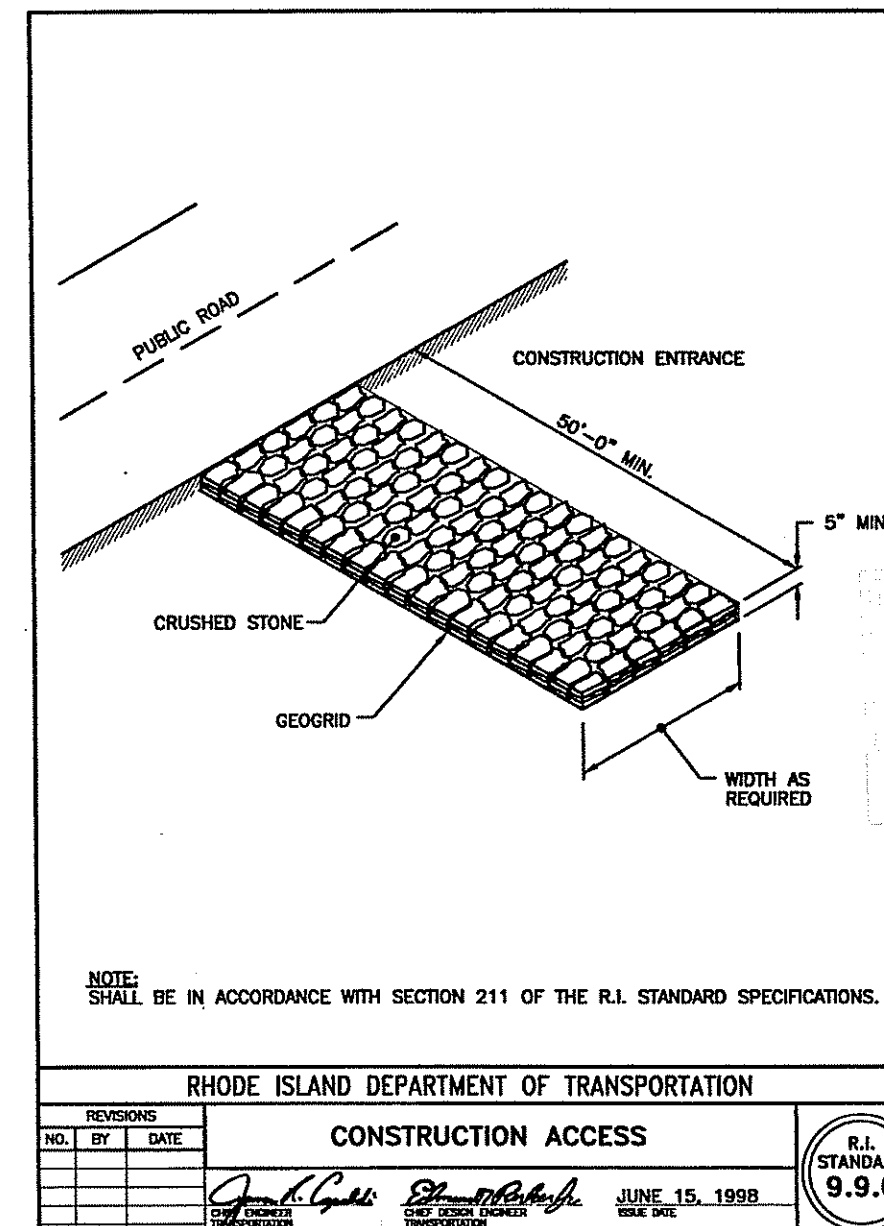
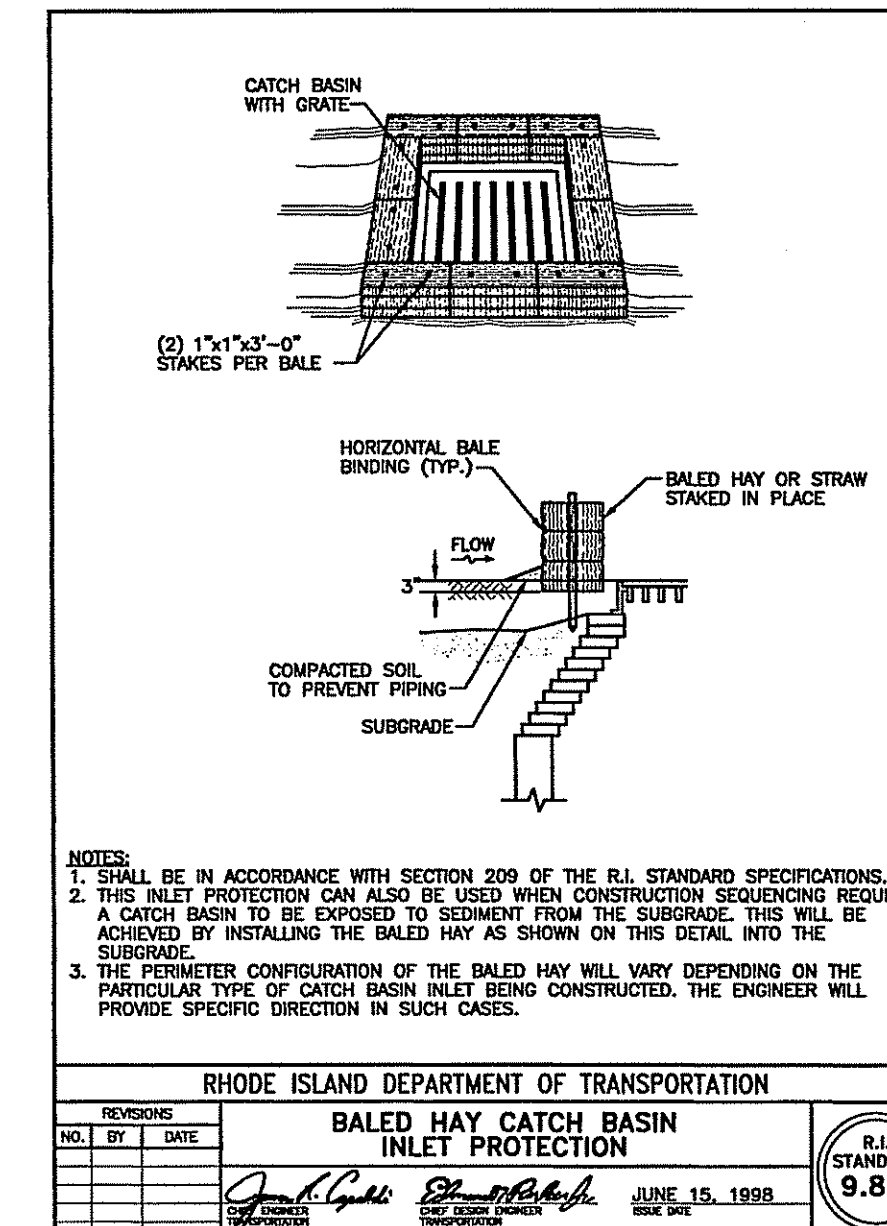
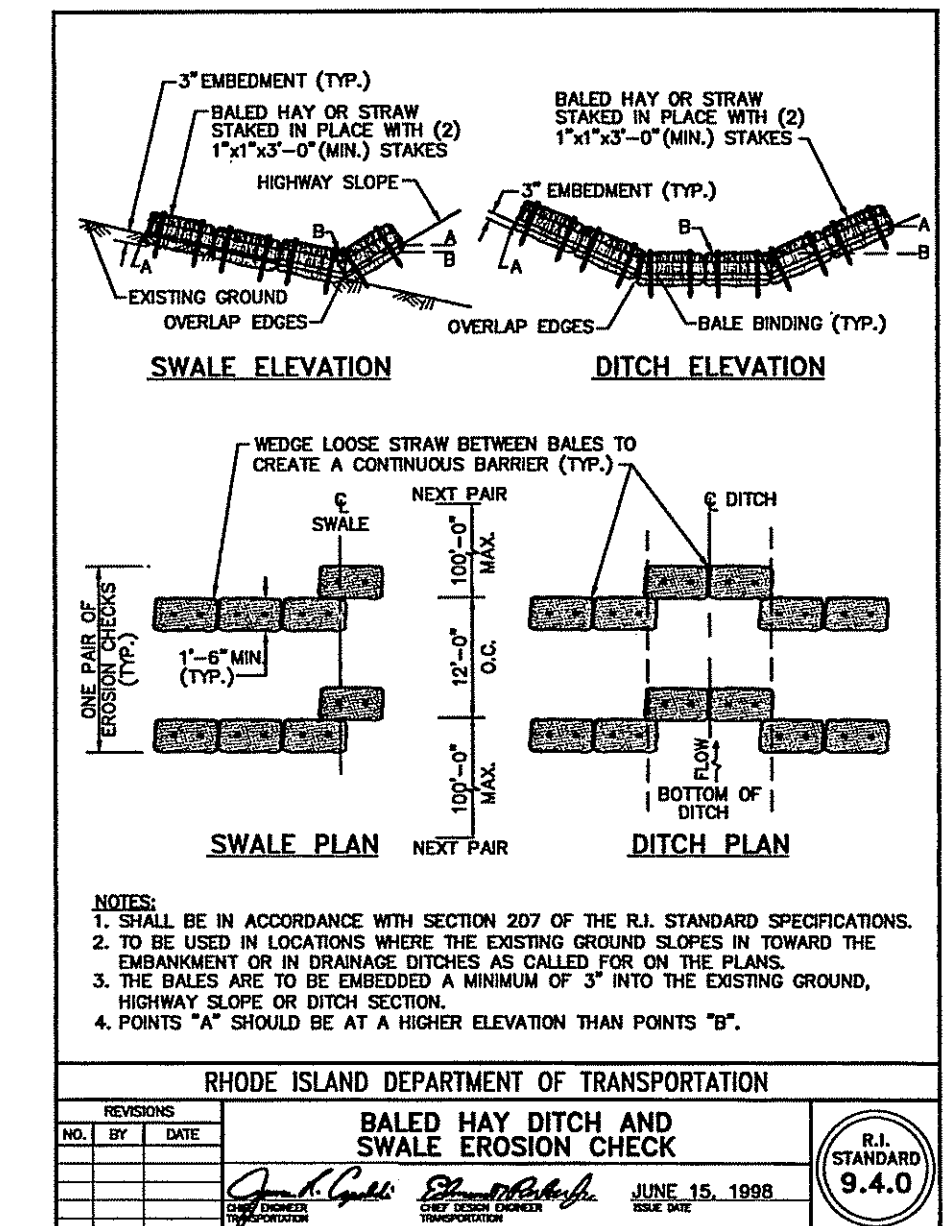
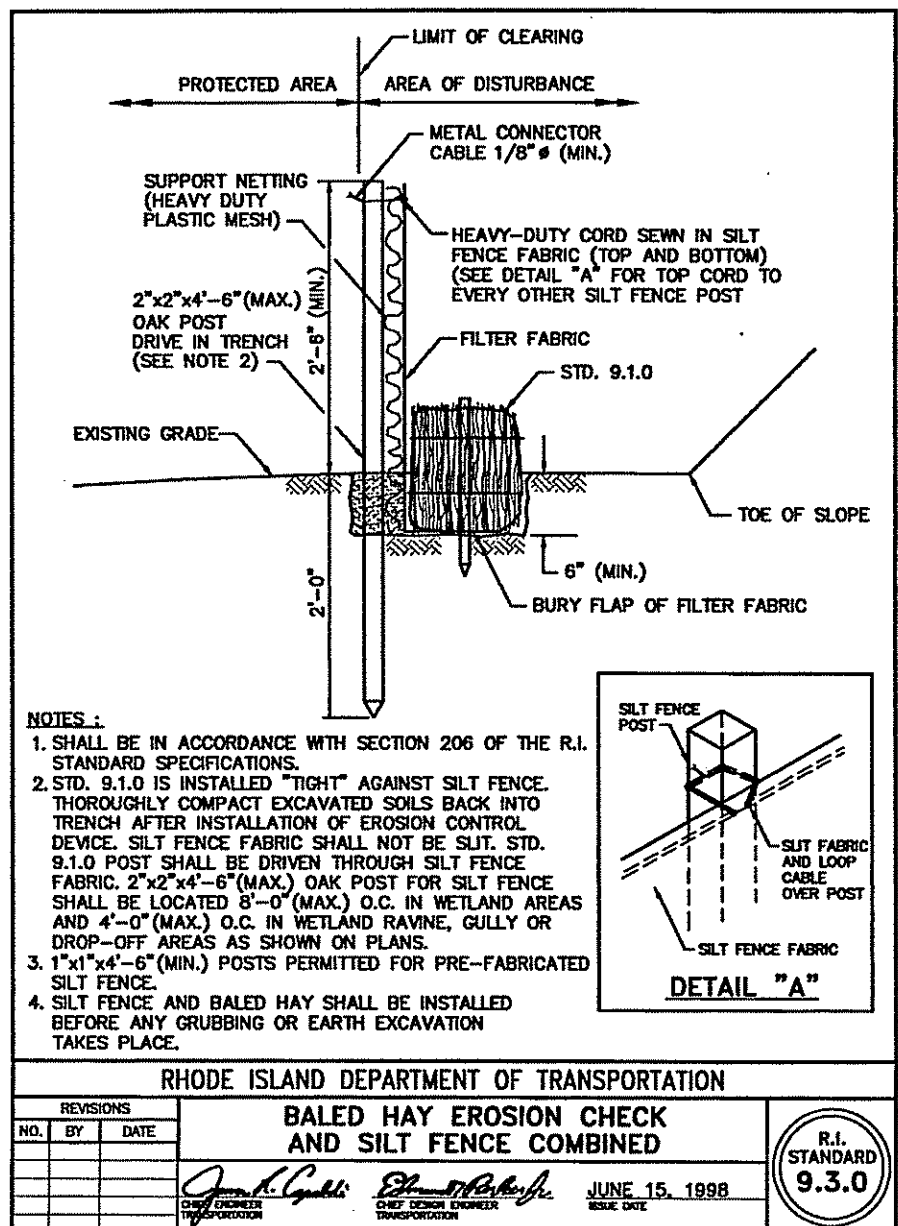
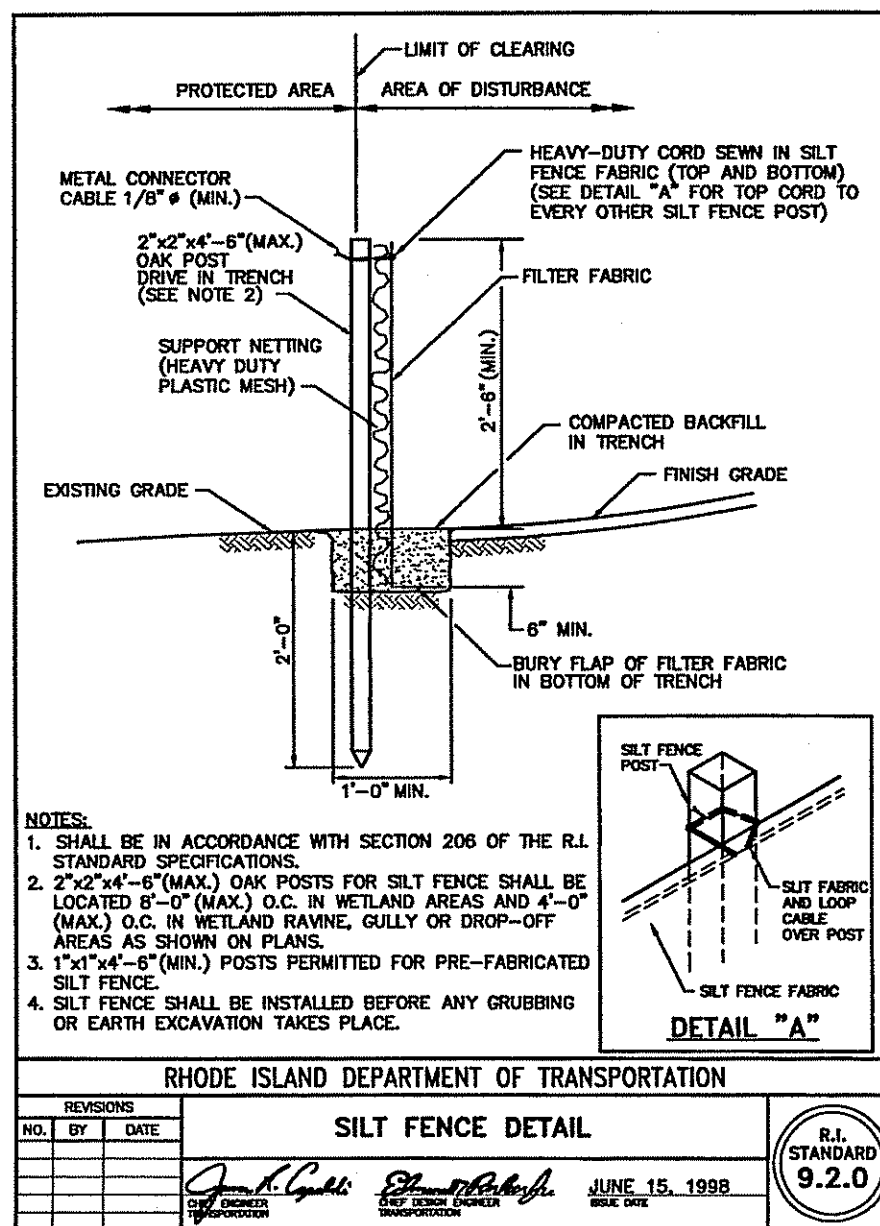


APR 21 2008

Drawing Name:

SITE DETAILS No.5

Scale: Not To Scale Drawing Number:
Job No: 070100/067602
Drawn By: RB
Date: APRIL, 2008 Sheet 12 of 13



**HAMLET AVENUE,
FLORENCE DRIVE &
VILLA NOVA STREET**

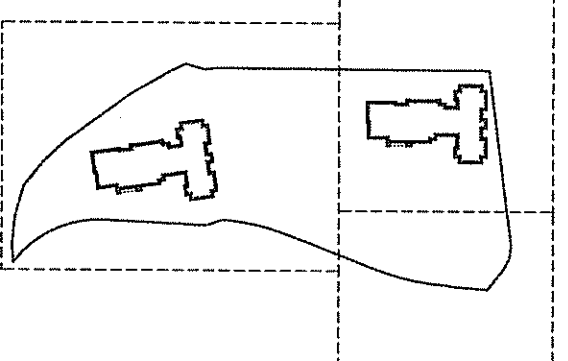
ANDREW J. CHAGNON

Andrew J. Chagnon

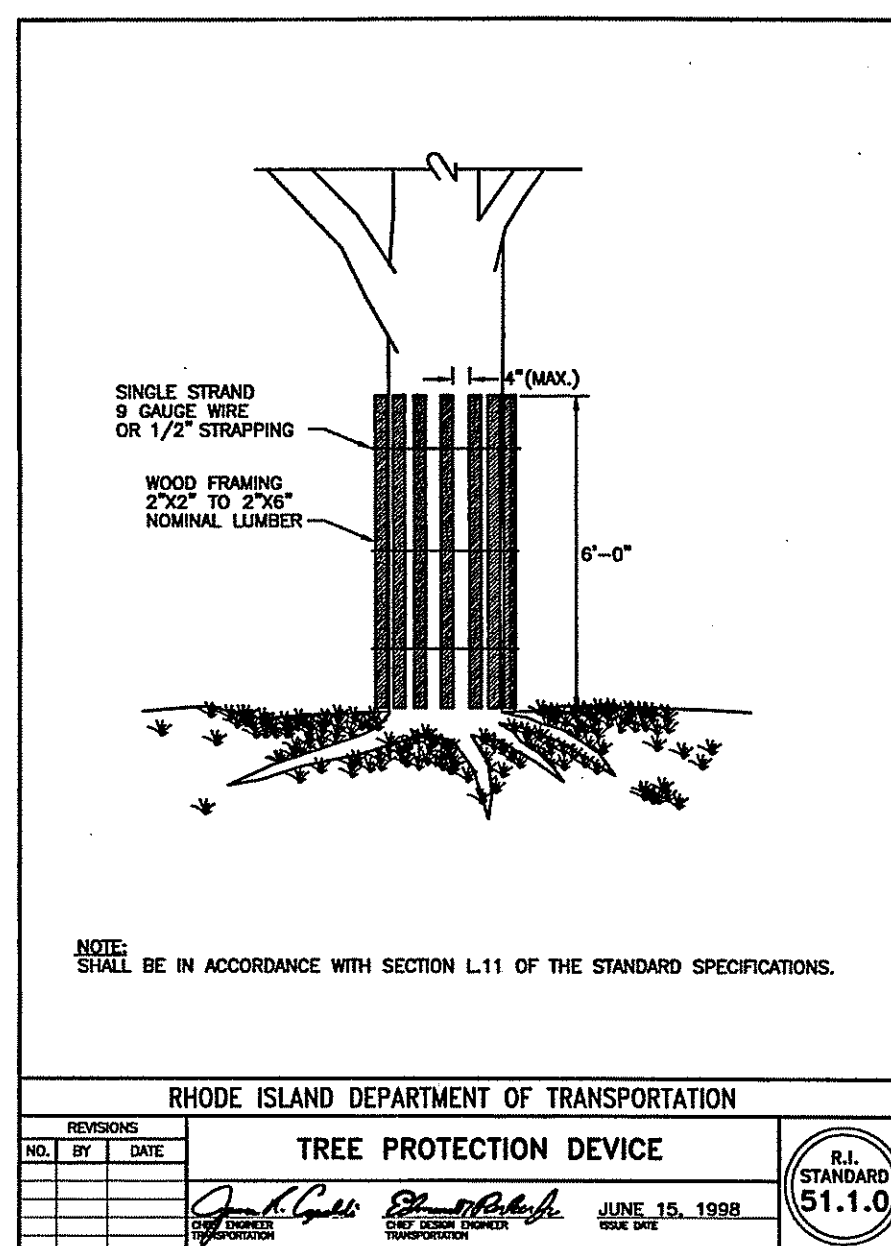
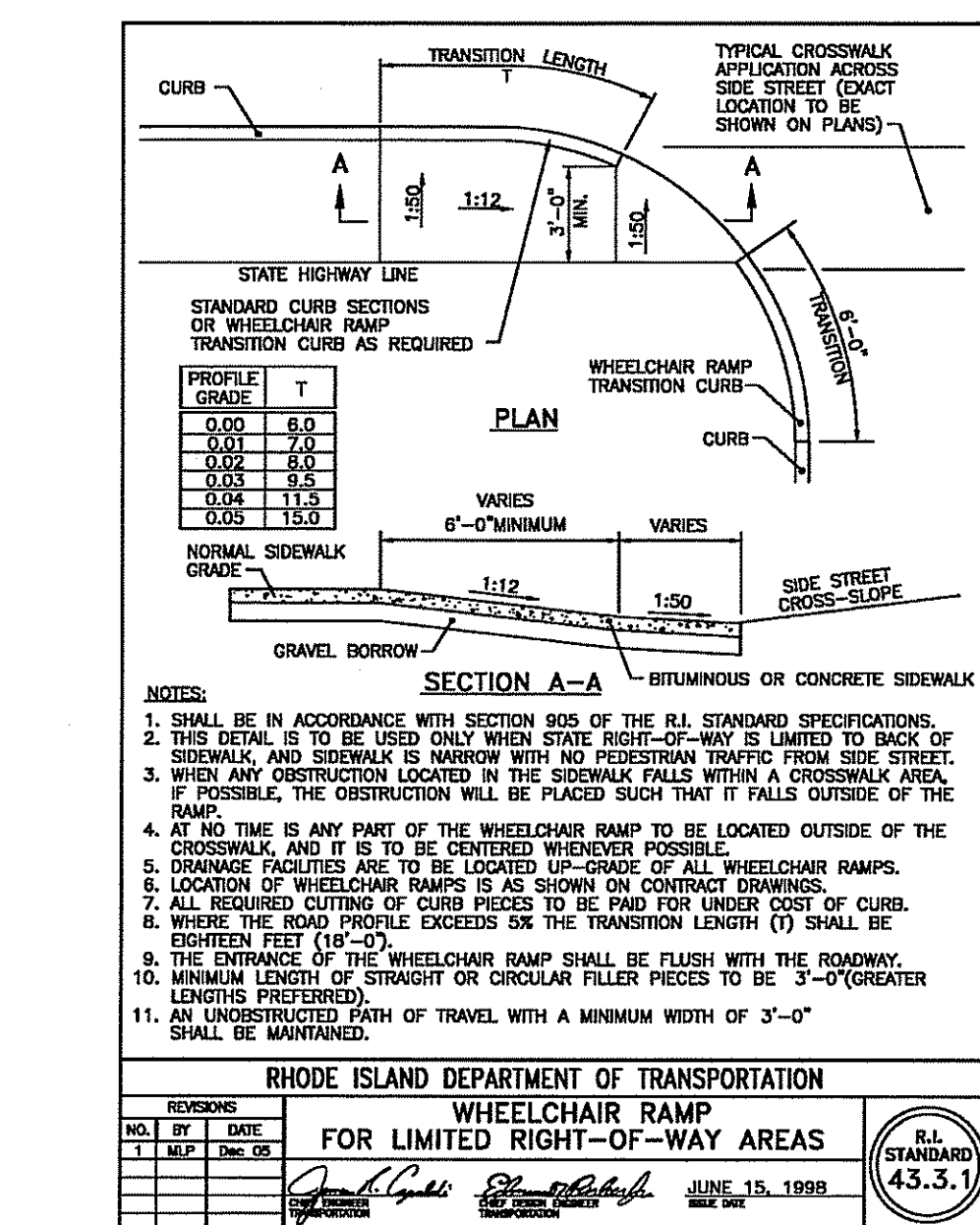
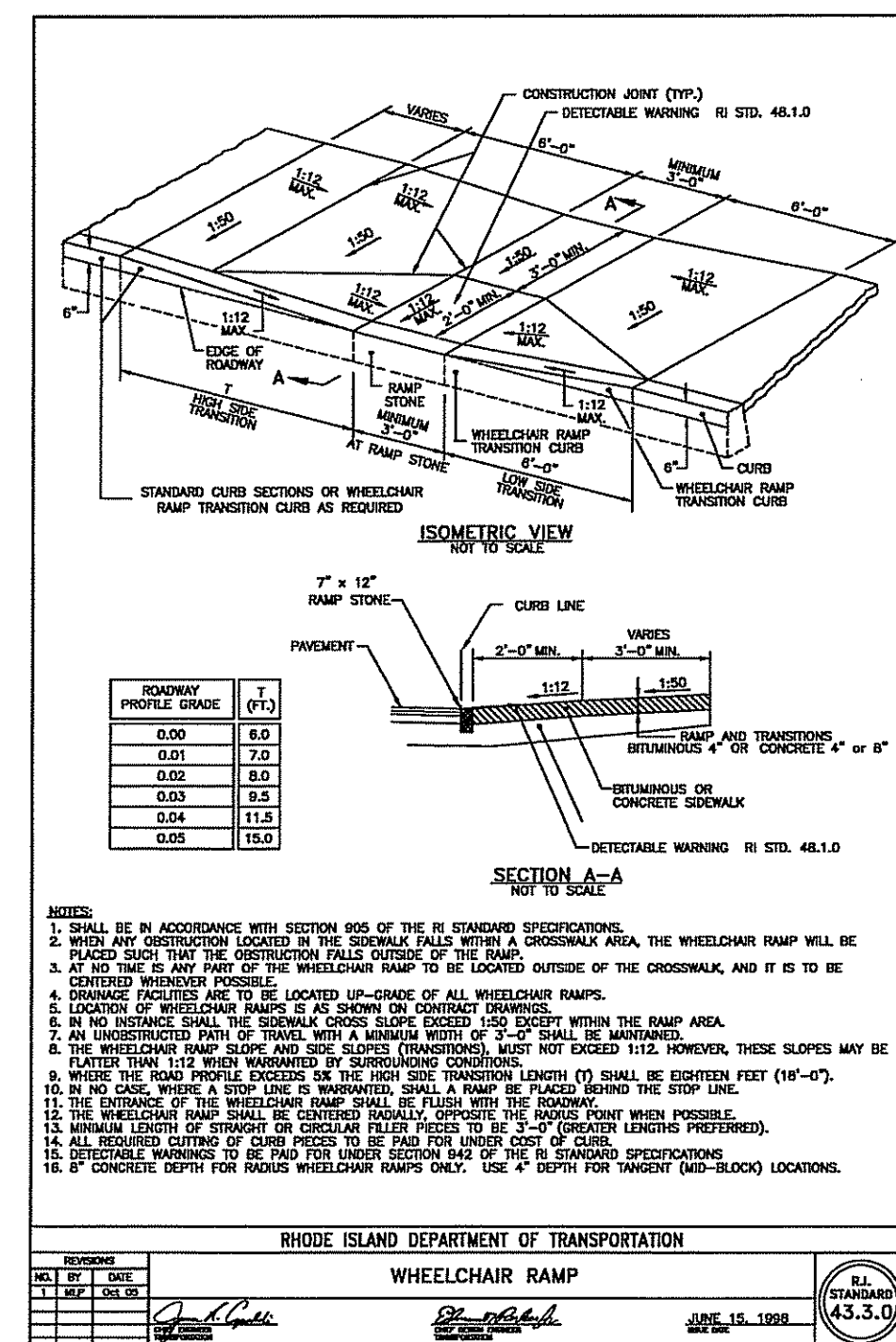
No. 7858

REGISTERED
PROFESSIONAL ENGINEER
(CIVIL)

North Arrow



Scale: Not To Scale Drawing Number:
Job No: 070100/06176.02 **C7.6**
Drawn By: RB
Date: APRIL, 2008 Sheet 13 of 13



Charles A. Haber

APR 23 2008



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10 LINCOLN ROAD, SUITE 103
FOXBORO, MA 02035
508-543-1755

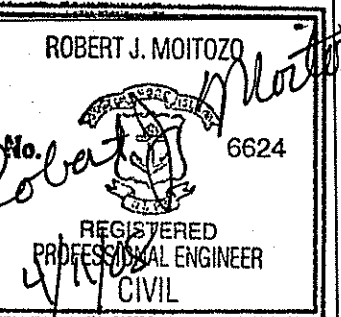
NEW WOONSOCKET MIDDLE SCHOOL Woonsocket, RI

HAMLET AVENUE,
FLORENCE DRIVE &
VILLA NOVA STREET

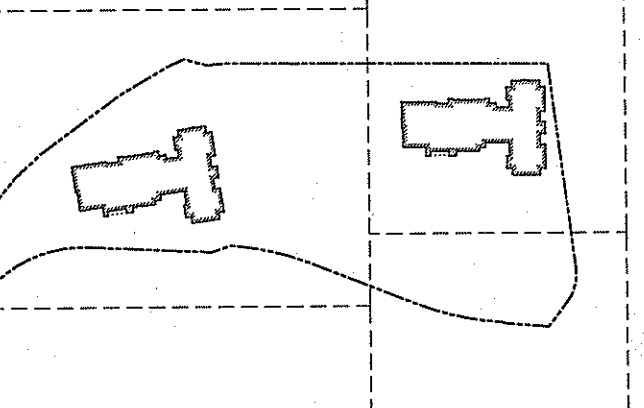
ASSESSOR'S PLAT 27
LOTS 13, 24, 26, 62, 63,
77, 78, 81, 91, 165, & 170

RIDEM SUBMISSION

North Arrow



Keyplan



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Charles A. Harte

APR 21 2008

Drawing Name:

TRAFFIC SIGNAL PLAN

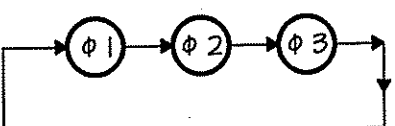
Scale: 1"=30' Drawing Number:
Job No: 070100/06176.02
Drawn By: MG/RPB
Date: APRIL, 2008 Sheet of

C8.1

HAMLET AVE. AT FLORENCE DR./DAVISON AVE. PHASING AND TIMING DIAGRAM									
APPROACH	DIRECTION	HOUSING	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	FLASHER OPERATION
MINIMUM INTERVAL			10	10	10	10	10	10	
VEHICLE EXTENSION			2.4	2.4	2.4	2.4	2.4	2.4	
MAXIMUM 1 (PER OPERATION)			10	10	10	10	10	10	
MAXIMUM 2 (NOT USED)									
YELLOW CLEARANCE			3.5	3.5	3.5	3.5	3.5	3.5	
RED CLEARANCE			1	1	1	1	1	1	
PEDESTRIAN WALK / CLEARANCE			4/21	4/21	4/21	4/21	4/21	4/21	
DAVISON AVENUE	NB	G, D	R	R	R	R	R	R	FR
FLORENCE DRIVE	SB	H, I	R	R	R	R	R	R	FR
HAMLET AVENUE	EB-LT	E	←	←	←	←	←	←	FR
HAMLET AVENUE	EB	F, G	Y	Y	Y	Y	Y	Y	FR
HAMLET AVENUE	NB	A, B	R	R	R	R	R	R	FR
PEDESTRIAN CROSSING	N-S	P1, P2, P3, P4	DN	DN	DN	DN	DN	DN	DN
PEDESTRIAN CROSSING	E-W	P1, P2, P3, P4	DN	DN	DN	DN	DN	DN	DN
DETECTOR			NON - LOCK	NON - LOCK	NON - LOCK	NON - LOCK	NON - LOCK	NON - LOCK	
RECALL			OFF	OFF	OFF	OFF	OFF	OFF	

NOTES:

- FLASHING OPERATION PER M.U.T.C.D. SECTION 4D.12.
- TO BE GREEN IF PHASE 2 IS NEXT.

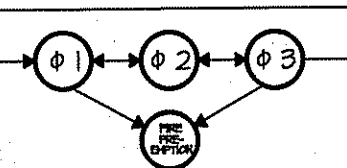


PHASE SEQUENCE DIAGRAM

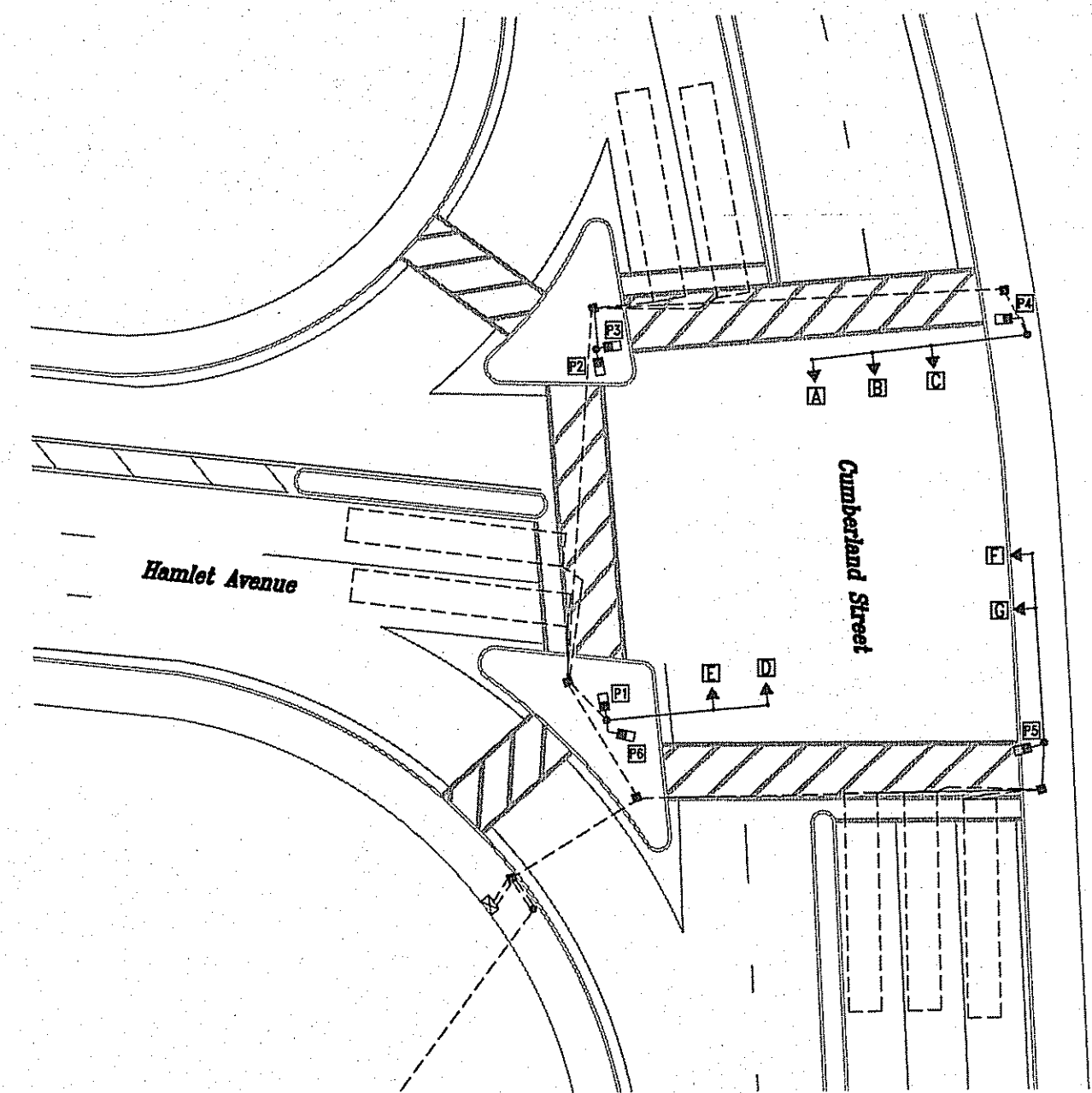
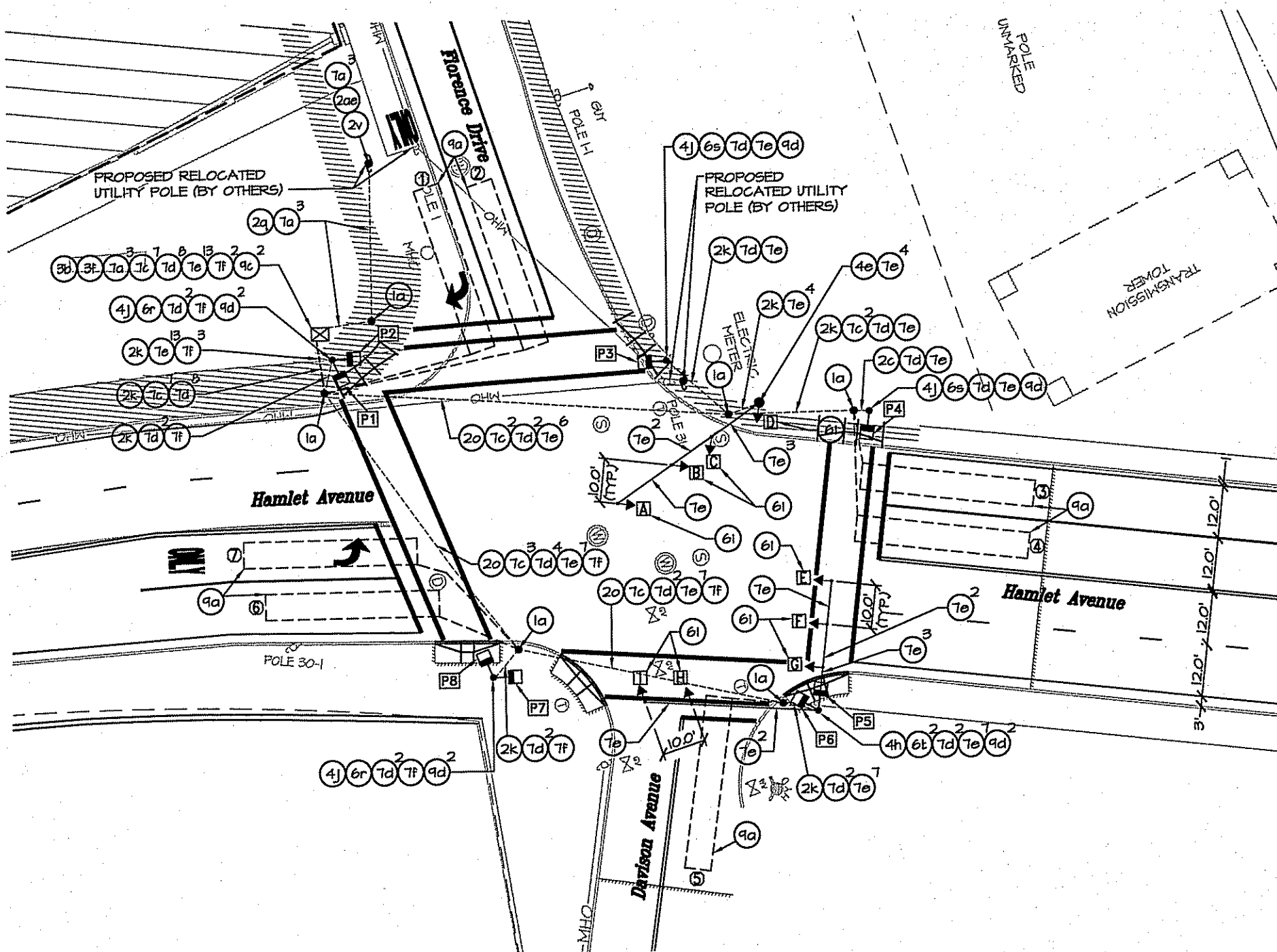
TRAFFIC SIGNAL LEGEND		
No.	SYMBOL	DESCRIPTION
1 a	•	ELECTRIC WANDS/TYPE A-RECAST, RL STD. 18.2.0
2 a	—	2 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT - OVERHEAD
2 b	—	3 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT (SCHEDULE 40) - UNDERGROUND
2 c	—	3 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT (SCHEDULE 80) - UNDER EXISTING PAVEMENT
2 d	—	3 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT (SCHEDULE 80) - UNDER EXISTING PAVEMENT
2 e	—	2 INCH RIGID STEEL CONDUIT - UNDERGROUND
2 f	—	2 INCH RIGID STEEL CONDUIT - OVERHEAD
3 b	☐	ACTIVATED CONTROLLER, TS-2, TYPE I, W/8 PHASE ASSEMBLY, GROUND MOUNTED INCLUDING FOUNDATION AND SIZE 1" CABINET STD. 14.2.0
3 f	•	VEHICLE SOCKET, 1/4" MANUAL BYPASS
4 a	•	40 FOOT GAL. STEEL MAST ARM TRAFFIC SIGNAL POST AND FOUNDATION STD. 14.2.0
4 b	•	DUAL MAST ARM (BOX) GAL. STEEL TRAFFIC SIGNAL POST AND FOUNDATION STD. 14.2.0
4 c	•	TRAFFIC SIGNAL STANDARD, 6 FOOT, ALUMINUM PEDESTAL POLE AND FOUNDATION STD. 14.2.0
6 i	→	1 WAY 3 SECTION MAST ARM MOUNTED SIGNAL HEAD 12 INCH
6 j	→	2 WAY PEDESTAL MOUNTED LED, PEDESTRIAN SIGNAL HEAD 12 INCH
6 k	→	1 WAY PEDESTAL MOUNTED LED, PEDESTRIAN SIGNAL HEAD 12 INCH
6 l	→	1 WAY BRACKET MOUNTED LED, PEDESTRIAN SIGNAL HEAD 12 INCH
7 a	—	6 AWG SINGLE CONDUCTOR CABLE BODY INSULATION
7 b	—	14 AWG 2 CONDUCTOR THINWALL SHIELDED CABLE
7 c	—	14 AWG 3 CONDUCTOR CABLE
7 d	—	14 AWG 1 CONDUCTOR CABLE
7 e	—	14 AWG 1 CONDUCTOR CABLE
7 f	—	14 AWG 1 CONDUCTOR CABLE
7 g	—	TRAFFIC DETECTOR-LOOP STD. 14.2.0
7 h	—	TRAFFIC DETECTOR-RELAY - LOOP 4 CHANNEL
7 i	—	PEDESTRIAN DETECTOR - PUSH-BUTTON WITH SIGN

NOTES:

- FLASHING OPERATION PER M.U.T.C.D. SECTION 4D.12.
- TO BE GREEN IF PHASE 2 IS NEXT.
- ALL SIGNAL EQUIPMENT AND LOOPS ARE EXISTING AND SHALL REMAIN.
- FOR INTERCONNECTION TIMING INFORMATION REFER TO DRAWING NUMBER C8.2.



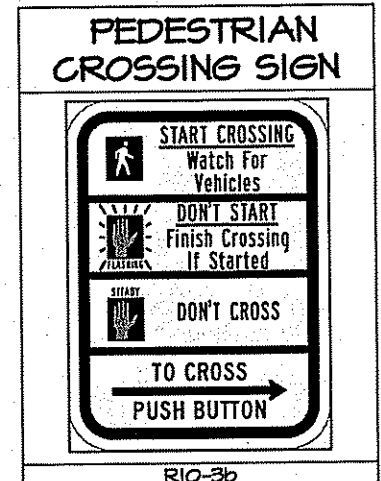
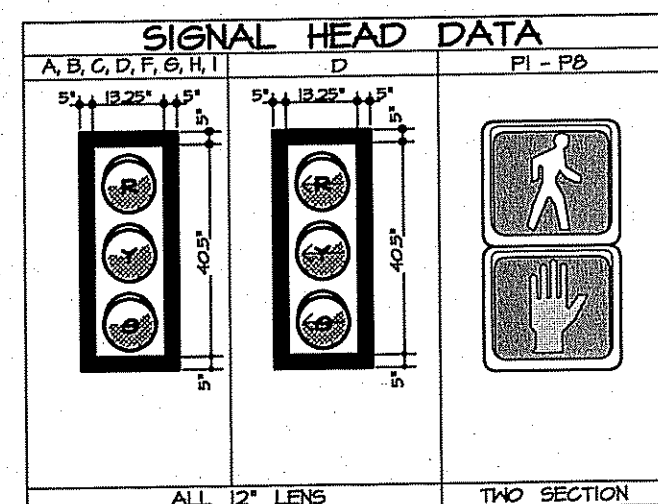
PHASE SEQUENCE DIAGRAM



DETECTOR DATA				
DETECTOR NO.	NO. SECTION / SIZE	RELAY NUMBER	SLOT	PHASE
1	1 - 6' x 40'	1	2	3
2	1 - 6' x 40'	2	3	3
3	1 - 6' x 40'	1	2	3
4	1 - 6' x 40'	1	2	3
5	1 - 6' x 40'	2	4	3
6	1 - 6' x 40'	2	4	3
7	1 - 6' x 40'	2	4	3

NOTES:

- ALL TRAFFIC SIGNAL HEADS ARE PROPOSED.
- ALL TRAFFIC SIGNAL EQUIPMENT, CONDUIT, WIRING, AND ASSOCIATED MATERIAL SHALL CONFORM TO PART 1 OF THE LATEST EDITION OF THE RIDEM ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ALL RED, YELLOW, AND GREEN SIGNAL DISPLAYS SHALL BE EQUIPPED WITH LED MODULES.
- ALL TRAFFIC SIGNAL HEADS SHALL BE FURNISHED WITH BACK PLATES AS SHOWN.
- THE PEDESTRIAN SIGNAL HEADS SHALL BE SOLID LED. SYMBOLS.
- FOR INTERCONNECTION TIMING INFORMATION, REFER TO DRAWING NUMBER C8.2.



DAILY AND WEEKLY PROGRAM INFORMATION				
PLAN NO.	MONDAY THRU FRIDAY	SATURDAY	SUNDAY	
AM PEAK	0600-1000	-	-	
PM PEAK	1600-2000	-	-	
WEEK OPERATION	0000-0600 1000-1400 2000-2400	0000-2400	0000-2400	

NOTES:

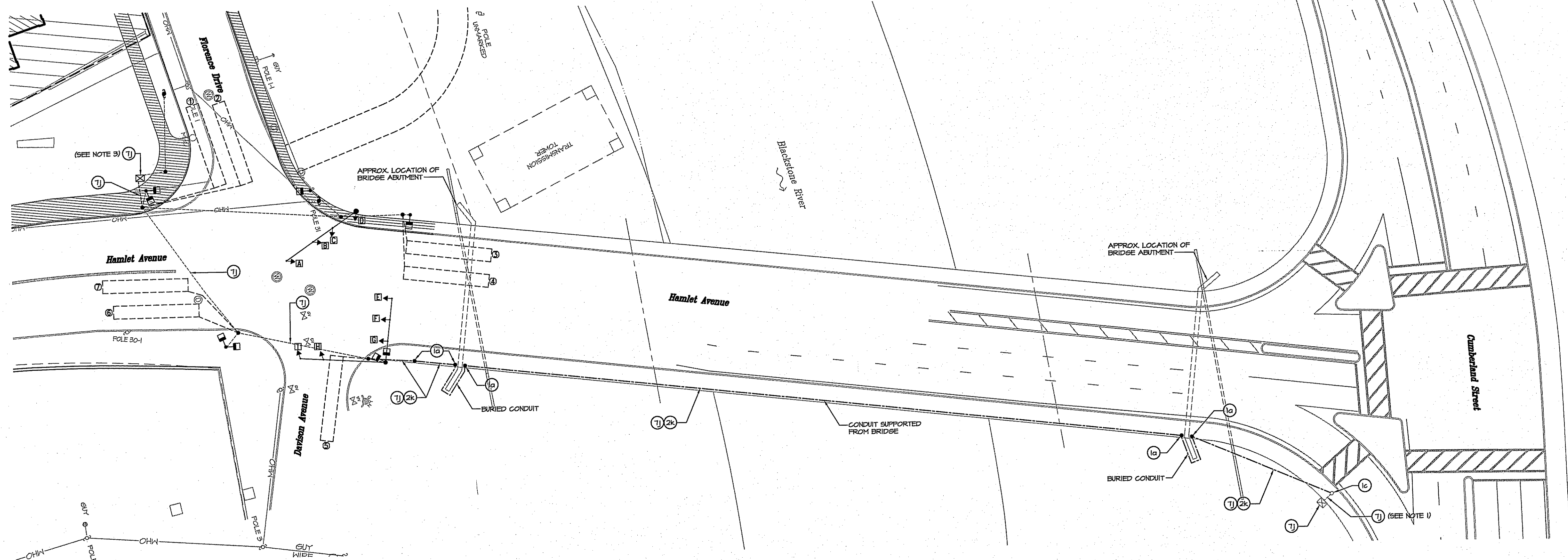
- PEAK HOUR INFORMATION APPLIES TO BOTH INTERSECTIONS.
- FOR INTERCONNECTION PLAN DETAILS REFER TO DRAWING NUMBER C8.2.

**NEW
WOONSOCKET
MIDDLE
SCHOOL**
Woonsocket, RI

**HAMLET AVENUE,
FLORENCE DRIVE &
VILLA NOVA STREET**

**ASSESSOR'S PLAT 27
LOTS 13, 24, 26, 62, 63,
77, 78, 81, 91, 165, & 170**

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INTERCONNECT PLAN
SCALE: 1"=30'

NOTES:

- EXISTING CONDUIT TO BE REUSED. INTERCONNECT CABLE TO BE PLACED IN EXISTING CONDUIT.
- ALL EXISTING SIGNAL EQUIPMENT AT THE HAMLET AVENUE INTERSECTION WITH CUMBERLAND STREET, INCLUDING CABINET AND CONTROLLER, TO REMAIN. INTERCONNECT CABLE SHALL BE CONNECTED TO THE EXISTING CONTROLLER.
- FOR LOCATION OF PROPOSED CABINET AND CONDUIT AT THE HAMLET AVENUE INTERSECTION WITH FLORENCE DRIVE AND DAVISON AVENUE, REFER TO DRAWING C&J.
- ALL STEEL TO BE GALVANIZED.

TRAFFIC SIGNAL LEGEND				
No.	SYMBOL	DESCRIPTION	QUANTITY	
1 a	•	ELECTRIC HANDLES-TYPE A-PRECAST, R.I. STD. 10.2.0	EA	
1 c	N/A	BREAK INTO EXISTING HANDHOLE	LF	
2 k	—	3 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT (SCHEDULE 40) - UNDER EXISTING PAVEMENT	LF	
7 i	N/A	1/2" AND 3/4" PAVE CABLE	LF	

HAMLET AVE. & CUMBERLAND ST. COORDINATION DATA (ALL ENTRIES IN SECONDS)		
	PLAN 1	PLAN 2
CYCLE LENGTH	40.5	71.5
OFFSET	0	0
SPLIT 1	22	22
SPLIT 2	34	25
SPLIT 3	24.5	24.5
COORDINATED PHASE	1	1

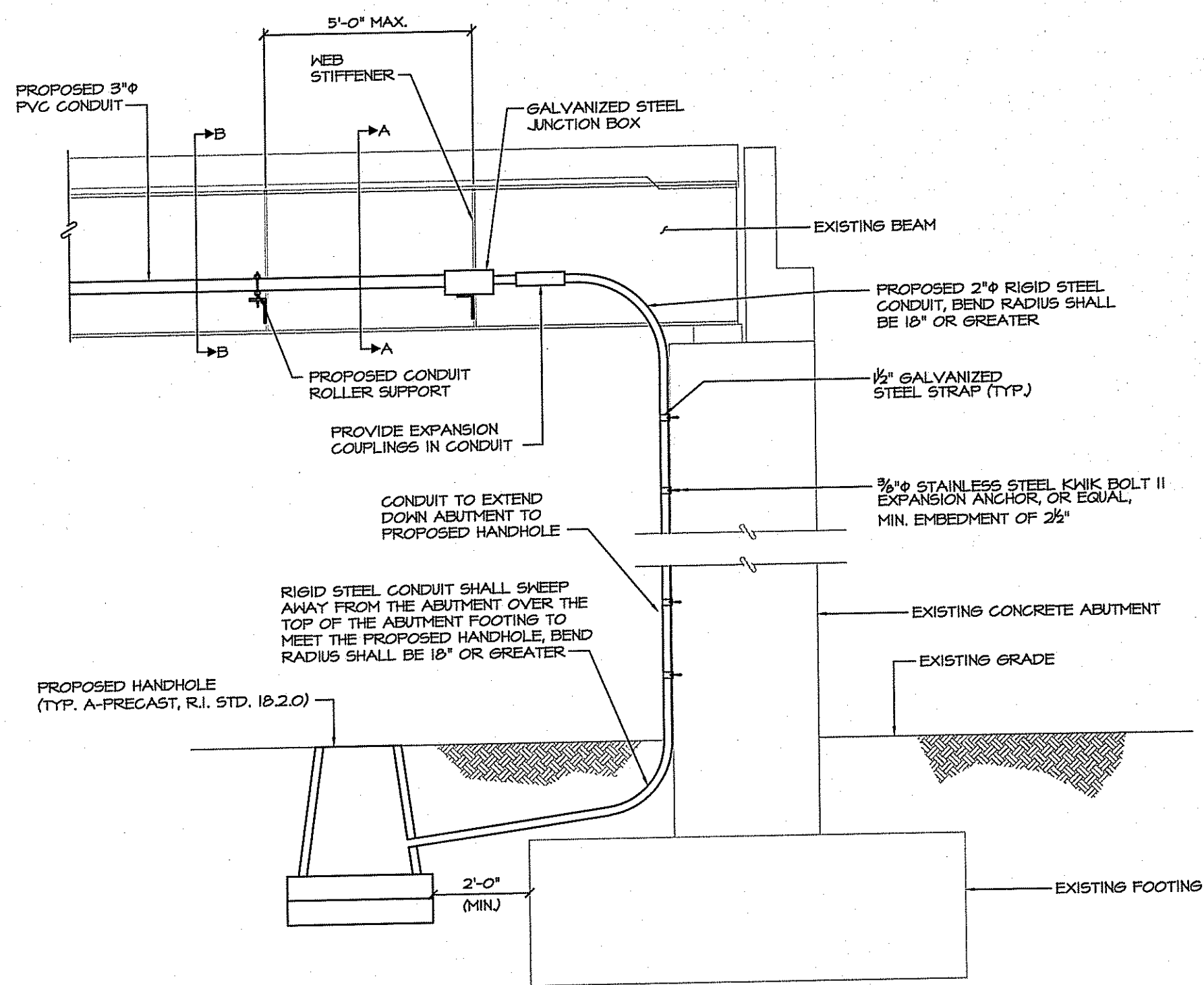
HAMLET AVE. AT FLORENCE DR/ DAVISON AVE. COORDINATION DATA (ALL ENTRIES IN SECONDS)		
	PLAN 1	PLAN 2
CYCLE LENGTH	40	71
OFFSET	34	34
SPLIT 1	14.5	12.5
SPLIT 2	31.5	28.5
SPLIT 3	44	30
COORDINATED PHASE	2	2

NOTES (BOTH SIGNALS):

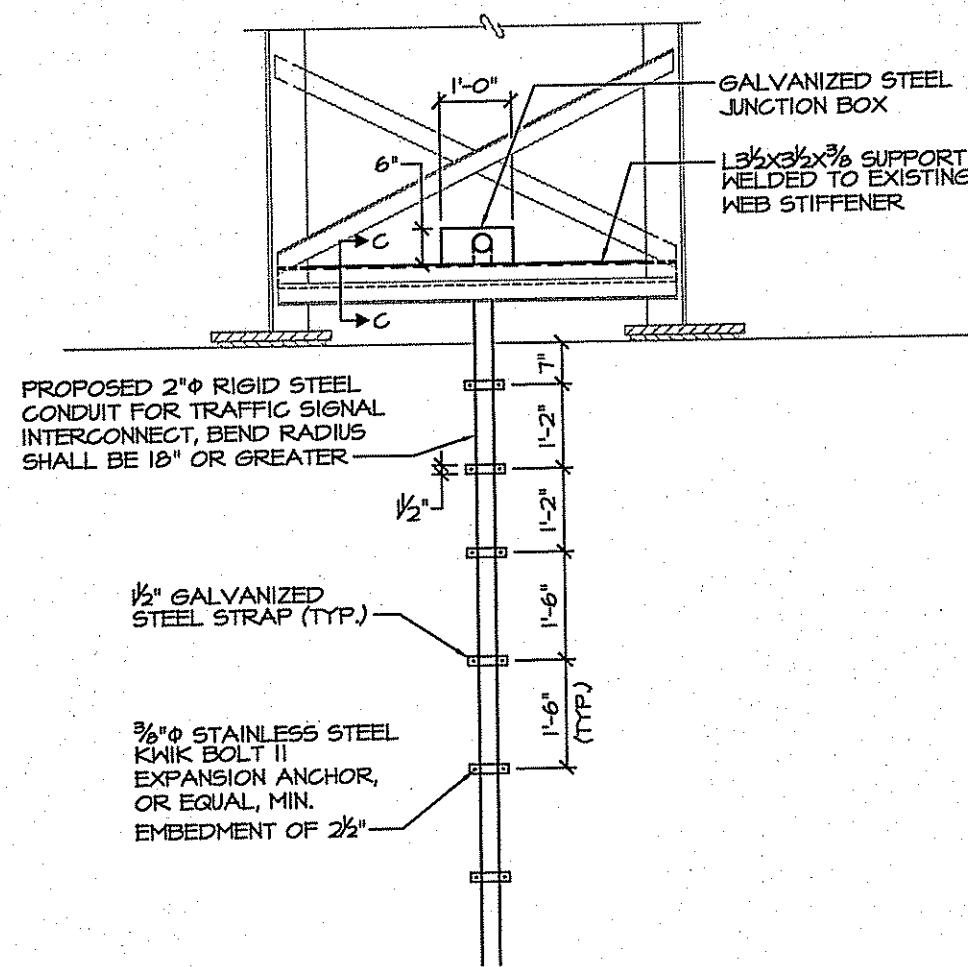
- SEE TRAFFIC SIGNAL PLAN C&J FOR TRAFFIC SIGNAL INFORMATION.
- OFFSETS ARE REFERENCED TO THE BEGINNING OF THE COORDINATED PHASE GREEN.
- SPLITS EQUAL GREEN TIME PLUS CLEARANCE INTERVALS.
- INIBIT MAX TERMINATION SHALL BE IN EFFECT DURING COORDINATION.
- COORDINATED PHASE SHALL BE "CALL NON-ACTUATED" DURING COORDINATION.

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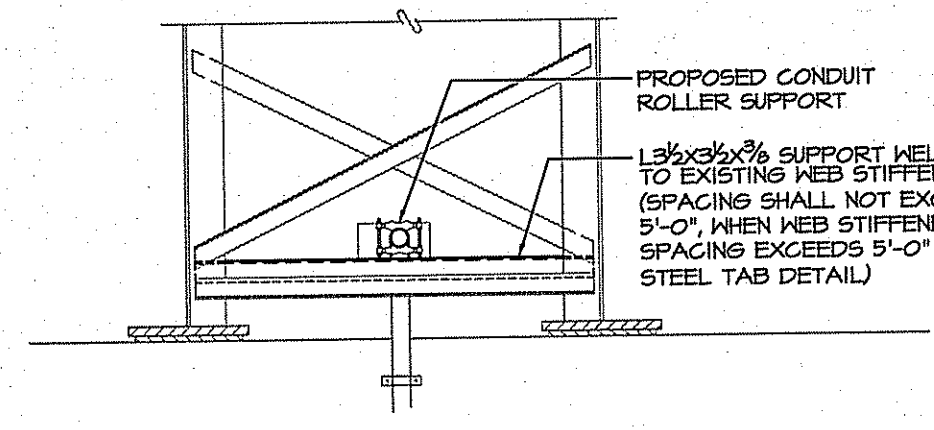
Charles A. Hubert



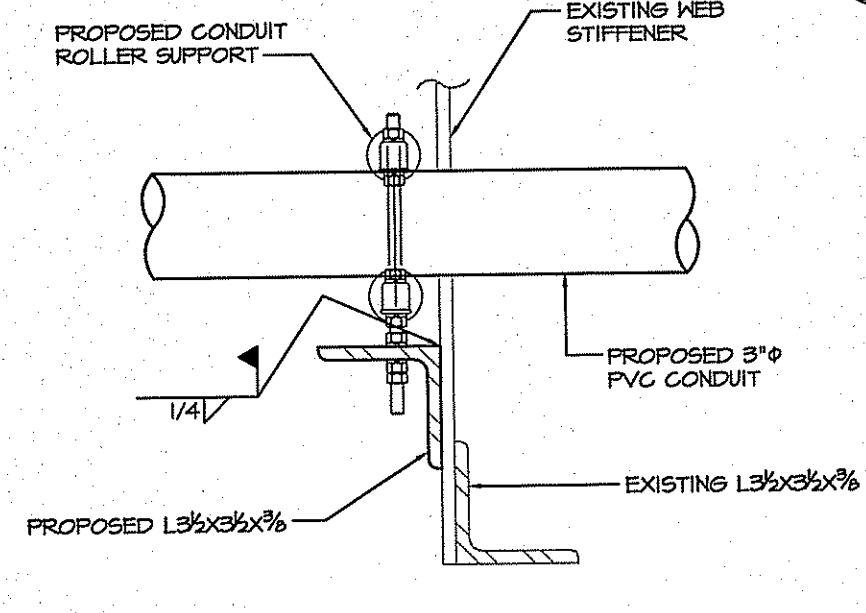
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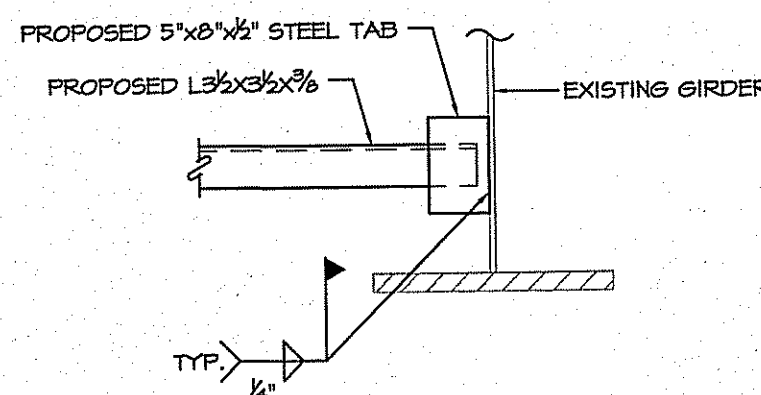
SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE



SECTION C-C
NOT TO SCALE



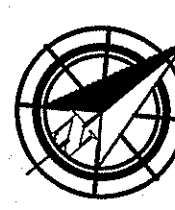
STEEL TAB DETAIL
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NOTES:

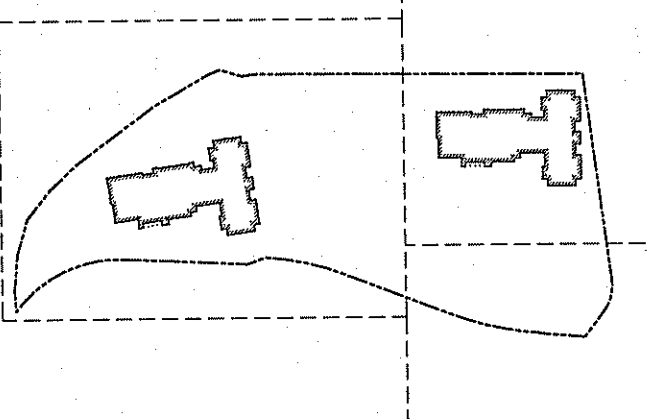
- 3" POLYVINYL CHLORIDE PLASTIC CONDUIT (PVC) SHALL CONFORM TO SECTION 7.06 OF THE RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 2" RIGID STEEL CONDUIT AND FITTINGS SHALL CONFORM TO SUBSECTION 703.04 OF THE RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- GALVANIZED STEEL JUNCTION BOXES ARE TO BE FURNISHED AND INSTALLED ACCORDING TO THE LATEST RIDOT CODES AND SPECIFICATIONS.

**RIDEM
SUBMISSION**

North Arrow



Keyplan

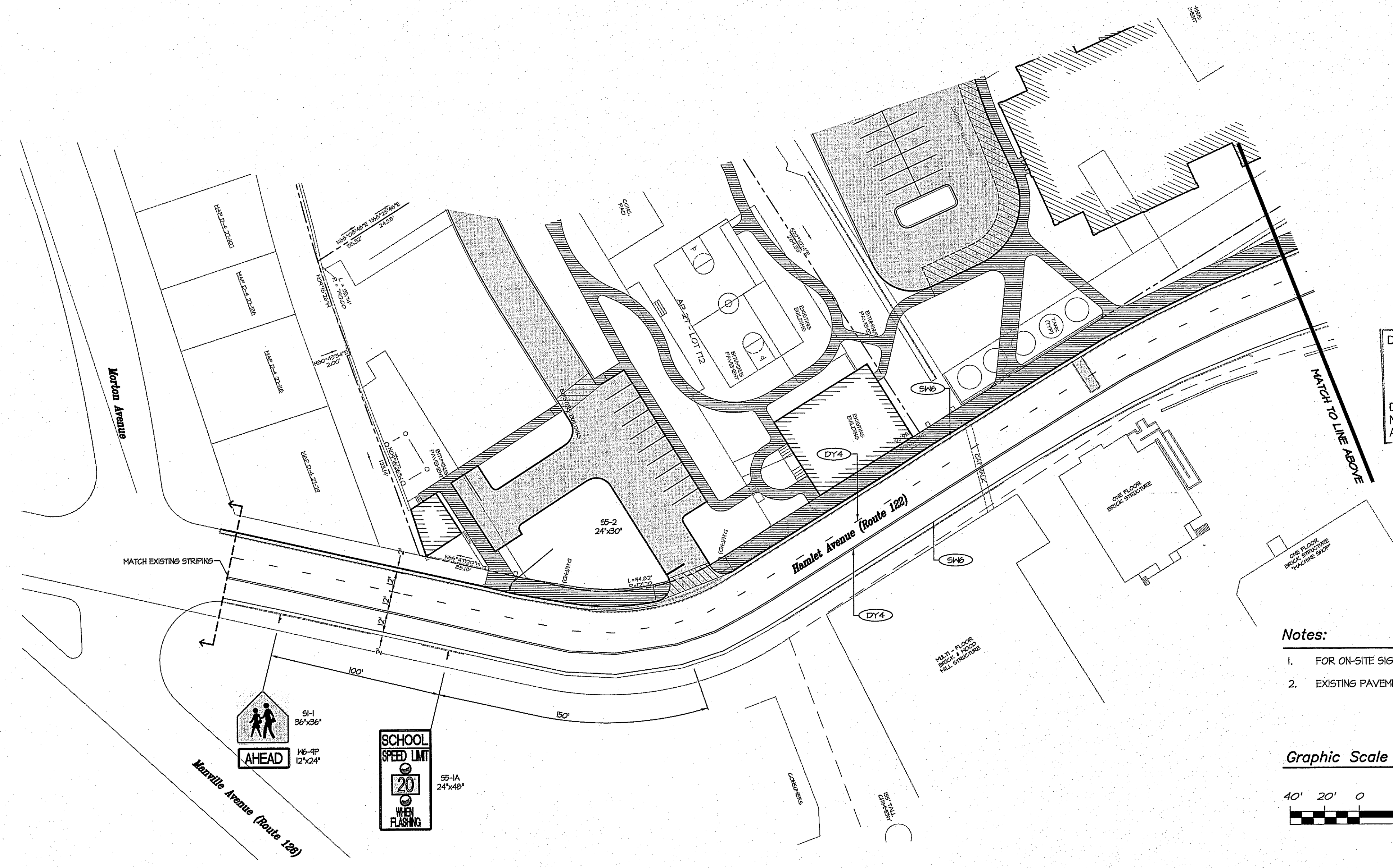
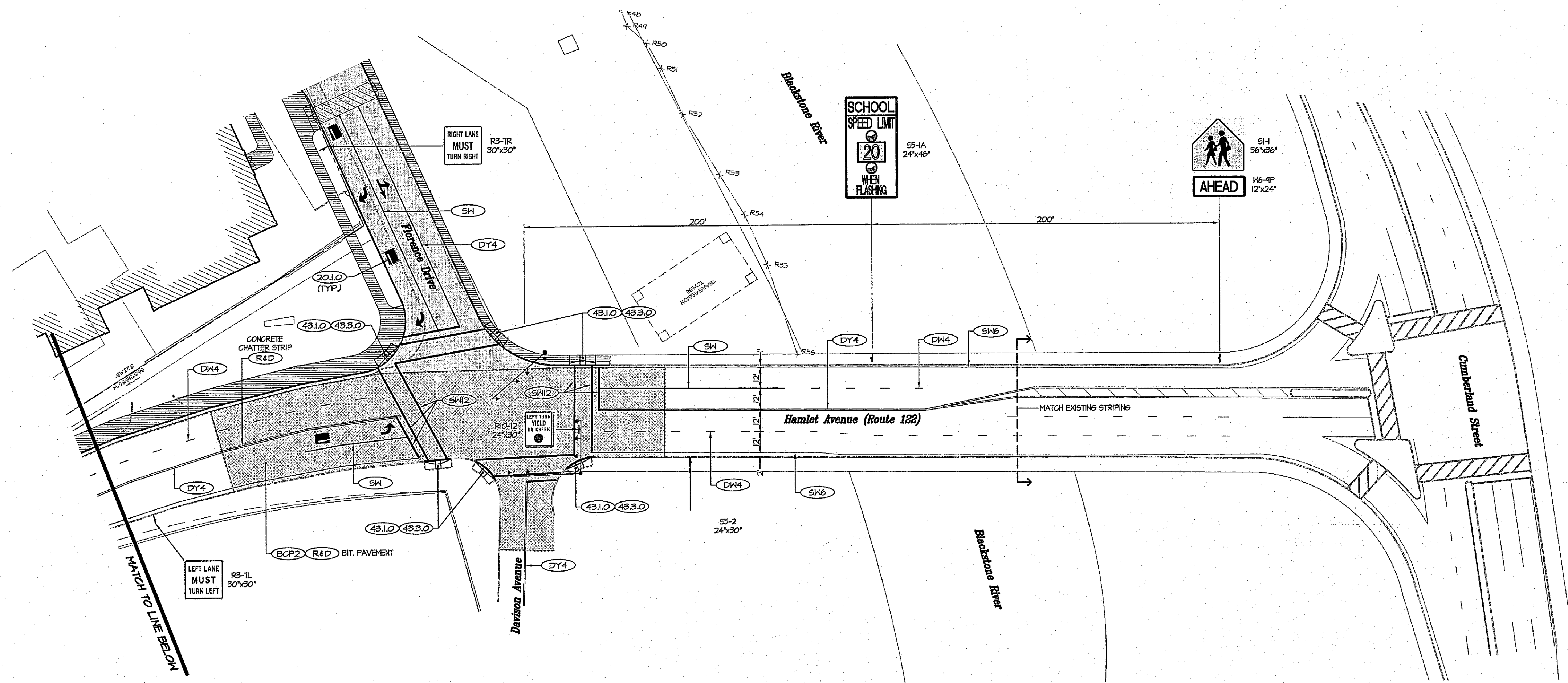


Drawing Name:

**TRAFFIC SIGNAL
INTERCONNECT
PLAN AND DETAILS**

Scale: AS NOTED
Job No: 070100/06176.02
Drawn By: JDB
Date: APRIL, 2008

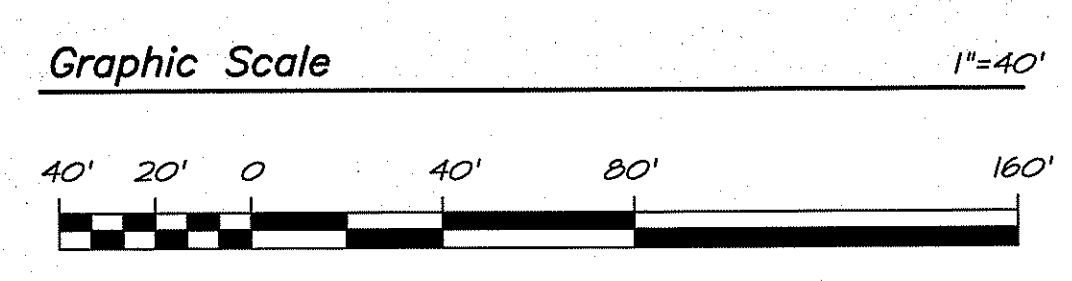
Drawing Number:
C8.2
Sheet of



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Charles A. Harte

- Notes:**
- FOR ON-SITE SIGNING SEE SHEET C4.00 OVERALL SITE LAYOUT PLAN.
 - EXISTING PAVEMENT MARKINGS SHALL BE REMOVED BY GRINDING.



ARCHITECTURE INVOLUTION, INC.
286 BOSTON POST ROAD
WAYLAND, MA 01778
508-358-0790 (T)
508-358-0791 (F)
A13@A1-3.COM

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508-543-1755

NEW WOONSOCKET MIDDLE SCHOOL Woonsocket, RI

HAMLET AVENUE,
FLORENCE DRIVE &
VILLA NOVA STREET

ASSESSOR'S PLAT 27
LOTS 13, 24, 26, 62, 63,
77, 78, 81, 91, 165, & 170

RIDEM SUBMISSION

North Arrow

Keyplan

ROBERT J. MORTOZO
No. 0624
REGISTERED
PROFESSIONAL ENGINEER

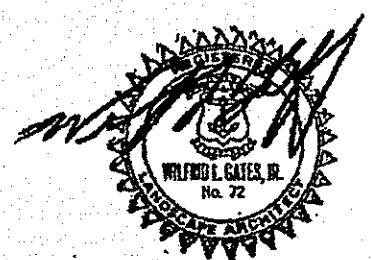
Drawing Name:

OFF-SITE SIGNING AND STRIPING PLAN

Scale: 1" = 40'
Job No: 070100/06176.02
Drawn By:
Date: APRIL, 2008

Drawing Number:
C8.3
Sheet of

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Keyplan

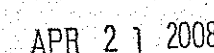
Planting Plan 1

0.5" 0 1.0

ORIGINAL PLAN SCALE

Date: MAR. 28, 2008

P-1



NOTE:
LOAM AND SEED SHALL BE DONE IN ALL AREAS WITHIN THE
L.O.D. EXCEPT PAVED AREAS, BLDGS, & PLANTING BEDS.

- The document entitled, "Construction Soil Management Plan" prepared by Fuss & O'Neill, dated March 18, 2008.
- The document entitled, "Remedial Action Work Plan" prepared by Fuss & O'Neill, dated April 1, 2008.
- The plans entitled, "City of Woonsocket, Woonsocket Middle School, Remedial Action Plans" prepared by Fuss & O'Neill, dated April 1, 2008.

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FRESHWATER WETLANDS PROGRAM
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44-1

04/16/57

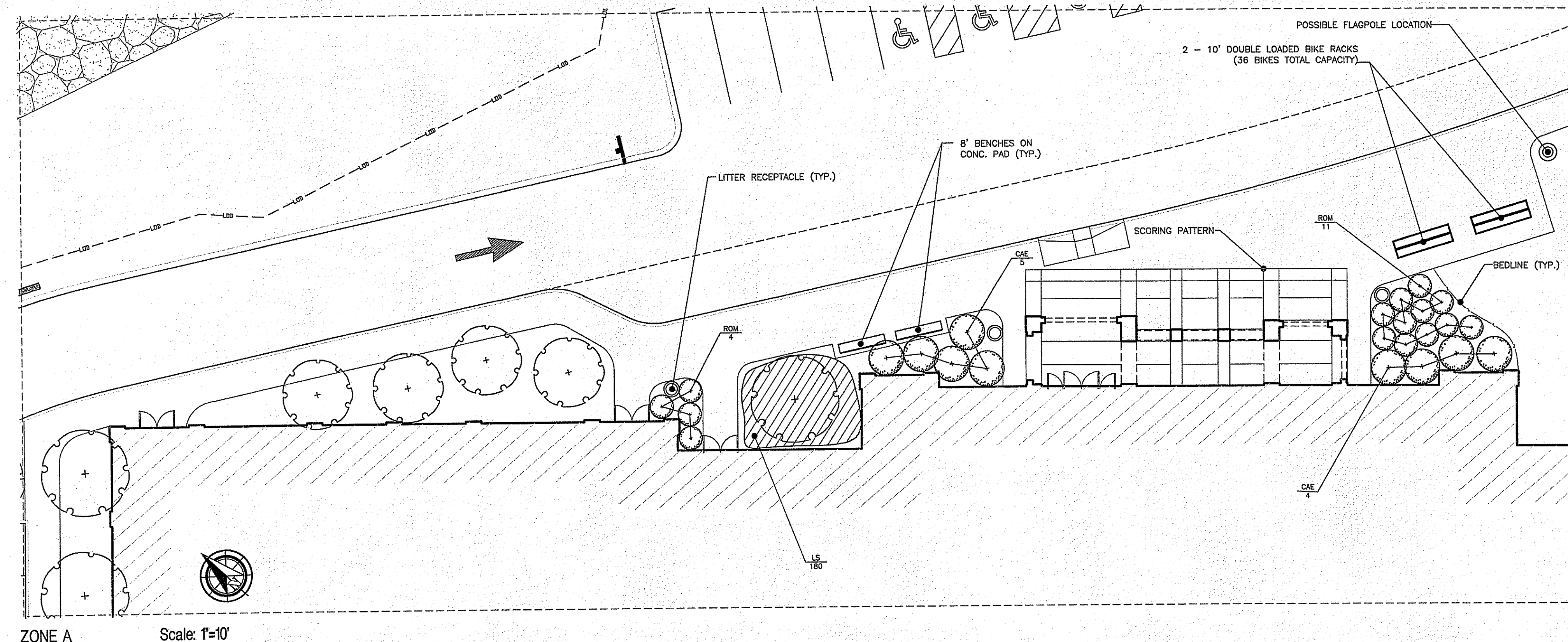
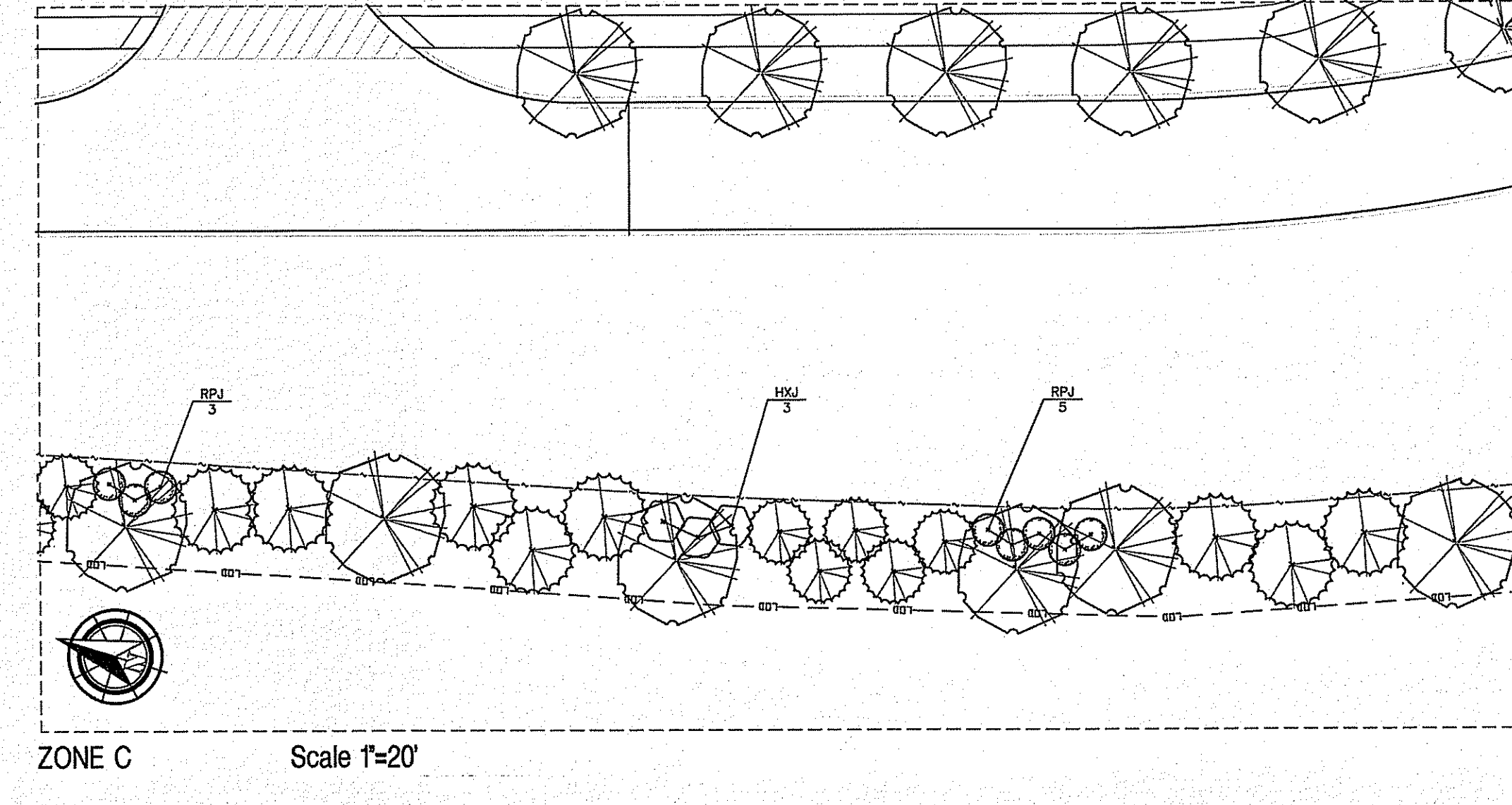
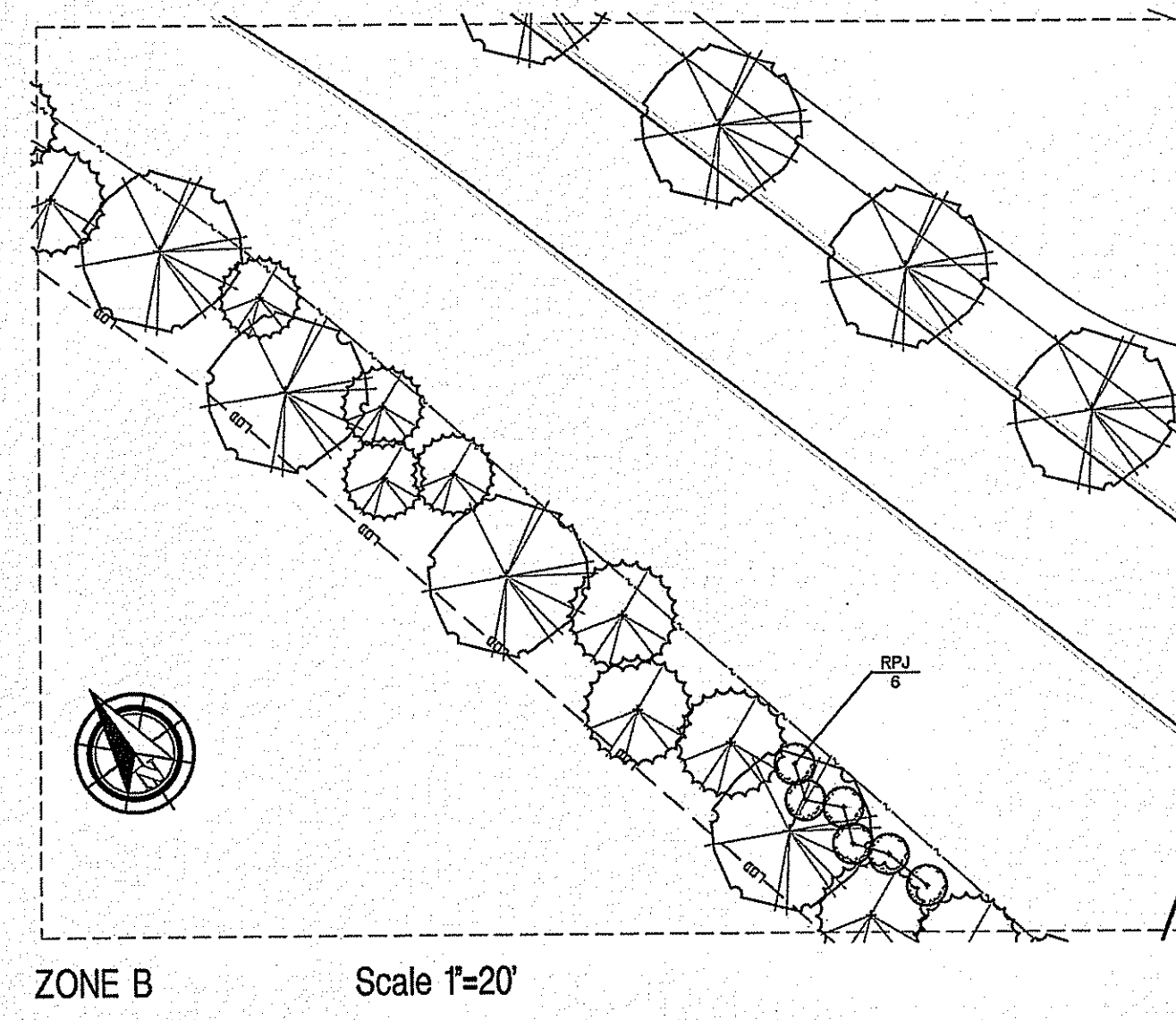
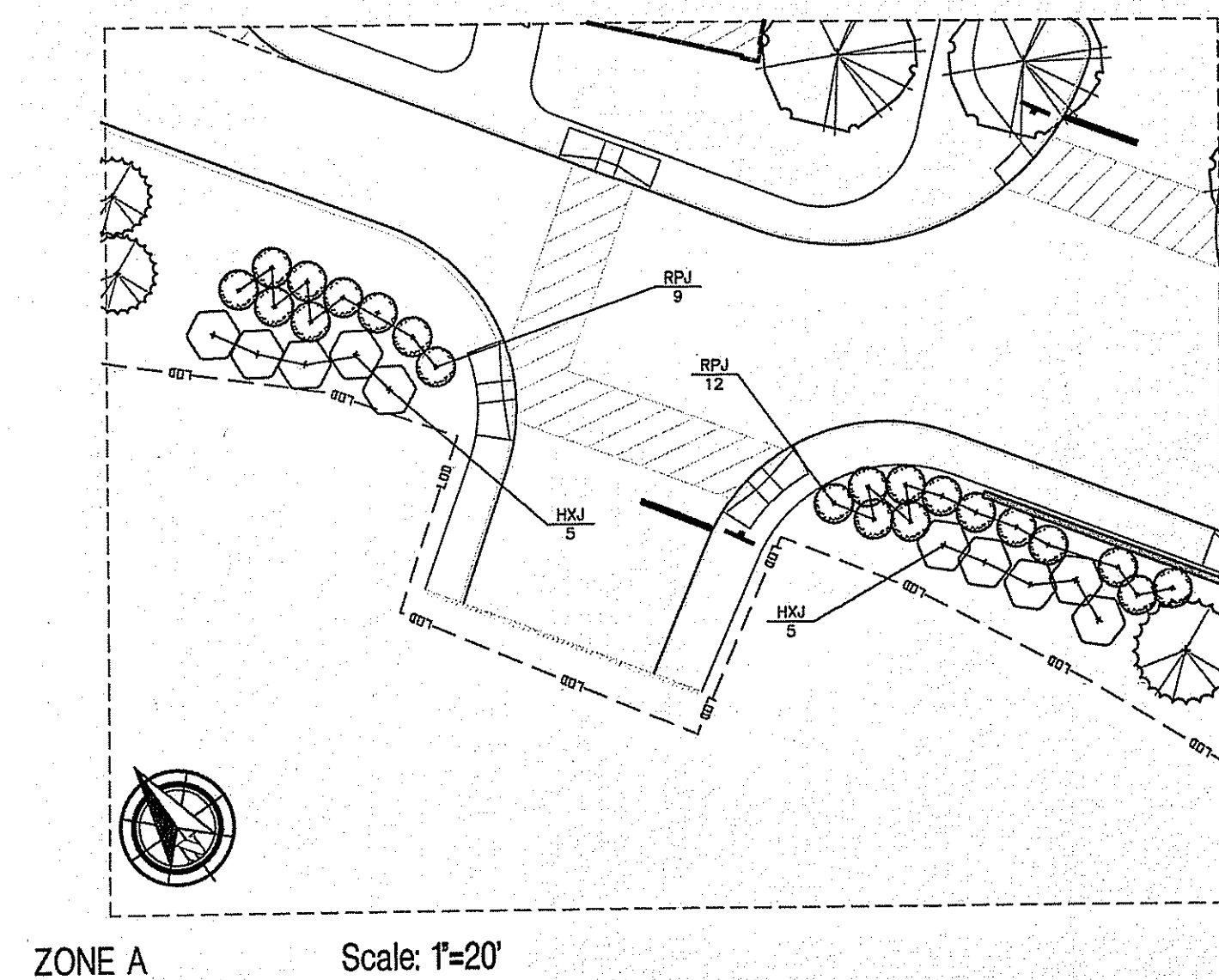
**NEW
WOONSOCKET
MIDDLE
SCHOOL**
Woonsocket, RI



**100% DESIGN
DEVELOPMENT**

North Arrow
Keyplan

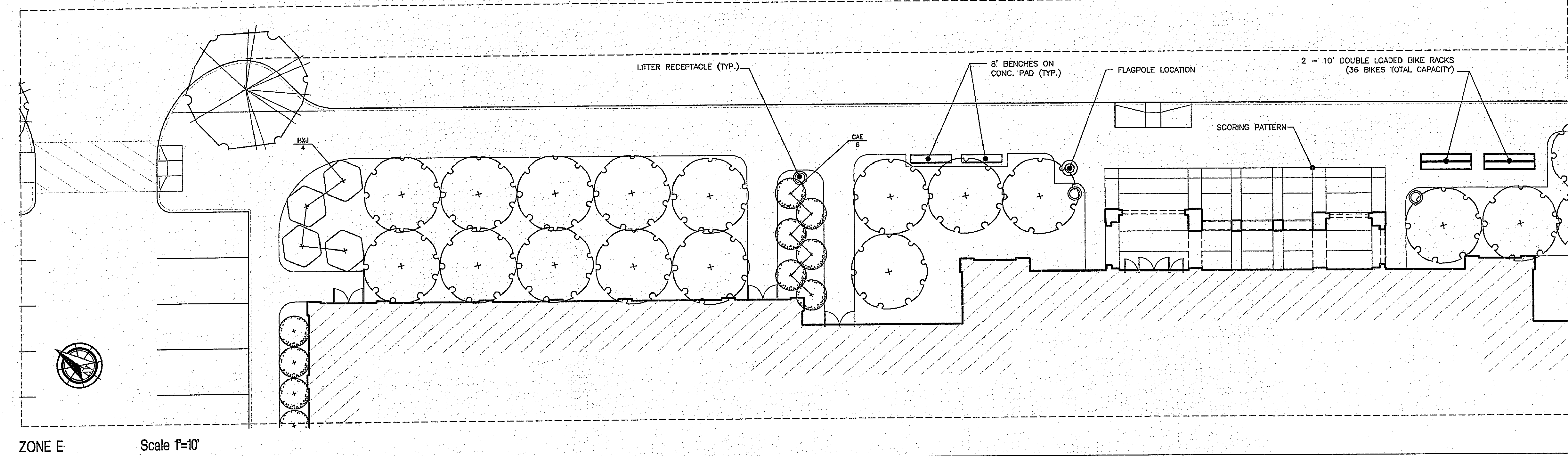
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Planting Plan 2
REDUCED PLAN
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ORIGINAL PLAN SCALE
Scale: VARIES Drawing Number:
Job No: 070100
Drawn By: SGG
Date: MAR 28, 2008
P-2

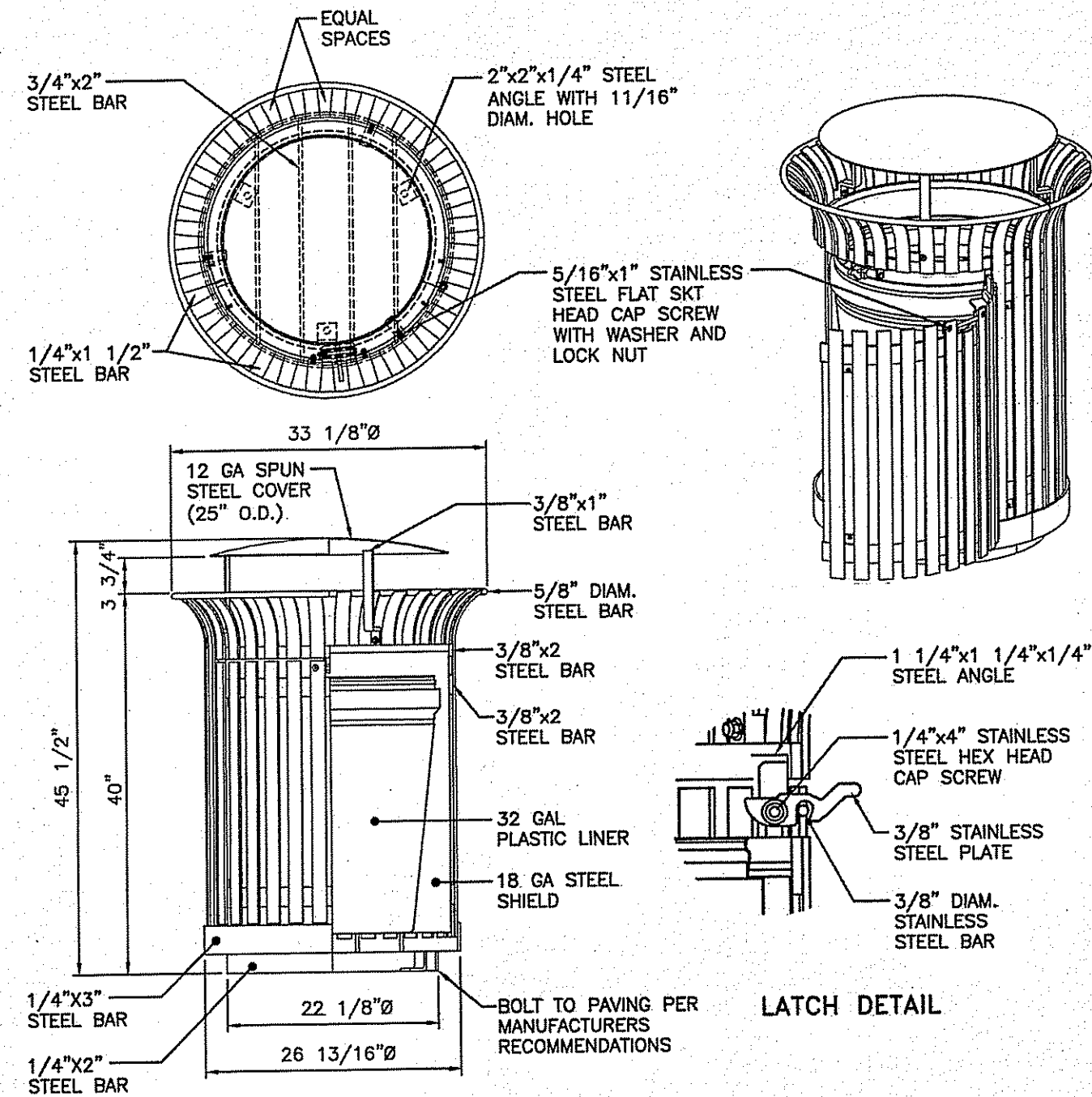


PLANT LIST (THIS SHEET ONLY)				
Key	Botanical Name Common Name	Qty.	Size	Notes
FLOWERING SHRUBS				
CAR	Cornus alba 'Elegantissima' Variegated Red Twig Dogwood	15	18"-24"	D&B
HKJ	Hammamelis x 'Jelena' Copper Witch Hazel	17	18"-24"	D&B
ROM	Rhododendron x FJM 'Olea Mezitt' Pink FJM Rhododendron	15	15"-18"	Cont.
RPJ	Rhododendron x FJM FJM Rhododendron	35	18"-24"	D&B
GROUND COVER				
LS	Liriope spicata Spreading Liriope	180	4" Pots	15" O.C.

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APPROVED PLANS MUST BE AT CONSTRUCTION SITE

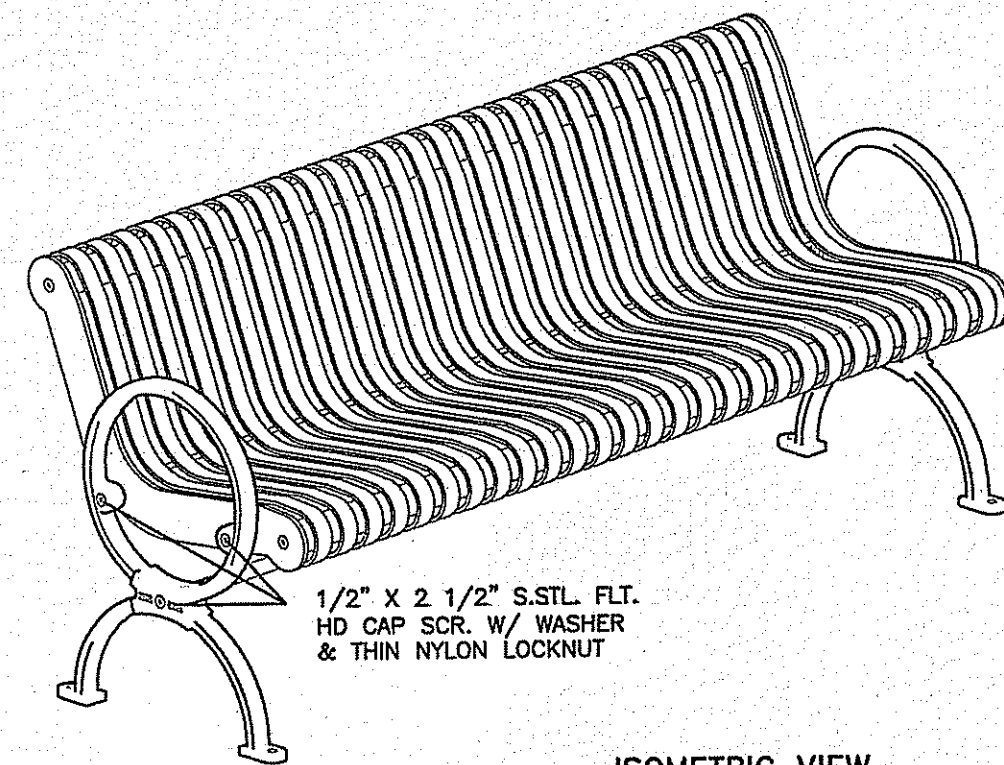
Charles A. Harbeck



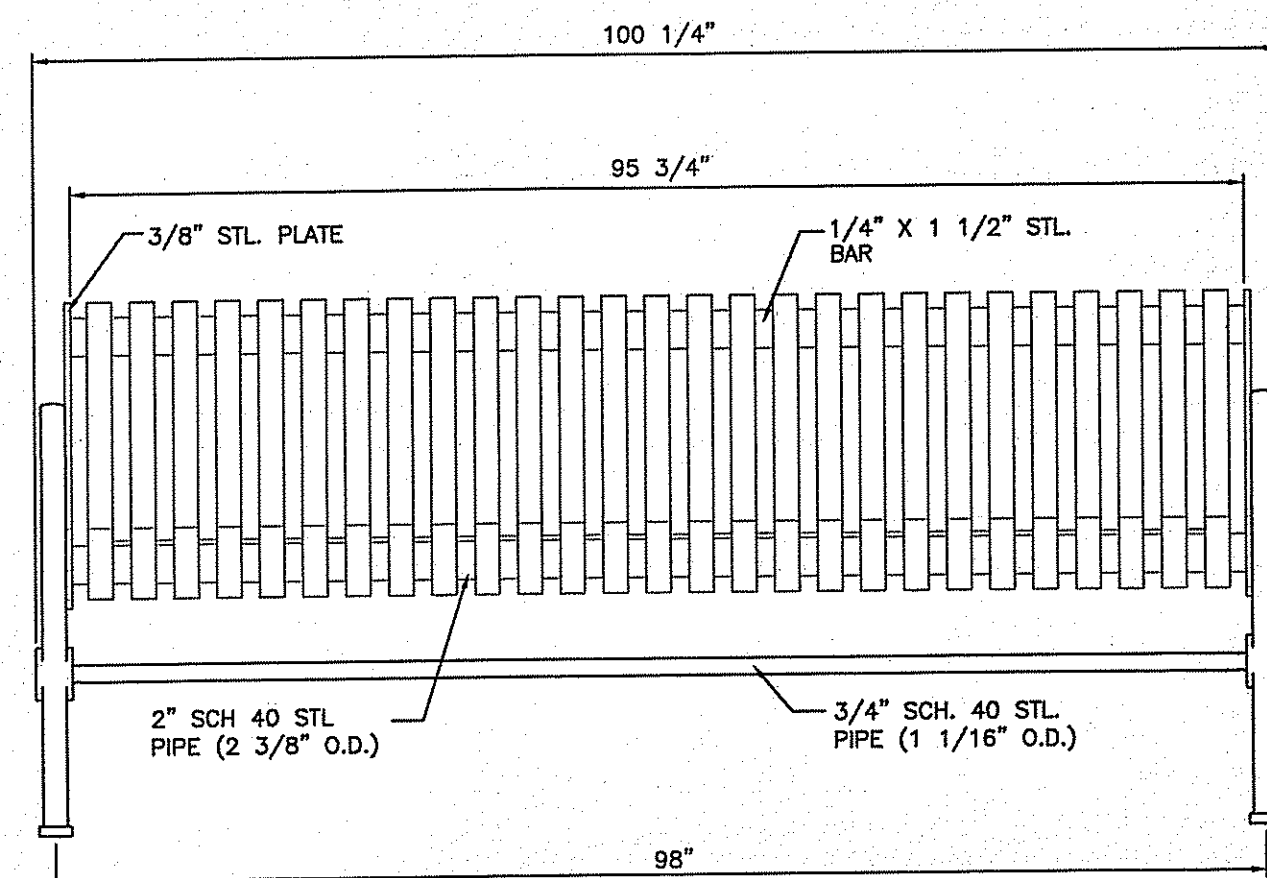


- NOTES:
1. ALL STEEL MEMBERS COATED WITH ZINC RICH EPOXY THEN FINISHED WITH POLYESTER POWDER COATING, SEE SPECIFICATIONS FOR COLOR.
 2. 1/2"x3 3/4" PLTD. EXPANSION ANCHOR BOLTS PROVIDED.
 3. SEE SPECIFICATIONS FOR MANUFACTURER, MODEL, & FINISH
 4. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURE'S SPECIFICATIONS.

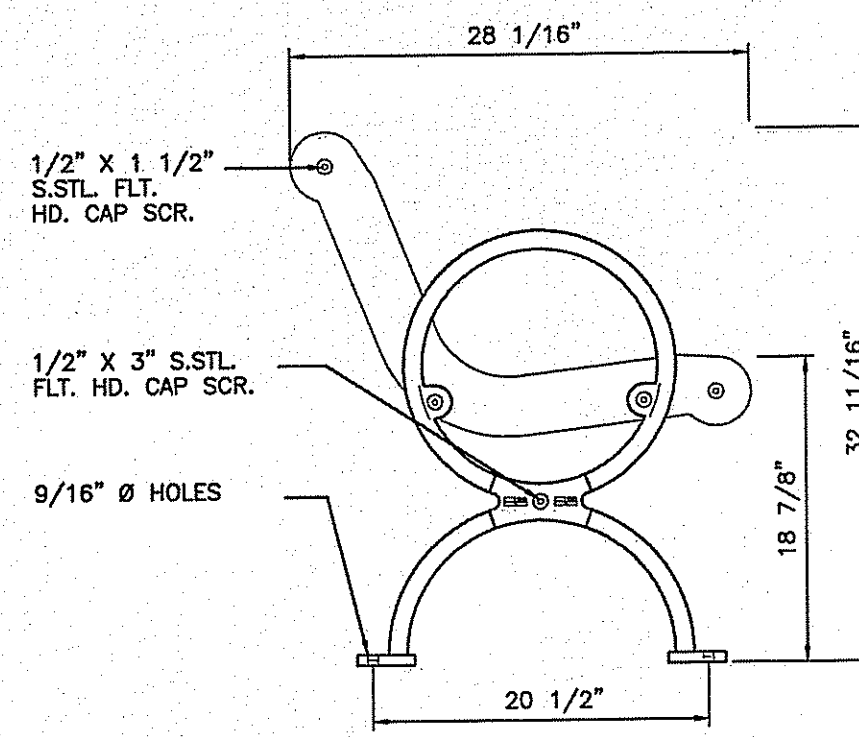
TRASH RECEPTACLE DETAIL
NOT TO SCALE



ISOMETRIC VIEW
NOT TO SCALE



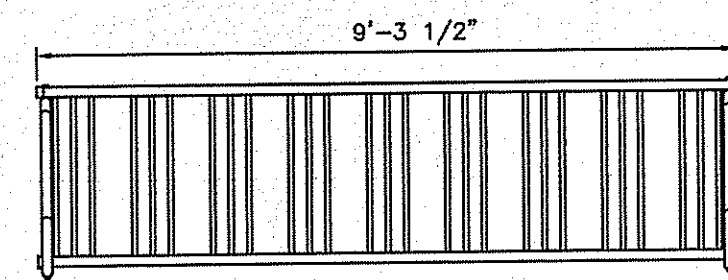
FRONT VIEW
NOT TO SCALE



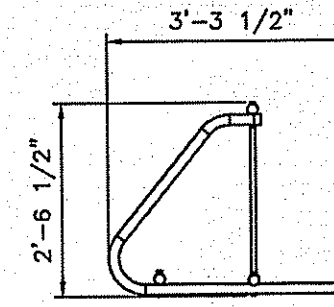
SIDE VIEW
NOT TO SCALE

- NOTES:
1. ALL STEEL MEMBERS COATED WITH ZINC RICH EPOXY THEN FINISHED WITH POLYESTER POWDER COATING, SEE SPECIFICATIONS FOR COLOR.
 1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 3. 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED FOR S-2 OPTION.
 4. SEE SPECIFICATIONS FOR MANUFACTURER, MODEL, & FINISH

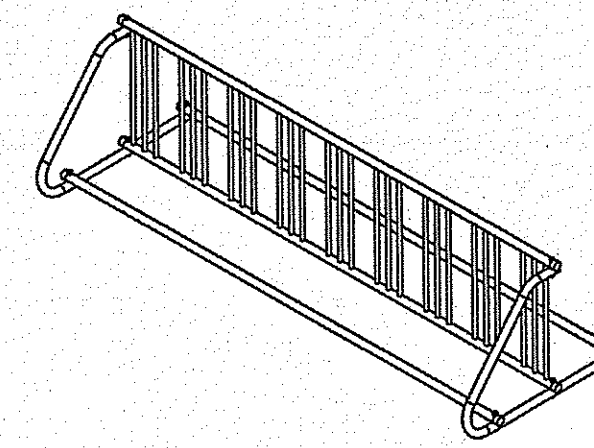
8' LONG BENCH WITH BACK
NOT TO SCALE



FRONT VIEW



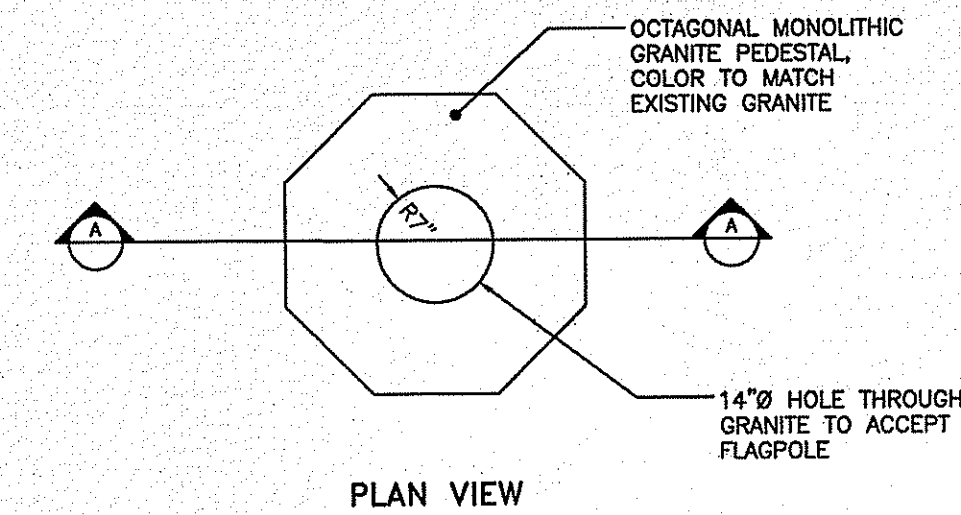
SIDE VIEW



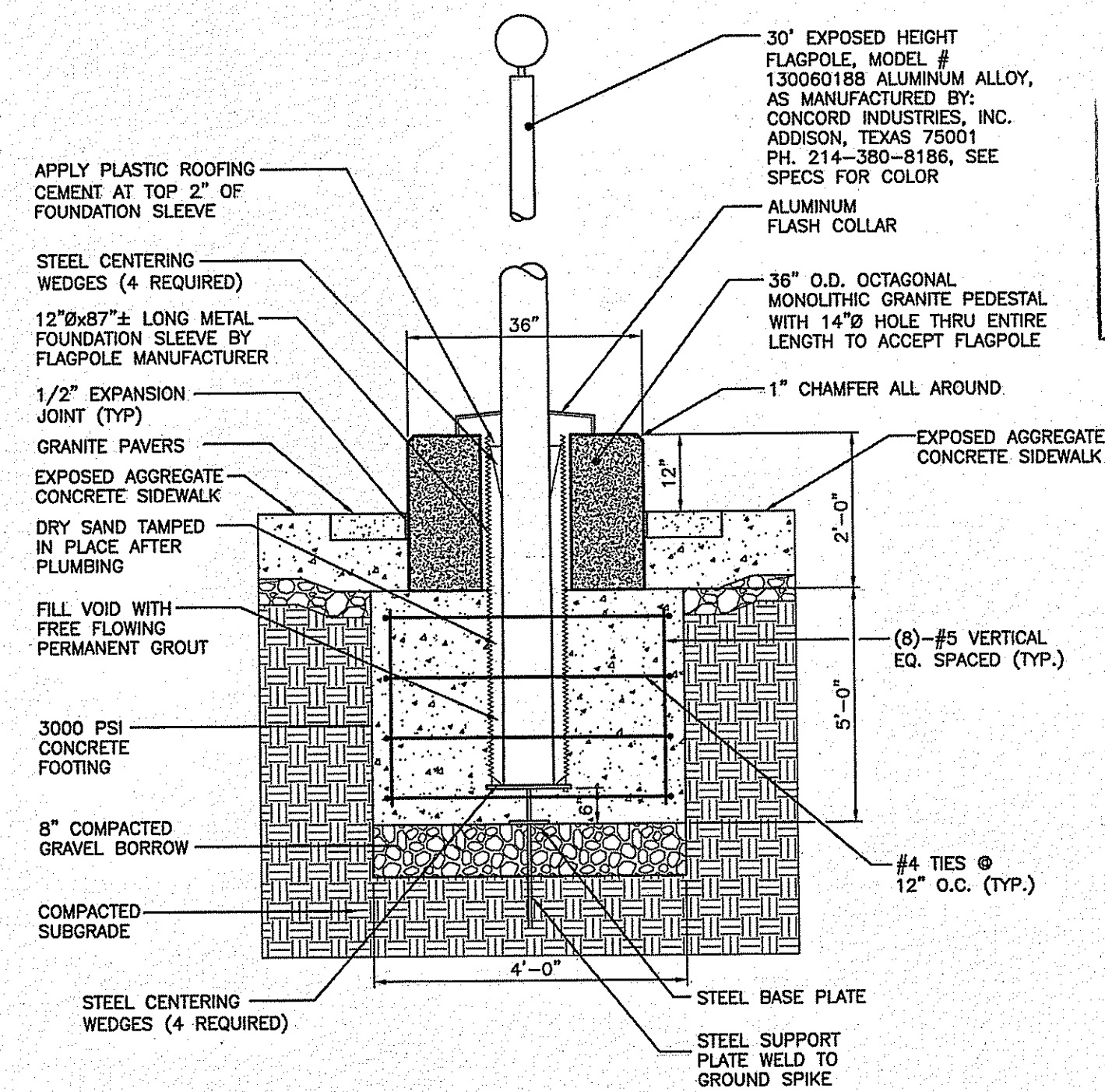
PERSPECTIVE VIEW

- NOTES:
1. BIKE RACK SHALL BE MOUNTED AT LOCATION SHOWN ON PLAN WITH MANUFACTURER'S MOUNTING KIT, SEE SPECS.
 2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 3. SEE SPECIFICATIONS FOR MANUFACTURER, MODEL, & FINISH

BIKE RACK DETAIL
NOT TO SCALE



PLAN VIEW



SECTION A-A

30' EXPOSED HEIGHT FLAGPOLE
INSTALLATION DETAIL
NOT TO SCALE

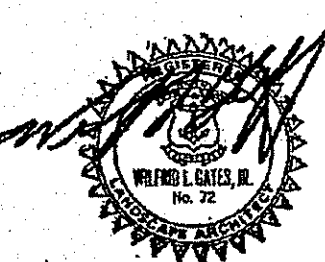
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Charles A. Harris

APR 21 2008



NEW
WOONSOCKET
MIDDLE
SCHOOL
Woonsocket, RI



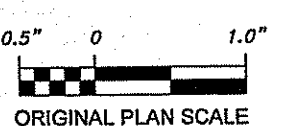
100% DESIGN
DEVELOPMENT

North Arrow

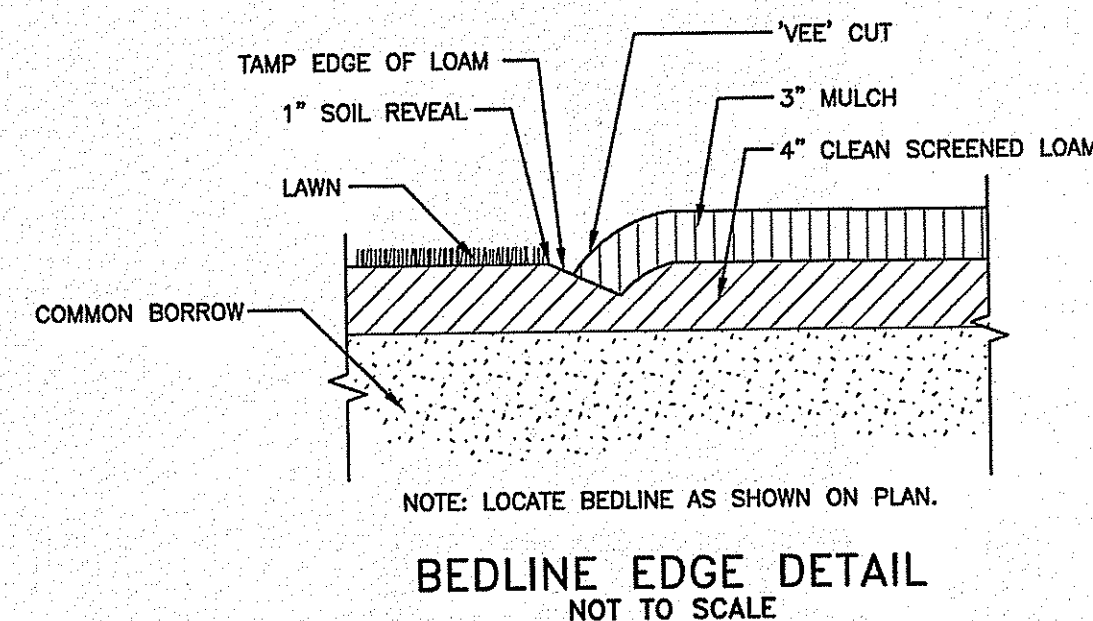
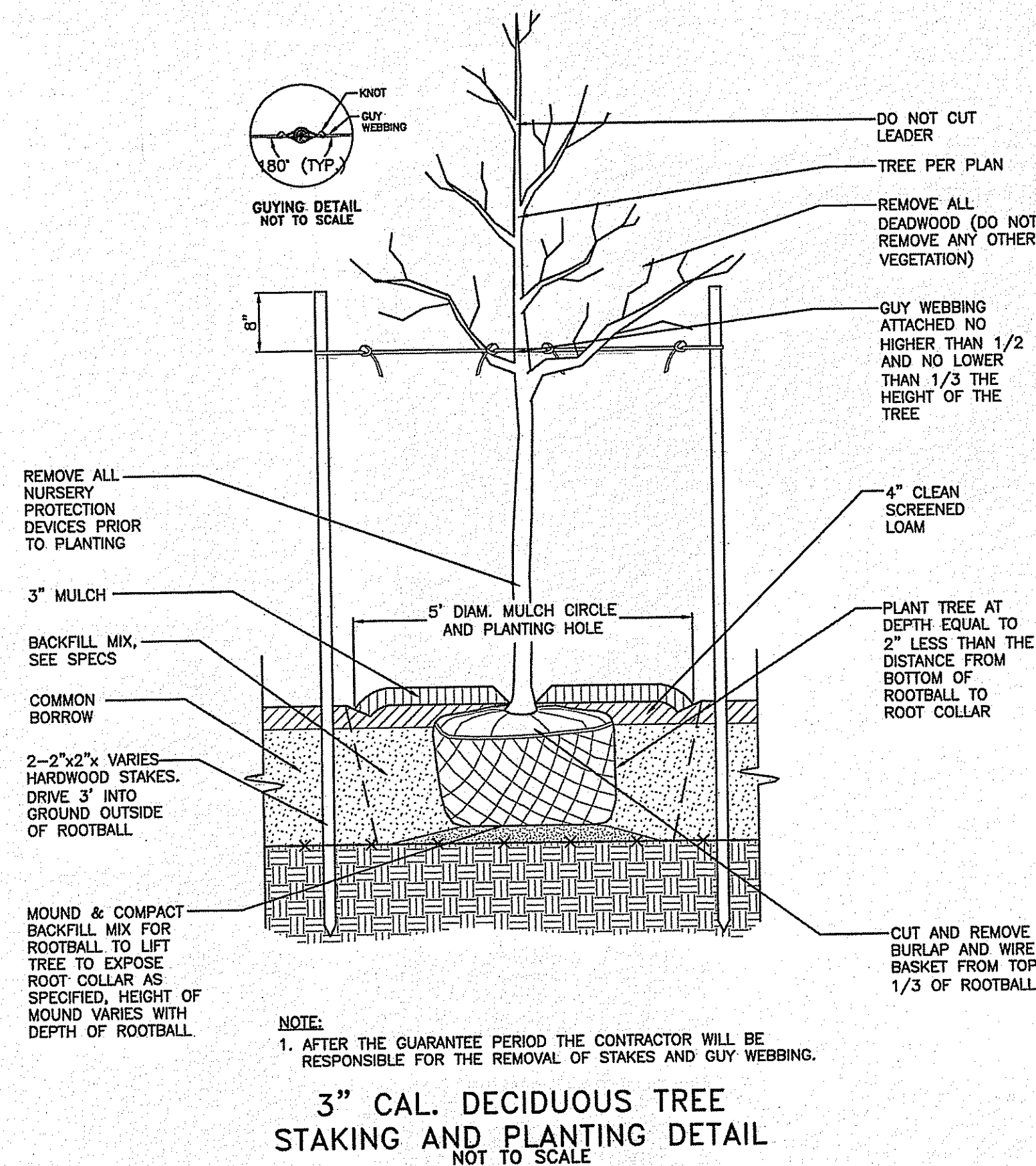
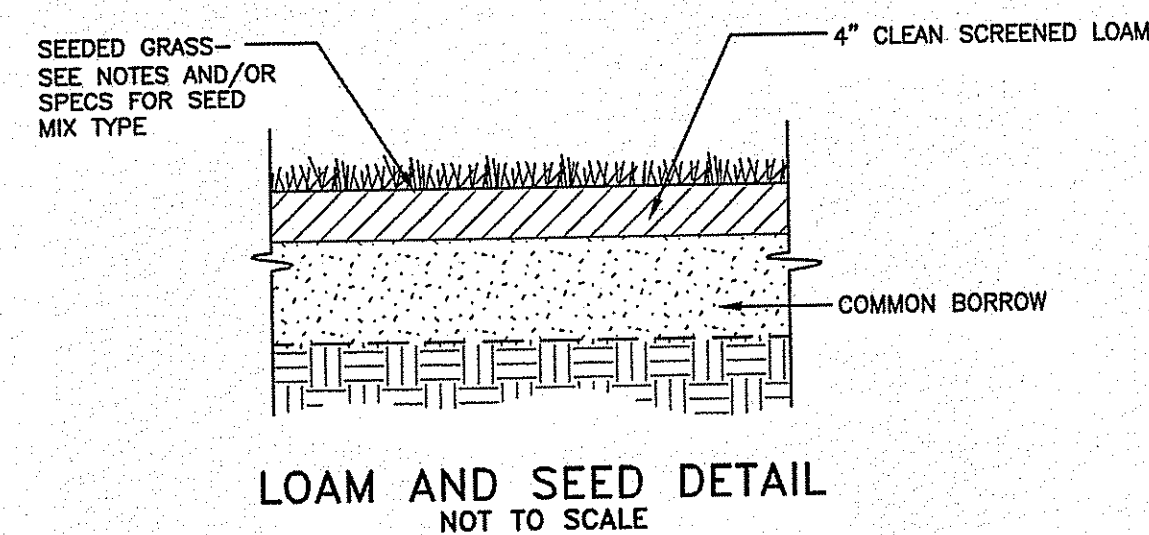
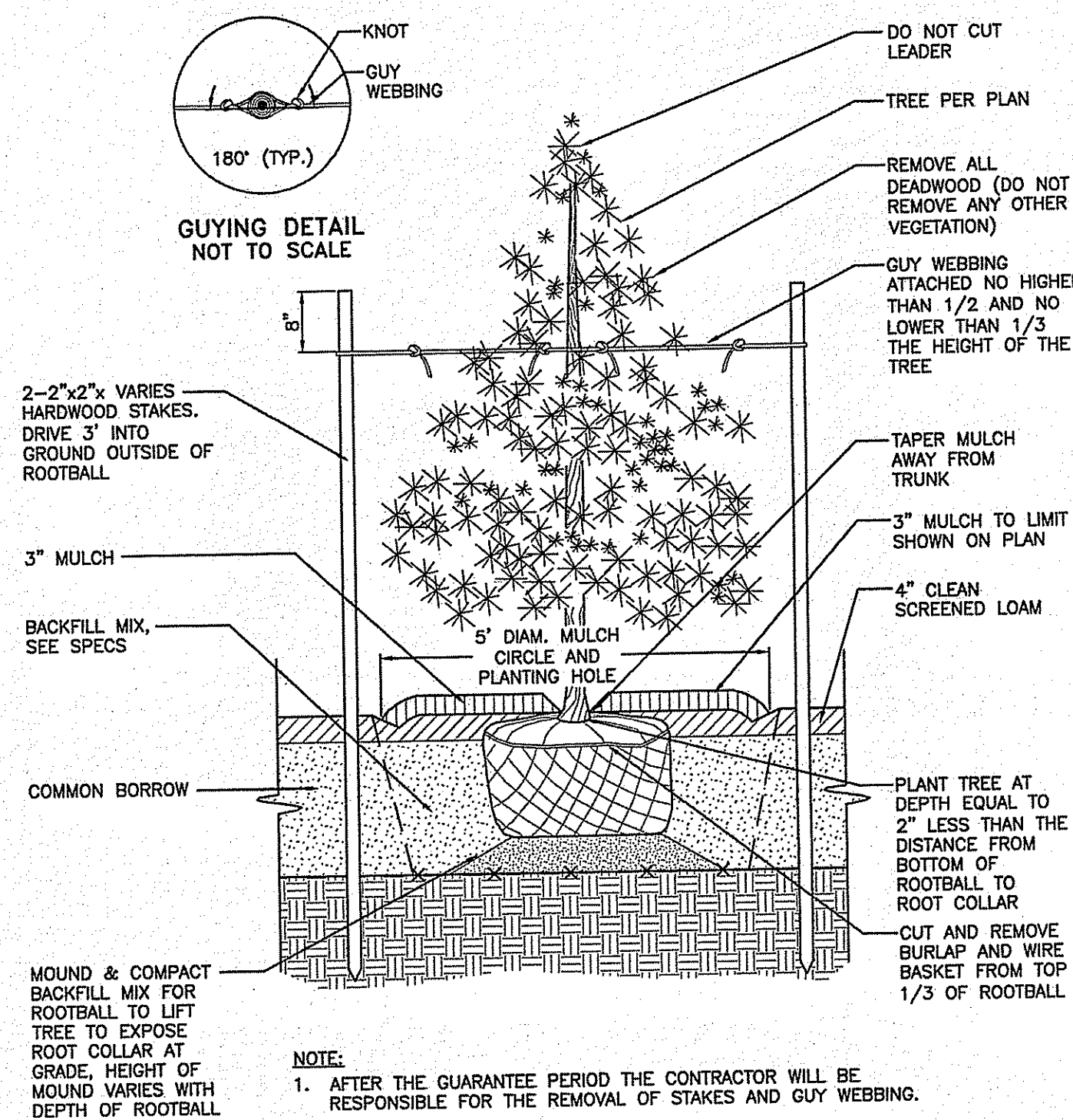
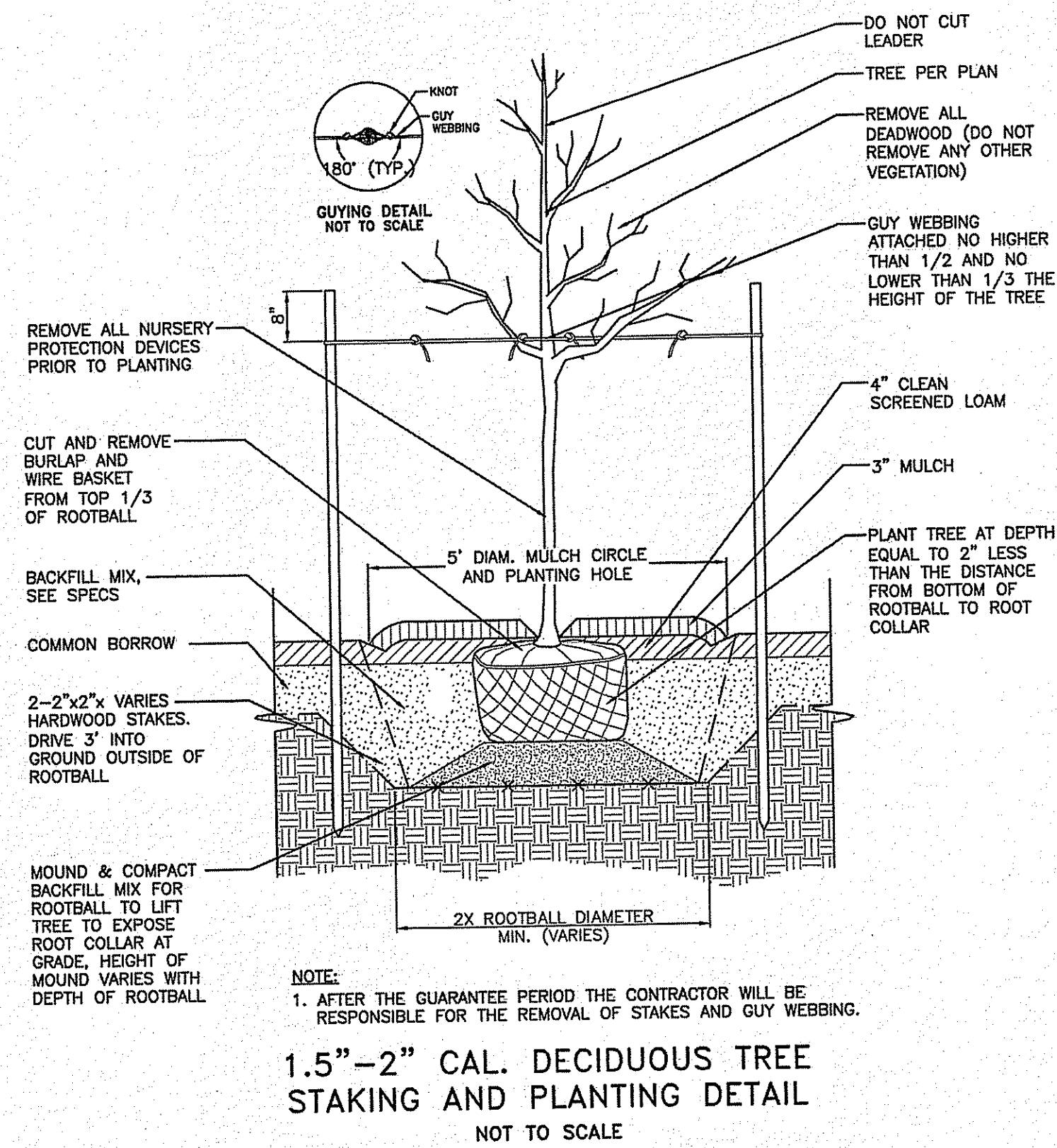
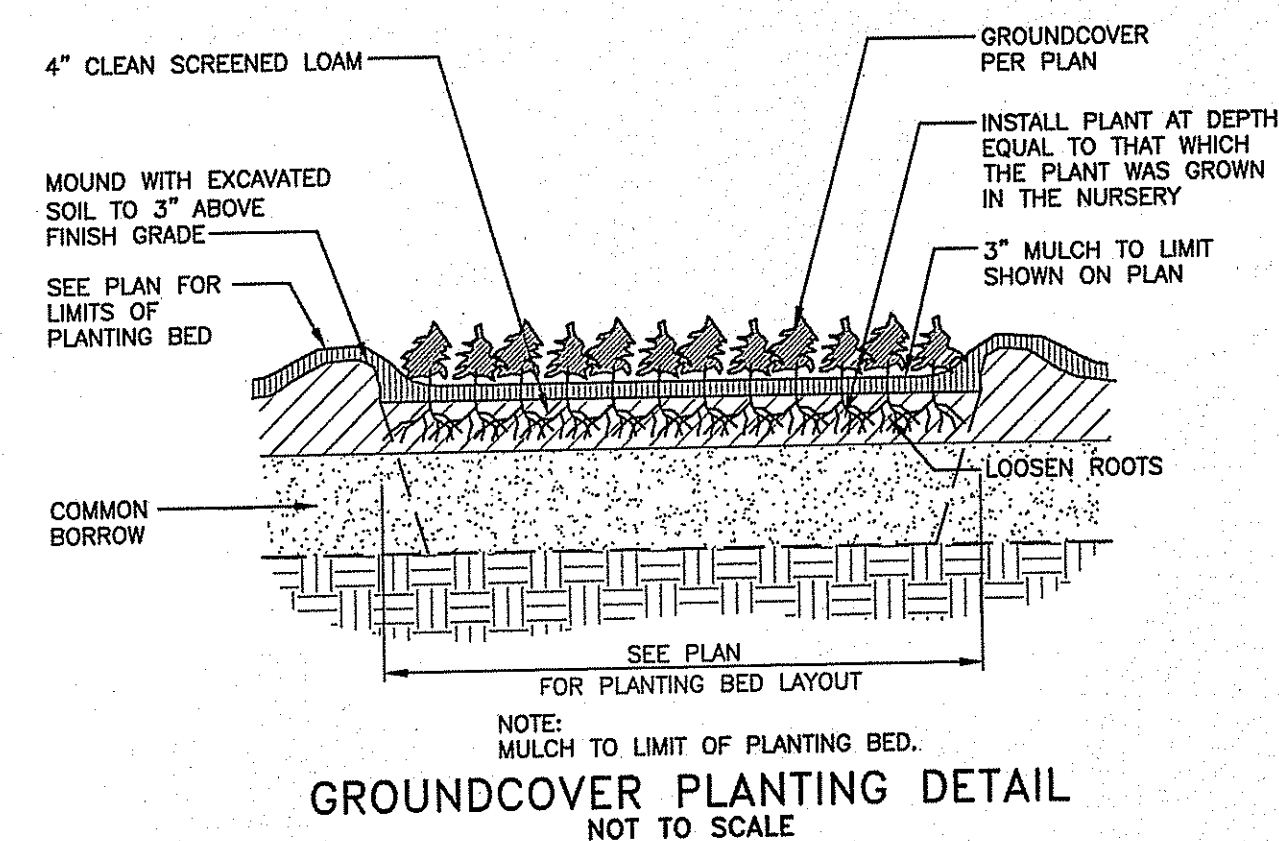
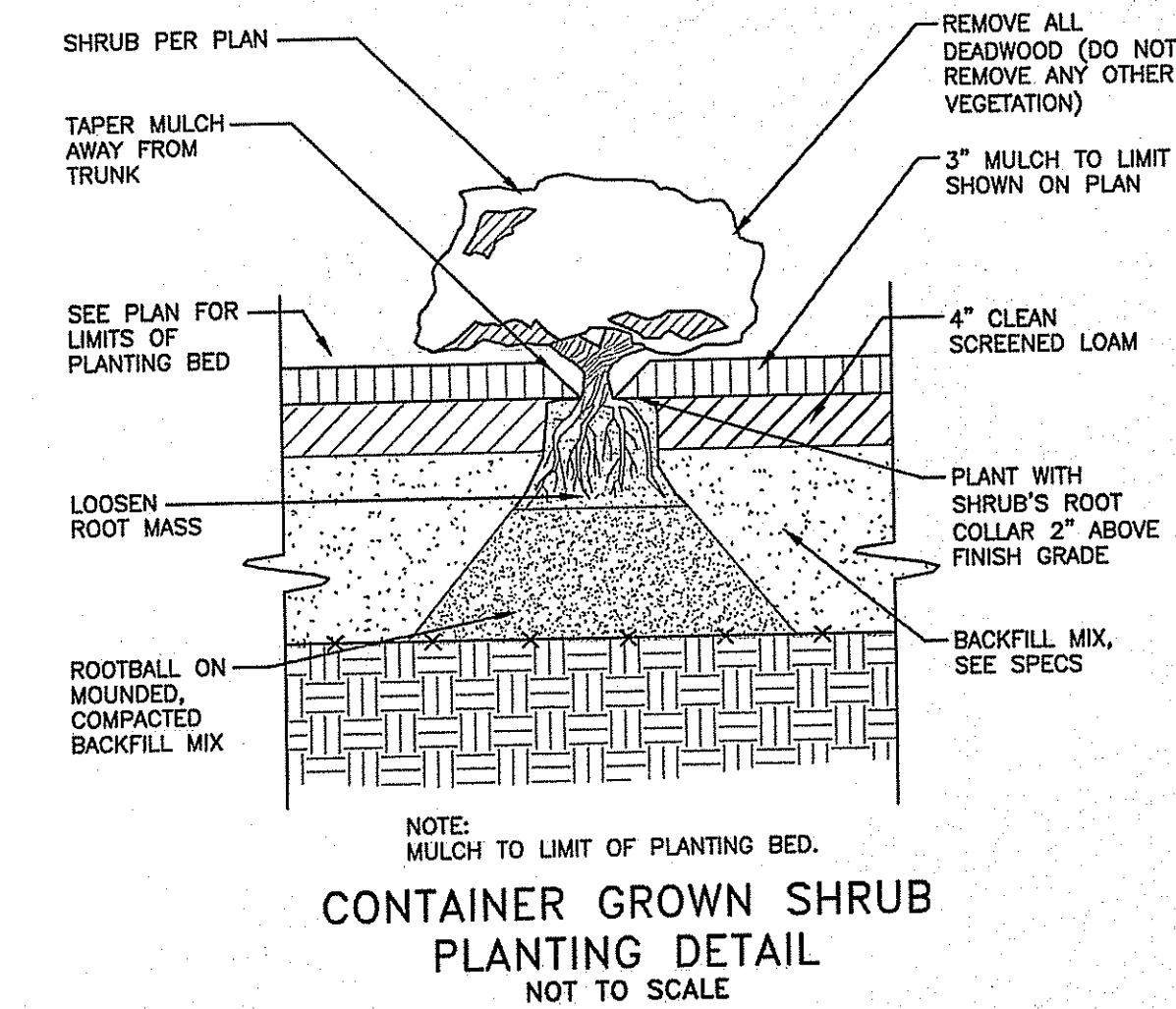
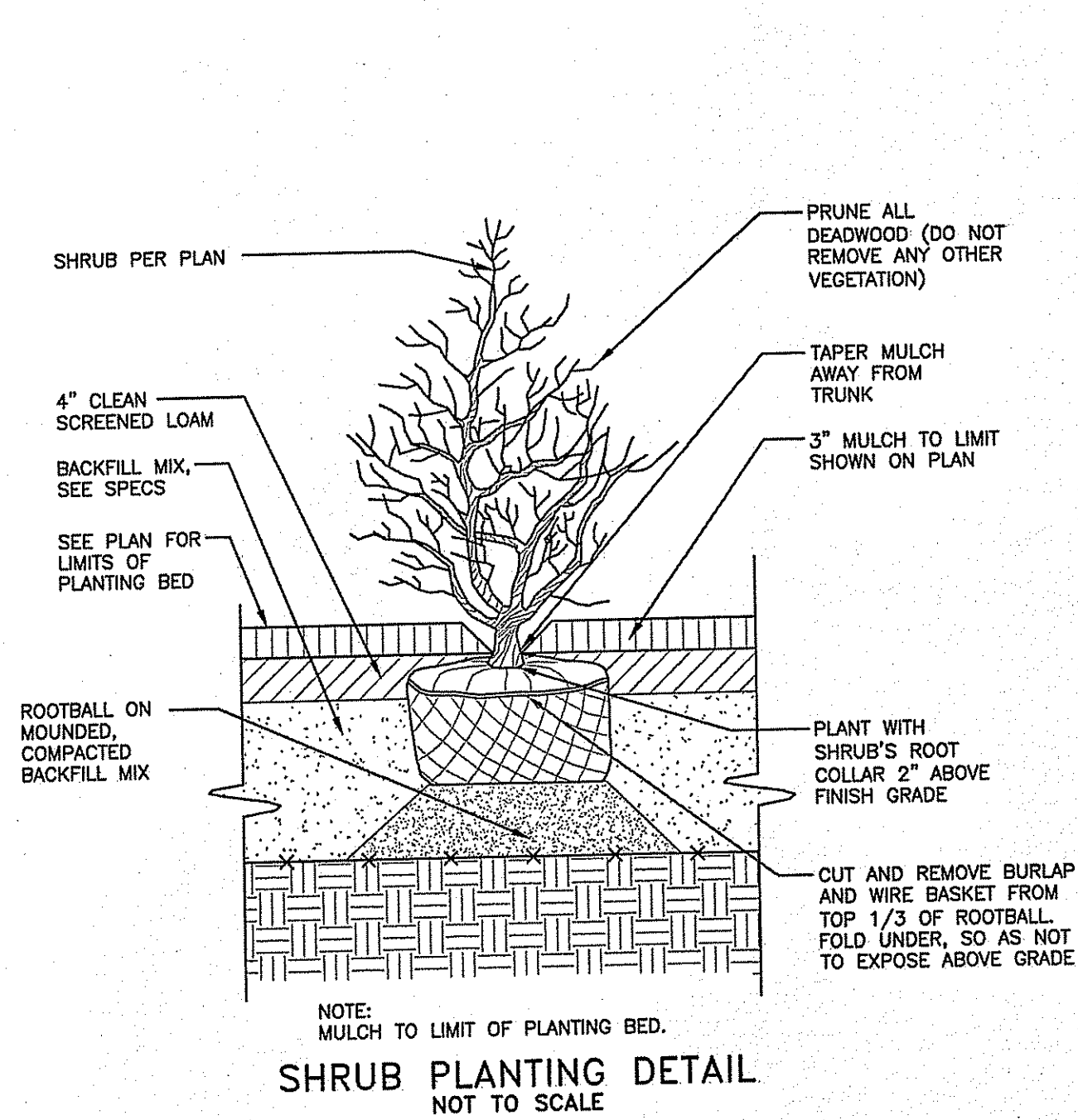
Keyplan

Drawing Name:

Hardscape Details
REDUCED PLAN



Scale: VARIES
Job No: 070100
Drawn By: SGG
Date: MAR 28, 2008
Drawing Number:
P-3



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Charles A. Haber

APR 21 2008

NOTE:
FOR MINIMUM CAPPING DETAILS, REFER
TO THE REMEDIAL ACTION WORK PLANS.

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508-358-0790 (F)
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Gates, Leighton & Associates, Inc.
LANDSCAPE ARCHITECTURE
800-4-Wetland Inc., 1001 Main St., Suite 100, Foxboro, MA 01935
508-543-1755

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PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
10 LINCOLN ROAD, SUITE 103
FOXBORO, MA 02035
508-543-1755



100% DESIGN
DEVELOPMENT

North Arrow

Keyplan

Drawing Name:
Landscape Details
REDUCED PLAN
0.5" 0 1.0"
ORIGINAL PLAN SCALE
Scale: VARIES Drawing Number:
Job No: 070100
Drawn By: SGG
Date: MAR 28, 2008
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