PERMIT AGENCY REVIEW PLAN FOR

MAJOR LAND DEVELOPMENT PROJECT 100 WAMPANOAG TRAIL MAP 408, BLOCK 10 PARCEL 24 WAMPANOAG TRAIL

EAST PROVIDENCE, RHODE ISLAND

ln

OWNER/APPLICANT 167 N QUIDNESSETT ROAD

TOM & KELLY CLAYTON PHONE: 703-597-1611 EMAIL: CONTACT@TOUCHDOWNREALTYGROUP.COM

STATE PERMITS:

1. RIDOT PHYSICAL ALTERATION PERMIT (CHANGE OF USE)

LOCAL PERMITS:

1. MAJOR LAND DEVELOPMENT #2024-07-LDP. MASTER PLAN DECISION DATED NOV. 25, 2024, BK 12 PG 190.

NOTES:

- 1. THIS IS NOT A SURVEY BOUNDARY PLAN. REFER TO SURVEY PREPARED BY STATE LINE LAND SURVEYING IN THIS PLAN SET.
- 2. THE PARCEL IS SITUATED IN ZONE X PER FEMA MAP NUMBER 44007C0336H, EFFECTIVE 9/18/2013.
- 3. THE SUBJECT PARCEL IS SITUATED IN SOIL CATEGORY 'CB' CANTON URBAN AND 'PD' PAXTON URBAN. BOTH SOILS TYPICALLY HAVE SEASONAL HIGH GROUNDWATER TABLES 6 FEET AND GREATER AND DEPTH TO BEDROCK 5 FEET AND GREATER AS INDICATED IN THE SOIL SURVEY OF RHODE
- 4. THERE ARE NO WETLANDS WITHIN 200 FEET OF SUBJECT PARCEL. REFER TO LETTER DATED OCTOBER 3, 2024 PREPARED BY AVIZINIS ENVIRONMENTAL SERVICES, INC.
- 5. ALL UTILITY LOCATIONS ARE APPROXIMATE BASED ON BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL CONTACT DIGSAFE PRIOR TO CONSTRUCTION AND SHALL LOCATE UTILITIES PRIOR TO CONSTRUCTION.



ENGINEERS & CONSULTANTS, INC.



400 SMITH STREET PROVIDENCE, RHODE ISLAND 02908 (401) 273-6600 JANUARY 26, 2025

TIMOTHY J. BEHAN PROFESSIONAL ENGINEER

REGISTERED



LOCUS MAP

LIST OF DRAWINGS

- TITLE SHEET
- EXISTING CONDITIONS/DEMO PLAN
- PROPOSED SOIL EROSION CONTROL PLAN-1
- PROPOSED SOIL EROSION CONTROL PLAN-2
- SHEET 1 OF 1 SURVEY PLAN BY STATE LINE LAND SURVEYING

PROJECT DATA

A.P. 408 BLOCK 10 PARCEL 24 BK 6709 PG 23 AREA = 65,397 S.F. (1.501 AC.)

<u>ZONE</u>: R−3

DIMENSIONAL REQUIREMENTS: <u>REQUIRED</u> <u>PROVIDED</u> 65,397 SQ. FT. LOT AREA (MIN.) 40,000 SQ. FT. LOT WIDTH 75 FEET 261± FEET LOT DEPTH 100 FEET 250± FEET FRONT YARD 79'-1" SIDE YARD 20 FEET 15'-4" REAR YARD 91'-8" 30 FEET BLDG. LOT COVERAGE (MAX.) 25% 16.1% IMPERVIOUS COVERAGE (MAX.) 45% 48.5% (EXISTING) IMPERVIOUS COVERAGE (MAX.) 45% 45.8% (PROPOSED) BUILDING HEIGHT (MAX.) 35 FEET <35 FEET BUILDING STORIES (MAX.) 2 STORY 2 STORY

UNITS PROPOSED:

STUDIO: 2 UNITS 1 BEDROOM: 22 UNITS 2 BEDROOM: 2 UNITS TOTAL: 26 UNITS

LOT AREA CALCULATIONS:

1,500 SF X 2 UNITS = 3,000 SF1 BEDROOM: 1,500 SF X 22 UNITS = 33,000 SF 2 BEDROOM: 2,000 SF X 2 UNITS = 4,000 SF 40,000 SF

PARKING CALCULATIONS:

REQUIRED PARKING:

DRAWING ISSUE:

☐ CUSTOMER APPROVAL

☐ CONCEPT

X PERMITTING

☐ AS-BUILT

OTHER:

☐ CONSTRUCTION

ONLY PLANS ISSUED FOR

CONSTRUCTION SHALL BE USED FOR

2 SPACES/UNIT = 2 X 26 UNITS = 52 REQUIRED

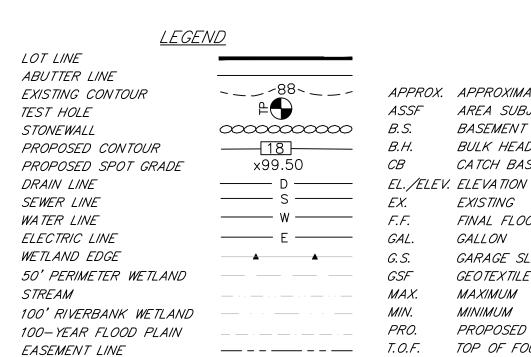
PROPOSED PARKING:

35 SPACES PROVIDED (1/UNIT + 7 EXTRA)

IMPERVIOUS CALCULATIONS:

EXISTING IMPERVIOUS = 31,686 SQ. FT. (48.5%) PROPOSED IMPERVIOUS = 29,926 SQ. FT. (45.8%) REDUCTION IN IMPERVIOUS = 1,760 SQ. FT. (2.7%)

CE&C PROJECT NO. 024092.00



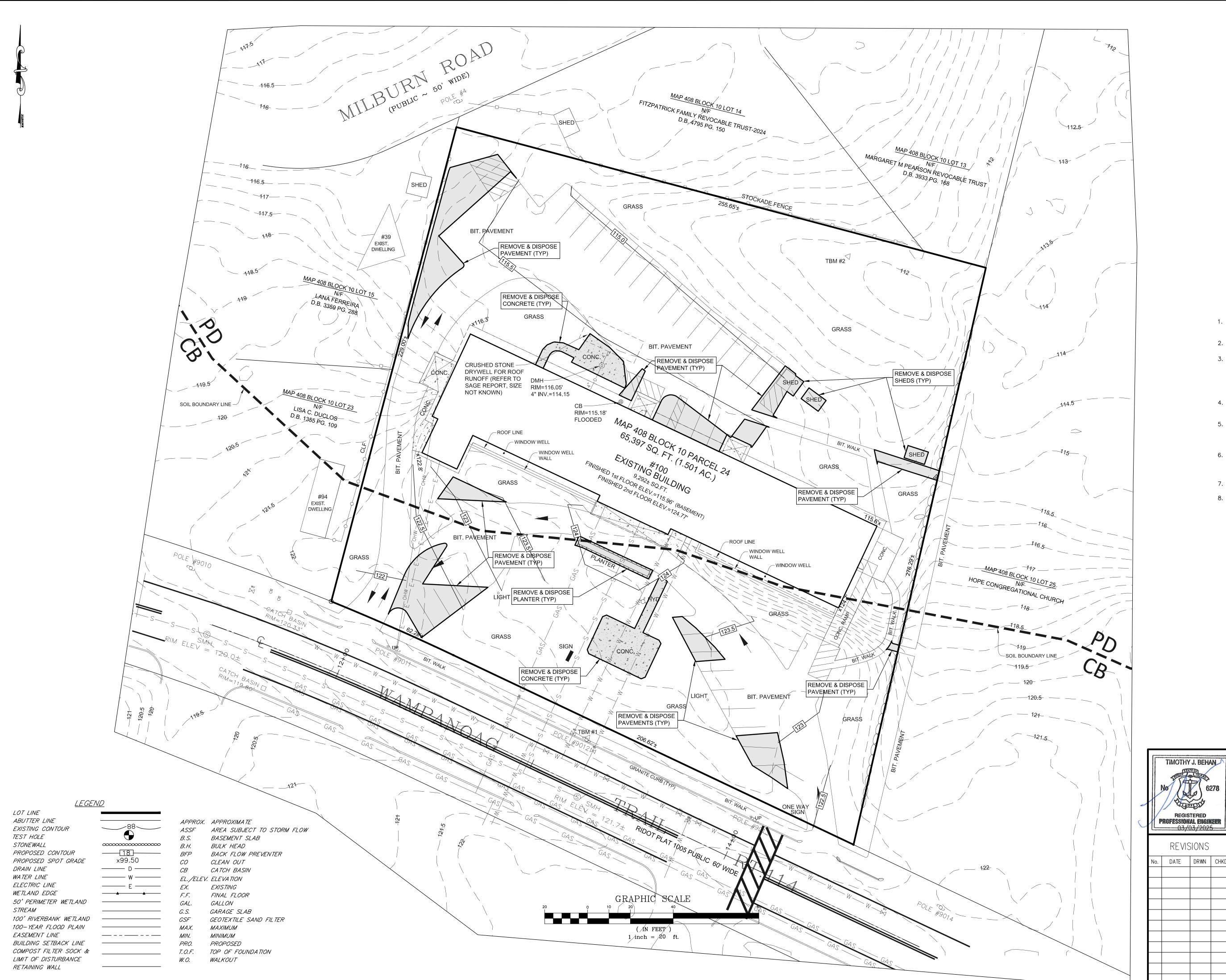
BUILDING SETBACK LINE --- W.O.

RETAINING WALL

----88---- APPROX. APPROXIMATE ASSF AREA SUBJECT TO STORM FLOW BASEMENT SLAB BULK HEAD CBCATCH BASIN EX. FINAL FLOOR GAL. GARAGE SLAB GEOTEXTILE SAND FILTER MINIMUM

TOP OF FOUNDATION

WALKOUT



PROJECT DATA

SUBJECT PARCEL:

A.P. 408 BLOCK 10 PARCEL 24 BK 6709 PG 23 AREA = 65,397 S.F. (1.501 AC.)

<u>ZONE</u>: R−3

DIMENSIONAL REQUIREMENTS: <u>REQUIRED</u> 40,000 SQ. FT. LOT AREA (MIN.) LOT WIDTH 75 FEET LOT DEPTH 100 FEET FRONT YARD 25 FEET SIDE YARD 20 FEET REAR YARD 30 FEET BLDG. LOT COVERAGE (MAX.) 25% IMPERVIOUS COVERAGE (MAX.) 45% IMPERVIOUS COVERAGE (MAX.) 45% BUILDING HEIGHT (MAX.) 35 FEET BUILDING STORIES (MAX.) 2 STORY

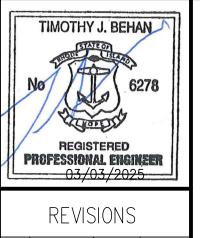
NOTES:

ELEV. 114.29'

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- 4. THERE ARE NO WETLANDS WITHIN 200 FEET OF SUBJECT PARCEL. REFER TO LETTER DATED OCTOBER 3, 2024 PREPARED BY AVIZINIS ENVIRONMENTAL SERVICES, INC.
- 5. TEMPORARY BENCHMARKS: TBM#1 NAIL SET AT BASE OF POLE 9012 ELEV. 122.42' TBM#2 NAIL SET AT BASE OF LARGE EVERGREEN TREE
- 6. ALL UTILITY LOCATIONS ARE APPROXIMATE BASED ON BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL CONTACT DIGSAFE PRIOR TO CONSTRUCTION AND SHALL LOCATE UTILITIES PRIOR TO CONSTRUCTION.
- 7. ELEVATIONS ARE BASED ON NAVD 88 AND TAKEN FROM NOAA LIDAR 2022 SERIES.
- 8. RUNOFF FROM THE ROOF DISCHARGES INTO A SUBSURFACE INFILTRATION SYSTEM AKA 'DRYWELL'. THE SIZE OF THE SYSTEM AND EXACT LOCATION IS NOT KNOWN BUT THE CRUSHED STONE DRYWELL STARTS ABOUT 6 FEET NORTH OF THE DRAIN MANHOLE. REFER TO SAGE ENVIRONMENTAL, INC. REPORT DATED NOVEMBER 25, 2024.

OWNER/APPLICANT TOUCHDOWN REALTY GROUP, LLC 167 N QUIDNESSETT ROAD NORTH KINGSTOWN, RI 02852

CONTACT: TOM & KELLY CLAYTON PHONE: 703-597-1611 EMAIL: CONTACT@TOUCHDOWNREALTYGROUP.COM





COMMONWEALTH

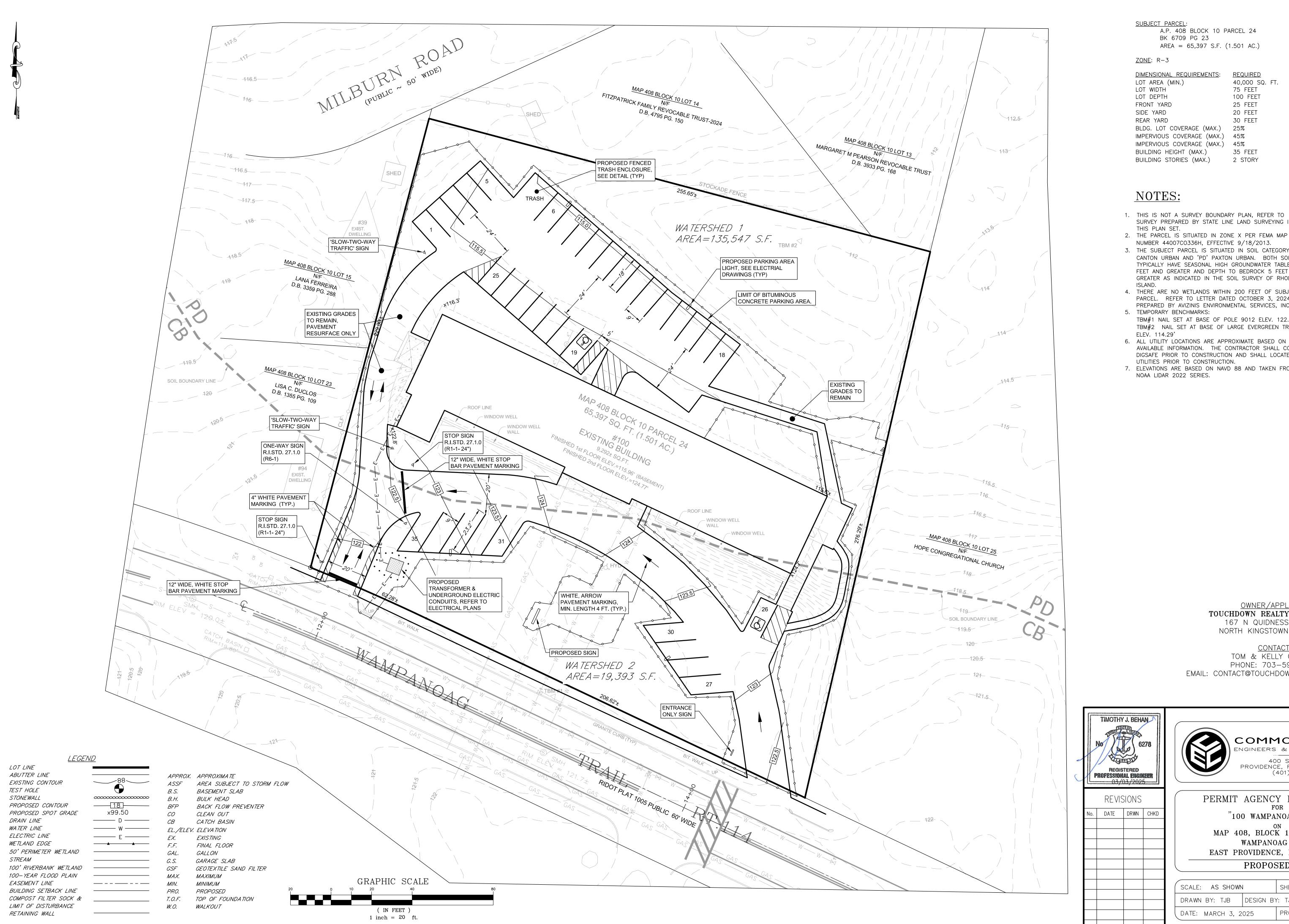
400 SMITH STREET PROVIDENCE, RHODE ISLAND 02908 (401) 273-6600

PERMIT AGENCY REVIEW PLAN "100 WAMPANOAG TRAIL"

MAP 408, BLOCK 10 PARCEL 24 WAMPANOAG TRAIL EAST PROVIDENCE, RHODE ISLAND

EXISTING CONDITIONS/DEMO PLAN

SCALE: AS SHOWN	SHEET NO	SHEET NO: 2 OF 6	
DRAWN BY: TJB D	ESIGN BY: TJB	CHECKED BY: TJB	
DATE: MARCH 3, 202	PROJECT	NO 24092.00	



A.P. 408 BLOCK 10 PARCEL 24

<u>DIMENSIONAL REQUIREMENTS</u> : LOT AREA (MIN.) LOT WIDTH	<u>REQUIRED</u> 40,000 SQ. FT. 75 FEET	PROVIDED 65,397 SQ. FT. 261± FEET
LOT DEPTH	100 FEET	250± FEET
FRONT YARD	25 FEET	79'-1"
SIDE YARD	20 FEET	15'-4"
REAR YARD	30 FEET	91'-8"
BLDG. LOT COVERAGE (MAX.)	25%	16.1%
IMPERVIOUS COVERAGE (MAX.)	45%	48.5% (EXISTING)
IMPERVIOUS COVERAGE (MAX.)	45%	45.8% (PROPOSED)
BUILDING HEIGHT (MAX.)	35 FEET	<35 FEET
BUILDING STORIES (MAX.)	2 STORY	2 STORY

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OWNER/APPLICANT TOUCHDOWN REALTY GROUP, LLC 167 N QUIDNESSETT ROAD NORTH KINGSTOWN, RI 02852

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COMMONWEALTH

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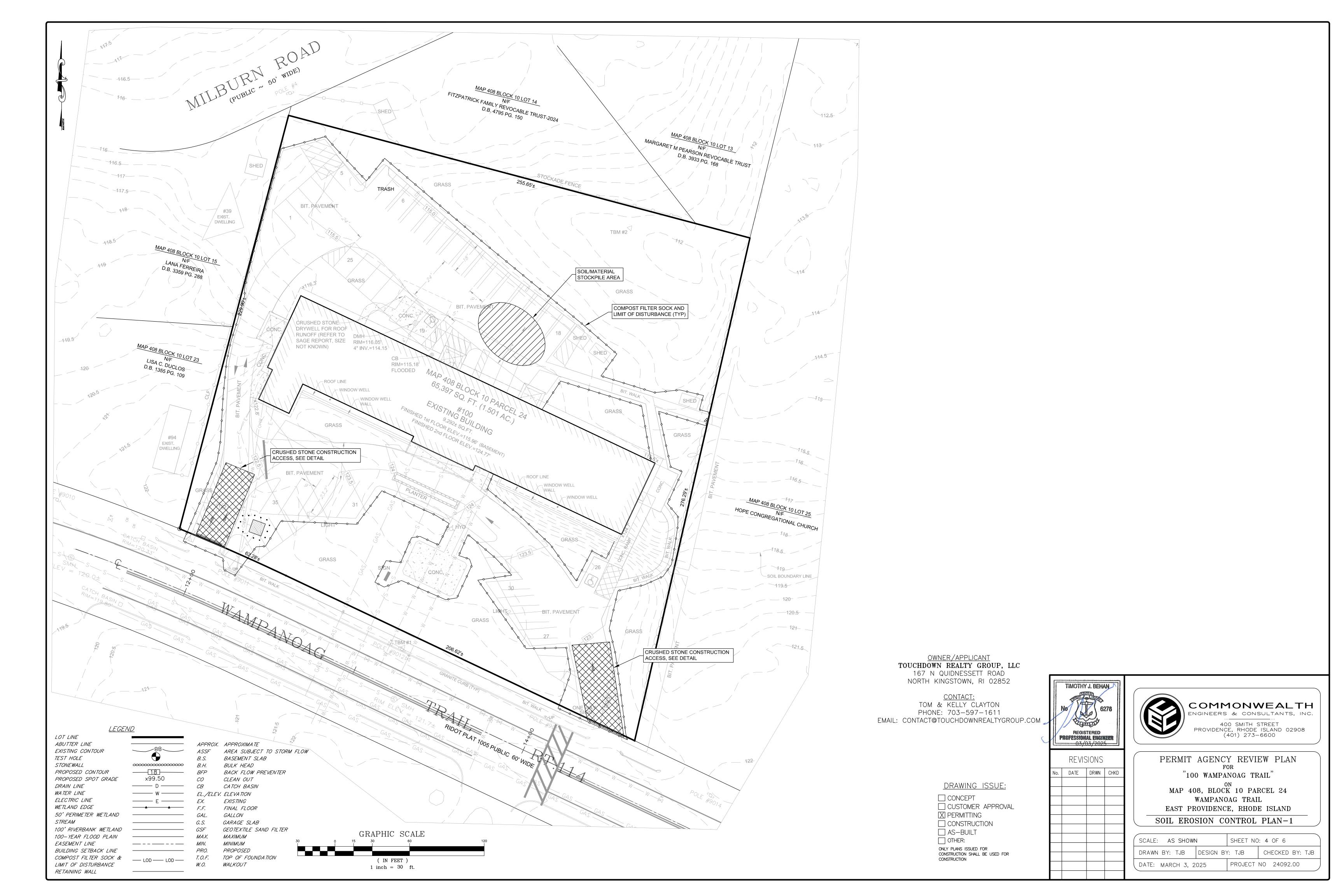
NGINEERS & CONSULTANTS, INC.

PERMIT AGENCY REVIEW PLAN "100 WAMPANOAG TRAIL"

> MAP 408, BLOCK 10 PARCEL 24 WAMPANOAG TRAIL EAST PROVIDENCE, RHODE ISLAND

> > PROPOSED PLAN

SHEET NO: 2 OF 6 DRAWN BY: TJB DESIGN BY: TJB CHECKED BY: TJB PROJECT NO 24092.00



GENERAL NOTES

- 1. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO OBTAIN ANY AND ALL PERMITS REQUIRED BY THE STATE OF RHODE ISLAND AND THE MUNICIPALITY PRIOR TO COMMENCING ANY WORK.
- 2. IT SHALL ALSO BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO MAINTAIN THE INTEGRITY OF ALL EXISTING UTILITIES, STRUCTURES, AND
- ABUTTING PROPERTIES. THE COST OF ANY REPAIR OR REPLACEMENT OF DAMAGED ITEMS SHALL BE BORNE BY THE CONTRACTOR. 3. ALL WORK PERFORMED HEREIN SHALL BE GOVERNED BY THE "R.I. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION LATEST REVISION" WITH ALL CORRECTIONS AND ADDENDA AND THE R.I. STANDARD DETAILS WITH ALL CORRECTIONS AND ADDENDA AND THE LOCAL MUNICIPALITY'S STANDARD SPECIFICATIONS AND DETAILS
- 4. EMBANKMENT SLOPES AND ALL DISTURBED AREAS ARE TO RECEIVE 4" OF TOPSOIL AND SEEDED, SEE EROSION CONTROL PROGRAM.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL TEMPORARY SEDIMENTATION AND EROSION
- 6. THE LOCATION OF EXISTING UTILITIES AS SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR. "DIG SAFE" SHALL BE CONTACTED BY THE CONTRACTOR AS PART OF THIS VERIFICATION.
- 7. IN ALL EXCAVATION AND PLACEMENT OF FILL, THE CONTRACTOR SHALL PERFORM THE WORK IN FULL COMPLIANCE WITH THE R.I. STANDARD SPECIFICATION SECTION 202, AS AMENDED.
- 8. ALL EXCESS SOIL, STUMPS, TREES, ROCKS, BOULDERS, AND OTHER REFUSE SHALL BE DISCARDED OFF SITE, IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

EROSION CONTROL & SOIL STABILIZATION PROGRAM:

- 1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARDS AND PROCEDURES SET FORTH IN THE TOWN SUBDIVISION REGULATIONS AND ZONING ORDINANCES; RHODE ISLAND STORMWATER DESIGN AND INSTALLATION STANDARDS MANUAL, AS AMENDED AS PREPARED BY THE RIDEM AND CRMC; AND RHODE ISLAND EROSION AND SEDIMENT CONTROL HANDBOOK AS PREPARED BY THE US DEPT. OF AGRICULTURE, SOIL CONSERVATION SERVICE, 1989, (AS REVISED).
- 2. ALL RHODE ISLAND STANDARD DETAILS FOR CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION 2004 EDITION AND ALL ADDENDUMS.
- 3. INFILTRATION PRACTICES, IF APPLICABLE. SHALL NEVER SERVE AS A SEDIMENT CONTROL DEVICE DURING SITE CONSTRUCTION PHASE. GREAT CARE MUST BE TAKEN TO PREVENT ANY INFILTRATION AREA FROM COMPACTION BY MARKING OFF THE LOCATION BEFORE THE START OF CONSTRUCTION AT THE SITE AND CONSTRUCTING THE INFILTRATION PRACTICE LAST, CONNECTING UPSTREAM DRAINAGE AREAS ONLY AFTER CONSTRUCTION IS COMPLETE, AND THE CONTRIBUTING AREA IS STABILIZED. THE CONTRACTOR SHALL SUBMIT A PLAN TO THE TOWN (FOR APPROVAL) HOW SEDIMENT WILL BE PREVENTED FROM ENTERING THE SITE OF AN INFILTRATION FACILITY.
- 4. EXTREME CARE SHALL BE EXERCISED AS TO PREVENT ANY MATERIALS FROM ENTERING WETLANDS, THE ROADWAYS, ROADWAY DRAINAGE SYSTEMS, AND ADJACENT PROPERTY
- 5. COMPOST FILTER BERM, COMPOST FILTER SOCK, STRAW BALES OR SILT FENCE SHALL BE INSTALLED WHERE SHOWN ON THE PLAN AND AS REQUIRED
- TO PREVENT SEDIMENTATION ONTO ADJACENT PROPERTIES. WETLANDS AND THE ROADWAY DRAINAGE SYSTEM. 6. DENUDED SLOPES SHALL NOT BE UNATTENDED OR EXPOSED FOR MORE THAN 2 WEEKS OF TIME OR FOR THE INACTIVE WINTER SEASON
- 7. NO UNDISTURBED AREAS SHALL BE CLEARED OF EXISTING VEGETATION AFTER OCTOBER 15 OF ANY CALENDAR YEAR OR DURING ANY PERIOD OF FULL OR LIMITED WINTER SHUTDOWN. ALL DISTURBED SOILS EXPOSED PRIOR TO OCTOBER 15 OF ANY CALENDAR YEAR SHALL BE SEEDED OR PROTECTED BY THAT DATE. ANY SUCH AREAS THAT DO NOT HAVE ADEQUATE VEGETATIVE STABILIZATION, AS DETERMINED BY THE RESIDENT ENGINEER OR ENVIRONMENTAL INSPECTOR, BY NOVEMBER 15 OF ANY CALENDAR YEAR, MUST BE STABILIZED THROUGH THE USE OF EROSION CONTROL MATTING OR STRAW MULCH, IN ACCORDANCE WITH SPECIFICATIONS CONTAINED WITHIN THE R.I. SOIL EROSION AND SEDIMENT CONTROL HANDBOOK. IF WORK CONTINUES WITHIN ANY OF THESE AREAS DURING THE PERIOD FROM OCTOBER 15 THROUGH APRIL 15, CARE MUST BE TAKEN TO ENSURE THAT ONLY THE AREA REQUIRED FOR THAT DAY'S WORK IS EXPOSED, AND ALL ERODIBLE SOIL MUST BE RESTABILIZED WITHIN 5 WORKING DAYS. ANY WORK TO CORRECT PROBLEMS RESULTING FROM FAILURE TO COMPLY WITH THIS PROVISION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THERE WILL B NO SEPARATE PAYMENT FOR THIS PROVISION, IT SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OPERATIONS. STABILIZATION OF ONE FORM OR ANOTHER AS DESCRIBED ABOVE SHALL BE ACHIEVED WITHIN 2 WEEKS OF FINAL GRADING.

PREPARE TEMPORARY SEEDING AREA, PROVIDE AND PLANT SEED IN ACCORDANCE WITH 'TEMPORARY VEGETATIVE COVER' AS DESCRIBED IN THE 'RHODE ISLAND EROSION AND SEDIMENT CONTROL HANDBOOK" AS PREPARED BY THE US DEPT. OF AGRICULTURE, SOIL CONSERVATION SERVICE, 1989, (AS REVISED).

SEED MIX: 1.5 LBS/1,000 SQ. FT. ANNUAL RYE GRASS

- TEMPORARY TREATMENTS TO STABILIZE EXPOSED SOILS SHALL CONSIST OF COMPOST FILTER BERM, STRAW OR FIBER MULCH OR PROTECTIVE COVERS, SUCH AS A MAT OR FIBER LINING (BURLAP, JUTE, FIBERGLASS NETTING, EXCELSIOR BLANKETS). THEY SHALL BE INCORPORATED INTO THE WORK WHEN SOILS ARE EXPOSED FOR TWO WEEKS OR MORE OR AS ORDERED BY THE TOWN, ENGINEER OR OWNER AT NO ADDITIONAL COST.
- STRAW APPLICATIONS SHALL BE IN THE AMOUNT OF 3,000-4,000 LBS/ACRE 10. ALL NEW COMPOST FILTER BERM OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED
- GROUND COVER IS ESTABLISHED AND POTENTIAL SEDIMENTATION SOURCES ARE REMOVED. STOCKPILES SHALL HAVE NO SLOPE GREATER THAN 2:1 AND SHALL BE SURROUNDED BY COMPOST FILTER BERM, COMPOST FILTER SOCK OR SILT FENCE. STOCKPILES EXPOSED FOR EXCESSIVE PERIODS OF TIME SHALL RECEIVE TEMPORARY TREATMENT CONSISTING OF PLANTING ANNUAL RYE GRASS OR PROTECTING WITH STRAW OR FIBER MATTING.
- 12. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL MAINTENANCE AND SHALL INSPECT/REPLACE AS
- ADDITIONAL COMPOST FILTER BERMS OR OTHER TREATMENTS SHALL BE PROVIDED AS DIRECTED BY ENGINEER, RIDEM OR LOCAL REPRESENTATIVES AT NO ADDITIONAL COST.
- 14. THE CONTRACTOR SHALL INSPECT THE SOIL EROSION CONTROL DEVICES AFTER EVERY RAIN STORM EVENT AND EVERY 7 DAYS (WHICH EVER COMES FIRST). ANY SOIL MIGRATION PAST THE DEVICES SHALL BE REMOVED AND THE SOIL EROSION CONTROL DEVICES SHALL BE RE-ESTABLISHED TO
- PREVENT SOIL EROSION. ALL ACCUMULATED SEDIMENT IN FRONT OF THE DEVICES SHALL BE REMOVED AFTER EVERY RAIN STORM EVENT. 15. ALL DISTURBED SOIL AREAS SHALL BE PROTECTED AGAINST SOIL EROSION BY PLACEMENT OF COMPOST FILTER BERMS, COMPOST FILTER SOCKS AND/OR SILT FENCE ON THE DOWN GRADIENT SIDE OF THE DISTURBED AREA(S). SHOULD THE VOLUME AND/OR RATE OF STORMWATER RUNOFF BE TOO GREAT FOR A SINGLE DEVICE. THEN MULTIPLE DEVICES ARE REQUIRED SUCH AS SILT FENCE BACKED-UP WITH STRAWBALES. THESE ADDITIONAL DEVICES ARE NOT SHOWN ON THE PLAN BUT SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AT NO ADDITIONAL COST TO
- 16. AT THE END OF THE PROJECT ALL SEDIMENT IN MANHOLE SUMPS SHALL BE REMOVED, IF APPLICABLE.
- 17. PERMANENT (FINAL) VEGETATION SHALL BE PLANTED AND SUPPLEMENTAL EROSION CONTROL MEASURES SHALL BE INSTALLED AS SOON AS PRACTICABLE.

PREPARE SEEDING AREA, PROVIDE AND PLANT SEED IN ACCORDANCE WITH 'PERMANENT VEGETATIVE COVER' AS DESCRIBED IN THE 'RHODE ISLAND EROSION AND SEDIMENT CONTROL HANDBOOK" AS PREPARED BY THE US DEPT. OF AGRICULTURE, SOIL CONSERVATION SERVICE, 1989, (AS REVISED).

ALL AREAS COMPACTED FROM CONSTRUCTION ACTIVITY AND VEHICLES SHALL BE UNCOMPACTED BY TILLING THE TOP 12" OF SOIL PRIOR TO PLANTING.

SEED MIXES:

HOUSE LAWN MIX: RED FESCUE 0.90 LBS/1,000 SQ. FT. 0.90 LBS/1,000 SQ. FT. KENTUCKY BLUEGRASS PERENNIAL RYEGRASS 0.45 LBS/1,000 SQ. FT.

ROAD SHOULDER/GENERAL PURPOSE MIX: RED FESCUE 1.75 LBS/1,000 SQ. FT. COLONIAL BENTGRASS 0.11 LBS/1,000 SQ. FT. PERENNIAL RYEGRASS 0.11 LBS/1,000 SQ. FT. 0.35 LBS/1,000 SQ. FT. BIRDSFOOT TREFOIL

WETLAND BUFFER ZONE MIX:

SEE 'NEW ENGLAND CONSERVATION/WILDLIFE MIX' THIS SHEET

STORMWATER DITCHES, DETENTION POND MIX: CREEPING RED FESCUE 0.45 LBS/1,000 SQ. FT. TALL FESCUE 0.45 LBS/1,000 SQ. FT.

- 18. UNTIL A DISTURBED AREA IS STABILIZED, SEDIMENT IN THE RUNOFF WATER SHALL BE TRAPPED BY THE USE OF SEDIMENT TRAPS OR SIMILAR
- 19. DURING GRADING OPERATIONS, APPROPRIATE MEASURES FOR DUST CONTROL SHALL BE EXERCISED BY USE OF SPRAY WATER APPLIED OR APPROVED EQUAL
- 20. THE CONTRACTOR SHALL INSPECT AND MAINTAIN THE EROSION AND SEDIMENT CONTROL SYSTEM (INCLUDING POLLUTION PREVENTION TECHNIQUES) AS SPECIFIED ON DRAWINGS/STATE & LOCAL PERMITS AFTER EACH RAINSTORM EVENT AND ON A WEEKLY BASIS. PROFESSIONAL SHALL A SITE SPECIFIC STORM WATER POLLUTION PREVENTION PLAN FOR THE CONTRACTOR AND MAINTAIN RECORDS IN ACCORDANCE WITH RIDEM RIPDES REGULATIONS.
- 21. THE CONTRACTOR MUST REPAIR AND/OR RESEED ANY AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION AND SHALL DO SO AT NO ADDITIONAL EXPENSE TO THE OWNER.

NARRATIVE:

- 1. PROJECT DESCRIPTION: THE PROPOSED PROJECT CONSISTS OF REDEVELOPING AN EXISTING BUILDING/PARKING AREA AND NEW ELECTRIC UTILITY.
- 2. <u>AREA:</u> AREA WITHIN LIMIT OF DISTURBANCE = 0.80 ACRES
- 3. BASE FLOOD ELEVATION: THE PARCELS FALL WITHIN ZONE PER FEMA MAP NUMBER 44007C0336H, EFFECTIVE 9/18/2013.
- 4. PROPOSED STORWATER SYSTEM(S): THE OVERALL PROJECT WAS DESIGNED TO REDUCE RUNOFF FROM PRE PROJECT CONDITIONS THRU THE 100-YR STORM. THE AMOUNT OF IMPERVIOUS SURFACE HAS DECREASED
- 5. <u>SUMMARY OF SOIL EROSION CONTROLS:</u> AREAS DOWN GRADIENT OF A DISTURBED AREAS SHALL BE PROTECTED WITH COMPOST FILTER SOCK AS SHOWN ON THE PLAN/DETAILS. ALL SOIL STOCK PILE AREAS SHALL BE PROTECTED FROM SOIL EROSION AS SHOWN ON THE DETAIL. ACCESS POINTS INTO THE SITE WILL BE STABILIZED WITH CRUSHED STONE. STABILIZE ALL DISTURBED AREAS AS SOON AS POSSIBLE.
- 6. SCHEDULE: START IMMEDIATELY AFTER RECEIPT OF LOCAL AND STATE PERMITS (SPRING 2025) AND BE COMPLETE BY (SPRING 2026)
- 7. <u>CONTACT:</u> OWNER OF PROPERTY.

LONG-TERM POLLUTION PREVENTION NOTES:

SITE OWNER/OPERATOR SHALL REFER TO AND FOLLOW THE APPROVED OPERATION & MAINTENANCE (O&M) PLAN PREPARED FOR THIS PROJECT. A BRIEF SUMMARY OF LONG-TERM POLLUTION PREVENTION TECHNIQUES THAT MAY BE APPLIED TO THE PROJECT (AS APPROPRIATE) IS PROVIDED BELOW. PLEASE REFER TO THE LATEST RI STORMWATER DESIGN AND INSTALLATION STANDARDS. MANUAL FOR FULL EXPLANATIONS AND DETAILS WHICH CAN BE DOWNLOADED OFF THE DEM WEBSITE .:

- OWNER TO PROVIDE TRASH CONTAINER. CONTAINER TO HAVE A COVER TO PREVENT TRASH FROM BLOWING OUT.
- SWEEP COMMON DRIVEWAY ANNUALLY PET WASTE STATIONS THAT PROVIDE BAGS AND WASTE CONTAINERS ARE RECOMMENDED.
- HAZARDOUS MATERIALS CONTAINMENT:
- A. STORE ALL HAZARDOUS MATERIALS INSIDE STORAGE LOCKERS OR OTHER APPROVED METHODS WHICH HAVE SECONDARY
- B. SECONDARY CONTAINMENT MUST BE INCLUDED WHEREVER SPILLS MIGHT OCCUR (E.G. FUELING AND HAZARDOUS MATERIAL TRANSFER AND LOADING AREAS).

ROADS AND PARKING AREA MANAGEMENT

- B. USE DEICING CHEMICALS AND SAND JUDICIOUSLY, AS THEY HAVE THE POTENTIAL TO CAUSE WATER QUALITY PROBLEMS. PROVIDE AND SPREAD IN ACCORDANCE WITH O&M RECOMMENDATIONS
- PLOW SNOW AND STORE ACCUMULATED SNOW PILES AWAY FROM INFILTRATION PRACTICES. KEEP SNOW PILES 50 FEET FROM WETLAND EDGE AND AREA SUBJECT TO STORM FLOW.
- DEBRIS SHOULD BE CLEANED FROM THE SITE PRIOR USING THE SITE FOR SNOW DISPOSAL DEBRIS SHOULD BE CLEARED FROM THE SITE AND PROPERLY DISPOSED OF AT THE END OF THE SNOW SEASON.

D. DELETED. 4. LAWN, GARDEN, AND LANDSCAPE MANAGEMENT:

- A. LAWN CONVERSION REDUCE THE AMOUNT OF LAWN BY REPLANTING LAWN WITH GARDEN BEDS CONTAINING FLOWERS/SHRUBS. LAWNS REQUIRE MORE MAINTENANCE THAN FLOWER BEDS.
- SOIL BUILDING MAINTAIN A HEALTHY LAWN BY TESTING SOIL FOR pH, FERTILITY, COMPACTION, TEXTURE, AND
- GRASS SELECTION SELECT DROUGHT TOLERANT GRASS SPECIES
- MOWING AND THATCH MANAGEMENT MAINTAIN GRASS AT MINIMUM 3 TO 4 INCHES IN HEIGHT. THIS WILL REDUCE WEED GROWTH.
- <u>FERTILIZATION</u> MINIMIZE FERTILIZATION. FERTILIZE NO MORE THAN TWICE A YEAR. APPLY CAREFULLY SO FERTILIZER DOES NOT SPREAD ONTO IMPERVIOUS SURFACES.
- WEED MANAGEMENT NEVER USE CHEMICAL HERBICIDES TO ELIMINATE OR CONTROL WEEDS. OWNER SHALL REMOVE WEEDS BY PULLING OR DIGGING OUT.
- G. PEST MANAGEMENT LIMIT PESTICIDE USE. CHOOSE PESTICIDES THAT POSE THE LEAST RISK TO HUMAN HEALTH AND THE ENVIRONMENT
- H. SENSIBLE IRRIGATION WATER NO MORE THAN 1" PER WEEK. USE DROUGHT-RESISTANT GRASSES. CUT GRASS AT 3-4 INCHES.

5. <u>SNOW DISPOSAL:</u>

- A. AVOID DISPOSING OF SNOW ON TOP OF STORM DRAIN CATCH BASINS OR IN STORMWATER DRAINAGE SWALES OR DITCHES. SNOW COMBINED WITH SAND AND DEBRIS MAY BLOCK A STORM DRAINAGE SYSTEM, CAUSING LOCALIZED FLOODING. IN ADDITION, A HIGH VOLUME OF SAND, SEDIMENT, AND LITTER RELEASED FROM MELTING SNOW MAY BE QUICKLY TRANSPORTED THROUGH THE DRAINAGE SYSTEM INTO SURFACE WATER.
- DRIVEWAY AND PARKING SEALANTS:

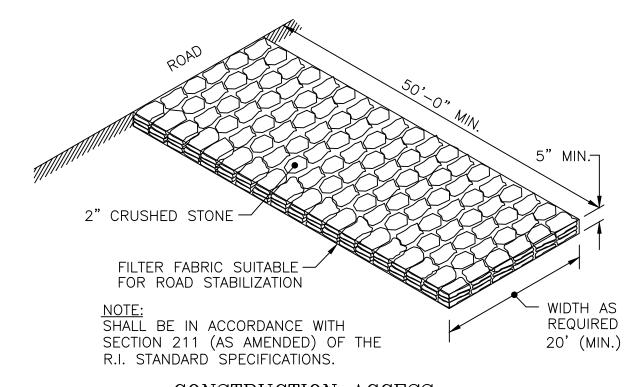
A. DELETED. 7. DEICING REQUIREMENTS

- A. <u>STORAGE</u>
 - * SALT STORAGE PILES SHOULD BE COMPLETELY COVERED, IDEALLY BY A ROOF, AND AT A MINIMUM, BY A WEIGHTED TARP, AND STORED ON IMPERVIOUS SURFACES. THE DEM GROUNDWATER QUALITY RULES REQUIRE THAT DEICER MATERIALS BE COVERED IN AREAS WHERE THE GROUNDWATER IS CLASSIFIED GAA OR GA.
 - * RUNOFF SHOULD BE CONTAINED IN APPROPRIATE AREAS. * SPILLS SHOULD BE CLEANED UP AFTER LOADING OPERATIONS. THE MATERIAL MAY BE DIRECTED TO A SAND PILE OR RETURNED TO SALT PILES.
 - * AVOID STORAGE IN DRINKING WATER SUPPLY AREAS, WATER SUPPLY AQUIFER RECHARGE AREAS, AND PUBLIC WELLHEAD PROTECTION AREAS. APPLICATION:
 - * APPLICATION RATE OF DEICING MATERIALS SHOULD BE TAILORED TO ROAD CONDITIONS (I.E., HIGH VERSUS LOW VOLUME ROADS).
 - * TRUCKS SHOULD BE EQUIPPED WITH SENSORS THAT AUTOMATICALLY CONTROL THE DEICER SPREAD RATE. * DRIVERS AND HANDLERS OF SALT AND OTHER DEICERS SHOULD RECEIVE TRAINING TO IMPROVE EFFICIENCY, REDUCE LOSSES. AND RAISE AWARENESS OF ENVIRONMENTAL IMPACTS.

STABILIZE SOILS:

 ANY DISTURBED AREAS THAT WILL NOT HAVE ACTIVE CONSTRUCTION ACTIVITY OCCURRING WITHIN 14 DAYS MUST BE STABILIZED USING THE CONTROL MEASURES DEPICTED IN THE SESC SITE PLANS. IN ACCORDANCE WITH THE RI SESC HANDBOOK. AND PER MANUFACTURER PRODUCT SPECIFICATIONS.

ONLY AREAS THAT CAN BE REASONABLY EXPECTED TO HAVE ACTIVE CONSTRUCTION WORK BEING PERFORMED WITHIN 14 DAYS OF DISTURBANCE WILL BE CLEARED/GRUBBED AT ANY ONE TIME. IT IS NOT ACCEPTABLE TO CLEAR AND GRUB THE ENTIRE CONSTRUCTION SITE IF PORTIONS WILL NOT BE ACTIVE WITHIN THE 14-DAY TIME FRAME. PROPER PHASING OF CLEARING AND GRUBBING ACTIVITIES SHALL INCLUDE TEMPORARY STABILIZATION TECHNIQUES FOR AREAS CLEARED AND GRUBBED THAT WILL NOT BE ACTIVE WITHIN THE 14-DAY TIME FRAME.



CONSTRUCTION ACCESS

SEQUENCE AND STAGING OF LAND DISTURBING ACTIVITIES

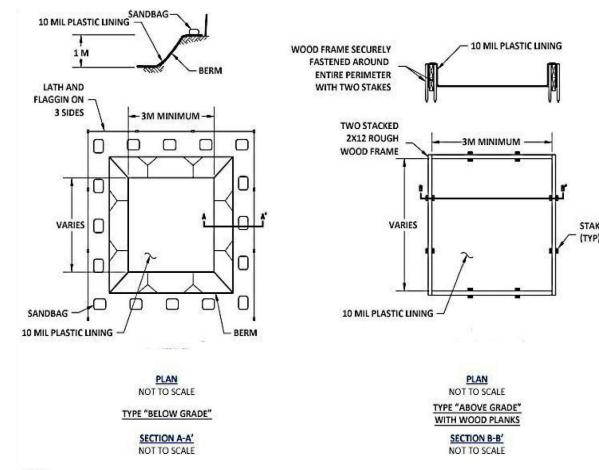
- CONTRACTOR TO REFER TO RIDOT AND TOWN PERMITS PRIOR TO CONSTRUCTION.
- KEEP A COPY OF THE PERMITS AND APPROVED SITE PLAN SET ON SITE AT ALL TIMES. 3. CONSTRUCT CONSTRUCTION ACCESS DEVICE, SEE DETAIL.
- 4. HAVE SURVEYOR STAKE LIMIT OF DISTURBANCE
- 5. PLACE COMPOST FILTER SOCK ALONG LIMIT OF DISTURBANCE
- 6. IN NO CASE SHALL THE LIMIT OF WORK EXTEND BEYOND THE COMPOST FILTER SOCKS.
- CONSTRUCT STOCKPILES IN ACCORDANCE WITH THE DETAIL. 8. CONSTRUCT PARKING AREA AND UTILITIES.
- 9. SEED DISTURBED AREAS WITH SPECIFIED MIXES.
- 10. REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER A PERMANENT GROWTH OF VEGETATION IS ESTABLISHED.

STEEP SLOPES >15%:

1. CONTRACTOR TO PROTECT DISTURBED SLOPES >15% WITH ADDITIONAL MEASURES INCLUDING ADDITIONAL COMPOST FILTER SOCK (SEE DETAIL FOR SPACING BETWEEN SOCKS) AND EROSION CONTROL FABRIC WHEN SEEDING WHEN RESTORING VEGETATION

PRESERVE TOPSOIL:

CONTRACTOR TO PRESERVE EXISTING TOPSOIL BY STOCKPILING IN ACCORDANCE WITH THE DETAIL AND RE-SPREADING TOPSOIL OVER DISTURBED AREAS AT A MINIMUM DEPTH OF 4 INCHES. THE SOIL BENEATH THE TOPSOIL SHALL NOT BE OVERLY COMPACTED. ANY OVERLY COMPACTED SOIL SHALL BE SUFFICIENTLY SCARIFIED PRIOR TO PLACEMENT OF TOPSOIL.



1. ACTUAL LAYOUT DETERMINED IN THE FIELD.

CREDIT: 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL. <u>NOTE:</u> ALL CONCRETE WASHOUT WATER SHALL BE DISPOSED INTO A TEMPORARY CONCRETE WASHOUT. ONCE CONCRETE WASTES ARE WASHED INTO THE DESIGNATED AREA AND ALLOWED TO HARDEN, THE CONCRETE SHOULD BE BROKEN UP, REMOVED, AND DISPOSED OF PER APPLICABLE SOLID WASTE REGULATIONS. DISPOSE OF HARDENED CONCRETE ON A REGULAR BASIS.

DRAWING ISSUE:

CUSTOMER APPROVAL

CONSTRUCTION SHALL BE USED FOR

GRAPHIC SCALE

1" = 40 FEET

☐ CONCEPT

X PERMITTING

☐ AS-BUILT

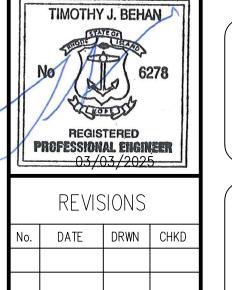
OTHER:

CONSTRUCTION

☐ CONSTRUCTION

ONLY PLANS ISSUED FOR

TEMPORARY CONCRETE WASHOUT TYPICAL DETAIL NOT TO SCALE



12'(±) MAX.

UNLESS NOTED

OTHERWISE

- CONTINUOUS COMPOST FILTER

OR COMPOST

FILTER BERM

1. REQUIRED SIZE TO BE DETERMINED BY THE ENGINEER

DRY BY THE RESIDENT ENGINEER

2'-0" MIN. OVERLAP -

12" MIN.

2%

5%

10%

20%

30%

40%

50%

IS VERY FLAT.

2. SOIL SHALL BE COVERED WITH TARPS WHEN DETERMINED TO BE

3. STOCKPILE LOCATIONS CAN VARY FROM SITE PLAN SINCE SITE

ON-SITE SOIL STOCKPILE DETAIL

SOCK, SILT FENCE

EXCAVATION STOCKPILE

 $oldsymbol{-}$ CONTINUOUS COMPOST FILTER SOCK,

SILT FENCE OR COMPOST FILTER

STAKES (TYP.)

FILTER SOCK

SEE TABLE

1"WOODEN STAKE, 2" IF

18"+ SOCKS ARE USED

- COMPOST FILTER

SOCK, SEE TABLE

BELOW FOR SIZES

. ALL MATERIAL TO MEET REQUIREMENTS OF SECTION 206

3. COMPOST FILTER SOCK IS AN 'OR EQUAL' TO COMPOST

FILTER BERM WHEN INSTALLED IN ACCORDANCE WITH THE

MAXIMUM SLOPE LENGTH ABOVE COMPOST FILTER SOCK, (FEET)

275'

150'

2. SUBMIT SHOP DRAWING OF COMPOST MATERIAL FOR

REVIEW AND APPROVAL PRIOR TO PLACEMENT.

8" SOCK 12" SOCK 18" SOCK

OF RI STANDARD SPECIFICATIONS.

TABLE PROVIDED BELOW:

200'

100'

AND DIAMETER OF SOCK REQUIRED:

BELOW FOR

SIZE OF SOCK

-area to be

PROTECTED -

650'

325'

200'

130'

65'

TOUGHDOWN REALTY GROUP, LLC

167 N QUIDNESSETT ROAD

NORTH KINGSTOWN, RI 02852

CONTACT:

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EMAIL: CONTACT@TOUCHDOWNREALTYGROUP.COM

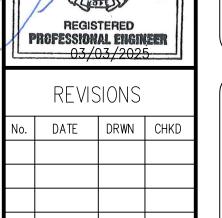


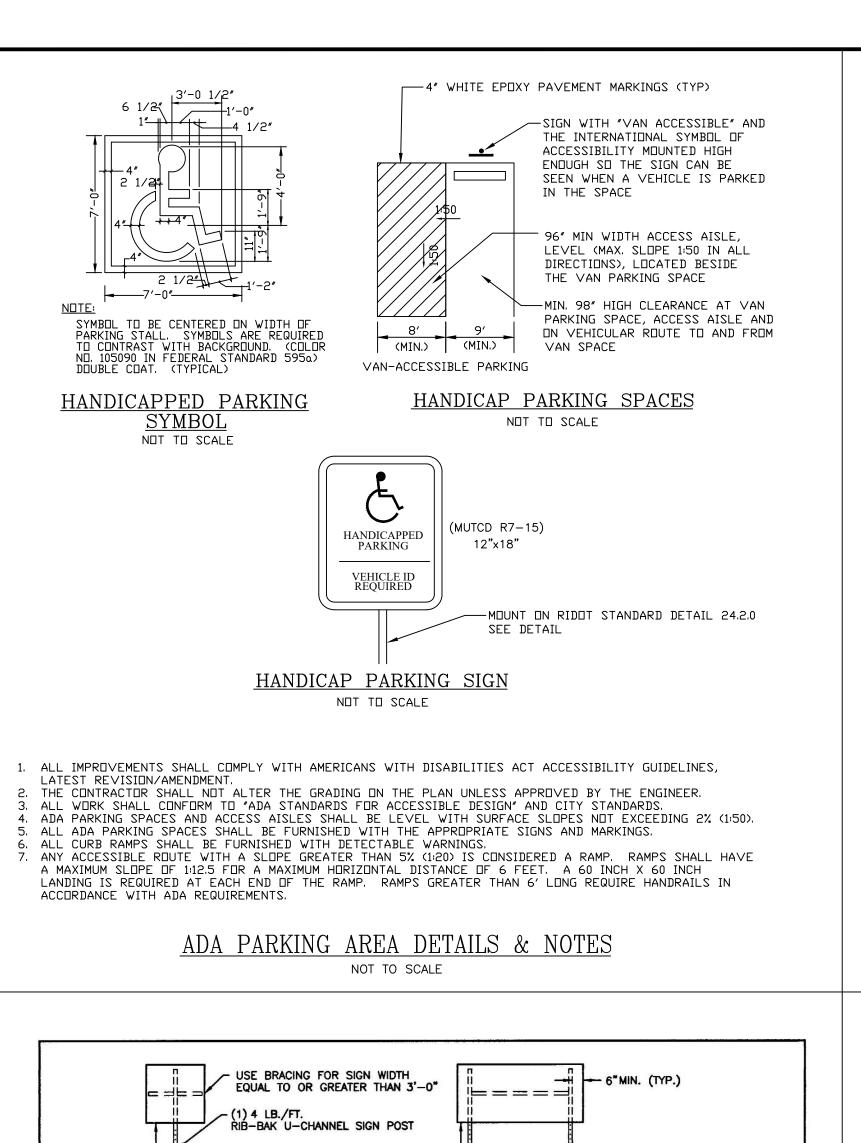
COMMONWEALTH ENGINEERS & CONSULTANTS, INC. 400 SMITH STREET PROVIDENCE, RHODE ISLAND 02908 (401) 273-6600

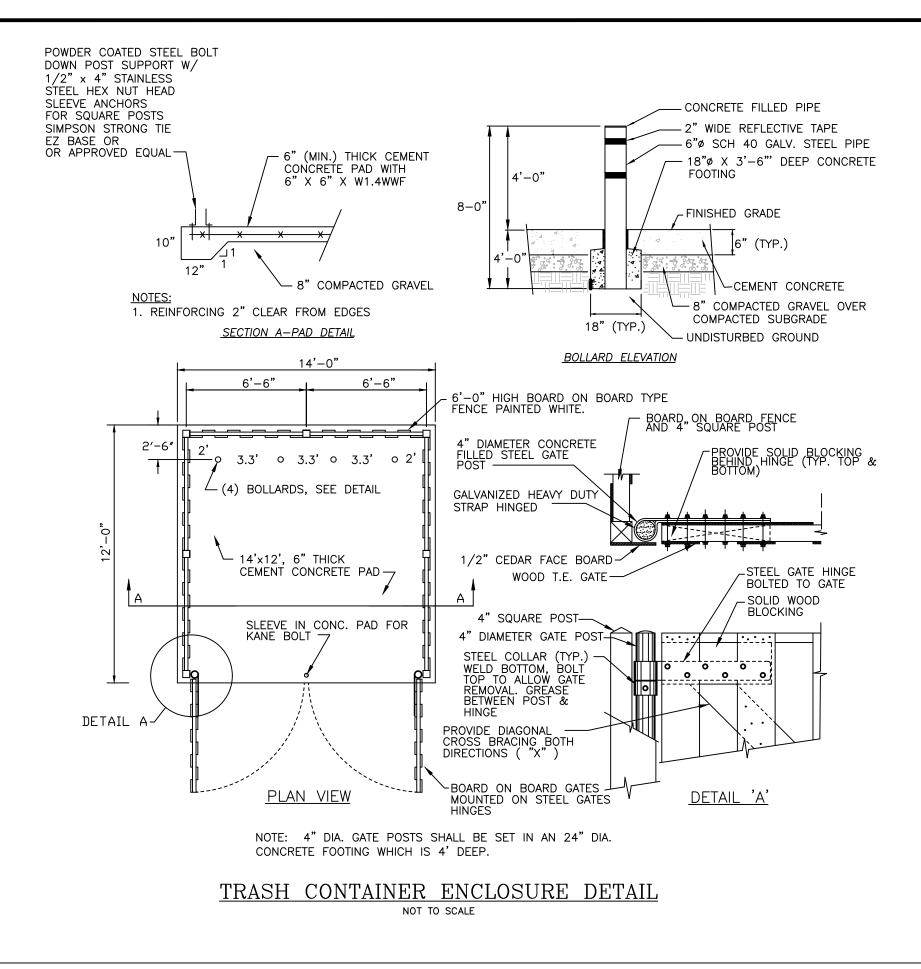
PERMIT AGENCY REVIEW PLAN 100 WAMPANOAG TRAIL MAP 408, BLOCK 10 PARCEL 24 WAMPANOAG TRAIL

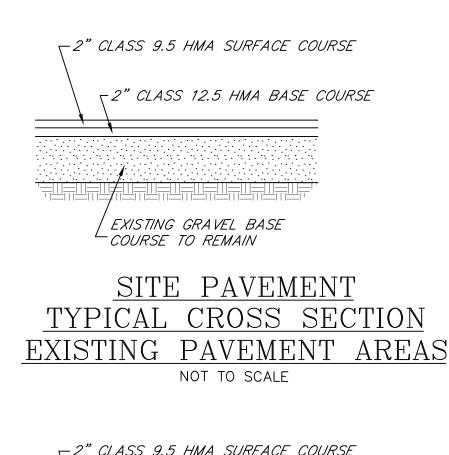
EAST PROVIDENCE, RHODE ISLAND SOIL EROSION CONTROL PLAN-2

SCALE: AS SHOWN SHEET NO: 5 OF 6 DESIGN BY: TJB DRAWN BY: TJB CHECKED BY: TJB PROJECT NO 24092.00 DATE: MARCH 3, 2025









~2" CLASS 9.5 HMA SURFACE COURSE ~2" CLASS 12.5 HMA BASE COURSE *12" GRAVEL BORROW BASE COURSE* (PLACED AND COMPACTED IN TWO 6" LAYERS) __COMPACTED_SUBBASE/IMPORTED_GRAVEL

SITE PAVEMENT TYPICAL CROSS SECTION NEW PAVEMENT AREAS NOT TO SCALE

ROADWAY AND SIDEWALK BASE COURSE MATERIAL SPECIFICATION:

1. BASE COURSE MATERIAL: THE BASE COURSE MATERIAL SHALL BE GRAVEL AND CRUSHED STONE FREE FROM ICE, SNOW, SAND, CLAY, LOAM, OR OTHER DELETERIOUS MATERIAL. THE MATERIAL SHALL CONFORM TO THE FOLLOWING GRADATION LIMITS

U.S. STANDARD SIEVE SIZE PERCENT PASSING BY WEIGHT 3 INCH

1-1/2 INCH 70-100 % 3/4 INCH 50-85 % 30-55 % No. 4 No. 50 8-25 % No. 200 2-10 %

2. ALL BASE COURSE MATERIAL UNDER ROADWAYS, SIDEWALKS AND PARKING AREAS SHALL BE SPREAD IN LIFTS OF LESS THAN 12-INCHES AND COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY LABORATORY TESTING, ASTM D1557-07.

BITUMINOUS CONCRETE (HMA) PAVEMENT:

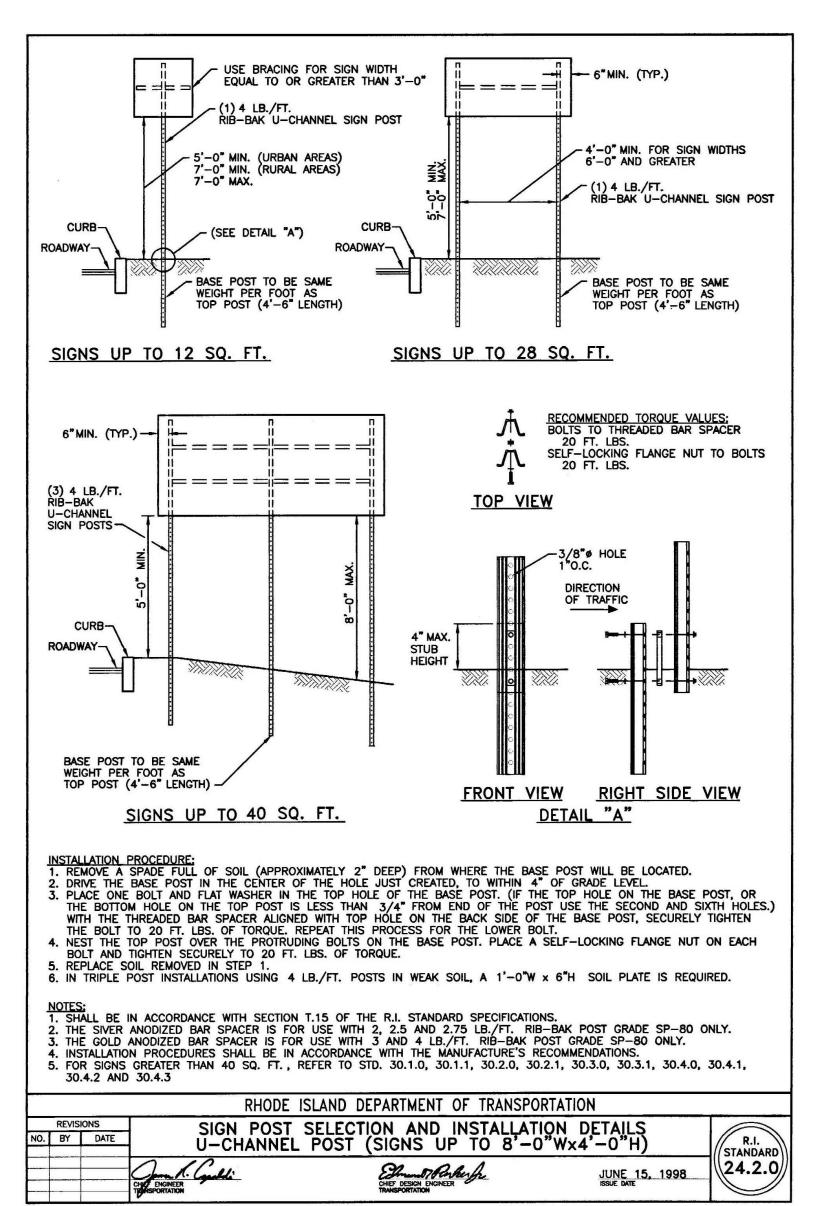
HMA SHALL BE AN APPROVED ASPHALT CONCRETE AND AFTER ROLLING, AND FINAL COMPACTION MUST HAVE A UNIFORM THICKNESS PER COURSE. BOTH BINDER AND SURFACE COURSES ARE REQUIRED.

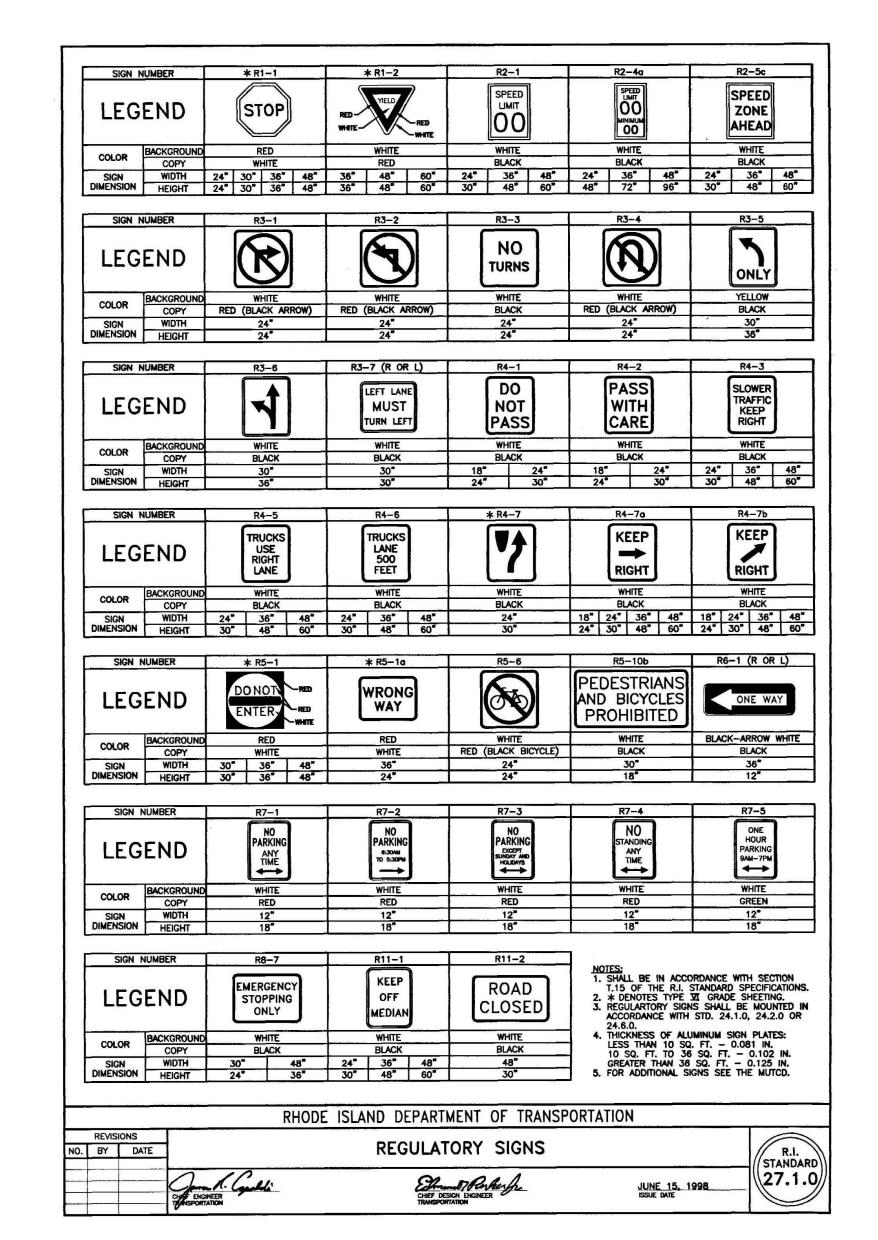
BINDER COURSE: SHALL MEET RIDOT HMA CLASS 12.5 SPECIFICATIONS

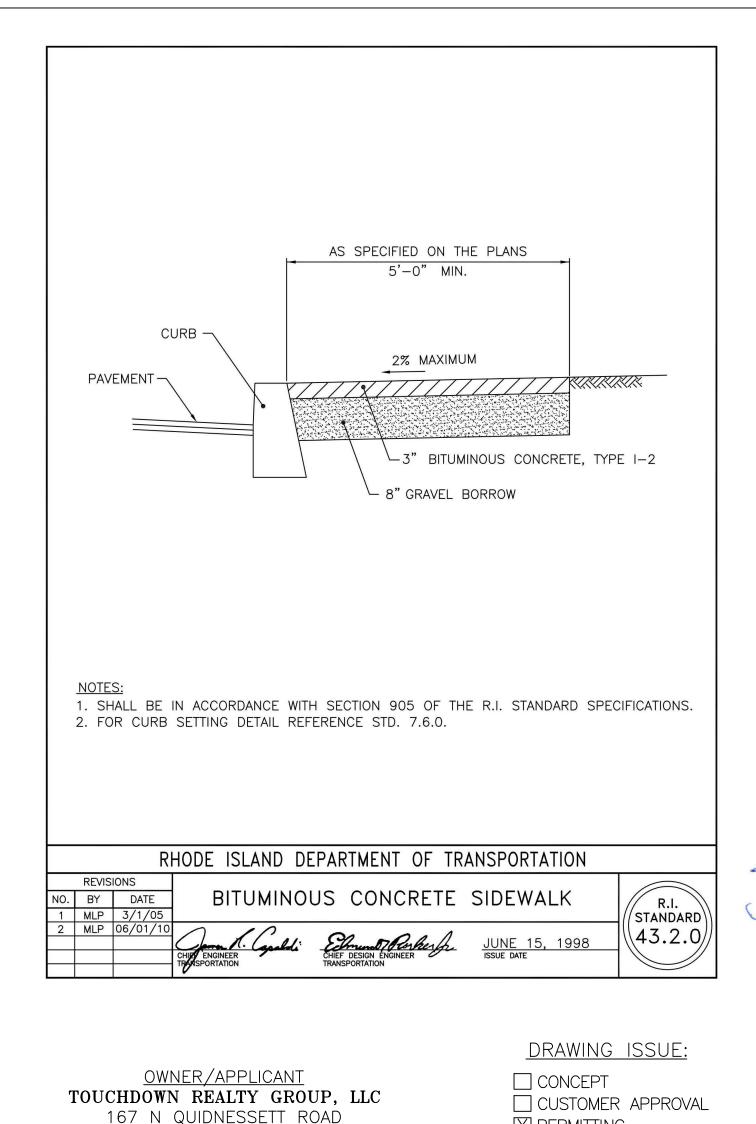
SURFACE COURSE: SHALL MEET RIDOT HMA CLASS 9.5 SPECIFICATIONS

PAVEMENT DETAILS & NOTES

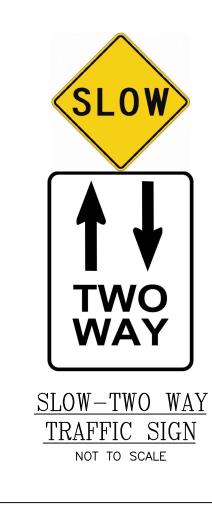
NOT TO SCALE

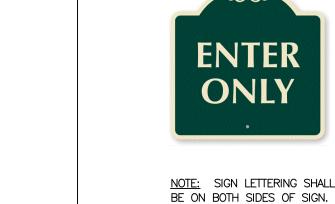






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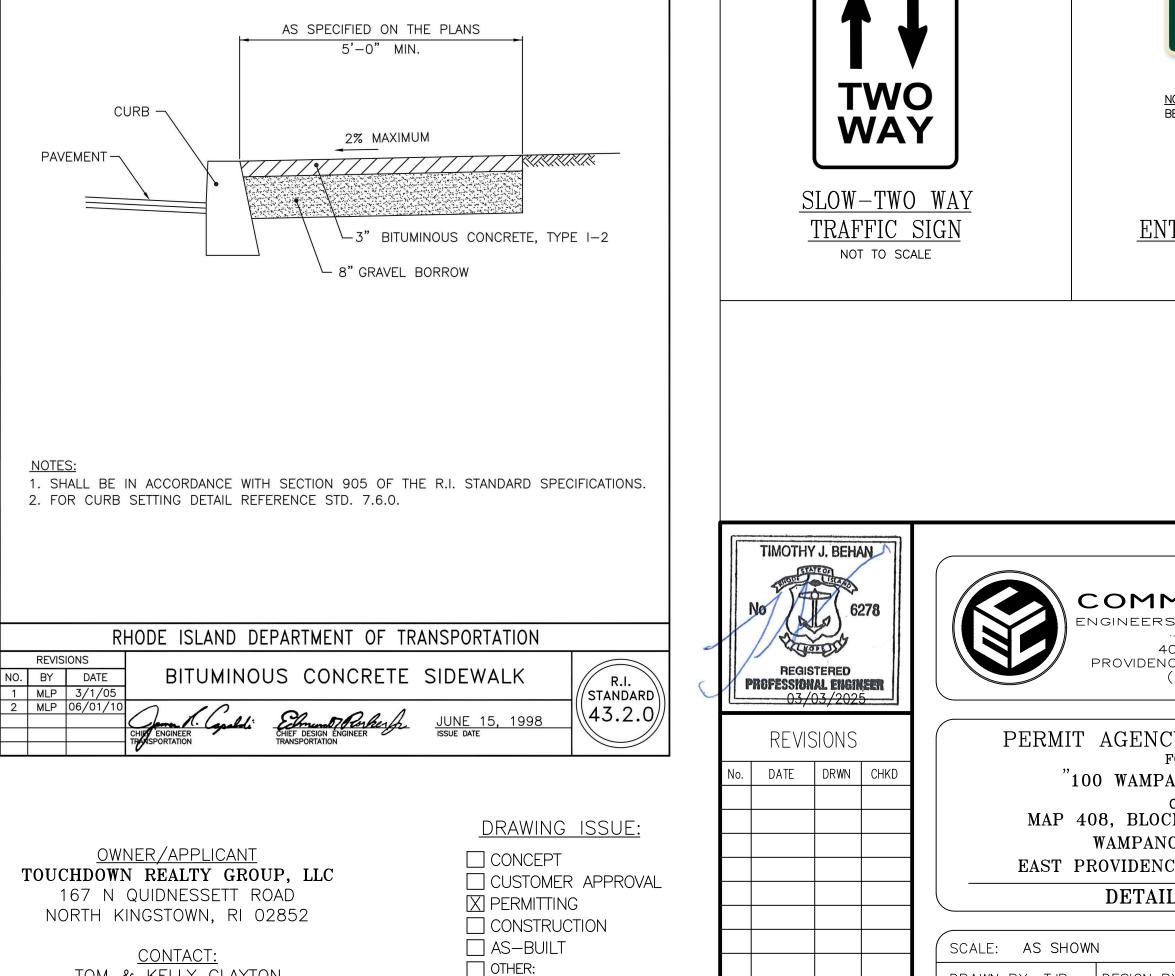
ENTER ONLY SIGN NOT TO SCALE



PERMIT AGENCY REVIEW PLAN '100 WAMPANOAG TRAIL' MAP 408, BLOCK 10 PARCEL 24

WAMPANOAG TRAIL EAST PROVIDENCE, RHODE ISLAND DETAIL SHEET

SHEET NO: 6 OF 6 SCALE: AS SHOWN CHECKED BY: TJB DRAWN BY: TJB | DESIGN BY: TJB PROJECT NO 24092.00 DATE: MARCH 3, 2025



ONLY PLANS ISSUED FOR

CONSTRUCTION

CONSTRUCTION SHALL BE USED FOR