



PLAN REFERENCES:

1) ALMEIDA INDUSTRIAL PARK IN EAST PROVIDENCE, RHODE ISLAND FOR ANTONIO ALMEIDA ESTATE BY STANLEY ENGINEERING, INC., SCALE: 1"=100', DATED OCTOBER, 1963, P.C. NO. 329.

2) PLAN OF LAND IN EAST PROVIDENCE, RHODE ISLAND FOR LEHIGH REALTY ASSOCIATES, PREPARED BY MARK W. HUTCHINS & ASSOCIATES, INC., SCALE: 1"=40', DATED JULY, 1968.

ZONE 1-3

MINIMUM AREA=60,000 S.F.
 MINIMUM WIDTH= 200'
 MINIMUM DEPTH=250'
 SETBACKS:
 FRONT=30'
 SIDE=20'
 REAR=20'
 MAX. BUILDING COVERAGE= 60%

GENERAL NOTES:

1) THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. (PLEASE CONTACT DIGSAFE PRIOR TO CONSTRUCTION @ 1-888-344-7233)

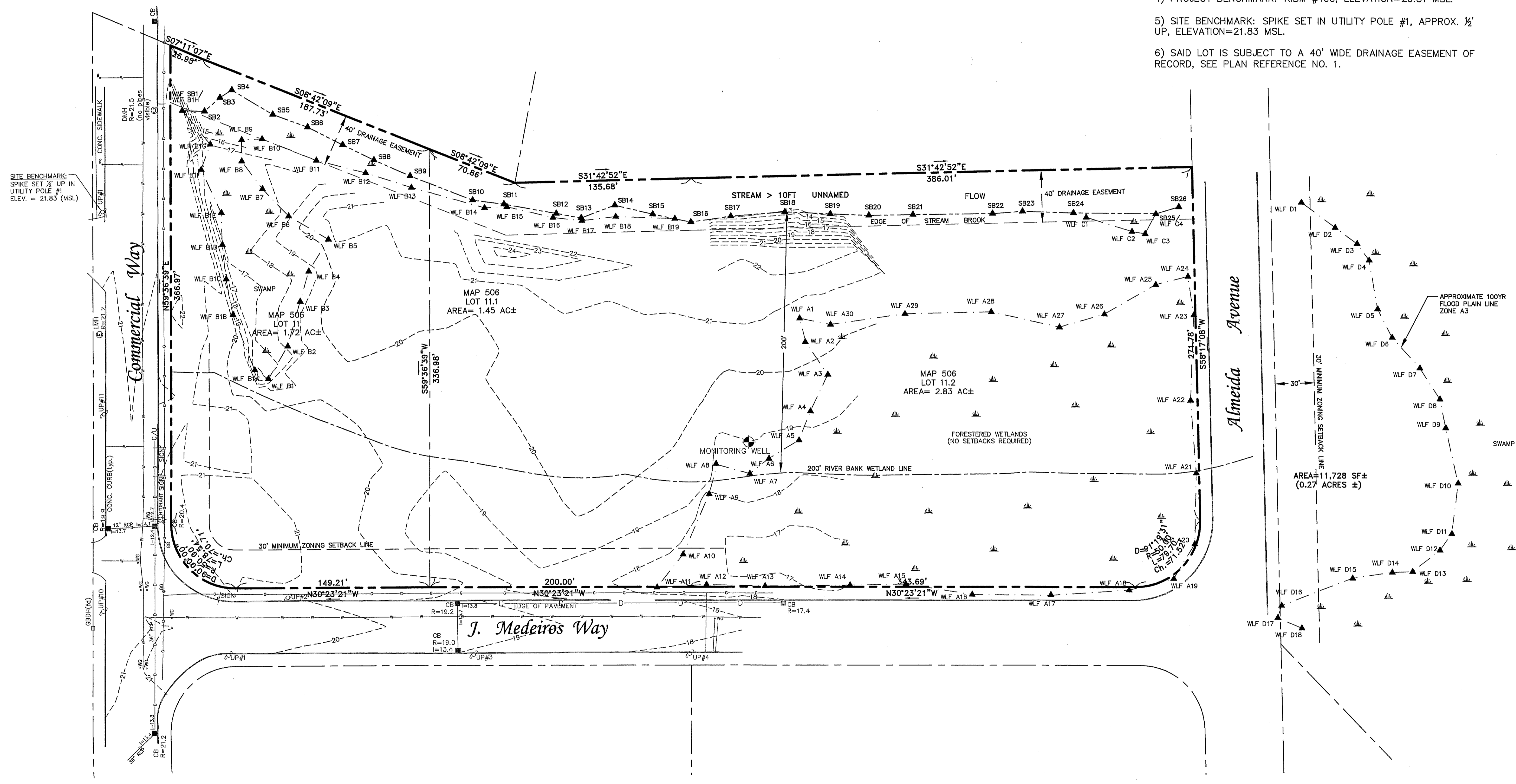
2) WETLAND FLAGS WERE DELINEATED BY NATURAL RESOURCE SERVICES INC. ON APRIL 20, 2006 AND LOCATED BY GAROFALO AND ASSOCIATES APRIL 21, 2006.

3) SUBJECT PARCEL IS IN ZONE C, (AREA OF MINIMAL FLOODING) AS DESIGNATED ON FLOOD INSURANCE RATE MAP (FIRM) IN THE TOWN OF EAST PROVIDENCE, RHODE ISLAND, PANEL 3 OF 8 OF COMMUNITY PANEL NUMBER 445398 0003C JUNE 1, 1983.

4) PROJECT BENCHMARK: RIBM #460, ELEVATION=26.31 MSL.

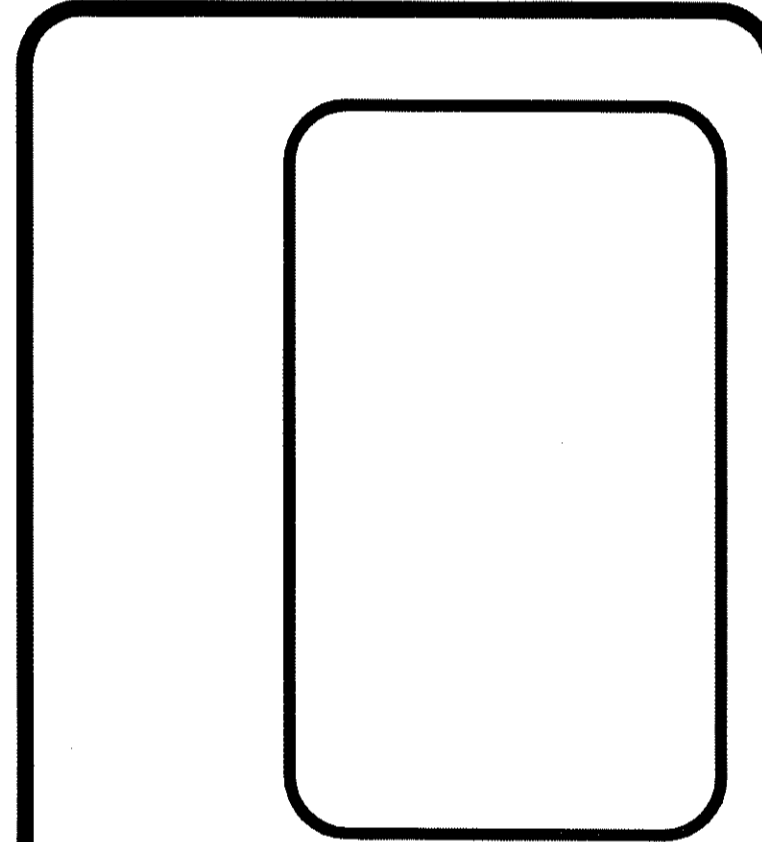
5) SITE BENCHMARK: SPIKE SET IN UTILITY POLE #1, APPROX. 1/2 UP, ELEVATION=21.83 MSL.

6) SAID LOT IS SUBJECT TO A 40' WIDE DRAINAGE EASEMENT OF RECORD, SEE PLAN REFERENCE NO. 1.



EXISTING CONDITIONS PLAN
 FOR
 A.P. 506 LOTS 11, 11.1 & 11.2
 SITUATED ON
 J. MEDEIROS WAY
 EAST PROVIDENCE, RI
 PREPARED FOR
 J. ROBERT and GEORGE PESCE

NO.	REVISION	BY	DATE



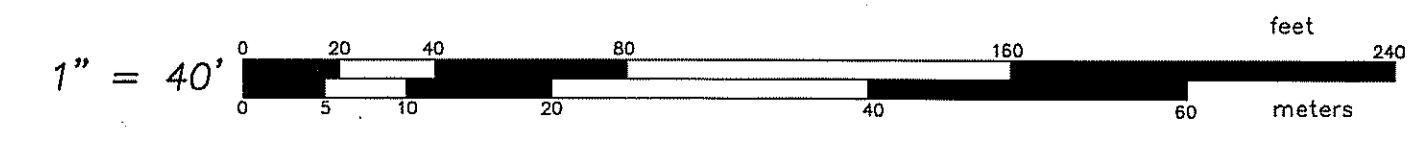
GAROFALO
 GAROFALO & ASSOCIATES, INC.
 CIVIL & STRUCTURAL ENGINEERS/SURVEYORS
 LAND PLANNERS/ENVIRONMENTAL SCIENTISTS

AUG 17 2007

85 CORLISS STREET
 P.O. BOX 6145
 PROVIDENCE, R.I. 02940
 TEL. 401-273-6000

JOB NO. 6336-00	DRAWN BY S.L.C.
DWG. NO. RIDEM SUBMISSION	CHECKED S.A.W.
SCALE: 1"=40'	APPROVED S.A.W.
	DATE: AUGUST 15, 2007

SHEET
S1
 2 OF 11 SHEETS



L:\6336-00 J. Medeiros Way, E. Providence, RI - Current\01-CURRENT\6336 - RIDEM SUBMISSION - 08-15-07.dwg, S1-ES, 8/16/2007 1:58:42 PM, GAL-STANDARD.DWG

GRADING & DRAINAGE NOTES

1. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES AROUND THE WORK AND SHALL PROVIDE PROTECTION AGAINST WATER DAMAGE AND SOIL EROSION.
2. MAXIMUM SLOPE OF EMBANKMENT SHALL BE 2.0 FEET HORIZONTAL TO 1.0 FOOT VERTICAL, OR PER APPLICABLE JURISDICTIONAL REGULATIONS.
3. PROPOSED CONTOURS ARE TO FINISHED GRADE.
4. THE CONTRACTOR WILL INSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED OR REGRADING AS REQUIRED BY THE ENGINEER, EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS AND HAVING SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
5. THE CONTRACTOR SHALL PROVIDE ANY AND ALL EXCAVATION AND MATERIAL SAMPLES NECESSARY TO CONDUCT REQUIRED SOIL TESTS. ALL ARRANGEMENTS AND SCHEDULING FOR THE TESTING SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
6. SOILS TESTING AND ON-SITE INSPECTION SHALL BE PERFORMED BY AN INDEPENDENT GEOTECHNICAL ENGINEER. THE SOILS ENGINEER SHALL PROVIDE COPIES OF TEST REPORTS TO THE CONTRACTOR, THE OWNER AND THE OWNER'S REPRESENTATIVE AND SHALL PROMPTLY NOTIFY THE OWNER, HIS REPRESENTATIVE AND THE CONTRACTOR SHOULD WORK PERFORMED BY THE CONTRACTOR FAIL TO MEET THESE SPECIFICATIONS.

SITE NOTES

1. ALL CONCRETE SHALL BE CLASS A, 3,000 PSI AT 28 DAYS COMPRESSIVE STRENGTH WITH A MAXIMUM SLUMP OF 4" UNLESS NOTED OTHERWISE. ALL EXPOSED CONCRETE TO HAVE A FINE BROOM FINISH.
2. ALL MATERIALS SHALL BE NEW UNLESS USED OR SALVAGED MATERIALS ARE AUTHORIZED BY THE OWNER.
3. ALL DIMENSIONS ARE TO FACE OF CURB AND FACE OF BUILDING OR AS NOTED.
4. NECESSARY BARRICADES, SUFFICIENT LIGHTS, SIGNS AND OTHER TRAFFIC CONTROL METHODS AS MAY BE NECESSARY FOR THE PROTECTION AND SAFETY OF THE PUBLIC, SHALL BE PROVIDED AND MAINTAINED THROUGHOUT THE CONSTRUCTION.
5. RAMPS SHALL BE PROVIDED WHEREVER AN ACCESSIBLE ROUTE CROSSES A CURB OR IS PART OF AN ACCESSIBLE ROUTE THAT HAS A SLOPE OF 1:20 OR GREATER. THE RAMP SHALL HAVE A MINIMUM WIDTH OF 36 INCHES CLEAR EXCLUSIVE OF FLARED SIDES AND A MAXIMUM SLOPE OF 12 INCHES OF RUN FOR EVERY 1 INCH OF LIFT. IF THE RAMP HAS 72 INCHES OF RUN THERE SHALL BE A HANDRAIL ON BOTH SIDES OF THE RAMP. A MAXIMUM OF 36 INCHES APART. THE MAXIMUM HEIGHT OF HANDRAILS FROM FINISH SURFACE TO TOP OF HANDRAIL SHALL NOT EXCEED 34 INCHES.
6. SIDEWALK CONSTRUCTION SHOWN IN THESE PLANS SHALL MEET ALL REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT OF JULY 1991 TITLE II, TITLE III, AND ANY STATE, COUNTY LOCAL OR OTHER APPLICABLE LAWS.

SOIL EROSION AND SEDIMENT CONTROL NOTES

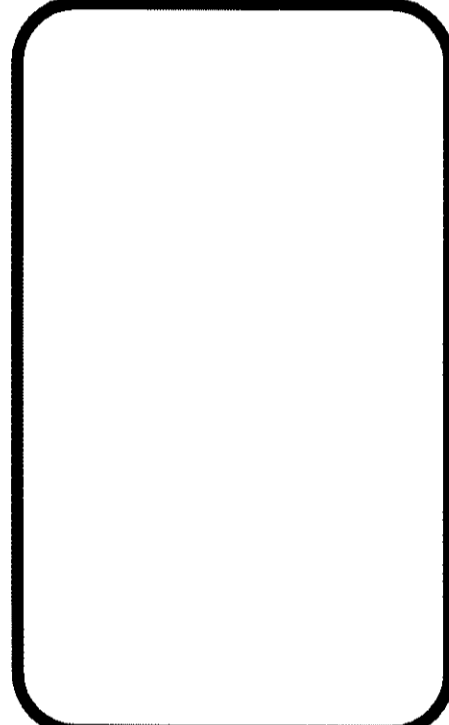
1. DISTURBANCE OF SOIL SURFACES IS REGULATED BY STATE LAW. ALL WORK SHALL COMPLY WITH THE CURRENT CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE CITY OF EAST PROVIDENCE, AND THE RHODE ISLAND SOIL EROSION CONTROL HANDBOOK.
2. THE EROSION CONTROL MEASURES SHOWN AND DETAILED ON THESE PLANS SHOULD BE CONSIDERED THE MINIMAL ACCEPTABLE STANDARDS FOR THE PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CLEAN ROADS, ALLAY DUST, AND TAKE WHATEVER MEASURES ARE NECESSARY TO INSURE THAT THE SITE AND ALL ADJACENT PROPERTIES ARE MAINTAINED IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL TIMES.
3. ALL SILT FENCING SHALL BE PROPERLY SUPPORTED BY STURDY STAKES AND WIRE FENCING AND TOED INTO EXISTING SUBSTRATE SOILS. HAY BALES SHALL BE TOED TO EXISTING SUBSTRATE SOILS AND STABILIZED WITH STURDY STAKES (TWO PER HAY BALE).
4. ALL DISTURBED AREAS NOT COVERED BY BUILDING, PAVEMENT OR OTHER GROUND COVER SHALL BE PLANTED WITH GRASS ON FOUR INCH (4") THICKNESS OF TOPSOIL. IF SEEDING CANNOT BE COMPLETED IMMEDIATELY, DISTURBED AREAS SHALL BE STABILIZED WITH A SPREAD HAY MULCH (APPROPRIATELY ANCHORED) OR EXCELSIOR EROSION CONTROL MATTING.
5. ANY EXCAVATIONS WITHIN GROUNDWATER REQUIRING DEWATERING SHALL BE PUMPED AND DISCHARGED INTO A TEMPORARY SALUTATION BASIN WITHIN THE APPROVED PROJECT LIMITS OF DISTURBANCE. BASIN SHALL BE CONSTRUCTED OF SILT FENCING WITH A MINIMUM OF TWO ROWS OF HAY BALES ALL AROUND.
6. EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EVERY SIGNIFICANT RAINFALL FOR PROPER FUNCTIONING. MAINTENANCE AND REPLACEMENT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
7. ADDITIONAL EROSION CONTROL MEASURES OR SILT BARRIERS TO BE PLACED AS DIRECTED BY THE PROJECT ENGINEER AND/OR LOCAL JURISDICTIONAL INSPECTOR.
8. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
9. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED, OR A PERIOD OF TWO YEARS.
10. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM REQUIRED MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL DEVICES TO ENSURE THEIR FUNCTION AT ALL TIMES.

GENERAL CONSTRUCTION NOTES:

1. AN APPROVED SET OF PLANS AND ALL APPLICABLE PERMITS MUST BE AVAILABLE AT THE CONSTRUCTION SITE. DEVIATIONS OR CHANGES WILL NOT BE ALLOWED UNLESS APPROVED BY THE ENGINEER. CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT THE CITY (DPW) AND STATE (RIDEM) PRIOR TO SCHEDULING CONSTRUCTION AND TO OBTAIN ANY CONSTRUCTION PERMITS SPECIFIC TO THEIR WORK.
2. THE CONTRACTOR SHALL VERIFY THE PROPOSED LAYOUT WITH ITS RELATIONSHIP TO THE EXISTING SITE SURVEY. THE CONTRACTOR SHALL ALSO VERIFY ALL DIMENSIONS, SITE CONDITIONS, AND MATERIAL SPECIFICATIONS AND SHALL NOTIFY THE OWNER AND ENGINEER OF ANY ERRORS, OMISSIONS OR DISCREPANCIES BEFORE COMMENCING OR PROCEEDING WITH WORK.
3. METHODS AND MATERIALS USED IN THE CONSTRUCTION OF IMPROVEMENTS FOR THIS PROJECT SHALL CONFORM TO THE CURRENT CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE CITY OF EAST PROVIDENCE AND THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION.
4. THE CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE ANY EXISTING UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO VERIFY ALL DIMENSIONS, SITE CONDITIONS, AND MATERIAL SPECIFICATIONS AND SHALL NOTIFY THE OWNER AND ENGINEER OF ANY ERRORS, OMISSIONS OR DISCREPANCIES BEFORE COMMENCING OR PROCEEDING WITH WORK.
5. CONTRACTORS SHALL NOTIFY OPERATORS WHO MAINTAIN UNDERGROUND UTILITY LINES IN THE AREA OF PROPOSED EXCAVATION OR BLASTING AT LEAST TWO WORKING DAYS, BUT NOT MORE THAN TEN WORKING DAYS, PRIOR TO COMMENCEMENT OF EXCAVATION OR DEMOLITION. ALL WATER, GAS, SEWER AND OTHER UTILITIES SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING, WITH MATCHING MATERIALS, ANY PAVEMENT, DRIVEWAYS, WALKS, WALLS, CURBS, ETC.. THAT MUST BE CUT OR THAT ARE DAMAGED DURING CONSTRUCTION.
7. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL AND ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM "THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER."
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND TO TAKE WHATEVER STEPS NECESSARY TO PROVIDE FOR THEIR PROTECTION. THE ENGINEER HAS DILIGENTLY ATTEMPTED TO LOCATE AND INDICATE ALL EXISTING FACILITIES ON THESE PLANS; HOWEVER, THIS INFORMATION IS SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS OF UTILITIES SHOWN OR NOT SHOWN. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES FOR EXACT LOCATION OF THEIR UTILITIES PRIOR TO STARTING CONSTRUCTION. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REPLACE ANY AND ALL DAMAGE MADE TO UTILITIES BY THE CONTRACTOR.

GENERAL NOTES AND LEGEND
 FOR
A.P. 506 LOTS 11, 11.1 & 11.2
 SITUATED ON
J. MEDEIROS WAY
EAST PROVIDENCE, RI
 PREPARED FOR
J. ROBERT and GEORGE PESCE

NO.	REVISION	BY	DATE



LEGEND (not to scale)

EXISTING	DESCRIPTION	PROPOSED
---	LOCUS PROPERTY LINE	---
x	CHAIN LINK FENCE	x
□	STOCKADE FENCE	□
---	CONTOUR LINE	---
61	WATER MAINS	61
w	SEWER	w
E	ELECTRIC/TELEPHONE/CABLE	E/T/C
G	GAS MAIN	G
OHW	OVERHEAD WIRE	OHW
⊗	SEWER/RAIN MANHOLE	⊗
⊕	ELECTRIC MANHOLE	⊕
□ LP	ELECTRIC HANDHOLE	□ LP
○ WG	LIGHT POLE	○ WG
○ GG	WATER GATE	○ GG
⊗	GAS GATE	⊗
⊗	FIRE HYDRANT	⊗
⊗	UTILITY POLE	⊗
66.81	SPOT GRADE	X 65.6
60.44c	TOP OF CURB	TC=64.5
59.35bc	BOTTOM OF CURB	BC=62.7
60.40tw	TOP OF WALL	TW=58.8
59.32bw	BOTTOM OF WALL	BW=52.4
GC	GRANITE CURB	GC
BCC	BIT. CONCRETE CURB	BCC
⊗ DH	DRILL HOLE	⊗
⊗ GB	NAIL	⊗
(frd)	GRANITE BOUND	
	FOUND	

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LAND PLANNERS/ENVIRONMENTAL SCIENTISTS

AUG 17 2007
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 TEL: 401-273-6000

JOB NO. 6336-00	DRAWN BY S.L.C.
DWG. NO. RIDEM SUBMISSION	CHECKED R.P.H.
SCALE: 1"=40'	APPROVED S.B.G.
	DATE: AUGUST 15, 2007

SHEET

C1

3 OF 11 SHEETS

L:\6336-00 J. Medeiros Way, E. Providence\01-Current\6336 - RIDEM SUBMISSION - 08-15-07.dwg, CL-NOTES, 8/16/2007 1:59:04 PM, GAL-STANDARD.p3



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- 2) PLAN OF LAND IN EAST PROVIDENCE, RHODE ISLAND FOR LEHIGH REALTY ASSOCIATES, PREPARED BY MARK W. HUTCHINS & ASSOCIATES, INC., SCALE: 1"=40', DATED JULY, 1968.

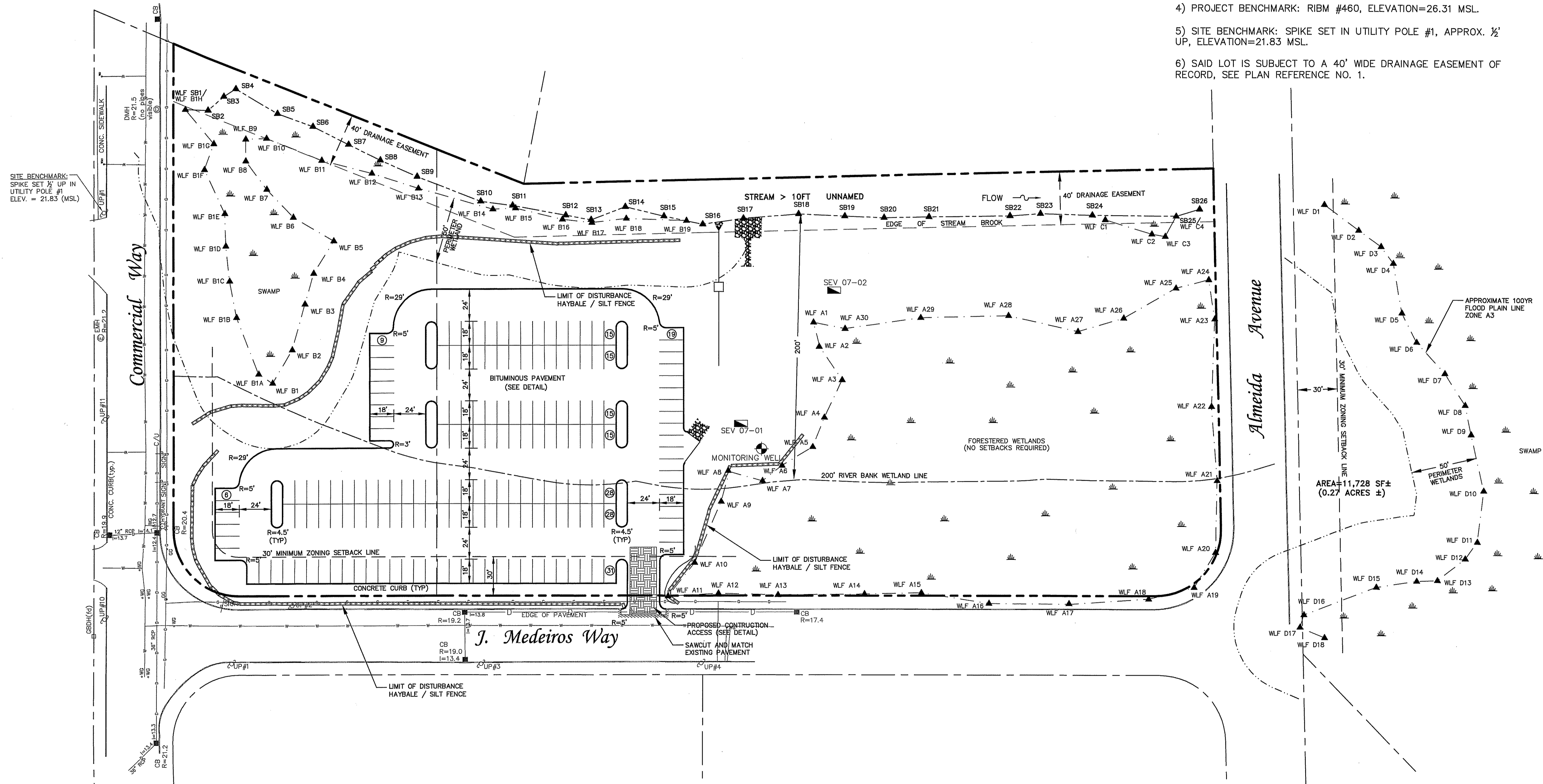
ZONE I-3

MINIMUM AREA=60,000 S.F.
 MINIMUM WIDTH= 200'
 MINIMUM DEPTH=250'
 SETBACKS:
 FRONT=30'
 SIDE=20'
 REAR=20'
 MAX. BUILDING COVERAGE= 60%

TOTAL PROPOSED PARKING=181 SPACES

GENERAL NOTES:

- 1) THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. (PLEASE CONTACT DIGSAFE PRIOR TO CONSTRUCTION @ 1-888-344-7233)
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- 3) SUBJECT PARCEL IS IN ZONE C. (AREA OF MINIMAL FLOODING) AS DESIGNATED ON FLOOD INSURANCE RATE MAP (FIRM) IN THE TOWN OF EAST PROVIDENCE, RHODE ISLAND, PANEL 3 OF 8 OF COMMUNITY PANEL NUMBER 445398 0003C JUNE 1, 1983.
- 4) PROJECT BENCHMARK: RIBM #460, ELEVATION=26.31 MSL.
- 5) SITE BENCHMARK: SPIKE SET IN UTILITY POLE #1, APPROX. 1/2 UP, ELEVATION=21.83 MSL.
- 6) SAID LOT IS SUBJECT TO A 40' WIDE DRAINAGE EASEMENT OF RECORD, SEE PLAN REFERENCE NO. 1.



PARKING LAYOUT PLAN
 FOR
 A.P. 506 LOTS 11, 11.1 & 11.2
 SITUATED ON
 J. MEDEIROS WAY
 EAST PROVIDENCE, RI
 PREPARED FOR
 J. ROBERT and GEORGE PESCE

NO.	REVISION	BY	DATE

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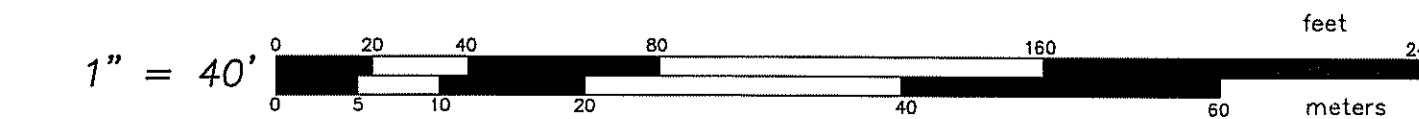
85 CORLISS STREET
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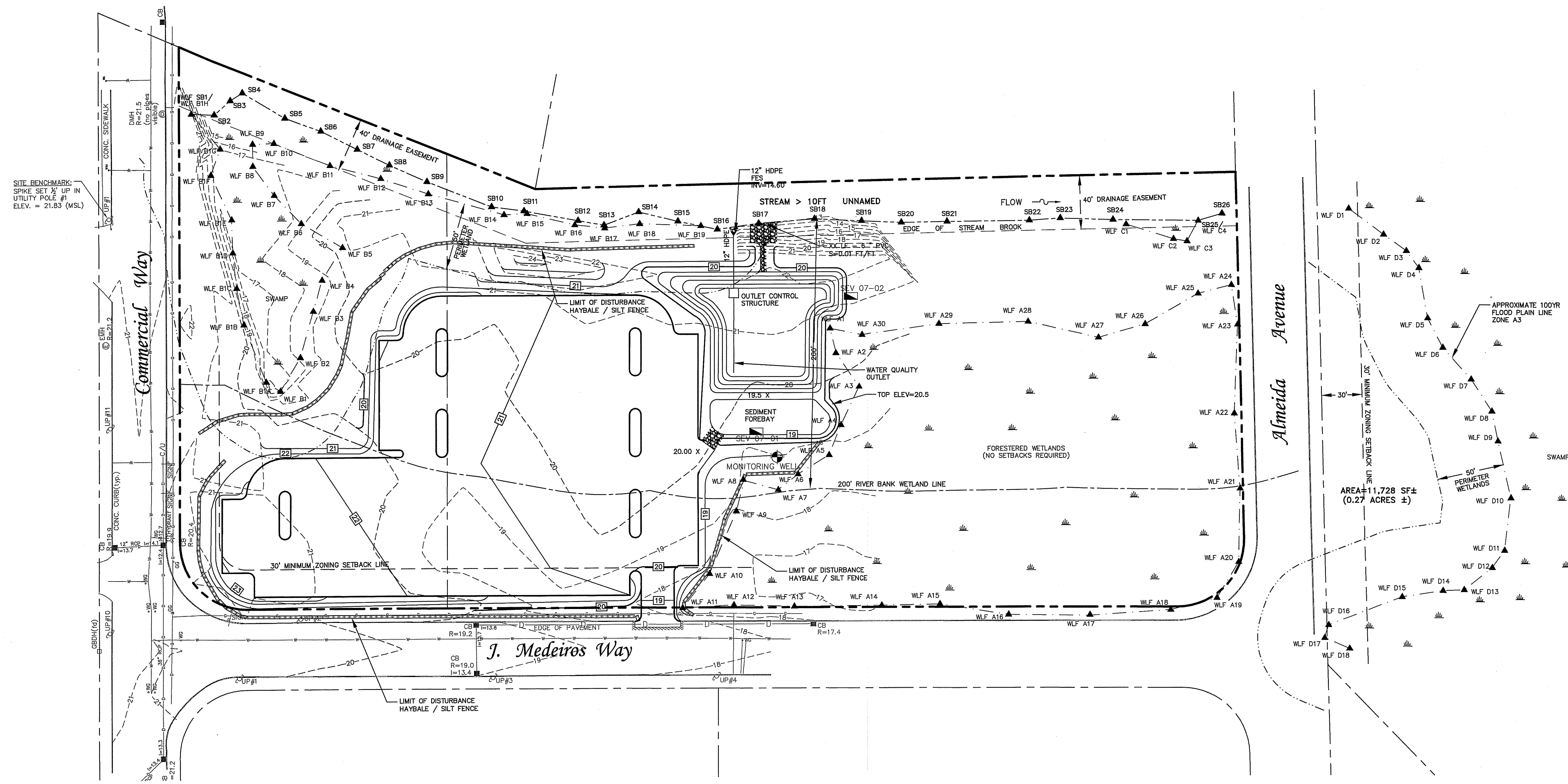
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SHEET

C2

4 OF 11 SHEETS



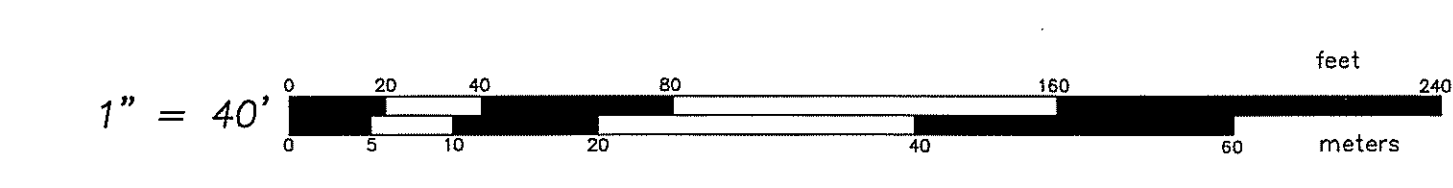


SITE BENCHMARK:
SPIKE SET 1/2" UP IN
UTILITY POLE #1
ELEV. = 21.83 (MSL)

Almeida Avenue

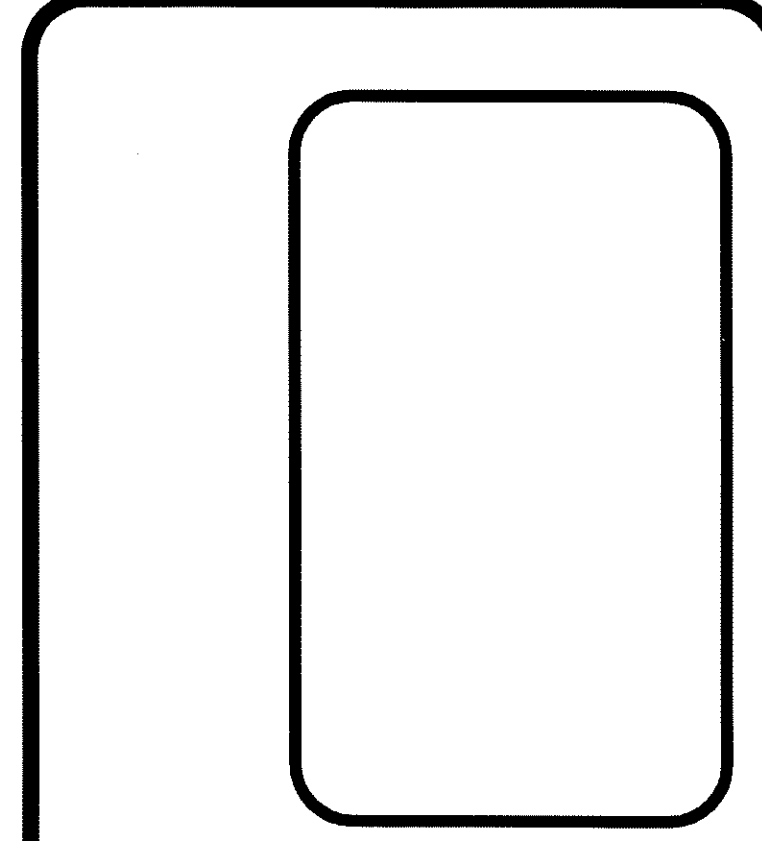
J. Medeiros Way

AREA = 11,728 SF ±
(0.27 ACRES ±)



GRADING AND UTILITY PLAN
FOR
A.P. 506 LOTS 11, 11.1 & 11.2
SITUATED ON
J. MEDEIROS WAY
EAST PROVIDENCE, RI
PREPARED FOR
J. ROBERT and GEORGE PESCE

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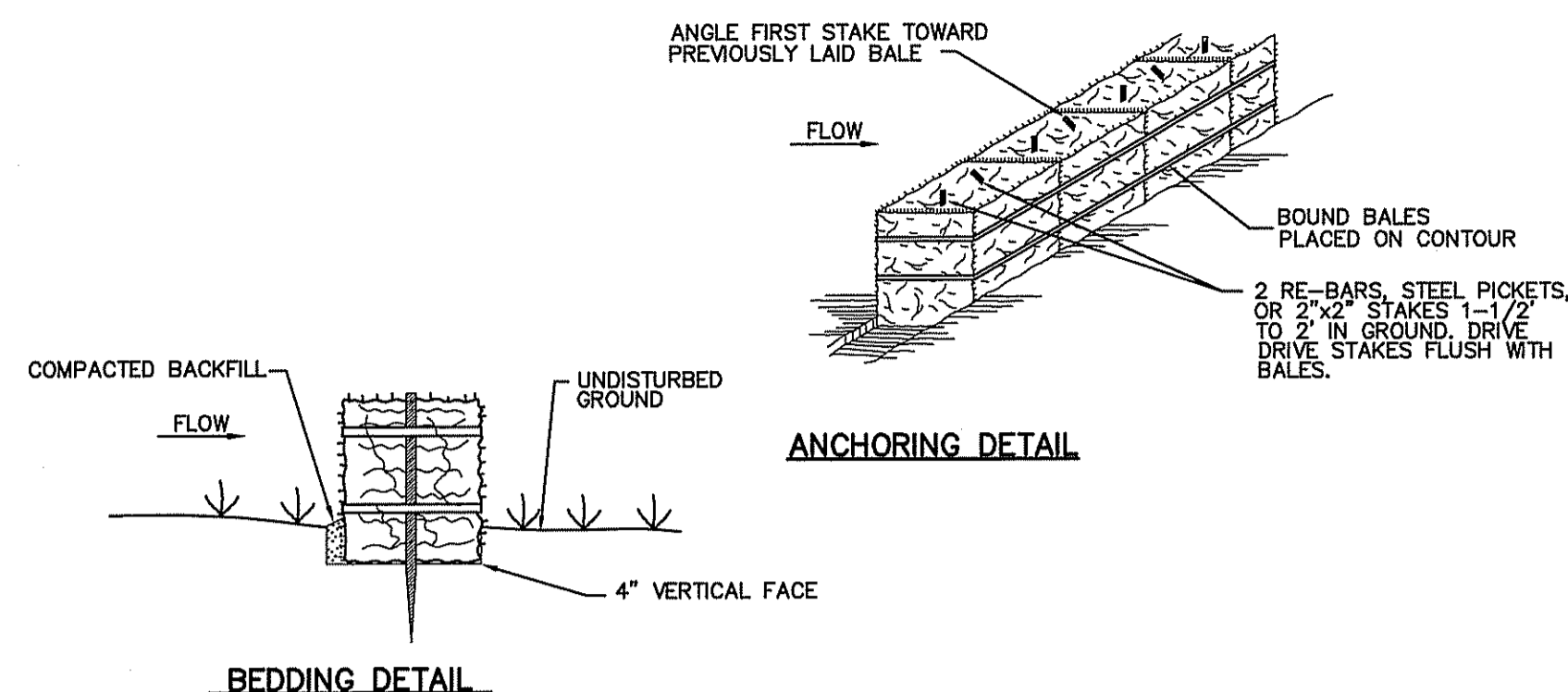
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SHEET

C3

5 OF 11 SHEETS

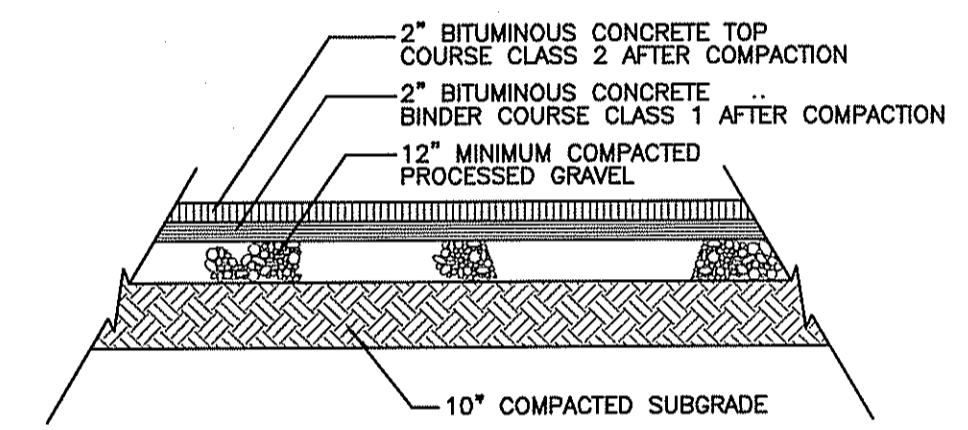


CONSTRUCTION SPECIFICATIONS

1. BALES SHALL BE PLACED AT THE TOP OF A SLOPE OR ON THE CONTOUR, AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL, A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE, AT AN ANGLE, TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
4. INSPECTION SHALL BE FREQUENT AND REPAIR/REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED. REMOVE ACCUMULATED SEDIMENT PROMPTLY.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

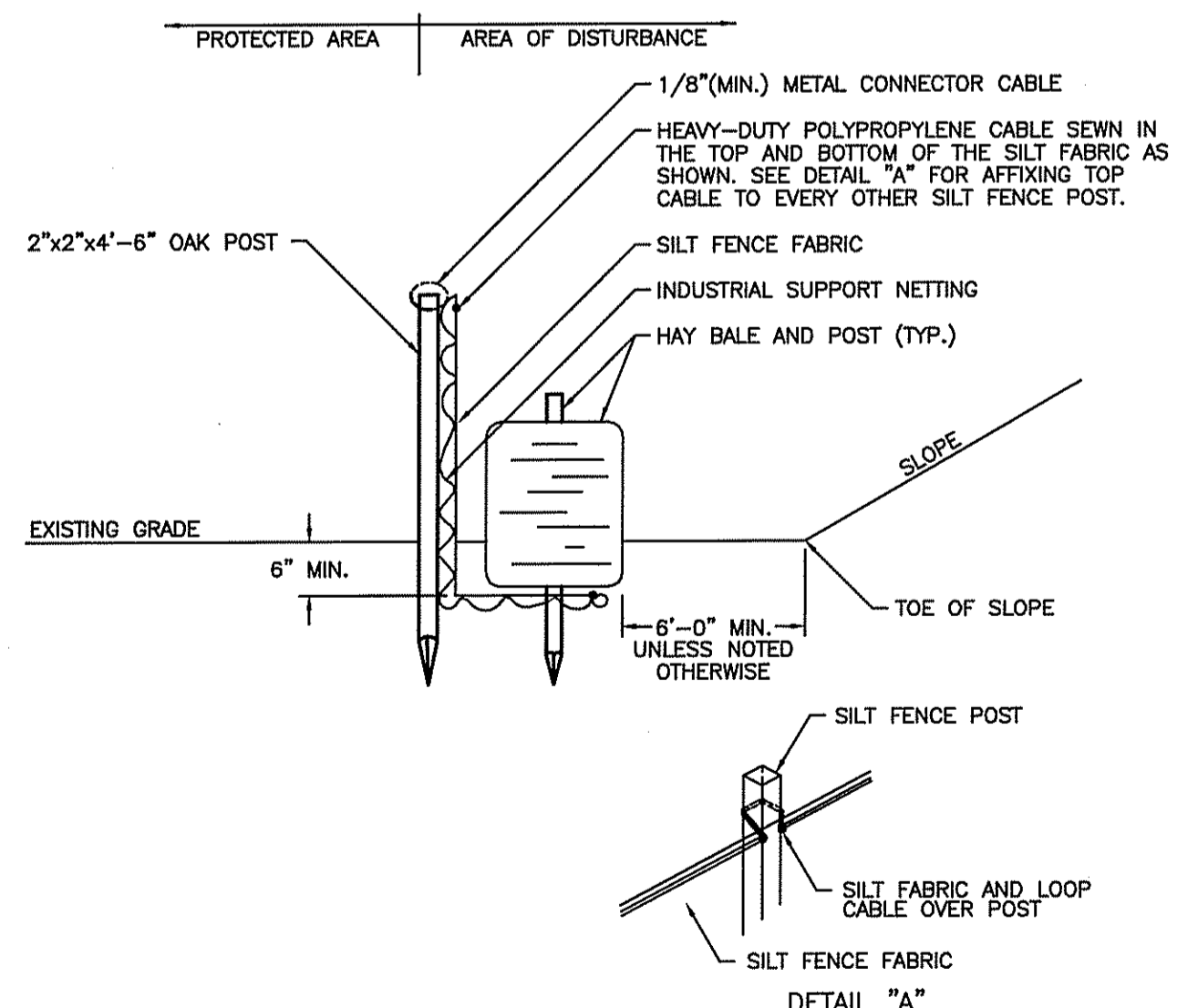
STRAW BALE BARRIER DETAIL

NOT TO SCALE



BITUMINOUS STANDARD CONCRETE PAVEMENT DETAIL

NOT TO SCALE



NOTES:

1. HAY BALES ARE TO BE PLACED WITHIN A 6" MIN. TRENCH AND INSTALLED "TIGHT" AGAINST THE SILT FENCE.
2. THOROUGHLY COMPACT EXCAVATED SOILS BACK INTO THE TRENCH AFTER INSTALLATION OF EROSION CONTROL DEVICES.
3. SILT FENCE FABRIC SHALL NOT BE SLIT AND THE HAY BALE POSTS ARE TO BE DRIVEN THROUGH THE SILT FENCE FABRIC.
4. 2"x2"x4'-6" OAK POSTS FOR THE SILT FENCE SHALL BE LOCATED ON 8'-0" (MAX.) CENTERS IN A WETLAND AREA AND 4'-0" (MAX.) CENTERS IN A WETLAND REVINE, GULLY AND/OR A DROP-OFF AREA AS SHOWN ON THE PLANS.

SILT FENCE WITH HAY BALE

NOT TO SCALE

DETAIL PLAN 1

GUTTER LINE

5/8"x2 1/4" DOWEL SOCKET

1/2" 6 1/2"

1" 1 1/2"

6'-0" NORMAL

1/2"x4" EPOXY COATED DOWEL

3 1/2" 10"

6 1/2"

Re 160'-50" MIN.

CIRCULAR CURB

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.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS		
NO.	BY	DATE
1	M.P.	Mar 05

PRECAST CONCRETE CURB

JUNE 15, 1998

R.I. STANDARD 7.1.0

PUBLIC ROAD

CONSTRUCTION ENTRANCE

50'-0" MIN.

5" MIN.

CRUSHED STONE

GEOGRID

WIDTH AS REQUIRED

NOTE: SHALL BE IN ACCORDANCE WITH SECTION 211 OF THE R.I. STANDARD SPECIFICATIONS.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS		
NO.	BY	DATE
1	M.P.	Mar 05

CONSTRUCTION ACCESS

JUNE 15, 1998

R.I. STANDARD 9.9.0

DETAIL PLAN 1

FOR

A.P. 506 LOTS 11, 11.1 & 11.2

SITUATED ON

J. MEDEIROS WAY

EAST PROVIDENCE, RI

PREPARED FOR

J. ROBERT and GEORGE PESCE

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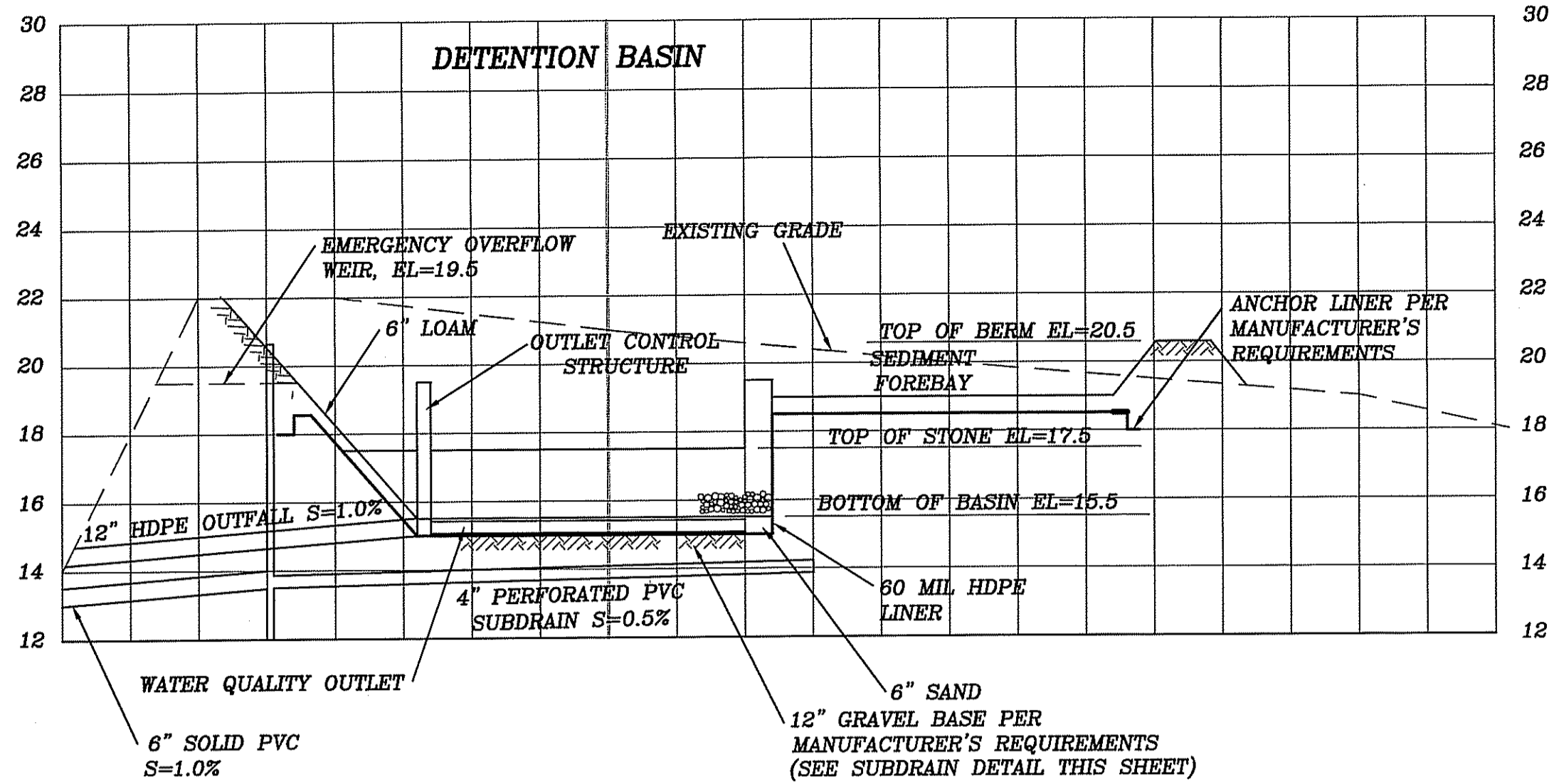
JOB NO. 6336-00	DRAWN BY S.L.C.
DWG. NO. RIDEM SUBMISSION	CHECKED R.P.H.
SCALE: AS NOTED	APPROVED S.B.G.
	DATE AUGUST 15, 2007

SHEET

C4

6 OF 11 SHEETS

L:\6336-00 J. Medeiros Way, E. Prov.dwg\01-Current\6336 - RIDEM SUBMISSION - 08-15-07.dwg, CH-DETAILS 1, 8/16/2007 2:00:30 PM, G:\5-STD\RIDEM.DWG



DETENTION BASIN DATA (POND #1)

- 2 YEAR STORM ELEVATION = 18.97
- 10 YEAR STORM ELEVATION = 19.41
- 25 YEAR STORM ELEVATION = 19.63
- 100 YEAR STORM ELEVATION = 19.83

TEMPORARY DETENTION BASIN SECTION A-A

SCALE: 1" = 4' (VERT.)
1" = 20' (HOR.)

SOIL EROSION & SEDIMENT CONTROL NOTES:

- 1.) THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL DEVICES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 2.) THE CONTRACTOR SHALL USE THE "STATE OF RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK", 1989, AS AMENDED, AS A GUIDE IN CONSTRUCTING THE EROSION AND SEDIMENT CONTROLS INDICATED ON THESE PLANS. THE GUIDELINES MAY BE OBTAINED FROM R.I. DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (DEM) OR THE USDS SOIL CONSERVATION SERVICE. THIS PUBLICATION SHALL BE A PART OF THIS PLAN.
- 3.) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CLEAN ROADS, ALLAY DUST, AND TAKE WHATEVER MEASURES NECESSARY TO ENSURE THAT ALL ADJACENT ROADS ARE MAINTAINED IN A CLEAN MUD AND DUST FREE CONDITION AT ALL TIMES.
- 4.) THE CONTRACTOR SHALL INSPECT AND REPAIR EROSION SEDIMENT CONTROL DEVICES AT THE END OF EACH WORKING DAY AND AFTER EACH STORM.
- 5.) ALL DISTURBED ROADWAY EXCAVATIONS & DETENTION AREAS SHALL BE PLANTED WITH GRASS ON FOUR INCH (4") THICKNESS OF TOPSOIL. IF SEEDING CANNOT BE COMPLETED IMMEDIATELY, DISTURBED AREAS SHALL BE STABILIZED WITH A SPREAD HAY MULCH (APPROPRIATELY ANCHORED) OR EXCELSTOR EROSION CONTROL MATTING.
- 6.) ANY EXISTING OR PROPOSED STORMWATER DRAINAGE STRUCTURES WHICH MAY BE SUBJECT TO SEDIMENTATION PROCESSES, INCLUDING CATCH BASINS (GRATES), INLET/OUTLET STRUCTURES, AND OUTFALL AREAS SHALL BE PROTECTED WITH STAKED HAYBALES OR CRUSHED STONE FILTERS THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD.
- 7.) THE EROSION CONTROL MEASURES SHOWN SHOULD BE CONSIDERED MINIMUM STANDARDS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CLEAN ROADS, ALLAY DUST, AND TAKE WHATEVER MEASURES ARE NECESSARY TO INSURE THAT THE SITE AND ALL ADJACENT PROPERTIES ARE MAINTAINED IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL TIMES.
- 8.) ALL SILT FENCING SHALL BE PROPERLY SUPPORTED BY STURDY STAKES AND WIRE FENCING AND TOED INTO EXISTING SUBSTRATE SOILS. HAYBALES SHALL BE TOED INTO EXISTING SUBSTRATE SOILS AND STABILIZED WITH STURDY STAKES (TWO PER HAYBALE). SEE ATTACHED SOIL EROSION AND SEDIMENT CONTROL DETAILS.
- 9.) UPON PROJECT COMPLETION ALL DISTURBED AREAS, OTHER THAN THOSE SPECIFIED ON SITE PLANS, SHALL BE TREATED WITH PLANTABLE SOIL THEN SEEDED WITH AN APPROPRIATE SEED MIX TO ENSURE PERMANENT SOIL STABILIZATION. ALL TEMPORARY SOIL EROSION/SEDIMENT CONTROLS (HAYBALES, SILT FENCE, ETC.) SHALL BE MAINTAINED UNTIL EXPOSED SOILS ARE SATISFACTORILY STABILIZED.

GENERAL NOTES:

1. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO OBTAIN ANY AND ALL PERMITS REQUIRED BY THE STATE AND THE MUNICIPALITY IN WHICH WORK IS BEING PERFORMED PRIOR TO START OF ANY WORK.
2. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DOCUMENT EXISTING CONDITIONS OF SURROUNDING PROPERTIES AND TO MAINTAIN THE INTEGRITY OF THE SAME. ANY DAMAGE TO AND THE COST OF REPAIR OF UTILITIES, ROADWAYS, STRUCTURES AND SURROUNDING PROPERTY SHALL BE FULLY BORNE BY THE CONTRACTOR.
3. ALL WORKMANSHIP AND MATERIALS SHALL MEET OR EXCEED THE LATEST STANDARDS OF THE MUNICIPALITY AND THE LATEST STATE STANDARDS AND SPECIFICATIONS PUBLISHED FOR ROAD AND BRIDGE CONSTRUCTION.
4. CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES, THE MUNICIPAL PUBLIC WORKS DEPARTMENT, FIRE DEPARTMENT AND THE DEPARTMENT OF TRANSPORTATION FOR VERIFICATION OF APPROVED LOCATIONS SHOWN HEREON PRIOR TO START OF CONSTRUCTION. IF ANY DISCREPANCIES ARE NOTED, THE CONTRACTOR SHALL CONTACT THIS ENGINEER IMMEDIATELY FOR A RESOLUTION.
5. THE LOCATION OF ALL EXISTING UTILITIES IS APPROXIMATE ONLY AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO START OF CONSTRUCTION.
6. CONTACT DIG-SAFE AND UTILITY COMPANIES FOR EXACT ON-SITE LOCATION OF EXISTING UNDERGROUND UTILITIES AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO START OF CONSTRUCTION.
7. CONTRACTOR SHALL OBTAIN REQUIRED INSPECTION SCHEDULE OF THE MUNICIPALITY, UTILITY COMPANIES AND ALL OTHER REQUIRED PARTIES AND SHALL STRICTLY ADHERE TO THOSE REQUIREMENTS.
8. ALL DRAINAGE PIPING SHALL BE REINFORCED CONCRETE CLASS III UNLESS OTHERWISE NOTED.
9. CONTRACTORS SHALL ADHERE TO ALL CONDITIONS OF CONSTRUCTION APPROVALS, INCLUDING BUT NOT LIMITED TO THE APPROVAL FROM THE CITY OF EAST PROVIDENCE, DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AND ANY OTHER AGENCY HAVING APPROVAL JURISDICTION OVER THE PROJECT. CONTRACTOR SHALL KEEP A COPY OF ALL APPROVALS ON-SITE DURING CONSTRUCTION. CONTRACTOR SHALL READ ALL APPROVALS PRIOR TO START OF CONSTRUCTION AND SHALL CLARIFY ANY QUESTIONS BEFOREHAND.
10. ALL SEWER WORK MUST CONFORM TO THE CITY OF EAST PROVIDENCE, RHODE ISLAND STANDARD SPECIFICATIONS AND DETAILS FOR THE INSTALLATION OF SEWERS AND APPURTENANCES BY PRIVATE DEVELOPERS.
11. ALL SEWER SERVICE LATERALS SHALL BE CAPPED OR PLUGGED. END OF LATERAL SHALL BE MARKED WITH A SIX FOOT LONG NO. 2 STEEL RE-BAR. THE PLATE SHALL EXTEND TO 12 INCHES BELOW GROUND SURFACE.

DETENTION BASIN MAINTENANCE

1. GRASSES MUST BE PLANTED AROUND AND WITHIN THE BASIN IMMEDIATELY FOLLOWING CONSTRUCTION TO STABILIZE THE SLOPES AND PREVENT EROSION.
2. SIDE-SLOPES, EMBANKMENTS, AND THE UPPER STAGE OF THE BASIN MUST BE MOWED AT LEAST ONCE DURING THE GROWING SEASON BY AUGUST 15TH. ALL TRASH AND LITTER SHALL BE REMOVED FROM THE BASINS DURING MOWING OPERATIONS.
3. SEDIMENTS MUST BE REMOVED FROM THE BASINS AT TEN YEAR INTERVALS AND AS NECESSARY.
4. THE OUTLET STRUCTURE AND ALL OUTFLOW CHANNELS MUST BE INSPECTED ANNUALLY. EXTENDED DETENTION DEVICES MUST BE INSPECTED AT LEAST TWICE A YEAR. INSPECTIONS DURING THE FIRST SIX MONTHS OF OPERATIONS MUST BE ACCOMPLISHED OFTEN, ESPECIALLY AFTER RAINFALL EVENTS.
5. THE GRASSED AREAS OF THE BASIN MUST BE INSPECTED AT LEAST TWICE PER YEAR TO CHECK FOR EROSION. PROBLEM AREAS MUST BE RESEEDING IMMEDIATELY.
6. SIDE-SLOPES, EMBANKMENTS, AND THE UPPER STAGE OF BASINS SHALL BE MOWED AT LEAST ONCE PER GROWING SEASON, TO PREVENT UNWANTED WOODY GROWTH.
7. ALL TRASH AND LITTER AND OTHER DEBRIS SHALL BE REMOVED FROM ANY STORMWATER FACILITY INCLUDING INLET AND OUTLET STRUCTURES. THIS MUST BE ACCOMPLISHED AT LEAST TWICE A YEAR, PREFERABLY SPRING AND FALL.
8. INSPECTIONS OF ALL DRAINAGE STRUCTURES ON-SITE SHALL OCCUR ON AN ANNUAL BASIS TO CHECK FOR DEBRIS REMOVAL (SEDIMENT AND HYDROCARBONS) AND STRUCTURAL INTEGRITY OR DAMAGE. SUCH DEFICIENCIES MUST BE CORRECTED IMMEDIATELY.

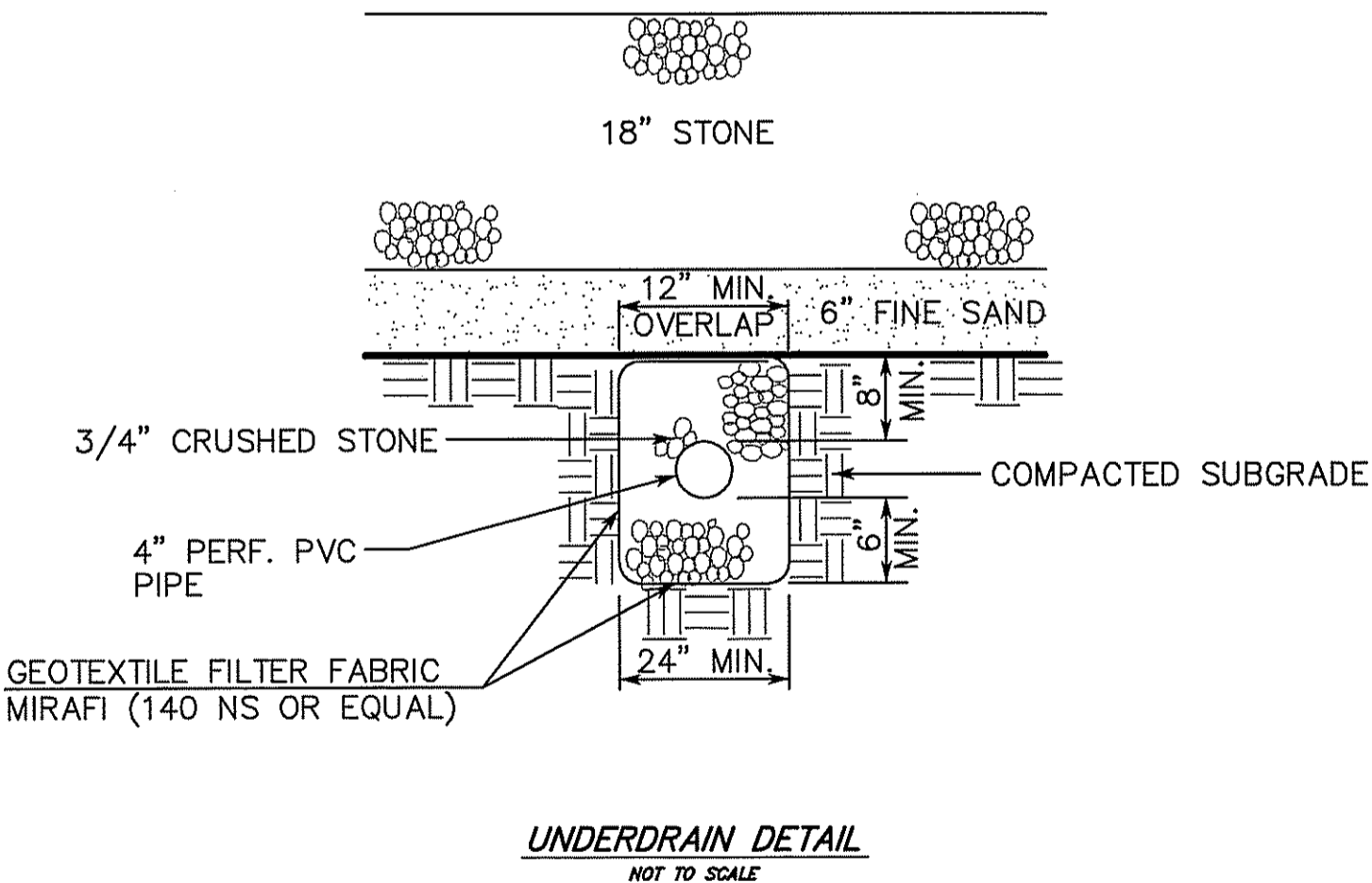
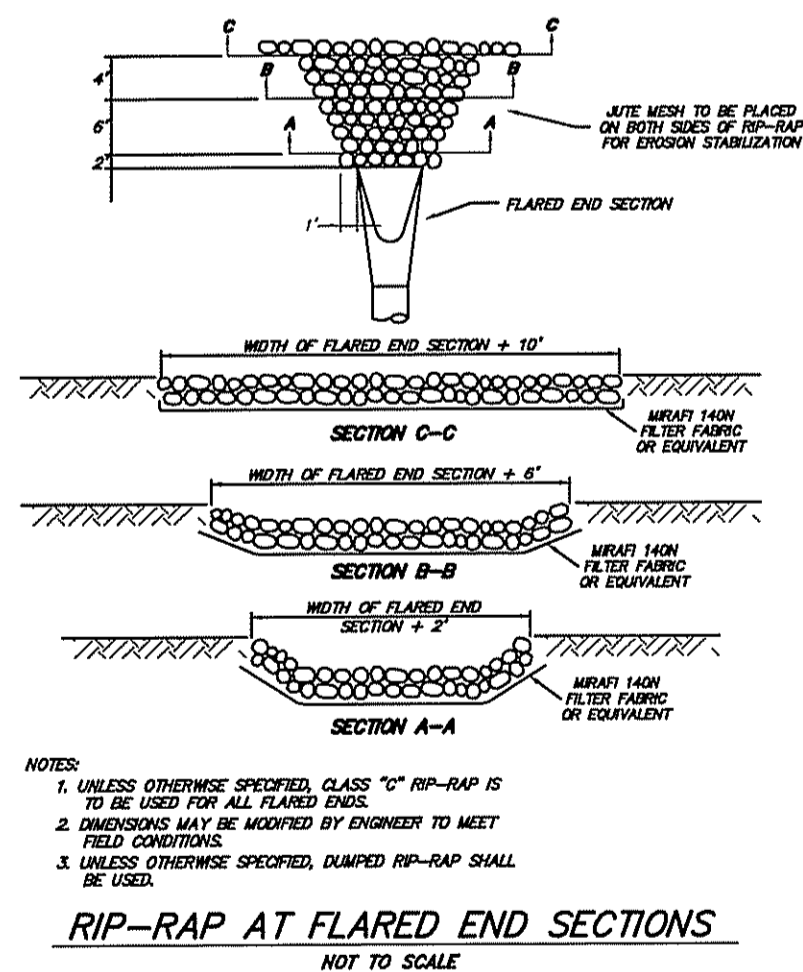
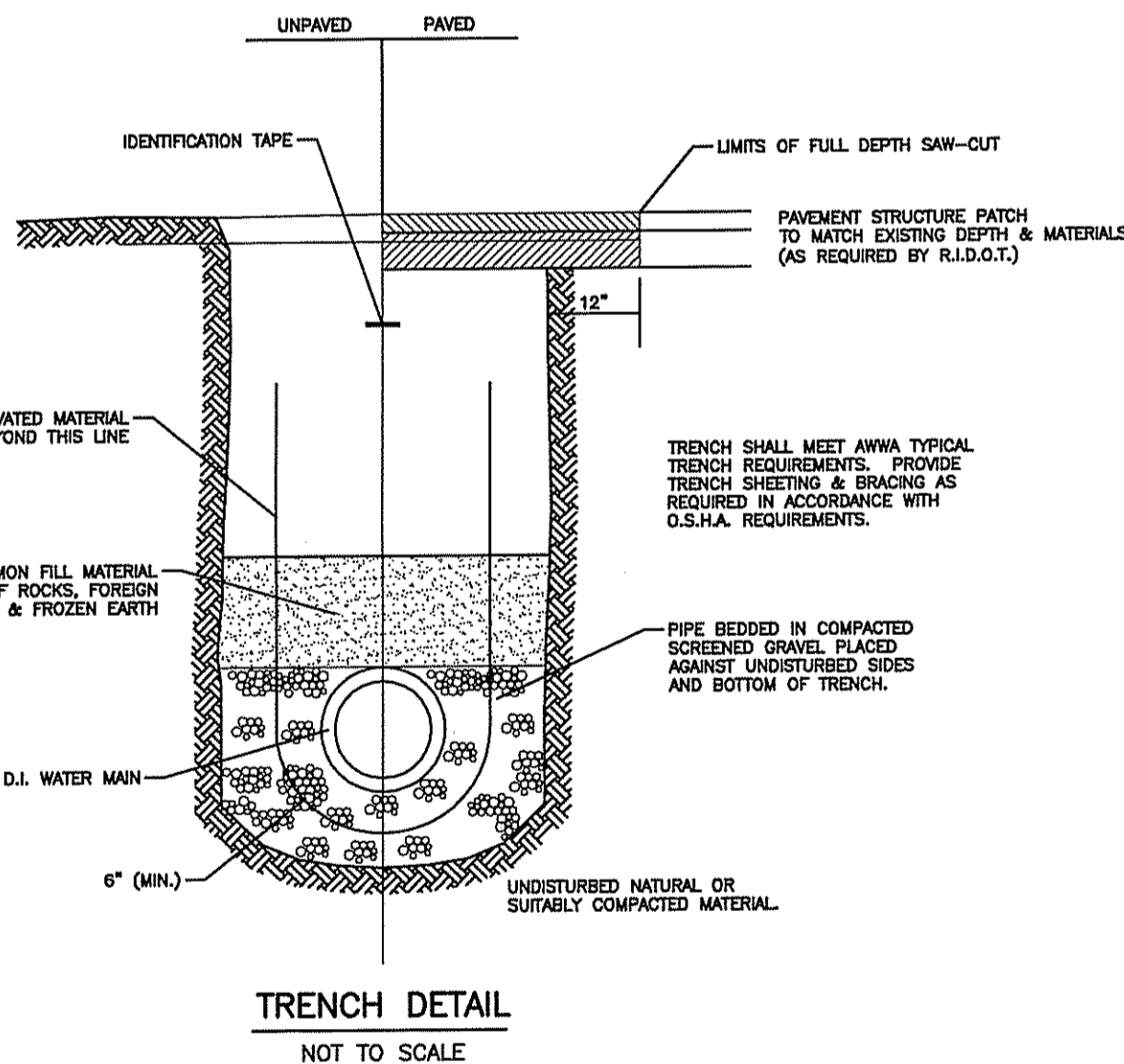
9. THE CITY OF EAST PROVIDENCE WILL BE RESPONSIBLE FOR MAINTAINING ALL SWALES, DETENTION BASIN, AND OTHER DRAINAGE STRUCTURES ON-SITE.
10. REPAIRS OR REPLACEMENT OF INLET / OUTLET STRUCTURES, RIP-RAP CHANNELS, OR OTHER ELEMENTS OF THE FACILITY MUST BE DONE WITHIN 30 DAYS OF DEFICIENCY REPORTS. IF AN EMERGENCY SITUATION IS IMMINENT THEN REPAIR / REPLACEMENT MUST BE DONE IMMEDIATELY.

DETENTION BASIN CONSTRUCTION NOTES

1. DETENTION BASIN BERM AREAS ARE TO BE CONSTRUCTED WITH COMMON BORROW COMPACTED TO 95% AND THEN LOAMED AND SEEDING.
2. TREES AND SHRUBS SHALL NOT BE PLANTED ON ANY IMPOUNDING EMBANKMENT.
3. DISTURBED AREAS ARE TO BE LOAMED A MINIMUM OF 4" AND SEEDING WITH A CONSERVATION TYPE MIXTURE.
4. ALL CONTROL PRACTICES MUST BE IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE "RI SOIL EROSION AND SEDIMENT CONTROL HANDBOOK".
5. NO WATER SHALL BE ALLOWED TO LEAVE A DETENTION BASIN UNTIL AN APPROVED STAND OF GRASS HAS BEEN ESTABLISHED.

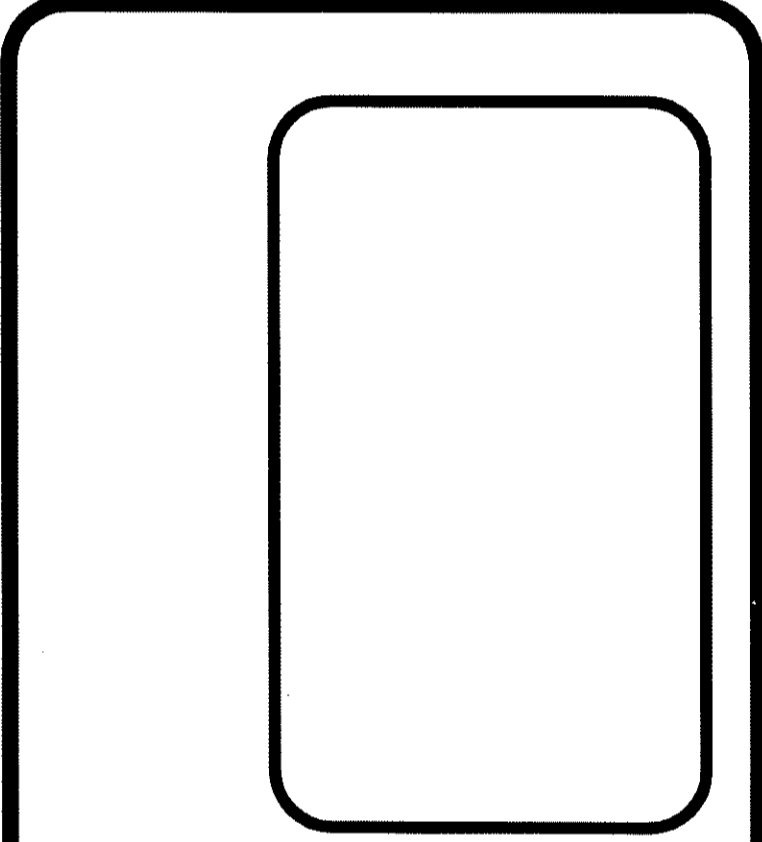
GENERAL LANDSCAPING NOTES:

1. ALL DISTURBED AREAS ARE TO BE REVEGETATED AS SOON AS POSSIBLE. ALL BANKS AND SLOPING AREAS ARE TO RECEIVE A MINIMUM OF 4" OF CLEAN TOPSOIL, THEN SEED AND FERTILIZE. LEVEL AREAS TO RECEIVE 4" MIN. OF CLEAN TOPSOIL, SEED AND FERTILIZE.
2. SEED AND SOD SHALL CONSIST OF A BLEND OF KENTUCKY BLUE GRASSES. PLANT BY SUPPLIER'S SPECIFICATIONS.
3. LIME SHALL BE APPLIED AS NECESSARY.
4. USE OF HAY OR STRAW MULCH DURING SLOPE STABILIZATION IN CONJUNCTION WITH TEMPORARY SEEDING. APPLY MULCH AT A RATE OF 75 TO 100 LBS. PER 1000 SQUARE FEET.
5. STOCKPILE ALL STRIPPED TOPSOIL FOR LATTER USE. THE LOCATION IS TO BE APPROVED BY THE TOWN ENGINEER. MULCH AND TEMPORARY SEED THE STOCKPILE.
6. REMOVE ALL ROCKS 3" OR LARGER IN PLANTING AREA.
7. ALL CLEARING SHALL CONFORM TO THE LIMITS AS SHOWN ON PLANS. CLEARING LIMITS ARE TO BE MARKED IN THE FIELD BY THE ENGINEER.



DETAIL PLAN 2
FOR
A.P. 506 LOTS 11, 11.1 & 11.2
SITUATED ON
J. MEDEIROS WAY
EAST PROVIDENCE, RI
PREPARED FOR
J. ROBERT and GEORGE PESCE

NO.	REVISION	BY	DATE



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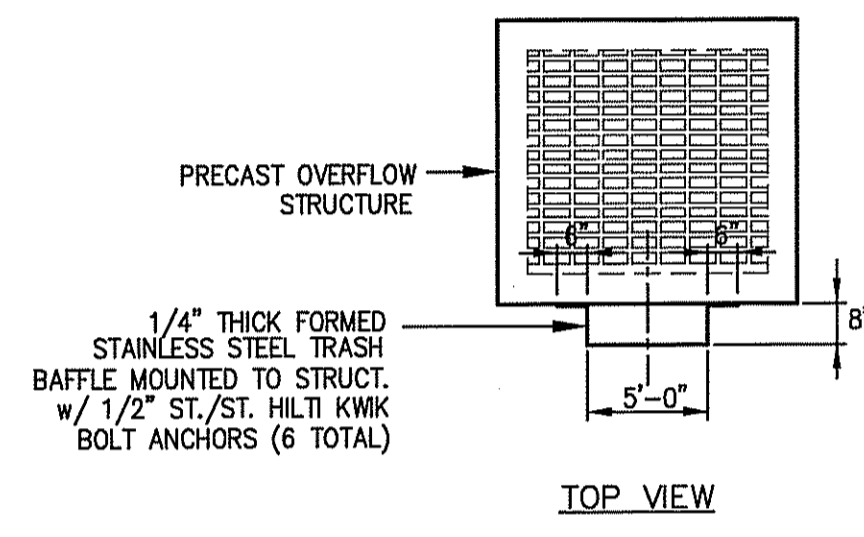
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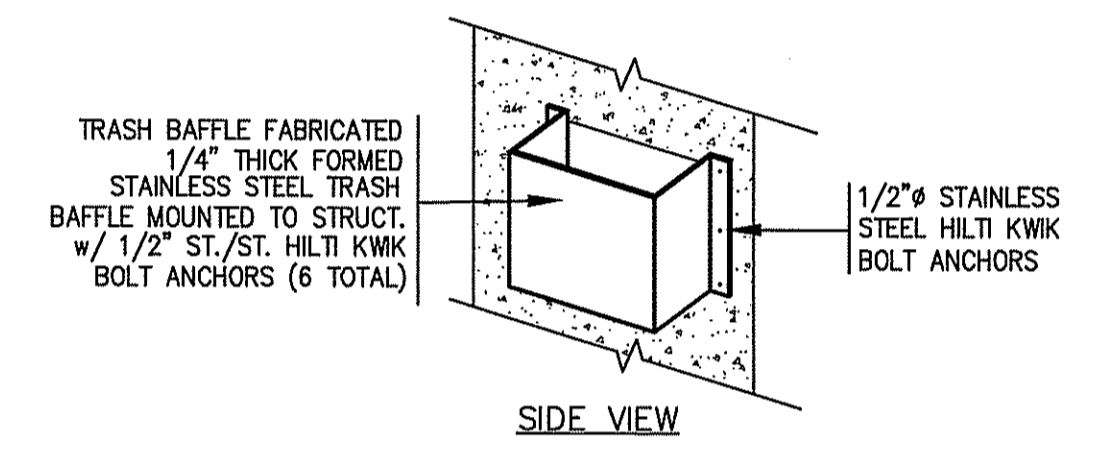
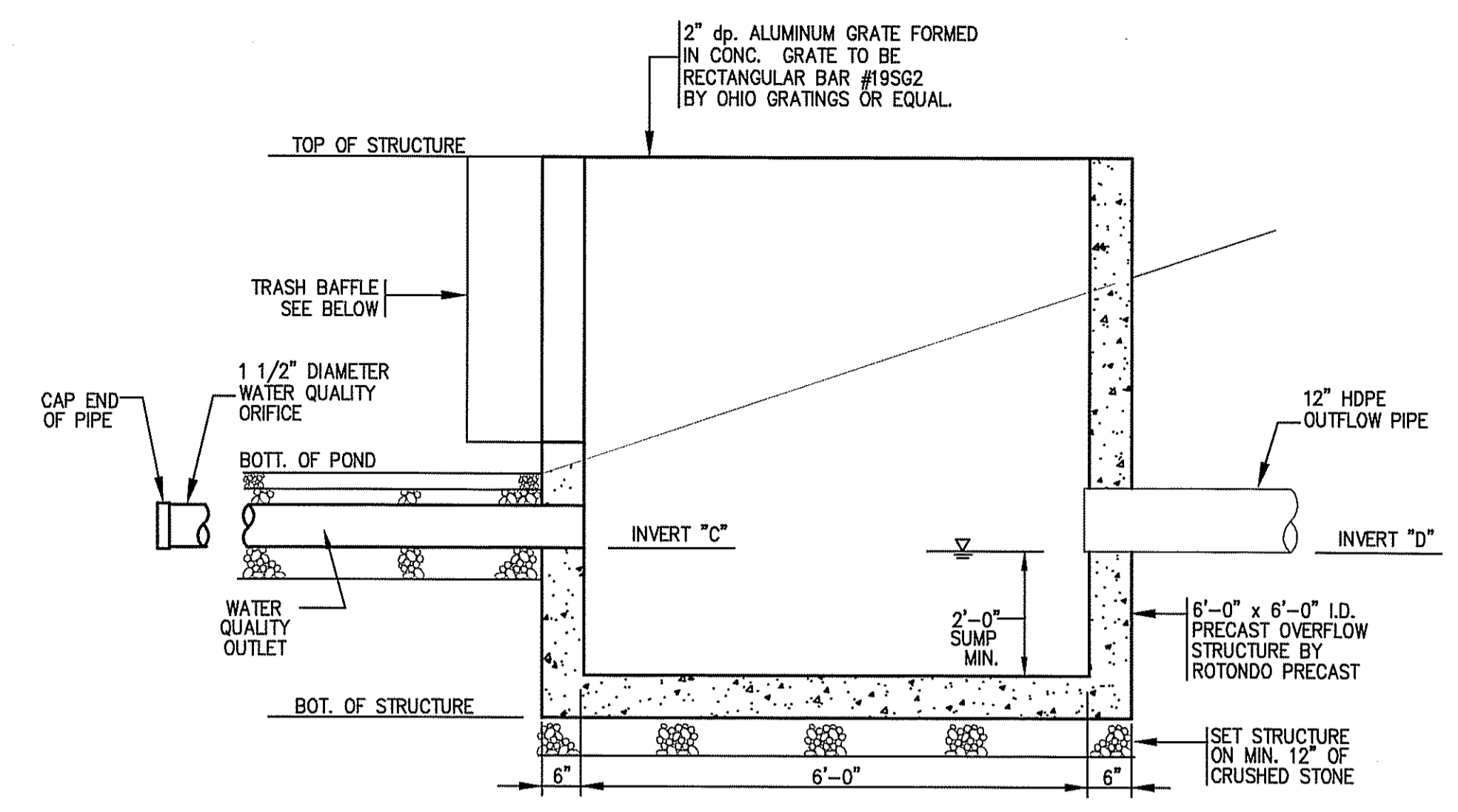
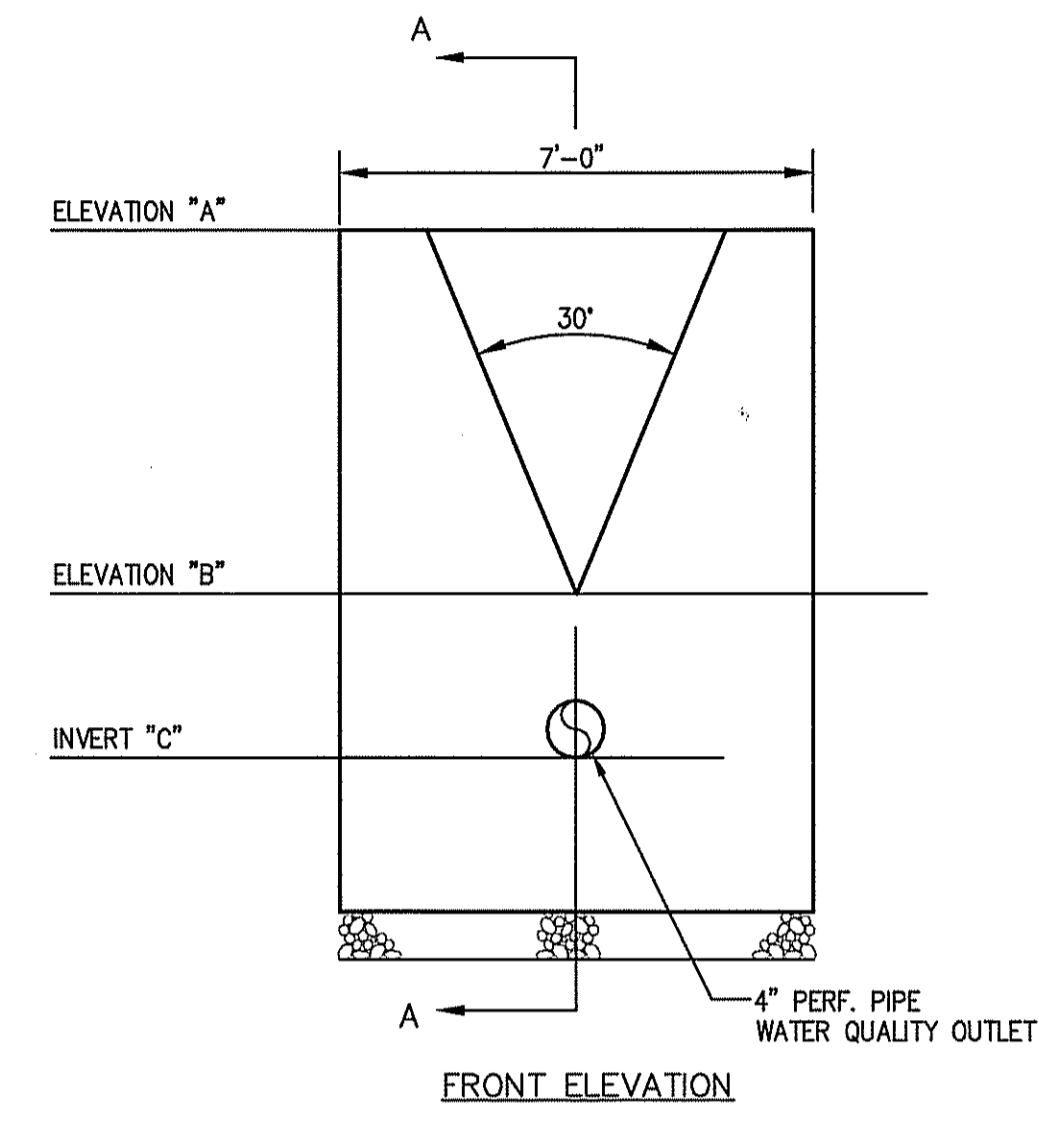
SHEET
C5
7 OF 11 SHEETS

DETAIL PLAN 3
 FOR
 A.P. 506 LOTS 11, 11.1 & 11.2
 SITUATED ON
 J. MEDEIROS WAY
 EAST PROVIDENCE, RI
 PREPARED FOR
 J. ROBERT and GEORGE PESCE

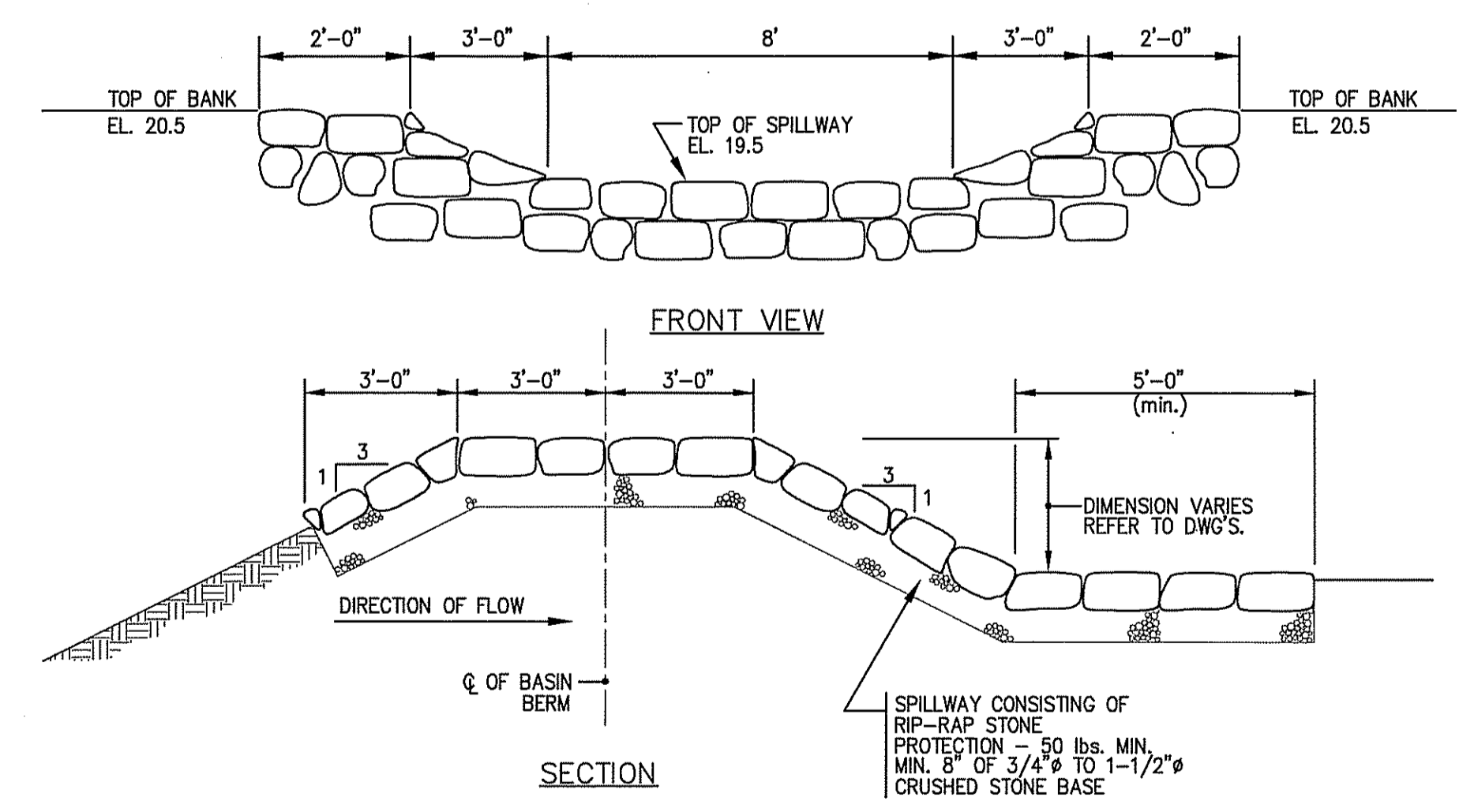
NO.	REVISION	BY	DATE



ELEVATION / INVERT	
"A"	19.50
"B"	18.00
"C"	15.00
"D"	15.00



OUTLET CONTROL STRUCTURE DETAIL
 N.T.S.



TYPICAL EMERGENCY SPILLWAY DETAIL
 N.T.S.

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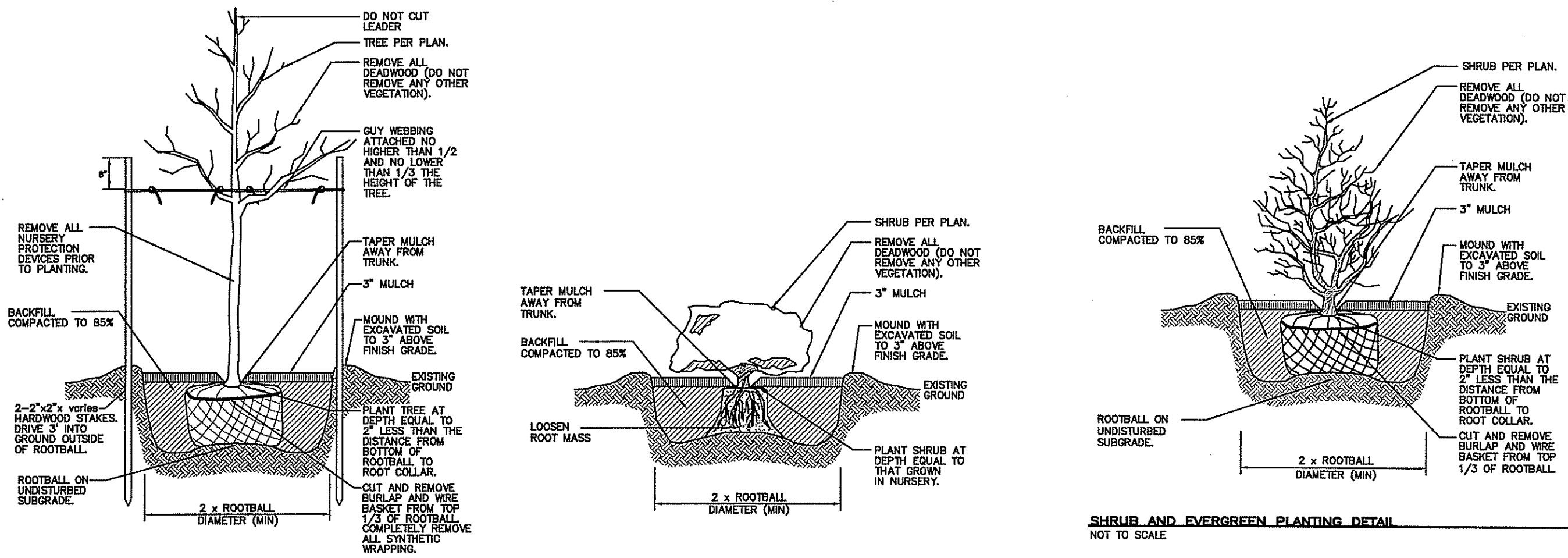
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C6

8 OF 11 SHEETS

LANDSCAPE PLAN & DETAILS
 FOR
 A.P. 506 LOTS 11, 11.1 & 11.2
 SITUATED ON
 J. MEDEIROS WAY
 EAST PROVIDENCE, RI
 PREPARED FOR
 J. ROBERT and GEORGE PESCE

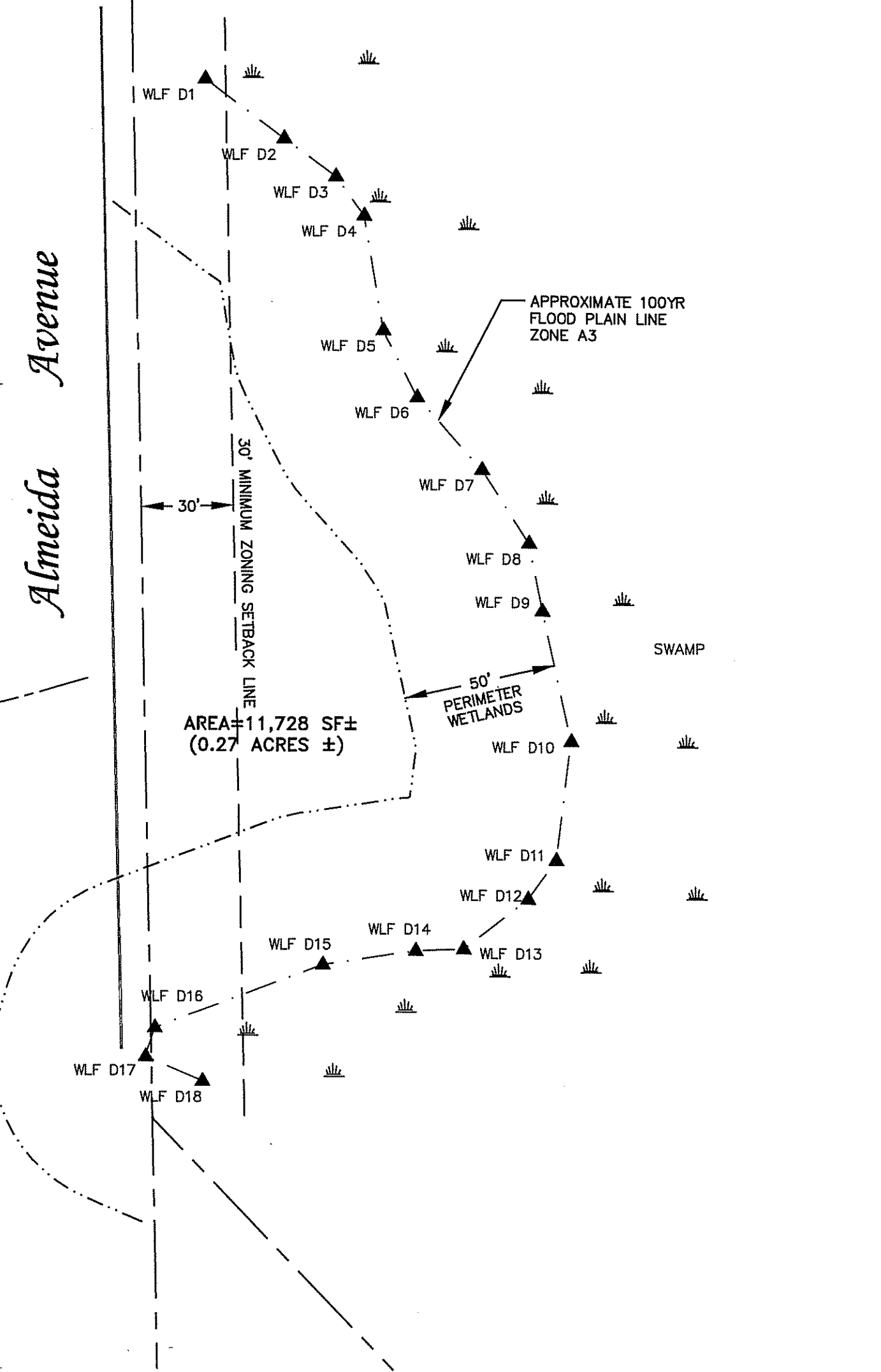
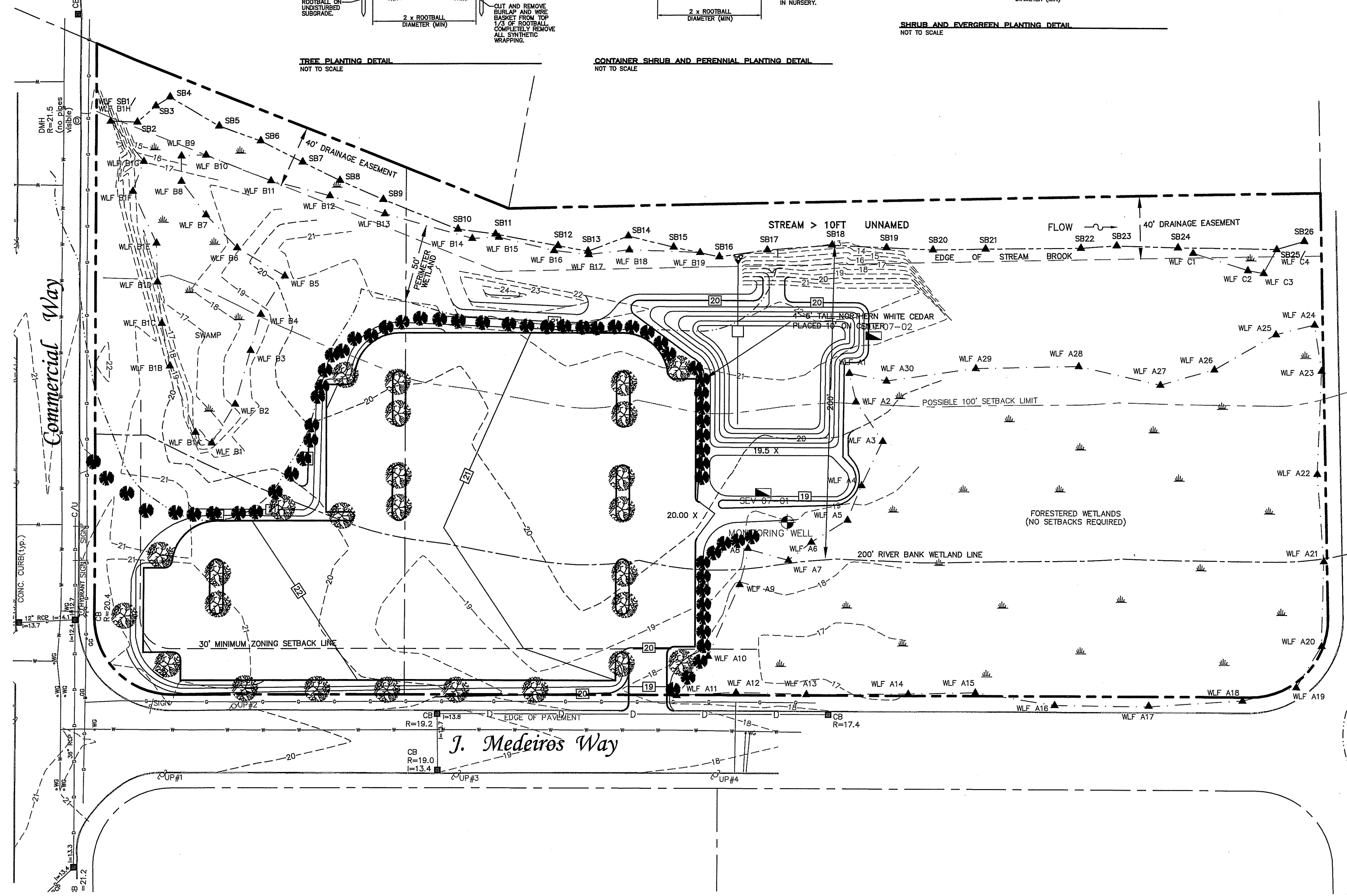
- LANDSCAPE NOTES:**
1. THE CONTRACTOR SHALL INSTALL ALL PLANT MATERIAL IN CONFORMANCE WITH THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
 2. ALL PLANT MATERIAL SHALL MEET THE AMERICAN OF NURSESMEN STANDARDS FOR NURSERY STOCK, LATEST EDITION, AND ITS AMENDMENTS. PLANT ONLY DURING SEASONS NORMAL TO THE PARTICULAR VARIETY. NO SUBSTITUTIONS SHALL BE ACCEPTED WITHOUT PRIOR APPROVAL BY THE LANDSCAPE ARCHITECT.
 3. ALL PLANT MATERIAL FURNISHED BY THE CONTRACTOR SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR. IF THE FIRST YEAR ENDS DURING THE DORMANT PERIOD, THE GUARANTEE SHALL EXTEND TO THE START OF THE NEXT LEAFING. DURING THE ONE-YEAR GUARANTEE PERIOD THE CONTRACTOR SHALL EMPLOY ACCEPTED HORTICULTURAL PRACTICES TO KEEP THE PLANTS INSTALLED IN LIVING, HEALTHY CONDITION. FOLLOWING THE ONE-YEAR GUARANTEE PERIOD THE OWNER/OWNERS SHALL INSPECT ALL PLANT MATERIAL FOR HEALTHY ORNAMENTAL QUALITY. AT THAT TIME SHOULD ANY PLANT MATERIAL BE FOUND IN INADEQUATE HEALTH THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE THE PLANT IN KIND AND PROVIDE A ONE-YEAR GUARANTEE FOR THE REPLACEMENT PLANT.
 4. INSTALL ALL PLANT MATERIAL AS SHOWN IN DETAILS.
 5. STAKE ALL TREES OVER 5' AS SHOWN ON DETAILS. REMOVE STAKES AT THE END OF THE GUARANTEE PERIOD.
 6. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE SITE CLEAN OF MISCELLANEOUS DEBRIS THROUGHOUT THE CONSTRUCTION PERIOD. ALL WASTE MATERIAL IS TO BE DISPOSED OF IMMEDIATELY TO AN OFFSET LOCATION, UNLESS OTHERWISE INDICATED ON THE PLANS.
 7. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS, AND SHALL OBTAIN ALL NECESSARY PERMITS FOR THE PROJECT.
 8. LAYOUTS: ALL NOTES AND DIMENSIONS ARE TYPICAL UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE SQUARE (PARALLEL OR PERPENDICULAR) UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL NOTIFY THE OWNER/OWNER'S REPRESENTATIVE IMMEDIATELY IN THE EVENT OF ANY DISCREPANCIES FOUND IN THE CONTRACT DOCUMENTS AND/OR IN THE FIELD, OR ON CONDITIONS UNCOVERED IN THE WORK WHICH ARE NOT REFLECTED IN THE PLANS.
 9. LOAM: LOAM MOVED DURING THE COURSE OF CONSTRUCTION SHALL BE RETAINED AND DISTRIBUTED WITHIN THE SITE IN ACCORDANCE WITH THE LANDSCAPE PLAN. STOCKED LOAM SHALL NOT BE MIXED WITH ANY SUBSOIL OR UNSUITABLE MATERIAL. ALL EXISTING LOAM REMAINS THE PROPERTY OF THE OWNER.
 10. PROTECTION OF EXISTING PLANTINGS: MAXIMUM EFFORT SHOULD BE MADE TO SAVE TREES OF OTHER PLANT SPECIMENS WHICH ARE LARGE FOR THEIR SPECIES, RARE TO THE AREA, OR OF SPECIAL HORTICULTURAL OR LANDSCAPE VALUE. CONTACT OWNER/LANDSCAPE ARCHITECT BEFORE REMOVING ANY SPECIMEN OF THIS TYPE UNLESS OTHERWISE NOTED ON THE PLANS. NO MATERIAL OR TEMPORARY SOIL DEPOSITS SHALL BE PLACED WITHIN THE DRIP LINE OF SHRUBS OR TREES DESIGNATED ON THE LANDSCAPE PLAN TO BE RETAINED. PROTECTIVE BARRIERS ARE TO BE INSTALLED AROUND EACH PLANT AND/OR GROUP OF PLANTS THAT ARE TO REMAIN ON THE SITE. BARRIERS SHALL NOT BE SUPPORTED BY THE PLANTS THEY ARE PROTECTING, BUT SHALL BE SELF SUPPORTING. THEY SHALL BE OF MINIMUM OF FOUR FEET (4') HIGH AND CONSTRUCTED OF A DURABLE MATERIAL, SUCH AS SNOW OR SILT FENCE, THAT WILL LAST UNTIL CONSTRUCTION IS COMPLETED.
 11. PRUNING: THE CONTRACTOR SHALL CAREFULLY PRUNE BRANCHES IN THE WAY OF CONSTRUCTION BY USING ONLY APPROVED METHODS AND TOOLS. THE USE OF AXES FOR TRIMMING OR SPURS FOR CLIMBING WILL NOT BE PERMITTED.
 12. UTILITIES: IN ACCORDANCE WITH DIG-SAFE LAW THE CONTRACTOR SHALL CONTACT ALL APPLICABLE UTILITY COMPANIES AND VERIFY LINE LOCATIONS (1-800-225-4977). RECORD LOCATIONS OF DIG-SAFE UTILITY LINE MARKINGS ON PROJECT RECORD DOCUMENTS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL UTILITY DAMAGE INCLUDING DAMAGE THAT MAY OCCUR TO NEW UTILITIES.
 13. DISTURBED AREAS: AREAS DISTURBED DURING THE COURSE OF CONSTRUCTION ARE TO BE RESTORED TO ORIGINAL (OR BETTER) CONDITION BY THE CONTRACTOR BEFORE COMPLETION OF THE PROJECT, AND ARE SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT AND OWNER. ALL GRASS AREAS DISTURBED DURING CONSTRUCTION SHALL BE FINE RAKED TO REMOVE STONES AND LOAMED AND SEEDED AS PER SPECIFICATIONS.
 14. DRAINAGE SYSTEMS: CONTRACTOR IS RESPONSIBLE FOR GENERAL CLEAN-OUT OF ALL CATCH BASINS, MANHOLES, AND/OR OTHER DRAINAGE FEATURES ON THE SITE WHICH HAVE ACCUMULATED SEDIMENT AS A RESULT OF CONSTRUCTION ACTIVITIES.
 15. CLEANING: CONTRACTOR IS RESPONSIBLE FOR KEEPING SITE CLEAN OF MISCELLANEOUS DEBRIS THROUGHOUT THE CONSTRUCTION PERIOD. ALL WASTE MATERIAL IS TO BE DISPOSED OF IMMEDIATELY TO AN OFF-SITE LOCATION, UNLESS OTHERWISE INDICATED ON THE PLAN.
 16. VANDALISM: ALWAYS EXPECT THE INCONCEIVABLE IN TERMS OF WHAT VANDALISM WILL OCCUR, AND TAKE MEASURES TO GUARD AGAINST IT.



TREE PLANTING DETAIL
NOT TO SCALE

CONTAINER SHRUB AND PERENNIAL PLANTING DETAIL
NOT TO SCALE

SHRUB AND EVERGREEN PLANTING DETAIL
NOT TO SCALE



1" = 40'

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SHEET

L1

9 OF 11 SHEETS

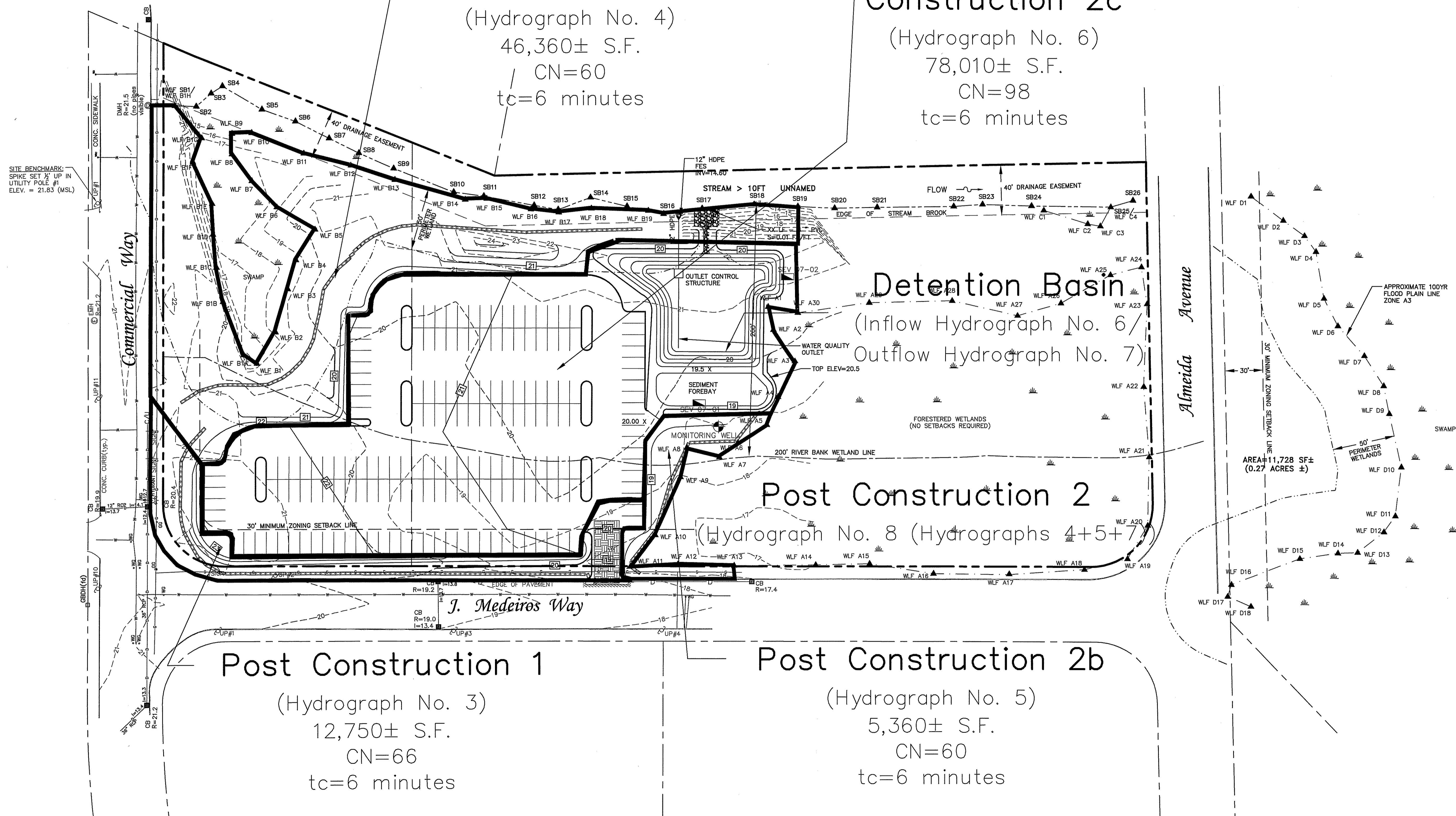


Post Construction 2a

(Hydrograph No. 4)
 46,360± S.F.
 CN=60
 tc=6 minutes

Post Construction 2c

(Hydrograph No. 6)
 78,010± S.F.
 CN=98
 tc=6 minutes



SITE BENCHMARK:
 SPIKE SET 1/2" UP IN
 UTILITY POLE #1
 ELEV. = 21.63 (MSL)

Detention Basin
 (Inflow Hydrograph No. 6/
 Outflow Hydrograph No. 7)

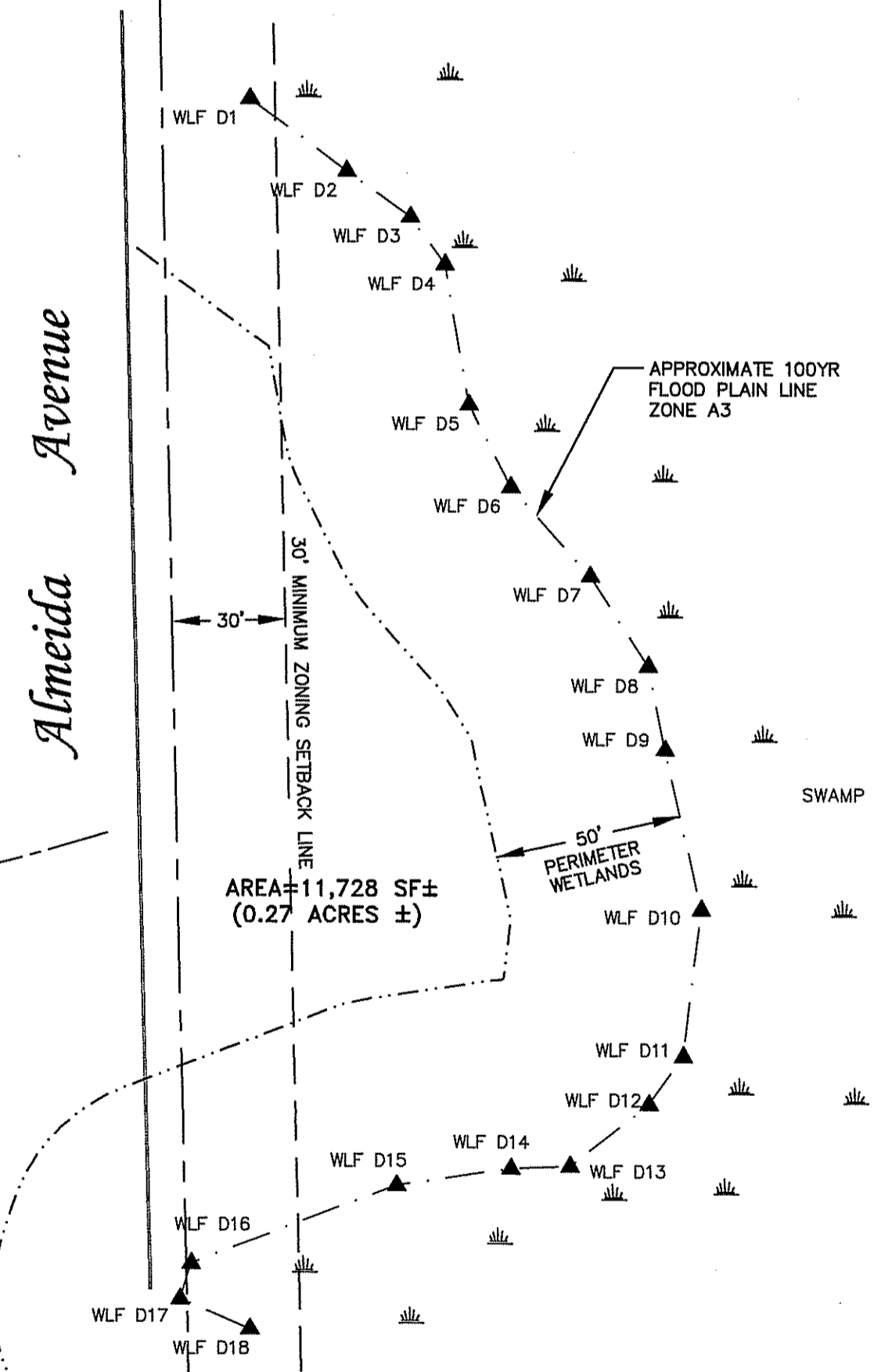
Post Construction 2
 (Hydrograph No. 8 (Hydrographs 4+5+7))

Post Construction 1

(Hydrograph No. 3)
 12,750± S.F.
 CN=66
 tc=6 minutes

Post Construction 2b

(Hydrograph No. 5)
 5,360± S.F.
 CN=60
 tc=6 minutes



PROPOSED WATERSHED MAP
 FOR
 A.P. 506 LOTS 11, 11.1 & 11.2
 SITUATED ON
 J. MEDEIROS WAY
 EAST PROVIDENCE, RI
 PREPARED FOR
 J. ROBERT and GEORGE PESCE

NO.	REVISION	BY	DATE

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SHEET
PWS1
 11 OF 11 SHEETS