

SITE PLANS FOR A
PROPOSED 5 LOT RESIDENTIAL SUBDIVISION

BOISTOWN ESTATES

AP 208 LOT 24
KNIBB ROAD
BURRILLVILLE, RHODE ISLAND

ZONING DISTRICT: F5

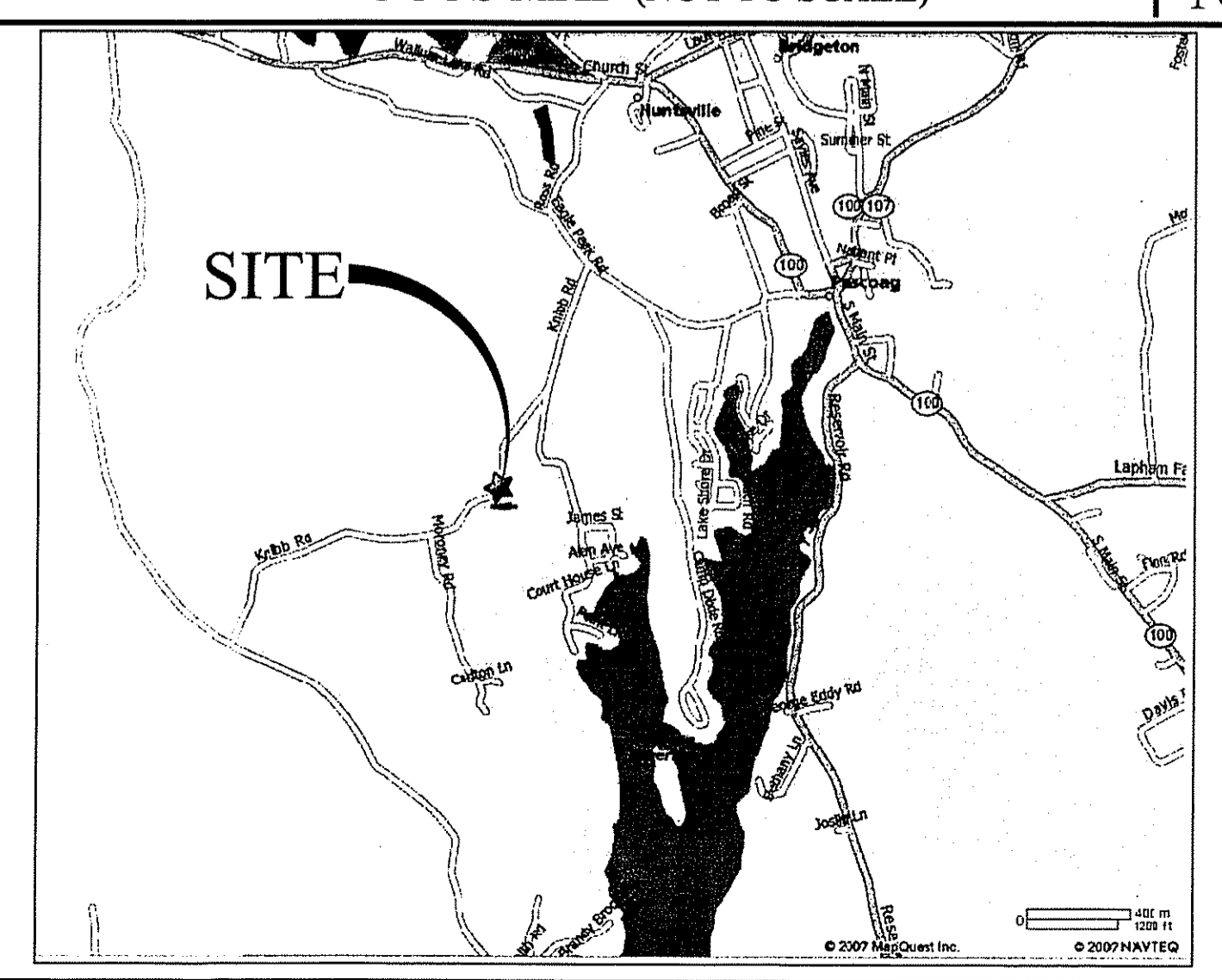
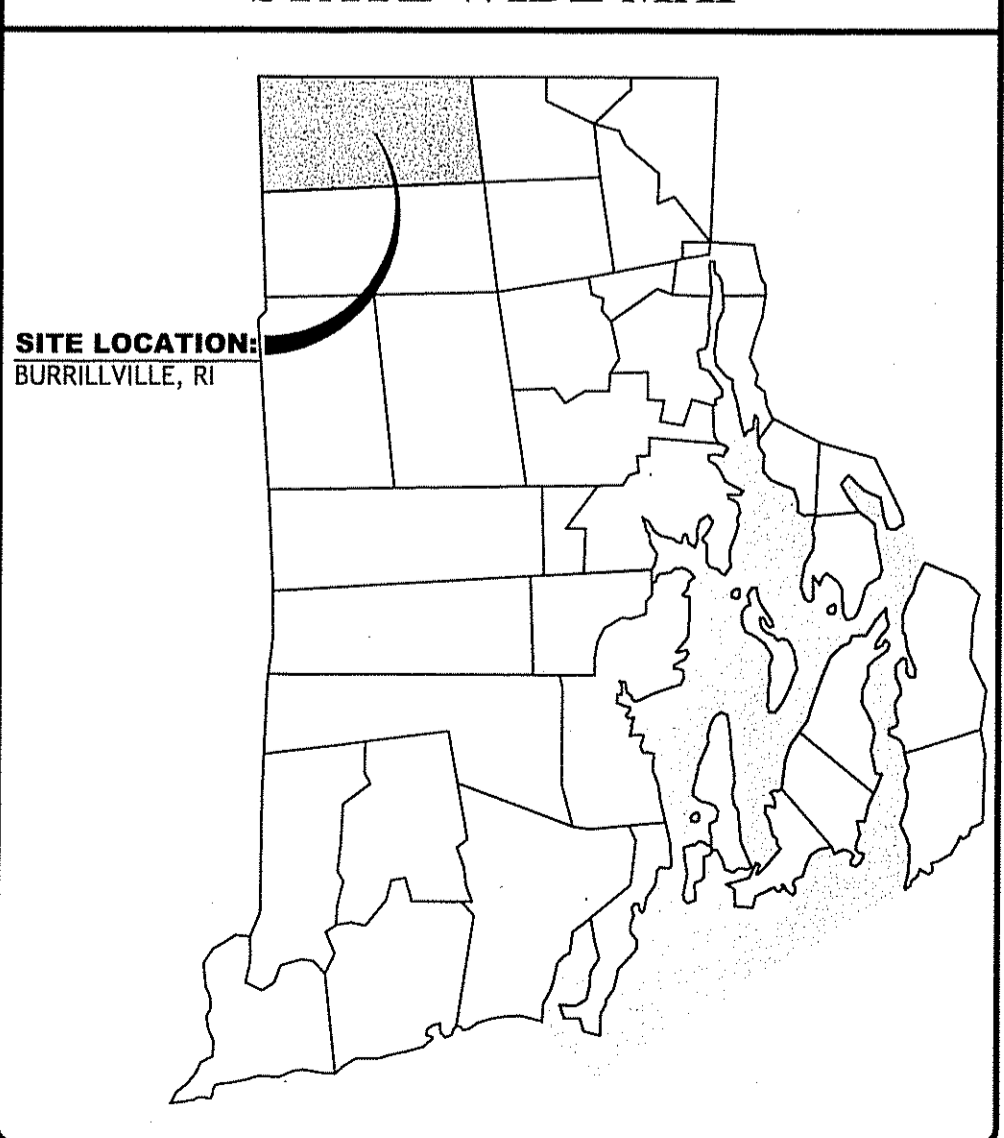
SEP 15 2008

CDE
CASALI & D'AMICO ENGINEERING, INC.
CIVIL - SITE DEVELOPMENT - TRANSPORTATION
DRAINAGE - WETLANDS - IBIS - TRAFFIC - FLOODPLAIN
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JOSEPH A. CASALI
7250
REGISTERED
PROFESSIONAL ENGINEER
CIVIL
9.14.08

BOISTOWN ESTATES
KNIBB ROAD
BURRILLVILLE, RHODE ISLAND
AP 208 LOT 24

Q:\05-22 Lou Federici\05-22c Crombie\ACAD\PLAN-SET\CROMBIE (PLAN-SET).dwg Sep. 11, 2008 11:45am

<p align="center">PROJECT TEAM</p> <p>OWNER: JASON RUOTOLO 30 SAWMILL ROAD CHEPACHET, RI 02814</p> <p>CIVIL: CASALI & D'AMICO ENGINEERING, INC 300 POST ROAD WARWICK, RI 02888 PHONE: 401-944-1300 FAX: 401-944-1313</p> <p>SURVEYOR: LOUIS FEDERICI & ASSOCIATES 365 SMITH ST. SUITE 2 PROVIDENCE, RI 02908 (PHONE) 401-331-1570 (FAX) 401-331-1593</p>	<p align="center">LOCUS MAP (NOT TO SCALE)</p> 	<p align="center">STATE WIDE MAP</p> 	<p align="center">INDEX OF DRAWINGS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SHEET NO.</th> <th>PLAN</th> </tr> </thead> <tbody> <tr><td>1</td><td>COVER SHEET</td></tr> <tr><td>2</td><td>GENERAL NOTES</td></tr> <tr><td>3</td><td>EXISTING CONDITIONS</td></tr> <tr><td>4</td><td>OVERALL SITE PLAN</td></tr> <tr><td>5</td><td>SITE PLAN</td></tr> <tr><td>6</td><td>GRADING AND DRAINAGE PLAN</td></tr> <tr><td>7</td><td>PROFILE AND DETAILS</td></tr> <tr><td>8</td><td>DETAILS</td></tr> </tbody> </table> <div style="text-align: right; margin-top: 20px;"> <p>DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF WATER RESOURCES FRESHWATER WETLANDS PROGRAM APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL DATED SEP 26 2008 FILE # 05-046 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL APPROVED PLANS MUST BE AT CONSTRUCTION SITE</p> <p><i>Charles A. Huber</i></p> </div>	SHEET NO.	PLAN	1	COVER SHEET	2	GENERAL NOTES	3	EXISTING CONDITIONS	4	OVERALL SITE PLAN	5	SITE PLAN	6	GRADING AND DRAINAGE PLAN	7	PROFILE AND DETAILS	8	DETAILS
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REVISIONS:

NO.	DATE	DESCRIPTION
1	AUG. 07	RIDEM COMMENTS
2	SEPT. 08	FWW MODIFICATIONS

DRAWN BY: GAH/WRA
CHECKED BY: NCW/JAC
DATE: SEPTEMBER 06
PROJECT NO: 05-22c

COVER

**SHEET
1 OF 8**

GENERAL NOTES:

- CLASS I PROPERTY LINE AND CLASS III TOPOGRAPHIC SURVEY COMPLETED BY LOUIS FEDERICI AND ASSOCIATES, PROVIDENCE, RI IN 2006.
- THE LOCATION AND DEPTH OF EXISTING UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM THE LATEST AVAILABLE INFORMATION. THE UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE. THE CONTRACTOR SHALL CHECK AND VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, BOTH OVERHEAD AND UNDERGROUND, AND "DIG-SAFE" MUST BE NOTIFIED PRIOR TO COMMENCING ANY CONSTRUCTION OPERATIONS. RESTORATION AND REPAIR OF DAMAGE TO EXISTING UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER. NO EXCAVATION SHALL COMMENCE UNTIL ALL INVOLVED UTILITY COMPANIES AND/OR CITY WHOSE FACILITIES MIGHT BE AFFECTED BY ANY WORK TO BE PERFORMED BY THE CONTRACTOR ARE NOTIFIED AT LEAST 72 HOURS IN ADVANCE.
- THIS SITE LIES IN ZONE C (AREAS DETERMINED TO BE OUTSIDE THE 100-YEAR FLOOD ZONE), AS SHOWN ON THE FIRM MAP FOR THE TOWN OF BURRILLVILLE, RI COMMUNITY PANEL NO. 440013 0010B, MAP REVISED JULY 2, 1979.
- SOIL EVALUATIONS FOR TEST PITS 1B, 2B, AND 3B WERE COMPLETED BY ROBERT SCHULTZ JR. OF CASALI & D'AMICO ENGINEERING INC. IN 2006. SOIL EVALUATION FOR TEST PITS 3, 4, 9, 12-14, 16-19 WERE COMPLETED BY ROBERT CLIFT JR OF LOUIS FEDERICI & ASSOCIATES IN 2005.
- WETLAND RESOURCES WERE DELINEATED BY NATURAL RESOURCE SERVICES IN MARCH 2005. THE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (RIDEM) VERIFIED THE DELINEATED EDGE OF THE WETLANDS IN NOVEMBER 2005, IN A LETTER TO JAMES & DEBRA CROMBIE DATED DECEMBER 1, 2005. REFERENCE APPLICATION NUMBER 05-0424.

SITE NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING (R&D) OF ALL MATERIALS INDICATED ON THE PLANS.
- STOCKPILES OF EARTH MATERIALS SHALL NOT BE LOCATED ADJACENT TO DRAINAGE STRUCTURES.
- ALL DISTURBED AREAS OUTSIDE OF THE PAVED AREAS WILL RECEIVE A MINIMUM OF 6" OF LOAM AND SEED.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SURVEY LAYOUT SERVICES FOR THE WORK AND SHALL SUBMIT "AS-BUILT" DRAWINGS OF ALL WORK, WHICH SHALL BE STAMPED AND CERTIFIED BY A RHODE ISLAND REGISTERED PROFESSIONAL LAND SURVEYOR.
- ANY ITEM OF WORK NOT SPECIFICALLY INDICATED ON THE PLANS BUT IS REQUIRED FOR THE COMPLETE CONSTRUCTION OF THE PROJECT WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND INCLUDED IN THE CONTRACT BID PRICE. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING SITE CONDITIONS.
- REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR ACTUAL SIZE OF THE PROPOSED BUILDING.
- WHERE NECESSARY TO REMOVE CURBS, CATCH BASINS OR DRAINS TO COMPLETE WORK, THE CONTRACTOR SHALL REPLACE SUCH ITEMS TO THE SATISFACTION OF THE TOWN OF BURRILLVILLE AT NO ADDITIONAL COST TO THE OWNER.
- ANY EXISTING PIPE OR UTILITY DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR AT NO COST TO THE OWNER OR TOWN.
- THE CONTRACTOR SHALL RESTORE TO ITS ORIGINAL CONDITION OR REPLACE TREES, SHRUBS, FENCES, SIGNS, GUARDRAILS, DRIVEWAYS, SIDEWALKS AND ANY OTHER OBJECT AFFECTED BY THIS OPERATION.
- THE TOPS OF ALL VALVE BOXES AND CURB BOXES SHALL BE FLUSH WITH GROUND OR PAVEMENT SURFACE LEVEL AND PLUMB, UNLESS OTHERWISE DIRECTED.
- ROADWAYS SHALL BE LEFT PASSABLE AT ALL TIMES. CLOSURE OF ROADWAY IS NOT PERMITTED.
- THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL DRIVEWAYS AT COMPLETION OF EACH DAYS WORK.
- WATER SERVICE SHALL BE MAINTAINED AT ALL TIMES.
- ALL LEDGE TO BE REMOVED BY MECHANICAL MEANS.
- ALL CONSTRUCTION WORK SHALL BE PERFORMED IN THE DRY. THE CONTRACTOR SHALL PROVIDE, OPERATE AND MAINTAIN ALL PUMPS, DRAINS, WET POINTS, SCREENS, OR OTHER FACILITIES NECESSARY TO CONTROL, COLLECT AND DISPOSE OF ALL SURFACE AND SUBSURFACE WATER ENCOUNTERED IN THE PERFORMANCE OF THE WORK.
- REFER TO PLUMBING PLANS FOR CONTINUATION OF ALL UTILITIES WITHIN 5' (FIVE) FEET OF THE BUILDING.
- ALL SITE WORK, INCLUDING BUT NOT LIMITED TO, BITUMINOUS PAVEMENT, ROADWAY CONSTRUCTION, AGGREGATE MATERIALS, DRAINAGE STRUCTURES, CURBING, SIDEWALK, LANDSCAPING, SAW CUTTING, ETC. SHALL CONFORM TO THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION, 2004 EDITION (WITH LATEST ADDENDA) AND THE RIDOT STANDARD DETAILS, 1998 EDITION (WITH LATEST ADDENDA).

MISCELLANEOUS UTILITY NOTES:

- PRIOR TO CONSTRUCTION ALL POTENTIAL UTILITY/DRAINAGE CONFLICTS MUST BE IDENTIFIED BY THE CONTRACTOR. ANY MODIFICATIONS TO THE PROPOSED UTILITIES TO AVOID CONFLICTS MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. NO EXTRA PAYMENT TO THE CONTRACTOR DUE TO RELOCATION'S WILL BE AUTHORIZED.
- THE UTILITY PLAN DOES NOT DEPICT THE NECESSARY ELECTRICAL CONDUIT/WIRING TO SERVICE THE PROPOSED LIGHTING AND SIGNS, WHICH WILL BE PERFORMED BY THE CONTRACTOR FOR NO ADDITIONAL COST.
- OVERHEAD ELECTRIC AND TELEPHONE SERVICES ARE TO BE REMOVED BY THE APPROPRIATE UTILITY COMPANY AND COORDINATED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL AT ALL TIMES PROVIDE A SUFFICIENT NUMBER OF WORKMEN AND GUARDS AS MAY BE NECESSARY TO PROPERLY SAFEGUARD THE PUBLIC FROM THEIR OPERATIONS.
- THE CONTRACTOR SHALL TAKE PRECAUTIONS AGAINST DAMAGING OF PAVING, SIDEWALKS, UTILITIES, OR PRIVATE PROPERTIES AND SHALL PROMPTLY REPAIR AT HIS OWN EXPENSE ANY DAMAGE TO SUCH PAVING, SIDEWALKS, UTILITIES, OR PRIVATE PROPERTIES TO THE SATISFACTION OF THE OWNER, CITY, OR LOCAL AUTHORITY.
- EXISTING UTILITY FRAMES AND COVERS FOR SANITARY SEWER, WATER, GAS, STORM DRAINAGE AND OTHER UTILITIES SHALL BE ADJUSTED TO GRADE AS REQUIRED IN NEW PAVING AND PAVEMENT OVERLAY AREAS.

LAYOUT NOTE:

THE LAYOUT SHOWN REPRESENTS A GRAPHICAL DESIGN, AND PRIOR TO THE CONSTRUCTION, THE CONTRACTOR SHALL ENGAGE A PROFESSIONAL LAND SURVEYOR (PLS) REGISTERED IN THE STATE OF RHODE ISLAND TO SET AND VERIFY ALL LINES AND GRADES. ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS ARE TO BE CONFIRMED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY ITEMS FOUND WHICH DO NOT MATCH THE PLANS MUST BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO CONSTRUCTION FOR REVIEW. NO WORK SHALL PROCEED UNTIL AUTHORIZED BY THE ENGINEER.

MAINTENANCE AND PROTECTION OF TRAFFIC NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC INCLUDING POLICE PROTECTION. ALL TEMPORARY AND VEHICULAR SIGNS, BARRICADES AND LANE CLOSURES SHALL BE IN CONFORMANCE WITH THE LATEST REVISIONS OF MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.)
- TEMPORARY CONSTRUCTION SIGNS AND ALL APPLICABLE TRAFFIC CONTROL DIVIDES SHALL BE IN PLACE PRIOR TO THE START OF WORK IN ANY AREA OPEN TO TRAFFIC.
- THE PRIVATE VEHICLES OF CONSTRUCTION WORKERS SHALL NOT BE PARKED IN THE STATE OR TOWN RIGHT-OF-WAY.
- ALL MAINTENANCE AND PROTECTION OF TRAFFIC CONTROL SETUPS, SIGNS CHANNELING DEVICES, ETC, SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. 1988 EDITION, INCLUDING REVISION 3, SEPTEMBER 3, 1993 AND SUBSEQUENT ADDENDA.
- SIGN MOUNTINGS SHALL BE IN ACCORDANCE WITH THE R.I.D.O.T. SPECIFICATIONS FOR TEMPORARY CONSTRUCTION SIGNS.

EXTENDED DETENTION BASIN NOTES:

- (FOR DETENTION BASIN A, DETENTION BASIN B AND STORMWATER COLLECTION AREA A)
- GRASSES MUST BE PLANTED AROUND AND WITHIN THE BASIN IMMEDIATELY FOLLOWING CONSTRUCTION TO STABILIZE THE SLOPES AND PREVENT EROSION. TREES AND SHRUBS SHALL NOT BE ON THE IMPOUNDING EMBANKMENTS TO PREVENT POSSIBLE FAILURE OF THE STRUCTURE. IT IS SUGGESTED THE DEVELOPER USE STORM WATER BASIN PLANTS AND LANDSCAPING GUIDE: A SIMPLE GUIDE FOR DESIGNERS AND COMMUNITIES (LMP, 1991) TO ASSIST THE SELECTION OF APPROPRIATE VEGETATION.
 - SIDE-SLOPES, EMBANKMENTS AND THE UPPER STAGE OF THE BASIN SHOULD BE MOWED AT LEAST ONCE DURING THE GROWING SEASON PREFERABLE AFTER AUGUST 15TH, TO PREVENT UNWANTED WOODY GROWTH. MOWINGS CAN BE MORE FREQUENT IN RESIDENTIAL AREAS IF A MORE GROOMED APPEARANCE IS DESIRED HOWEVER GROOMED AREAS (SHORT GRASS) WILL ATTRACT CANADIAN GEESSE. LONGER MORE NATURAL GRASS WILL BENEFIT OTHER SPECIES OF WILDLIFE AND DISCOURAGE SMALL CHILDREN FROM APPROACHING TO CLOSE TO THE BASIN. ALL TRASH AND LITTER SHALL BE REMOVED FROM THE BASIN DURING MOWING OPERATIONS.
 - SEDIMENTS SHALL BE REMOVED FROM THE BASIN DURING THE FIRST YEAR OF OPERATION AND EVERY 10 YEARS THEREAFTER. MORE FREQUENT REMOVALS MAY BE NECESSARY IF THE SEDIMENT STORAGE CAPACITY OF THE FORE BAY OR POND IS EXCEEDED, OR WHEN THE SEDIMENT DEPTH REACHES 6 INCHES, WHICHEVER COMES FIRST.
 - THE DETENTION BASIN(S) OUTLET AND OUTFLOW CHANNEL SHALL BE INSPECTED AT LEAST TWICE PER YEAR. INSPECTIONS SHALL BE ACCOMPLISHED SEVERAL TIMES DURING THE FIRST SIX MONTHS OF OPERATIONS, ESPECIALLY AFTER RAINFALL EVENTS, TO CHECK FOR CLOGGING OR TOO RAPID RELEASE RESULTING IN EROSION.
 - IF STANDING WATER IS FOUND IN EITHER BASIN MORE THAN (3) DAYS AFTER A RAINFALL EVENT, THE BASIN(S) SHALL BE DETERMINED TO HAVE FAILED AND THE OWNER SHALL BE RESPONSIBLE TO HAVE THE BASIN(S) CHECKED BY A PROFESSIONAL REGISTERED ENGINEER AND REPAIRED OR REPLACED IMMEDIATELY.
 - THE GRASSES SHALL BE INSPECTED AT LEAST TWICE PER YEAR TO CHECK FOR EROSION PROBLEMS. PROBLEM AREAS SHALL BE RE-SEEDDED IMMEDIATELY TO STABILIZE EXPOSED SOIL, THEREBY PREVENTING EROSION AND POTENTIAL CLOGGING OF OUTFLOW DEVICES.
18. AN AREA SHALL BE SET ASIDE IN THE DEVELOPMENT SITE IN AN UPLAND LOCATION OUTSIDE OF JURISDICTIONAL WETLANDS FOR THE PURPOSE OF SEDIMENT DISPOSAL, IF AN OFF SITE DISPOSAL AREA IS NOT FEASIBLE.

LONG TERM MAINTENANCE RESPONSIBILITY:

WHEN ALL CONSTRUCTION IS COMPLETE, THE SITE HAS BEEN STABILIZED TO PREVENT EROSION AND SEDIMENTATION BY A WELL ESTABLISHED VEGETATIVE COVER AND THE DRAINAGE IMPROVEMENTS HAVE BEEN INSPECTED AND ACCEPTED BY THE TOWN OF BURRILLVILLE, THE PARTY RESPONSIBLE FOR LONG TERM MAINTENANCE, INSPECTION AND REPAIRS TO ALL DRAINAGE FACILITIES SHOWN ON THESE PLANS, SHALL BE THE HOME OWNERS ASSOCIATION.

CULVERT MAINTENANCE NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE DURING CONSTRUCTION AND SHALL REMAIN THE RESPONSIBLY PARTY UNTIL THE DEVELOPMENT HAS BEEN ACCEPTED BY THE TOWN OF BURRILLVILLE. THE CONTRACTOR SHALL INSPECT THE CULVERTS WEEKLY AND REMOVE ALL SEDIMENT AND DEBRIS.
- THE HOME OWNERS ASSOCIATION SHALL BE RESPONSIBLE FOR MAINTENANCE FOLLOWING CONSTRUCTION. THE CULVERTS SHALL BE INSPECTED EVERY 6 MONTHS AND ALL SEDIMENT AND DEBRIS SHALL BE REMOVED.

SOIL EROSION AND SEDIMENTATION CONTROL NOTES

- THE HAYBALE AND SILT FENCE LINE ILLUSTRATED ON THESE PLANS SHALL SERVE AS THE STRICT LIMIT OF DISTURBANCE FOR THE PROJECT WITHIN OR ADJACENT TO REGULATED FRESHWATER WETLAND AREAS.
 - THE LIMITS OF CLEARING, GRADING, AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE PROPOSED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE OF THESE LIMITS, AS DEPICTED ON THE PLAN SHALL BE TOTALLY UNDISTURBED, TO REMAIN IN NATURAL CONDITION.
 - ALL INLETS AND CULVERTS SHALL BE PROTECTED WITH STAKED HAYBALES (R.I. STD. 9.8.0) DURING CONSTRUCTION ACTIVITIES. ALL PROPOSED STORM WATER DISCHARGE AREAS SHALL BE LINED WITH A RIPRAP SPLASH PAD AND PROTECTED WITH STAKED HAYBALE OUTLET PROTECTION (R.I. STD. 9.1.0), OR STAKED HAYBALE WITH SILT FENCE (R.I. STD. 9.3.0) SHALL ALSO BE INSTALLED AT ALL EXISTING STORMWATER DISCHARGE LOCATIONS WHERE DISTRIBUTING PIPES, CATCH BASINS, AND MANHOLES ARE TO BE CLEANED AND FLUSHED.
 - ALL DISTURBED SLOPES EITHER NEWLY CREATED OR CURRENTLY EXPOSED SHALL BE SEEDDED, PROTECTED AND MAINTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL REGULARLY CHECK ALL SEEDDED AREAS TO ENSURE THAT A GOOD STAND IS MAINTAINED.
 - ALL HAYBALES, TEMPORARY TREATMENT (HAY, STRAW, ETC.) AND TEMPORARY EROSION PROTECTION SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED.
 - STOCKPILES OF TOPSOIL SHALL NOT BE LOCATED NEAR WATERWAYS. THEY SHALL HAVE SIDE SLOPES OF NO GREATER THAN 2:1 AND SHALL BE TEMPORARILY SEEDDED AND/OR STABILIZED PER CONTRACT SPECIFICATIONS.
 - THE HAYBALES SHALL BE CHECKED BY THE CONTRACTOR ON A WEEKLY BASIS AND AFTER EACH STORM FOR UNDERMINING OR DETERIORATION. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY HAYBALES AS NEEDED. THE CONTRACTOR SHALL CLEAN THE ACCUMULATED SEDIMENT IF HALF OF THE ORIGINAL HEIGHT OF THE HAY-BALES BECOMES FILLED WITH SEDIMENTS.
19. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL SOIL EROSION AND SEDIMENT CONTROLS ON THE PROJECT SITE FOR THE ENTIRE DURATION OF THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL FOLLOW THE DIRECTION OF THE RESIDENT ENGINEER WITH REGARD TO INSTALLATION, MAINTENANCE, AND REPAIR OF ALL SOIL EROSION AND SEDIMENTATION CONTROLS ON THE PROJECT SITE. TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROLS (HAYBALES, SILT FENCE, ETC.) SHALL BE MAINTAINED UNTIL ALL EXPOSED SOILS ARE SATISFACTORILY STABILIZED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR RESEEDING ALL AREAS THAT DO NOT DEVELOP WITHIN ONE YEAR FROM THE COMPLETION OF CONSTRUCTION.
- ALL REFERENCED SOIL EROSION AND SEDIMENTATION CONTROLS INCLUDING MATERIALS USED, APPLICATION RATES AND THE INSTALLATION PROCEDURES SHALL BE PERFORMED PER THE "RHODE ISLAND EROSION AND SEDIMENTATION HANDBOOK", DATED 1993.

BMP MAINTENANCE SCHEDULE

- ALL MAINTENANCE (INCLUDING CLEANING) REQUIRED DURING THE CONSTRUCTION PHASE OF THE PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- MEASURES NEEDED TO ENSURE THE PROPER OPERATION OF THE STORMWATER DRAINAGE SYSTEMS AND WATER QUALITY CONTROL SYSTEMS TO INCLUDE INSPECTION, CLEANING AND REPAIRS TO ALL PIPES, INTAKE AND DISCHARGE STRUCTURES (INCLUDING RIP-RAP SPLASH PADS), CATCH BASIN SUMPS, AND MANHOLES.
- INSPECTION OF ALL SLOPES, BERMS, AND OTHER CONTROL STRUCTURES (INCLUDING ROADWAY SIDE SLOPES, FOR STRUCTURAL INTEGRITY, STABILITY AND EVIDENCE OF SOIL EROSION, SHALL INCLUDE MAINTENANCE OF THESE STRUCTURES IF NECESSARY. INSPECTIONS SHALL BE PERFORMED FOLLOWING ALL RAIN EVENTS OF 1/2 INCH RAINFALL OR MORE IN A 24-HOUR PERIOD, OR BIMONTHLY IF NO RAINFALL EVENT OCCURS.
- FOLLOWING THE CONSTRUCTION OF A SWALE, DISTURBED AREAS WITHIN THE VICINITY OF A SWALE SHALL BE SEEDDED AND STABILIZED IMMEDIATELY UPON COMPLETION OF THEIR CONSTRUCTION TO PREVENT EROSION.
- THE DESIGN ENGINEER MUST SUBMIT AN AS BUILT PLAN AND A CERTIFICATION TO THE CITY ENGINEER THAT THE CONSTRUCTION IS IN COMPLIANCE WITH THE DESIGN PLANS FOR ALL ELEMENTS OF THE STORM OR DRAINAGE SYSTEM PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.
- UPON COMPLETION OF PROJECT CONSTRUCTION, AND PRIOR TO VACATING THE SITE, THE CONTRACTOR SHALL CONDUCT A FINAL INSPECTION, REPAIR ANY VEGETATIVE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES, (SEEDING, PLANTING, ETC.) WHERE REQUIRED, AND REPAIR (OR REMOVE WHERE APPROPRIATE) ANY TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL DEVICES. AFTER PERMANENT SOIL STABILIZATION ON THE ENTIRE SITE HAS OCCURRED, ALL TEMPORARY CONTROL MEASURES MUST BE REMOVED.
- AFTER THE COMPLETION OF PROJECT CONSTRUCTION AND THE FINAL STABILIZATION OF THE ENTIRE SITE, THE INSPECTION AND MAINTENANCE OF ALL STORMWATER FACILITIES MUST BE PERFORMED BY THE HOMEOWNER ASSOCIATION.
- REPLANTING, REGRADING, OR OTHER REPAIRS NEEDED AS A RESULT OF SOIL EROSION AND SEDIMENTATION PROCESSES SHALL BE DONE PROMPTLY TO ENSURE PROPER FUNCTIONING OF THE ENTIRE SYSTEM.
- ANY TRASH, DEBRIS, ETC. SHOULD BE REMOVED FROM ANY WETLAND AREAS, SWALE, AND PIPE OUTLETS.
- SWALES SHALL BE MOWED AT LEAST ONCE DURING THE GROWING SEASON TO PREVENT UNWANTED WOODY GROWTH.
- SWALES AND DETENTION AREAS SHALL BE INSPECTED AFTER MAJOR STORM EVENTS OR ON AN ANNUAL BASIS. REPAIRS SHALL BE PERFORMED IMMEDIATELY AS CONDITIONS WARRANT. BARE SPOTS AND ERODED AREAS SHALL BE RESEEDDED IMMEDIATELY FOLLOWING OBSERVATIONS. ALL LITER AND TRASH SHALL BE REMOVED DURING INSPECTIONS.

SUB DRAIN INSTALLATION AND MAINTENANCE NOTES:

- THE TRENCH SHALL BE CONSTRUCTED ON A CONTINUOUS GRADE WITH NO REVERSE GRADES OR LOW SPOTS.
- SOFT OR YIELDING SOILS UNDER THE DRAIN SHALL BE STABILIZED WITH GRAVEL OR OTHER SUITABLE MATERIAL.
- DEFORMED, WARPED, OR OTHERWISE UNSUITABLE PIPE SHALL NOT BE USED.
- BACK FILLING SHALL BE DONE IMMEDIATELY AFTER PLACEMENT OF THE PIPE. NO SECTION OF PIPE SHALL REMAIN UNCOVERED OVERNIGHT OR DURING A RAIN EVENT. BACK FILL MATERIAL SHALL BE PLACED IN THE TRENCH IN SUCH A MANNER THAT THE DRAIN PIPE IS NOT DAMAGED OR DISPLACED.
- SPECIAL CARE SHALL BE TAKEN NOT TO DAMAGE THE PIPE DURING GRADING OPERATIONS.
- THE SUBDRAIN SYSTEM SHALL BE INSPECTED DURING RAINFALL EVENTS TO ENSURE OUTFLOW IS OCCURRING.
- AN AS-BUILT OF THE SUB DRAIN SYSTEM SHALL BE PROVIDED TO THE ENGINEER.
- SUBSURFACE DRAINS SHALL BE CHECKED ANNUALLY TO ENSURE THAT THEY ARE FREE FLOWING AND NOT CLOGGED WITH SEDIMENT.
- THE OUTLET SHALL BE KEPT CLEAN AND FREE OF DEBRIS.
- SURFACE INLETS SHALL BE KEPT OPEN AND FREE OF SEDIMENT AND OTHER DEBRIS.
- HEAVY EQUIPMENT SHALL NOT BE DRIVEN OVER THE BASIN BOTTOM TO AVOID DAMAGE TO THE SUB DRAIN SYSTEM.
- SEDIMENT REMOVAL FROM THE BASIN(S) BOTTOM SHALL BE PERFORMED BY HAND.
- IF STANDING WATER IS OBSERVED IN THE PONDS FOR MORE THAN 72 HOURS, THEN THE SUB DRAIN SYSTEM WILL BE CONSIDERED TO HAVE FAILED AND IMMEDIATELY CLEANED OUT. IF THE CLEANING DOES NOT ELIMINATE THE STANDING WATER, THEN THE SUB DRAIN SYSTEM SHALL BE REMOVED AND REPLACED.

OWTS SUBDIVISION SUITABILITY NOTES:

- THIS DESIGN IS SUBMITTED TO RIDEM TO BE REVIEWED IN CONFORMANCE WITH ALL APPLICABLE REGULATIONS. CONSTRUCTION OF THE SYSTEMS WILL REQUIRE FINAL OWTS DESIGN AND APPROVAL FOR EACH PROPOSED HOUSE LOT.
- NO PROPOSED OR EXISTING KNOWN SYSTEMS WITHIN 100 FEET OF PROPOSED OR EXISTING KNOWN WELL.
- NO KNOWN SUBSURFACE DRAINS WITHIN 25 FEET OF PROPOSED SYSTEMS, INCLUDING FOUNDATION DRAINS.
- NO PROPOSED OR EXISTING KNOWN PUBLIC WELLS WITHIN 500 FEET OF PROPOSED SYSTEMS.
- UNLESS OTHERWISE SPECIFIED, THE SYSTEMS HAVE NOT BEEN DESIGNED WITH THE PROVISIONS FOR GARBAGE GRINDERS.
- THIS SEWERAGE DISPOSAL SYSTEM SHALL CONFORM TO ALL THE REGULATIONS UNDER SECTIONS 42-17.1-2(1), (M) (R) AND (S) AND SECTION 23-19.5-4 AND CHAPTER 42-35 OF THE GENERAL LAWS OF RHODE ISLAND.
- NO PROPOSED OR EXISTING KNOWN PRIVATE WELLS WITHIN 200 FEET OF THE PROPOSED SYSTEM EXCEPT AS SHOWN.
- WHERE SUBDIVISION LOTS WILL REQUIRE FILLING BEYOND LOT LINES, AN EASEMENT FOR THAT HUMAN TRANSPORTED MATERIAL MUST BE SUBMITTED WITH THE OWTS APPLICATION FOR THE INDIVIDUAL LOTS.
- THE OWTS AREA IS TO BE LOCATED AND STAKED IN THE FIELD BY THE INSTALLER PRIOR TO CONSTRUCTION. PROTECTION AGAINST HEAVY VEHICLE TRAFFIC MUST BE ESTABLISHED IN THE "OWTS" AREA PRIOR TO INITIATING ANY CONSTRUCTION OPERATIONS ON THE SITE. DEGRADATION OF THE PROPOSED SITE AREA WILL REQUIRE A RE-DESIGN.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED SEP 9, 2008 FILE # 06-0416
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Haber

SEP 12 2008
SEP 15 2008

C D E F

CASALI & D'AMICO ENGINEERING, INC.
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AP 208 LOT 24

NO.	DATE	DESCRIPTION
1	AUG 07	RIDEM COMMENTS
2	SEPT. 08	FWW MODIFICATIONS

DRAWN BY: GAH/WRA
CHECKED BY: NCW/JAC
DATE: SEPTEMBER 06
PROJECT NO: 05-22c

GENERAL NOTES

SHEET 2 OF 8

Q:\05-22- Lou Federici\05-22c Crombie\CAD\PLAN-SET\CROMBIE (PLAN-SET).dwg Sep. 11. 2008 11:46am

TEST PIT DATA TABLE

TP#	DATE	ELEVATION	SHGWT	DEPTH OF HOLE
1B	7/7/06	412.0	19.5"	4'-6"
2B	7/7/06	412.0	24"	3'-6"
3B	7/7/06	404.4	24"	1'-0"
3	10/20/05	449.0	24"	7'-4"
4	10/27/05	451.0	24"	8'-5"
9	10/31/05	442.0	28"	10'-0"
12	10/31/05	471.0	27"	10'-0"
13	10/31/05	448.0	28"	10'-0"
14	10/31/05	451.0	24"	10'-0"
16	11/7/05	441.0	24"	10'-0"
17	11/31/05	442.0	24"	10'-0"
18	11/7/05	472.0	27"	10'-0"
19	11/7/05	450.0	30"	10'-0"

LEGEND

- EXISTING PROPERTY LINE
- PROPOSED PROPERTY LINE
- - - ABUTTING PROPERTY LINE
- - - WETLAND EDGE
- △ WF WETLAND FLAG
- - - 50' PERIMETER WETLAND
- - - 100' RIVERBANK WETLAND
- - - EXISTING CONTOUR
- - - PROPOSED CONTOUR
- ▨ SLOPES > 15%
- EXISTING STONE WALL
- WELL
- UTILITY POLE
- MAIL BOX
- ⊕ TP SOIL EVALUATION
- DRAIN LINE
- N/F NOW OR FORMERLY
- - - EXISTING LIMIT OF WOODLAND (APPROXIMATE)
- HAY BALES
- SILT FENCE
- LIMIT OF DISTURBANCE
- OVERHEAD WIRES

GENERAL NOTES:

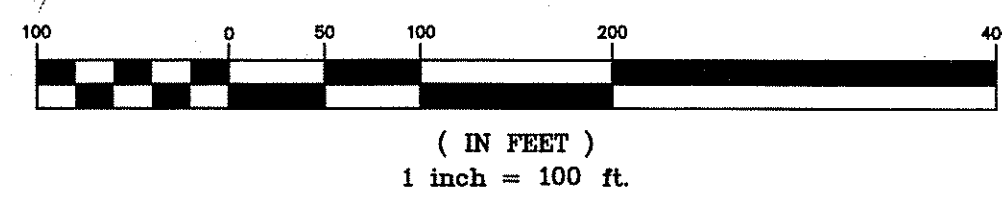
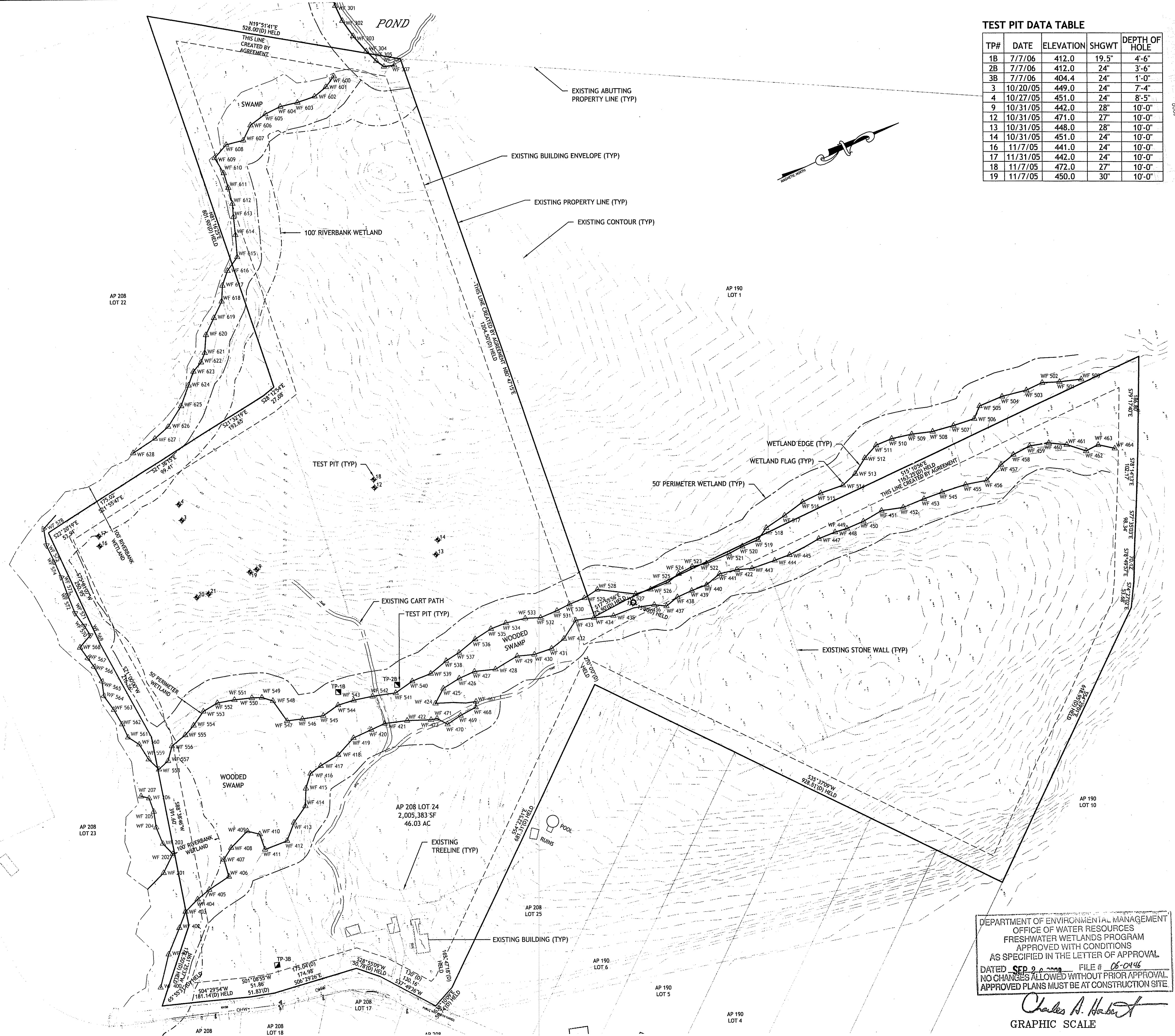
1. CLASS I PROPERTY LINE AND CLASS III TOPOGRAPHIC SURVEY COMPLETED BY LOUIS FEDERICI AND ASSOCIATES, PROVIDENCE, RI IN 2006.
2. THE LOCATION AND DEPTH OF EXISTING UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM THE LATEST AVAILABLE INFORMATION. THE UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE. THE CONTRACTOR SHALL CHECK AND VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, BOTH OVERHEAD AND UNDERGROUND, AND "DIG-SAFE" MUST BE NOTIFIED PRIOR TO COMMENCING ANY CONSTRUCTION OPERATIONS. RESTORATION AND REPAIR OF DAMAGE TO EXISTING UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER. NO EXCAVATION SHALL COMMENCE UNTIL ALL INVOLVED UTILITY COMPANIES AND/OR CITY WHOSE FACILITIES MIGHT BE AFFECTED BY ANY WORK TO BE PERFORMED BY THE CONTRACTOR ARE NOTIFIED AT LEAST 72 HOURS IN ADVANCE.
3. THIS SITE LIES IN ZONE C (AREAS DETERMINED TO BE OUTSIDE THE 100-YEAR FLOOD ZONE), AS SHOWN ON THE FIRM MAP FOR THE TOWN OF BURRILLVILLE, RI COMMUNITY PANEL NO. 440013 0010B, MAP REVISED JULY 2, 1979.
4. SOIL EVALUATIONS FOR TEST PITS 1B 2B AND 3B WERE COMPLETED BY ROBERT SCHULTZ OF CASALI & D'AMICO ENGINEERING INC. IN 2006. SOIL EVALUATIONS FOR TEST PITS 3, 4, 9, 12-14, 16-19 WERE COMPLETED BY ROBERT CLIFT JR OF LOUIS FEDERICI & ASSOCIATES IN 2005.
5. WETLAND RESOURCES WERE DELINEATED BY NATURAL RESOURCE SERVICES IN MARCH 2005. THE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (RIDEM) VERIFIED THE DELINEATED EDGE OF THE WETLANDS IN NOVEMBER 2005, IN A LETTER TO JAMES & DEBRA CROMBIE DATED DECEMBER 1, 2005. REFERENCE APPLICATION NUMBER 05-0424.

ZONING CRITERIA-	REQUIRED
ZONING DISTRICT	F5 F5 (R.R.C.)
MINIMUM LOT AREA	5 AC 2 AC (BUILDABLE)
MINIMUM LOT FRONTAGE	450' 100' (50' ON CUL-DE-SAC)
MINIMUM FRONT YARD SETBACK	40'
MINIMUM SIDE YARD SETBACK	40'
MINIMUM REAR YARD SETBACK	40'
MAXIMUM BUILDING COVERAGE	20% 20%



1-888-DIG-SAFE
PROTECT YOURSELF, GIVE TWO WORKING DAYS NOTICE

LOCATION OF EXISTING UTILITIES SHOWN, ARE FROM GATE LOCATION AND EXISTING DOCUMENTATION AND MAY NOT BE ACCURATE. EXACT LOCATION TO BE DONE BY THE APPROPRIATE UTILITY COMPANY OR MUNICIPALITY PRIOR TO ANY EXCAVATION CALL DIGSAFE AT 1-888-DIG-SAFE 1-888-344-7233



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED SEP 2 2008 FILE # 06-0446
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

Charles A. Haber
GRAPHIC SCALE

SEP 12 2008

CDE

CASALI & D'AMICO ENGINEERING, INC.
CIVIL - SITE DEVELOPMENT - TRANSPORTATION
DRAINAGE - WETLANDS - SURVEYING - LAND SURVEYING - PLANNING - RI 02888
(601) 944-1300 (601) 944-1315 fax www.casaliandamico.com

JOSEPH A. CASALI
No. 7250
REGISTERED PROFESSIONAL ENGINEER CIVIL
9.14.08

BOISTOWN ESTATES
KNIBB ROAD
BURRILLVILLE, RHODE ISLAND
AP 208 LOT 24

REVISIONS:

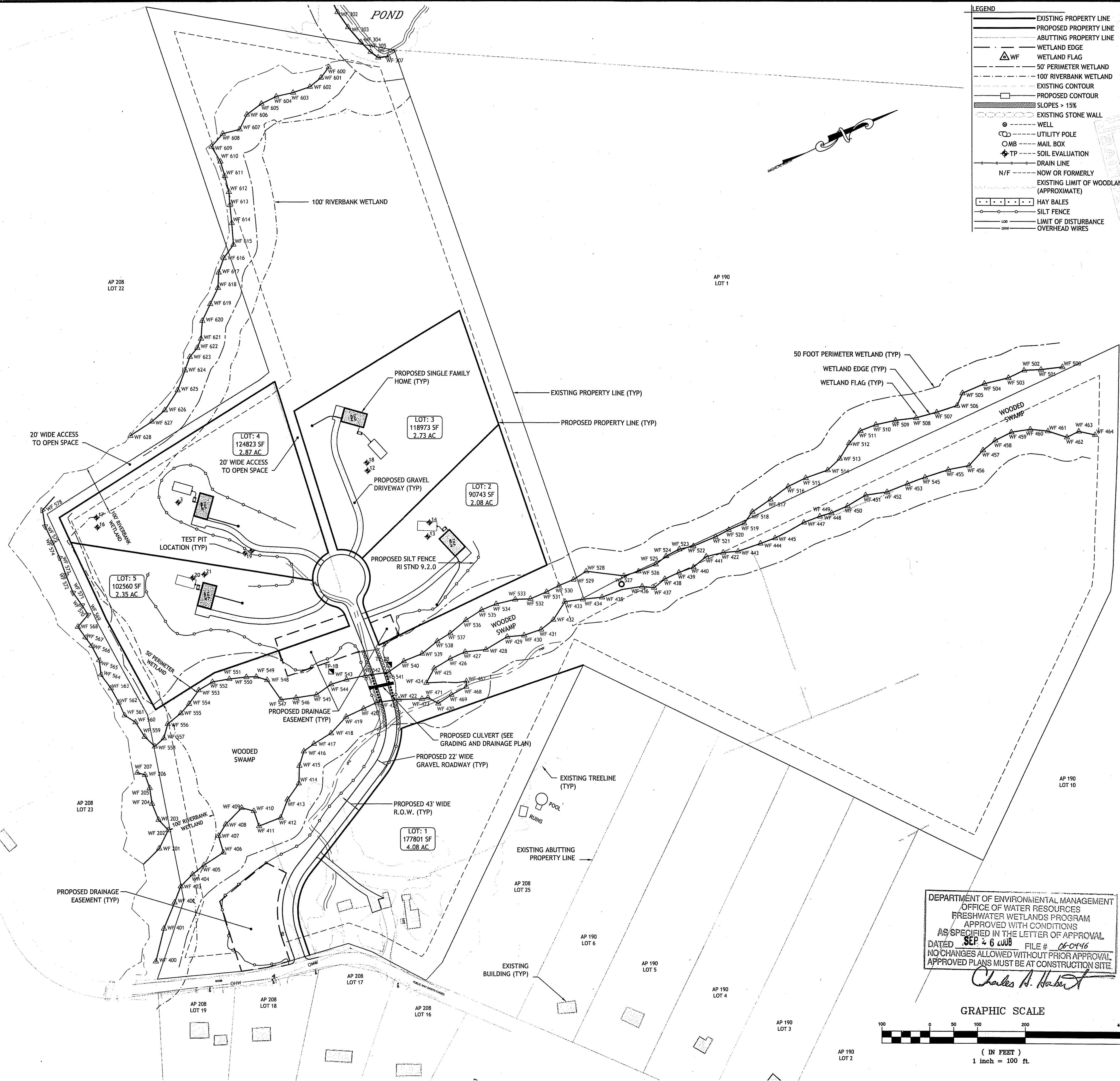
NO.	DATE	DESCRIPTION
1	AUG. 07	RIDEM COMMENTS
2	SEPT. 08	FWW MODIFICATIONS

DRAWN BY: GAH/WRA
CHECKED BY: NCW/JAC
DATE: SEPTEMBER 06
PROJECT NO: 05-22c

EXISTING CONDITIONS

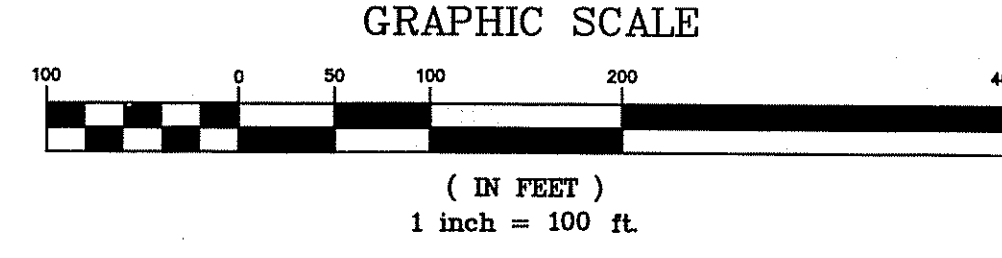
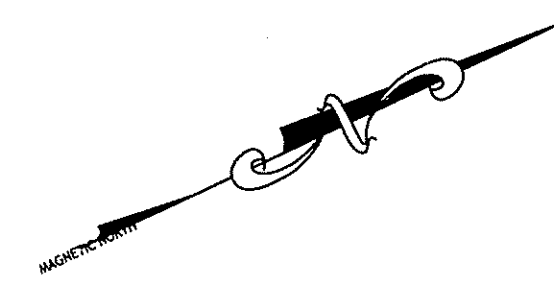
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Q:\05-22 Lou Federico\05-22-Crombie\ACAD\PLAN\SET\CROMBIE (PLAN-SET).dwg, Sep. 12, 2008 8:31am



LEGEND

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- WETLAND EDGE
- △ WF WETLAND FLAG
- 50' PERIMETER WETLAND
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- HAY BALES
- SILT FENCE
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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED **SEP 26 2008** FILE # **08-0146**
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

Charles A. Herbert

SEP 12 2008

CDE

CASALI & D'AMICO ENGINEERING, INC.
 CIVIL, SITE DEVELOPMENT, TRANSPORTATION
 DRAINAGE - 300 POST ROAD, WARWICK, RI 02888
 (401) 944-1300 (401) 944-1313 fax www.casaliandamico.com

JOSEPH A. CASALI
 7250
 REGISTERED
 PROFESSIONAL ENGINEER
 CIVIL
 9.11.06

BOISTOWN ESTATES
KNIBB ROAD
BURRILLVILLE, RHODE ISLAND
AP 208 LOT 24

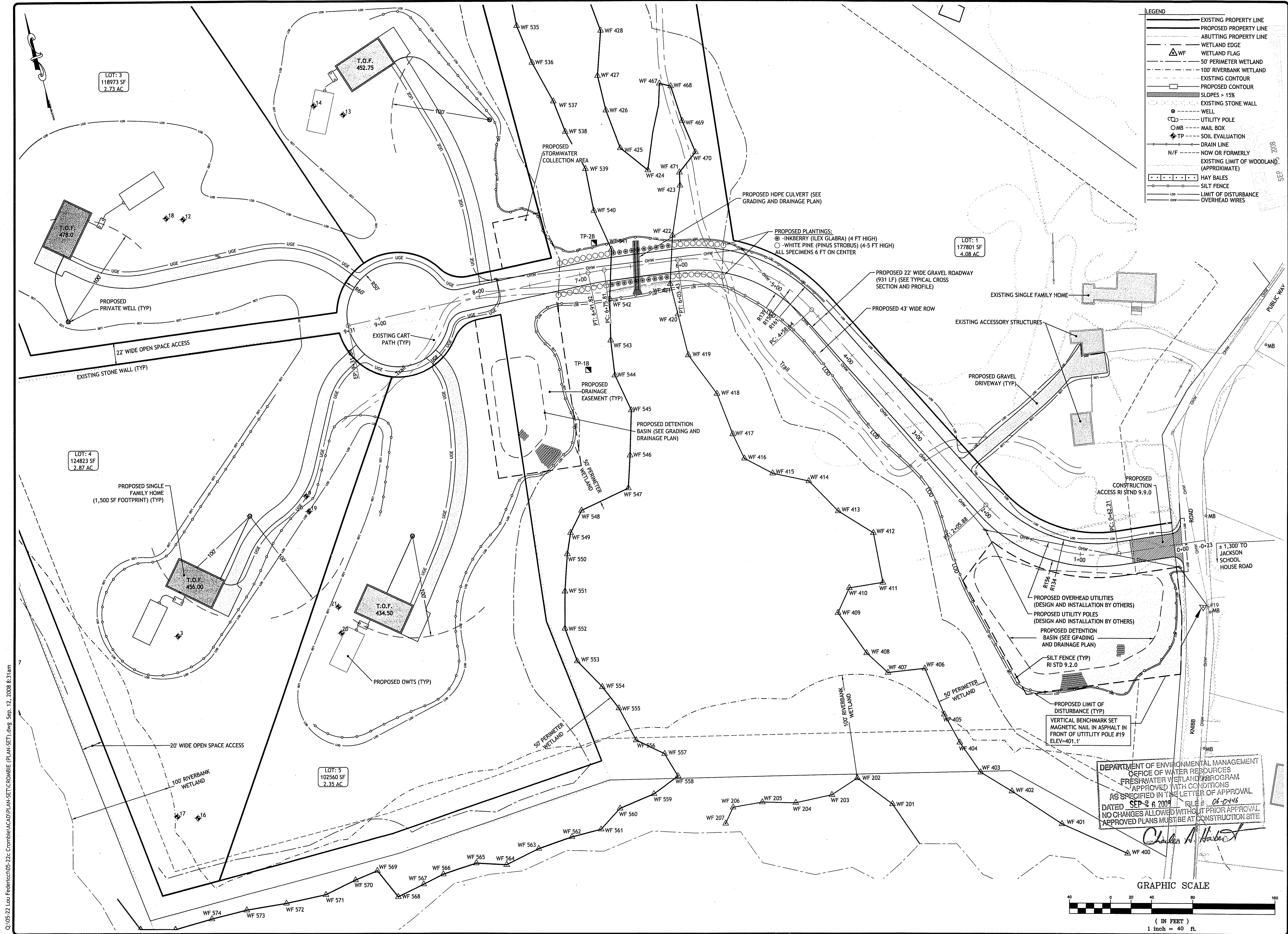
REVISIONS:

NO.	DATE	DESCRIPTION
1	AUG. 07	RIDEM COMMENTS
2	SEPT. 08	FWW MODIFICATIONS

DRAWN BY: GAH/WRA
 CHECKED BY: NCW/JAC
 DATE: SEPTEMBER 06
 PROJECT NO: 05-22c

OVERALL SITE PLAN

SHEET 4 OF 8



- LEGEND**
- EXISTING PROPERTY LINE
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 - - - ABUTTING PROPERTY LINE
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SEP 17 2008

CASALI & D'AMICO ENGINEERING, INC.
 DRAINAGE - WETLANDS - ISDS - TRAFFIC - FLOODPLAIN
 3000 POST ROAD, WARWICK, RI 02888
 (401) 944-1300 (401) 944-1313 fax www.casaliandamico.com

JOSEPH A. CASALI
 No. 7250
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL

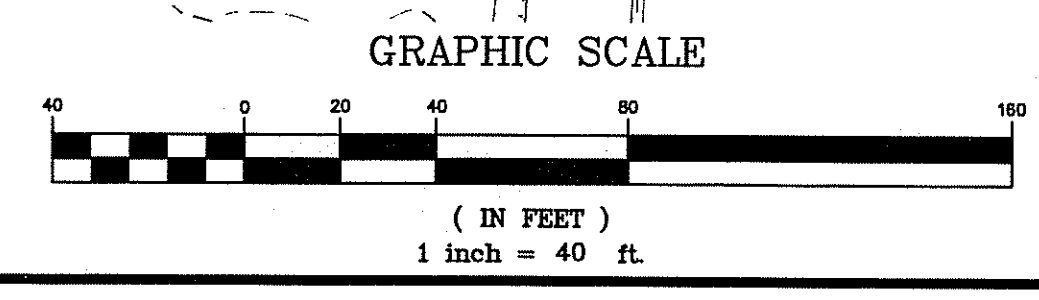
BOISTOWN ESTATES
KNIBB ROAD
BURRILLVILLE, RHODE ISLAND
AP 208 LOT 24

REVISIONS:

NO.	DATE	DESCRIPTION
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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Charles A. Harbert

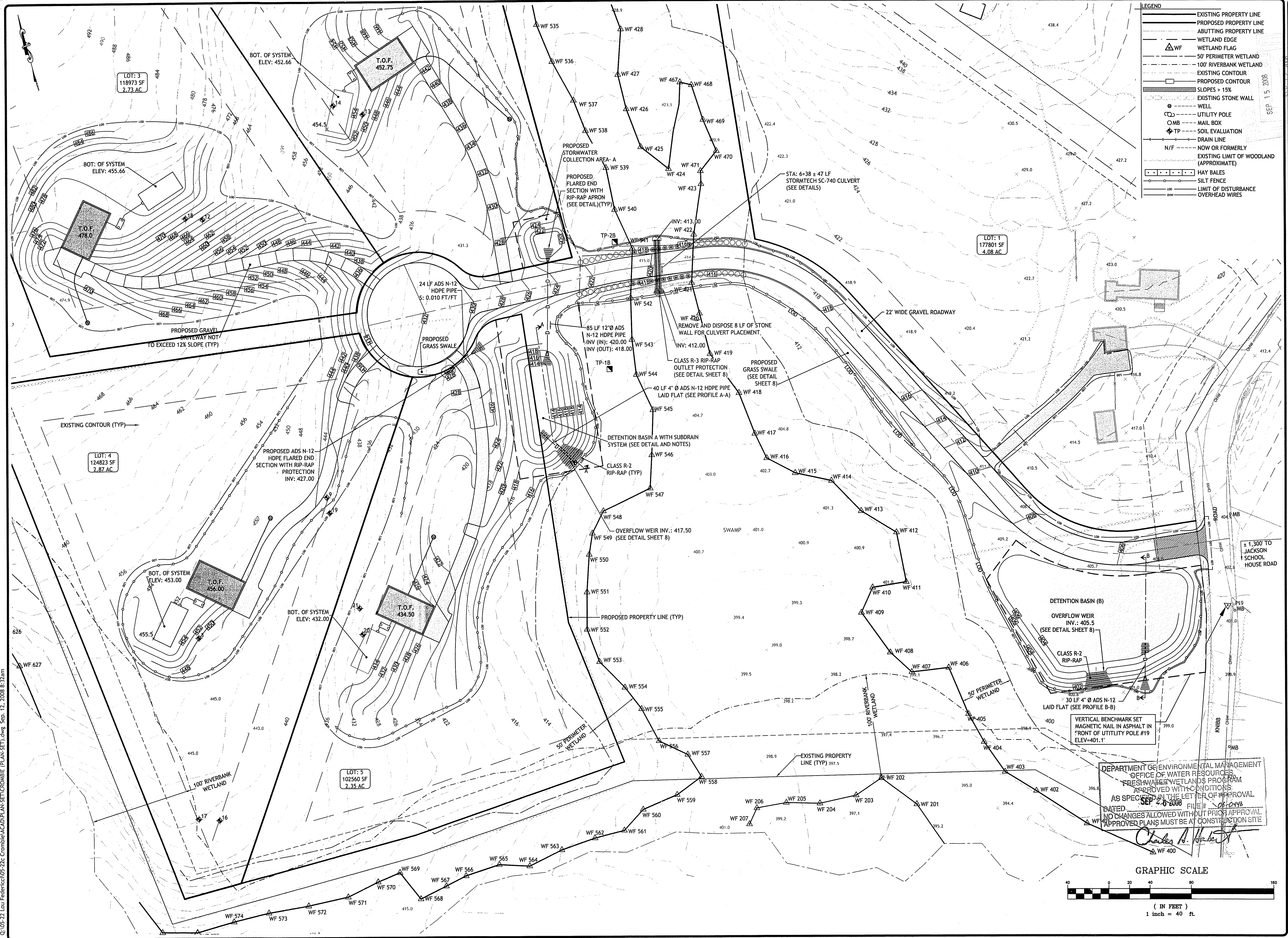


DRAWN BY: GAH/WRA
 CHECKED BY: NCW/JAC
 DATE: SEPTEMBER 06
 PROJECT NO: 05-22c

SITE PLAN

SHEET 5 OF 8

Q:\05-22 Lou Federick\05-22c Crombie\ACAD\PLAN-SET\CROMBIE (PLAN-SET).dwg, Sep. 12, 2008 8:31am



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JOSEPH A. CASALI
No. 7250
REGISTERED PROFESSIONAL ENGINEER
CIVIL
9.17.08

BOISTOWN ESTATES
KNIBB ROAD
BURRILLVILLE, RHODE ISLAND
AP 208 LOT 24

REVISIONS:

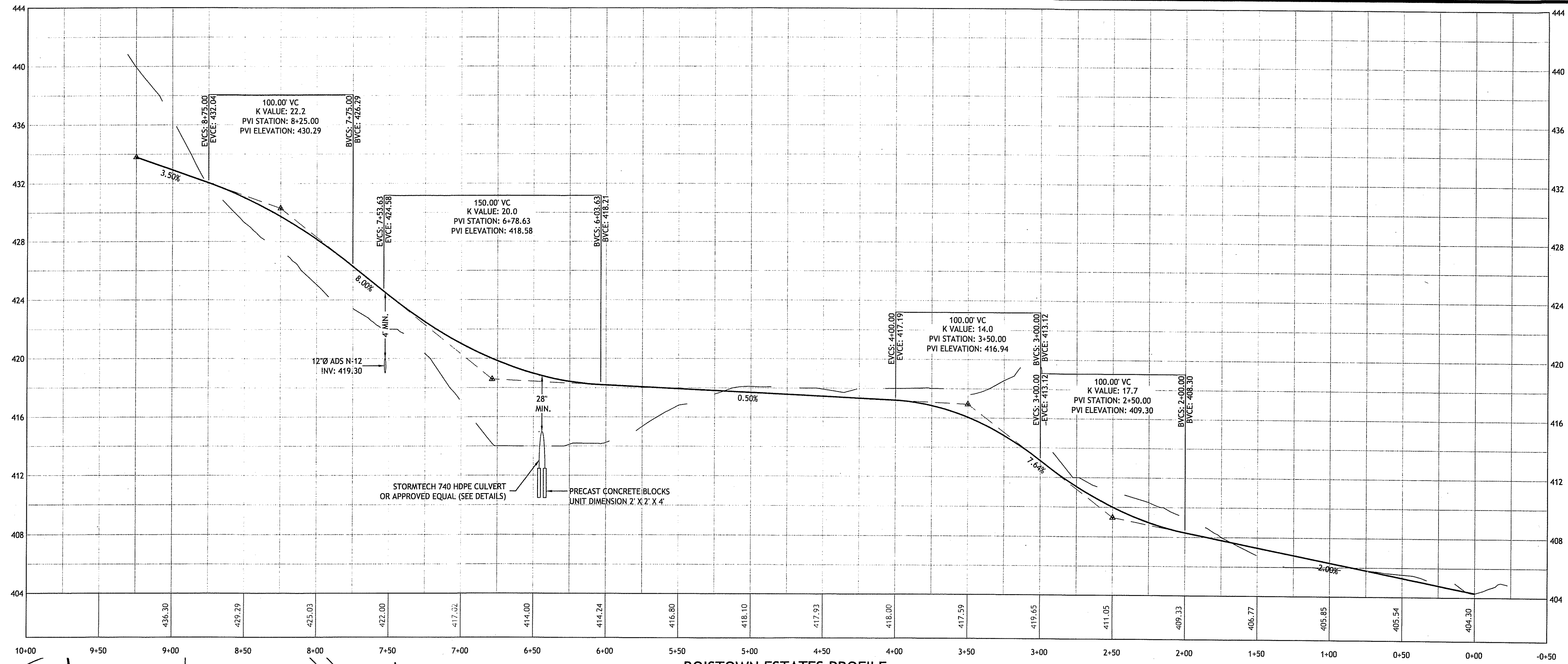
NO.	DATE	DESCRIPTION
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2	SEPT. 08	FWW MODIFICATIONS

DRAWN BY: GAH/WRA
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PROJECT NO: 05-22c

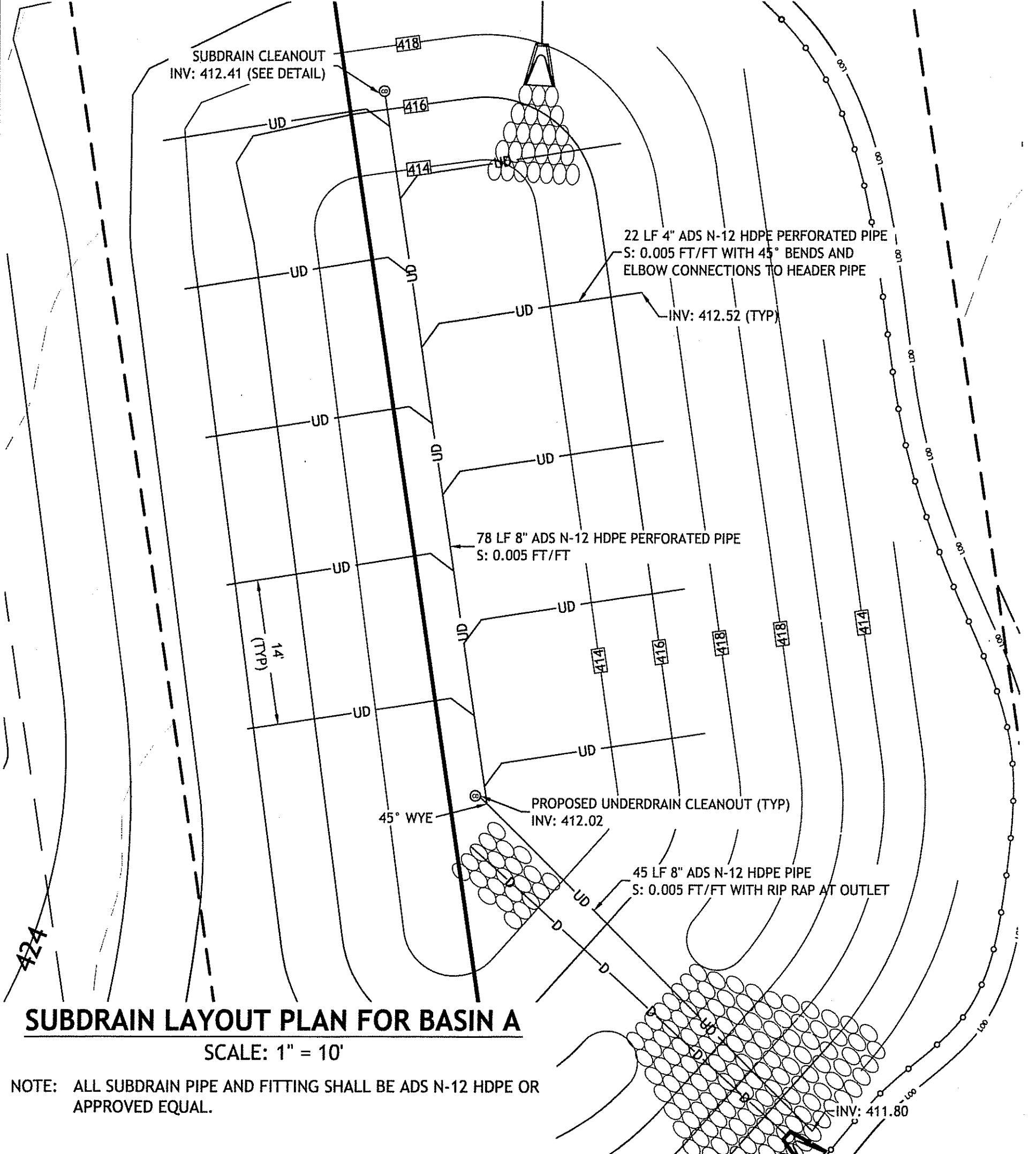
GRADING AND DRAINAGE PLAN

SHEET 6 OF 8

Q:\05-22 Lou Frederick\05-22c Crombie\CAD\PLAN-SET\CROMBIE (PLAN-SET).dwg Sep. 12, 2008 8:32am

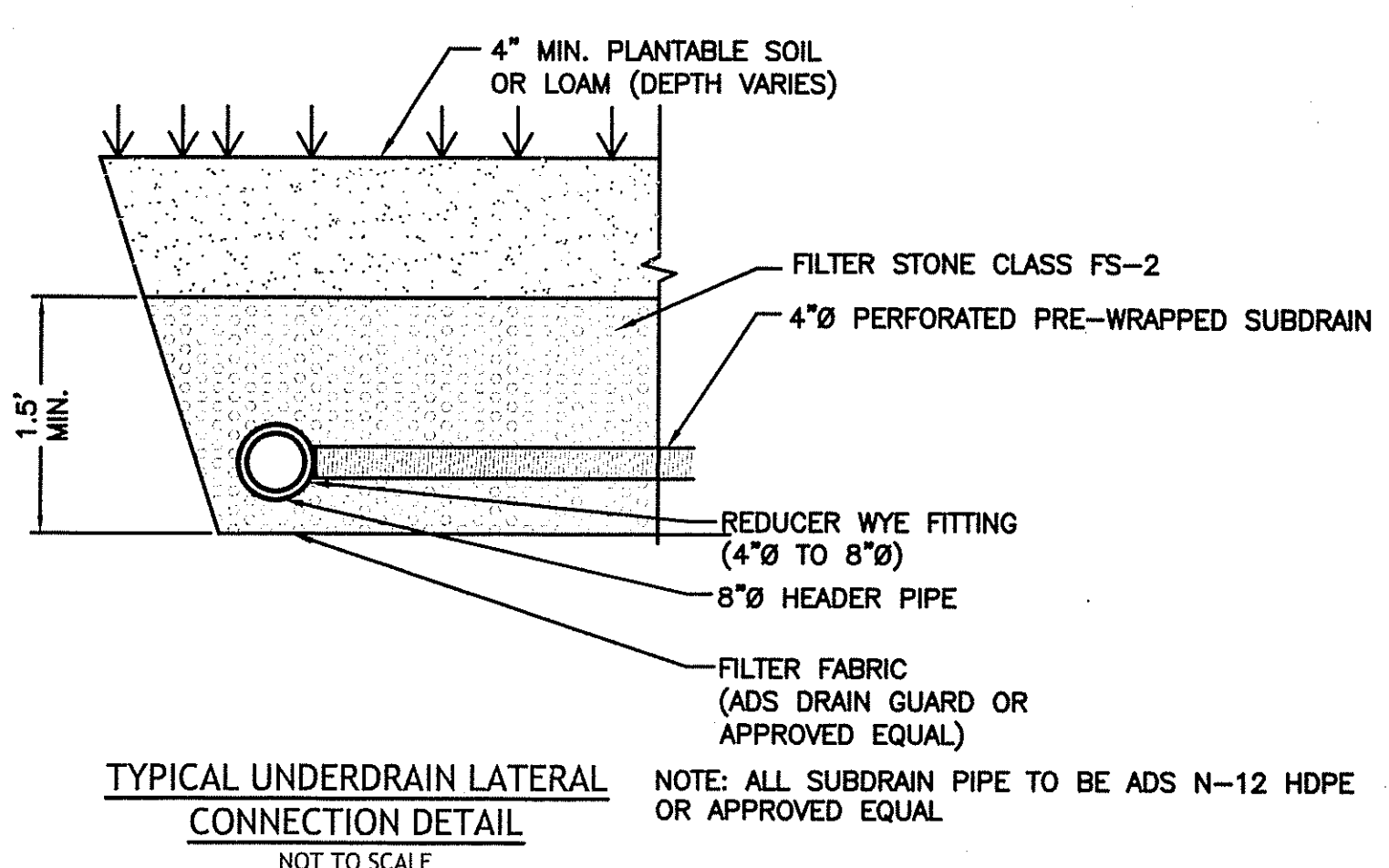


BOISTOWN ESTATES PROFILE
 HORIZONTAL: 1" = 1'
 VERTICAL: 1" = 0'



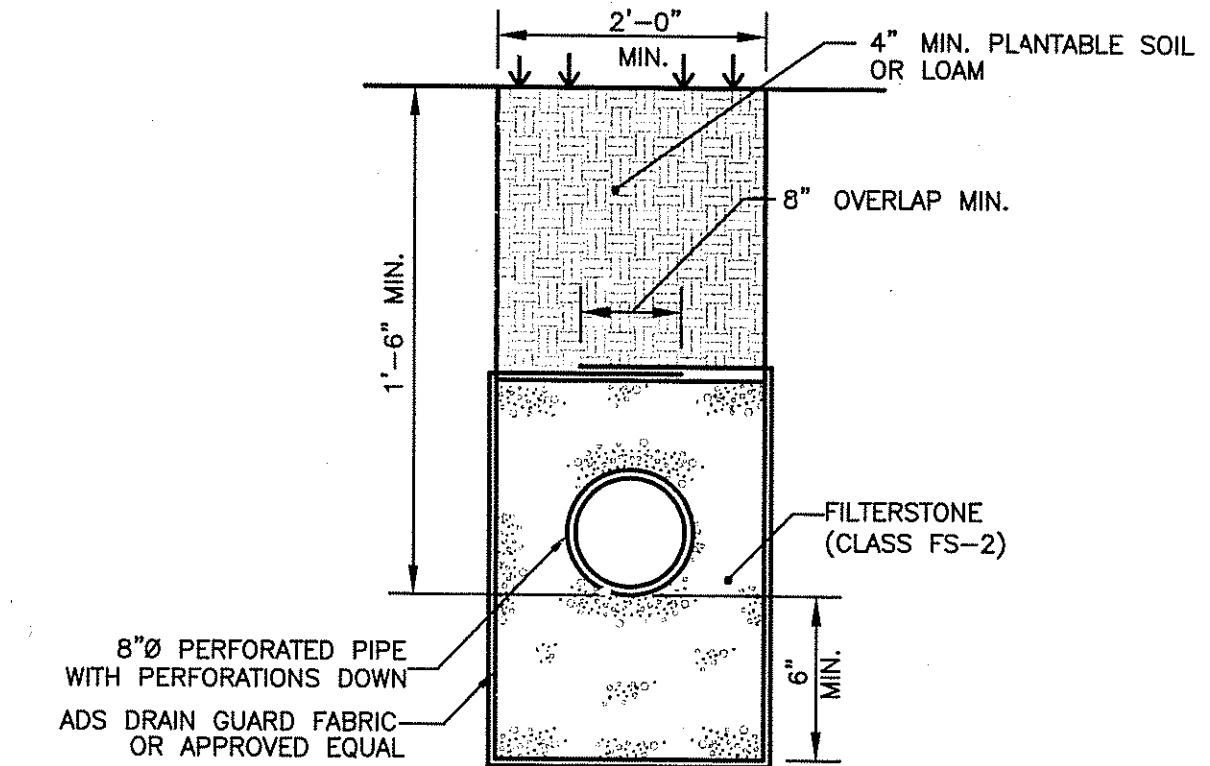
SUBDRAIN LAYOUT PLAN FOR BASIN A
 SCALE: 1" = 10'

NOTE: ALL SUBDRAIN PIPE AND FITTING SHALL BE ADS N-12 HDPE OR APPROVED EQUAL.



TYPICAL UNDERDRAIN LATERAL CONNECTION DETAIL
 NOT TO SCALE

NOTE: ALL SUBDRAIN PIPE TO BE ADS N-12 HDPE OR APPROVED EQUAL.



SUBDRAIN HEADER PIPE DETAIL
 NOT TO SCALE

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Charles A. Humber

BOISTOWN ESTATES
 KNIBB ROAD
 BURRILL VILLE, RHODE ISLAND
 AP 208 LOT 24

NO.	DATE	DESCRIPTION
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DRAWN BY: GAH/WRA
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 DATE: SEPTEMBER 06
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PROFILE AND DETAILS

SHEET 7 OF 8

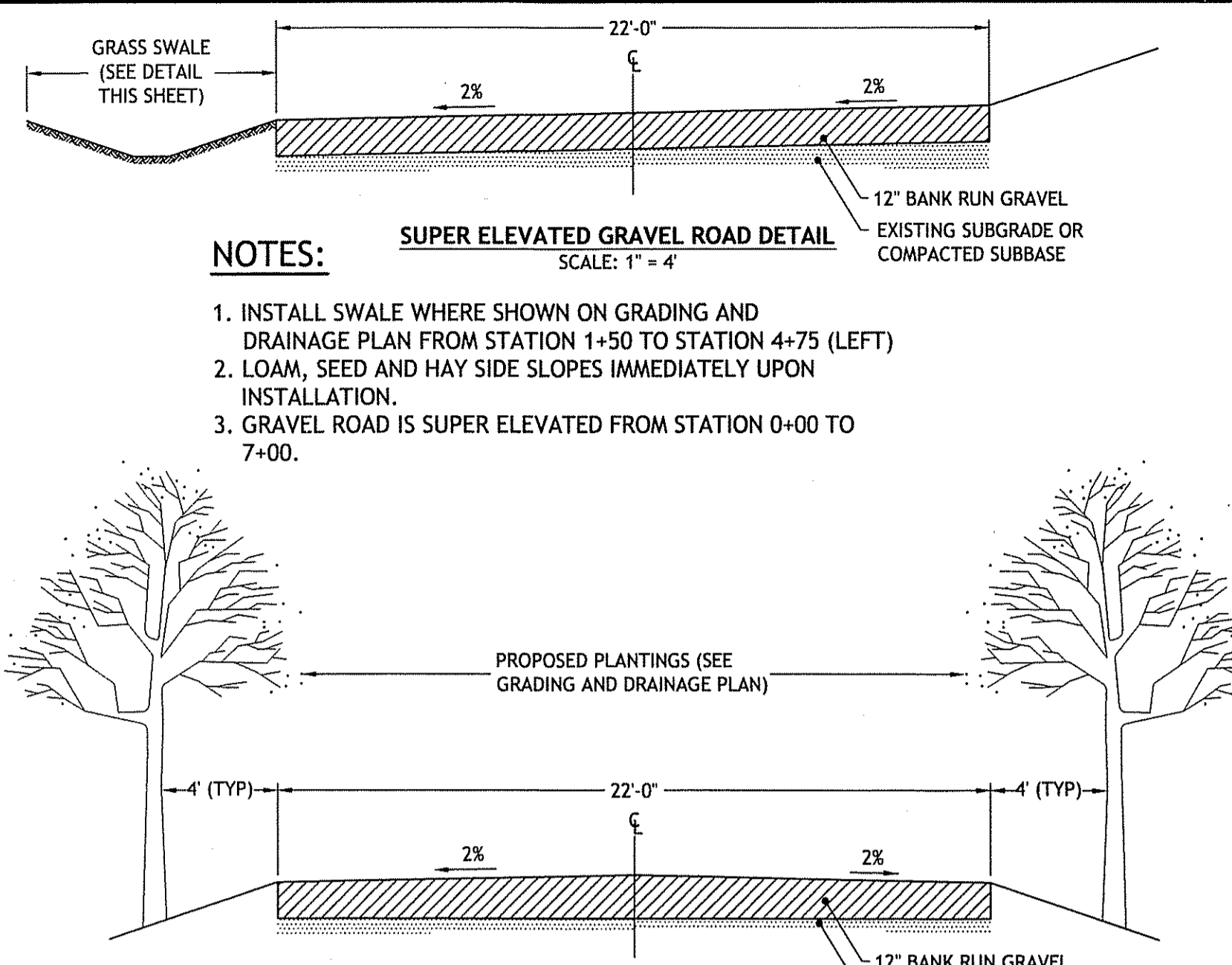
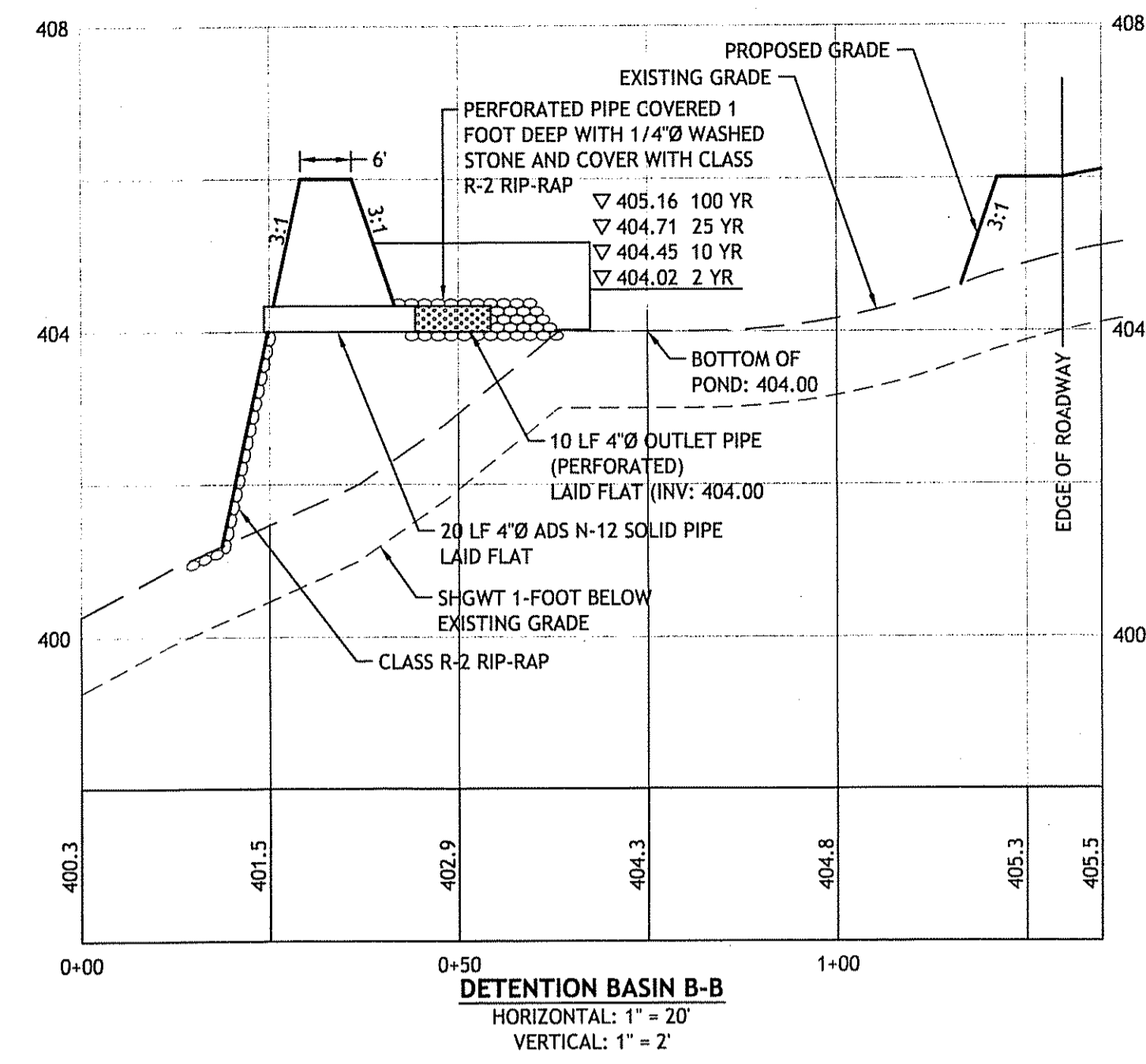
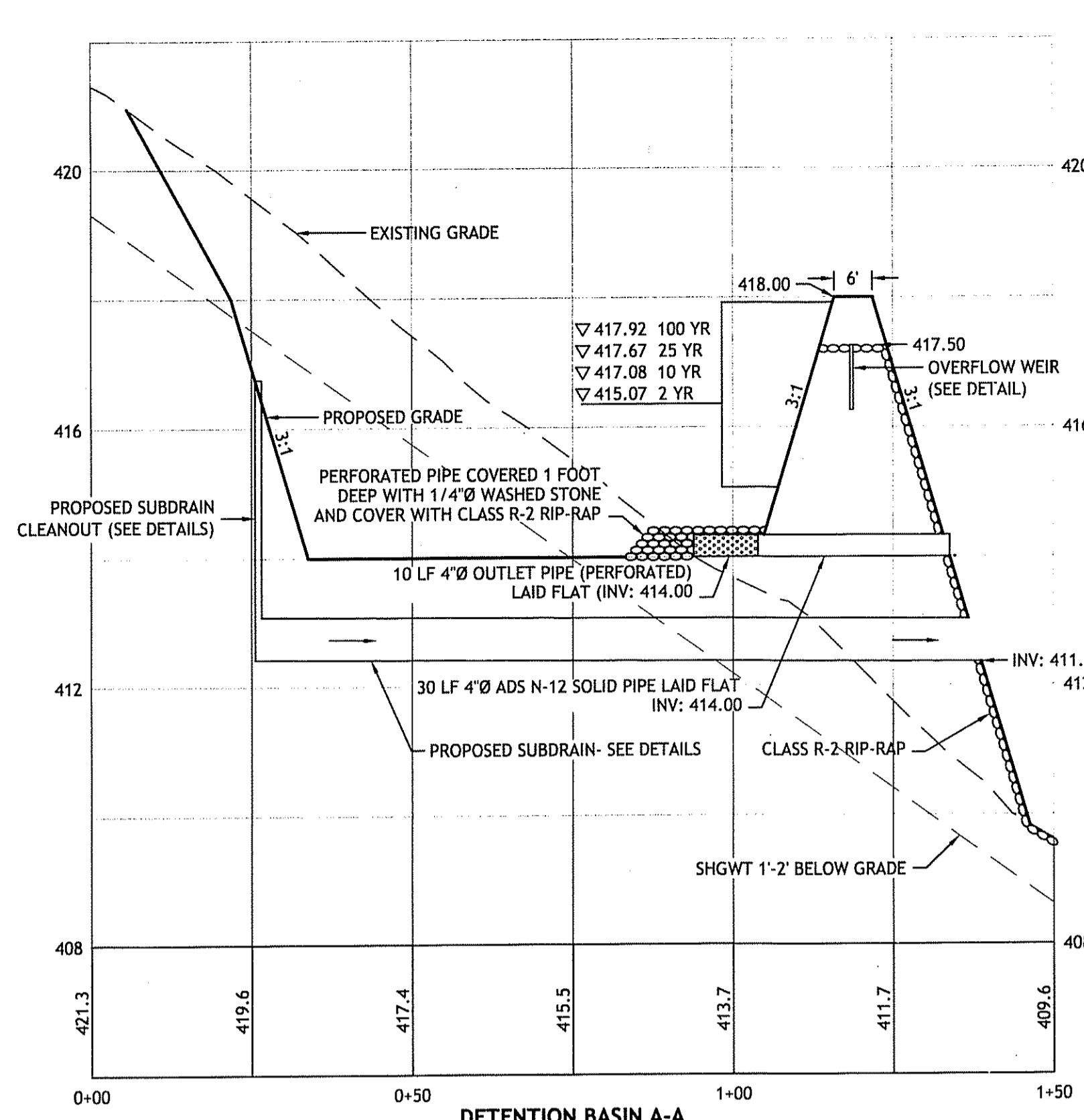
SEP 12 2008
 SEP 15 2008

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 9.17.08

Q:\05-22 Lou_Fredrico\05-22c Crombie\ACAD\PLAN-SET\CROMBIE (PLAN-SET).dwg Sep. 11, 2008 11:43am

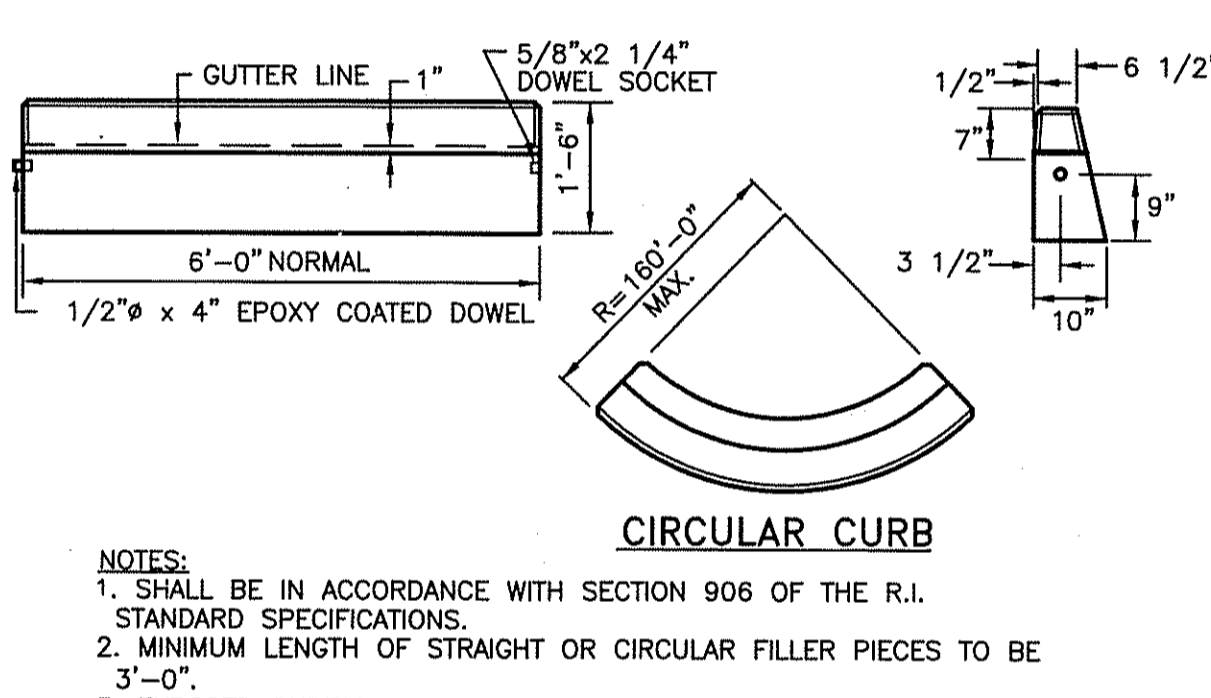
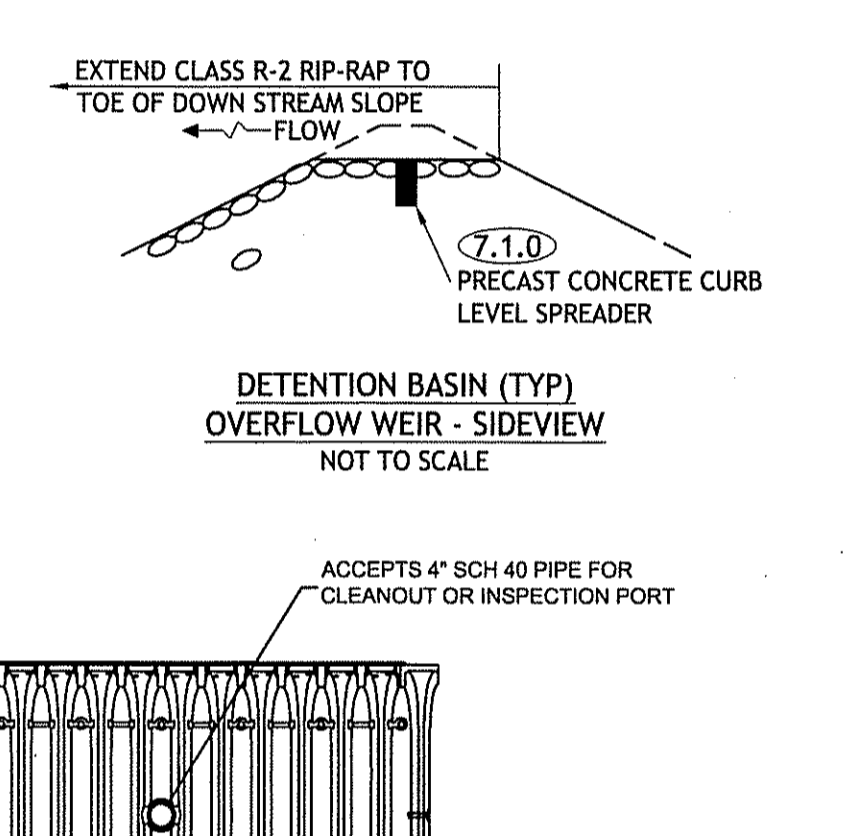
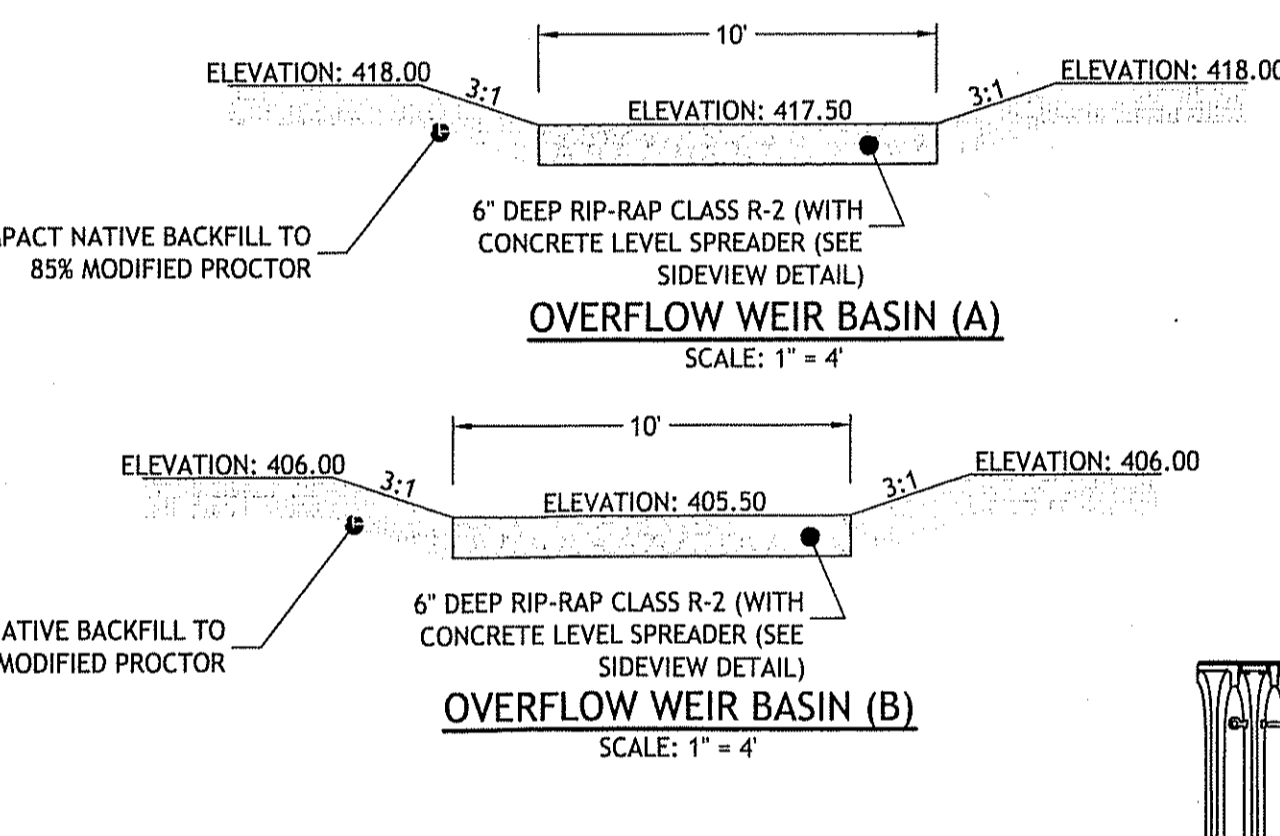
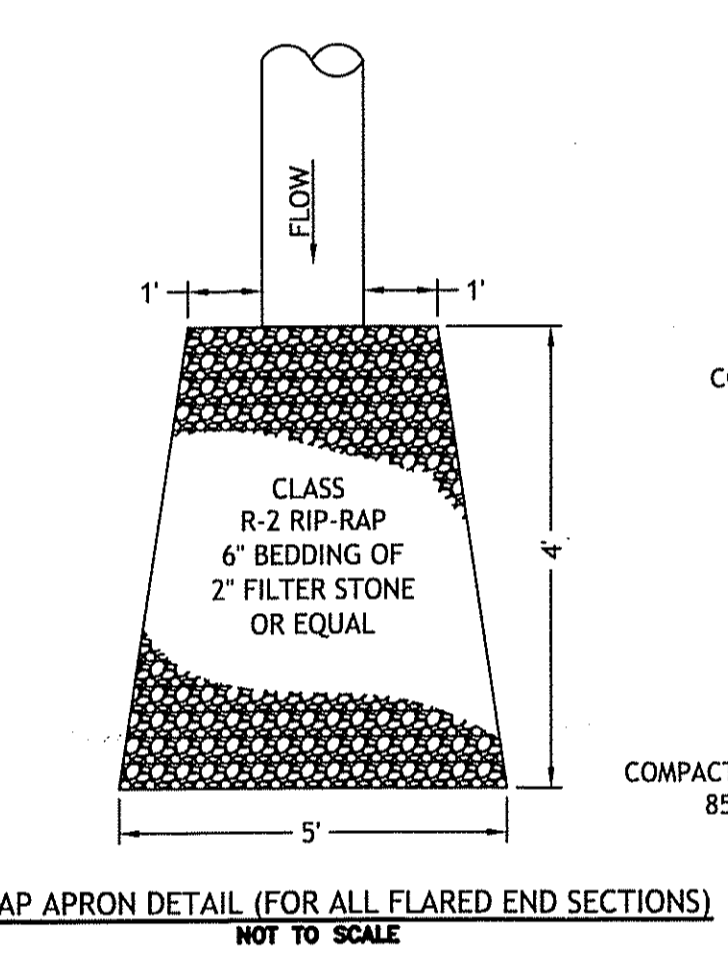
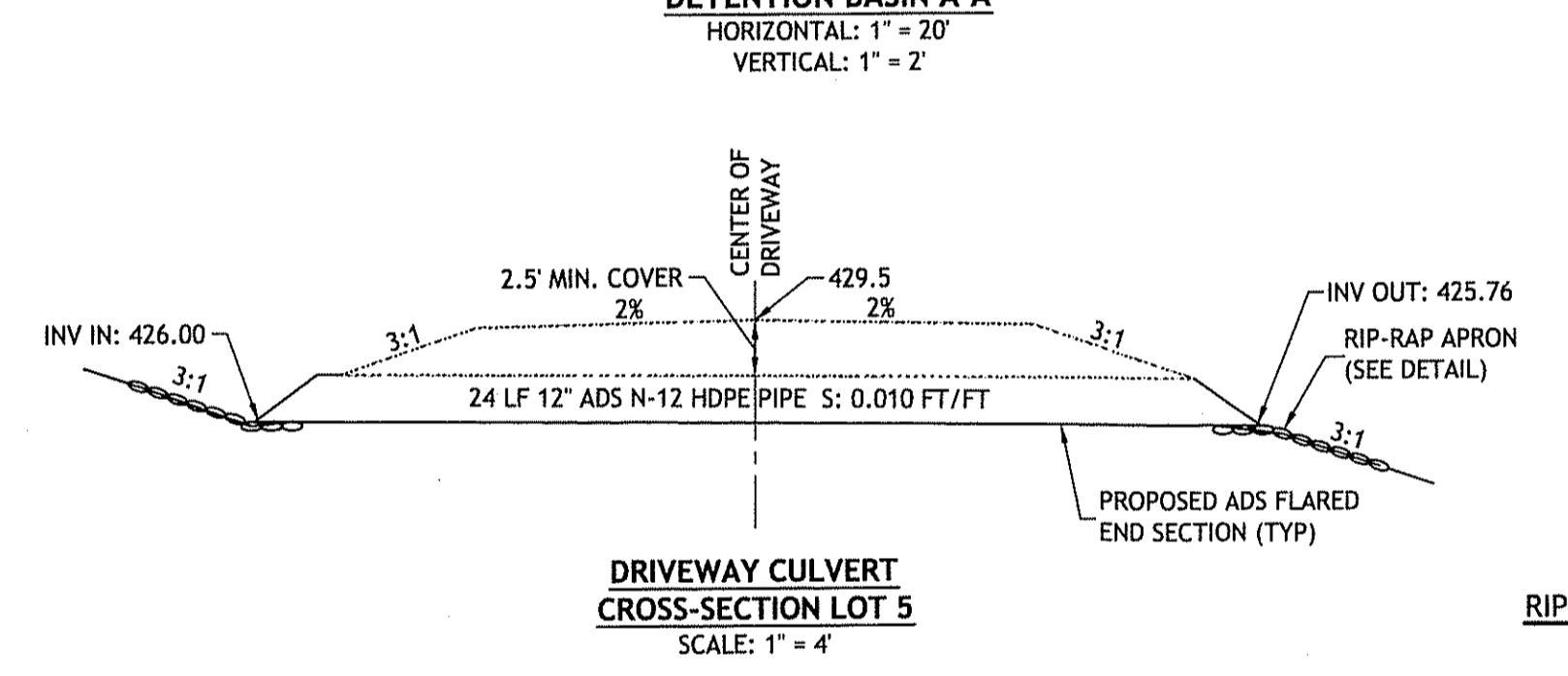
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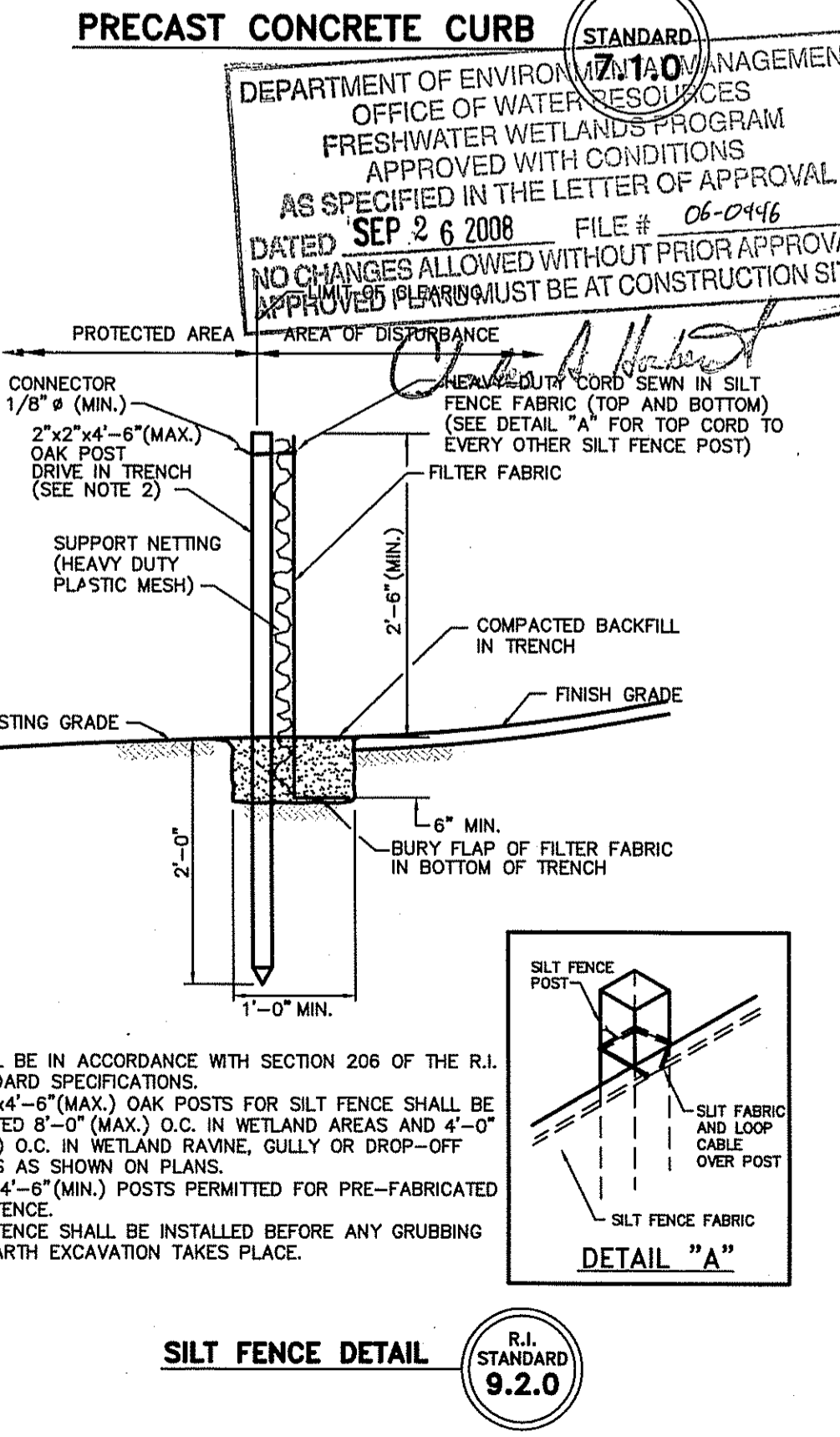
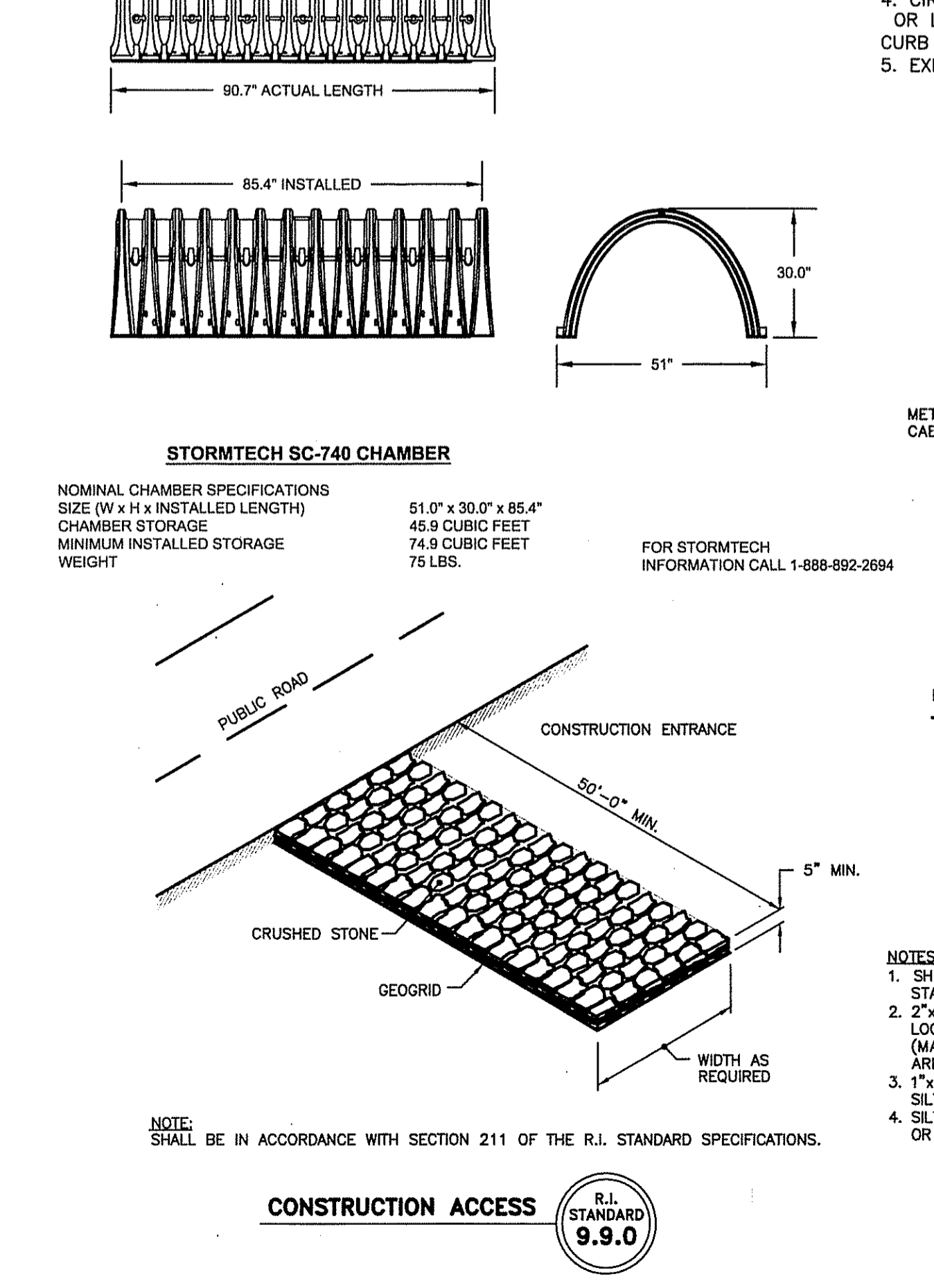
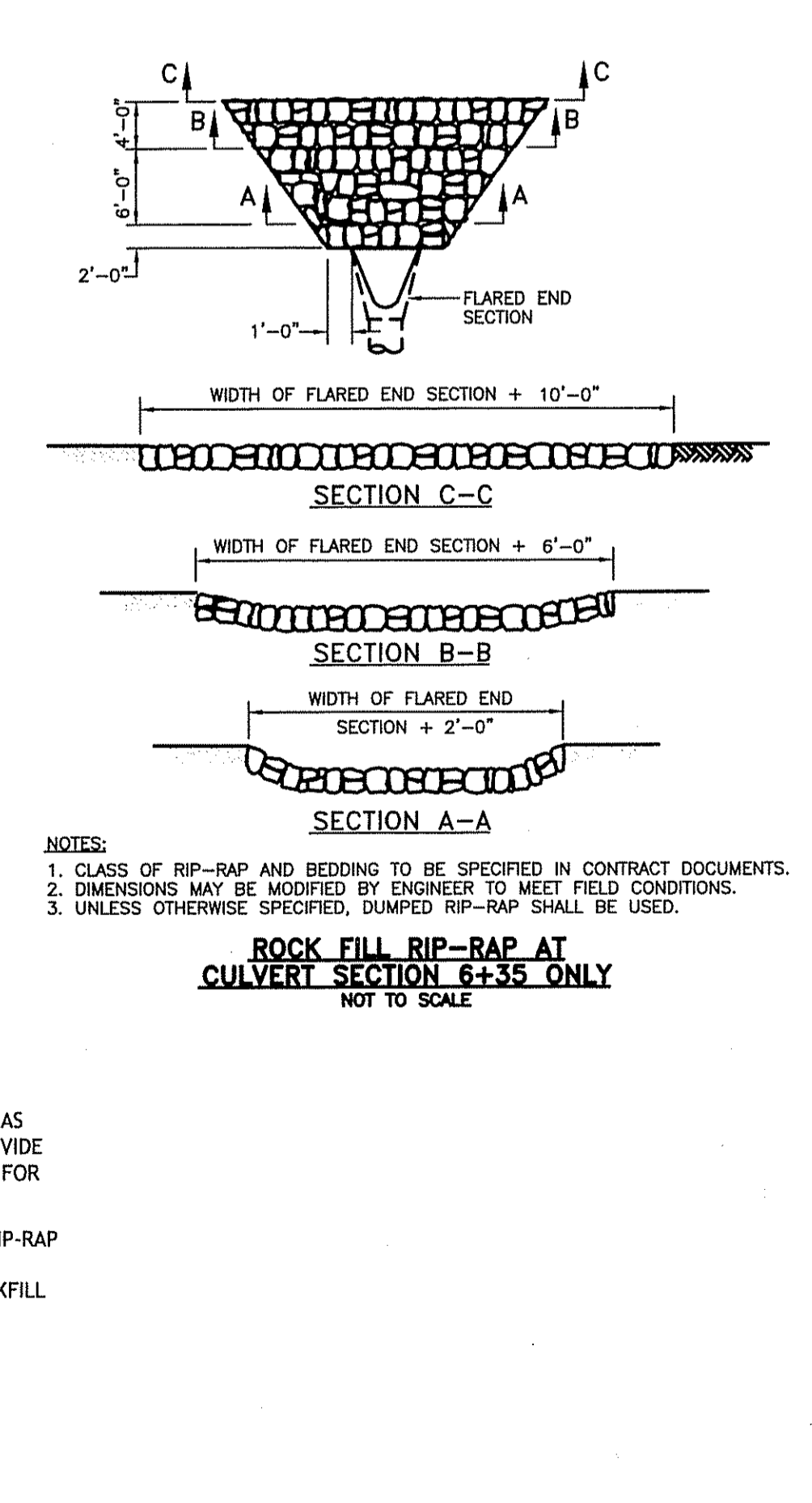
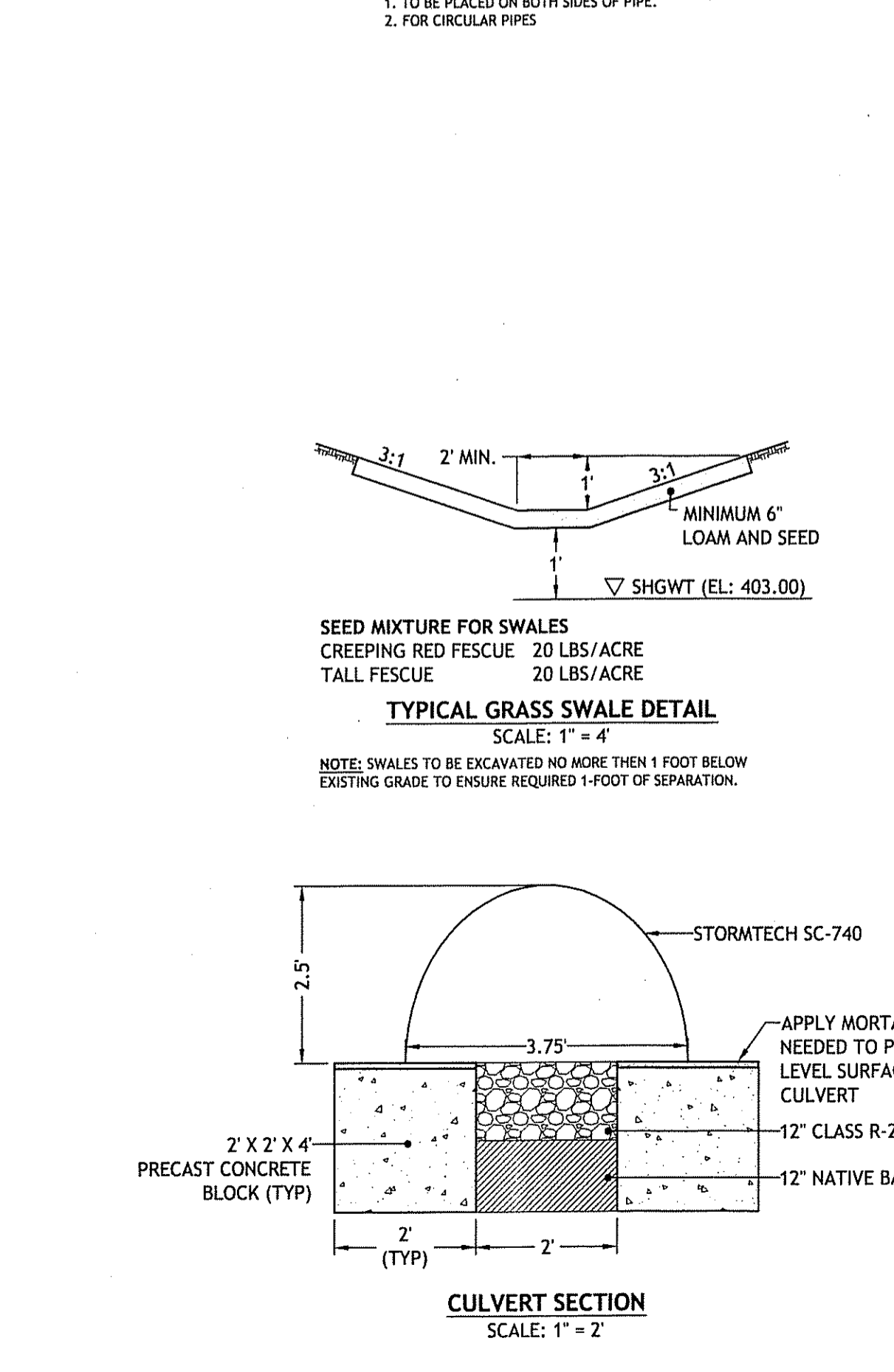
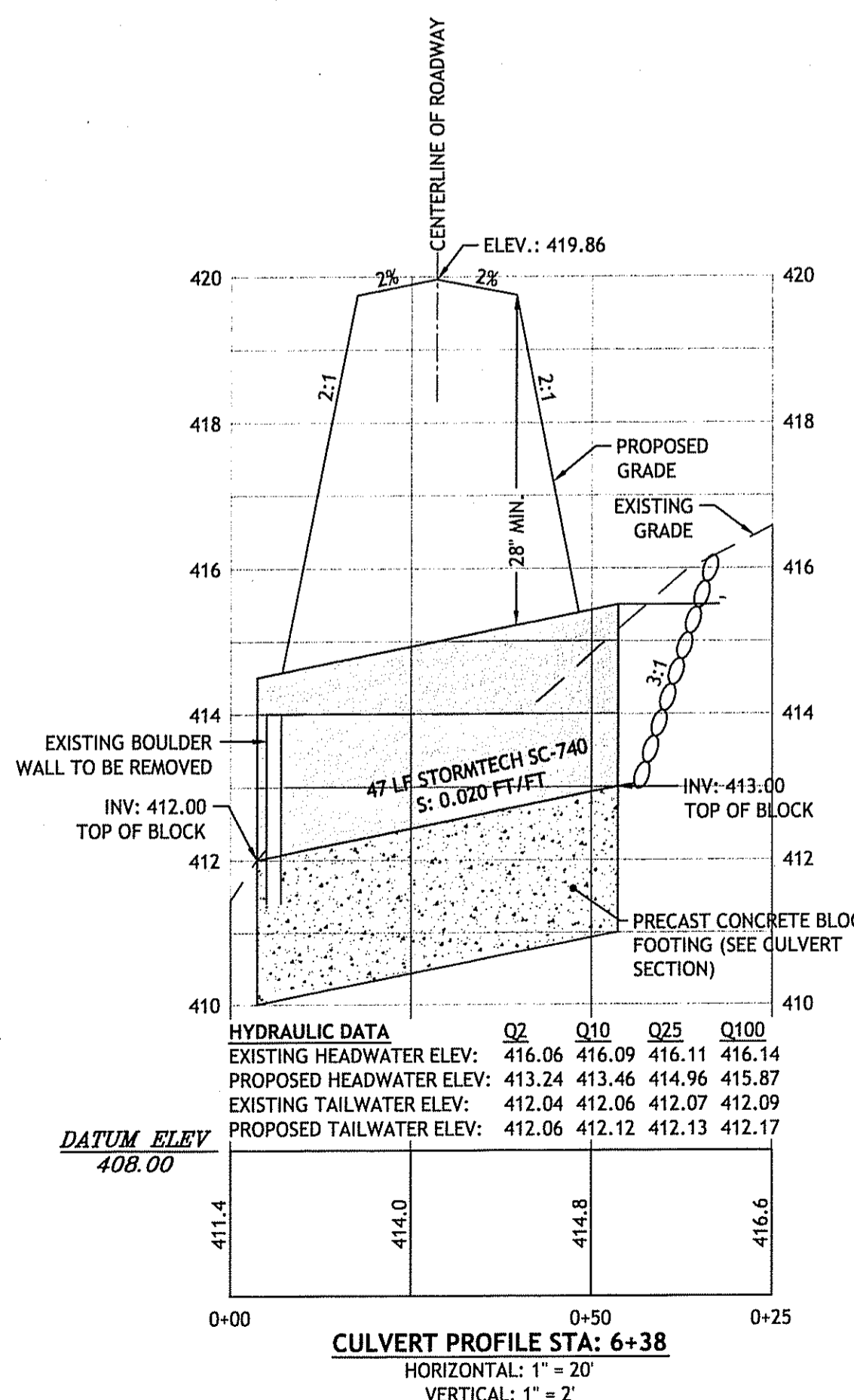
FLARED END SECTIONS

PART NO	PIPE SIZE	A	B (MAX)	H	L	W
1210-NP	12"	6.5"	10"	6.5"	26"	29"
1210-NP	300 mm	165 mm	254 mm	165 mm	635 mm	735 mm
1210-NP	15"	6.5"	10"	6.5"	26"	29"
1210-NP	375 mm	165 mm	254 mm	165 mm	635 mm	735 mm
1610-NP	18"	7.5"	15"	6.5"	30"	35"
1610-NP	450 mm	190 mm	380 mm	165 mm	815 mm	890 mm
2410-NP	24"	7.5"	18"	6.5"	38"	45"
2410-NP	600 mm	190 mm	450 mm	165 mm	900 mm	1140 mm
3012-NP	30"	10.5"	N/A	7.0"	55"	65"
3012-NP	750 mm	268 mm	N/A	178 mm	1345 mm	1725 mm
3612-NP	36"	10.5"	N/A	7.0"	65"	68"
3612-NP	900 mm	268 mm	N/A	178 mm	1645 mm	1725 mm

NOTES: PIPE THREADED ROD W/ WING NUTS PROVIDED FOR END SECTIONS 12"-24" & 30" END SECTIONS TO BE WELDED TO PIPE PER MANUFACTURER'S RECOMMENDATIONS.



NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
2. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR FILLER PIECES TO BE 3'-0".
3. EXPOSED SURFACES TO HAVE A SPONGE FLOAT FINISH.
4. CIRCULAR CURB IS REQUIRED ON CURVES WITH RADI OF 160'-0" OR LESS. STRAIGHT CURB TO BE USED ON CURVES OF MORE THAN 160'-0" RADIUS.
5. EXPOSED EDGES TO HAVE A 3/4" CHAMFER.



CDE
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CIVIL
9.1.10.08

BOISTOWN ESTATES
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AP 208 LOT 24

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DETAILS I
SHEET 8 OF 8