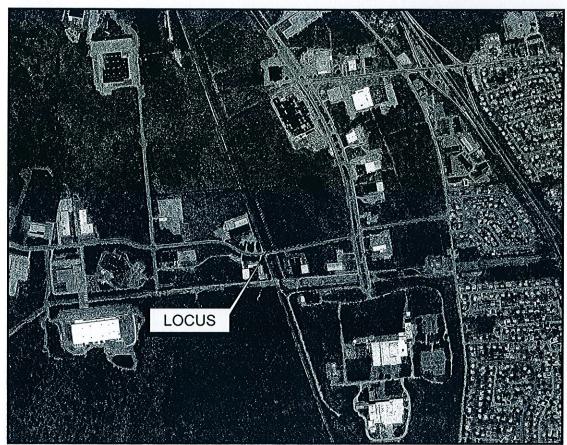
PROPOSED SITE DEVELOPMENT RAW SEAFOODS

SITE DRAWINGS

ISSUED FOR: PERMITTING DATE ISSUED: OCTOBER 8, 2015 LATEST ISSUE:

SAMUEL BARNET BOULEVARD NEW BEDFORD, MASSACHUSETTS



SCALE: 1"=600"

ENGINEER:

FIELD ENGINEERING CO., INC. 11D INDUSTRIAL DRIVE P.O. BOX 1178 MATTAPOISETT, MA 02739

APPLICANT:

RAW SEAFOODS 481 CURRANT ROAD FALL RIVER, MA 02720

OWNER:

GREATER NEW BEDFORDG INDUSTRIAL FOUNDATON 1213 PURCHASE STREET, NEW BEDFORD, MA 02740 DEPARTMENT

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136-331 ACUSHNET	COMPANY C/O SUE BRENNER

SCALE: 1"=400' PROJECT LOCATION:

135-22

ASSESSORS MAP 133 LOT 63 NEW BEDFORD, MASSACHUSETTS

PROPOSED DEVELOPMENT

MAP 133 LOT 63 SAMUEL BARNET BOULEVARD NEW BEDFORD, MA



IELD
INGINEERING
CO., INC.
CONSULTING ENGINEER

CKE 25.15 **PLANNING** OCT 09 2015 DEPARTMEN

GENERAL CONSTRUCTION NOTES

1. THE MATERIAS AND CONSTRUCTION OF ALL THE PROPOSED WITES SEEFE AND STORM MEANAGE UTILITIES SHALL CONFORM TO THE LOCAL DP.W. STANDARDS AND SECURICATIONS, LATEST EDITION. THE MATERIALS AND CONSTRUCTION FOR ALL PURPOSE EXCEPTIONS, LATEST EDITION. THE MATERIALS AND CONSTRUCTION FOR ALL PURPOSE & CATY UTILITIES SHALL CONFORM TO THE SPECIFICATIONS OF EACH RESPECTIVE FURBLE UTILITY PROVIDED FOR A CATY

ALL CONSTRUCTION MATERIALS, AS WELL AS ALL MATERIAL SHOP DRAWINGS AND MANUFACTURERS DATA SHALL RECEIVE THE WRITTEN APPROVAL OF THE LOCAL D.P.W., AND THE PROJECT ENGINEER PRIOR TO FABRICATION AND INSTALLATION.

3. THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES SHALL BE CONSIDERED APPROXIMATE AND MUST BE VERRIED BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION. UNDERGROUND UTILITIES SHOWN ARE FROM FIELD RESERVATION, AND THE BEST AVAILABLE RECORD INFORMATION AND ARE NOT WARRANTED TO BE EXACT, NOR IS IT WARRANTED THAT ALL UNDERGROUND PRES OR STRUCTURES ARE SHOWN. THE CONTRACTOR SHALL CONTACT THE RESPECTIVE UTILITY COMPANIES RELIATE TO THE LOCATION AND LETVATION OF ALL EXISTING LIVES.

THE CONTRACTOR SHALL CONTACT "DIG SAFE" AT "811", 72 HOURS PRIOR TO ANY EXCAVATION AND/OR SUBSURFACE TESTING TO INFORM THE UTILITY COMPANES OF ANY EXCAVATION.

5. WHENEVER EXISTING STRUCTURES ARE ENCOUNTERED, THE CONTRACTOR SHALL REPAIR ANY DAMAGED STRUCTURES OR REPLACE ANY REMOVED STRUCTURES, AND MAKE ANY IMPROVEMENTS ABOVE OR BELOW GRADE TO A CONDITION BETTER THAN OR EQUAL TO PREF-ENSING CONDITIONS

8. ALL EXCAVATED MATERIAL DESIGNATED FOR REUSE SHALL BE STOCKPILED ON SIE NO HIGHER THAN 8 FEET AND SHALL BE ENCLOSED BY TEMPORARY SALT FERCES TO PREVENT TRAVEL OF SEDMENT TO ADJACENT PROPERTIES OR DRAINAGE WAYS. STOCKPIES SHALL NOT BE ALLOWED MINH THE 100' WELFAND BUFFER FORM.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL WASTE MATERIAL AT AN APPROVED LOCATION BURIAL OF WASTE MATERIAL ON SITE WILL NOT PERMITTED.

8. EROSION CONTROL MEASURES SHALL REMAIN IN PLACE AND MAINTAINED IN GOOD CONDITION UNTIL SURFACE RESTORATION IS COMPLETE AND ALL AREAS DISTURBED BY THE CONTRACTORS OPERATIONS ARE STABILIZED.

9. THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTIES FROM ON SITE CONSTRUCTION ACTIVITIES AND REMOVE ANY SEDIMENT OR DEBRIS DEPOSITED THEREON IMMEDIATELY.

11. THE OWNER AND THE PROJECT ENGINEER SHALL APPROVE ALL FIELD CHANGES IN THE WORK PRIOR TO IMPLEMENTATION NO FIELD CHANGES SHALL BE MADE IN ANY SPECIFIED SITE WORK OR ANY MATERIALS FOR WHICH SHOP DEPARTMENT AND PROPOVED MINIOTIFE PROPOCE CONSULTATION OF THE OWNER AND THE SHALL BE AND THE MADE OF THE OWNER AND THE PROJECT ENGINEER SHALL BE DEED UNKCEPTABLE BY EITHER PARTY, BE PROJECTED FROM THE WORK AND THE PROJECTED TO THE OWNER.

13. THE CONTRACTOR SHALL BE RESPONSELE FOR ALL SITE PREPARATION, THE COORDINATION AND INSTALLATION OF ALL UTUATY CONNECTIONS, AND RELATED WORK INCLUDING BUT NOT LIMITED TO ALL RECESSARY SHORING, BRACING AND TRIBCH DEWLATCHING FOR THE COMPLETE INSTALLATION OF THE PROJECT FACULIES DURING CONSTRUCTION.

14. ALL OPEN EXCAVATIONS SHALL BE ADEQUATELY SAFEQUARDED IN STRICT ACCORDANCE WITH OSHA QUIDELINES AND TO THE SATISFACTION OF THE LOCAL POLICE DEPARTMENT, PROVISIONS FOR TEMPORARY BARRICARES, CAUTION SIGNS, LOHRITS AND DOTHER MEANS TO PREVENT ACCORDITA WHO DUMAGE TO PROPERTY ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE SATIRALE AND SAFE BRIDGES AND OTHER CROSSINGS FOR ACCORDANCIANT TRAVEL BY PROESTRANS AND MORROWLE, NO EXCAVATIONS SHALL REALM PORT OF ORBINGHT.

15. REFER TO CONSTRUCTION DETAIL SHEETS FOR ADDITIONAL UTILITY REQUIREMENTS AND SPECIFICATIONS. 16. THESE PLANS HAVE BEEN PREPARED SPECIFICALLY AS SUPPLEMENTAL INFORMATION TO ACCOMPANY APPLICABLE PERMIT APPLICATIONS AND ARE NOT INTENDED FOR ACTUAL CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN APPROVAL OF FIELD EXGREENING CO., INC.

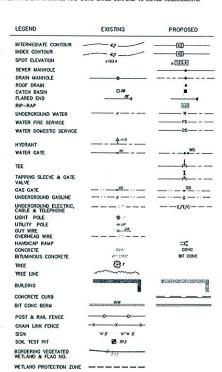
17. IN THE EVENT OF AN INCONSISTENCY BETWEEN THESE SPECIFICATIONS AND THE LOCAL D.P.W., THE LOCAL D.P.W. SPECIFICATIONS SHALL GOVERN. THE CONTRACTOR SHALL OBTAIN ALL APPLICABLE SPECIFICATIONS FROM THE LOCAL DEPARTMENT OF PUBLIC WORKS.

18. ANY MINOR MODIFICATIONS (AS DETERMINED BY THE CITY ENGINEER) TO THE INFORMATION SHOWN ON THE APPROVED SITE PLANS SHALL BE SUBMITTED TO THE CITY ENGINEER AS A MINOR PLAN REVISION FOR APPROVAL PRIOR TO THE CONTROL BEING SPECIAL.

19. ALL HANDICAP PARKING, RAMPS, AND ACCESS SHALL CONFORM TO ADA & MASSACHUSETTS ARCHITECTURAL ACCESS BOARD (AAB) REQUIREMENTS.

20. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO CONSTRUCTION. EROSION CONTROL SHALL COMPROM TO THE CITY OF NEW BEDFORD CONSERVATION COMMISSION REQUIREMENTS AS STATED IN THE ORDER OF CONDITIONS (REFER TO SITE GRADING AND LAYOUT PLAN FOR EROSION CONTROL LOCATIONS)

21. ALL PAVEMENT MARKINGS AND SIGNS SHALL CONFORM TO MUTCO REQUIREMENTS.



EROSION & SEDIMENTATION CONTROL PROGRAM

ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE EXECUTED IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS AND THE NPDES STORWHATER POLLUTION PREVENTION PLAN (SWPPP).

2. THOSE AREAS UNDERGOING ACTUAL CONSTRUCTION MILL BE LEFT IN AN UNITERATED OR UNIVEGENTED CONDITION FOR A MINIMUM TIME, AREAS SHALL BE PERMANENTLY STABLED WITHIN 15 DAYS OF FINAL GRADING AND TEMPORARY STABILIZED WITHIN 15 DAYS OF PINAL DISTURBANCE OF THE SOIL F THE DISTURBANCE IS WITHIN 100 FEET OF A WEILIAMO RESOURCE AREA. THE DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OR PRIOR TO DAY FORCASTICS STORM LEVENT.

SEDIMENT BARRIERS (SILT FENCE, HAY BARRIERS, ETC.) SHOULD BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE OF THE UPGRADIENT CONTRIBUTING DRAINGE AREA MUCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES REALER THAN BOX AFTER OCTOBER IST.

4. INSTALL SILT FENCE AT TOE OF SLOPE TO FILTER SILT FROM RUNOFF, SEE SILT FENCE DETAIL FOR PROPER INSTALLATION. SILT FENCE WILL REMAIN IN PLACE PER NOTE #5.

5. ALL EROSION CONTROL STRUCTURES WILL BE INSPECTED, REPLACED AND/OR REPARED EVERY 7 DAYS AND INAUEDIMENT FOLLOWING ANY SIGNIFICANT PANNFALL, SNOW MELT OR WHEN NO LONGER SERVICEABLE DUE TO SEDMENT DECOUNDED. DECOMPOSIVE, SEEMENT DEPOSITS SHOULD BE REMOVED ANTER EACH STORM EVENT AND WHEN THE DEPOSITS REACH APPRODUNTELY ONE HALF THE HOGHT OF THE BURNER, SEDMENT CONTROL DEVICES SHALL REMAIN IN PLACE AND BE MANTAINED BY THE CONTROLOR UNIT. AREAS UPSIGHER AS EXAMILED BY THE OR THE PROPERTY OF WHICH A STANDAY OF THE PROPERTY OF THE

6. NO SLOPES, EITHER PERMANENT OR TEMPORARY, SHALL BE STEEPER THAN TWO TO ONE (2 TO 1) UNLESS NOTED

7. IF FINAL SEEDING OF THE DISTURBED AREAS IS NOT COMPLETED 45 DAYS PRIOR TO THE FIRST KILLING FROST, USE TEMPORARY MULCH OR DORMANT SEEDING TO PROTECT THE SITE AND DELAY SEEDING UNTIL THE NEXT RECOMMENDED SESSIONS OF PRIOR

8. TEMPORARY SEEDING OF DISTURBED AREAS THAT HAVE NOT BEEN FINAL GRADED SHALL BE COMPLETED 45 DAYS PRIOR TO THE FIRST KILLING FROST TO PROTECT FROM SPRING RUNOFF PROBLEMS.

REVEGETATION MEASURES WILL COMMENCE UPON COMPLETION OF CONSTRUCTION EXCEPT AS NOTED ABOVE. ALL DISTURBED
AREAS NOT OTHERWISE STABILIZED WILL BE GRADED, SMOOTHED, AND PREPARED FOR FINAL SEEDING AS FOLLOWS:

A) THE TOPSOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS, AND SHALL BE PLACED TO A DEPTH OF FOUR (4) NORTHS ON ALL LOAM, AND SEED AREAS OR AS SPECIFIED ON THE DRAWNON ALL LOAM, AND SEED AREAS OR AS SPECIFIED ON THE DRAWNON.

8) APPLY FERTILIZER AT A RATE OF 800 LB PER ACRE OR 18.4 LB PER 1,000 SF. APPLY GROUND LIMESTONI EQUIVALENT TO 50% CALCIUM PLUS MAGNESIUM OXIDE) AT A RATE OF 3 TONS PER ACRE OR 138 LB PER

C) THE DESIGN MIX FOR SEEDING SHALL BE IN ACCORDANCE WITH THE FOLLOWING TABLE. THE SEED MIX SHALL BE INDOCULATED WITHIN TWENTY-FOUR (24) HOURS, BEFORE MIXING AND PLAYING, WITH APPROPRIATE INOCULUM FOR EACH VARETY.

LOAM AND SEED AREAS - MASSDOT SPEC M6.03.0

TYPE.
RED FESCUE
KENTUCKY 31
DOMESTIC RYE
RED TOP
LADINO CLOVER
APPLICATION RATE X BY WEIGHT 4.0 LBS./1000 S.F.

10. MAY OR STRAW MULCH SHALL BE LOOSELY SPREAD TO A UNBFORM DEPTH AT THE RATE OF 4.5 TONS PER ACRE EXCEPT OVER CERTAIN SELECTED SEEDED AREAS WHERE 2 TONS PER ACRE SHALL BE USED AS DIRECTED BY THE ENGINEER AND/OR THE PLANNING BOARD. A HORO-PERIOD OF REPORT REFER SHALL BE APPLIED FOLLOWING SELDING. A SUITABLE BROCER SUCH AS CURASOL OR RAD FLUS WILL BE USED ON HAY MULCH FOR WHIND CONTROL.

11. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED ONCE THE SITE IS STABILIZED TO THE SATISFACTION OF THE PROJECT ENGINEER AND/OR THE CONSERVATION COMMISSION.

12. ADJACENT PROPERTIES WILL BE PROTECTED WITH HAY BALES AND/OR SILT FENCING INSTALLED AS SHOWN ON THE DRAWNOS, ADDITIONAL HAY BALES OR SAVIO BAGS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE PROJECT EXPENSIVE MILEYOF THE CONSENSATION COMMISSION.

13. TEMPORARY HAY BULE EROSION CHECKS OR FILTER FABRIC GRATE INSERTS SHALL BE PROVIDED AT ALL DRAINAGE STRUCTURE BELTS DURHO CONSTRUCTION. UPON COMPLETION OF CONSTRUCTION AND SATISFACTORY STABILIZATION OF DISTURBED AREAS, THE CONTROLOGIS SHALL CLEAR ALL CACHO HESON SUMPS AND DRAIN INVESTIG.

14. THE CONTRACTOR MUST REPAIR OR RESEED ANY AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE YEAR AND SHALL DO SO AT NO ADDITIONAL EXPENSE TO THE OWNER.

15. THE NORMAL ACCEPTABLE SEASONAL SEEDING DATES ARE APRIL 1ST THROUGH JUNE 15TH AND AUGUST 15TH THROUGH

18. STOCKPILES OF TOP SOIL SHALL NOT BE LOCATED NEAR WATERWAYS. THEY SHALL HAVE SIDE SLOPES NO CREATER THAN

MULCH AND MULCH ANCHORING

RATE (1.000 S.F.)
200 POUNDS
200-275 POUNDS
200 POUNDS
AS REQUIRED
AS REQUIRED MULCH
STRAW OR HAY
SHREDDED OR CHOPPED CORNSTALKS
ANCHORED STRAW OR HAY (1)
UTE MESH OR EXCELSIOR MAT
UTE MESH OR EXCELSIOR MAT MODERATE TO HIGH VWLOCITY AREAS STEEP SLOPES GREATER THAN 3:1

(1) A HYDRO-APPLICATION OF WOOD OR PAPER FIBER MAY BE APPLIED FOLLOWING SEEDING. A SUITABLE BINDER SUCH AS CURASOL OR RMB PLUS SHALL BE USED ON HAY MULCH FOR WIND CONTROL. MULCH ANCHORING

MULCH ANCHORING MAY BE ACCOMPLISHED WITH PEG AND TWINE (1 SQ. YD/BLOCK); MULCH NETTING (PER MANUFACTURERS SPECIFICATIONS); WOOD CELLULOSE FIBER (750 LBS/ACRE); OR CHEMICAL TACK (PER MANUFACTURERS SPECIFICATIONS).

1. CONSTRUCTION ACTIMITY EXECUTED DURING THE WINTER CONSTRUCTION PERIOD BETWEEN NOVEMBER 1 THROUGH APRIL 15 SHALL BE SUBJECT TO THE FOLLOWING ADDITIONAL REQUIREMENTS.

2. WINTER EXCAVATION AND EARTHWORK SHALL BE DONE SUCH THAT NO MORE THAN 1 ACRE OF THE SITE IS WITHOUT STABILIZATION AT ANY ONE TIME.

3. EXPOSED AREA SHOULD BE LIMITED TO THAT WHICH CAN BE MULCHED IN ONE DAY PRIOR TO ANY SHOW EVENT.

4. CONTINUATION OF EARTHWORK OPERATIONS ON ADDITIONAL AREAS SHALL NOT BEGIN UNTIL THE EXPOSED SOIL SURFACE ON THE AREA BEING WORKED HAS BEEN STABILIZED SUCH THAT NO AREA IN EXCESS OF ONE ACRE IS WITHOUT EROSION CONTINUE ADDITIONAL PROPERTY.

5. AN AREA SHALL BE CONSIDERED TO HAVE BEEN STABILIZED WHEN EXPOSED SURFACES HAVE BEEN EITHER MULCHED WITH STRAW OR HAY AND ADEQUATELY ANCHORED BY AN APPROVED ANCHORING TECHNIQUE.

6. BETWEEN THE DATES OF OCTOBER 15 AND APRIL 1ST, LOAM OR SEED WILL NOT BE PERMITTED. DURBING PERIODS OF ABOVE FREEZING TEMPERATURES, THE SLOPES SHALL BE FINE GRADED AND EITHER PROTECTED WITH MULCH OR TEMPORARLY SEEDED AND MULCHED UNITL SUCH TIME AS THE FINAL TREATMENT CAN BE APPLIED.

IF THE DATE IS AFTER HOVENBER IST AND IF THE EMPOSED AREA MAS BEEN LOWIED, FINAL GRADED AND IS SMOOTH, THEN THE AREA MAY BE DOMANT SCENED AT A RATE OF 200 TO 300% HORSER THAN SPECIFIED FOR PERMANENT SCED AND THEN THE AREA MAY BE DOMANT SCENED AND THEN SECOND AND THE STATE OF CONTRIBUTION OF THE STATE AND THE

UNTIL SUCH TIME AS WEATHER CONDITIONS ALLOW DITCHES TO BE FINISHED WITH THE PERMANENT SURFACE TREATMENT, EROSION SHALL BE CONTROLLED BY THE INSTALLATION OF HAY BALE/SAND BAG CHECK DAMS.

 BETWEEN THE DATES OF NOVEMBER 1ST AND APRIL 15TH ALL MULCH SHALL BE ANCHORED BY EITHER PEG LINE, MULCH NETTING, ASPHALT EMULSION CHEMICAL, TRACK OR WOOD CELLULOSE FIBER. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL DRAINAGE WAYS WITH A SLOPE GREATER THAN 3x, for slopes exposed to direct winds, and for all other slopes greater than 8x. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES GREATER THAN 15% AFTER OCTOBER 1ST THE SAME APPLIES FOR ALL SLOPES GREATER THAN 8%.

8. ALL EROSION MITIGATION SHALL BE IN PLACE PRIOR TO ANY SOIL DISTURBANCE ACTIVITIES ON THE SITE.

DUST CONTROL NOTES DURING CONSTRUCTION

1. DUST SHALL BE CONTROLLED BY THE CONTRACTOR AS NEEDED, OR AS DIRECTED BY THE TOWN OR OWNER BY USING ONE OF THE FOLLOWING TWO METHADS:

A) WATER THE CONTRACTOR SHALL SPRAY WATER OVER EXPOSED SOIL SURFACES UNTIL MOISTENED AS NEEDED TO

B) <u>CALCIUM CHLORIDE</u> CALCIUM CHLORIDE SHOULD BE ETHER LOOSE DRY GRANULES OR FLAKES FINE ENOUGH TO FEED THROUGH A SPREADER AT A FARE THAT WILL KEEP THE SUBFACE MOST BUT NOT CAUSE POLLUTION OR PLANT DIAMAGE. CONTRACTOR SHALL NOT USE CALCIUM CHLORIDE ON STEEPER SLOPES (GREATER THAN 3:1) OR IN AREAS THAT HALL DRAIN DIRECTLY TOKAROS THE METLANDS.

2. SPECIAL CONSIDERATION FOR DUST CONTROL SHALL BE GIVEN AT ALL SITE ACCESS DRIVEWAYS TO MINIMIZE THE AMOUNT OF DUST IN THE STREETS.

3. ALTERNATIVE METHODS FOR DUST CONTROL SUCH AS THE USE OF MULCH OR SPRAY ON ADHESIVES SHALL BE REVIEWED WITH THE PROJECT ENGINEER PRIOR TO THEIR IMPLEMENTATION.

STORWWATER MANAGEMENT SYSTEM OPERATION AND MAINTENANCE PLAN

NAME AND CURRENT ADDRESS OF THE APPLICANT/OWNER

1. THE CONTRACTOR SHALL BE RESPONSBLE FOR THE PROPER INSPECTION AND MAINTENANCE OF ALL STORMMATE MANAGEMENT FACURES UNIT. SUCH THAE AS THE STORMMATER MANAGEMENT SYSTEM IS ACCEPTED BY THE OWNER. THEREVALTER THE OWNER SHALL BE RESPONSIBLE FOR THE PROPER INSPECTION AND MAINTENANCE OF THE STORMMATER FACURES IN ACCOMMANCE WITH THIS OPERATION AND MAINTENANCE PLAN AS WELL AS THE CONTINUAN CONDITIONS OF THE CERTIFICATE OF COMPULANCE ON THE PROPERTY.

ALL STRUCTURAL BEST MANGEVENT PRACTICES (BMP'S) INCLUDING SHOULD BE RISPECTED AFTER EVERY MAJOI RANFALL EVENT EXCEDENC 1.0—INCH FOR THE FIRST 6 MONTHS AFTER CONSTRUCTION TO ENSURE PROPER STABILIZATION AND CONSTRUCTION.

3. THEREAFTER, REGULAR BMP INSPECTIONS SHOULD BE CONDUCTED ACCORDING TO THE FOLLOWING SCHEDULE

BMP STRUCTURE DEEP SUMP CATCH BASINS INSPECTIONS PER YEAR WET BASIN
EXTENDED DETENTION/INFILTRATION BASIN 2 WATER QUALITY INLET PER MANUFACTURER'S SPECIFICATIONS

4. THE OWNER SHALL MANTAIN AND SUBMIT TO THE CONSERVATION COMMISSION UPON REQUEST A BUP INSPECTION REPORT TOLLOWING EACH SITE INSPECTION AS RECOMMENDED ABOVE. THE BUP INSPECTION REPORT SHALL IDENTIFY THE ORTHOO FINE OF THE ONLY CONTROL TUNDER OF THE RESPONSIBLE PARK, SPECIFIC STRUCTURES INSPECTIOS, SPECIFIC MATERIAL REQUIRED AND OBSERVATIONS AT A MINIMUM, INSPECTION REPORTS SHOULD ADDRESS THE FOLLOWING CONDITIONS WHERE APPLICABLE.

EMBANKMENT SUBSIDENCE
 EROSION
 CRACKING OF CONTANHENT BERM
 INLET/OUTLET CONDITIONS
 SEDIMENT ACCUMULATIONS
 SLOPE STABILITY

5. ACCUMULATED SAT AND SEDMENT SHOULD BE REMOVED FOUR TIMES A YEAR FOR SEDMENT FOREBAYS OR MORE PREOVENTLY IF ACCUMULATED DEPTH OF SEDMENT EXCEEDS SIX INCHES AT THE PROPOSED STONE CHECK DAMS. ACCUMULATED SIX IN SEDMENT SHOULD BE REMOVED AT LEAST ONCE A YEAR FOR DEEP SUMP CATCH BASINS OR MORE FREQUENTLY IF ACCUMULATED DEPTH OF SEDMENT EXCEEDS SIX INCHES.

7. THE DRIVEWAY AND PARKING AREAS SHALL BE SWEPT AT LEAST TWICE PER YEAR.

THE EXTENDED DETENTION/INSTITTATION BASINS, SEDIMENT FOREBAYS AND ALL LANDSCAPED AREAS SHOULD BE INSPECTED FOR TRASH ON A MONTHLY BASIS. ANY ACCUMULATED TRASH, LITTER AND DISCARDED MATERIALS SHALL BE REFUNCED.

9. SION WILL BE STOCKPILED WITHIN AND AROUND AREAS WHICH DRAIN BITO THE STORMANTER MANAGEMENT STATIL MEMORIES PROTECTIONEL. OF SHOW OBECTLY BITO THE CLEAVED OF SHOW AND KE AFTER ALL BASINS SHALL BE PROSPRIED.

11. THE EMBANKMENTS, SIDE SLOPES, AND BOTTOM AREAS OF THE SEDIMENT FOREBAYS AND EXTENDED DETERMON/ANFILTRATION BASIN AREAS SHALL BE MOWED AT LEAST TWICE ANNUALLY TO FACILITATE MAINTENANC OF THE BACKMENT.

12. AN OPERATION AND MAINTENANCE INSPECTION FORM SHALL BE DEVELOPED AND COPIES OF THE COMPLETED FORMS SHALL BE COMPILED BY THE OWNER. THESE FORMS SHALL BE AVAILABLE FOR REVIEW BY THE CONSERVATION COMMISSION UPON PROJECT.

14. THE STORM WATER BMP'S WILL BE INSPECTED ANNUALLY DURING REGULARLY SCHEDULED MID-SUMMER LANDSCAPING AND WEEDING OPERATIONS FOR INVASIVE OR UNWANTED PLANTS. IF INVASIVE SPECIES ARE FOUND THEY WILL BE PHYSICALLY UPPROVED AND REMOVED FROM THE AREA.

1. THE OWNER WILL MONITOR THE EXTENDED DETENTION/INFLITRATION BASINS, WET BASIN AND SEDWENT FOREBAYS PURSUANT TO THE RECOMMEDIATIONS OUTLINED IN THE USACE DOCUMENT TITLED THEM ENGLAND DISTRICT COMPENSATORY MIRRATION (LURDINGE "DOCUMENT, PACES 24-26 SECTION 44.7 NAMEYS SPECIES, DUE TO THE PRODUITY OF THE BMYS TO THE USITING BORDERING VEGETATED WETHAND, THE APPLICANT HAS CHOSEN A MECHANICAL CONTROL MENDAGE SPECIES WILL BE REMOVED BY HAND (PULLING, MOWING OR EXCAVATING ON-SITE). NO CHEMICAL CONTROL WILL BE UTILIZED.

2. SPECUA ATTENTION WILL BE GODD TO ASSURE THAT NONE OF THE FOLLOWING ENASINE SPECIES POPULATE THE STORM WAITER BUP'S: COMMON REED (PHRAGMETES AUSTRALIS), PURPLE LOGSESTRIFE (LYTHRUM SULCARUM), SMOOTH AND COMMON BEACHMORM (FRANGULA ANUS, REMANUS CARTHWRICH, RUSSANI AND AUTUMN CLUTE (ELAZARUS ANGUSTROLIA AND E. UMBELLATA), MULTIFLORA ROSE (ROSA MULTIFLORA), REED CAMRY-CRASS (PHAJARS) JANGOWACKA), AND APPHASE ROOMERED (PÁLLOPA APONICA).

GENERAL ABBREVIATIONS

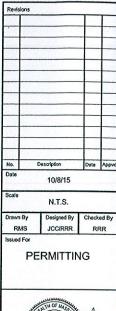
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PROFILE GRADE LINE

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FIELD ENGINEERING 11D INDUSTRIAL DRIVE P.O. BOX 1178 MATTAPOISETT, MA 02739 TEL: (508) 758-2749

THE CROCKER BUILDING 4 COURT STREET SUITE 104 TAUNTON, MA 02780 TEL: (508) 824-9279 FAX: (508) 824-9276





OPMENT DEVEL JEL BARNET BOULEVARD BEDFORD, MASSACHUSET PROPOSED SITE I

NOTES & **LEGEND**

2064 2 OF 12

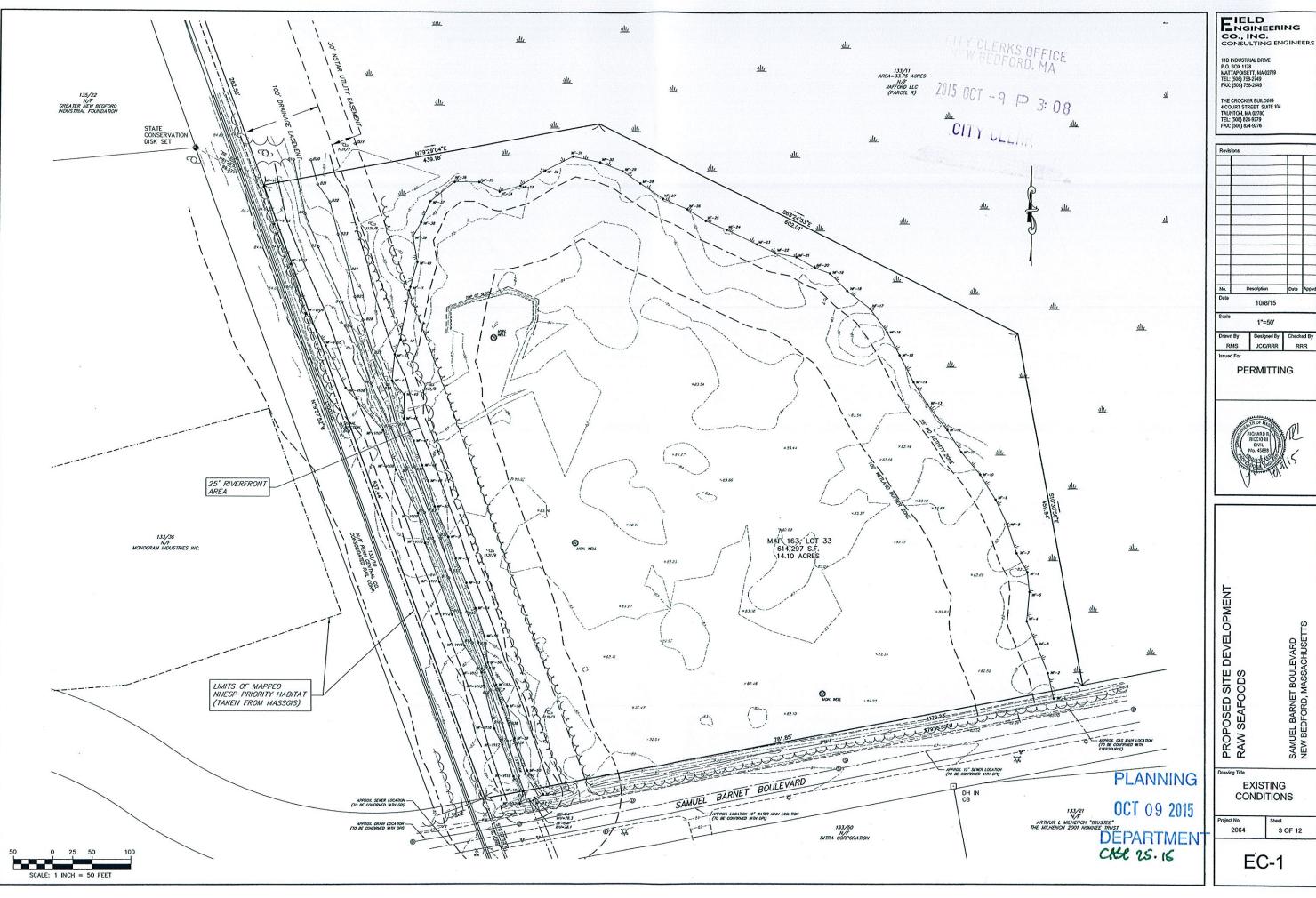
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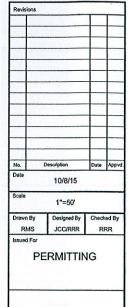
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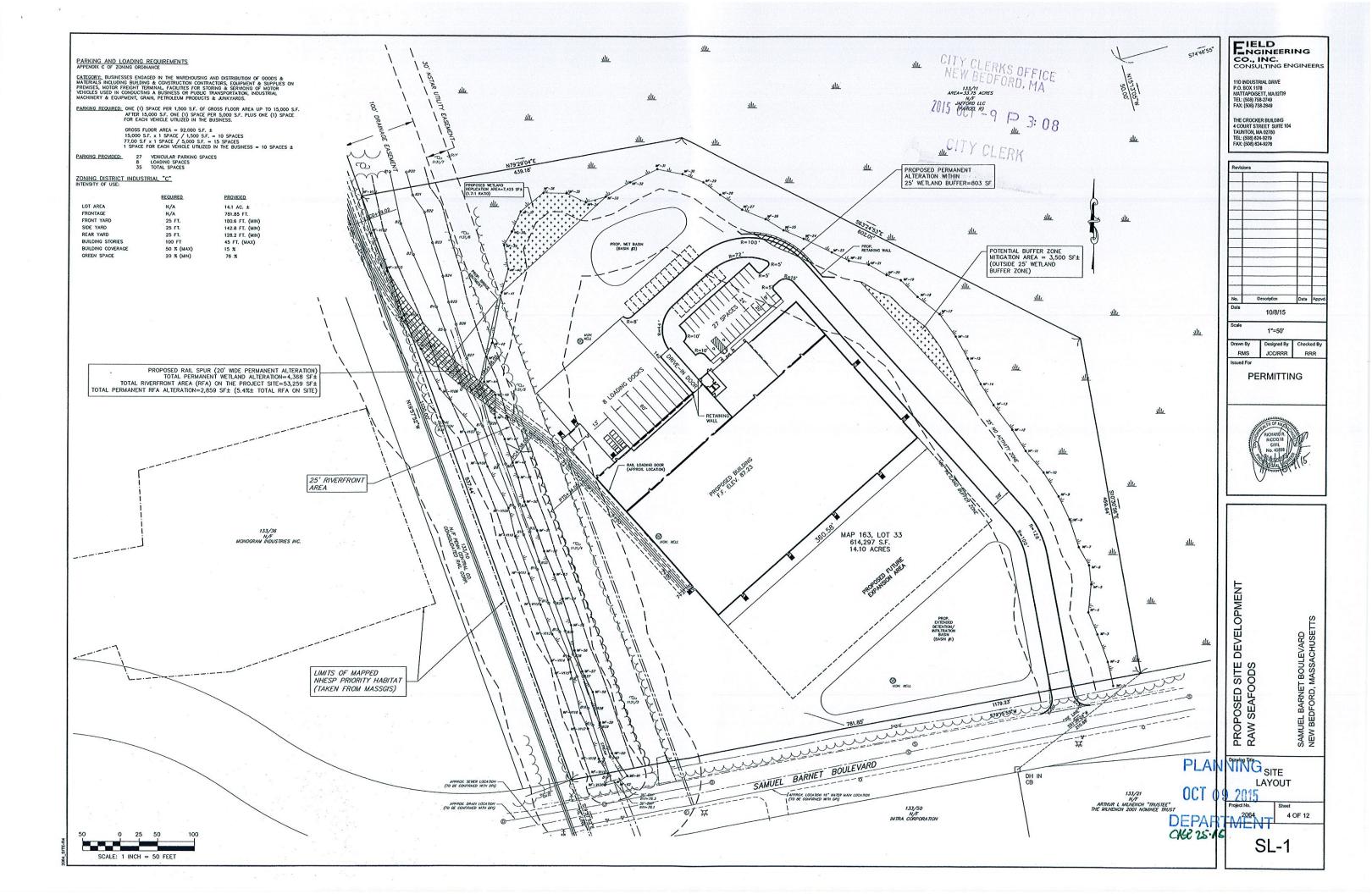
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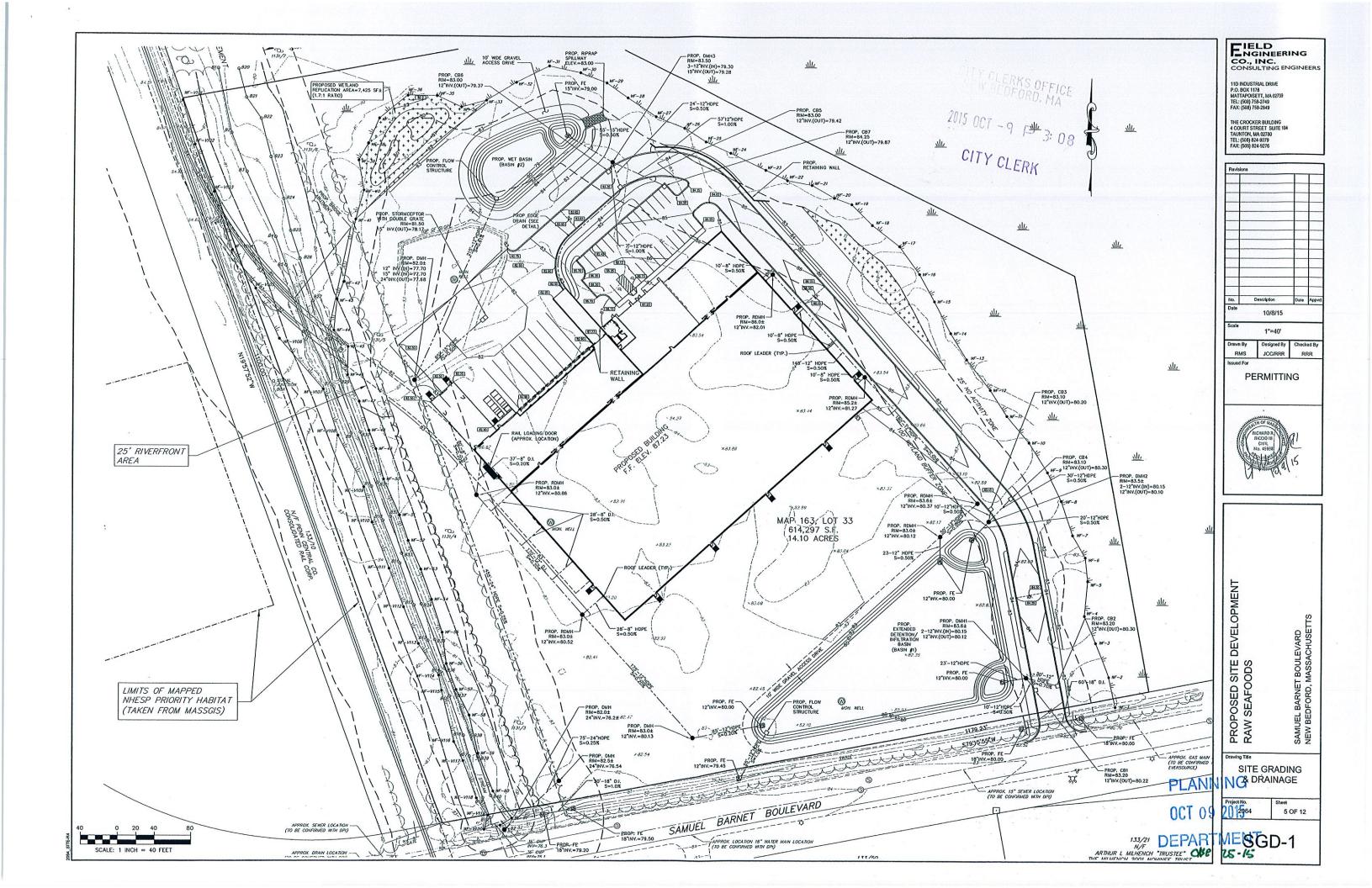
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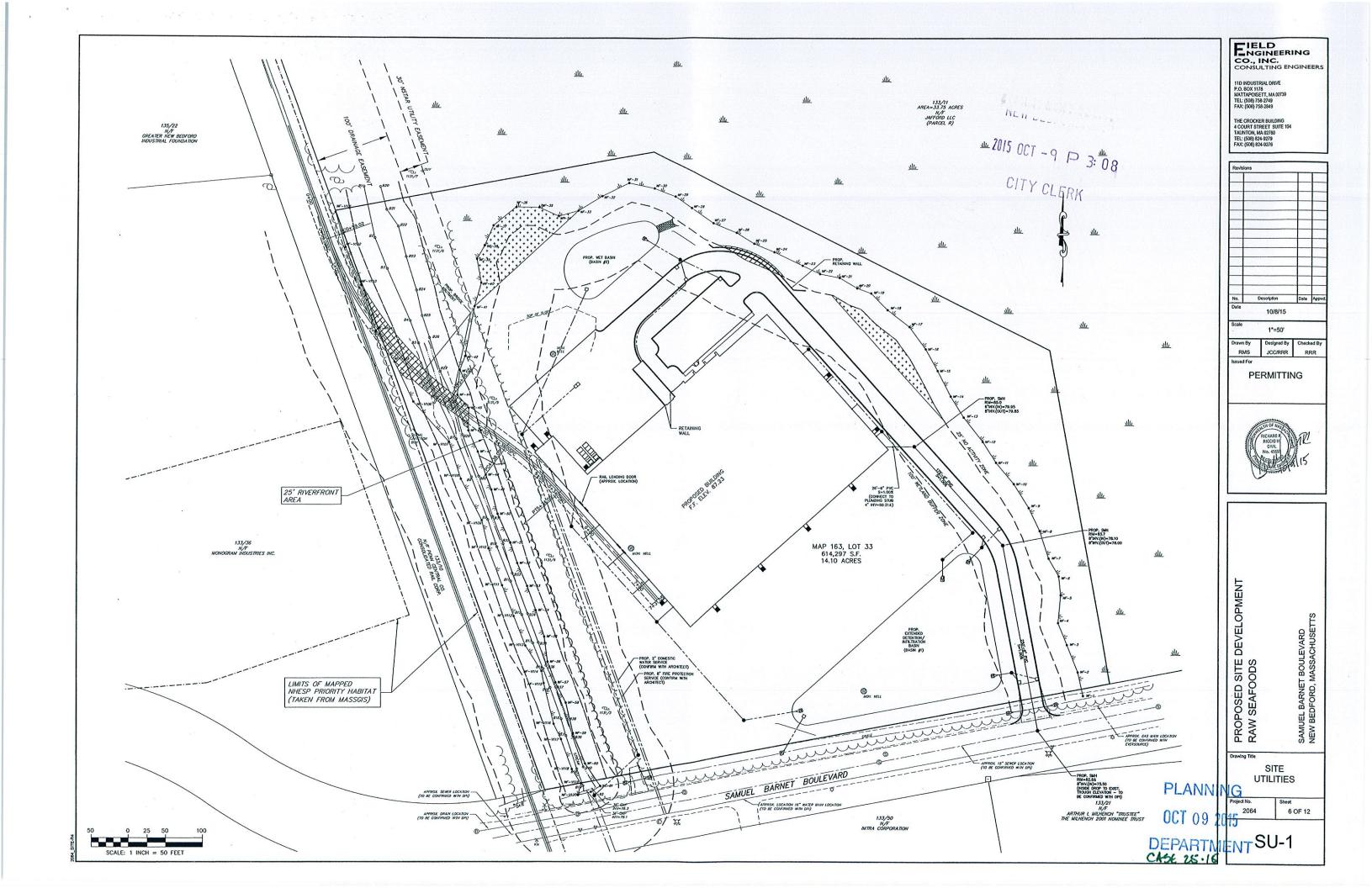


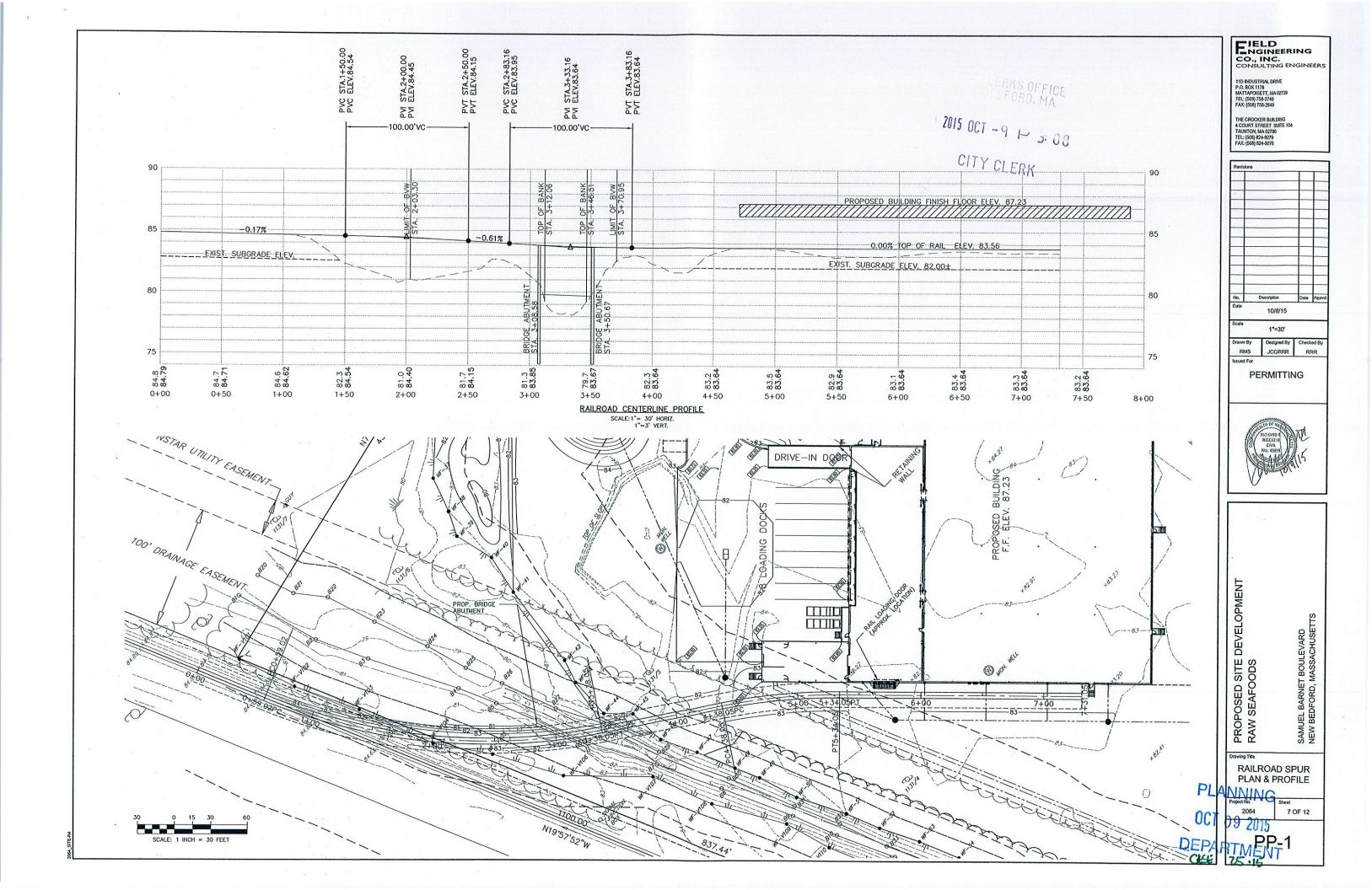














- PLANT MATERIAL SHALL BE FURNISHED AND INSTALLED AS INDICATED; INCLUDING ALL LABOR, MATERIALS, PLANTS, EQUIPMENT, INCIDENTALS, AND CLEAN-UP.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLANTING AT CORRECT GRADES AND ALIGNMENT, LAYOUT TO BE APPROVED BY OWNERS REPRESENTATIVE AND THE CONSERVATION COMMISSION PRIOR TO REPRESENTATI INSTALLATION.
- PLANTS SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY; HAVE NORMAL GROWTH HABITS; WELL DEVELOPED BRANCHES, DENSELY FOLIATED, MGOROUS ROOT SYSTEMS AND BE FREE FROM DEFECTS AND INJURIES.
- CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF PLANT MATERIAL TO THE OWNER.
- S. ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE CONTRACTOR TO BE IN VIGOROUS GROWING CONDITION, PROVISIONS SHALL BE MADE FOR A GROWTH GUARANTEE OF AT LEAST ONE YEAR FROM THE DATE OF ACCEPTANCE FOR TREES AND SHRUBS, REPLACEMENTS SHALL BE MADE AT THE BEGINNING OF THE PIRST SUCCEEDING PLANTING SEASON, ALL REPLACEMENTS SHALL HAVE A GUARANTEE EQUAL TO THAT STATED ABOVE.
- 6. INSOFAR AS IT IS PRACTICABLE, PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THIS IS NOT POSSIBLE, THE OF THE PLANTED FOR LONGER THAN A THREE DAY PERIOD SHEEN DELIVERY. ANY PLANTS NOT INSTALLED DURING THIS PERIOD WILL BE REJECTED.
- QUALITY AND SIZE OF PLANTS, SPREAD OF ROOTS, AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH ANSI 260 (REV. 1980) "AMERICAN STANDARD FOR NURSERY STOCK" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
- 8. ALL PLANTS SHALL BE PLANTED IN TRANSPORTED TOP SOIL THAT IS THOROUGHLY WAITERD AND TAMPED AS BACK FILLING PROGRESSES. PLANTING MIX TO BE AS SHOWN ON PLANTING DETAILS, RAISE AND REPLANT ANY PLANT WHICH SETTLES MORE THAN 2" AFTER PLANTING AND WATERING.
- FERTILIZER FOR WOODY PLANTS SHALL BE SLOW RELEASE, PELLITIZED AND SUITABLE FOR RELEASE UNDER SATURATED SOIL CONDITIONS, FERTILIZER SHALL BE OSMOCOTE 18-5-11, 12-14 MONTH RELEASE OR EQUAL.
- 10. PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK OR BERAK BRANCHES. PLANTS SHALL BE HANDLED FROM THE BOTTOM OF THE BALL CAN.

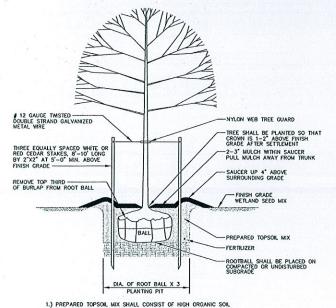
 11. PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOLI CONDITIONS ARE SUITABLE AND CORROLNS WITH ACCEPTED PRACTICE. PLANTS SHALL NOT BE HISTALED SOCIAL BY SIX A MUDDLY OF FROZEN CONDITION. ALL PLANT MATERIAL SHALL BE SPRAYED WITH "MILT-PUMP" OR EQUAL AS PER MANUFACTURER'S INSTRUCTIONS.

 12. NO PLANT, EXCEPT GROUND COVERS, SHALL BE PLANTED LESS THAN TWO FEET FROM EXISTING STRUCTURES AND SIDEWALKS.
- SET ALL PLANTS PLUMB AND STRAIGHT. LOCATE PLANT IN THE CENTER OF THE PIT.
- 14. ALL DEADWOOD, SUCKERS, AND BROKEN OR BADLY BRUISED BRANCHES SHALL BE REMOVED. CONTAINER GROWN PLANTS SHALL NOT BE THINNED.
- 15. TREES SHALL BE SUPPORTED IMMEDIATELY AFTER PLANTING, TREES SHALL BE STAKED AS SHOWN ON THE DETAIL. THE LANDSCAPE CONTRACTOR SHALL REMOVE STAKING AND GUYING AT THE END OF THE ONE YEAR MAINTENANCE AND GUARANTEE PERIOD.
- MAINTENANCE AND GUARANTEE PERIOD.

 IS NEW PLANTING AREAS SHALL BE ADEQUATELY IRRIGATED OR WATERED TO ESTABLISH THE PROPOSED PLANTS AND SEED AREAS.

 PRIOR TO THE ACCEPTANCE BY THE OWNER, THE PROPOSED LANDSCAPE AS SHOWN ON THE APPROVED PLAN MUST BE INSTALLED. INSPECTED AND APPROVED BY THE CONSERVATION COMMISSION AND THE OWNERS REPRESENTATIVE. ANY PLANTING INSTALLED IN CONFLICT WITH THESE REQUIREMENTS MUST RECEIVE THE WITTEN APPROVAL OF THE ENGINEER AND THE CONSERVATION COMMISSION PRIOR TO PLANTING. FAILURE TO COMPLY WITH THESE RECOURTEMENTS MUST REQUIRE THE REMOVAL OF THE PLANTING IN OLISTICH. THIS REQUIREMENT DOES NOT APPLY TO SEEDING OR SCHOOL OF THE PLANTING IN CUSTION. THIS REQUIREMENT DOES NOT ASPRILY TO SEEDING OR SCHOOL OF REPLANTING IN CUSTION.
- 18. REPLICATION AREAS SHALL BE TREATED WITH EIGHT (8") INCHES OF HIGH ORGANIC TOPSOR. WITH EXISTING TOPSOR! PLANTED WITH NEW ENGLAND WETMLX SEED MIX, APPLIED AT A RATE OF 1.0 LBS. PER 2,500 S.F. AS MANUFACTURED BY NEW ENGLAND WETLAND PLANTS, INC. OR EQUAL.
- THE CONSERVATION COMMISSION SHALL INSPECT AND APPROVE THE SUBGRADE EXCAVATION OF THE CONSTRUCTED WEILAND AREA PRIOR TO BACKFILLING WITH THE ORGANIC TOPSOIL FILL.
- 20. THE CONSERVATION COMMISSION AGENT SHALL INSPECT AND APPROVE THE ORGANIC TOPSOIL FILL PRIOR TO PLACEMENT WITHIN THE CONSTRUCTED WETLAND.
- 21. ANY PORTION OF THE REPLICATION WORK NOT MEETING THE APPROVED STANDARDS OR REQUIREMENTS OF THE TOWN CONSERVATION COMMISSION SHALL BE PROMPTLY REMOVED FROM THE WORK AT NO COST/EXPENSE TO THE OWNER.
- INC. UNIVER.

 22. HIGH ORGANIC SOIL SHALL BE FREE OF REFUSE, BRUSH. THE MATERIAL TO BE FURNISHED SHALL CONSIST OF A SOIL FREE OF REFUSE, BRUSH, STUMPS, ROOTS, ROCK, COBBLES, STONES, NOXIOUS WEEDS, LITTER, AND OTHER MATERIALS WHICH ARE LARGET THAN 4—INCIES IN THE GREATEST DIMENSION AND WHICH WILL PREVENT THE FORMATION OF SUITABLE SEED BED. ORGANIC MATER SHALL CONSTITUTE NOT LESS THAN 10—PERCHIT NOR MORE THAN 25—PERCENT OF THE HIGH ORGANIC SOIL AS DIFFERENT BY LOSS ON—IONITION OF OVEN DEED SAMPLES THAN THAVE BEEN DRAWN BY LOSS OF THE MICH ORGANIC SOIL ORGANIC



VF-V1C

B21

B22

B23

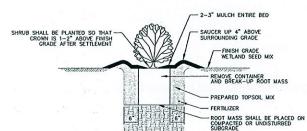
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B25

B26

1.) PREPARED TOPSOIL MIX SHALL CONSIST OF HIGH ORGANIC SOIL WITH NO LESS THAN 10% ORGANIC MATTER. ALL PLANTS SHALL BE FLODDED WITH WATER TWICE WITHIN THE FIRST TWENTY—FOUR HOUR PERIOD AFTER PLANTING.

TREE PLANTING DETAIL NOT TO SCALE

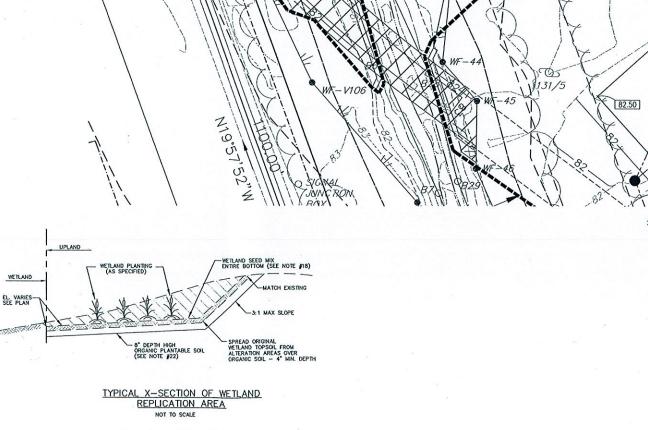


1.) PREPARED TOPSOIL MIX SHALL CONSIST OF HIGH ORGANIC SOIL WITH NO LESS THAN 10% ORGANIC MATTER. 2.) ALL PLANTS SHALL BE FLODED WITH WATER TWICE WITHIN THE FIRST TWENTY-FOUR HOUR PERIOD AFTER PLANTING.

> SHRUB PLANTING DETAIL NOT TO SCALE

PROPOSED PLANT LIST - WETLAND REPLICATION AREA

QU.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	COMMENTS
			New England Wetmix - 1.0	b/2,500 s.f.		
_	-	Carex Iurida	Lurid Sedge	-		SEED MIX
_	-	Carex scoparia	Blunt Broom Sedge	2 -	-	SEED MIX
-	-	Verbena hostata	Blue Vervain	-	-	SEED MIX
-	- "	Carex Iupulina	Hop Sedge	-	-	SEED MIX
-	-	Scirpus atrovirens	Green Bulrush	-	_	SEED MIX
-	-	Panicum rigidulum	Redtop Panic Grass	-	1 -	SEED MIX
-	-	Deschampa cespitosa	Tufted Hairgross	-	-	SEED MIX
_	-	Bidens aristosa	Tickseed Sunflower/Bur Marigold	-	-	SEED MIX
_	-	Eleocharis palustris	Creeping Spike Rush	-	-	SEED MIX
-	-	Juncus effusus	Soft Rush	-	-	SEED MIX
-	-	Carex crinita	Fringed Sedge	-	-	SEED MIX
-	-	Mimulus ringens	Square Stemmed Monkey Flower	-	-	SEED MIX
-	-	Aster puniceus	Swomp Aster	-		SEED MIX
-	-	Eupatorium perfoliatum	Boneset	-	-	SEED MIX
-	-	Glyceria canadensis	Rattlesnake Grass	-	-	SEED MIX
_	-	Asclepias incarnata	Swamp Milkweed		-	SEED MIX
-	-	Helenium autumnale	Common Sneezeweed	2-	-	SEED MIX
	-	Penthorum sedoides	Ditch Stonecrop	-	-	SEED MIX
			-			
5	Q8	Quercus bicolor	Swamp White Oak	2-2.5" Cal.	AS SHOWN	B&B
6	AR	Acer rubrum	Red Maple	2-2.5" Col.	AS SHOWN	B&B
22	VC	Vaccinium corymbosum	Highbush Blueberry	18"-24"	10-12' O.C.	CONTAINER
27	CA	Clethra anifolia	Sweet Pepperbush	18"-24"	10-12' O.C.	CONTAINER



PROPOSED WETLAND

(1.7:1 RATIO)

0 1131/6

REPLICATION AREA=7,425 SF±

-41

82.2

能

0

WELL WELL MON.

82.25

82.50

SCALE: 1 INCH = 20 FEET

PLANT LIST LEGEND

HIGHBUSH BLUEBERRY SWEET PEPPERBUSH

SWAMP WHITE OAK RED MAPLE

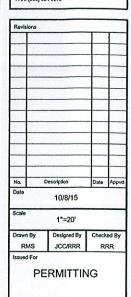
+ + + + NEW ENGLAND WETMIX

-82-

FIELD

11D INDUSTRIAL DRIVE P.O. BOX 1178 MATTAPOISETT, MA 02739 TEL: (508) 758-2749 FAX: (508) 758-2849

THE CROCKER BUILDING 4 COURT STREET SUITE 104 TAUNTON, MA 02780 TEL: (508) 824-9279 FAX: (508) 824-9276





DEVELOPMENT PROPOSED SITE I SAMUEL BARNET (NEW BEDFORD, M. WETLAND

25-15

VINREPECATION

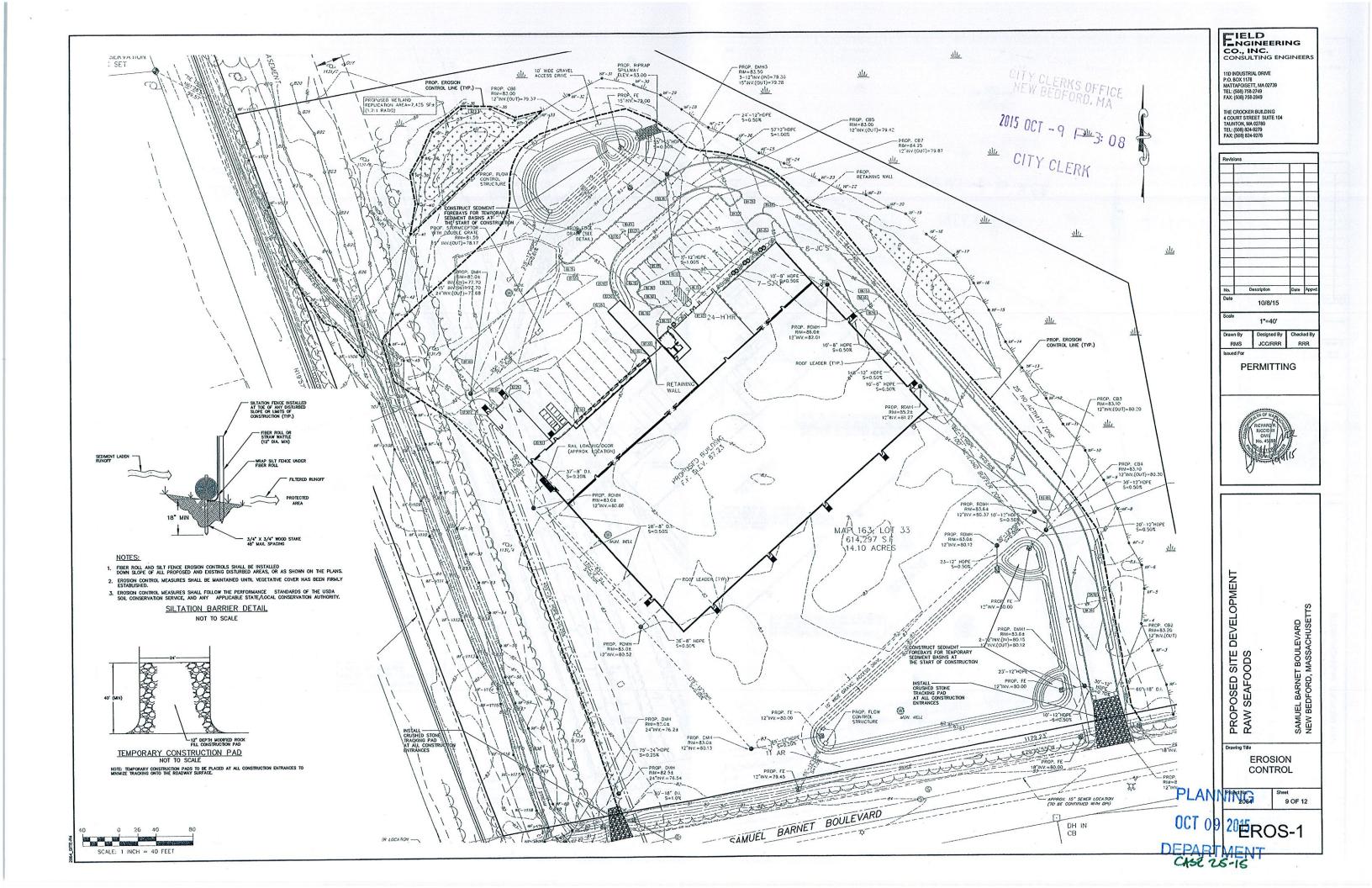
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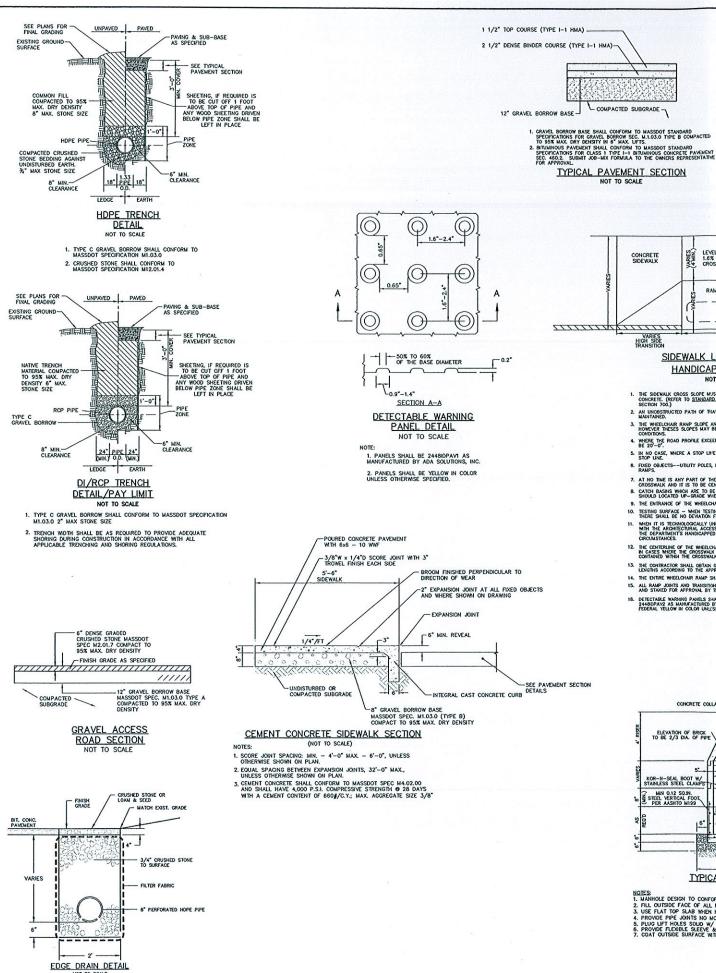
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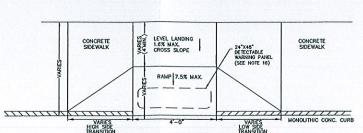
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RTMREP-1

8 OF 12







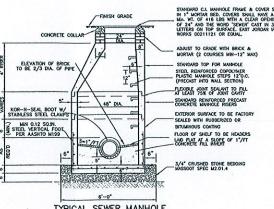
SIDEWALK LESS THAN 5'-0" HANDICAP RAMP DETAIL NOT TO SCALE

- UCTED PATH OF TRAVEL WITH A MININUM WIDTH OF 36" SHALL BE
- THE WHEELCHAIR RAMP SLOPE AND SIDE OF SLOPES (TRANSITIONS), MUST NOT EXCEED 1:12
 HOWEVER THESES SLOPES MAY BE FLATTER THAN 1:12 WHEN WARRANTED BY SURROUNDING
 COMPUTATIONS

- 6. FIXED OBJECT

- TESTING SURFACE WHEN TESTING A STRAIGHT EDGE PLACED PARALLEL TO THE LINE OF SLOPE, THERE SHALL BE NO DEVIATION FROM A TRUE SURFACE IN EXCESS OF THE 1.6% MAX. SLOPE.
- MED IT IS TECHNOLOGICALLY UNTERSIBLE TO CONSTRUCT MEELCHUR RAMPS IN COMPLIANCE MIN THE ARCHITECTURAL ACCESS BOARD'S REQUANTIONS, A VARANCE MIL NEED TO BE SUBMED FOR COMPLIANCE MIN THE ARCHITECTURAL ACCESS BOARD'S REQUANTIONS, A VARANCE MIL NEED TO BE SUBMED FOR CONTRACTED UNDER THESE

- ALL RAMP JOINTS AND TRANSITION SECTIONS WHICH DEFINE GRADE CHANGES SHALL BE FORMED AND STAKED FOR APPROVAL BY THE PROJECT ENGINEER PRIOR TO PLACING BITUMINOUS CONCRE'
- DETECTABLE WARNING PANELS SHALL BE CAST-IN-PLACE COMPOSITE PAVER UNIT MODEL NO. 24480PAV2 AS MARIFACTURED BY ADA SOLUTIONS, INC. OR APPROVED EQUAL, UNIT SHALL BE



TYPICAL SEWER MANHOLE

- NOT 10 SCALE

 1. MANHOLE DESIGN TO CONFORM TO "PRECAST CONCRETE MANHOLE SECTIONS—ASTM C478 LATEST REVISION.

 2. FILL OUTSIDE FACE OF ALL MANHOLE JOINTS W/HON SHRINK MORTAR.

 3. USE FLAT TOP SLAB WHEB HEIGHT OF CONE SECTION IS LESS THAN 3"-0".

 4. PROVIDE PIEZ JOINTS NO MORE THAN 3"-0" FROM OUTSIDE FACE OF MANHOLE.

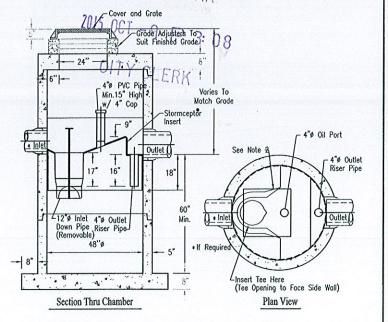
 5. PLUG LIFT HOLES SOLD W/ MASTIC.

 6. PROVIDE FLEEBUE SLEEVE & STANLESS STEEL STRAP AT ALL PIPE TO MANHOLE JOINTS.

 7. COAT OUTSIDE SURFACE WITH BITUMINOUS WATERPROOFING.

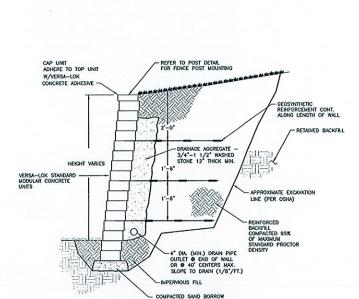
Concrete Pipe Division

STG 450 Precast Concrete Stormceptor (450 U.S. Gallon Capacity)



- 1. The Use Of Flexible Connection is Recommended at The Inlet and Outlet Where Applicable.
- 2. The Cover Should be Positioned Over The Inlet Drop Pipe and The Oil Port.
- 3. The Stormceptor System is protected by one or more of the following U.S. Patents: #4985148, #5498331, #5725760, #5753115, #5849181, #6068765, #6371690.
- 4. Contact a Concrete Pipe Division representative for further details not listed on this drawing.

Rinker 027

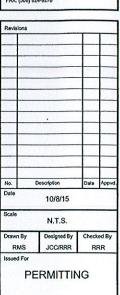


VERSA-LOK - REINFORCED RETAINING WALL MODULAR CONCRETE UNIT (OR EQUAL)
N.T.S.

EIELD NGINEERING CO., INC.

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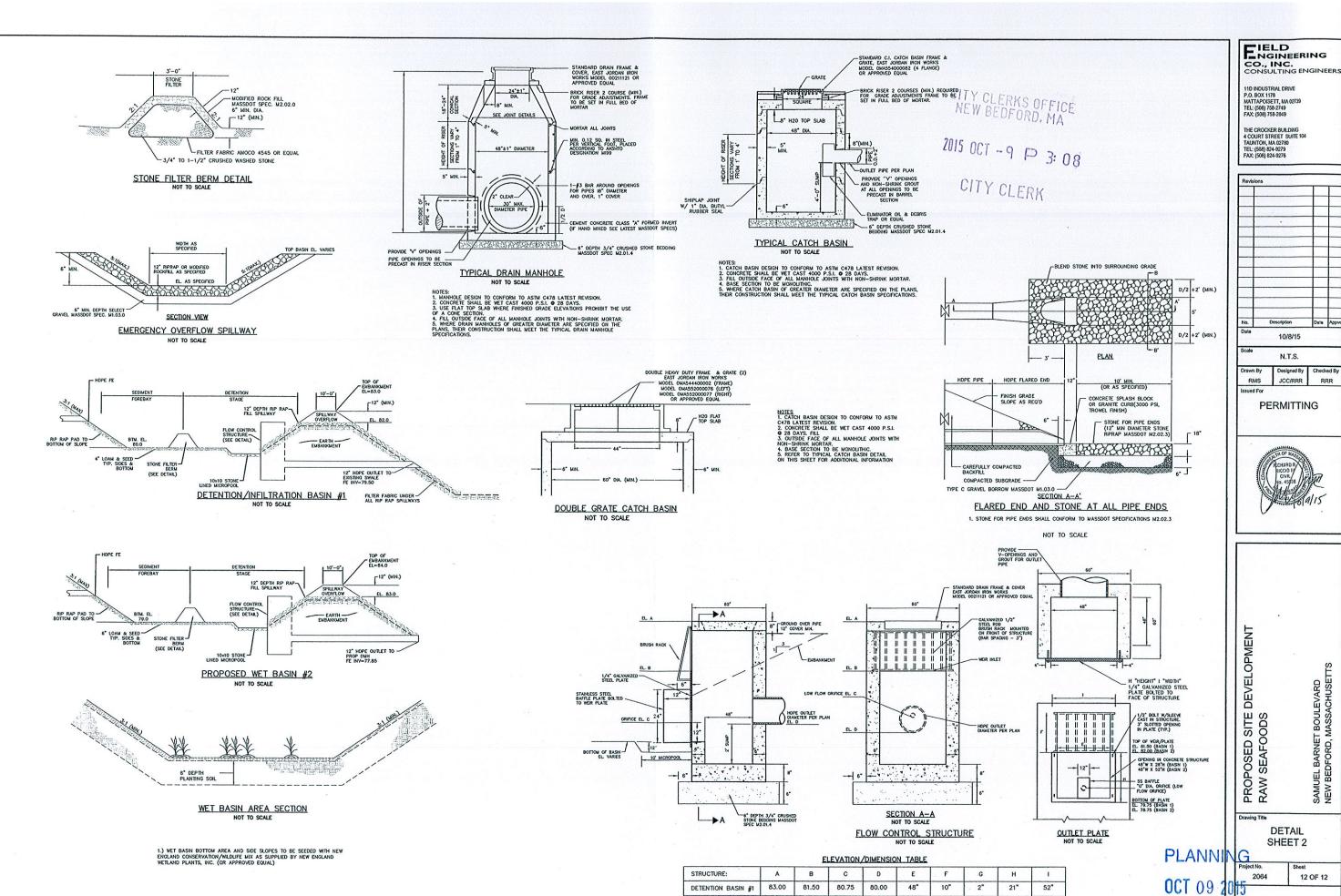


SAMUEL BARNET BOULEVARD NEW BEDFORD, MASSACHUSETTS **DEVEL**(PROPOSED SITE I DETAIL SHEET 1 PLANNING

CKSE 25.15

DEPARTMENT

11 OF 12



83.00

84.00

DETENTION WETLAND #2

81.50

82,00

80.75

79.00

80.00

79.00

48"

48"

10"

16"

2"

2"

21"

39"

52"

52"

CASE 25.15

DEPARTI