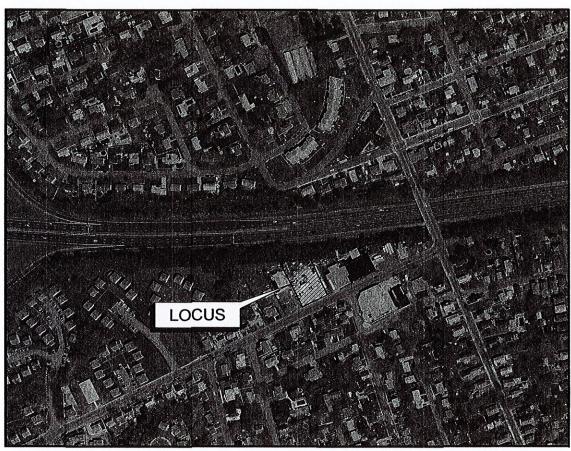
# PROPOSED SITE DEVELOPMENT HATHAWAY COLLISION CENTER

# SITE DRAWINGS

ISSUED FOR: PERMITTING DATE ISSUED: AUGUST 12, 2016 LATEST ISSUE: DECEMBER 2, 2016

**INDEX TO DRAWINGS** 

# 167 POTTER STREET NEW BEDFORD, MASSACHUSETTS



SCALE: 1"=200

# SHEET DRAWING TITLE TITLE SHEET

N-1 NOTES & LEGEND EC-1 EXISTING CONDITIONS

SL-1 SITE LAYOUT & LANDSCAPING SGU-1 SITE GRADING & UTILITIES

SEC-1 SEDIMENT & EROSION CONTROL

# INTERSTATE 195 INTERSTATE 195

----- 300' NOTIF

300' NOTIFICATION LINE
 PROJECT SITE

LOT NO.	OWNER OF RECORD			
82-4	ROBERT E. HATHAWAY TRS. & JEANNETTE HATHAWAY TRS.			
82-5	CHRISTOPHER J. DUMONT TRS. & JEFFREY M. HATHAWAY TRS			
82-6	175 POTTER STREET LLC			
82-13	TINA M. LEAHY			
82-27	PEDRO J. GONCALVES & SANDRA I. SILVA			
82-99	JULIA D. ROSA			
82-115	WEIRA SALES ANA MARIA WERA			
82-118	WILLIAM M. & MEUSSA WHELAN			
82-125	GLADYS GAJ TR. GAJ FAMILY NOMINEE TRUST			
82-133	FRANCISO L G & MARIA LURDES FERREIRA			
82-139	PAULA MANNING DECRUZ			
82-149	JEANNETTE HATHAWAY TRS. HATHAWAY FAMILY NOMINEE			
82-154	135 POTTER STREET LLC			
82-157	SCOTT D. & DONNA F. HALLMAN			
82-159	PIERRE C P & LAURA JEAN SEGUIN			
82-165	SCOTT D. & DONNA F. HALLMAN			
82-169	KATHLEEN MORRIS TRS. CAROLINE STREET REPALTY TRUST			
82-171	GLADYS GAJ TR. GAJ FAMILY NOMINEE TRUST			
82-214	NB HOUSING AUTHORITY			
82-221	WENDY PEREIRA			
82-222	KEITH R. & MICHELLE T. MILLER			
82-224	ROBERT A. FERNANDES			
82-241	JOSE & SARA MACEDO			
82-243	MARY C. & JOSEPH F. MENDONCA			
82-301	VICTOR & SARA RIVERA			
82-306	MARIA PARREIRA			
1				

### **ENGINEER:**

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

### OWNER/APPLICANT:

HATHAWAY COLLISION CENTER 175 POTTER STREET NEW BEDFORD, MA 02740

### PROJECT LOCATION:

ASSESSORS MAP 82 LOT 108 NEW BEDFORD, MASSACHUSETTS PLANNING DEC 02 2016 DEPARTMENT PROPOSED SITE DEVELOPMENT

167 POTTER STREET MAP 82 LOT 108 NEW BEDFORD, MA



# IELD INGINEERING CO., INC. CONSULTING ENGINEE

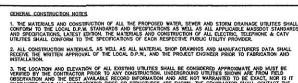
11D INDUSTRIAL DRIVE P.O. BOX 1178 MATTAPOISETT, MA 0273 TEL: (508) 758-2749

THE CROCKER BUILDING 4 COURT STREET SUITE 104 TAUNTON, MA 02780

Project No.

2097

CH10 30-16



4. THE CONTRACTOR SHALL CONTACT "DIG SAFE" AT 1-800-322-4844, 72 HOURS PRIOR TO ANY EXCAVATION AND/OF SUBSURFACE TESTING TO INFORM THE UTILITY COMPANIES 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 OF SHALL TO PART—PASSING CONDITIONS.

6. ALL EXCAVATED MATERIAL DESIGNATED FOR REUSE SHALL BE STOCKPIED ON SITE NO HIGHER THAN 8 FEET AND SHALL BE ENCLOSED BY TEMPORARY SILT FENCES TO PREVENT TRAVEL OF SEDIMENT TO ACACENT PROPERTIES OR DRAINAGE WAYS. STOCKPIES SHALL NOT BE ALLOWED WITHIN THE 100° WETLAND BUFFER ZONG.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL WASTE MATERIAL AT AN APPROVED LOCATION BURGAL 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. THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTIES FROM ON SITE CONSTRUCTION ACTIVITIES AND REMOVE AN 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 FELD CHANGES SHALL BE MADE IN ANY SPECIFIED SITE WORK OR ANY MATERIALS FOR WHICH SHOP DRAWNESS HAVE EEDS INJUSTICED AND FRONT WHITE THE PROVIDE TENDINEER, MAY CHANGES SO MADE WITHOUT THE CONSENT OF THE OWNER AND THE PROJECT ENGINEER, MAY CHANGES SO MADE WITHOUT THE CONSENT OF THE OWNER AND THE PROJECT ENGINEER.

14. ALL OPEN EXCAVATIONS SHALL BE ADEQUATELY SAFEGUARDED IN STRICT ACCORDANCE WITH OSHA GUIDELINES AND TO THE SATISFACTION OF THE LOCAL POLICE DEPARTMENT. PROVISIONS FOR TEMPORARY BARRICADES, CAUTION SIGNS, UNITS AND DIFFER MEANS TO PREVENT ACCORDETS AND DAMAGE TO PROPERTY ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE SUITABLE AND SAFE BRODES AND OTHER CROSSINGS FOR ACCOMMODISTIC TRAVEL BY PEDESTRAINS AND WORKHEIN NO EXCAVATIONS SHALL REMAIN OPEN OVERHIGHT.

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

19. ALL HANDICAP PARKING, RAMPS, AND ACCESS SHALL CONFORM TO AAB & MAAB REQUIREMENTS

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

22. THE CONTRACTOR SHALL OBTAIN A STREET DISTURBANCE & OBSTRUCTION PERMIT PRIOR TO ANY CONSTRUCTION WITHIN THE RIGHT-OF-WAY.

23. ALL WATER AND SEWER MATERIAL SHALL CONFORM TO THE CITY OF NEW BEDFORD REQUIREMENTS

24. ALL WATER AND SEMER CONSTRUCTION SHALL BE INSPECTED BY THE CITY OF NEW BEDFORD BEFORE BEIN BACKFILLED. THE CITY SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE REQUIRED INSPECTIONS.

25. ALL BMP EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO DEMOLITION OR ANY SITE WORK

EXISTING PROPOSED LEGEND -(37)---SPOT ELEVATION x 123.4 SEWER MANHOLI DRAIN MANHOLE 593 RIP-RAP UNDERGROUND WATER ----FS----WATER FIRE SERVICE WATER DOMESTIC SERVICE HYDRANT WATER GATE TEE TAPPING SLEEVE & GATE VALVE \_\_\_\_\_60\_...\_ \_\_\_\_ GAS GATE UNDERGROUND GASLINE UNDERGROUND ELECTRIC, CABLE & TELEPHONE --- --- E/T/C----UGHT POLE
UTILITY POLE
GUY WRE
OVERHEAD WRE O CE CONCRETE BITUMINOUS CONCRET 87 TREE UNE BUILDING CONCRETE CURB 808 BIT CONC BERM POST & RAIL FENCE CHAIN LINK FENCE चड चचड क्रिक्ट SOIL TEST PIT BORDERING VEGETATED WETLAND & FLAG NO. WETLAND PROTECTION ZONE ----

EROSION & SEDIMENTATION CONTROL PROGRAM

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

2. THOSE AREAS UNREDONNE ACTUAL CONSTRUCTION WILL BE LET IN AN INTERFATED OR UNREGETATED CONTROL FOR A MANUAL THAN AREAS SHALL BE FERMANDENTLY STABLEZED WITHIN 15 DAYS OF HALL GRADON AND TIATHORRHITY STABLEZED WITHIN 15 DAYS OF BITHIAL ORSTUREAURCE OF THE SOIL IF THE DISTURBANCE IS WITHIN 100 FEET OF A WEILAND RESOURCE AREA. THE DISTURBED AREAS SHALL BE STABLEZED WITHIN 10 DAYS OR PROOF OF DAY FORECASTED STORMS EVENT.

3. SEDIMENT BARRIERS (SILT FENCE, STRAW BARRIERS, ETC.) SHOULD BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE OF THE UPGRADENT CONTRIBUTING DRANNAGE AREA. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES GREATER THAN 8.0% AFTER COTOGER IS.

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.

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

. F Final seeding of the disturbed areas is not completed 45 days prior to the first killing frost, use temporary much or dormant seeding to protect the site and delay seeding until the next recommended seeding until the next recommended.

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

B) APPLY FERTILIZER AT A PATE OF 800 LB PER ACRE OR 18.4 LB PER 1,000 SF, APPLY GROUND LIMESTON EQUIVALENT TO 50% CALCIUM PLUS MAGNESIUM 0XIDE) AT A RATE OF 3 TONS PER ACRE OR 138 LB PER 1,000 S.F.

10. STRAW MULCH SHALL BE LOOSELY SPREAD TO A UNIFORM 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-APPLICATION OF WOOD OR PAPER FIRES TRAIL BE APPLIED FOLLOWING SEEDING. A SUITABLE BINDER SUCH AS CARASCI, OR RIJE PLUS WILL BE USED ON STRAW MULCH FOR WIND CONTROL.

11. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED ONCE THE SITE IS STABILIZED TO THE SATISFACTION OF

ADJACENT PROPERTIES WILL BE PROTECTED WITH STRAW BALES AND/OR SILT FENCING INSTALLED AS SHOWN ON THE DRAWINGS, ADDITIONAL STRAW BALES OR SAND BAGS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE

3. TEMPORARY STRAW BALE EROSION CHECKS OR FILTER FABRIC GRATE INSERTS SHALL BE PROVIDED AT ALL DRAINING STRUCTURE INLETS DURING CONSTRUCTION. UPON COMPLETION OF CONSTRUCTION AND SATISFACTORY STABILIZATION O INSTRUMED ARBOS, THE CONTRACTOR SHALL CLEAN ALL CATCH BASIN SHAMPS AND DRAIN INNERTS.

14. THE CONTRACTOR MUST REPAIR OR RESEED ANY AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE YEAR AI 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

16. STOCKPILES OF TOP SOIL SHALL NOT BE LOCATED NEAR WATERWAYS. THEY SHALL HAVE SIDE SLOPES NO GREATER THAT

### MULCH AND MULCH ANCHORING

(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 STRAW MULCH FOR WIND CONTROL. MULCH ANCHORING

EROSION CONTROL NOTES DURING CONSTRUCTION

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

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

2. WINTER EXCAVATION AND EARTHWORK SHALL BE DONE SUCH THAT NO MORE THAN 1 ACRE OF THE SITE IS WITH STABILIZATION AT ANY ONE TIME.

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

. Commulation 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 country profession

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

IF THE DATE IS AFTER NOVEMBER 1ST AND IF THE EXPOSED AREA MAS BEEN LOAMED, FINAL GRADED AND IS SMOOTH, THEN THE AREA MAY BE DORMANT SEEDED AT A RATE OF 200 TO 300% HIGHER THAN SPECIAED FOR PERSAMENT SEED AND THEN MUCHED. IF CONSTRUCTION CONTINUES DURING FREEZING WHATHER, ALL EXPOSED AREAS SAUL BE CONTINUENTS CRUDED BEFORE FREEZING AND THE SURFACE TRYPORARYLY PROTECTED FROM EXCISION BY THE APPLICATION OF MUICH. SLOPES SAUL NOT BE LEFT UNKNOWNED OWER THE WINTER OR ANY OTHER EXCENDED TIME OF WORK SUSPENSION UNLESS TREATED

7. 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 3%, FOR SLOPES EXPOSED TO DIRECT WINDS, AND FOR ALL OTHER SLOPES GREATER THAN 8%. 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 METHODS:

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

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

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSPECTION AND MAINTENANCE OF ALL STORMMATE MANAGEMENT FACILITIES UNTIL SUCH TIME AS THE STORMMATE MANAGEMENT SYSTEM IS ACCEPTED BY THE OWNER. HEREAFTER THE OWNER SHALL BE RESPONSIBLE FOR THE PROPER INSPECTION AND MAINTENANCE OF THE STORMMATER FACILITIES IN ACCORDANCE WITH THIS OPERATION AND MAINTENANCE FLAN AS WELL AS THE CONTINUING BOODINGONS OF THE CERTIFICATE OF COMPULANCE ON THE PROPERTY.

2. ALL STRUĞTURAL BEST MANAGEMENT PRACTICES (BMP'S) INCLUDING SHOULD BE INSPECTED AFTER EVERY MAJOR RAMFALL ĞYENT EXCEEDING 1.0—INCH FOR THE FIRST 6 MONTHS AFTER CONSTRUCTION TO ENSURE PROPER EXTERIBATION LING CONSTRUCTION

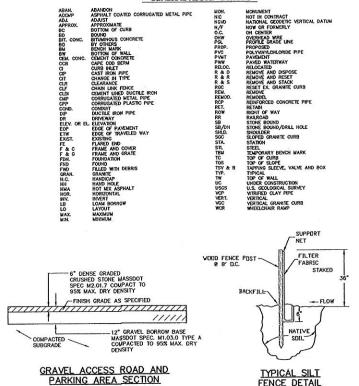
INSPECTIONS PER YEAR

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

1 1/2" DENSE BINDER COURSE (TYPE I-1 HMA) -COMPACTED SUBGRADE

GRAYEL BORROW BASE SHALL CONFORM TO MASSDOT STANDARD SPECIFICATIONS FOR GRAYEL BORROW SEC, M.1.03.0 TYPE B COMPACTED TO 95% MAX. DRY DENSITY IN 6" MAX. LETTS.

TYPICAL STANDARD PAVEMENT SECTION



GENERAL ABBREVIATIONS

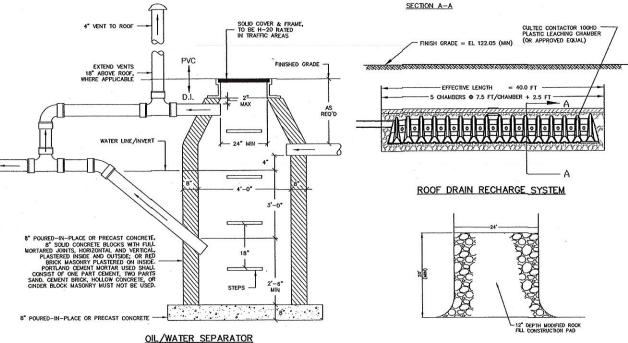
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FENCE DETAIL

TEMPORARY CONSTRUCTION PAD
NOT TO SCALE

NOTE: TEMPORARY CONSTRUCTION PADS TO BE PLACED AT ALL CONSTRUCTION ENTRANCES POTTER STREET TO MINIMIZE TRACKING OF MATERIAL ONTO THE PUBLIC WAY

CULTEC CONTACTOR 100HD PLASTIC LEACHING CHAMBER FILTER FARRIC 12"(MIN) CHAMBER EL = 119.5 TOTAL BED WIDTH 8'-6" (2 CHAMBERS WIDE)



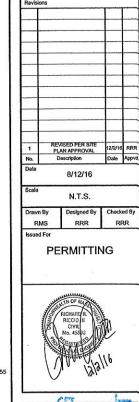
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OWNER SHALL PROVIDE AGREEMENT FOR THE REGULAR MAINTENACE OF OIL/WATER SEPARATOR TO CITY OF NEW BEDFORD DEPARTMENT OF PUBLIC INFRASTRUCTURE FOR THEIR RECORDS.

1. STRUCTURE SHALL BE SET ON MIN. 12" CRUSHED STONE BEDDING.
2. STRUCTURE SHALL BE GRANULAR FILL BACKFILED.
3. PRECAST CONCRETE UNITS PER ASTM C478 (LATEST) AND MIN. 0,12 SQ. IN. STELL
PER VERTICAL FOOT PER AASHTO M199 ALLOHED DNLY BY SHOP DNG. APPROVAL

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

THE CROCKER BUILDING TAUNTON, MA 02780 FAX: (508) 824-9276



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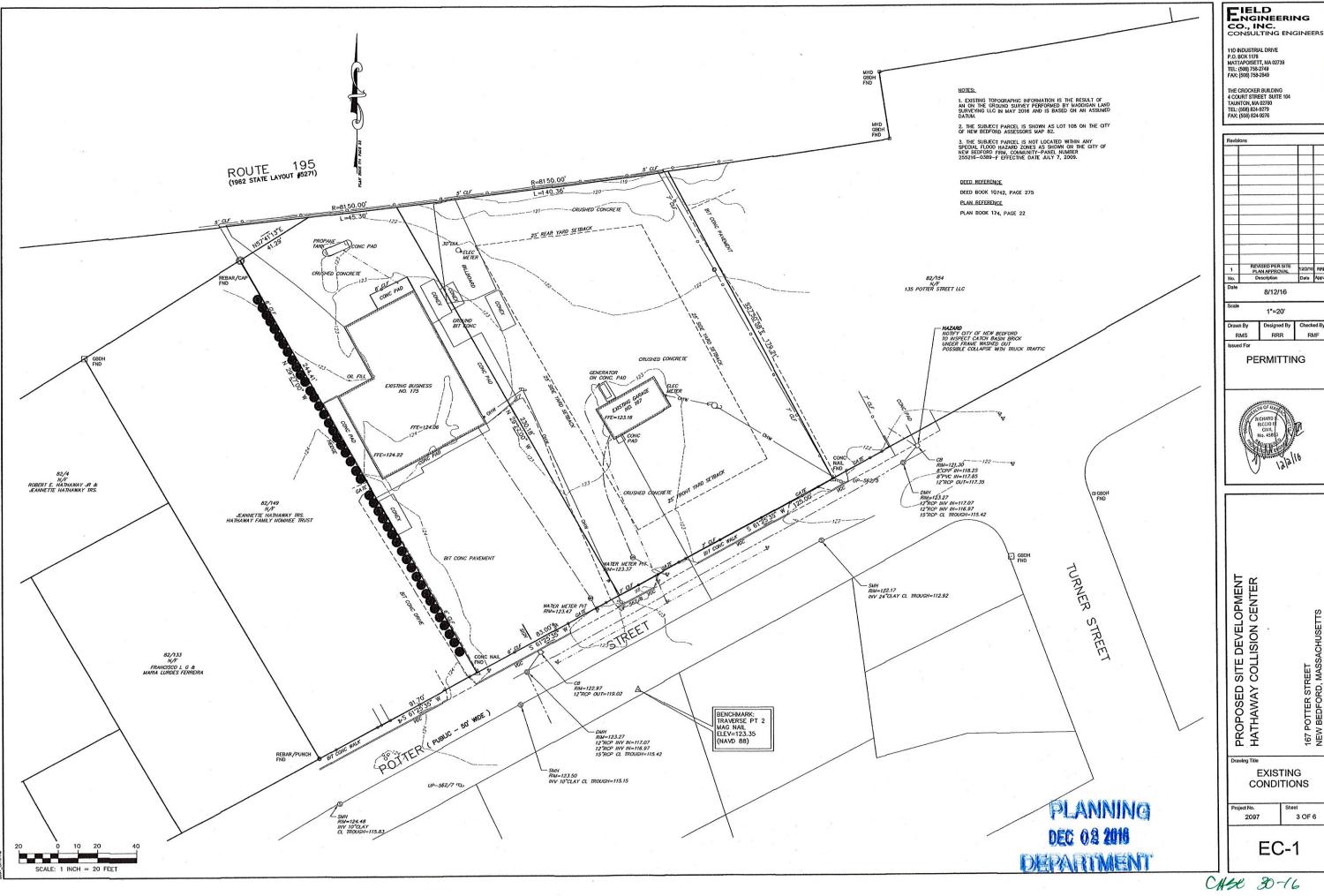
> NOTES & DETAILS

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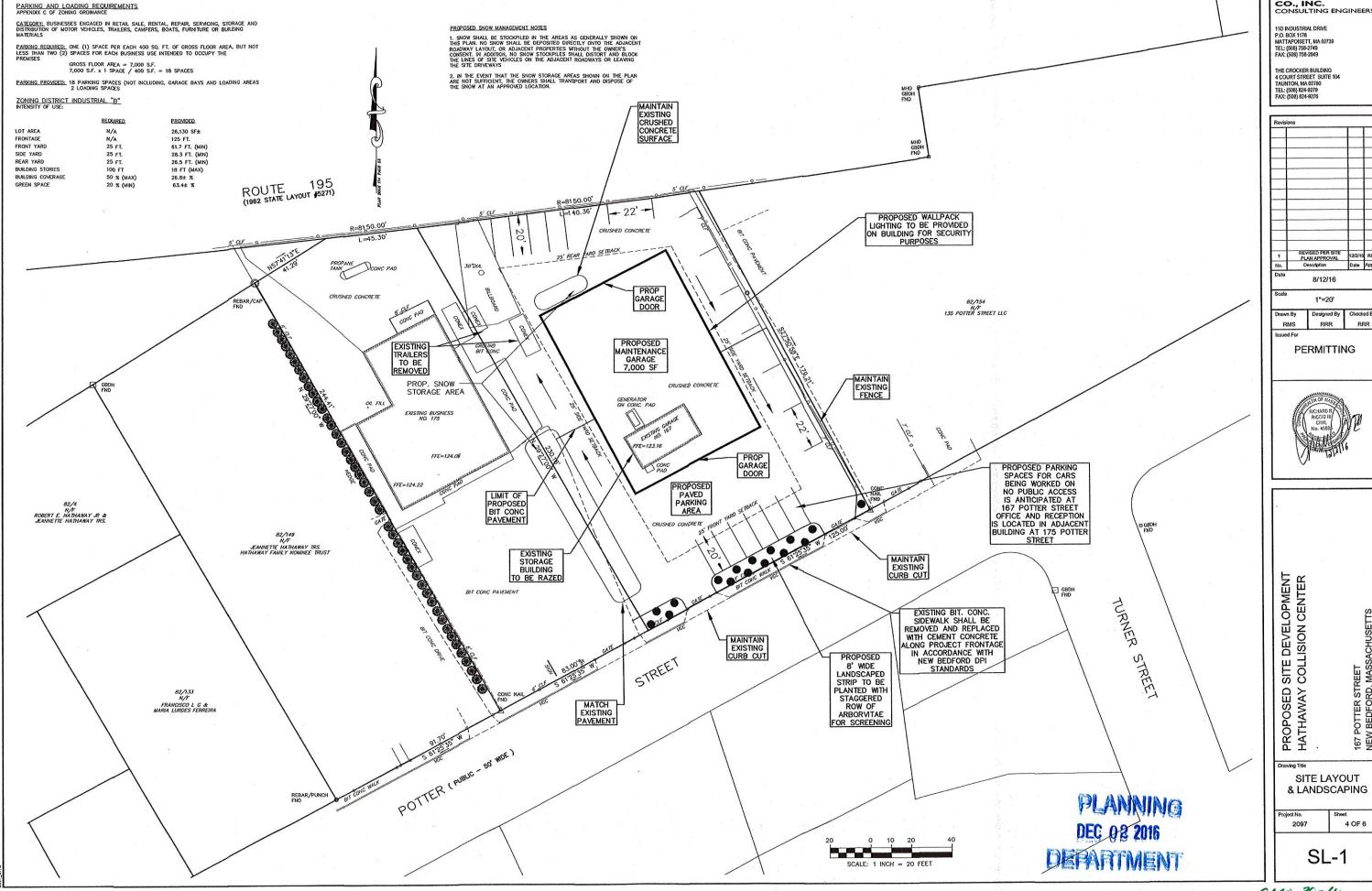
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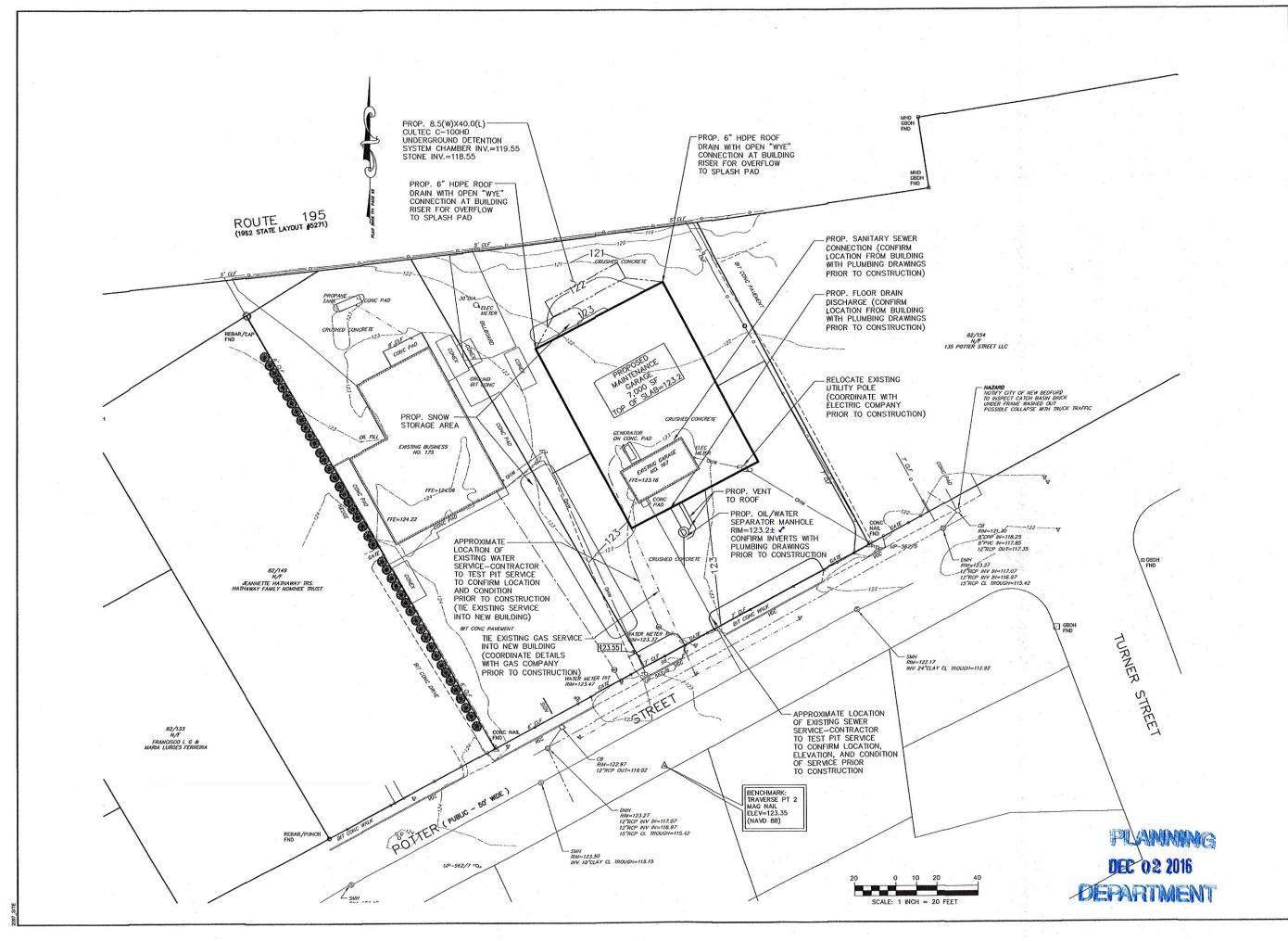


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		RRR		





CIELD ENGINEERING



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CO., INC.

CONSULTING ENGINEERS

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PERMITTING

PROPOSED SITE DEVELOPMENT HATHAWAY COLLISION CENTER

SITE GRADING & UTILITIES

5 OF 6 2097

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