PERMITTING DRAWINGS

FOR

839 ROOSEVELT REDEVELOPMENT WINDHAM, MAINE

JUNE 2019 **REVISED SEPTEMBER 2019**

PROFESSIONAL CONTACTS:

APPLICANT:

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ARCHITECT:

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CONTACT: MICHAEL CHAREK

DRAWING LIST:

EXISTING CONDITIONS SURVEY

C-101 SITE PLAN

GRADING, DRAINAGE, & UTILITIES PLAN C-102

C-501 SITE DETAILS

C-502 SITE DETAILS

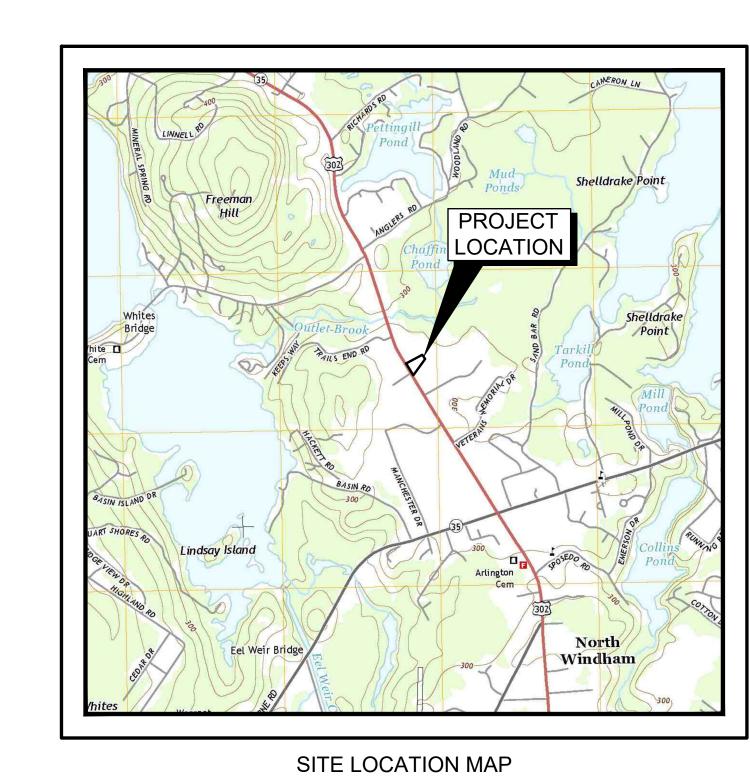
SOIL EROSION & SEDIMENT CONTROL NOTES & DETAILS C-503

D-101 EXISTING CONDITIONS WATERSHED PLAN PROPOSED CONDITIONS WATERSHED PLAN

LIGHTING & LANDSCAPE PLAN L-101

L-501 LIGHTING DETAILS FLOOR PLAN AND NOTES

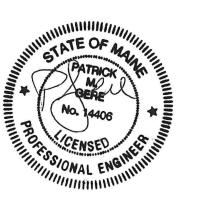
ELEVATIONS



SCALE: 1" = 2,000'±

SOURCE: MAINEGIS, NORTH WINDHAM, MAINE, QUADRANGLE, DATED 2014.

846 Main St., Westbrook, ME 04092 T: 207-591-7000



REV.	DATE	REVISION DESCRIPTION
1.	9/10/19	REVISED PER TOWN COMMENTS
0.	6/5/19	ISSUED FOR PERMITTING

DESIGNED BY:	PMG
DRAWN BY:	PMG
CHECKED BY:	PJC
DATE:	9/10/2019
FILE NAME:	2572-0011 C-001 Cover.dwg

839 ROOSEVELT REDEVELOPMENT 839 ROOSEVELT TRAIL WINDHAM, MAINE

HANNA REALTY ASSOCIATES, LLC 2 EISENHOWER DRIVE WESTBROOK, MAINE

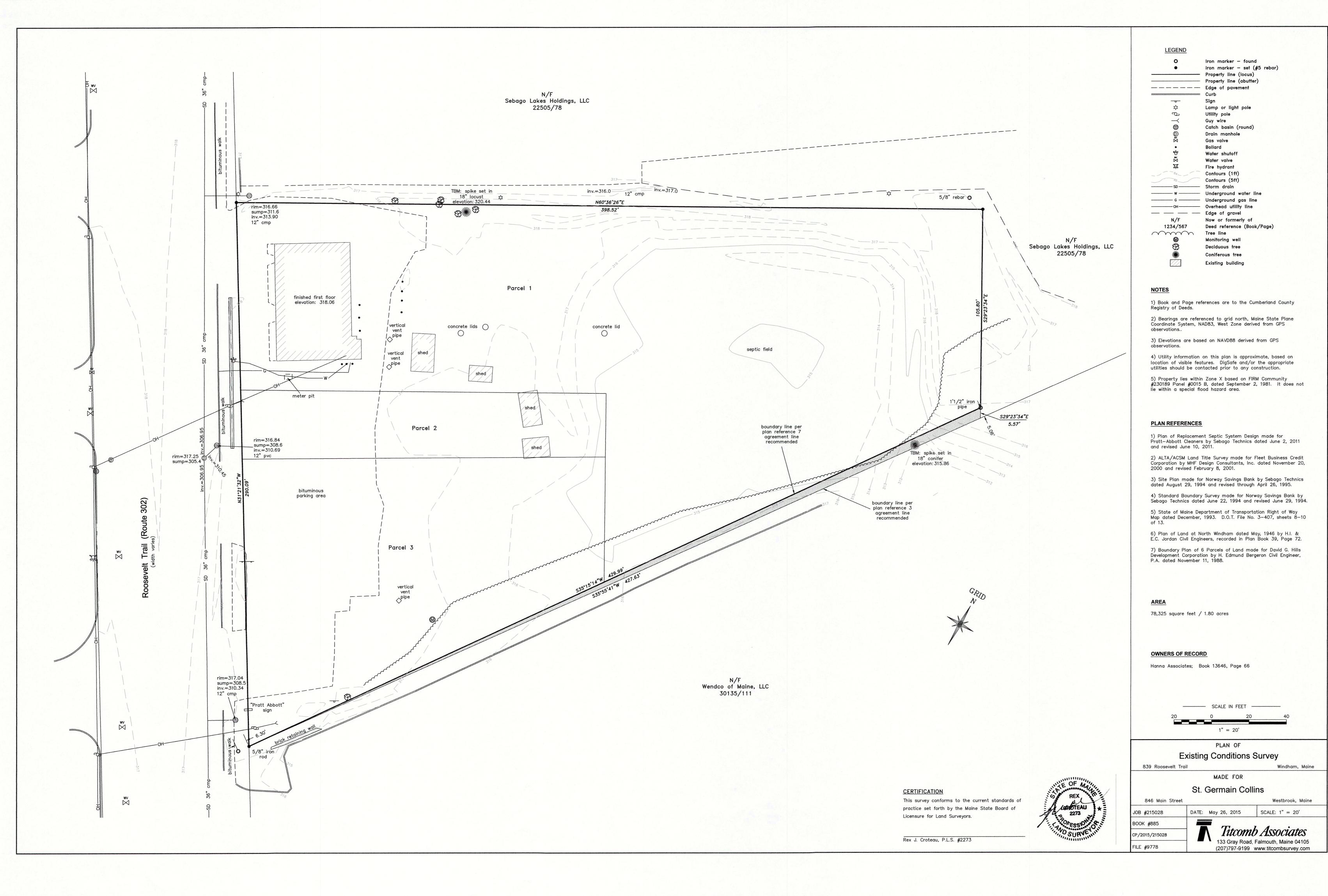
COVER SHEET

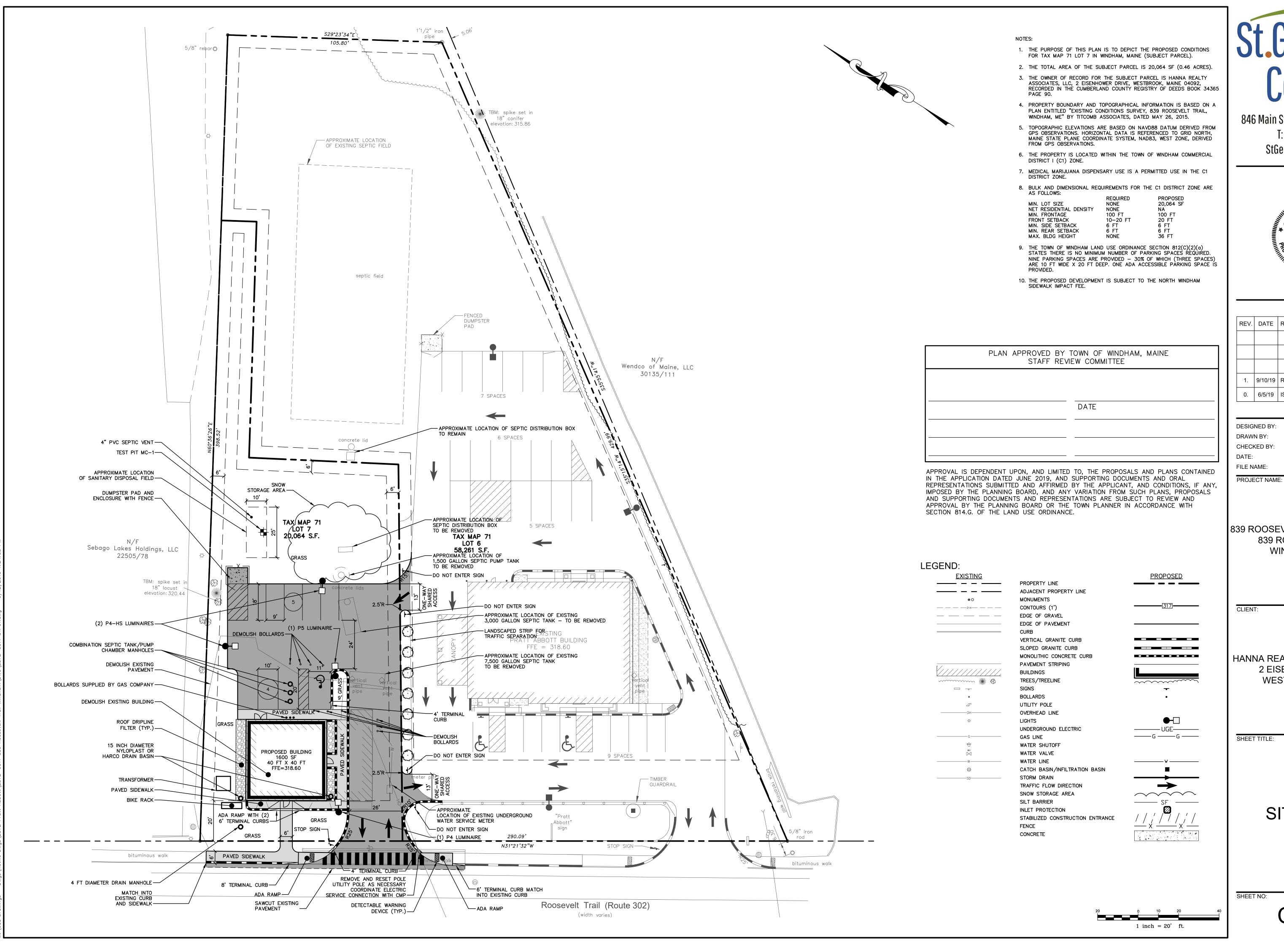
C-001



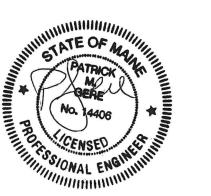


MICHAEL CHAREK ARCHITECTS





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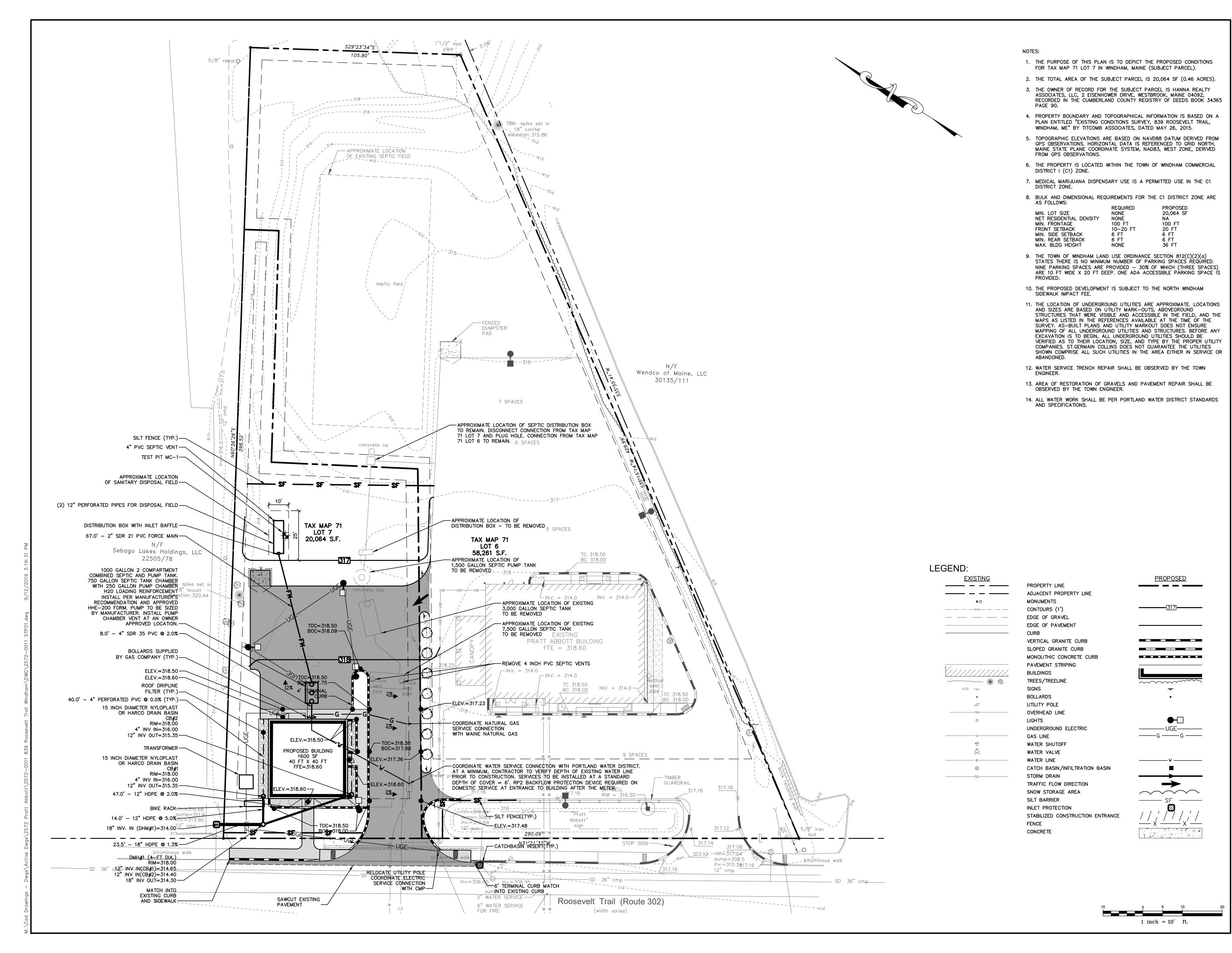
CLIENT:

HANNA REALTY ASSOCIATES, LLC 2 EISENHOWER DRIVE WESTBROOK, MAINE

SITE PLAN

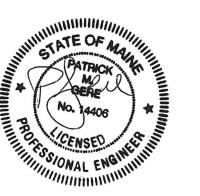
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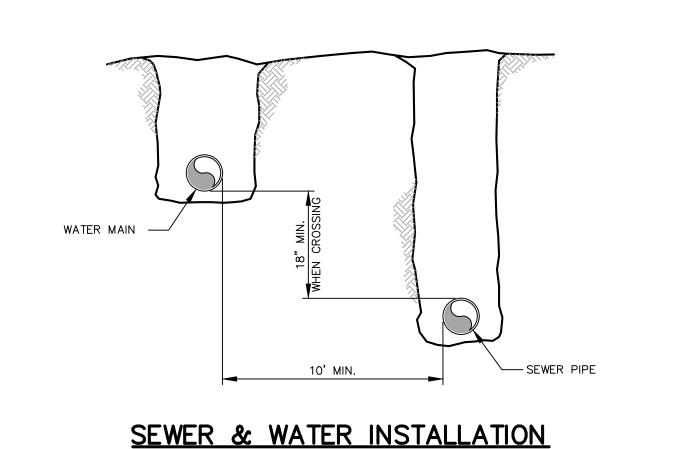
HANNA REALTY ASSOCIATES, LLC 2 EISENHOWER DRIVE WESTBROOK, MAINE

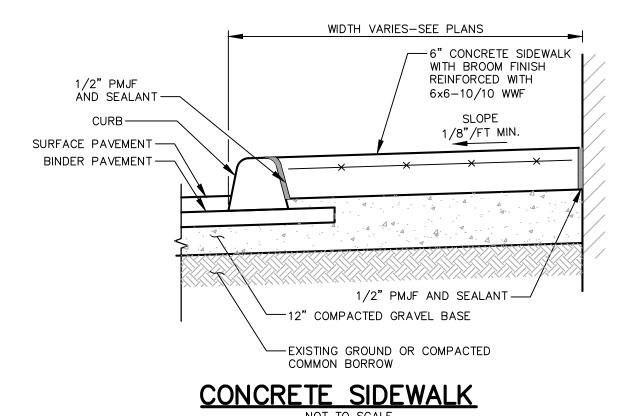
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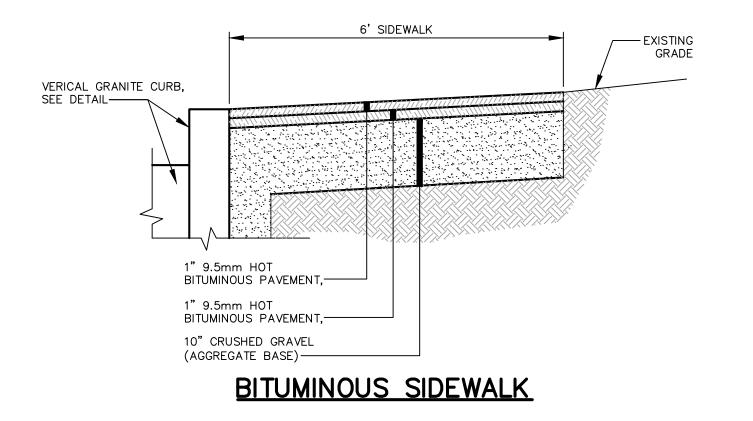
GRADING, DRAINAGE, & UTILITIES PLAN

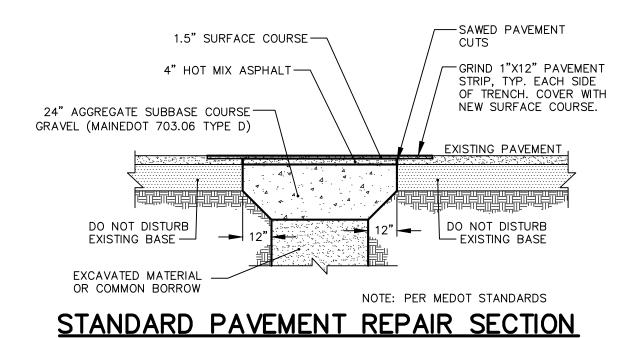
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C-102









- MIRAFI 180N GEOTEXTILE

FABRIC WHERE DIRECTED

- 1.5" SURFACE COURSE BITUMINOUS PAVEMENT

- 2" BINDER COURSE BITUMINOUS PAVEMENT

CRUSHED (MAINEDOT 703.06 TYPE A)

-15" AGGREGATE SUBBASE COURSE

GRAVEL (MAINEDOT 703.06 TYPE D)

(12.5 mm HOT MIX ASPHALT)

(19.5 mm HOT MIX ASPHALT)

-3" AGGREGATE BASE COURSE,

- COMPACTED SUBGRADE

-FILL AS REQUIRED

CONSTRUCTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH

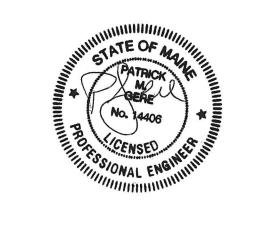
FOR HIGHWAYS AND BRIDGES" LATEST REVISION.

SPECIAL PROVISIONS SECTION 401 AND 403, AS PER THE STATE OF

MAINE, DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS

PAVEMENT BUILDUP

4'-0" PRECAST CONCRETE MANHOLE



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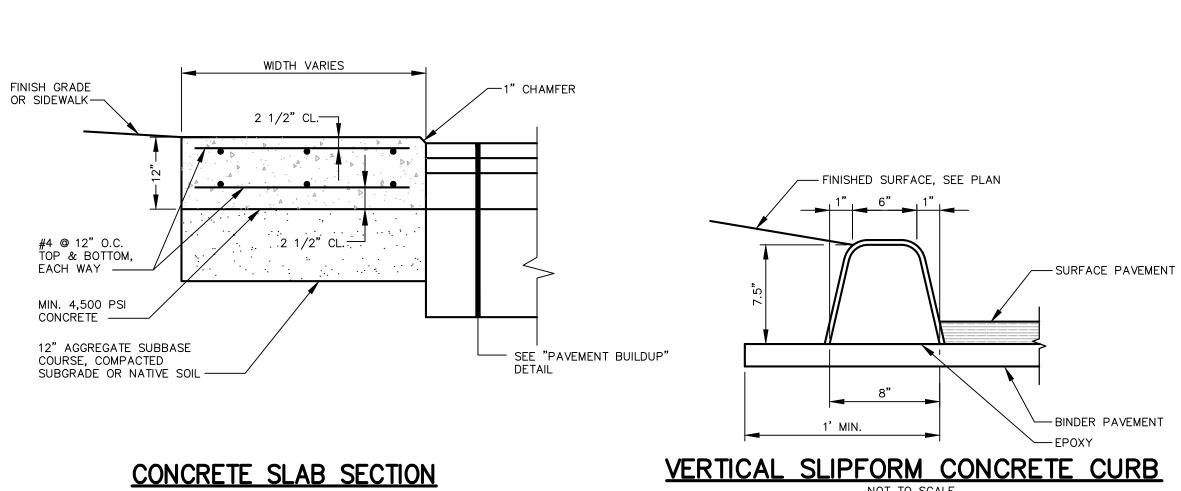
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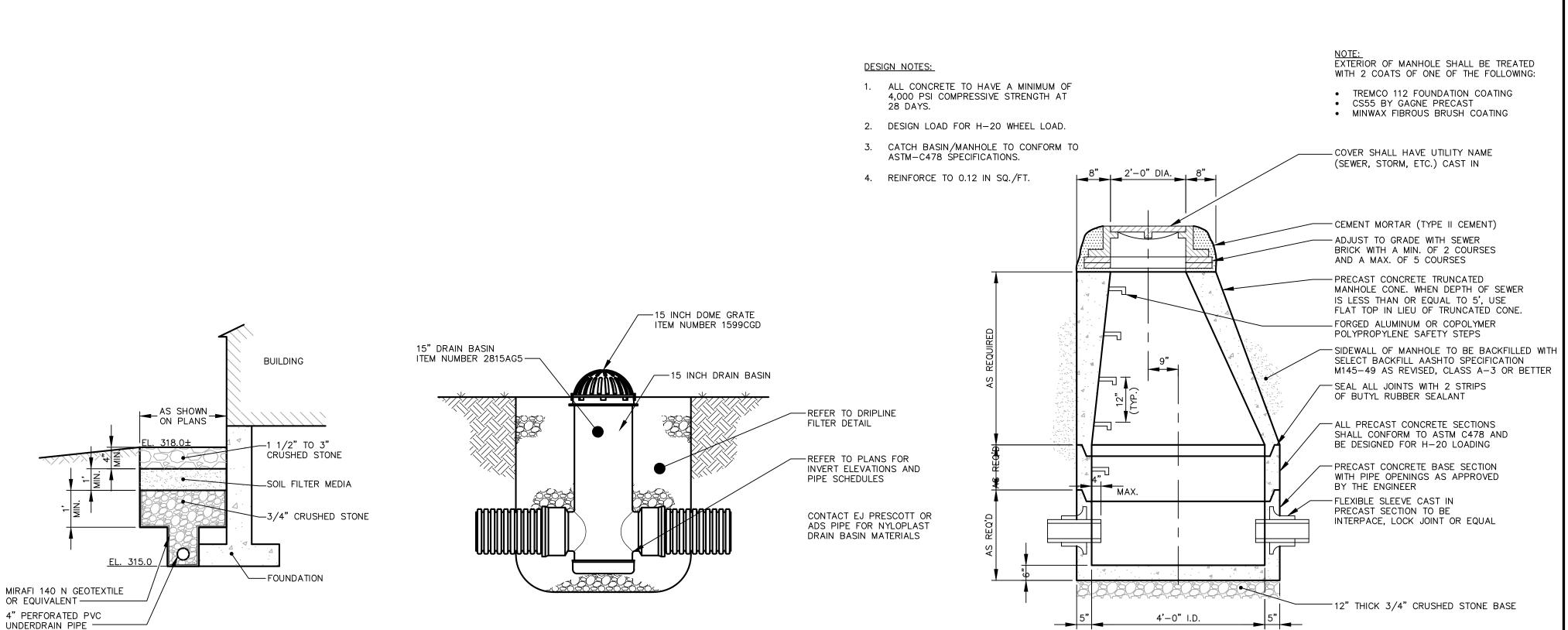
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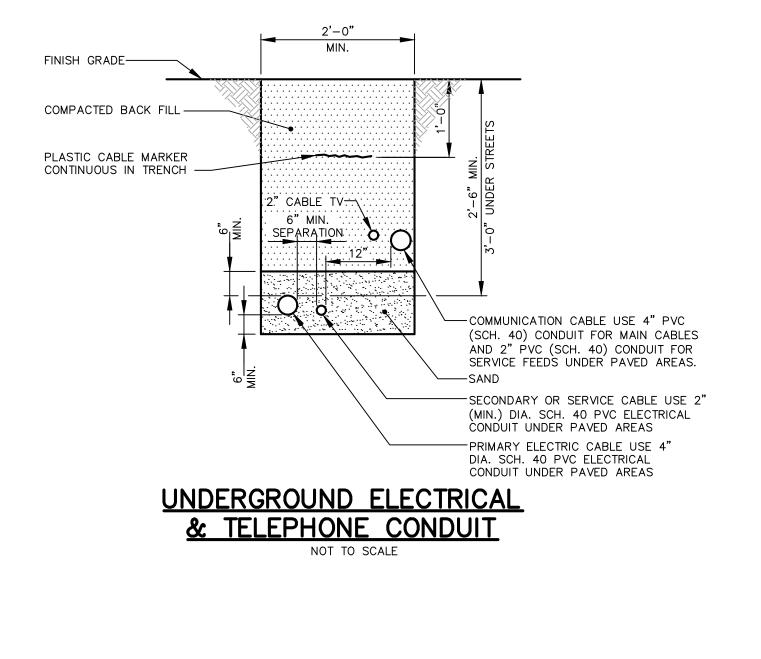
SITE DETAILS

SHEET NO:

C-501







UNPAVED AREAS

4/3 PIPE I.D. + 1'-6"

TYPICAL TRENCH SECTION

(3'-0" MIN.)

PIPE AND TRENCH

-4" LOAM (SEED

AND MULCH)

TRENCH MAY

MEET SAFETY

REQUIREMENTS

WHERE EXTRA

TRENCH WIDTH

BE SLOPED

BACK TO

WIDTH IS

POSSIBLE

SHALL BE

CRUSHED

STONE BACKFILL

MAINTAINED

TO TOP OF

GRANULAR OR

PAVED AREAS \\

FINISH GRADE-

PAVEMENT BUILDUP SEE APPROPRIATE TYPICAL

BACKFILL WITH EXCAVATED

BORROW AS DIRECTED BY THE

OWNER'S REPRESENTATIVE -

PROVIDE 2 LAYERS OF 2"

INSULATION IF COVER OVER

PIPE IS LESS THAN 5',

3/4" CRUSHED STONE-

STONE PIPE BEDDING -

RIGID STYROFOAM

STAGGER JOINTS -

NOTED ON PLANS-

PIPE SIZE AS

3/4" CRUSHED

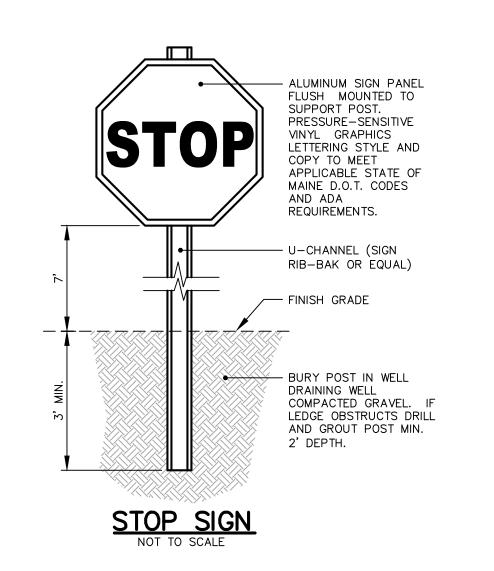
PAVEMENT SECTION ---

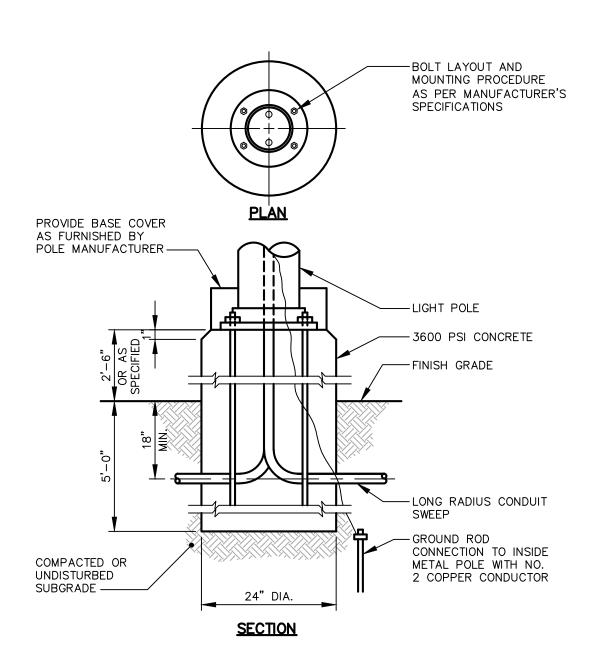
MATERIAL OR COMMON



NYLOPLAST DRAIN BASIN SECTION

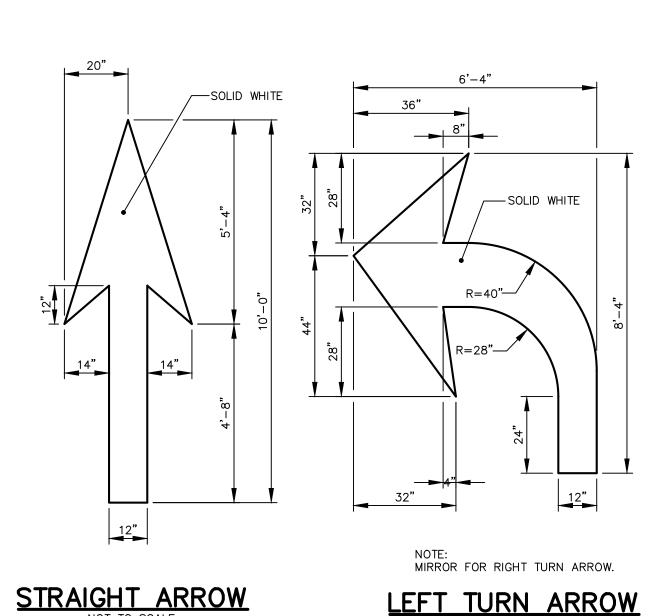
DRIPLINE FILTER

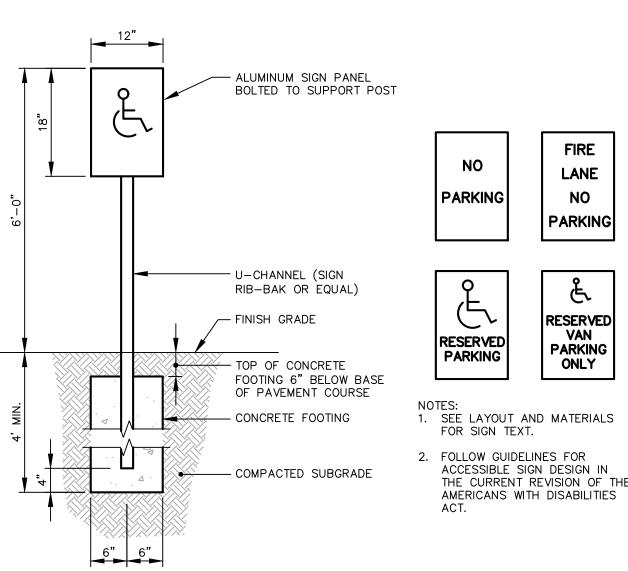


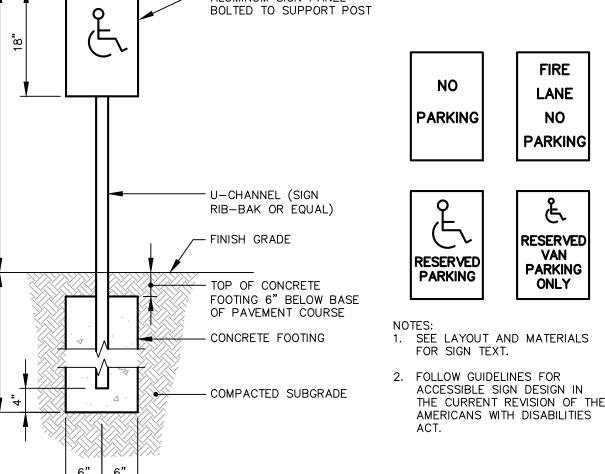


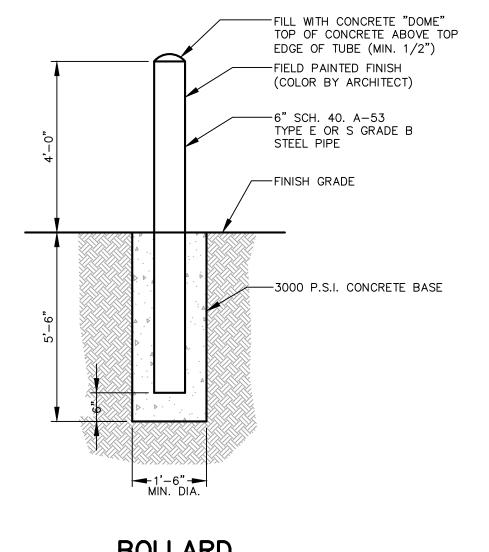
LIGHT POLE BASE

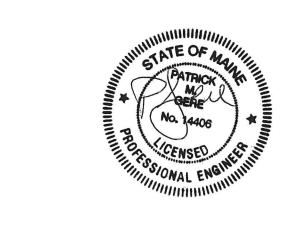
NOT TO SCALE











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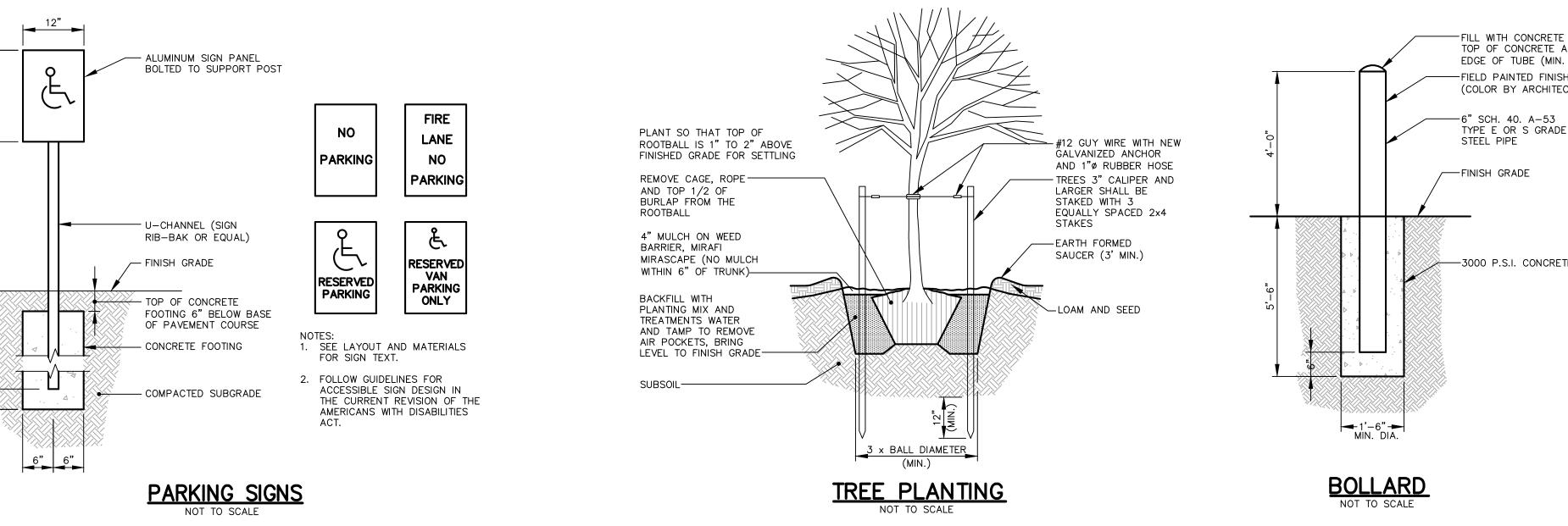
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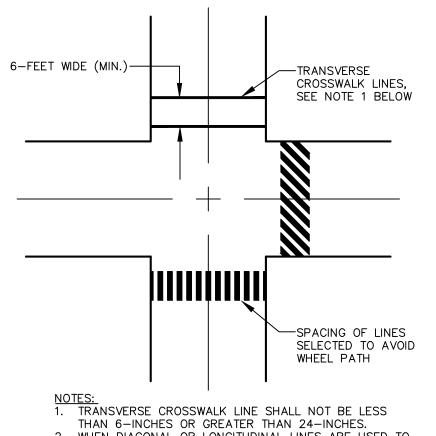
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SITE DETAILS

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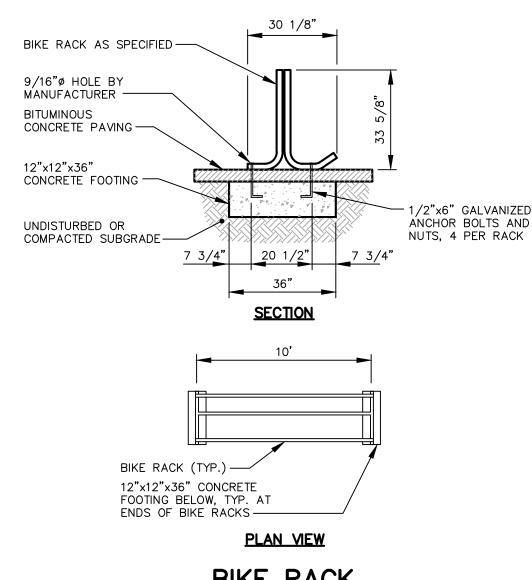
C-502





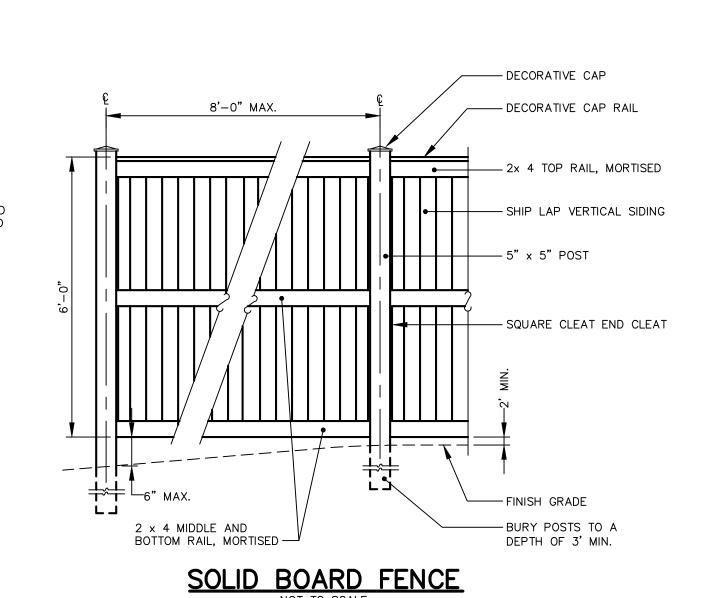
MAY BE OMITTED.

2. WHEN DIAGONAL OR LONGITUDINAL LINES ARE USED TO MARK A CROSSWALK, THE TRANSVERSE CROSSWALK LINE 3. DIAGONAL OR LONGITUDINAL LINES SHALL NOT BE LESS THAT 12-INCHES WIDE OR GREATER THAN 24-INCHES WIDE AND SHOULD BE SPACED 12 TO 24 INCHES APART. SPACING DESIGN SHOULD AVOID THE WHEEL PATHS. 4. AT NONINTERSECTION PEDESTRIAN CROSSINGS, WARNING SIGNS SHALL BE INSTALLED WITH ADEQUATE VISIBILITY.

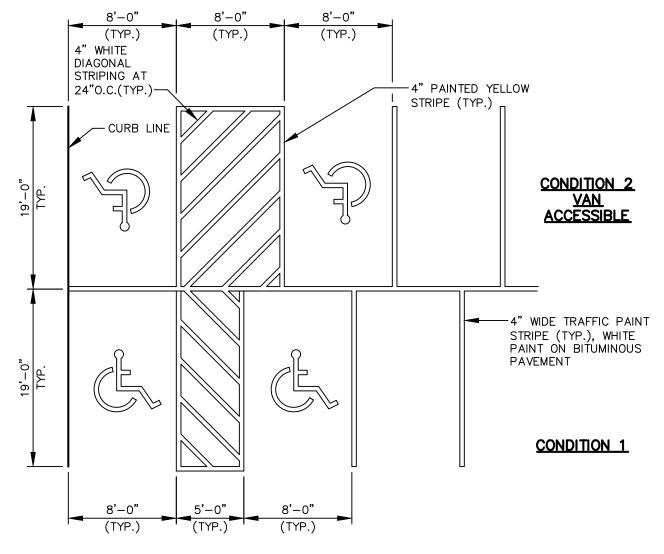


BIKE RACK

NOT TO SCALE





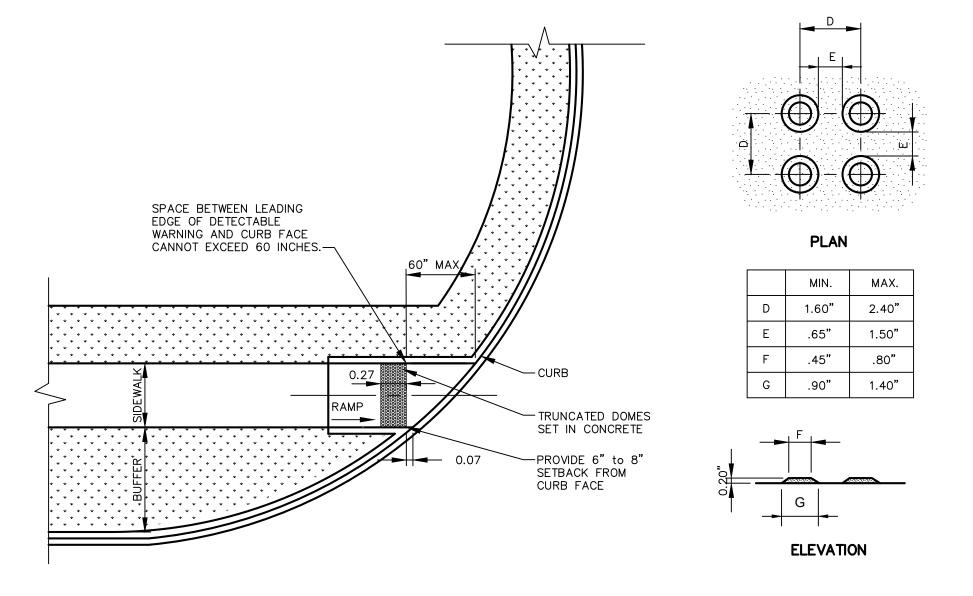


NOTES:

1. SEE PLANS FOR APPLICABLE STRIPING CONDITION.

2. USE SILICA SAND ON CROSSWALK AND FIRE LANE STRIPING.

3. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SYMBOL SHALL BE 3" WHITE STRIPING.



TRUNCATED DOME

DETECTABLE WARNING DETAIL

ACCESSIBLE PARKING DETAIL

NOT TO SCALE

EROSION AND SEDIMENTATION CONTROL NOTES

TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES INCLUDE THE USE OF SEDIMENT BARRIER, EROSION CONTROL MIX, STONE CHECK DAMS, HAY BALE BARRIERS, CATCH BASIN INLET BARRIERS, CATCH BASIN SEDIMENT COLLECTION BAGS, FROSION CONTROL BLANKET. AND TEMPORARY SEEDING AND MULCHING AS REQUIRED. PERMANENT DEVICES INCLUDE THE USE OF RIP RAP AT EXPOSED STORM DRAIN AND CULVERT INLETS AND OUTLETS, RIP RAPPED SLOPES, AND PERMANENT VEGETATION.

- IT IS ANTICIPATED THAT CONSTRUCTION WILL BEGIN IN FALL 2019 FOLLOWING RECEIPT OF NECESSARY PERMITS.
- THE PROJECT SHALL CONFORM TO THE DEPARTMENT OF ENVIRONMENTAL PROTECTION STANDARDS PERFORMANCE FOR EXCAVATIONS FOR CLAY, TOPSOIL OR SILT IN ACCORDANCE WITH STATE EROSION CONTROL LAW 38 MRSA 420-C.
- ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MAINE EROSION AND SEDIMENT CONTROL HANDBOOK FOR CONSTRUCTION: BEST MANAGEMENT PRACTICES (BMP) PUBLISHED BY THE CUMBERLAND COUNTY SOIL AND WATER CONSERVATION DISTRICT AND THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, MAY 2003, OR AS CURRENTLY REVISED.
- ANY CONTRACTOR EROSION AND SEDIMENTATION CONTROL DEEMED NECESSARY BY THE OWNER'S REPRESENTATIVE, DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) PERSONNEL AND/OR MUNICIPAL OFFICIALS SHALL BE INSTALLED.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL FINES RESULTING DURING CONSTRUCTION FROM EROSION OR SEDIMENTATION FROM THE SITE TO SURROUNDING PROPERTIES, WATER BODIES, OR WETLANDS AS A RESULT OF THIS PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR/REPLACEMENT/MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL ALL DISTURBED AREAS ARE STABILIZED TO THE SATISFACTION OF THE ABOVE PERSONNEL. DESCRIPTIONS OF ACCEPTABLE PERMANENT STABILIZATION FOR VARIOUS COVER TYPES FOLLOWS:
- FOR SEEDED AREAS, PERMANENT STABILIZATION MEANS 90% COVERAGE OF THE DISTURBED AREA WITH MATURE, HEALTHY PLANTS WITH NO EVIDENCE OF WASHING OR RILLING OF THE
- FOR SODDED AREAS, PERMANENT STABILIZATION MEANS THE COMPLETE BINDING OF THE SOD ROOTS INTO THE UNDERLYING SOIL WITH NO SLUMPING OF THE SOD OR DIE-OFF.
- AREA WITH MULCH. EROSION CONTROL MIX MAY BE USED AS MULCH FOR PERMANENT STABILIZATION ACCORDING TO THE BMP APPLICATION RATES AND LIMITATIONS. FOR AREAS STABILIZED WITH RIP RAP, PERMANENT STABILIZATION MEANS THAT SLOPES STABILIZED WITH RIP RAP HAVE AN APPROPRIATE BACKING OF A WELL-GRADED GRAVEL OR

FOR MULCHED AREAS, PERMANENT MULCHING MEANS TOTAL COVERAGE OF THE EXPOSED

- GEOTEXTILE TO PREVENT SOIL MOVEMENT FROM BEHIND THE RIP RAP. STONE MUST BE SIZED APPROPRIATELY. FOR PAVED AREAS, PERMANENT STABILIZATION MEANS THE PLACEMENT OF THE COMPACTED
- FOR OPEN CHANNELS, PERMANENT STABILIZATION MEANS THE CHANNEL IS STABILIZED WITH MATURE VEGETATION AT LEAST THREE INCHES IN HEIGHT, WITH WELL-GRADED RIP RAP, OR WITH ANOTHER NON-EROSIVE LINING CAPABLE OF WITHSTANDING THE ANTICIPATED FLOW VELOCITIES AND FLOW DEPTHS WITHOUT RELIANCE ON CHECK DAMS TO SLOW FLOW. THERE MUST BE NO EVIDENCE OF SLUMPING OF THE LINING, UNDERCUTTING OF THE BANKS, OR
- DOWN CUTTING OF THE CHANNEL. EROSION AND SEDIMENTATION CONTROL MEASURES
- REMOVAL OF SOD, TREES, BUSHES AND OTHER VEGETATION AND SOIL DISTURBANCE WILL BE KEPT TO A MINIMUM WHILE ALLOWING PROPER SITE DEVELOPMENT.
- GRUBBINGS AND ANY UNUSABLE TOPSOIL SHALL BE STRIPPED AND REMOVED FROM THE PROJECT SITE AND DISPOSED OF IN AN APPROVED MANNER.
- ANY SUITABLE TOPSOIL WILL BE STRIPPED AND STOCKPILED FOR REUSE IN FINAL GRADING. TOPSOIL WILL BE STOCKPILED IN A MANNER SUCH THAT NATURAL DRAINAGE IS NOT OBSTRUCTED AND NO OFF-SITE SEDIMENT DAMAGE WILL RESULT. IF A STOCKPILE IS NECESSARY, THE SIDE SLOPES OF THE TOPSOIL STOCKPILE WILL NOT EXCEED 2:1. TOPSOIL STOCKPILES WILL BE TEMPORARILY SEEDED WITH AROOSTOOK RYE, ANNUAL OR PERENNIAL RYE GRASS (DEPENDING ON DATE SEEDED) WITHIN 7 DAYS OF FORMATION, OR TEMPORARILY MULCHED IF SEEDING CANNOT BE DONE WITHIN THE RECOMMENDED SEEDING DATES.
- TEMPORARY DIVERSION BERMS AND DRAINAGE SWALES SHALL BE CONSTRUCTED AS
- TEMPORARY STABILIZATION SHALL BE CONDUCTED WITHIN 7 DAYS OF INITIAL DISTURBANCE OF SOILS, PRIOR TO ANY RAIN EVENT, AND PRIOR TO ANY WORK SHUT DOWN LASTING MORE THAN ONE DAY. TEMPORARY STABILIZATION INCLUDES SEED, MULCH, OR OTHER NON-ERODABLE COVER. AREAS WITHIN 75 FEET OF WETLANDS SHALL BE TEMPORARILY STABILIZED WITHIN 48 HOURS OR PRIOR TO RAIN EVENT.
- APPLY HAY OR STRAW MULCH AT A RATE OF 2 TONS PER ACRE, AND ANCHOR AS NECESSARY. TEMPORARY SEEDING SPECIFICATIONS. WHERE THE SEED BED HAS BEEN COMPACTED BY CONSTRUCTION OPERATIONS, LOOSEN SOIL TO A DEPTH OF 4 INCHES BEFORE APPLYING OR STRAW MULCH AT A RATE OF 2 TONS PER ACRE, AND ANCHOR AS NECESSARY.
- RECOMMENDED TEMPORARY SEEDING DATES AND APPLICATION RATES ARE AS FOLLOWS: AROOSTOOK RYE: RECOMMENDED SEEDING DATES: 8/15 - 10/1
- ANNUAL RYE GRASS: RECOMMENDED SEEDING DATES: 4/1 7/1 APPLICATION RATE: 40 LBS./ACRE

APPLICATION RATE: 112 LBS./ACRE

- PERENNIAL RYE GRASS: RECOMMENDED SEEDING DATES: 8/15 9/15 APPLICATION RATE: 40 LBS./ACRE
- IF THE AREA WILL REMAIN UNWORKED FOR MORE THAN ONE YEAR OR HAS BEEN BROUGHT TO STABILIZATION USING VEGETATION THROUGH PLANTING, SEEDING, SOD, OR THROUGH THE USE OF PERMANENT MULCH OR RIP RAP. IF USING VEGETATION FOR STABILIZATION, SELECT THE PROPER VEGETATION FOR THE LIGHT, MOISTURE, AND SOIL CONDITIONS. AMEND AREAS OF DISTURBED SUBSOIL WITH TOP SOIL OR OTHER ORGANIC AMENDMENTS. PROTECT SEEDED AREAS WITH MULCH OR, IF NECESSARY EROSION CONTROL BLANKETS, AND SCHEDULE SODDING, PLANTING, AND SEEDING SO TO AVOID DIE-OFF FROM SUMMER DROUGHT AND FALL FROSTS. NEWLY SEEDED OR SODDED AREAS MUST BE PROTECTED FROM VEHICLE TRAFFIC, EXCESSIVE PEDESTRIAN TRAFFIC, AND CONCENTRATED RUNOFF UNTIL THE VEGETATION IS WELL ESTABLISHED. AREAS MUST BE REWORKED AND RESTABILIZED IF GERMINATION IS SPARSE, PLANT COVERAGE IS SPOTTY, OR TOPSOIL EROSION IS EVIDENT.
- PERMANENT SEEDING SPECIFICATION. IF A LANDSCAPE PLAN HAS BEEN PREPARED FOR THE PROJECT, SOIL PREPARATION AND SEEDING SPECIFICATIONS OF THAT PLAN SHALL SUPERSEDE THESE GENERAL PERMANENT SEEDING SPECIFICATIONS. IT IS RECOMMENDED THAT PERMANENT SEEDING BE COMPLETED BETWEEN APRIL 1 AND AUGUST 15 OF EACH YEAR. LATE SEASON SEEDING MAY BE DONE BETWEEN AUGUST 15 AND SEPTEMBER 15. AREAS NOT SEEDED OR WHICH DO NOT OBTAIN A SATISFACTORY GROWTH BY OCTOBER SHALL BE SEEDED WITH AROOSTOOK RYE OR MULCHED AT RATES PREVIOUSLY SPECIFIED. SEE WINTER CONDITIONS NOTES FOR SEEDING STABILIZATION AFTER NOVEMBER 1.
- APPLY TOPSOIL TO A MINIMUM DEPTH OF 6 INCHES. MIX TOPSOIL WITH THE SUBSOIL TO A MINIMUM DEPTH OF 6 INCHES.
- UNIFORMLY APPLY SEED MIXTURE AT THE RECOMMENDED SEEDING RATES AND DATES, APPLY HAY OR STRAW MULCH AT A RATE OF 2 TONS PER ACRE, AND ANCHOR AS
- THE SEED MIXTURE FOR LAWN AREAS SHALL CONSIST OF SEEDS PROPORTIONED BY WEIGHT AS FOLLOWS:
 - 10 % CREEPING RED FESCUE 30 % KENTUCKY BLUEGRASS 60 % PERENNIAL RYE GRASS
- THE SEED MIXTURE FOR WET AREAS SHALL CONSIST OF SEEDS PROPORTIONED BY WEIGHT AS FOLLOWS:
 - 50 % REED CANARY GRASS
 - 15 % CREEPING RED FESCUE 10 % PERENNIAL RYE GRASS
- 10. MULCH ALL AREAS SEEDED SO THAT SOIL IS NOT VISIBLE THROUGH THE MULCH. DITCH LININGS, STONE CHECK DAMS, AND RIP RAP INLET AND OUTLET PROTECTION SHALL BE INSTALLED WITHIN 48 HOURS OF COMPLETING THE GRADING OF THAT SECTION OF DITCH OR INSTALLATION OF CULVERT.
- RIP RAP REQUIRED AT CULVERTS AND STORM DRAIN INLETS AND OUTLETS SHALL CONSIST OF FIELD STONE OR ROUGH UNHEWN QUARRY STONE OF APPROXIMATELY RECTANGULAR SHAPE. STONES SHALL WEIGH FROM 10 LBS. TO 200 LBS. AND 50% OF THE STONES BY VOLUME SHALL EXCEED A UNIT WEIGHT OF APPROXIMATELY 50 LBS.
- EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL PERMANENT SLOPES STEEPER THAN 3:1, IN THE BASE OF DITCHES NOT OTHERWISE PROTECTED, AND ANY DISTURBED AREAS WITHIN 100 FEET OF A PROTECTED NATURAL RESOURCE (E.G. WETLANDS AND WATER BODIES). EROSION CONTROL BLANKET SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- TEMPORARY CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER PERMANENT STABILIZATION IS ATTAINED.

HOUSEKEEPING

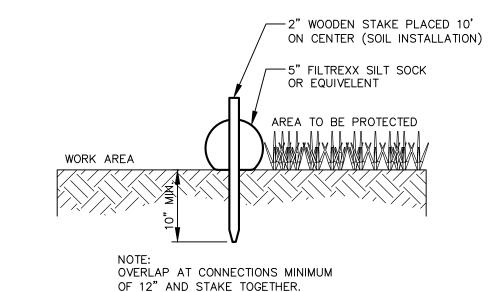
- SPILL PREVENTION. CONTROLS MUST BE USED TO PREVENT POLLUTANTS FROM BEING DISCHARGED FROM MATERIALS ON SITE, INCLUDING STORAGE PRACTICES TO MINIMIZE EXPOSURE OF THE MATERIALS TO STORM WATER, AND APPROPRIATE SPILL PREVENTION, CONTAINMENT, AND RESPONSE PLANNING AND IMPLEMENTATION.
- GROUNDWATER PROTECTION. DURING CONSTRUCTION, LIQUID PETROLEUM PRODUCTS AND OTHER HAZARDOUS MATERIALS WITH THE POTENTIAL TO CONTAMINATE GROUNDWATER MAY NOT BE STORED OR HANDLED IN AREAS OF THE SITE DRAINING TO AN INFILTRATION AREA. AN "INFILTRATION AREA" IS ANY AREA OF THE SITE THAT BY DESIGN OR AS A RESULT OF SOILS, TOPOGRAPHY AND OTHER RELEVANT FACTORS, ACCUMULATES RUNOFF THAT INFILTRATES INTO THE SOIL. DIKES, BERMS, SUMPS, AND OTHER FORMS OF SECONDARY CONTAINMENT THAT THE PURPOSES OF STORAGE AND HANDLING OF THESE MATERIALS.
- PREVENT DISCHARGE TO GROUNDWATER MAY BE USED TO ISOLATE PORTIONS OF THE SITE FOR FUGITIVE SEDIMENT AND DUST. ACTIONS MUST BE TAKEN TO ENSURE THAT ACTIVITIES DO NOT RESULT IN NOTICEABLE EROSION OF SOILS OR FUGITIVE DUST EMISSIONS DURING OR AFTER
- DEBRIS AND OTHER MATERIAL. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORM WATER, MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE.

CONSTRUCTION. OIL MAY NOT BE USED FOR DUST CONTROL.

TRENCH OR FOUNDATION DE-WATERING. TRENCH DE-WATERING IS THE REMOVAL OF WATER FROM TRENCHES, FOUNDATIONS, COFFER DAMS, PONDS AND OTHER AREAS WITHIN THE CONSTRUCTION AREA THAT RETAIN WATER AFTER EXCAVATION. THE COLLECTED WATER REMOVED FROM THE PONDED AREA, MUST BE FILTERED THROUGH A DIRT BAG, HAYBALE CORRAL OR OTHER SILTATION

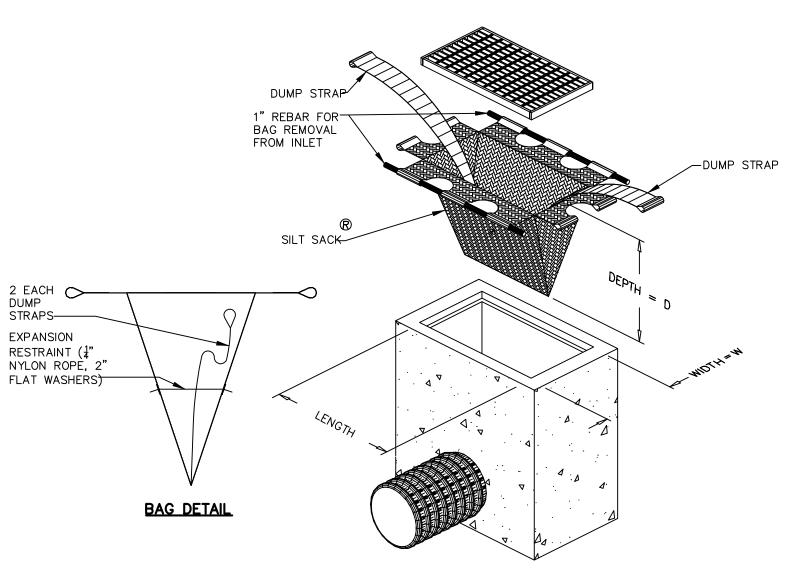
INSPECTION AND MAINTENANCE

- INSPECT DISTURBED AND IMPERVIOUS AREAS, EROSION AND STORMWATER CONTROL MEASURES, AREAS USED FOR STORAGE THAT ARE EXPOSED TO PRECIPITATION, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE A WEEK AS WELL AS BEFORE AND AFTER STORM EVENTS, PRIOR TO COMPLETION OF PERMANENT STABILIZATION, A PERSON WITH KNOWLEDGE OF EROSION AND STORM WATER CONTROLS, INCLUDING THE STANDARDS IN THE MAINE CONSTRUCTION GENERAL PERMIT AND ANY DEP OR MUNICIPAL COMPANION DOCUMENTS. MUST CONDUCT THE INSPECTION. THIS PERSON MUST BE IDENTIFIED IN THE INSPECTION LOG. I BEST MANAGEMENT PRACTICES BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY, IMPLEMENTATION MUST BE COMPLETED WITHIN 7 CALENDAR DAYS AND PRIOR TO ANY STORM EVENT (RAINFALL). ALL MEASURES MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION UNTIL AREAS ARE PERMANENTLY STABILIZED.
- AN INSPECTION AND MAINTENANCE LOG MUST BE KEPT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME AND QUALIFICATIONS OF THE PERSON PERFORMING THE INSPECTION, DATE, AND MAJOR OBSERVATIONS RELATING TO OPERATION OF EROSION AND SEDIMENTATION CONTROLS AND POLLUTION PREVENTION MEASURES. MAJOR OBSERVATIONS MUST INCLUDE: BMPS THAT NEED TO BE MAINTAINED, LOCATION(S) OF BMPS THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION, AND LOCATION(S) WHERE ADDITIONAL BMPS ARE NEEDED THAT DID NOT EXIST AT THE TIME OF THE INSPECTION. FOLLOW-UP TO CORRECT DEFICIENCIES OR ENHANCE CONTROLS MUST ALSO BE INDICATED IN THE LOG AND DATED; INCLUDING WHAT ACTION WAS TAKEN AND WHEN.



SECTION VIEW

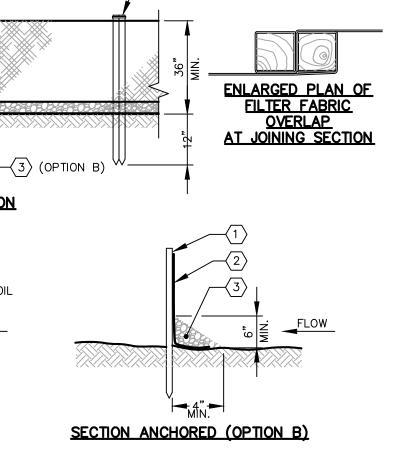
SEDIMENT BARRIER (SILT SOCK)



MAINTENANCE SCHEDULE

- 1. EACH SILTSACK SHOULD BE INSPECTED AFTER EVERY MAJOR RAIN EVENT.
- 2. IF THERE HAVE BEEN NO MAJOR EVENTS, SILTSACKS SHALL BE INSPECTED EVERY 2-3 WEEKS.
- 3. THE YELLOW RESTRAINT CORD SHOULD BE VISIBLE AT ALL TIMES. IF THE CORD IS COVERED WITH SEDIMENT, THE SILTSACK SHOULD BE EMPTIED.

SILTSACK DETAIL



1. 1.25"X1.25" OAK STAKES EMBEDED A MINIMUM OF 12" INTO THE GROUND.

2. FILTER FABRIC TO BE SEDIMENTATION CONTROL FABRIC MIRAFI 100X OR EQUIVALENT.

ELEVATION

-COMPACTED SOIL

3. 1" CRUSHED STONE ANCHORING MATERIAL.

SECTION KEYED IN (OPTION A)

SPACING PER

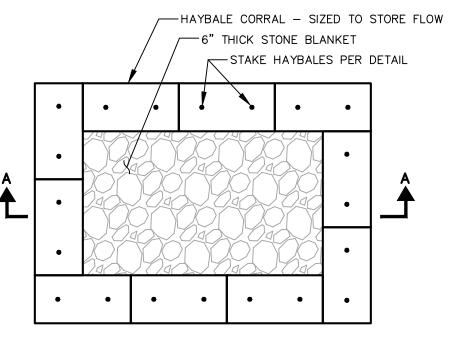
MANUFACTURER'S

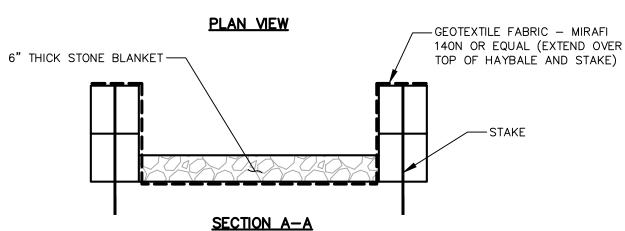
REQUIREMENTS

 $-\sqrt{2}$ (OPTION A)

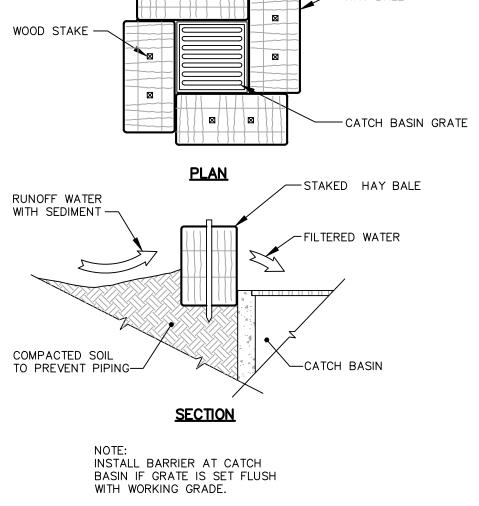
- OVERLAP AT JOINING SECTION AS SHOWN. A COUPLER CAN BE AN ACCEPTABLE DEVICE USED TO TIE THE OAK STAKES TOGETHER.
- INSTALLATION/PLACEMENT OF THE PERIMETER SILT FENCE SHALL BE IN ACCORDANCE WITH MAINE EROSION AND SEDIMENT CONTROL HANDBOOK FOR CONSTRUCTION: BEST MANAGEMENT PRACTICES AND SOIL EROSION & SEDIMENT CONTROL PLAN.





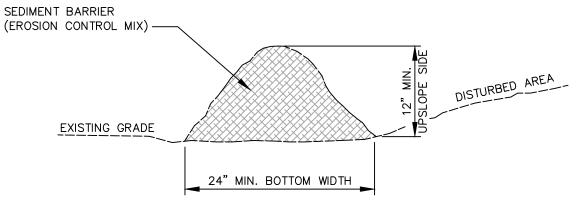


TEMPORARY HAYBALE CORRAL SEDIMENT BASIN



-HAY BALE

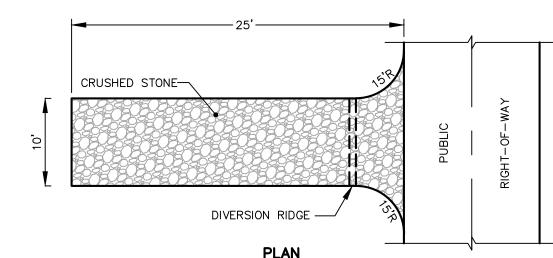
CATCH BASIN HAY BALE BARRIER



IN ORDER FOR EROSION CONTROL MIX TO BE USED IN LIEU OF SILT FENCE IT MUST MEET THE FOLLOWING STANDARDS:

- 1. THE ORGANIC MATTER CONTENT SHALL BE BETWEEN 50 AND 100%, DRY WEIGHT BASIS.
- 2. PARTICLE SIZE BY WEIGHT SHALL BE 100% PASSING A 6" SCREEN AND A MINIMUM OF 70%, MAXIMUM OF 85%, PASSING A 0.75" SCREEN.
- 3. THE ORGANIC PORTION NEEDS TO BE FIBROUS AND ELONGATED.
- 4. LARGE PORTIONS OF SILTS, CLAYS OR FINE SANDS ARE NOT ACCEPTABLE IN THE MIX.
- 5. SOLUBLE SALTS CONTENT SHALL BE <4.0 mmhos/cm.
- 6. THE pH SHOULD FALL BETWEEN 5.0 AND 8.0.
- 7. THE EROSION CONTROL MIX SHALL CONTAIN A WELL GRADED MIXTURE OF PARTICLE SIZES AND MAY CONTAIN ROCKS LESS THAN 4" DIAMETER. EROSION CONTROL MIX MUST BE FREE OF REFUSE, PHYSICAL CONTAMINANTS, AND MATERIAL TOXIC TO PLANT
- 8. PLACE BARRIER ALONG A RELATIVELY FLAT CONTOUR. CUT TALL GRASSES OR WOODY IO AVOID CREATING VOIDS AND BRIDGES WHERE FINES. CAN WASH UNDER THE BARRIER THROUGH GRASS BLADES AND BRANCHES.
- 9. PLACEMENT OF BARRIER SHOULD BE: - AT TOE OF THE SLOPE.
- ON FROZEN GROUND, BEDROCK OR ROOTED FORESTED AREAS. - AT THE EDGE OF GRAVEL AND AREAS UNDER CONSTRUCTION.
- 10. BARRIER SHALL NOT BE USED ADJACENT TO WETLANDS
- 11. REMOVE SEDIMENT DEPOSITS WHEN THEY REACH APPROXIMATELY ONE HALF THE HEIGHT
- 12. WHEN BARRIER IS DECOMPOSED, CLOGGED WITH SEDIMENT, ERODED OR INEFFECTIVE, IT MUST BE REPLACED OR REPAIRED. THE BARRIER SHOULD BE RESHAPED AS

SEDIMENT BARRIER (EROSION CONTROL MIX)



NOTES:

- 1. USE CRUSHED STONE OR ACCEPTABLE ON—SITE MATERIAL. (STONE AGGREGATE SIZE 2"
- 2. GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA TO BE COVERED WITH AGGREGATE. ACCEPTABLE MATERIALS ARE TREVIRA SPUNBOND 1135 MIRAFI 600X, OR EQUIVALENT.
- 3. LENGTH AS SHOWN.
- 4. THICKNESS NOT LESS THAN SIX (6) INCHES.

BE REMOVED IMMEDIATELY.

- 5. PROVIDE APPROPRIATE TRANSISTION BETWEEN STABILIZED CONSTRUCTION ENTRANCE AND PUBLIC RIGHT-OF-WAY. INGRESS OR EGRESS.
- 6. MAINTENANCE THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC REPAIR AND TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST
- 7. WHEN COMPLETE, CONTRACTOR TO REMOVE STONE AND GRADE SUBBASE TO MATCH EXISTING OR PROPOSED GRADES. COVER WITH MINIMUM 6-INCH LAYER OF LOAM, APPLY WETLAND SEED MIX WHEN IN FLOODPLAIN (ELEVATION 40 AND BELOW) AND CONSERVATION MIX ABOVE. COVER WITH BIODEGRADABLE DOUBLE NET STRAW MAT.

STABILIZED CONSTRUCTION ENTRANCE



846 Main St., Westbrook, ME 04092 T: 207-591-7000



REV.	DATE	REVISION DESCRIPTION
1.	9/10/19	REVISED PER TOWN COMMENTS
0.	6/5/19	ISSUED FOR PERMITTING

DESIGNED BY: DRAWN BY: PMG CHECKED BY: PJC DATE: 9/10/2019 FILE NAME: 2572-0011 Details.dwg

PROJECT NAME:

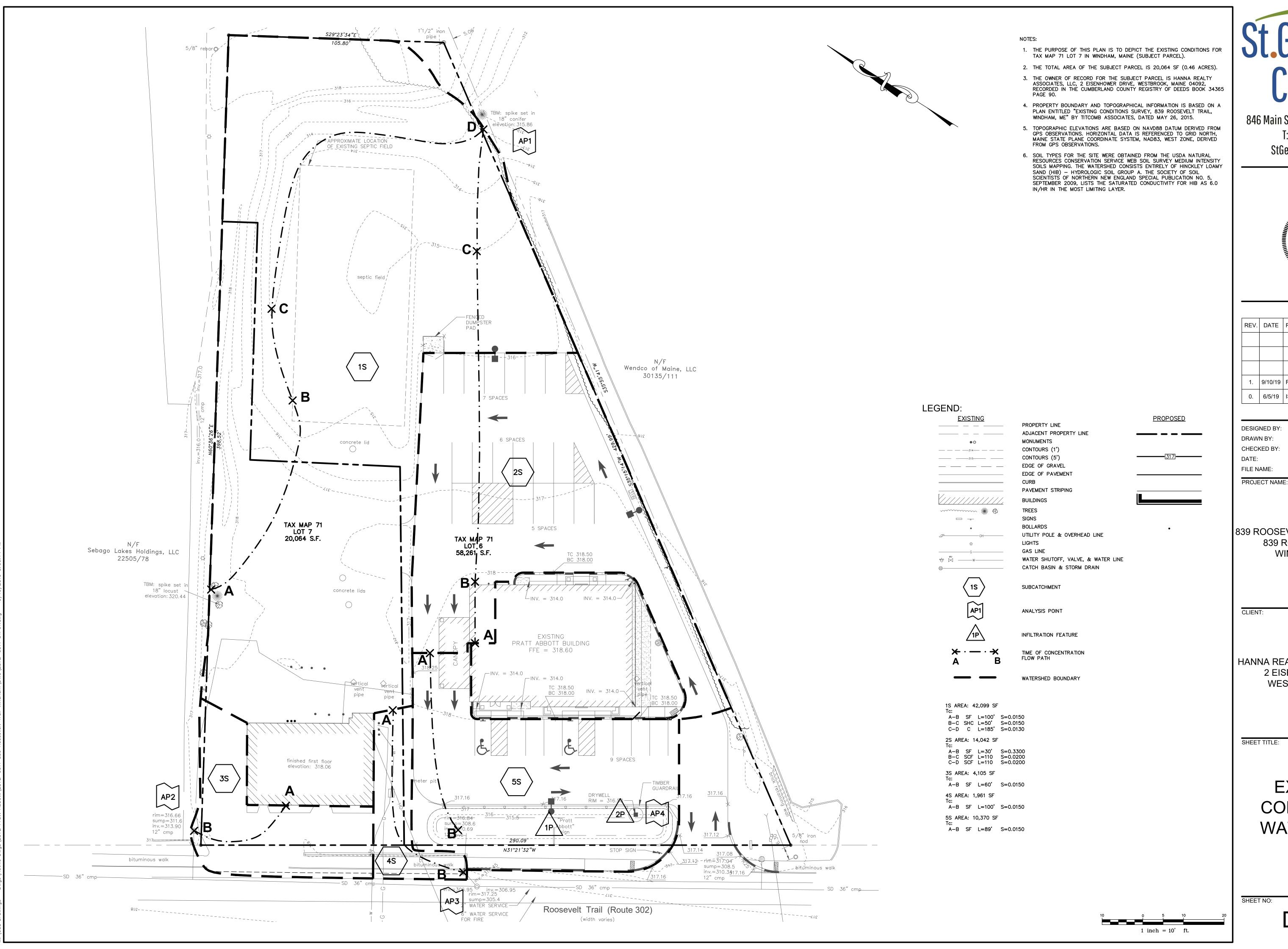
839 ROOSEVELT REDEVELOPMENT 839 ROOSEVELT TRAIL WINDHAM, MAINE

CLIENT:

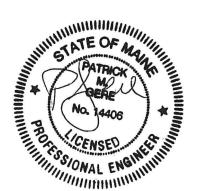
HANNA REALTY ASSOCIATES, LLC 2 EISENHOWER DRIVE WESTBROOK, MAINE

SOIL EROSION & SEDIMENT **CONTROL NOTES** & DETAILS

C-503



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REV.	DATE	REVISION DESCRIPTION
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0.	6/5/19	ISSUED FOR PERMITTING

ESIGNED BY:	PMG
RAWN BY:	PMG
HECKED BY:	PJC
ATE:	9/10/2019
ILE NAME:	2572-0011 STP01.dwg

839 ROOSEVELT REDEVELOPMENT

839 ROOSEVELT TRAIL WINDHAM, MAINE

CLIENT:

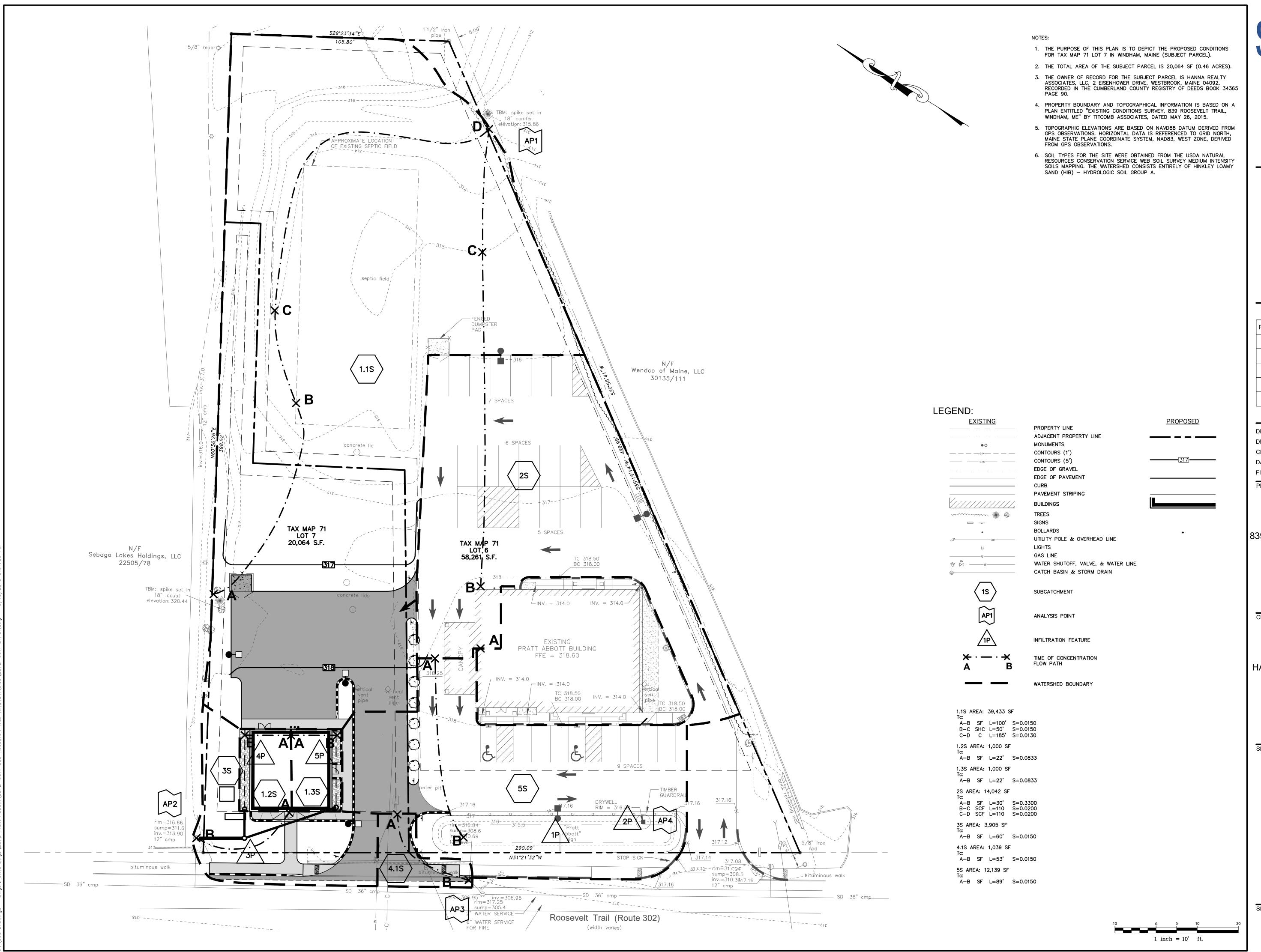
HANNA REALTY ASSOCIATES, LLC 2 EISENHOWER DRIVE WESTBROOK, MAINE

SHEET TITLE:

EXISTING CONDITIONS WATERSHED **PLAN**

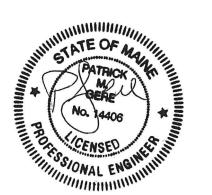
SHEET NO:

D-101





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ESIGNED BY:	PMG
RAWN BY:	PMG
HECKED BY:	PJC
ATE:	9/10/2019
ILE NAME:	2572-0011 STP01.dwg

PROJECT NAME:

839 ROOSEVELT REDEVELOPMENT 839 ROOSEVELT TRAIL WINDHAM, MAINE

CLIENT:

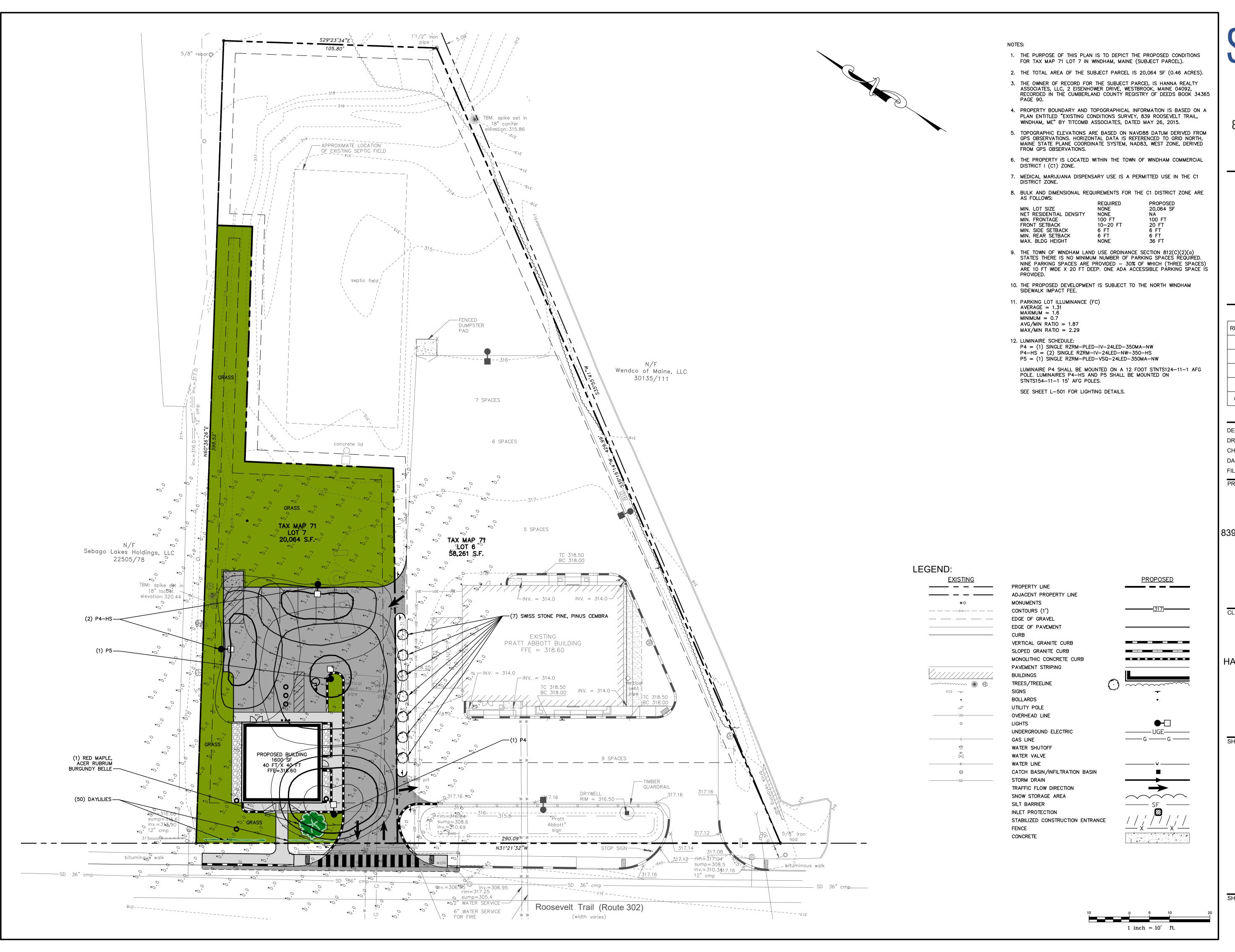
HANNA REALTY ASSOCIATES, LLC 2 EISENHOWER DRIVE WESTBROOK, MAINE

SHEET TITLE:

PROPOSED CONDITIONS WATERSHED PLAN

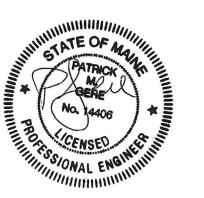
SHEET NO:

D-102



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REV.	DATE	REVISION DESCRIPTION
1.	9/10/19	REVISED PER TOWN COMMENTS
0.	6/5/19	ISSUED FOR PERMITTING

DESIGNED BY:	PMG
DRAWN BY:	PMG
CHECKED BY:	PJC
DATE:	9/10/2019
FILE NAME:	2572-0011 STP01.dwg

PROJECT NAME:

839 ROOSEVELT REDEVELOPMENT 839 ROOSEVELT TRAIL WINDHAM, MAINE

CLIENT:

HANNA REALTY ASSOCIATES, LLC 2 EISENHOWER DRIVE WESTBROOK, MAINE

HEET TITLE:

LIGHTING & LANDSCAPE PLAN

SHEET NO:

L-101



RAZAR SERIES-LED

S P E C I F I C A T I O N S

OPTICAL HOUSING Heavy cast low copper aluminum (A356 alloy; <0.2% copper) assembly with integral cooling fins. The Optical Panel mounting surface is milled flat (surface variance <± .002") to facilitate thermal transfer of heat to housing and cooling fins. Solid barrier wall separates optical and electrical compartments. The optical and electrical compartments are integrated to create one assembly. Minimum wall thickness is .188".

ELECTRICAL HOUSING w/INTEGRATED ARM Heavy cast low copper aluminum (A356 alloy; <0.2% copper) assembly with integral cooling ribs surrounding the electrical compartment and a flat surface on the top of the arm to accommodate a photocell receptacle. Solid barrier wall separates optical and electrical compartments. The optical compartment and electrical compartment with the integrated support arm combine to create one assembly. Minimum wall thickness is .188". Cast and hinged driver assembly cover is integrated with wiring compartment cover.

PLED™OPTICS Emitters (LED's) are arrayed on a metal core PCB panel with each emitter located on a copper thermal transfer pad and enclosed by an LED refractor. LED optics completely seal each individual emitter to meet an IP66 rating. In asymmetric distributions, a micro-reflector inside the refractor re-directs the house side emitter output towards the street side and functions as a house side shielding element. Refractors are injection molded H12 acrylic. Each LED refractor is sealed to the PCB over an emitter and all refractors are retained by an aluminum frame. Any one Panel, or group of Panels in a luminaire, have the same optical pattern. LED refractors produce standard site/area distributions. Panels are field replaceable and field rotatable in 90° increments.

Constant current electronic with a power factor of >.90 and a minimum operating temperature of -40°F/-40°C. Driver(s) is/are UL and cUL recognized and mounted directly against the Electrical Housing to facilitate thermal transfer, held down by universal clamps to facilitate easy removal. In-line terminal blocks facilitate wiring between the driver and optical arrays. Drivers accept an input of 120-277V, 50/60Hz or 347V-480V, 50,60Hz. (0 - 10V dimmable driver is standard. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with 20KV surge protector for field accessible installation.)

High output LED's are utilized with drive currents ranging from 350mA to 1050mA. 70CRI Minimum. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

PCA (Phosphor Converted Amber) LED's utilize phosphors to create color output similar to LPS lamps and have a slight output in the blue spectral bandwidth. TRA (True Amber) LED's utilize material that emits light in the amber spectral bandwidth only without the use of phosphors.

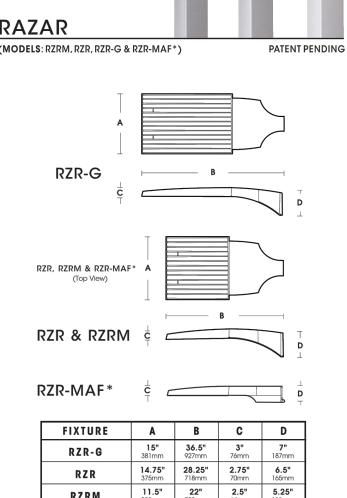
Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step media blast and iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability.

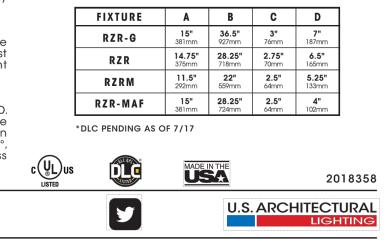
MAST ARM FITTER/ELECTRICAL HOUSING Replaces standard Electrical Housing. Fits standard 2 3/8" O.D. horizontal tenon. Two (2) straps with two (2) bolts each encircle the lower half of the tenon. Upper half of the tenon rests on self-centering steps that position the angle of the luminaire at 0°, +1.5°, +1.5 or +3° up from the horizontal. All hardware is stainless

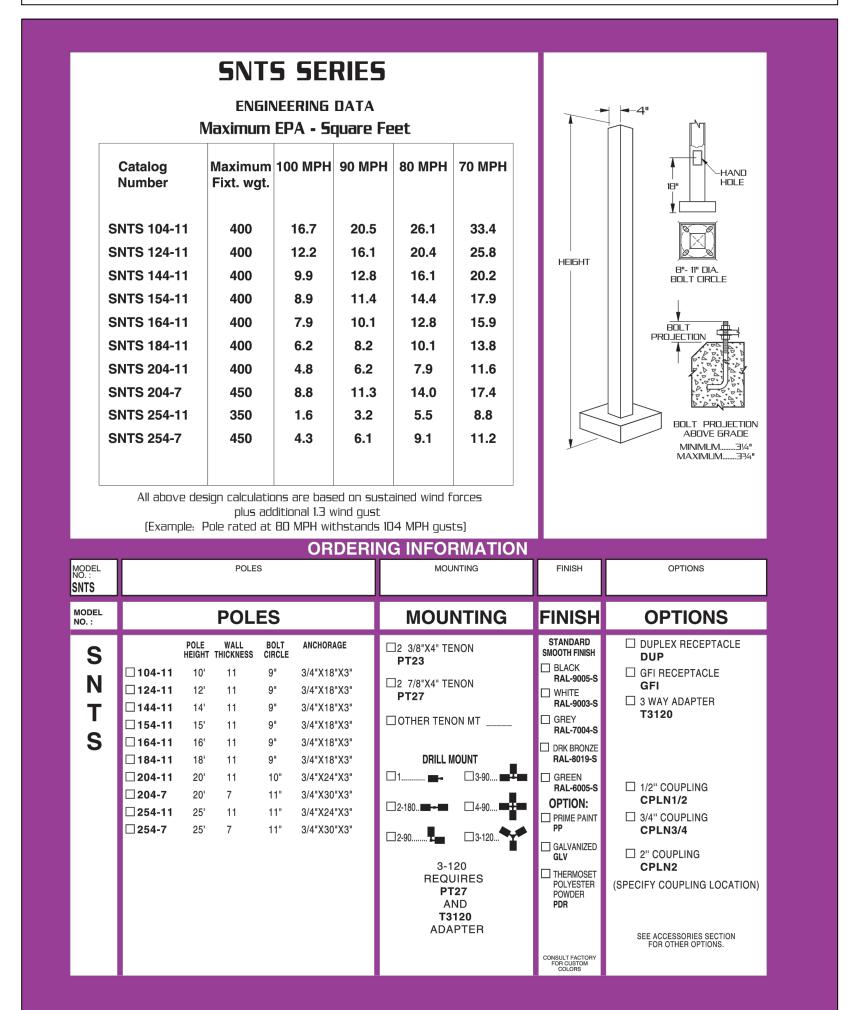
U.S. Architectural Lighting

660 West Avenue Q. Palmdale, CA 93551
Phone (661) 233-2001
Phone (661) 233-2000
Phone







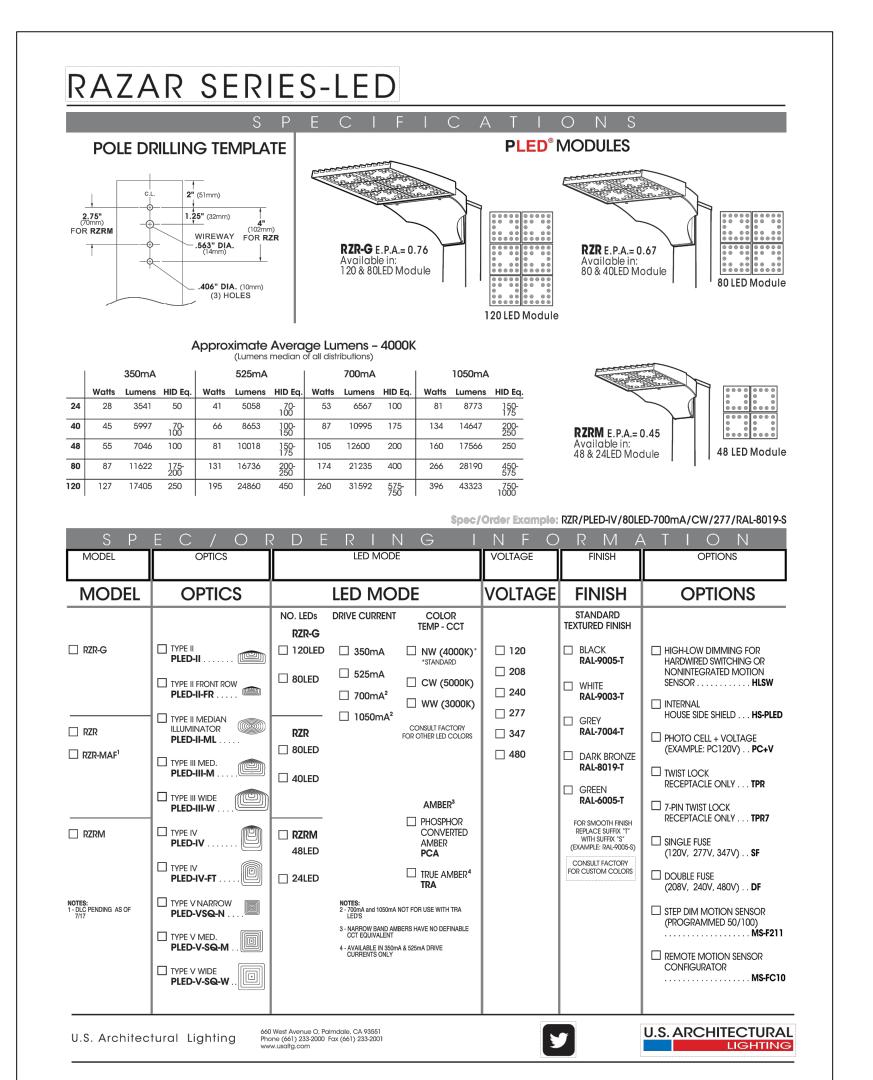


U.S. ARCHITECTURAL

LIGHTING

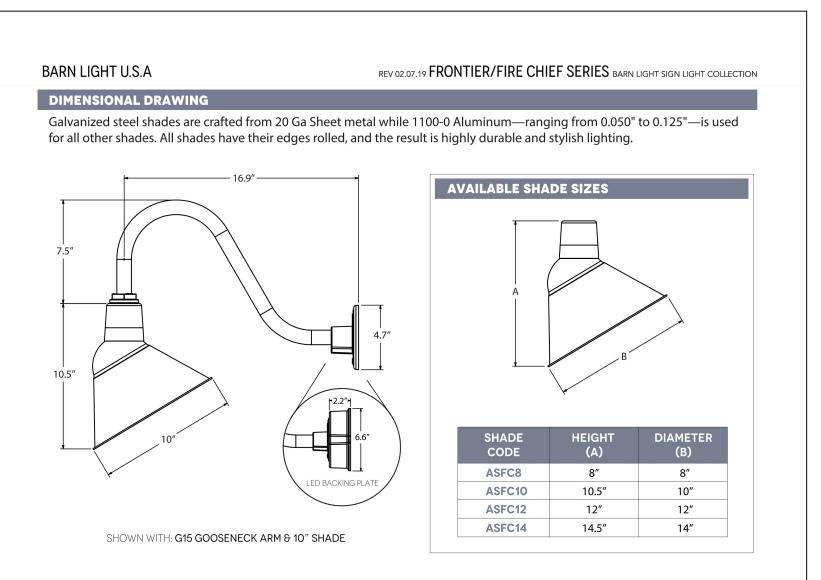
F1-2

660 WEST AVENUE O, PALMDALE, CA. 93551 (661) 233-2000 FAX NO. (661) 233-2001 www.usaltg.com



HTIQS Lighting Products	Wall F	Pak Pro		Project Info	ormation
WPM43LED 4	13 Watt LED Wall	Pak		Fixture Type	43 Watt LED Die Cast Wall Pa
. (II)	TYPE TO THE TOTAL PROPERTY OF THE TOTAL PROP	Succession of the succession o	MANUFACTURED	Catalog Num	nber WPM43LED
LISTED	DARK	VI APPROVED VISTED PREMIU	M & TESTED IN USA*	Approved by	1
SPECIFICATION		or warmer Ts only			Alpha Series L
	WPM43LED3K	WPM43LED4K		WPM43LED5K	PROFESSIONAL G
Lumens: Watts:	5025 43.19	5025 43.19	5025 43.19	5229 43.20	
<u>Lumens/Watt:</u> CRI:	116.35 80	116.35 80	116.35 80	121.06 80	- Jul I IIII
CCT: DLC Prod. ID:	3000 PSJ9ZSWO	4000 P5TA0BCV	4500 PVNA7VLO	5000 PJE1WH54	- //////9////
Construction:		•			
Designed for cor	nmercial and ind	lustrial application Ionger LED life. <i>N</i>	ns, providing cod Nanufactured w/	oler operating 100% pure	I I I I I I I I I I I I I I I I I I I
aluminum & 0%	remelt. Aperture	es for field or facto	ory installed pho	tocontrol.	
I nstallation: Labor saving qui	ick mount box wi	ith apertures for c	continuous wiring	ą.	
Zero Glare:					WP Design is P
Using the latest loutput is produced	high brightness, ced while elimina	high LED count te ting glare. The fix	echnology, more kture design dire	usable light cts more light	by US Patent D and D
down and forwa Thermal Manag	rd without wasti	ng lumens and of	fensive light.	3	DIMENSIONS:
extracts heat fro components. Th component life a Listings: Luminaire is cert	m within the house lower tempera and also allows fo diffed to UL/cUL S	ding thermal stac using moving it av tures result in lon or higher light out tandards for Wet	way from LEDs ar ig LED life (200,00 put. Locations	nd 20+ hrs) and	7.79"
DesignLights Co DLC member uti AC Input:		m qualified lumir	naire, eligible for	rebates from	9.29"
120/208/240/27	7 V				.13"—
Driver: Constant current High Efficiency – Off-State Power: 0-10 V Dimming	0 Watts	7 VAC, 50-60 Hz			
	500K, 5000K CCT rotective conforr	nal coated boards	S		.99
	year limited warra				9.06" ← 2.6" →
	aires have been to IESNA LM-79 & L	ested by an indep .M-80.	endent laborato	ry in	
Photo Control: For factory instal	lled 120V button	photo control ad	d suffix PC to pa	rt number.	
					es and Incentives are available in r

LED COUNT	SOURCE TYPE	SOURCE	INITIAL LUMENS - 4000K CCT	INITIAL LUMENS - 3000K CCT	INITIAL LUMENS - 5000K CCT	L70 GREATER THAN (HR)	STARTING TEMP.	SYSTEM WATTS	VOLTS	MAX INPUT AMPS
24	LED	24 PLED [®] Optical Module - 350mA	3,298 - 3,784	3,133 - 3,595	3,463 - 3,973	60,000+	-20°F	29	120 277	0.24 0.10
24	LED	24 PLED [®] Optical Module - 525mA	4,711 - 5,405	4,475 - 5,135	4,947 - 5,675	60,000+	-20°F	42	120 277	0.34 0.15
24	LED	24 PLED [®] Optical Module - 700mA	6,023 - 6,911	5,722 - 6,565	6,324 - 7,256	60,000+	-20°F	56	120 277	0.45 0.20
24	LED	24 PLED [®] Optical Module - 1050mA	8,171 - 9,375	7,762 - 8,906	8,580 - 9,844	60,000+	-20°F	82	120 277	0.68 0.30
40	LED	40 PLED Optical Module - 350mA	5,585 - 6,408	5,306 - 6,088	5,864 - 6,729	60,000+	-20°F	43	120 277	0.38 0.17
40	LED	40 PLED [®] Optical Module - 525mA	8,059 - 9,246	7,656 - 8,784	8,462 - 9,709	60,000+	-20°F	65	120 277	0.55 0.24
40	LED	40 PLED® Optical Module - 700mA	10,240 - 11,749	9,728 - 11,162	10,752 - 12,337	60,000+	-20°F	87	120 277	0.73 0.32
40	LED	40 PLED [®] Optical Module - 1050mA	13,642 - 15,652	12,960 - 14,870	14,324 - 16,435	60,000+	-20°F	128	120 277	1.12 0.49
48	LED	48 PLED [®] Optical Module - 350mA	6,562 - 7,529	6,234 - 7,153	6,890 - 7,909	60,000+	-20°F	53	120 277	0.46 0.20
48	LED	48 PLED [®] Optical Module - 525mA	9,330 - 10,705	8,864 - 10,170	9,797 - 11,240	60,000+	-20°F	79	120 277	0.68 0.29
48	LED	48 PLED ® Optical Module - 700mA	11,735 - 13,464	11,148 - 12,791	12,322 - 14,137	60,000+	-20°F	106	120 277	0.88 0.38
48	LED	48 PLED [®] Optical Module - 1050mA	16,360 - 18,771	15,542 - 17,832	17,178 - 19,709	60,000+	-20°F	160	120 277	1.33 0.58
RZR										
80	LED	80 PLED [®] Optical Module - 350mA	10,824 - 12,419	10,283 - 11,798	11,365 - 13,040	60,000+	-20°F	86	120 277	0.75 0.33
80	LED	80 PLED ° Optical Module - 525mA	15,587 - 17,884	14,808 - 16,990	16,366 - 18,778	60,000+	-20°F	130	120 277	1.10 0.48
80	LED	80 PLED ° Optical Module - 700mA	19,767 - 22,680	18,779 - 21,546	20,755 - 23,814	60,000+	-20°F	174	120 277	1.45 0.63
80	LED	80 PLED [®] Optical Module - 1050mA	26,255 - 30,124	24,942 - 28,618	27,568 - 31,630	60,000+	-20°F	257	120 277	2.22 0.96
RZR-G										
80	LED	80 PLED [®] Optical Module - 350mA	10,950 - 12,564	10,403 - 11,936	11,498 - 13,192	60,000+	-20°F	87	120 277	0.75 0.33
80	LED	80 PLED [®] Optical Module - 525mA	15,735 - 18,054	14,948 - 17,151	16,522 - 18,957	60,000+	-20°F	129	120 277	1.10 0.48
80	LED	80 PLED [®] Optical Module - 700mA	20,074 - 23,032	19,071 - 21,881	21,078 - 24,184	60,000+	-20°F	174	120 277	1.45 0.63
80	LED	80 PLED ° Optical Module - 1050mA	27,651 - 31,725	26,268 - 30,139	29,033 - 33,311	60,000+	-20°F	266	120 277	2.22 0.96
120	LED	120 PLED ° Optical Module - 350mA	16,211 - 18,599	15,400 - 17,669	17,021 - 19,529	60,000+	-20°F	130	120 277	1.06 0.46
120	LED	120 PLED [®] Optical Module - 525mA	23,154 - 26,566	21996 - 25,238	24,312 - 27,894	60,000+	-20°F	192	120 277	1.63 0.70
120	LED	120 PLED [®] Optical Module - 700mA	29,424 - 33,760	27,953 - 32,072	30,895 - 35,448	60,000+	-20°F	260	120 277	2.17 0.94
120	LED	120 PLED [®] Optical Module - 1050mA	40,350 - 46,296	38,333 - 43,981	42,368 - 48,611	60,000+	-20°F	398	120 277	3.33 1.43
2 3 4	. Lumen value . System Watts . Fuse value sh Note: Surge s . L70(10K) – TN	nps is the highest of startin s for LED Modules vary acc includes the source watts nould be sufficient to prote suppressors are considere 1-21 6x rule applied. Il fixtures must be installed	cording to the d and all driver c ct all wiring cor d a perishable	istribution type. omponents. nponents. For e device.	80LED array app	nd LED component	protection, use s	urge suppresso		



LIGHT SOURCE
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. Data
is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. To obtain an
IES file specific to your project, please contact the factory.

OPTION	WATTAGE	LUMENS	CRI	VOLTAGE	DIMMING
LEDS					
LED11	11W	850	>90	120 VAC	TRIAC
LED16	16W	1250	>90	120 VAC	TRIAC
LED16.8	16W	1600	>90	120 VAC	TRIAC
LED27	27W	2000	>90	120-277 VAC	0-10V
INCANDESCENT	(MED E26)				
E26	200W Max	1400	100	120 VAC	Bulb Dependant
COMPACT FLOU	RESCENT (GU24 CFL)			
GU24	23W Max	1400	75	120 VAC	Bulb Dependant

320 Knox McRae Dr. Titusville, FL 32780 Phone: (800) 407-8784 Email: sales@barnlight.com Web: www.barnlight.com

846 Main St., Westbrook, ME 04092 T: 207-591-7000 StGermainCollins.com



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DRAWN BY:	PMG
CHECKED BY:	PJC
DATE:	9/10/2019
FILE NAME:	2572-0011 Details.dwg

PROJECT NAME:

839 ROOSEVELT REDEVELOPMENT 839 ROOSEVELT TRAIL WINDHAM, MAINE

CLIENT:

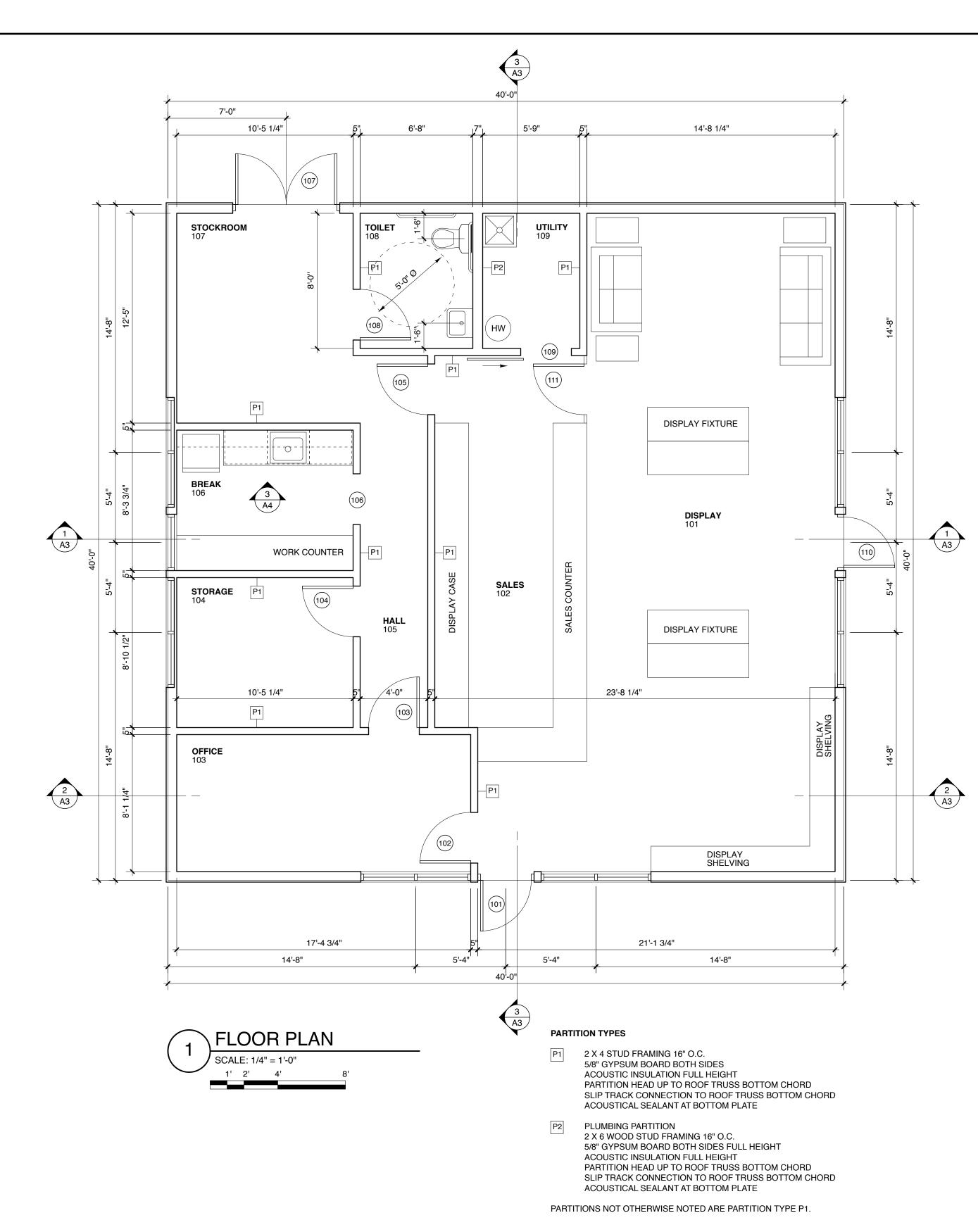
HANNA REALTY ASSOCIATES, LLC 2 EISENHOWER DRIVE WESTBROOK, MAINE

SHEET TITLE:

LIGHTING **DETAILS**

SHEET NO:

L-501



GENERAL NOTES

- 1. BEFORE BEGINNING WORK AT THE SITE, AND THROUGHOUT THE COURSE OF THE WORK, INSPECT AND VERIFY THE LOCATION AND CONDITION OF EVERY ITEM AFFECTED BY THE WORK UNDER THIS CONTRACT AND REPORT DISCREPANCIES TO ARCHITECT BEFORE BEGINNING WORK RELATED TO THAT BEING INSPECTED.
- 2. THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. INCIDENTAL WORK MAY ALSO BE NECESSARY IN AREAS NOT SHOWN ON THE ARCHITECTURAL DRAWINGS DUE TO MECHANICAL, ELECTRICAL, PLUMBING, OR OTHER SYSTEMS. SUCH INCIDENTAL WORK IS ALSO PART OF THIS CONTRACT. INSPECT THOSE AREAS, ASCERTAIN WORK NEEDED, AND DO THAT WORK IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS, AT NO ADDITIONAL COST.
- 3. DIMENSIONS SHOWN ARE TO BUILDING LINES, COLUMN CENTERLINES, OPENING CENTERLINES, AND PARTITION FINISH FACES, OR AS OTHERWISE NOTED.
- 7. ENCLOSE CONDUITS, DUCTS, PIPES, AND SIMILAR ITEMS IN FURRING WHERE SUCH ITEMS PASS THROUGH FINISHED SPACES WHETHER OR NOT FURRING IS INDICATED. INSULATE IN

WEATHER SEALING NOTES

- 1. PROVIDE COMPLETE AIR BARRIER IN EXTERIOR ENVELOPE BY MEANS OF VAPOR RETARDER AND EXTERIOR WEATHER BARRIER.
- 2. WEATHER BARRIER: ZIP SYSTEM SHEATHING. TAPE ALL JOINTS
- 3. VAPOR RETARDER WALLS AND CEILING: INTELLO PLUS OR EQUAL.
- 4. SEAL EDGES OF WEATHER BARRIER AND VAPOR RETARDER TO SUBSTRATES WITH ADHESIVE TAPES AND SEALANTS COMPATIBLE WITH SHEET MATERIALS. REPAIR ANY TEARS OR GAPS WITH ADHESIVE TAPE.
- 5. VAPOR RETARDER UNDER FLOOR SLAB: W.R. MEADOWS PERMINATOR 15 MIL OR EQUAL. OVERLAP ALL HORIZONTAL JOINTS AND SEAL EDGES TO FOUNDATION.
- 6. CEILING INSULATION: 14" DEEP BLOWN CELLULOSE, R-50 MINIMUM IN HORIZONTAL APPLICATION
- 7. WALL INSULATION: ROCKWOOL COMFORTBATT INSULATION. R-22, 5.5 INCH THICKNESS.
- 8. INSULATION INSIDE FOUNDATION WALLS: 2 INCHES DOW EXTRUDED POLYSTYRENE.
- 9. INSULATION UNDER FLOOR SLAB: 2 INCHES DOW HI-LOAD 60 EXTRUDED POLYSTYRENE.
- 10. FLOOR SLAB VAPOR BARRIER: 10 MIL REINFORCED POLY SHEET. OVERLAP JOINTS.
- 11. DAMPPROOFING FOUNDATION BELOW GRADE: HENRY HE788 NON-FIBERED ASPHALT EMULSION DAMPPROOFING OR EQUAL.

ROOFING NOTES

- 1. ROOFING: LAMINATED TAB ASPHALT SHINGLES SELECTED BY OWNER.
- 2. UNDERLAYMENT: PER MANUFACTURER'S RECOMMENDATIONS.
- 3. EAVES AND VALLEY FLASHING: 2 COURSES W.R. GRACE ICE & WATER SHIELD.
- 4. DRIP EDGE: COATED ALUMINUM COMPATIBLE WITH SHINGLE ROOFING.

EXTERIOR FINISH NOTES

- 1. SIDING: LP SMARTSIDE LAP SIDING. SMOOTH FINISH LAP 25920, 6" TO WEATHER. PAINT
- 2. CORNERBOARDS: LP REVERSIBLE TRIM 25948. PAINT FINISH.
- 3. FRIEZE: LP REVERSIBLE TRIM 25949. PAINT FINISH.
- 4. FASCIA: LP REVERSIBLE TRIM 25942 AND 25940. PAINT FINISH.
- 5. SOFFIT: LP 76 SERIES SOFFIT PANELS. PAINT FINISH.
- 6. WATER TABLE: 5/4 X 10 AZEK TRIM.
- 7. DOOR AND WINDOW CASING: 5/4 X 6 AZEK TRIM.

INTERIOR FINISH NOTES

- 1. FINISH MATERIALS AND COLORS AS SELECTED BY OWNER, IN ACCORDANCE WITH THE FOLLOWING:
- 2-PART POURED EPOXY. COLOR AND TEXTURE AS SELECTED BY OWNER.
- PAINTED GYPSUM BOARD. 4" VINYL BASE.
- CEILINGS: PAINTED GYPSUM BOARD.
- DOOR AND WINDOW TRIM: PAINTED GYPSUM BOARD JAMBS.

DOOR AND WINDOW NOTES

- 1. EXTERIOR DOORS AND WINDOWS ARE ALUMINUM STOREFRONT EQUAL TO KAWNEER 451T WITH INSULATED GLASS. COLOR CLEAR ANODIZED. DOOR 107 TO BE INSULATED HOLLOW METAL FLUSH DOOR WITH HOLLOW METAL FRAME. LEVER HANDLE HARDWARE.
- 2. INTERIOR DOORS:
- 3'-0" X 7'-0" SOLID CORE FLUSH NATURAL FINISH BIRCH DOORS HOLLOW METAL FRAMES LEVER HANDLE HARDWARE DOOR 109 TO BE BARN-DOOR STYLE SLIDING DOOR WITH TRACK OPENING 106 TO BE DRYWALL CASED OPENING 3'-0" X 7'-0" DOOR 111 TO BE COUNTER HEIGHT, TO MATCH DISPLAY CASEWORK

PLUMBING SYSTEM NOTES

- 1. PROVIDE DRAIN AND WASTE CONNECTIONS TO NEW PLUMBING FIXTURES.
- 2. PROVIDE PLUMBING FIXTURES AS SELECTED BY OWNER: WATER CLOSET, LAVATORY & FAUCET, KITCHEN SINK & FAUCET, MOP SINK & FAUCET, WATER HEATER.

MECHANICAL SYSTEM NOTES

- 1. PROVIDE DUCTLESS MINI-SPLIT HEAT PUMP SYSTEM TO PROVIDE HEAT AND COOLING.
- 2. PROVIDE EXHAUST FAN DUCTED TO OUTSIDE AT BATH.
- 3. PROVIDE FRESH AIR AND VENTILATION BY ENERGY RECOVERY VENTILATOR.
- 4. SUBMIT PRODUCT INFORMATION TO THE OWNER FOR REVIEW.

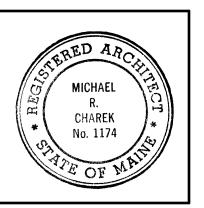
ELECTRICAL SYSTEM NOTES

- 1. PROVIDE DUPLEX OUTLETS AT LOCATIONS INDICATED BY OWNER.
- 2. LIGHT FIXTURES AND SWITCHING AS SELECTED BY OWNER.
- 3. EXTERIOR LIGHT FIXTURE LOCATIONS SHOWN ON SHEET A2.

LIFE SAFETY AND SECURITY SYSTEM NOTES

- 1. PROVIDE EMERGENCY LIGHTING AND EXIT SIGNS AS INDICATED AND AS REQUIRED BY
- 2. PROVIDE ONE 3 LB A,B,C FIRE EXTINGUISHER AT EVERY EXIT.
- 3. PROVIDE MONITORED SECURITY SYSTEM AS SELECTED BY OWNER.

Michael Chare Architects



Jane Store Gooc Retail

Title

FLOOR PLAN

AND NOTES

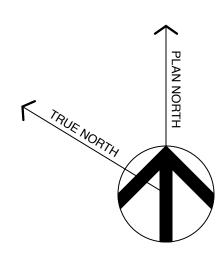
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Date: 9/10/19

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Revisions

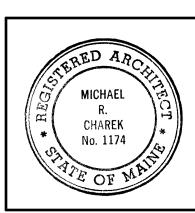
Sheet



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