# SHELL POINT PLACE DEFINITIVE SUBDIVISION

## 69 GREAT NECK ROAD WAREHAM, MASSACHUSETTS



SCALE: 1"=400'

#### **ENGINEER:**

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

#### OWNER/APPLICANT:

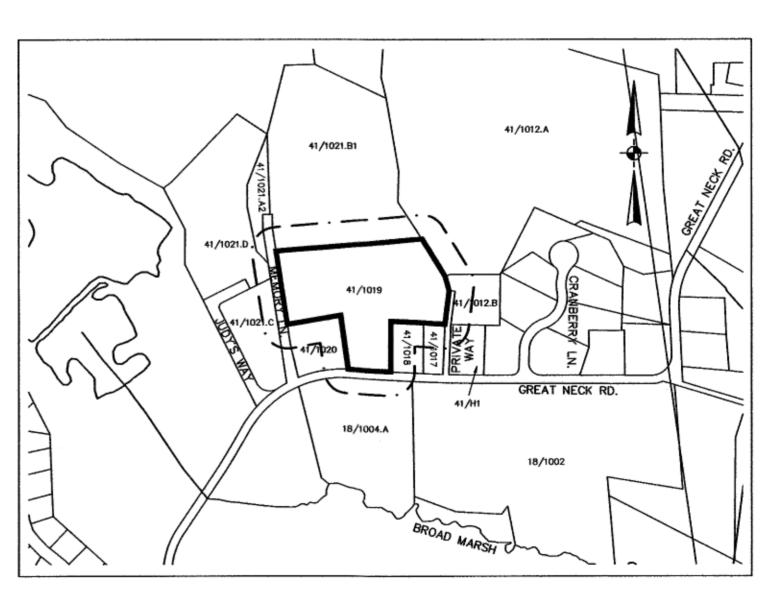
DAVID ANDRADE P.O. BOX 255 19 OLD ONSET ROAD ONSET, MA 02558

### SITE DRAWINGS

ISSUED FOR: PERMITTING DATE ISSUED: OCTOBER 7, 2021 LATEST ISSUE:

#### INDEX TO DRAWINGS

SHEET	DRAWING TITLE		
	TITLE SHEET		
N-1	NOTES & LEGEND		
EC-1	<b>EXISTING CONDITIONS</b>		
L-1	LOTTING PLAN		
GD-1	<b>GRADING &amp; DRAINAGE</b>		
P-1	PLAN & PROFILE		
D-1 & D-2	DETAIL SHEET		



LOCUS PLAN
SCALE: 1"=400'

#### PROJECT LOCATION:

ASSESSORS MAP 41 LOT 1019 WAREHAM, MASSACHUSETTS

 100' NOTIFICATION	LINE

LOT NO.	OWNER OF RECORD
18/1002	PERCHED, INC.
18/1004.A	PERCHED, INC.
41 /H1	JOYCE J. HOLSTER
41/1012.A	POPES POND CRANBERRY CO. INC.
41/1012.B	SUSAN M. NELSON
41/1017	JOYCE L. LEBLANC
41/1018	JOYCE L. LEBLANC
41/1020	RAYMOND E. & LYNELLE A. ST JACQUES
41/1021.A2	PATTI H. SILVIA
41/1021.B1	PATTI H. SILVIA
41/1021.C	JUDITH C. JINSON
41/1021.D	JUDITH C. JINSON

DATE ENDORSE

THIS OFFICE.

WAREHAM PLANNING BOARD APPROVAL UNDER SUBDIVISION CONTROL LAW IS REQUIRED

RICCID III
3/3/ RICCID III \ MY

IELD
INGINEERING
CO., INC.
CONSULTING ENGINEERS

SHELL POINT PLACE

69 GREAT NECK ROAD

DEFINITIVE

SUBDIVISION

WAREHAM, MA

TOWN CLERK, WAREHAM, MA D.

I HEREBY CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE THE NOTICE OF APPROVAL FROM THE

PLANNING BOARD WAS RECEIVED AND RECORDED

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

DATE 2443

#### GENERAL CONSTRUCTION NOTES

- THE MATERIALS AND CONSTRUCTION OF ALL PROPOSED UTILITIES SHALL CONFORM TO THE LOCAL D.P.W. STANDARDS AND SPECIFICATIONS AS WELL AS ALL APPLICABLE MASSDOT STANDARDS AND
- ALL CONSTRUCTION METHODS AND 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.
- THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES SHALL BE CONSIDERED APPROXIMATE AND MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION. UNDERGROUND UTILITIES SHOWN ARE FROM FIELD OBSERVATION AND THE BEST AVAILABLE RECORD INFORMATION AND ARE NOT WARRANTED TO BE EXACT, NOR IS IT WARRANTED THAT ALL UNDERGROUND PIPES OR STRUCTURES ARE SHOWN. THE CONTRACTOR SHALL CONTACT THE RESPECTIVE UTILITY
- THE CONTRACTOR SHALL CONTACT "DIG SAFE" AT 811, 72 HOURS PRIOR TO ANY EXCAVATION AND/OR SUBSURFACE TESTING TO INFORM THE UTILITY COMPANIES OF ANY EXCAVATION.

COMPANIES RELATIVE TO THE LOCATION AND ELEVATION OF ALL EXISTING LINES.

- 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 pre-existing conditions
- ALL EXCAVATED MATERIAL DESIGNATED FOR REUSE SHALL BE STOCKPILED ON SITE NO HIGHER THAN 8 FEET AND SHALL BE ENCLOSED BY TEMPORARY SILT FENCES TO PREVENT TRAVEL OF SEDIMENT TO ADJACENT PROPERTIES OR DRAINAGE WAYS.
- 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
- 9. THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTIES FROM ON SITE CONSTRUCTION ACTIVITIES AND REMOVE ANY SEDIMENT OR DEBRIS DEPOSITED THEREON IMMEDIATELY.
- 10. DRAINAGE GENERATED AS A RESULT OF TRENCH DEWATERING SHALL BE DISCHARGED TO EXISTING DRAINAGE COURSES WITH PROPER EROSION CONTROL AND DEWATERING MEASURES SUBJECT TO APPROVAL BY THE PROJECT ENGINEER. DIRECT DISCHARGE ONTO PAVEMENT, WETLANDS OR PRIVATE PROPERTY SHALL NOT BE ALLOWED WITHOUT CONSENT OF THE PROJECT ENGINEER AND
- 11. THE LOCAL D.P.W. 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 DRAWINGS HAVE BEEN SUBMITTED AND APPROVED WITHOUT PRIOR CONSULTATION OF THE OWNER AND THE PROJECT ENGINEER. ANY CHANGES SO MADE WITHOUT THE CONSENT OF THE OWNER AND THE PROJECT ENGINEER SHALL, IF DEEMED UNACCEPTABLE BY EITHER PARTY, BE PROMPTLY REMOVED FROM THE WORK AT NO EXPENSE TO THE OWNER OF THE PROJECT.
- 12. ANY WORK OR MATERIALS NOT MEETING THE APPROVED STANDARDS AND SPECIFICATIONS OF THE LOCAL DPW SHALL BE IMMEDIATELY REMOVED AND REPLACED AT THE FULL RESPONSIBILITY AND
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE PREPARATION, THE COORDINATION AND INSTALLATION OF ALL UTILITY CONNECTIONS, AND RELATED WORK INCLUDING BUT NOT LIMITED TO ALL NECESSARY SHORING, BRACING AND TRENCH DEWATERING FOR THE COMPLETE INSTALLATION OF THE PROJECT FACILITIES DURING CONSTRUCTION.
- 14. SEE CONSTRUCTION DETAIL SHEETS FOR ADDITIONAL CONSTRUCTION REQUIREMENTS.
- 15. 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, LIGHTS AND OTHER MEANS TO PREVENT ACCIDENTS AND AMAGE TO PROPERTY ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE SUITABLE AND SAFE BRIDGES AND OTHER CROSSINGS FOR ACCOMMODATING TRAVEL BY PEDESTRIANS AND WORKMEN. NO EXCAVATIONS SHALL REMAIN OPEN OVERNIGHT.
- NO TRENCH EXCAVATION WILL BE ALLOWED WITHOUT PROPER LOCAL PERMITS.
- 17. UNLESS OTHERWISE SHOWN ON THESE PLANS, ANY AREAS DISTURBED BY THE CONTRACTORS SHALL BE RESTORED TO ITS PRE-EXISTING CONDITION.
- 18. EXCEPT AS NOTED ON THESE PLANS, THERE SHALL BE NO CLEARING OF VEGETATION BEYOND THE SPECIFIED LIMIT OF WORK LINES.

#### STORMWATER FACILITY OPERATION AND MAINTENANCE PLAN

#### NAME AND ADDRESS OF THE APPLICANT

COMPLIANCE ON THE PROPERTY.

#### P.O. BOX 255

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSPECTION AND MAINTENANCE OF ALL STORMWATER MANAGEMENT FACILITIES UNTIL SUCH TIME AS THE STORMWATER MANAGEMENT SYSTEM IS ACCEPTED BY THE OWNER. THEREAFTER THE OWNER SHALL BE RESPONSIBLE FOR THE PROPER INSPECTION AND MAINTENANCE OF THE STORMWATER FACILITIES IN ACCORDANCE WITH THIS OPERATION AND MAINTENANCE PLAN AS WELL AS THE CONTINUING CONDITIONS OF THE CERTIFICATE OF
- 2. ALL STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) INCLUDING THE CATCH BASINS, AND SUBSURFACE INFILTRATION SYSTEMS SHOULD BE INSPECTED AFTER EVERY MAJOR RAINFALL EVENT EXCEEDING 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

BMP STRUCTURE	INSPECTION	IS P	ER YEAR		
DEEP SUMP CATCH BASINS		4			
OIL WATER SEPARATOR MANHOL	ES :	2			
LEACHING PITS		2			
INFILTRATION BASIN		2			
PROPRIETARY WATER QUALITY II	NLET I	PER	MANUFACTURER'S	SPECIFICATIONS	S

- 4. THE OWNER SHALL MAINTAIN AND SUBMIT TO THE CONSERVATION COMMISSION UPON REQUEST A BMP INSPECTION REPORT FOLLOWING EACH SITE INSPECTION AS RECOMMENDED ABOVE. THE BMP inspection report shall identify the date of inspection, the name and contact number of THE RESPONSIBLE PARTY, SPECIFIC STRUCTURES INSPECTED, SPECIFIC MAINTENANCE REQUIRED AND OBSERVATIONS AT A MINIMUM, INSPECTION REPORTS SHOULD ADDRESS THE FOLLOWING CONDITIONS WHERE APPLICABLE:
  - 1. EMBANKMENT SUBSIDENCE
  - 2. EROSION 3. CRACKING OF CONTAINMENT BERM
  - 4. INLET/OUTLET CONDITIONS
  - 5. SEDIMENT ACCUMULATIONS 6. SLOPE STABILITY
- 5. ACCUMULATED SILT AND SEDIMENT SHOULD BE REMOVED AT LEAST ONCE A YEAR FOR DEEP SLIMP CATCH BASINS OR MORE FREQUENTLY IF ACCUMULATED DEPTH OF SEDIMENT EXCEEDS SIX INCHES.
- 6. ALL REMOVED SEDIMENTS ARE TO BE PROPERLY DISPOSED OF AT A LOCATION TO BE APPROVED BY THE BOARD OF HEALTH. TRANSPORTATION AND DISPOSAL OF SEDIMENTS SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
- 7. THE DRIVEWAY AND PARKING AREAS SHALL BE SWEPT AT LEAST TWICE PER YEAR.
- 8. THE INFILTRATION BASIN AND ALL LANDSCAPED AREAS SHOULD BE INSPECTED FOR TRASH ON A MONTHLY BASIS. ANY ACCUMULATED TRASH, LITTER AND DISCARDED MATERIALS SHALL BE REMOVED.
- 9. SNOW WILL BE STOCKPILED WITHIN AND AROUND AREAS WHICH DRAIN INTO THE STORMWATER MANAGEMENT SYSTEM WHEREVER PRACTICABLE. CATCH BASIN GRATES WILL BE CLEANED OF SNOW AND ICE AFTER ALL SNOWFALL EVENTS. THE DISCHARGE OF SNOW DIRECTLY INTO THE WETLAND RESOURCE AREAS WILL BE PROHIBITED.
- 10. NO DISPOSAL OF MATERIALS WILL BE PERMITTED WITHIN THE ANY OF THE STORMWATER MANAGEMENT SYSTEM BMP'S, THIS PROHIBITION APPLIES TO TRASH, FILL MATERIAL, CONSTRUCTION DEBRIS, GRASS CLIPPINGS, COLLECTED LEAVES, AND CUT BRANCHES.
- 11. THE EMBANKMENT, SIDE SLOPES, AND BOTTOM AREAS OF THE INFILTRATION BASIN SHALL BE MOWED AT LEAST TWICE ANNUALLY TO FACILITATE MAINTENANCE OF THE BASIN.
- 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 REQUEST.
- 13. THE OWNER SHALL CONTRACT WITH A MAINTENANCE COMPANY ON AN ANNUAL BASIS THAT WILL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE STORMWATER MANAGEMENT SYSTEM. THE CONTACT INFORMATION FOR THIS COMPANY SHALL BE PROVIDED TO THE CONSERVATION COMMISSION FOR THEIR FILES.
- 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 UPROOTED AND REMOVED FROM THE AREA.

#### INVASIVE SPECIES CONTROL PLAN (ISCP)

THE OWNER WILL MONITOR THE EXTENDED DETENTION/INFILTRATION BASINS AND SEDIMENT FOREBAYS PURSUANT TO THE RECOMMENDATIONS OUTLINED IN THE USACE DOCUMENT TITLED "NEW ENGLAND DISTRICT COMPENSATORY MITIGATION GUIDANCE" DOCUMENT, PAGES 24—26 SECTION 4.F. INVASIVE SPECIES.. DUE TO THE PROXIMITY OF THE EXTENDED DETENTION/INFILTRATION SYSTEM TO THE EXISTING BORDERING VEGETATED WETLAND, THE APPLICANT HAS CHOSEN A MECHANICAL CONTROL METHOD OF REMOVAL. INVASIVE SPECIES WILL BE REMOVED BY HAND (PULLING, MOWING OR EXCAVATING ON-SITE). NO CHEMICAL CONTROL WILL BE

SPECIAL ATTENTION WILL BE GIVEN TO ASSURE THAT NONE OF THE FOLLOWING INVASIVE SPECIES POPULATE THE STORM WATER BMP'S: COMMON REED (PHRAGMITES AUSTRALIS), PURPLE LOOSESTRIFE (LYTHRUM SALICARIA), SMOOTH AND COMMON BUCKTHORN (FRANGULA ALNUS, RHAMNUS CARTHARTICA), RUSSIAN AND AUTUMN OLIVES (ELAEAGNUS ANGUSTIFOLIA AND E. UMBELLATA), MULTIFLORA ROSE (ROSA MULTIFLORA), REED CANARY—GRASS (PHALARIS ARUNDINACEA), AND JAPANESE KNOTWEED (FALLOPIA JAPONICA).

#### **EROSION & SEDIMENTATION CONTROL PROGRAM**

- ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL APPROVING AUTHORITY AND AS DIRECTED BY THE PROJECT ENGINEER.
- THOSE AREAS UNDERGOING ACTUAL CONSTRUCTION WILL BE LEFT IN AN UNTREATED OR UNVEGETATED CONDITION FOR A MINIMUM TIME. AREAS SHALL BE PERMANENTLY STABILIZED WITHIN 15 DAYS OF FINAL GRADING AND TEMPORARILY STABILIZED WITHIN 30 DAYS OF INITIAL DISTURBANCE OF THE SOIL IF THE DISTURBANCE IS WITHIN 100 FEET OF A WETLAND RESOURCE AREA. THE DISTURBED AREAS SHALL BE
- SEDIMENT BARRIERS (SILT FENCE, HAY BARRIERS, ETC.) SHOULD BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE OF THE UPGRADIENT CONTRIBUTING DRAINAGE AREA. MULCH NETTING SHALL BE USED TO NCHOR MULCH IN ALL AREAS WITH SLOPES GREATER THAN 8.0% AFTER OCTOBER 1ST.
- INSTALL SILT FENCE AT TOE OF SLOPE TO FILTER SILT FROM RUNOFF. SEE SILT FENCE DETAIL FOR PROPER INSTALLATION.
- ALL EROSION CONTROL STRUCTURES WILL BE INSPECTED, REPLACED AND/OR REPAIRED EVERY 7 DAYS AND IMMEDIATELY FOLLOWING ANY SIGNIFICANT RAINFALL IN EXCESS OF 1.0 INCH, SNOW MELT OR WHEN NO LONGER SERVICEABLE DUE TO SEDIMENT ACCUMULATION OR DECOMPOSURE. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT AND WHEN THE DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. SEDIMENT CONTROL DEVICES SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL AREAS UPSLOPE ARE STABILIZED BY TURF.
- 6. NO SLOPES, EITHER PERMANENT OR TEMPORARY, SHALL BE STEEPER THAN THREE TO ONE (3 TO 1)
- 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 SEEDING PERIOD.
- 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) INCHES ON ALL LOAM AND SEED AREAS OR AS SPECIFIED ON

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

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

#### LOAM AND SEED AREAS - MASSDOT SPEC M6.03.0

TYPE.	% BY WEIGHT
RED FESCUE	50
KENTUCKY 31	30
DOMESTIC RYE	10
RED TOP LADINO	5
CLOVER	5
APPLICATION RATE	4.0 LBS./1000 S.F.

- 10. HAY OR 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 LOCAL APPROVING AUTHORITY. A HYDRO-APPLICATION OF WOOD OR PAPER FIBER SHALL BE APPLIED FOLLOWING SEEDING. A SUITABLE BINDER SUCH AS CURASOL OR RMB PLUS WILL BE USED ON HAY MULCH FOR WIND CONTROL.
- 11. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED ONCE THE SITE IS STABILIZED TO
- ADJACENT PROPERTIES WILL BE PROTECTED WITH HAY BALES AND/OR SILT FENCING INSTALLED AS SHOWN ON THE DRAWINGS. ADDITIONAL HAY BALES OR SAND BAGS SHALL BE LOCATED AS CONDITIONS ARRANT OR AS DIRECTED BY THE ENGINEER AND/OR THE LOCAL APPROVING AUTHORITY
- 13. TEMPORARY HAY BALE EROSION CHECKS OR FILTER FABRIC GRATE INSERTS SHALL BE PROVIDED AT ALL DRAINAGE STRUCTURE INLETS DURING CONSTRUCTION. UPON COMPLETION OF CONSTRUCTION AND SATISFACTORY STABILIZATION OF DISTURBED AREAS, THE CONTRACTOR SHALL CLEAN ALL CATCH BASIN
- 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 OR APPLICANT.
- 15. THE NORMAL ACCEPTABLE SEASONAL SEEDING DATES ARE APRIL 1ST THROUGH JUNE 15TH AND AUGUST 15TH THROUGH OCTOBER 31ST
- 16. STOCKPILES OF TOP SOIL SHALL NOT BE LOCATED NEAR WATERWAYS. THEY SHALL HAVE SIDE SLOPES NO GREATER THAN 1:1.

#### MULCH AND MULCH ANCHORING

MULCH LOCATION	MULCH	RATE (1.000 S.F.)
MILD SLOPES LESS THAN 3:1 HIGH WIND VELOCITY AREAS	STRAW OR HAY SHREDDED OR CHOPPED CORNSTALKS ANCHORED STRAW OR HAY (1)	200 POUNDS 200-275 POUNDS 200 POUNDS
MODERATE TO HIGH VELOCITY AREAS STEEP SLOPES GREATER THAN 3:1	JUTE MESH OR EXCELSION MAT JUTE MESH OR EXCELSION MAT	AS REQUIRED AS REQUIRED

(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

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).

#### EROSION CONTROL NOTES DURING CONSTRUCTION

- CONSTRUCTION ACTIVITY EXECUTED DURING THE WINTER CONSTRUCTION PERIOD BETWEEN NOVEMBER 1 THROUGH APRIL 1ST SHALL BE SUBJECT TO THE FOLLOWING ADDITIONAL REQUIREMENTS.
- 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 NOW 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 CONTROL PROTECTION. 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. BETWEEN THE DATES OF NOVEMBER 1ST AND APRIL 1ST, LOAM OR SEED WILL NOT BE PERMITTED. DURING PERIODS OF ABOVE FREEZING TEMPERATURES, THE SLOPES SHALL BE FINE GRADED AND EITHER PROTECTED WITH ULCH OR TEMPORARILY SEEDED AND MULCHED UNTIL SUCH TIME AS THE FINAL TREATMENT CAN BE APPLIED.
- IF THE DATE IS AFTER NOVEMBER 1ST AND IF THE EXPOSED AREA HAS BEEN LOAMED, FINAL GRADED AND IS SMOOTH, THEN THE AREA MAY BE DORMANT SEEDED AT A RATE OF 200 TO 300% HIGHER THAN SPECIFIED FOR ARAIS OF 200 TO 300% HIGHER THAN SPECIFIED FOR ARAIS SEEDED AT A RATE OF 200 TO 300% HIGHER THAN SPECIFIED FOR ARAIS SHALL BE CONTINUOUSLY GRADED BEFORE FREEZING AND THE SURFACE TEMPORARILY PROTECTED FROM EROSION BY THE APPLICATION OF MULCH. SLOPES SHALL NOT BE LEFT UNEXPOSED OVER THE WINTER OR ANY OTHER EXTENDED TIME OF WORK SUSPENSION UNLESS TREATED IN THE ABOVE MANNER.

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 1ST ALL MULCH SHALL BE ANCHORED BY EITHER PEG LINE, MULCH NETTING, 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%.
- ALL EROSION MITIGATION MEASURES SHALL BE IN PLACE PRIOR TO MAJOR CONSTRUCTION OR SOIL DISTURBANCE COMMENCING ON THE SITE

#### TRAFFIC MANAGEMENT NOTES

- THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS OF ANY ROAD OPENING PERMIT TO ACCESS A PUBLIC WAY PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.
- 2. AS A SPECIAL CONDITION TO ANY ROAD OPENING PERMIT THE CONTRACTOR SHALL:
  - (A) FURNISH ADEQUATE NOTICE TO LOCAL DPW, POLICE AND FIRE DEPARTMENTS, PUBLIC TRANSPORTATION AUTHORITIES, AND SCHOOL DEPARTMENTS/DISTRICTS OF ANY PROPOSED TRAFFIC MANAGEMENT PLAN INCLUDING, BUT NOT LIMITED TO, DETOURS, LANE CLOSURES, AND ALTERNATE ROUTES.
  - (B) FURNISH, ERECT AND MAINTAIN TRAFFIC CONTROL DEVICES, AS REQUIRED BY THE LOCAL AUTHORITIES. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL DEVICES INCLUDING LIGHTS, MARKINGS, BARRICADES, WARNING SIGNS, AND ALL OTHER SAFETY PRECAUTIONS NECESSARY TO PROTECT STREETS, SIDEWALKS, ACCESS TO ADJOINING PROPERTY, AND THE TRAVELING PUBLIC WITHIN THE AREA OF

#### WATER MAIN CONSTRUCTION NOTES

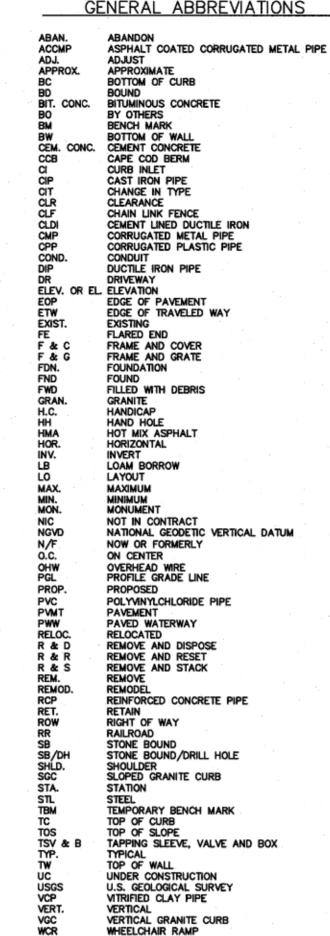
- THE EXACT LOCATION OF ALL PROPOSED PIPES, VALVES, FITTINGS, HYDRANTS, SERVICES, ETC. IS TO BE DETERMINED BY THE WAREHAM WATER DEPT. IN THE FIELD.
- 2. THE CONTRACTOR SHALL MAINTAIN A MINIMUM VERTICAL CLEARANCE BETWEEN THE NEW WATER MAIN AND OTHER EXISTING UTILITIES OF AT LEAST (12) TWELVE INCHES OR AS DETERMINED BY THE WAREHAM WATER
- 3. UNLESS SPECIFIED OTHERWISE, ALL WATER PIPES ARE TO BE LAID WITH A MINIMUM OF 5'-0" COVER.
- BENDS, TEES, AND HYDRANTS ARE TO BE BACKED WITH CONCRETE THRUST BLOCKS AND FITTED WITH MEGALUG JOINT RESTRAINTS OR AS DIRECTED BY THE WAREHAM WATER DEPT. UNLESS OTHERWISE NOTED OR APPROVED BY THE ENGINEER THE NEW WATER MAINS SHALL PASS UNDER EXISTING UTILITIES AND DRAIN LINES.
- 6. THE MATERIALS AND CONSTRUCTION OF ALL PROPOSED WATER MAINS & APPURTENANCES SHALL CONFORM TO ANSI/AWWA SPECIFICATIONS AS WELL AS THE TOWN OF WAREHAM WATER DEPARTMENT RULES AND REGULATIONS LATEST EDITION, AND ALL APPLICABLE MASSDOT STANDARDS AND SPECIFICATIONS, LATEST
- ALL CONSTRUCTION METHODS AND MATERIALS, AS WELL AS ALL MATERIAL SHOP DRAWINGS AND MANUFACTURERS DATA SHALL RECEIVE THE WRITTEN APPROVAL OF THE TOWN OF WAREHAM WATER DEPARTMENT PRIOR TO FABRICATION AND INSTALLATION.
- 8. ALL COMPLETED SECTIONS OF THE PROPOSED SYSTEM SHALL BE PRESSURE TESTED AND DISINFECTED IN ACCORDANCE WITH THE TOWN OF WAREHAM WATER DEPT. SPECIFICATIONS, AWWA C651, AND AWWA C600. ANY PORTION OF THE WORK NOT MEETING THE REQUIRED TESTING STANDARDS SHALL BE CORRECTED BY THE
- 9. SAMPLING AND CHLORINATION TAPS SHALL BE A CORPORATION COCK INSTALLED IN THE MAIN WITH A COPPER TUBE AND CURB STOP ASSEMBLY AT 1000 FOOT INTERVALS. NO HOSE OR FIRE HYDRANT SHALL BE USED IN THE CHLORINATION OR COLLECTION OF SAMPLES. SAMPLING AND CHLORINATION POINTS MUST BE REVIEWED AND APPROVED BY THE WATER DEPARTMENT ENGINEER PRIOR TO DISINFECTIONS
- 10. THE WATER DEPARTMENT 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 DRAWINGS HAVE BEEN SUBMITTED AND APPROVED WITHOUT PRIOR CONSULTATION OF THE WATER DEPARTMENT AND THE PROJECT ENGINEER. ANY CHANGES SO MADE WITHOUT THE CONSENT OF THE WATER DEPARTMENT AND THE PROJECT ENGINEER SHALL, IF DEEMED UNACCEPTABLE BY EITHER PARTY, BE PROMPTLY REMOVED FROM THE WORK AT NO EXPENSE TO THE OWNER OF THE PROJECT.
- 11. ANY WORK OR MATERIALS NOT MEETING THE APPROVED STANDARDS AND SPECIFICATIONS OF THE WAREHAM WATER DEPARTMENT SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE PREPARATION, THE COORDINATION AND INSTALLATION OF ALL UTILITY CONNECTIONS, AND RELATED WORK INCLUDING BUT NOT LIMITED TO ALL NECESSARY SHORING, BRACING AND TRENCH DEWATERING FOR THE COMPLETE INSTALLATION OF THE PROJECT FACILITIES DURING
- 13. PRIOR TO FINAL ACCEPTANCE OF THE WORK BY THE TOWN OF WAREHAM WATER DEPARTMENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS AND/OR MODIFICATIONS DONE TO THE NEW SYSTEM FOR A PERIOD OF ONE YEAR AFTER THE WATER HAS BEEN PERMANENTLY TURNED ON.
- 14. THE CONTRACTOR SHALL CONTACT THE TOWN OF WAREHAM WATER DEPARTMENT 24 HOURS PRIOR TO ANY EXCAVATION AND/OR SUBSURFACE TESTING.
- 15. THE MAXIMUM JOINT DEFLECTION FOR DUCTILE IRON PIPE SHALL NOT EXCEED 5 DEGREES.

#### TOWN OF WAREHAM WATER/FIRE DISTRICT GENERAL SPECIFICATIONS

- 1. WATER MAIN PIPING SHALL BE PVC PRESSURE PIPE C-900 INTEGRAL BELL GASKET JOINT CONFORMING TO ANSI/AWWA SPECIFICATIONS LATEST EDITION AND THE TOWN OF WAREHAM WATER DEPARTMENT
- 2. FITTINGS SHALL BE DOUBLE CEMENT LINED, BITUMEN COATED COMPACT MECHANICAL JOINT DUCTILE IRON
- 3. TAPPING SLEEVES SHALL BE A FULL DIAMETER DUCTILE IRON MECHANICAL JOINT SLEEVE, AS MANUFACTURED BY AMERICAN FLOW CONTROL SERIES 2800 OR MUELLER H-615 OR APPROVED EQUAL.
- TAPPING VALVES SHALL CONFORM TO AWWA C-515, OPEN LEFT, AND IN ADDITION SHALL HAVE ONE SIDE FLANGED AND ONE SIDE MECHANICAL JOINT, AS MANUFACTURED BY AMERICAN FLOW CONTROL. OR MUELLER OR APPROVED EQUAL. 5. HYDRANTS SHALL CONFORM TO AWWA C-502, OPEN LEFT, AND SHALL BE FROM ONE OF THE FOLLOWING
- ACCEPTABLE MANUFACTURERS: 1.) MUELLER SUPER CENTURION 250
- 6. HYDRANTS SHALL BE DRY BARREL CONSTRUCTION, WITH A HYDRANT VALVE OPENING OF 7-INCHES. HYDRANT INLET CONNECTIONS SHALL HAVE 5-1/2 FOOT DEPTH OF BURY WITH MECHANICAL JOINTS FOR 6-INCH CAST IRON PIPE. THE HYDRANTS SHALL BE DESIGNED SO THAT ANY INCREASE IN DEPTH OF BURY CAN BE ACCOMPLISHED BY INSERTING THE NECESSARY EXTENSION ACCESSORIES AT THE GROUND LINE FLANGE, NOZZLE THREADS SHALL BE NATIONAL STANDARD.
- 7. UNLESS OTHERWISE SPECIFIED THE MINIMUM SERVICE PIPE DIAMETER SHALL BE 1-INCH.
- 8. WATER SERVICE TUBING SHALL BE CTS POLYETHYLENE (HDPE) W.P. 200. P.S.I MINIMUM CONFORMING TO
- 10. THE WATER SERVICE MUST BE INSPECTED BY THE TOWN OF WAREHAM WATER DEPARTMENT PRIOR TO
- 11. CURB STOPS SHALL BE MUELLER STYLE WITH COMPRESSION CONNECTIONS, OPEN LEFT.
- 12. EACH CURB STOP SHALL BE ACCOMPANIED BY A CURB BOX, NORTH AMERICAN BUFFALO STYLE WITH 36-INCH ROD, ADJUSTABLE TYPE, 2 PIECE, HEAVY PATTERN CONSTRUCTED OF CAST IRON AND PROVIDED WITH A CAST IRON COVER. THE CURB BOX COVER SHALL HAVE 2 HOLES, AND HAVE THE WORD "WATER"
- 13. CORPORATION STOPS SHALL OPEN LEFT AND SHALL BE MUELLER STYLE WITH TAPERED CC THREAD AND COMPRESSION PACK JOINT FOR CTS TUBING CONFORMING TO AWWA C800.
- 14. RESTRAINED JOINTS MAY BE USED FOR THRUST RESTRAINT WITH THE THRUST BLOCKS. MECHANICAL JOINT RESTRAINT SHALL BE MEG-A-LUG TYPE AS MANUFACTURED BY EBAA IRON, SERIES 2100.
- 15. RESILIENT SEAT GATE VALVES SHALL BE MECHANICAL JOINT, O-RING STEM SEALS, OPEN LEFT, AND SHALL MEET LATEST REVISIONS AWWA STANDARD C509.
- 16. ALL WATER WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE TOWN OF WAREHAM SPECIFICATIONS AND REQUIREMENTS FOR WATER SYSTEM WORK. IN THE EVENT OF A CONFLICT BETWEEN THESE PLANS AND THE TOWN SPECIFICATIONS, THE TOWN SPECIFICATIONS SHALL GOVERN.

#### STORM DRAIN NOTES

- 1. UNLESS OTHERWISE NOTED, ALL STORM DRAIN PIPING SHALL BE ADS-N-12 SMOOTH WALL INTERIOR HDPE PIPE AS MANUFACTURED BY ADS. INC.
- 2. ROOF DRAIN PIPING WITHIN 10 FEET OF BUILDING FOUNDATIONS AND SLABS SHALL BE CAST IRON PIPE (C.I.P.), REFER TO PLUMBING DRAWINGS BY C.A. CROWLEY FOR MATERIAL SPECIFICATIONS. THE CONTRACTOR SHALL COORDINATE THE WORK WITH THE PLUMBING CONTRACTOR AND PROVIDE ALL NECESSARY COUPLINGS, ADAPTER, ETC. TO CONNECT THE C.I.P. TO HDPE PIPE SECTIONS.
- SEDIMENT FOREBAYS MAY BE USED FOR CONTROL OF WATER DURING CONSTRUCTION WITH PROPER SILTATION CONTROLS TO ENSURE NO UNTREATED STORMWATER IS RELEASED INTO ANY WETLAND RESOURCE AREA OR WITHIN THE DETENTION/INFILTRATION STAGES OF THE STORMWATER BASINS.
- 4. PRIOR TO FINAL ACCEPTANCE OF THE WORK BY THE TOWN, ALL DRAINAGE STRUCTURES AND SEDIMENT FOREBAYS SHALL BE CLEANED OF ALL SEDIMENTS AND DEBRIS.



#### EXISTING LEGEND

ELECTRIC MANHOLE

LIGHT POLE

TRANSFORMER

FIBER OPTIC BOX

ELECTRIC HAND HOLE

PROPOSED GAS GATE SIZE & TYPE PROPOSED DRAIN LINE SIZE & TYPE PROPOSED SEWER LINE SIZE & TYPE PROPOSED WATER LINE SIZE & TYPE \_ PROPOSED GAS LINE CONDUIT SIZE PROPOSED ELECTRIC LINE --- -- 95-- -- TOPOGRAPHIC CONTOUR TYPE PROPOSED CABLE T.V. & TELEPHONE CONCRETE BOUND/DRILL PROPOSED SEPTIC SYSTEM LOCATION CHAIN-LINK FENCE --- PROPOSED WETLAND REPLICATION AREA WATER GATE PROPOSED SILTATION CONTROL DRAIN MANHOLE CATCH BASIN EXISTING STRUCTURE TO BE DROP INLET DEMOLISHED

> HYDRANT (R&D) REMOVE & DISPOSE SEWER MANHOLE (R&R) REMOVE & RESET CATV MANHOLE ADJUST TO GRADE CATV HAND HOLE ABANDON (AB) TELEPHONE HAND HOLE ABANDON IN PLACE

SWITCH BOX SOIL BORING LOCATION TEST PIT LOCATION

DATE ENDORSED:

DATE APPROVED: \_\_\_\_\_

WAREHAM PLANNING BOARD

APPROVAL UNDER SUBDIVISION

CONTROL LAW IS REQUIRED

PROPOSED LEGEND

-----98-----PROPOSED INTERMEDIATE CONTOUR

PROPOSED PROPERTY LINE

PROPOSED MONUMENT

98.8 PROPOSED SPOT GRADE

PROPOSED EDGE GRAVEL DRIVES

PROPOSED LIMIT OF CLEARING

PROPOSED BUILDING

CURB TYPE PROPOSED CURB

SIDEWALK TYPE PROPOSED SIDEWALK

---- x ----- PROPOSED FENCE LINE

---- PROPOSED SETBACK LINE

- PROPOSED EASEMENT LINE

PROPOSED ZONING BOUNDARY

PROPOSED RIP RAP

PROPOSED SIGN POST

PROPOSED LIGHT POLE

PROPOSED GUY POLE

PROPOSED UTILITY POLE

PROPOSED CATCH BASIN

PROPOSED FLARED END

PROPOSED DRAIN MANHOLE

PROPOSED SEWER MANHOLE

PROPOSED WATER MANHOLE

PROPOSED WATER GATE VALVE

PROPOSED HYDRANT

PROPOSED CURB STOP

PROPOSED HAND HOLE

PROPOSED WELL LOCATION

PROPOSED ELECTRIC MANHOLE

PROPOSED TRANSFORMER PAD

PROPOSED TELEPHONE MANHOLE

PROPOSED CONTROLLER CABINET

WALL TYPE PROPOSED WALL

**\*\*\*\*** 

• CS

I HEREBY CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE THE NOTICE OF APPROVAL FROM THE PLANNING BOARD WAS RECEIVED AND RECORDED AND NO NOTICE OF APPEAL HAS BEEN FILED IN THIS OFFICE.

TOWN CLERK, WAREHAM, MA

DATE

CIELD -NGINEERING CO., INC. CONSULTING ENGINEERS

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

Revisions				
				L
		,		L
				L
		<u> </u>		L
	, ,			L
_				L
				-
$\vdash$	,			-
				$\vdash$
No.		Description	Date	Ap
Dat	e .	10/7/2021	,	
Sca	ile	NO SCALE		
Dra	wn By	Designed By	Check	ed E
	RMS	KJM	R	ИF
Issi	ued For			
	PE	RMITTIN	1G	
		photocologies.		
l	الاد	THOP MAD	L	

Riccio V CIVI No. 45898 **\*** '

Z

3 8 UBD Ω 

Drawing Title NOTES & LEGEND

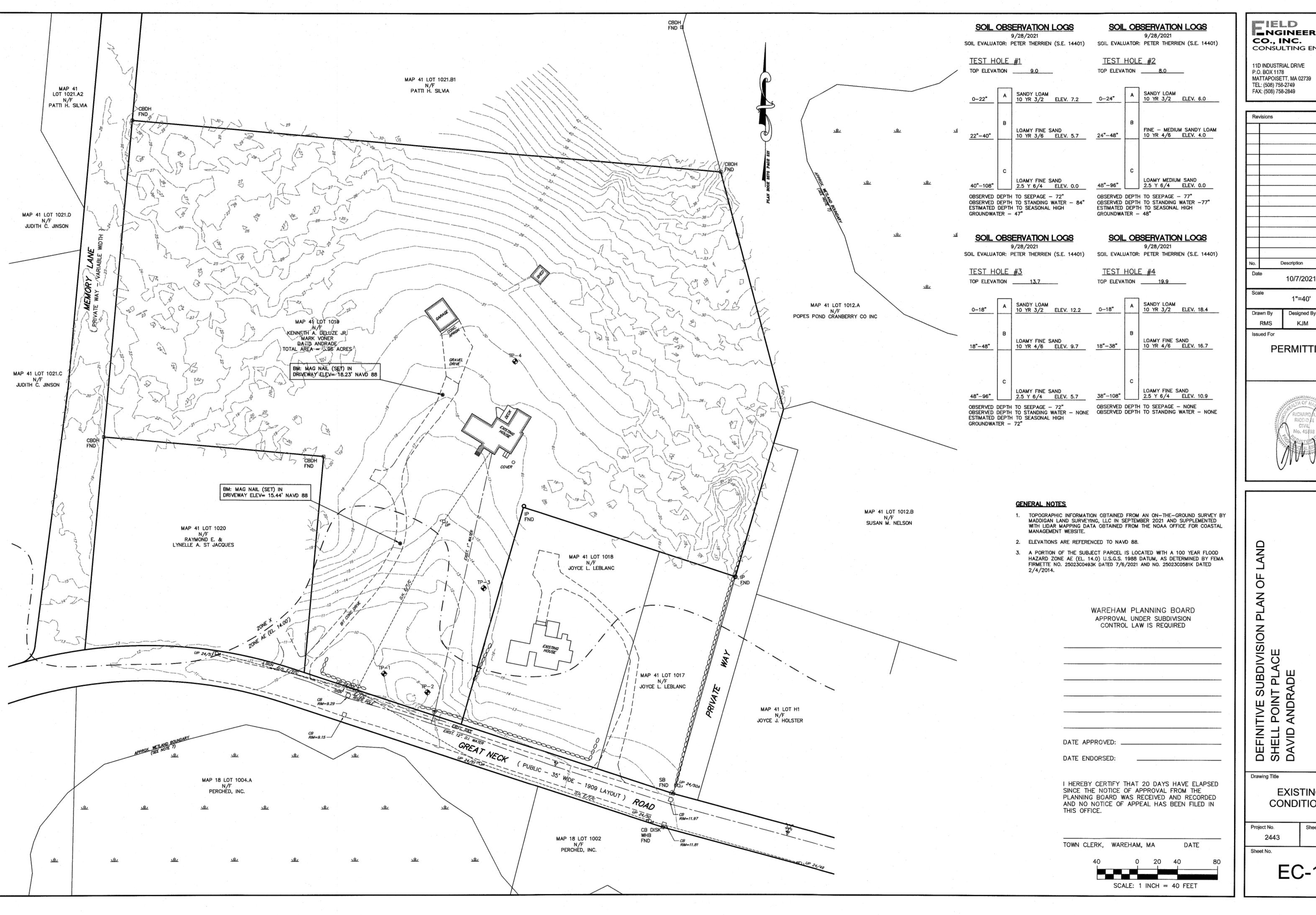
Sheet No.

Project No.

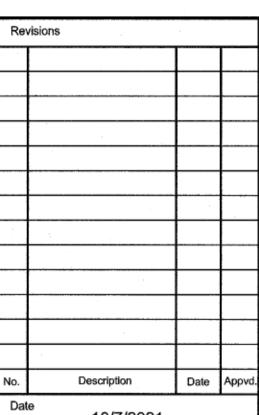
N-

Sheet

2 OF 8



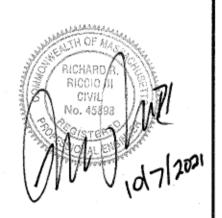
-NGINEERING CONSULTING ENGINEERS



10/7/2021

Designed By Checked By

PERMITTING

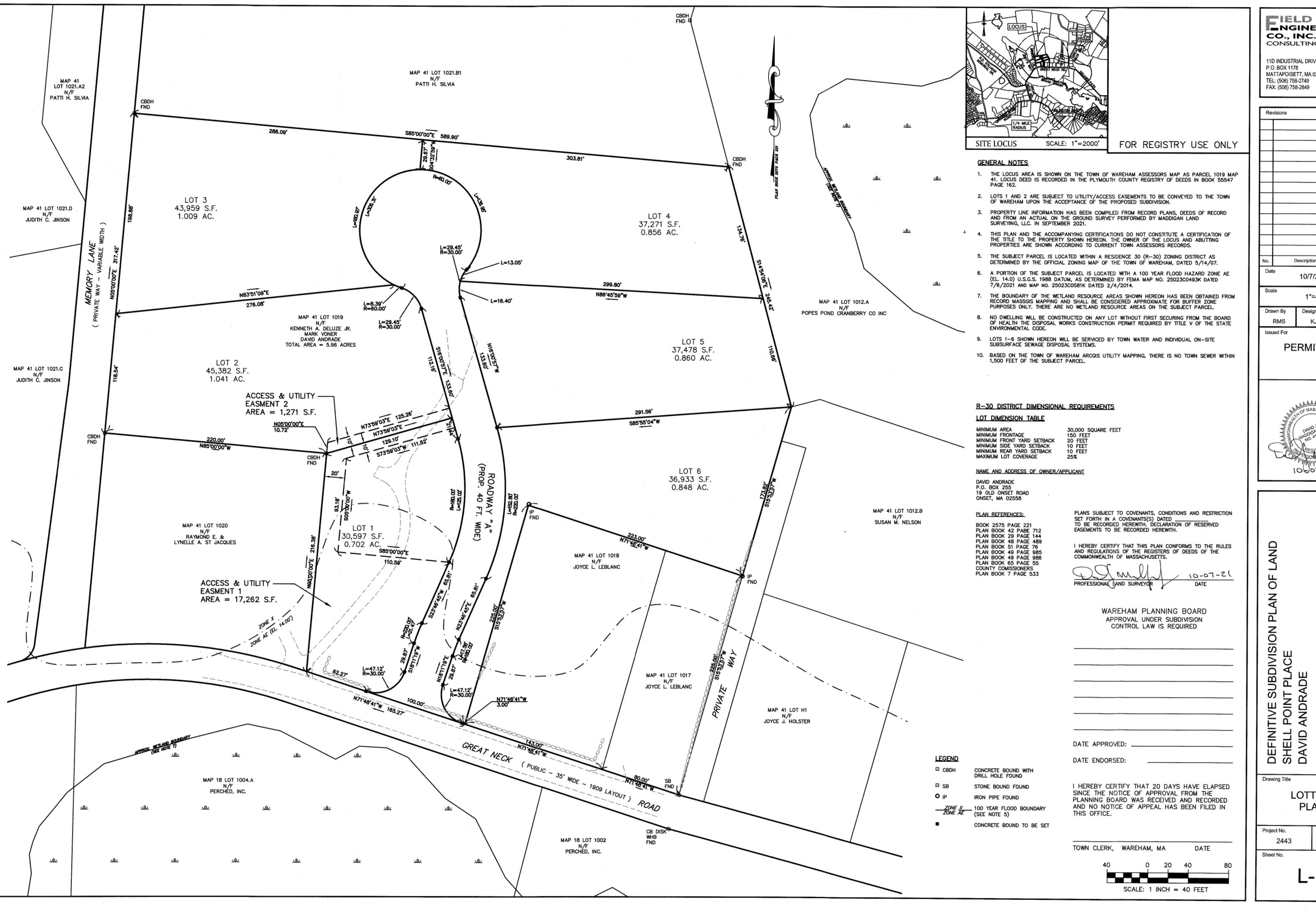


69 GREAT NECK ROAD WAREHAM, MASSACHU

**EXISTING** CONDITIONS

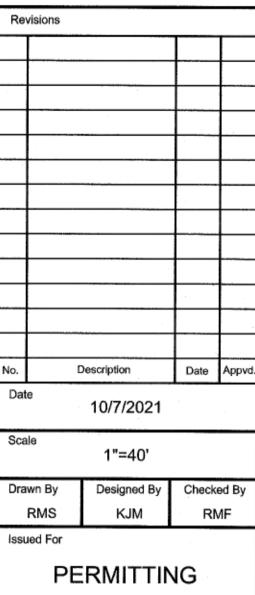
Sheet 3 OF 8

EC-1



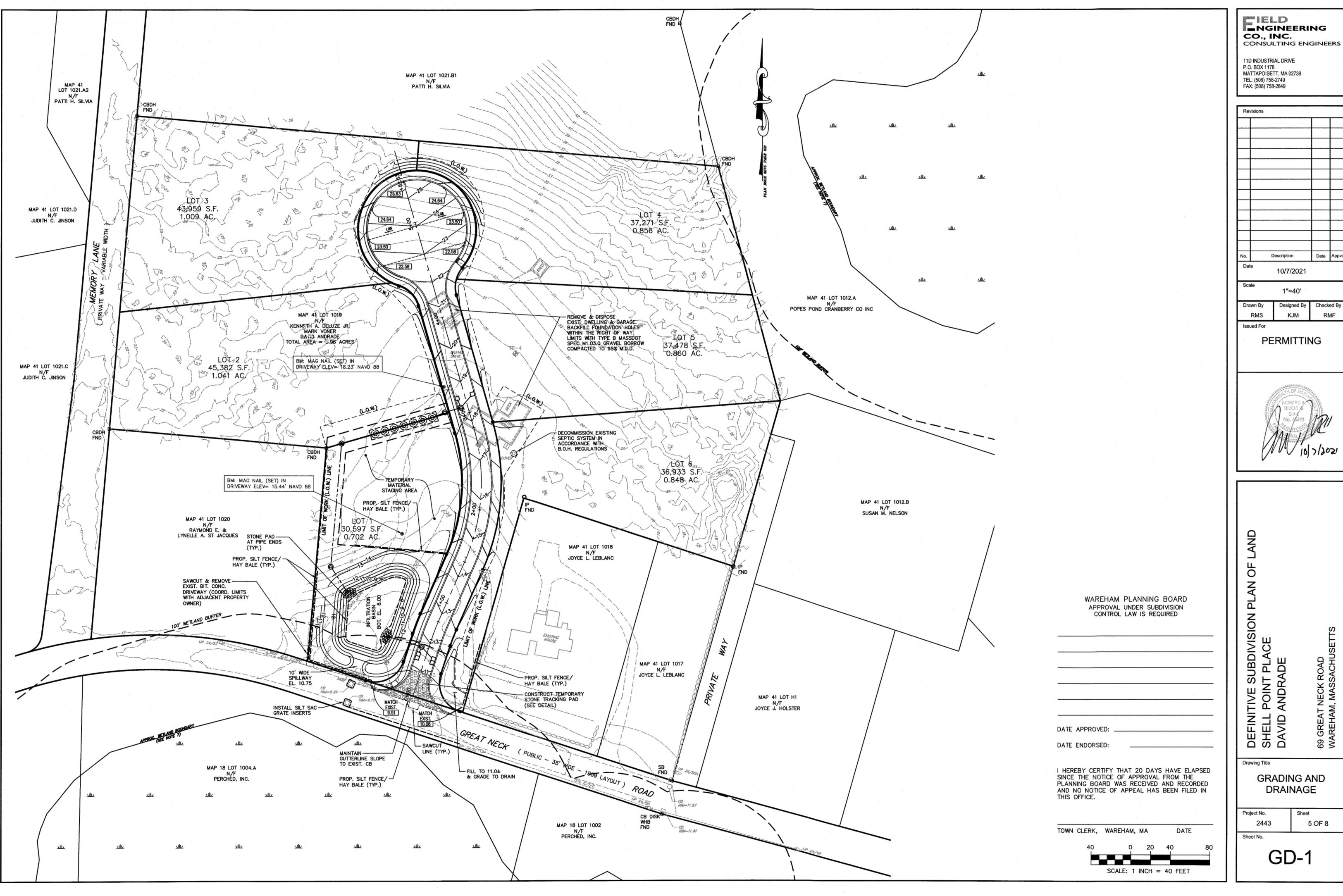
-NGINEERING CO., INC. CONSULTING ENGINEERS

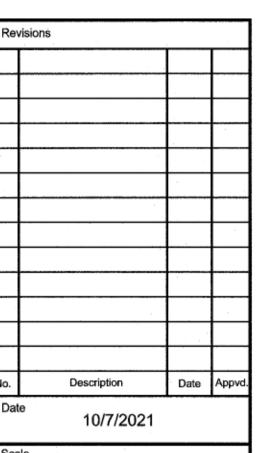
11D INDUSTRIAL DRIVE MATTAPOISETT, MA 02739

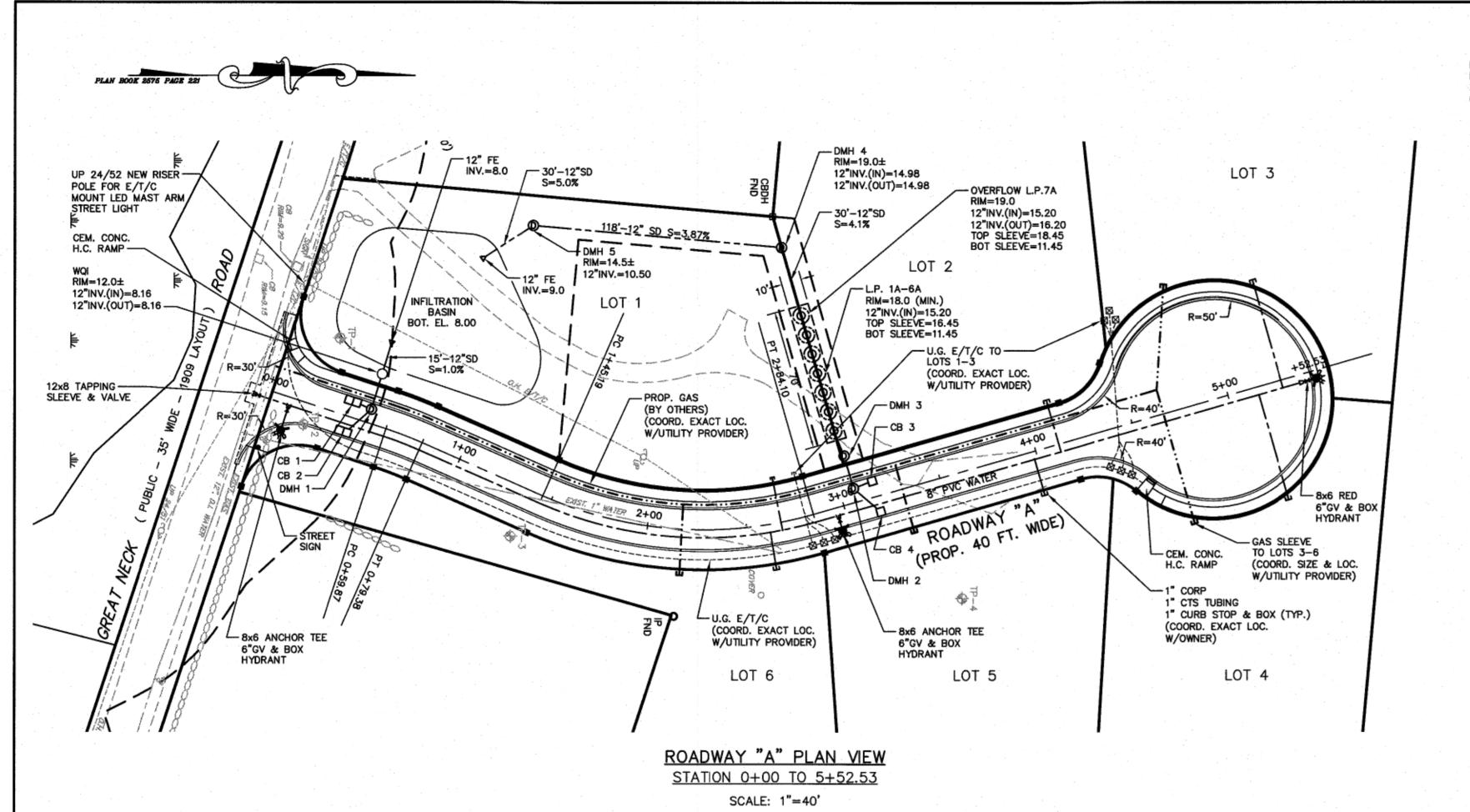


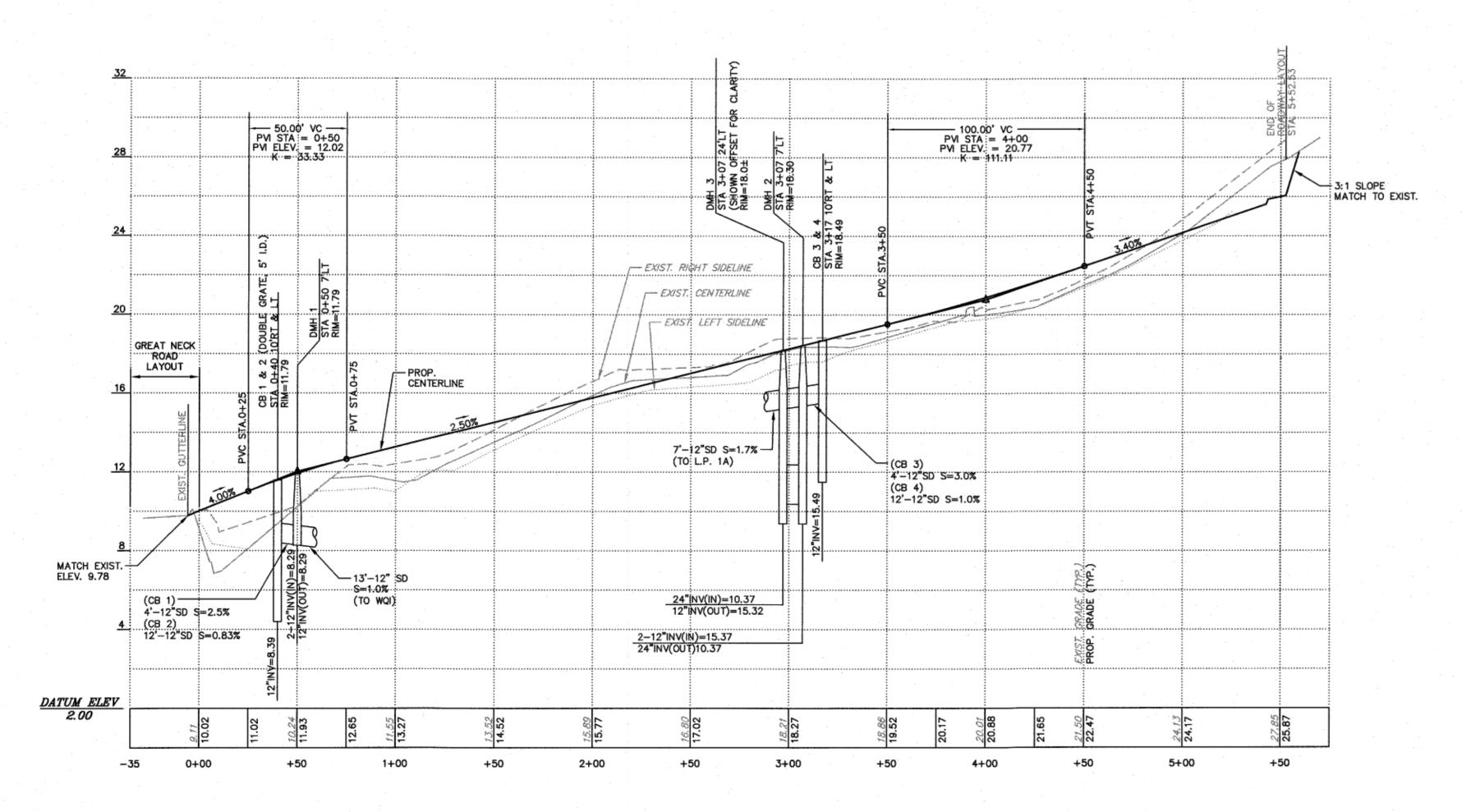
LOTTING PLAN Sheet 4 OF 8

**L**-





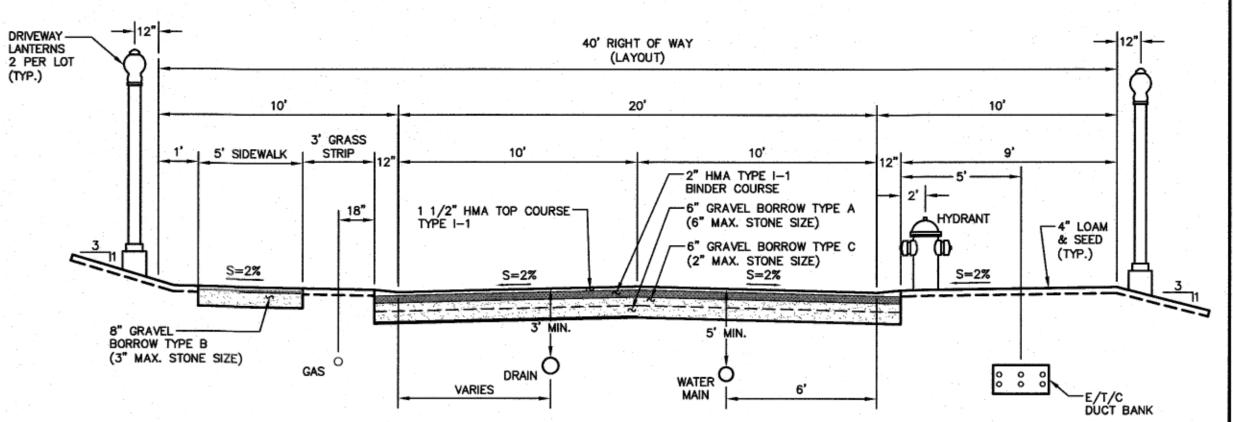




ROADWAY "A" PROFILE

STATION 0+00 TO 5+52.53

SCALE: 1"=40' HORIZONTAL 1"-4' VERTICAL



#### TYPICAL CROSS SECTION SCALE: 1"=4"

#### CONSTRUCTION BASELINE DATA

CONSTRUCTION BAGELINE BATA							
STATION TO STATION	BEARING	DISTANCE	RADIUS	LENGTH			
0+00.00 - 0+59.87	N 1811'19" E	59.87'					
0+59.87 - 0+79.38			200.00'	19.51			
		1 20 20 20		-,			
0+79.38 - 1+45.19	N 23'46'45" E	65.81'					
1+45.19 - 2+84.10			200.00'	138.91			
2+84.10 - 5+52.53	N 16°00'57" W	268.43'					

#### GENERAL NOTE:

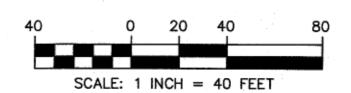
 UNLESS OTHERWISE NOTED ALL STORM DRAIN PIPING SHALL BE HDPE SMOOTH WALL INTERIOR AS MANUFACTURED BY ADS, INC. N-12 OR EQUAL.

WAREHAM PLANNING BOARD
APPROVAL UNDER SUBDIVISION
CONTROL LAW IS REQUIRED

I HEREBY CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE THE NOTICE OF APPROVAL FROM THE PLANNING BOARD WAS RECEIVED AND RECORDED AND NO NOTICE OF APPEAL HAS BEEN FILED IN THIS OFFICE.

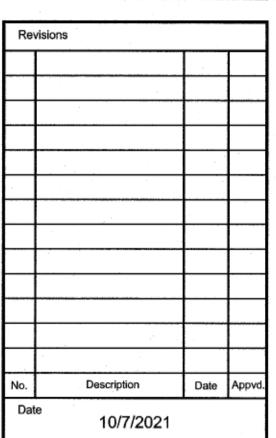
DATE ENDORSED:

TOWN CLERK, WAREHAM, MA DATE



## ■ NGINEERING CO., INC. CONSULTING ENGINEERS

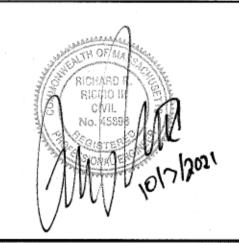
11D INDUSTRIAL DRIVE P.O. BOX 1178 MATTAPOISETT, MA 02739 TEL: (508) 758-2749 FAX: (508) 758-2849



1"=40'

Drawn By Designed By Checked By
RMS KJM RMF
Issued For

PERMITTING



# OF LAND

PLAN

DAVID ANDRADE

69 GREAT NECK ROAD

WAREHAM, MASSACHUSETTS

DEFINITIVE SUBDIVISION P SHELL POINT PLACE DAVID ANDRADE

Drawing Title

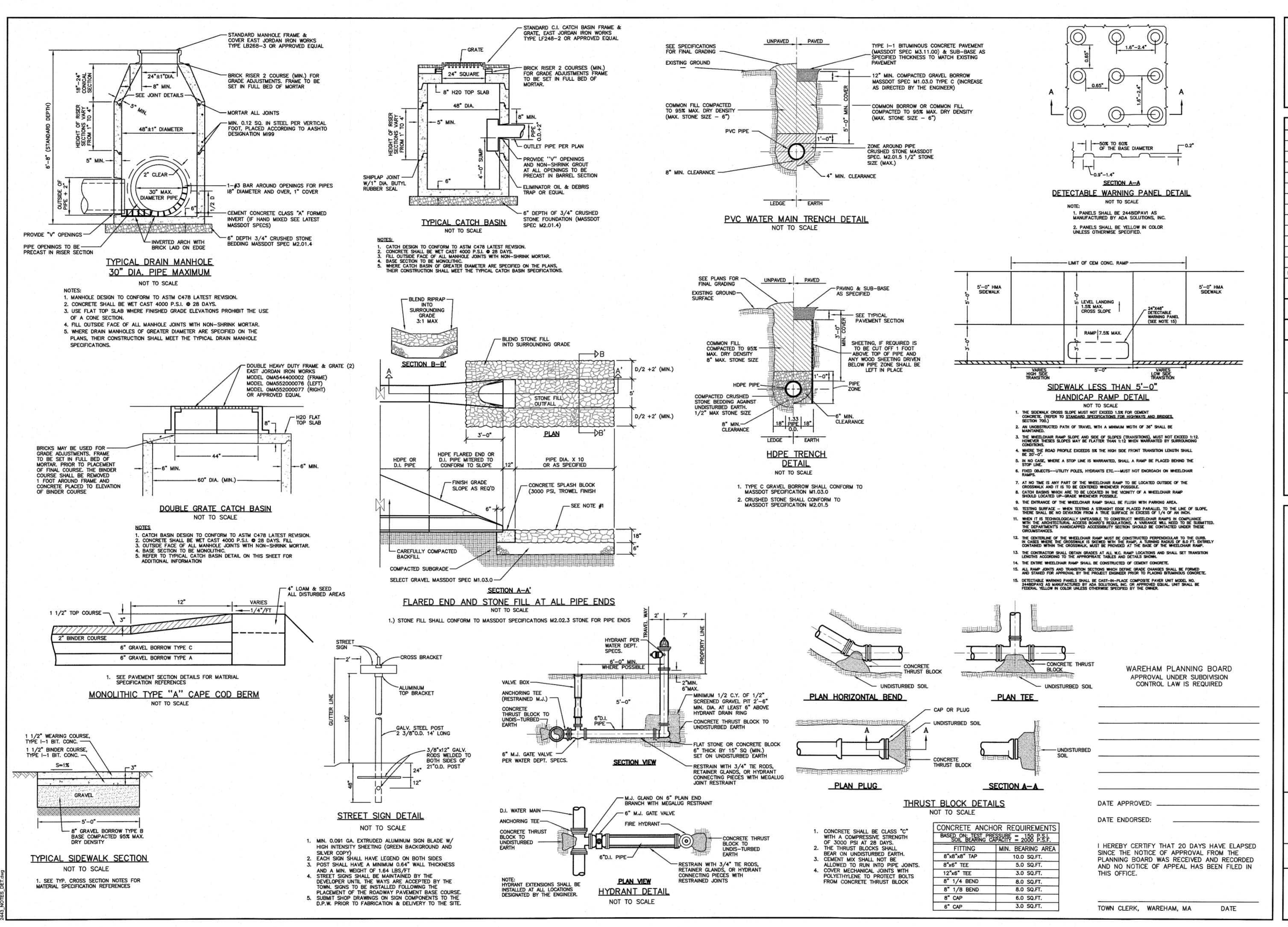
PLAN AND PROFILE

Project No. Sheet 2443 6

Sheet No.

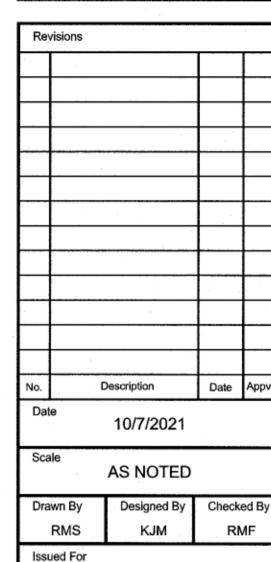
P-1

6 OF 8



CIELD NGINEERING CO., INC. CONSULTING ENGINEERS

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



101

PERMITTING

UBDIVISI PLACE 69 GREAT NECK ROAD WAREHAM, MASSACHU DE SH DA

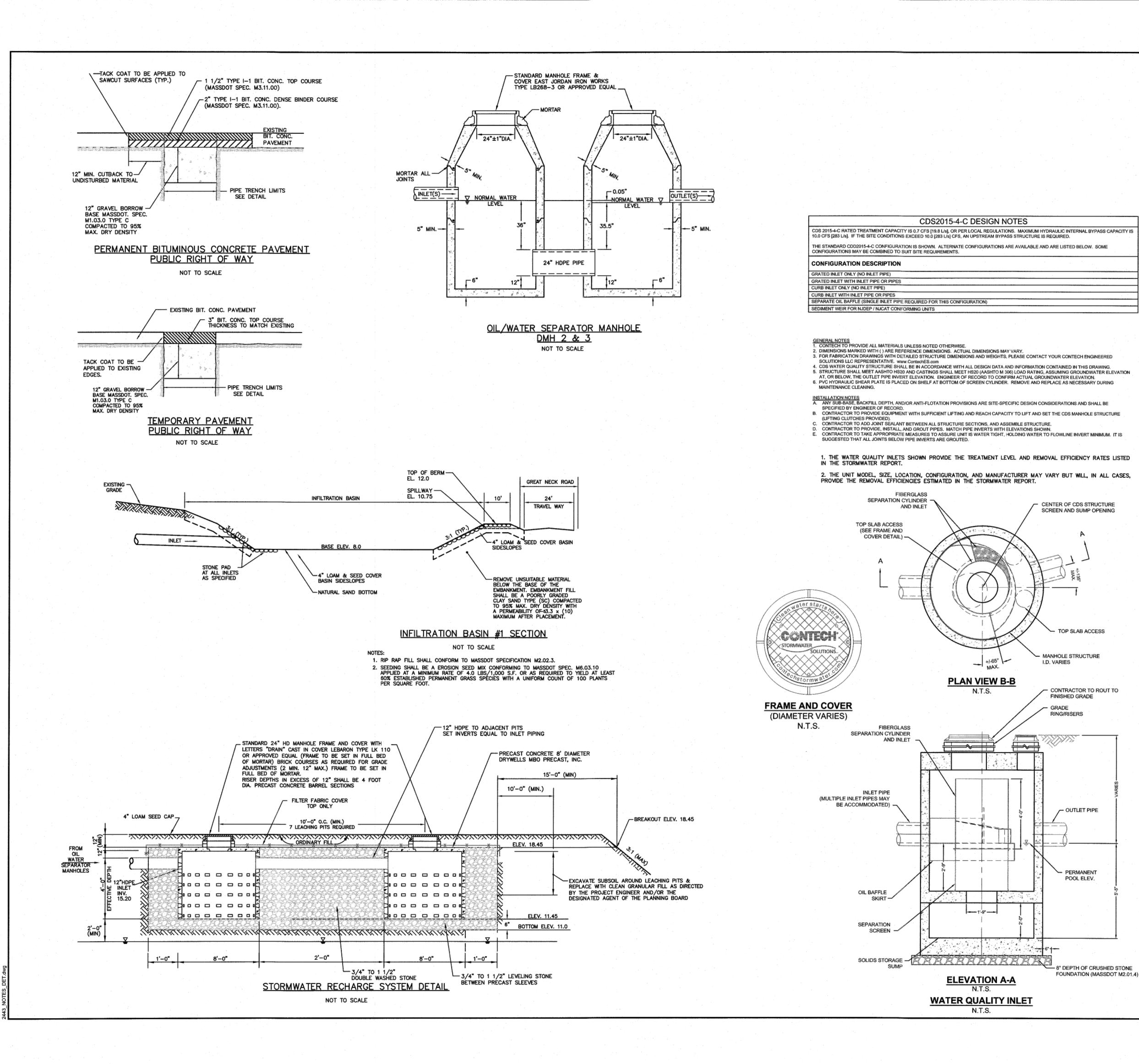
Я

O

Drawing Title

DETAIL SHEET

Project No. Sheet 7 OF 8 Sheet No.



WAREHAM PLANNING BOARD

APPROVAL UNDER SUBDIVISION

CONTROL LAW IS REQUIRED

I HEREBY CERTIFY THAT 20 DAYS HAVE ELAPSED

PLANNING BOARD WAS RECEIVED AND RECORDED

AND NO NOTICE OF APPEAL HAS BEEN FILED IN

DATE

SINCE THE NOTICE OF APPROVAL FROM THE

DATE APPROVED:

DATE ENDORSED:

THIS OFFICE.

TOWN CLERK, WAREHAM, MA

No. Description Date Appvd.

Date

10/7/2021

Scale

AS NOTED

CIELD

CO., INC.

11D INDUSTRIAL DRIVE

MATTAPOISETT, MA 02739 TEL: (508) 758-2749

P.O. BOX 1178

FAX: (508) 758-2849

NGINEERING

CONSULTING ENGINEERS

Prawn By Designed By Checked By RMS KJM RMF

Issued For

PERMITTING

FICHARD R.
RICCIO III
CAVIL
Ho. 45898

10/12021

SUBDIVISION PLAN OF LAND NT PLACE

DEFINITIVE SUBD SHELL POINT PLA DAVID ANDRADE 69 GREAT NECK ROAD WAREHAM, MASSACHU

Drawing Title

DETAIL SHEET

Project No. Sheet

2443 8 OF 8

Sheet No.

D-2