

SPARHAWK LLC  
YARMOUTH, MAINE 04096

GREEN SPACE  
CONCRETE  
PAVEMENT  
PAVEMENT STRIPING  
EDGE OF PAVEMENT  
CURB  
EDGE OF GRAVEL  
LAMP OR LIGHT POLE  
UTILITY POLE  
CATCH BASIN  
ELECTRIC METER  
GAS METER  
OVERHEAD UTILITY  
APPROXIMATE PROPERTY  
APPROXIMATE ABUTTER  
SETBACK LINE  
MINOR CONTOURS (1  
MAJOR CONTOURS (5  
EDGE OF WATER  
BOLLARD  
GUARD RAIL  
PICKET FENCE  
STORM DRAIN LINE  
CULVERT  
BUILDING  
RETAINING WALL  
BOULDER

UNITIL SERVICE CORP  
1075 FOREST AVENUE  
PORTLAND, ME 04103  
CONTACT: SCOTT CARPENTER  
(207) 541-2543

BARRETT MADE  
65 HANOVER STREET  
PORTLAND, MAINE  
CONTACT: ROB BARRETT  
(207) 210-4421

PARTIAL LIST OF ABBREVIATIONS AND THEIR CORRESPONDING MEANING. PLEASE CONTACT THE ENGINEER FOR ANY CLARIFICATION	
APPROX.	APPROXIMATE
BC	BOTTOM OF CURB
BFE	BASE FLOOD ELEVATION
BMP	BEST MANAGEMENT PRACTICE
BOT.	BOTTOM
CB	CATCH BASIN
CF	CUBIC FOOT
CIP	CAST IN PLACE
CM	CONSTRUCTION MANAGER
CMP	CENTRAL MAINE POWER
CONC.	CONCRETE
CPP	CORRUGATED PLASTIC PIPE
CY	CUBIC YARD
DIP	DUCTILE IRON PIPE
DIA.	DIAMETER
DIM.	DIMENSION
EA.	EACH
ELEC.	ELECTRICAL
EL. ELEV.	ELEVATION
EQUIV.	EQUIVALENT
EST.	ESTIMATE
EX.	EXISTING
FFE	FINISH FLOOR ELEVATION
FT.	FEET
GAL.	GALVANIZED
ID	INNER DIAMETER
IN.	INCH
INV.	INVERT
L	LENGTH
MAX.	MAXIMUM
MDOT	MAINE DEPARTMENT OF TRANSPORTATION
MFG.	MANUFACTURED
MH	MANHOLE
MIN.	MINIMUM
O.C.	ON CENTER
OD	OUTSIDE DIAMETER
OHE/T/C	OVERHEAD ELECTRIC/TELEPHONE/CABLE
PC	PRECAST
PE	PROFESSIONAL ENGINEER
PL	PROPERTY LINE
PLS	PROFESSIONAL LAND SURVEYOR
PROP.	PROPOSED
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
PWD	PORTLAND WATER DISTRICT
R	RADIUS
RD	ROOF DRAIN
RET.	RETAINING
ROW	RIGHT OF WAY
S	SLOPE
SD	STORM DRAIN
SDR	STANDARD DIMENSION RATIO
SF	SQUARE FEET
SMH	SEWER MANHOLE
SPEC.	SPECIFICATION
TC	TOP OF CURB
TW	TOP OF WALL
TYP.	TYPICAL
UD	UNDERDRAIN
UGE	UNDERGROUND ELECTRIC

C-01	COVER SHEET & LEGEND
C-02	GENERAL NOTES
EX	EXISTING CONDITIONS PLAN - SEBAGO TECHNICS
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C-30	SITE DETAILS
C-31	DRAINAGE DETAILS
C-32	EROSION & SEDIMENTATION CONTROL DETAILS
LT	PHOTOMETRIC PLAN

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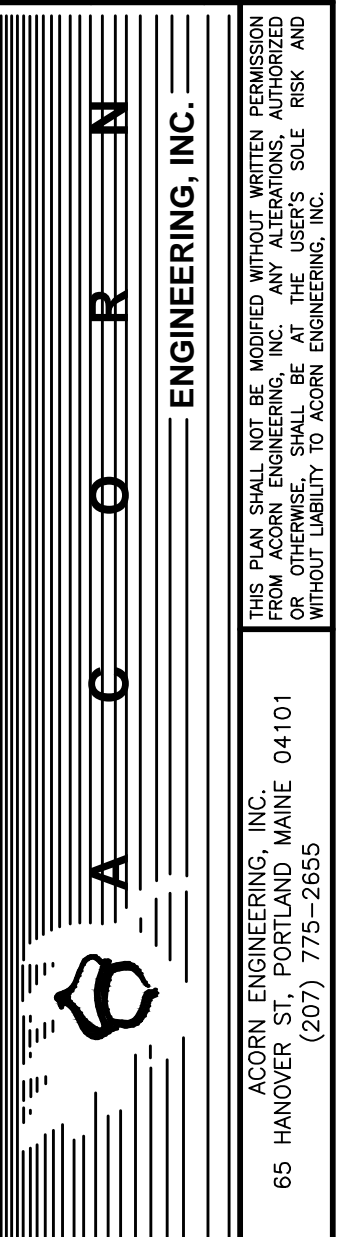
**COVER SHEET & LEGEND**

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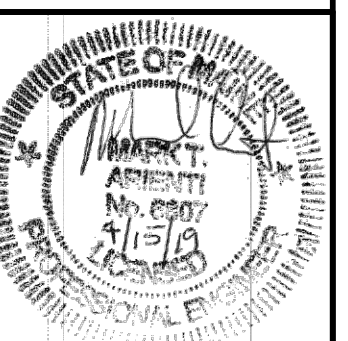
PROJECT NAME: **SPARHAWK MILL SITE IMPROVEMENTS**

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CLIENT: **ALLAN JAGER**  
**81 BRIDGE STREET, YARMOUTH MAINE 04096**



FILE:	1114_CIVIL
IN:	1114
SCALE:	AS NOTED
DESIGNED BY:	MTA
DRAWN BY:	FRT
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DRAWING NO.

C-01

1. THE CONTRACTOR SHALL CALL THE APPROPRIATE UTILITY COMPANIES AND DIG SAFE AT LEAST 72 HOURS BEFORE EXCAVATION TO REQUEST EXACT FIELD LOCATION FOR UTILITIES. OTHERWISE IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF UNDERGROUND UTILITIES AND LOCATE ANY POTENTIAL CONFLICTS WITH THE APPROVED PLANS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF ALL EROSION CONTROL MEASURES SHOWN ON THE PLAN. IF DEEMED NECESSARY BY THE OWNER OR OWNER'S REPRESENTATIVE (IF APPLICABLE), ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED AT NO ADDITIONAL COST TO THE OWNER.
3. THE CONTRACTOR SHALL PREPARE THEIR OWN MATERIAL SCHEDULE BASED ON THE PLANS AND FIELD VERIFICATION BY THE CONTRACTOR. ALL MATERIAL SCHEDULES SHOWN WITHIN THE PLAN SET ARE FOR GENERAL INFORMATION ONLY.
4. ALL CONSTRUCTION METHODS, TESTING AND MATERIALS SHALL CONFORM TO THE MAINE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS, THE CITY OF PORTLAND AND SERVING UTILITY REQUIREMENTS, IF ANY. IN CASES WHERE THESE CONFLICT THE MOST STRINGENT SPECIFICATION SHALL APPLY AT NO ADDITIONAL COST TO THE OWNER.
5. THE SITE CONTRACTOR SHALL MAINTAIN A SET OF PAPER AND CAD DRAWINGS WHICH SHALL RECORD THE ACTUAL LOCATION, DIMENSIONS, ELEVATIONS, MATERIALS OF THEIR WORK, INDICATING THEREON ALL VARIATIONS FROM THE CONTRACT DRAWINGS. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH ONE COMPLETE SET OF REPRODUCIBLE RECORD DRAWINGS, IN AUTOCAD FORMAT AND PAPER, STAMPED "AS-BUILT". IF AUTOCAD CAPABILITY IS NOT AVAILABLE, EXCLUDE FROM BID IN WRITING.
6. THE CONTRACTOR WILL REMAIN SOLELY AND COMPLETELY RESPONSIBLE FOR ENFORCEMENT OF AND COMPLIANCE WITH 1) ALL CONTRACT PLANS AND SPECIFICATIONS, 2) APPLICABLE INTERNATIONAL BUILDING CODE REQUIREMENTS, AND 3) ALL SITE WORKING CONDITIONS AND SAFETY REQUIREMENTS, DAY AND NIGHT, FOR BOTH PERSONS AND PROPERTY, IN EACH CASE BOTH BY THE CONTRACTOR AND ITS SUBCONTRACTORS. THESE INCLUDE ALL OSHA, NIOSH, U.S. EPA AND ANY OTHER APPLICABLE GOVERNMENTAL REGULATIONS.
7. EXISTING CONDITIONS, BOUNDARY SURVEY, AND TOPOGRAPHY FROM THE PLAN TITLED "TOPOGRAPHIC SURVEY PLAN" BY SEABOARD TECHNICS DATED 11/20/17.
8. PRELIMINARY FLOOD ZONE INFORMATION OBTAINED FROM FEMA FLOOD MAP SERVICE CENTER ON DECEMBER 12, 2018. DIGITAL DATA WAS USED IN CONJUNCTION WITH HARDCOPY FIRM MAP NUMBER 23005C0541F, REVISED 4/14/17.
9. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ACCESS TO THE SITE AND ALL ADJACENT PROPERTIES AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY MARKINGS, SIGNAGE AND INCIDENTALS TO MAINTAIN A SAFE VEHICLE AND PEDESTRIAN ACCESS THROUGH THE LIFE OF THE PROJECT. THE CONTRACTOR SHALL NOTIFY THE PORTLAND PUBLIC SAFETY DIVISION ROUTINELY REGARDING TEMPORARY IMPACTS OR CHANGES TO SITE ACCESS CONDITIONS.
10. CONTRACTOR TO DETERMINE SOIL CLASSIFICATION INDEPENDENTLY FOR TRENCH, SHORING, AND OTHER SIMILAR CONSTRUCTION MEANS AND METHODS APPLICATIONS.
11. NO HOLES, TRENCHES, OR STRUCTURES SHALL BE LEFT OPEN OR UNATTENDED OVERNIGHT IN ANY AREA ACCESSIBLE TO THE PUBLIC OR WITHIN THE PUBLIC RIGHT-OF-WAY.
12. THE CONTRACTOR SHALL SURVEY ROCK SURFACE PRIOR TO EXCAVATION AND DEVELOP VOLUME CALCULATIONS TO SHARE WITH THE ENGINEER, ACORN ENGINEERING INC. (ACORN), IF ANY.

## CIVIL SITE NOTES:

1. THE CONTRACTOR SHALL SUBMIT IN WRITING ANY REQUESTS TO ACORN TO MODIFY THE CONTRACT DOCUMENTS.
2. ALL SHOP AND ERECTION DRAWINGS SHALL BE CHECKED AND STAMPED BY THE GENERAL CONTRACTOR PRIOR TO SUBMISSION FOR ACORN'S REVIEW. ANY UNCHECKED OR NON-STAMPED SUBMITTALS WILL BE RETURNED WITHOUT REVIEW.
3. CONTRACTOR SHALL THOROUGHLY INSPECT AND SURVEY EXISTING STRUCTURES AND SITE TO VERIFY CONDITIONS THAT AFFECT THE WORK SHOWN ON THE DRAWINGS. CONTRACTOR TO NOTIFY ACORN OF ANY DISCREPANCIES PRIOR TO PROCEEDING.
4. DETAILS SHOWN APPLY TO ALL SIMILAR CONDITIONS UNLESS OTHERWISE INDICATED.
5. ALTHOUGH ALL DUE DILIGENCE HAS BEEN APPLIED TO MAKE THE DRAWINGS AS COMPLETE AS POSSIBLE, NOT ALL DETAILS ARE ILLUSTRATED, NOR IS EVERY EXCEPTION CONDITION ADDRESSED WITHIN THE CONTRACT DOCUMENTS.
6. ALL PROPRIETARY CONNECTIONS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
7. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL WORK, INCLUDING DIMENSION AND LAYOUT VERIFICATION, MATERIALS COORDINATION, SHOP DRAWING REVIEW, AND THE WORK OF ANY SUBCONTRACTORS.
8. UNLESS OTHERWISE SPECIFICALLY INDICATED, THE DRAWINGS DO NOT DESCRIBE OR DIRECT MEANS OR METHODS OF CONSTRUCTION.
9. THE CONTRACTOR, IN THE PROPER SEQUENCE, SHALL PERFORM OR SUPERVISE ALL WORK NECESSARY TO ACHIEVE THE FINAL COMPLETED STRUCTURE, AND TO PROTECT THE STRUCTURE, WORKMEN, AND OTHERS DURING THE CONSTRUCTION. SUCH WORK SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR CONSTRUCTION EQUIPMENT, SHORING FOR EXCAVATION, FORMWORK, SCAFFOLDING, SAFETY DEVICES AND PROGRAMS OF ALL KINDS, SUPPORT AND BRACING FOR CRANES AND OTHER ERECTION EQUIPMENT.
10. DO NOT BACKFILL AGAINST RETAINING WALLS UNTIL SUPPORTING SLABS AND FLOOR FRAMING ARE IN PLACE AND SECURELY ANCHORED, UNLESS ADEQUATE BRACING IS PROVIDED.
11. TEMPORARY BRACING SHALL REMAIN IN PLACE UNTIL ALL FLOORS, WALLS, ROOFS AND OTHER SUPPORTING ELEMENTS ARE IN PLACE, IF APPLICABLE.
12. ALL PAVEMENT JOINTS SHALL BE SAWCUT AND APPLIED WITH TACK COAT PRIOR TO PAVING TO PROVIDE A DURABLE AND UNIFORM JOINT.
13. ACORN BEARS NO RESPONSIBILITY FOR THE ABOVE ITEMS, AND OBSERVATION VISITS TO THE SITE DO NOT IN ANY WAY INCLUDE INSPECTION OF THEM.

## SPECIAL INSPECTION NOTES:

1. ALL SITE SOILS-RELATED WORK AND FOOTING EXCAVATIONS PRIOR TO PLACING FORMS, AS WELL AS SITE DRAINAGE, SHALL BE REVIEWED BY THE PROJECT GEOTECHNICAL ENGINEER, IF APPLICABLE. IF NOT, THEN PROJECT ENGINEER TO REVIEW.
2. NORMAL REVIEWS BY LOCAL BUILDING DEPARTMENT.
3. NOTIFY 48 HOURS PRIOR TO REQUIRED REVIEW.
4. REQUIRED SPECIAL INSPECTIONS PER I.B.C. SECTION 1705.6 BY AN APPROVED SPECIAL INSPECTOR RETAINED BY OWNER. CONTRACTOR TO COORDINATE SPECIAL INSPECTIONS.
5. SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
6. DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR SHALL BE TO OBSERVE AND/OR TEST THE WORK ASSIGNED AND OUTLINE ABOVE FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS, ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION.
7. THE SPECIAL INSPECTOR SHALL FURNISH REGULAR REPORTS TO THE BUILDING OFFICIAL, THE ARCHITECT AND ENGINEER OF RECORD, AND OTHER DESIGNATED PERSONS. PROGRESS REPORTS FOR CONTINUOUS INSPECTION SHALL BE FURNISHED WEEKLY. INDIVIDUAL REPORTS OF PERIODIC INSPECTIONS SHALL BE FURNISHED WITHIN ONE WEEK OF INSPECTION DATES. THE REPORTS SHALL NOTE UNCORRECTED DEFICIENCIES, AND NET CHANGES TO THE APPROVED CONSTRUCTION DOCUMENTS AUTHORIZED BY THE ENGINEER OF RECORD.
8. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT WITHIN TEN DAYS OF THE FINAL INSPECTION STATING WHETHER THE WORK REQUIRING A SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE AND BELIEF, IN CONFORMANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE INTERNATIONAL BUILDING CODE. WORK NOT IN COMPLIANCE SHALL BE NOTED IN THE REPORT.

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND ELEVATION OF THE EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED UPON RECORDS OF VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO TEST PIT TO DETERMINE THE EXACT LOCATION AND ELEVATION OF UTILITIES TO COORDINATE WITH THE PROPOSED CONNECTIONS OR CROSSING. ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO ACORN FOR FURTHER DIRECTIONS BEFORE ANY ADDITIONAL WORK PROCEEDS.
2. CONTRACTOR SHALL, AT NO ADDITIONAL COST TO THE OWNER, CONDUCT EXPLORATORY EXCAVATIONS AT LOCATIONS WHERE PROPOSED EXCAVATION WILL INTERSECT WITH EXISTING UTILITIES, PRIOR TO THE ORDERING OF STRUCTURES.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. SEWER, GAS, TELEPHONE, ELECTRICITY, CABLE, WATER AND ANY OTHER UTILITY CONNECTIONS SHALL BE REVIEWED BY PLUMBING, ELECTRICAL, AND MECHANICAL DESIGNER FOR CONSISTENCY WITH THEIR PLANS PRIOR TO CONSTRUCTION.
5. COORDINATE EXIT POINT FOR SECONDARY UTILITY SERVICES WITH THE ARCHITECT/ELECTRICAL ENGINEER. SECONDARY LINE LOCATIONS NOT PROVIDED BY ACORN WITHIN THE UTILITY PLAN.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL THE NECESSARY PERMITS FOR THE INSTALLATION OF THE UTILITIES AND STORMDRAINS WITHIN THE PUBLIC RIGHT OF WAY. THE CONTRACTOR SHALL SUBMIT A MAINTENANCE OF TRAFFIC PLAN TO THE CITY IN ACCORDANCE WITH THE TOWN OF YARMOUTH PRIOR TO ANY WORK.
7. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL BOXES, FITTINGS, CONNECTORS, COVER PLATES AND OTHER MISCELLANEOUS ITEMS NOT NECESSARILY DETAILED ON THE DRAWINGS TO RENDER INSTALLATION OF UTILITIES COMPLETE AND OPERATIONAL AT NO EXTRA EXPENSE TO THE OWNER.

2. THE CONTRACTOR IS ADVISED TO VISIT THE SITE TO CONFIRM DEMOLITION ITEMS SINCE THE LIST IS NOT INCLUSIVE OF THE SITE CONDITIONS WHICH MAY BE ENCOUNTERED
3. ALL DISPOSAL OF DEMOLITION DEBRIS OR WASTE SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, & FEDERAL REGULATIONS. CONTRACTORS SHALL PROVIDE OWNER WITH APPROPRIATE "BILLS OF LADING" DEMONSTRATING PROPER DISPOSAL OF ALL MATERIALS.
4. THE CLIENT HAS NOT REQUESTED NOR HAS ACORN COMPLETED A PHASE I — ENVIRONMENTAL SITE ASSESSMENT FOR THE PROPERTY.

1. ALL SITE SOILS-RELATED WORK AND FOOTING EXCAVATIONS PRIOR TO PLACING FORMS, AS WELL AS SITE DRAINAGE, SHALL BE REVIEWED BY THE PROJECT GEOTECHNICAL ENGINEER, IF APPLICABLE. IF NOT, THEN PROJECT ENGINEER TO REVIEW.
2. NORMAL REVIEWS BY LOCAL BUILDING DEPARTMENT.
3. NOTIFY 48 HOURS PRIOR TO REQUIRED REVIEW.
4. REQUIRED SPECIAL INSPECTIONS PER I.B.C. SECTION 1705.6 BY AN APPROVED SPECIAL INSPECTOR RETAINED BY OWNER. CONTRACTOR TO COORDINATE SPECIAL INSPECTIONS.
5. SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
6. DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR SHALL BE TO OBSERVE AND/OR TEST THE WORK ASSIGNED AND OUTLINE ABOVE FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS, ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION.
7. THE SPECIAL INSPECTOR SHALL FURNISH REGULAR REPORTS TO THE BUILDING OFFICIAL, THE ARCHITECT AND ENGINEER OF RECORD, AND OTHER DESIGNATED PERSONS. PROGRESS REPORTS FOR CONTINUOUS INSPECTION SHALL BE FURNISHED WEEKLY. INITIAL REPORT OF PERIODIC INSPECTIONS SHALL BE FURNISHED WITHIN ONE WEEK OF INSPECTION DATES. THE REPORTS SHALL NOTE UNCORRECTED DEFICIENCIES, AND NET CHANGES TO THE APPROVED CONSTRUCTION DOCUMENTS AUTHORIZED BY THE ENGINEER OF RECORD.
8. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT WITHIN TEN DAYS OF THE FINAL INSPECTION STATING WHETHER THE WORK REQUIRING A SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE AND BELIEF, IN CONFORMANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE INTERNATIONAL BUILDING CODE. WORK NOT IN COMPLIANCE SHALL BE NOTED IN THE REPORT.

[illegible]

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1. CONTRACTOR TO MAINTAIN A ONE YEAR WARRANTY ON ALL PLANTINGS FOLLOWING INSTALLATION.
2. NO PLANTING TO BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
3. ANY SUBSTITUTIONS TO THE PLANTING SCHEDULE ARE TO BE REVIEWED FOR APPROVAL BY THE TOWN ARBORIST OR OTHER APPLICABLE TOWN OFFICIAL.
4. LET IF PLANTING SHALL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
5. CONTRACTOR TO VERIFY ALL UTILITIES ON PROPERTY AND TO PROTECT ALL UTILITIES DURING EXCAVATION FOR PLANTS.
6. ALL CONTAINER MATERIALS TO BE GROWN IN CONTAINER. MINIMUM OF 6 MONTHS.
7. THE MATERIAL SHALL COMPLY WITH THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, AMERICAN ASSOCIATION OF NURSEYMAN.
8. CONTRACTOR SHALL REPAIR ALL DAMAGE TO PROPERTY FROM PLANTING OPERATIONS AT NO COST TO OWNER.
9. THE PROPERTY OWNER IS RESPONSIBLE FOR THE CONTINUED CARE AND MAINTENANCE OF THE LANDSCAPED AREA. TRIMMED AND PRUNED PLANTS SHALL BE REPLACED WITHIN ONE YEAR.
10. ANY PLANTS THAT ARE DAMAGED OR DEFECTIVE DURING CONSTRUCTION SHALL BE REJECTED AND REPLACED PRIOR TO ANY DEFECT GUARANTEE AT NO COST TO THE OWNER.
11. THE ENGINEER MAY TAG ALL PLANTS AT THE NURSERY AND INSPECT THEM AFTER DELIVERY TO THE SITE; ALL PLANT MATERIALS SHALL BE INSPECTED BY THE ENGINEER ON SITE PRIOR TO INSTALLATION.
12. SEE PERMANENT SEEDING TABLE ON EROSION AND SEDIMENTATION CONTROL NOTES & DETAILS FOR LOAM AND SEED AREAS.

SPACE AND BULK STANDARDS			
ZONES: GENERAL DEVELOPMENT & SHORELAND OVERLAY DISTRICT	REQUIRED	EXISTING	PROPOSED
LOT AREA	20,000 SF	105,237 SF	105,237 SF
FRONT YARD	10 FT	0 FT	0 FT
SIDE YARD	10 FT	0 FT	0 FT
REAR YARD	15 FT	285 FT ±	285 FT ±
LOT WIDTH	100 FEET	226 FT ±	226 FT ±
LOT COVERAGE	70%	35%	34%
SHORELAND SETBACK	25 FT	22.2 FT TO GRAVEL	25.2 FT TO PAVEMENT
PARKING	58 SPACES	N/A	60 SPACES (2 ADA ACCESSIBLE)
*STANDARDS BASED UPON "OTHER USES" WITHIN GENERAL DEVELOPMENT ZONE			
**EXISTING LOT COVERAGE BASED UPON GOOGLE EARTH AERIAL IMAGERY, DATED 2003.			

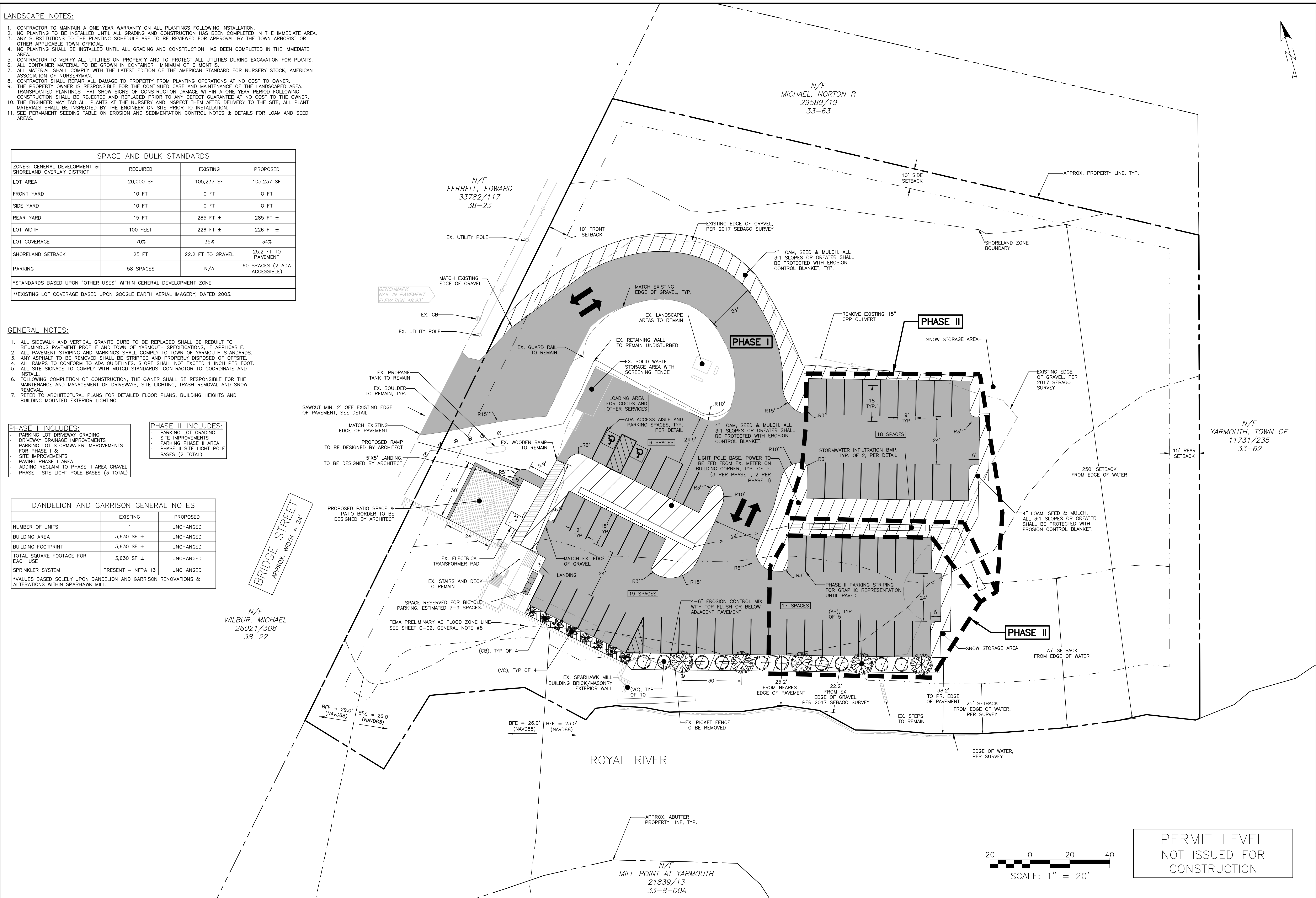
1. ALL SIDEWALK AND VERTICAL GRANITE CURB TO BE REPLACED SHALL BE REBUILT TO BITUMINOUS PAVEMENT PROFILE AND TOWN OF YARMOUTH SPECIFICATIONS, IF APPLICABLE.
2. ALL PAVEMENT STRIPING AND MARKINGS SHALL COMPLY TO TOWN OF YARMOUTH STANDARDS.
3. ALL SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH THE NEW ENGLAND SITE SPECIFIC SIGNAGE TO CONFORM TO ADA GUIDELINES. SLOPE SHALL NOT EXCEED 1 INCH PER FOOT.
4. ALL SIGNAGE TO COMPLY WITH MUTCD STANDARDS. CONTRACTOR TO COORDINATE AND INSTALL.
5. FOLLOWING COMPLETION OF CONSTRUCTION, THE OWNER SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND REPAIRS OF ANY DAMAGE TO DRIVEWAYS, DRIVEWAYS, TRUCK REMEDIATION, SNOW REMOVAL.
6. PROVIDE ARCHITECTURAL PLANS FOR DETAIL FLOOR FINISHES, BUILDING HEIGHTS AND BUILDING MOUNTED EXTERIOR LIGHTING.

- PARKING LOT DRIVEWAY GRADING
- DRIVEWAY DRAINAGE IMPROVEMENTS
- PARKING LOT STORMWATER IMPROVEMENTS FOR PHASE I & II
- SITE IMPROVEMENTS
- PAVING PHASE I AREA
- ADDING RECLAIM TO PHASE II AREA GRAVEL
- PHASE I SITE LIGHT POLE BASES (3 TOTAL)

- PARKING LOT GRADING
- SITE IMPROVEMENTS
- PARKING PHASE II AREA
- PHASE II SITE LIGHT POLE BASES (2 TOTAL)

DANDELION AND GARRISON GENERAL NOTES		
	EXISTING	PROPOSED
NUMBER OF UNITS	1	UNCHANGED
BUILDING AREA	3,630 SF ±	UNCHANGED
BUILDING FOOTPRINT	3,630 SF ±	UNCHANGED
TOTAL SQUARE FOOTAGE FOR EACH USE	3,630 SF ±	UNCHANGED
SPRINKLER SYSTEM	PRESENT - NFPA 13	UNCHANGED

\*VALUES BASED SOLELY UPON DANDELION AND GARRISON RENOVATIONS & ALTERATIONS WITHIN SPARHAWK MILL.



PERMIT LEVEL  
NOT ISSUED FOR  
CONSTRUCTION

[illegible]

## SITE & LANDSCAPE PLAN


## SPARHAWK MILL SITE IMPROVEMENTS

ALLAN JAGGER  
31 BRIDGE STREET, YARMOUTH MAINE 04096

DRAWING NAME:

PROJECT NAME:

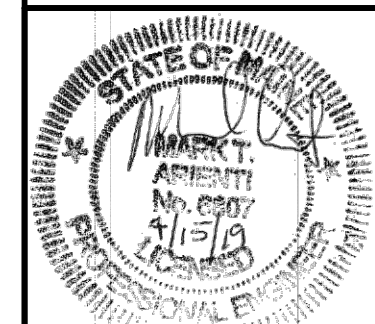
**CLIENT:**



**A C O R**  
ENGINEERING, INC.

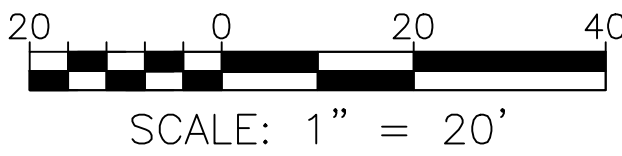
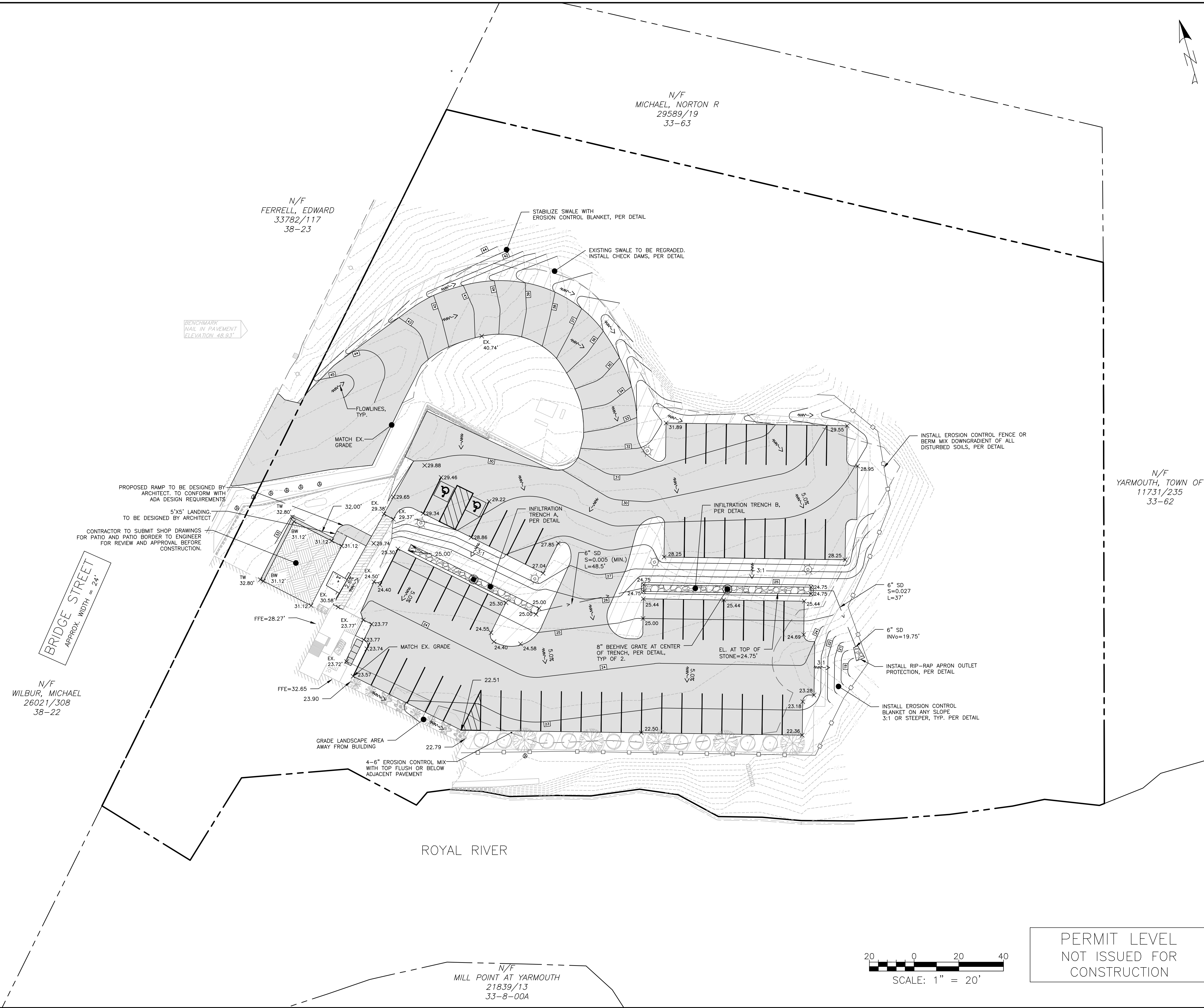
ACORN ENGINEERING, INC.  
65 HANOVER ST, PORTLAND MAINE 04101  
(207) 775-2655

FILE:	1114_CIVIL
JN:	1114
SCALE:	AS NOTED
DESIGNED BY:	MTA
DRAWN BY:	FRT
CHECKED BY:	WHS



DRAWING NO.  
**C-10**

- GENERAL NOTES:
1. ALL WORK WITHIN THE CITY STREET RIGHT OF WAY SHALL MEET TOWN OF YARMOUTH TECHNICAL MANUAL STANDARDS.
  2. DESIGN OF ADDITIONAL TEMPORARY SOIL RESTRAINT MEASURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR IF NECESSARY FOR CONSTRUCTION.
  3. CONTRACTOR SHALL ENSURE THAT UNDERDRAINS ARE CONSTRUCTED WITH POSITIVE OUTLET TO PROPOSED CONNECTIONS.
  4. EXISTING ELEVATIONS OBTAINED FROM SEBAGO TECHNICS "TOPOGRAPHIC SURVEY PLAN OF SPARHAWK MILL", DATED 11/20/17, DATUM NAVD88.



PERMIT LEVEL  
NOT ISSUED FOR  
CONSTRUCTION

ISSUED FOR		BY
DATE		DATE
MINOR SITE PLAN	WHS	12/28/19
MINOR SITE PLAN	WHS	12/28/19
FINAL PERMIT	MTA	4/7/21
DRAWING NAME: GRADING & DRAINAGE PLAN		
PROJECT NAME: SPARHAWK MILL SITE IMPROVEMENTS		
CLIENT: ALLAN JACGER		
81 BRIDGE STREET, YARMOUTH MAINE 04096		

ACORN ENGINEERING, INC.  
65 HANOVER ST., PORTLAND, MAINE 04101  
(207) 775-2655

STATE OF MAINE  
MARK A. JACGER  
No. 6507  
12-19

FILE: 1114\_CIVIL  
JN: 1114  
SCALE: AS NOTED  
DESIGNED BY: MTA  
DRAWN BY: FRT  
CHECKED BY: WHS

DRAWING NO.  
**C-20**



1. DIG HOLE AT LEAST 2 TIMES THE DIAMETER OF THE ROOT BALL AND AS DEEP AS THE ROOT BALL (NO DEEPER). SET ROOT BALL CENTERED, WITH THE TOP AT DOWNHILL EDGE OF THE HOLE.
2. ADD 1/2 CUP OF TOP SOIL TO THE HOLE. FRAGMENT THE SOIL TO BREAK UP THE CLUMPS. THE CHARACTERISTICS OF TOPSOIL IN THE VICINITY WHICH PRODUCE A HEAVY GROWTH. TOPSOIL SHALL CONTAIN NOT LESS THAN 6% NOR MORE THAN 20% ORGANIC MATTER. TOP SOIL SHALL HAVE A PH OF 6.5 TO 7.5.
3. COVER THE HOLE WITH TOPSOIL TO THE SAME DEPTH AS THE HOLE. THEN COVER THE TOP OF THE CONTAINER GROWN STOCK - REMOVE CONTAINER PROTECTING THE ROOT BALL. GENTLY COMB OUT THE TOP OF THE SOIL.
4. BACKFILL THE HOLE WITH TOPSOIL TO A DEPTH NOT TO EXCEED 8" THEN WATER SUFFICIENTLY TO SETTLE TOPSOIL. REPEAT SOIL BACKFILL, WATER, DRAIN. TOPSOIL SHALL BE TAMPED UNDER EDGES OF THE SOIL. PLAY BALL SHALL BE PLACED IN THE HOLE. THEN CREATE AN EARTHEN SAUCER. SOAK PLANTS TWICE WITHIN THE FIRST TWO-FOUR HOURS OF PLANTING.

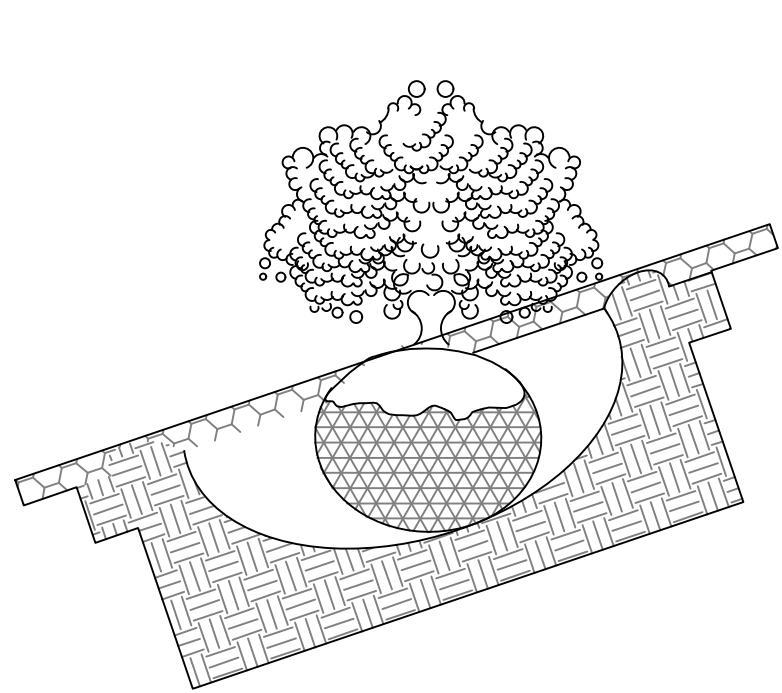


Diagram illustrating the layers of a road construction cross-section:

- SURFACE COURSE
- BINDER COURSE
- FINE GRADE WITH AGGREGATE BASE GRAVEL
- SHIM, AS NECESSARY
- EXISTING GRAVEL BASE

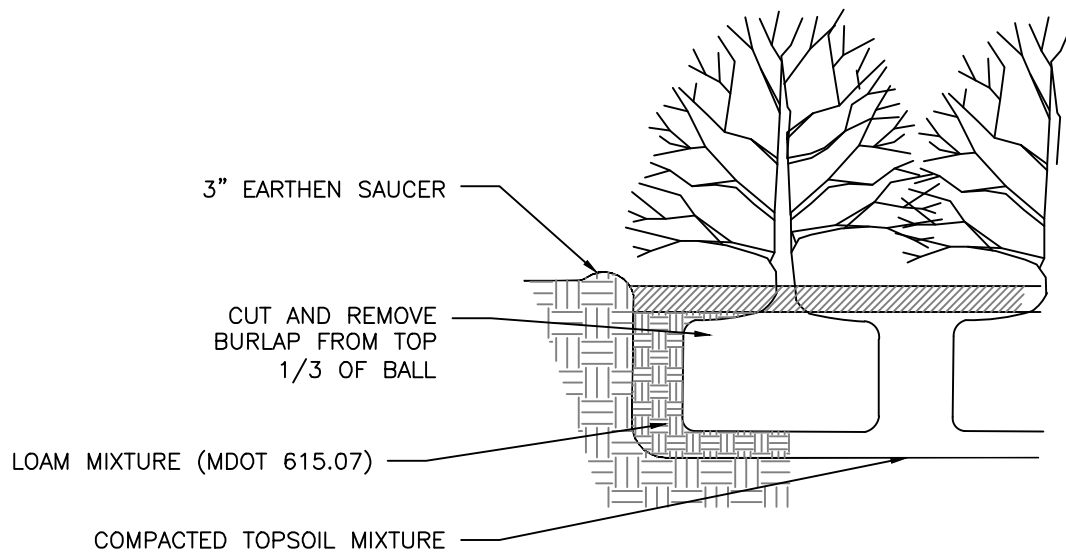
1. PROOF ROLL THE SUBBASE TO 95% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557 AFTER THE PAVEMENT DRAINS HAVE BEEN INSTALLED AND ARE FULLY FUNCTIONING. MINIMUM OF 5 MODIFIED PROCTOR TESTS ON EXISTING SUBGRADE MATERIALS, BASED UPON FIELD OBSERVATIONS OF MATERIAL GRADATION. FIELD DENSITY TESTING AT A MINIMUM OF 50 FOOT SPACING.
2. COMPACT THE AGGREGATE BASE TO 95% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557.
3. PAVING OPERATIONS SHALL BE SUBJECT TO THE MINIMUM REQUIREMENTS OF THE MAINE DOT SECTION 401.19 QUALITY CONTROL METHOD D, UNLESS WAIVED BY THE OWNER.

THICKNESS OF LAYERS	
STANDARD	LAYERS
1-1/4"	SURFACE COURSE MDOT 403.208 GRADE C (12.5 mm)
2-0"	BINDER COURSE MDOT 403.207 GRADE B (19 mm)
3"	AGGREGATE BASE GRAVEL MDOT 703.06 TYPE A
SHIM	AGGREGATE SUBBASE GRAVEL MDOT 703.06 TYPE D

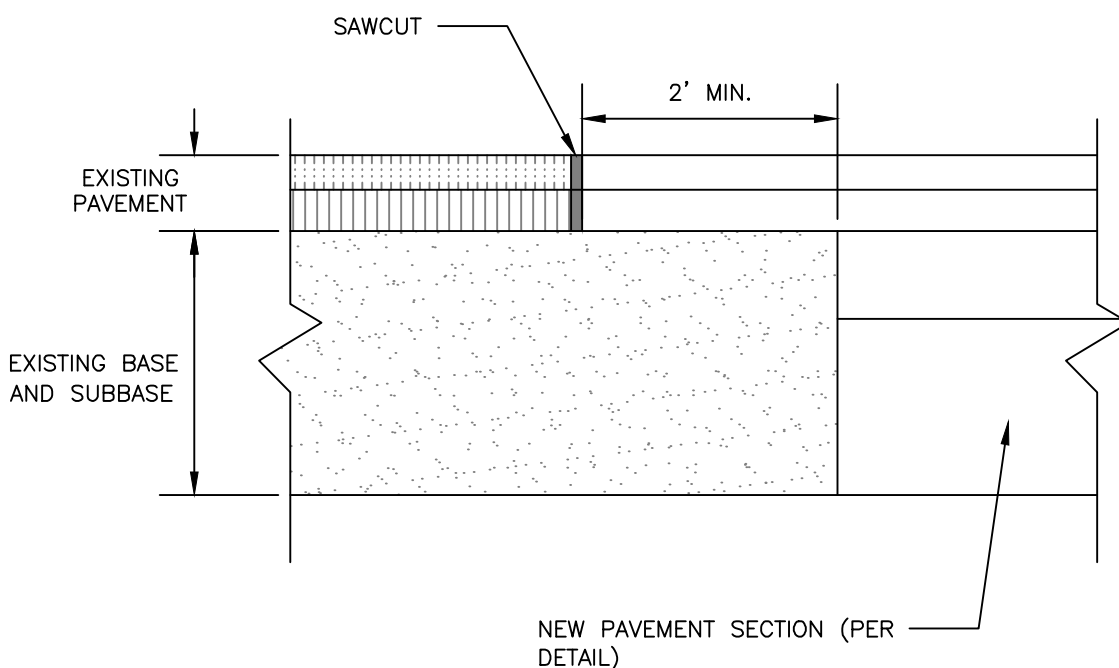
Diagram illustrating the layout of a 18' wide barrier-free parking space. The total width is 18'. The layout includes:

- STRIPING 3' O.C. @ 45°:** Diagonal stripes in the 8' wide area adjacent to the curb.
- BARRIER FREE PARKING SIGN (TYP.):** A sign indicating barrier-free parking.
- 4" WIDE TRAFFIC PAINT STRIPE:** A stripe separating the parking space from the travel lane.
- ADA SYMBOL (TYP.):** A wheelchair symbol marking the center of the parking space.
- Dimensions:**
  - Overall width: 18'
  - Three 8' wide sections.
  - Overall length: 24'
  - Angle: 90°
- Notes:**
  - TYPICAL: WHITE PAINT ON BITUMINOUS PAVEMENT AND YELLOW PAINT ON PORTLAND CEMENT PAVEMENT.
  - STRIPING FOR ANY NON-BARRIER FREE PARKING SPACE WITH A WIDTH LESS THAN 9' OR A LENGTH LESS THAN 18' SHALL BE PAINTED BLUE.

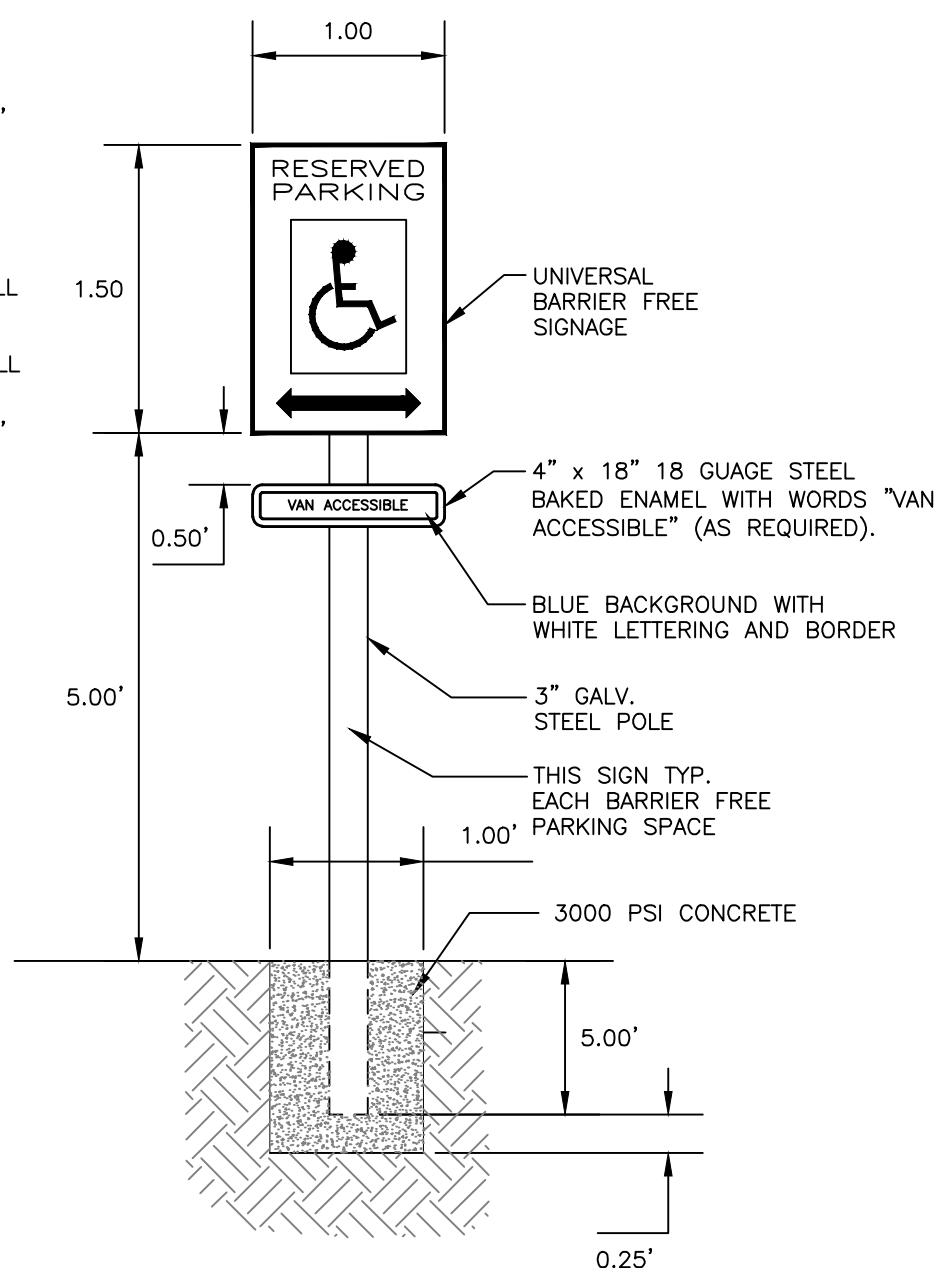
PARKING SPACE DIMENSIONS  
NOT TO SCALE



1. SAWCUT EXISTING PAVEMENT AND REMOVE 2" STRIP OF EXISTING PAVEMENT. CREATE UNIFORM AND RIGID BUTT JOINT AND APPLY BITUMINOUS TACK COAT AT AN APPLICATION RATE OF 0.10 TO 0.14 GALLONS PER SQUARE YARD PRIOR TO PLACEMENT OF NEW BITUMINOUS PAVEMENT.
2. THE NEW PAVEMENT SECTION SHALL MEET THE TOWN OF YARMOUTH BITUMINOUS PAVEMENT SECTION DETAIL AT A MINIMUM OR THE EXISTING PAVEMENT AND AGGREGATE BASE AND SUBBASE DEPTH WHICHEVER IS GREATER.



1. ALL ASPECTS OF RESERVED PARKING SIGN CONSTRUCTION SHALL BE IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009 OR MOST RECENT EDITION.
2. SIGN SHALL BE CONSTRUCTED AS SIGN R7-8 UNDER THE PARKING AND STANDING SIGNS AND PLAQUES\* (R7 SERIES) WITHIN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009 OR MOST RECENT EDITION. VAN ACCESSIBILITY SHALL BE CONSTRUCTED AS SIGN R7-8a OR R7-8b.
3. SIGN POST CONSTRUCTION AND MOUNTING SHALL BE IN ACCORDANCE WITH CHAPTER 2A OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009 OR MOST RECENT EDITION.



BARRIER FREE PARKING SIGN  
NOT TO SCALE

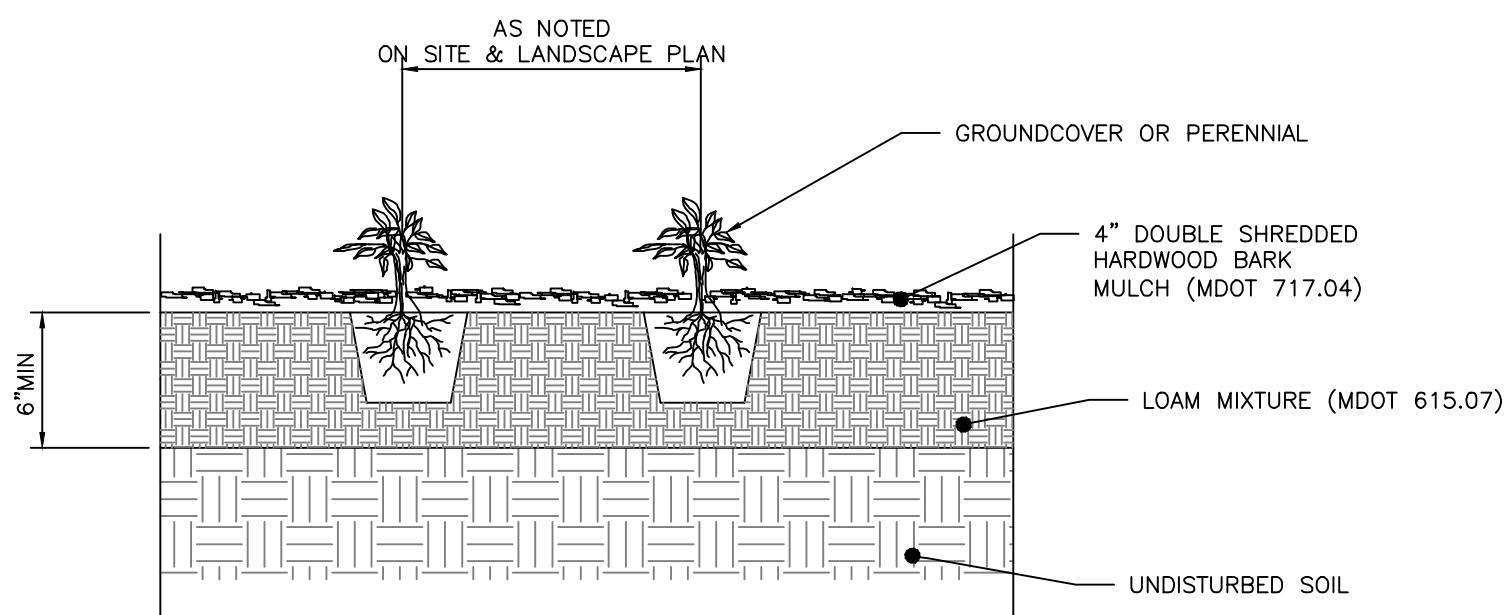


Diagram illustrating the installation of a tree wrap system around a tree trunk. The diagram shows a cross-section of the tree trunk and the surrounding soil. The tree trunk is wrapped with a material labeled "TREE WRAP WITH 50% OVERLAP". The wrap is secured by "DOUBLE #10 GAUGE WIRE GUY TWISTED" and "RIENFORCED RUBBERHOSE AND CEDAR STAKES - 3 PER TREE". The wrap extends down to a "RAISED GRANITE BORDER" around the tree. The soil is labeled "TOPSOIL MIXTURE" and "COMPACTED TOPSOIL MIXTURE". A dimension of "12\" is shown for the width of the wrap at the base, and a dimension of "6\" is shown for the depth of the wrap into the soil. A note indicates to "CUT AND REMOVE BURLAP FROM TOP 1/3 OF BALL".

- RIENFORCED RUBBERHOSE AND CEDAR STAKES - 3 PER TREE
- DOUBLE #10 GAUGE WIRE GUY TWISTED
- TREE WRAP WITH 50% OVERLAP
- PROVIDE RAISED GRANITE BORDER AROUND TREES ALONG STREET FRONTAGE
- CUT AND REMOVE BURLAP FROM TOP 1/3 OF BALL
- TOPSOIL MIXTURE
- COMPACTED TOPSOIL MIXTURE

**NOTES:**

1. CONCRETE: 5000 PSI @ 28 DAYS
2. CEMENT: TYPE III PER ASTM C150-81
3. LIGHT POLE BASE SHALL BE AS SUPPLIED BY GEORGE R. ROBERTS CO., OR APPROVED EQUAL
4. DIAMETER TBD BASED UPON THE MANUFACTURER'S RECOMMENDATION.

**1" CHAMFER**

**HEIGHT (IN 6" INTERVALS)**

**3" CLEAR**

**CONDUIT EXTENDS 2" OVER BASE**

**GROUND WIRE (SUPPLIED BY CONTRACTOR)**

**ANCHOR BOLTS (SUPPLIED BY CONTRACTOR), SHALL CONFORM TO SIZE AND PATTERN AS SHOWN BY BASE MANUFACTURER**

**12" RADIUS MIN.**

**GROUND WIRE (SUPPLIED BY CONTRACTOR)**

**CONDUIT 30" BELOW FINISH GRADE**

**DIAMETER SEE NOTE 4**

**3" CLEAR**

**SECTION VIEW**

**CONDUIT, SUPPLIED BY CONTRACTOR, ORIENTATION AND QTY VARIES**

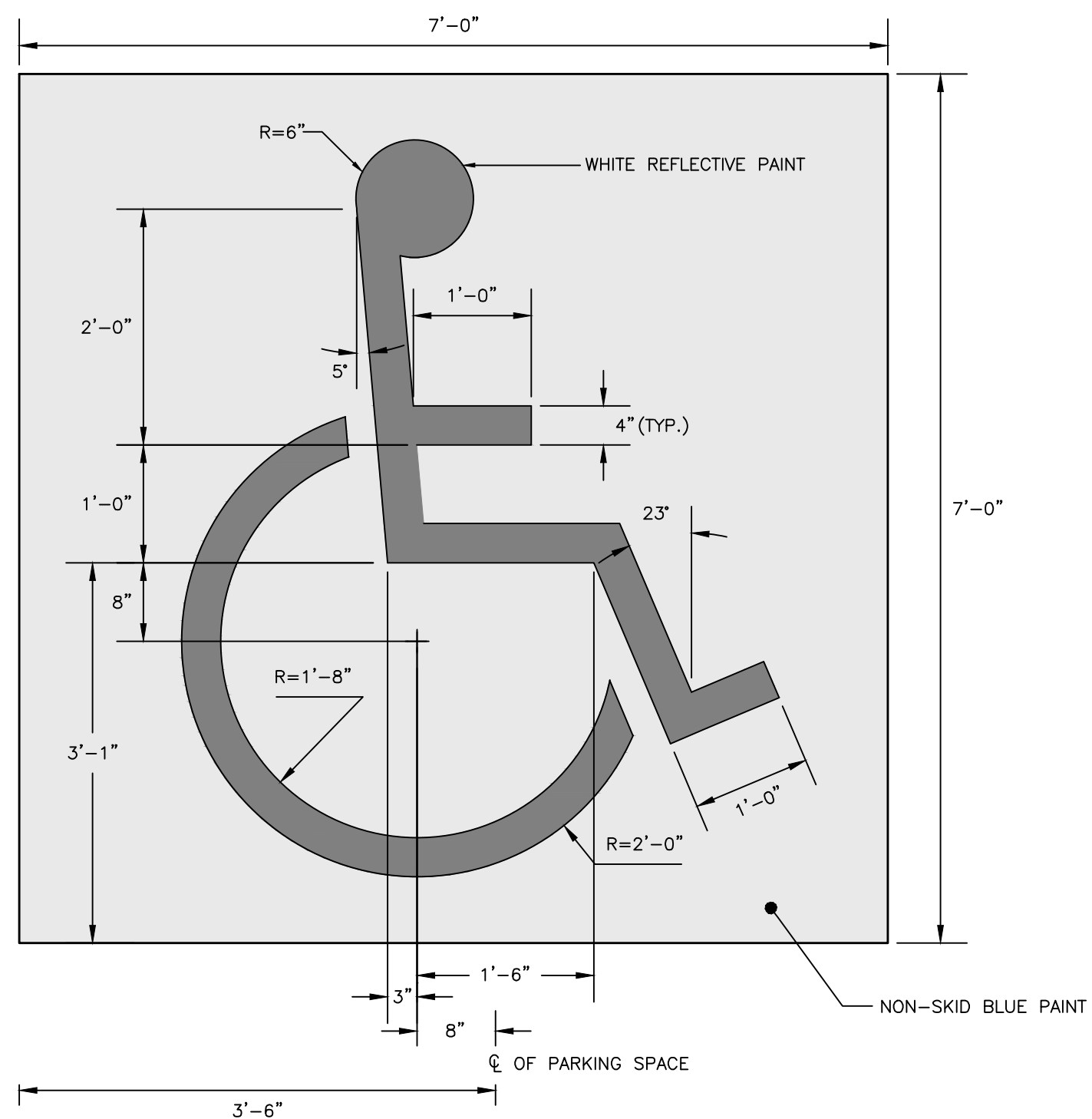
**#3 BAR HOOPS @ 12" O.C.**

**#5 REBAR VERTICAL EQ. SPACED**

**PLAN VIEW**

**CONTRACTOR TO VERIFY CONDUIT DIMENSIONS**

LIGHT POLE BASE  
NOT TO SCALE



INTERNATIONAL BARRIER FREE SYMBOL  
NOT TO SCALE



1. FINAL DESIGN MUST COMPLY WITH ALL APPROPRIATE SPECIFICATIONS FROM THE STORMWATER MANAGEMENT FOR MAINE BMP MANUAL, CHAPTER 7.
2. THE CRUSHED STONE RESERVOIR BED MUST CONSIST OF CRUSHED ROCK WITH A POROSITY OF 40%.
3. THE SOIL FILTER MEDIA SHALL NOT BE CONSTRUCTED UNTIL THE AREA DRAINING TO THE BASIN HAS BEEN PERMANENTLY STABILIZED.
4. PATIO STONE TO BE PLACED AS TO REDIRECT CONCENTRATED FLOW FROM DOWNSPOUT. CONTRACTOR TO FINALIZE STONE SIZE.

FILTER PROFILE		
LAYER	FILTER A	FILTER B
BEEHIVE INVERT	25.00	24.75
TOP OF STONE	25.00	24.75
BASE OF RESERVOIR LAYER	24.00	23.75
BASE OF FILTER	23.00	22.75
6" UNDERDRAIN PIPE INVERT	21.37	20.75
BASE OF DRAINAGE LAYER	20.50	20.25

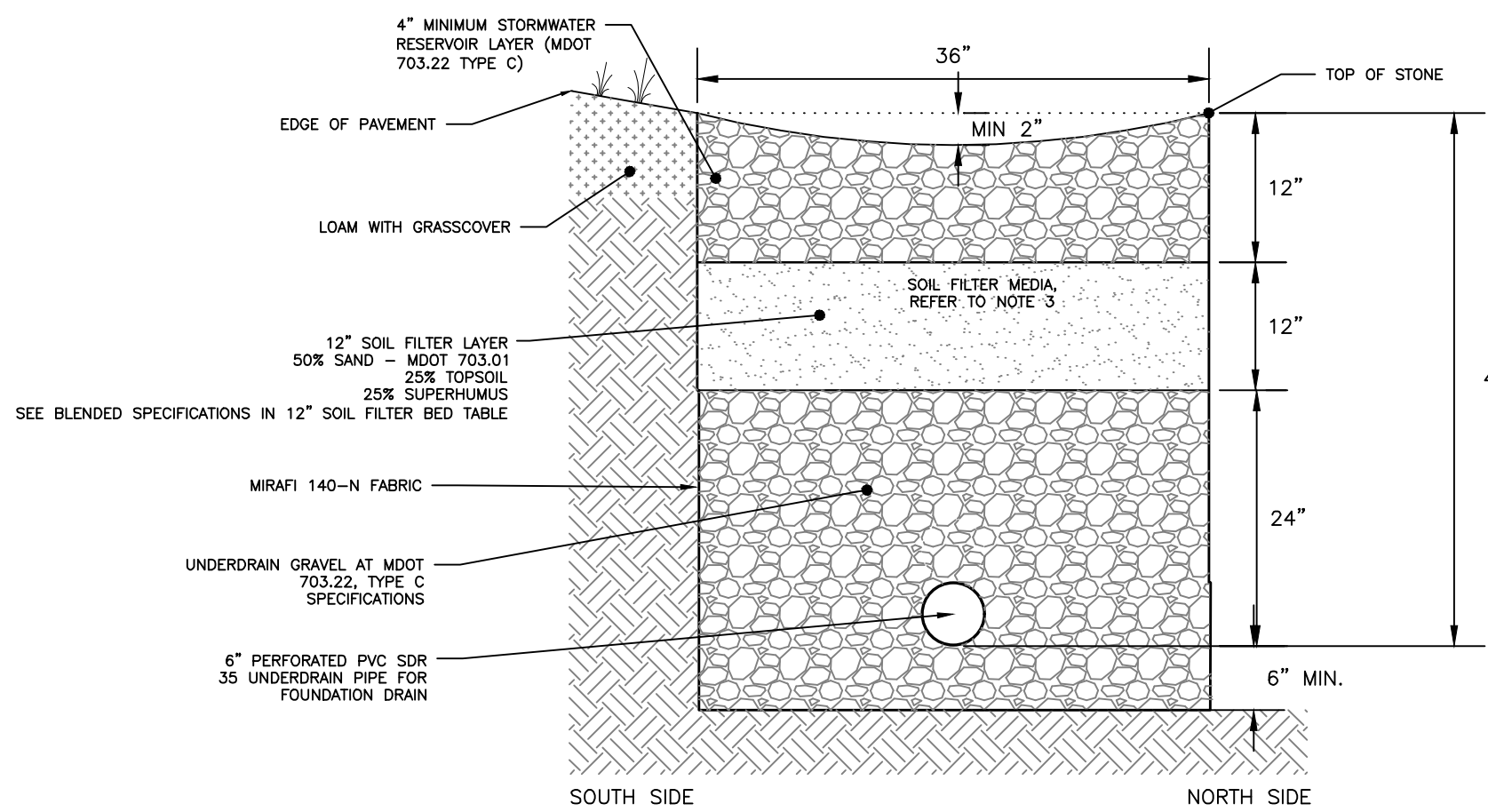
SOIL FILTER BED - SUPERHUMUS OR EQUIV. SPECIFICATION	
SIEVE SIZE	% PASSING BY WEIGHT
1"	100
#200	0 - 5
MINIMAL CLAY CONTENT, NO MORE THAN 3 - 5% PASSING #200 SIEVE	

12" SOIL FILTER BED - BLENDED SAND, LOAM, SUPERHUMUS SIEVE ANALYSIS	
SIEVE SIZE	% PASSING BY WEIGHT
#10	85 - 100
#20	70 - 100
#60	15 - 40
#200	8 - 15

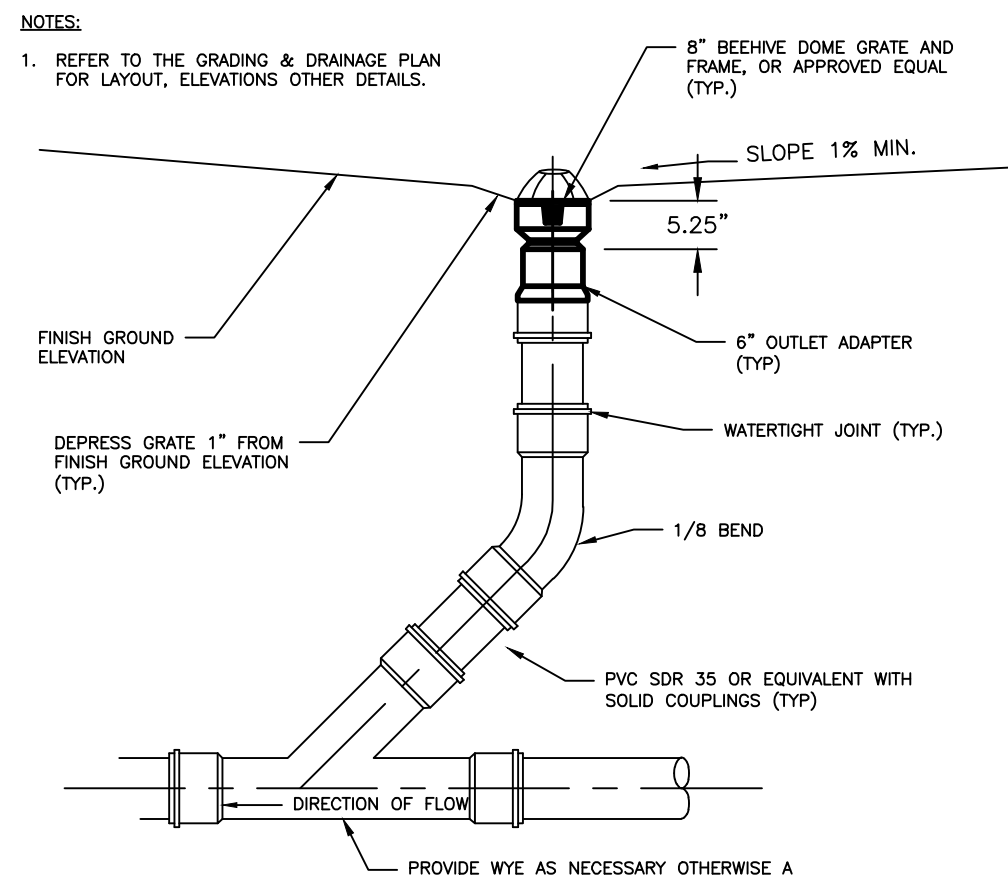
1. CLAY FRACTION <2% PASSING THE #200 SIEVE.  
2. SUPERHUMUS OR EQUIV.

CONSTRUCTION OBSERVATION SHALL BE PROVIDED FOR EACH PHASE OF CONSTRUCTION BY ACORN ENGINEERING. THE CONTRACTOR OR OWNERS REPRESENTATIVE SHALL NOTIFY ACORN ENGINEERING A MINIMUM 48 HOURS OR 2 BUSINESS DAYS WHICH EVER IS GREATER PRIOR TO ANY OF THE PHASES OF CONSTRUCTION LISTED BELOW SO THAT THE FOLLOWING SITE VISITS MAY BE SCHEDULED.

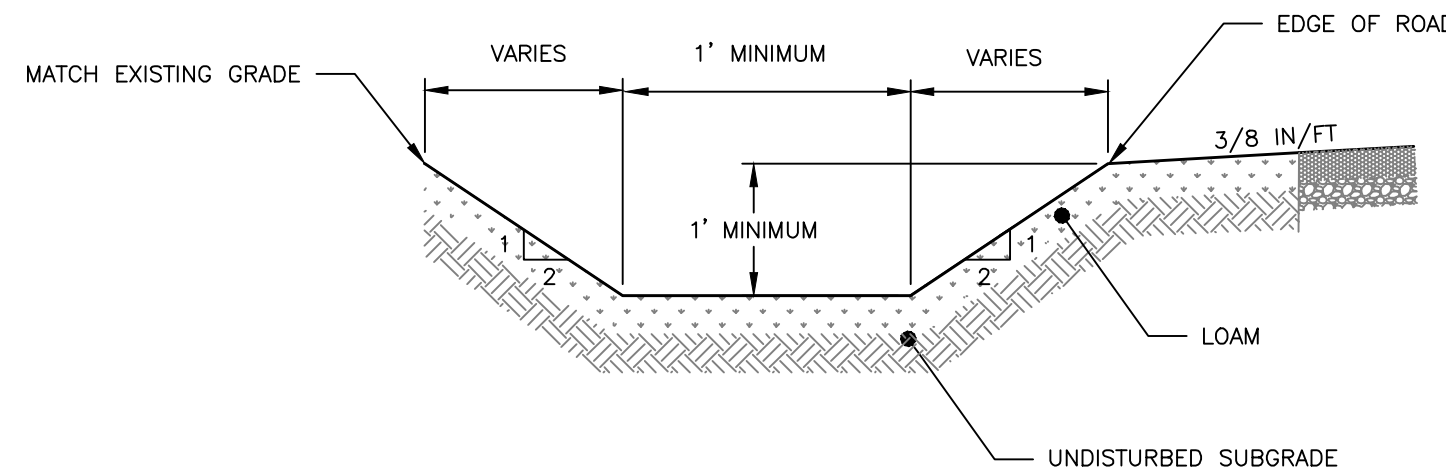
1. ONE SITE VISIT AFTER PRELIMINARY CONSTRUCTION OF THE BMP GRADES;
2. ONE SITE VISIT DURING THE INSTALLATION OF THE GEOTEXTILE.
3. ONE SITE VISIT AFTER THE UNDERDRAIN PIPES ARE INSTALLED BUT NOT BACKFILLED.
4. ONE SITE VISIT DURING THE CONSTRUCTION OF THE SOIL FILTER LAYER.
5. ONE SITE VISIT DURING THE FLOODING OF THE BMP, IF REQUIRED.



STORMWATER INFILTRATION BMP  
NOT TO SCALE

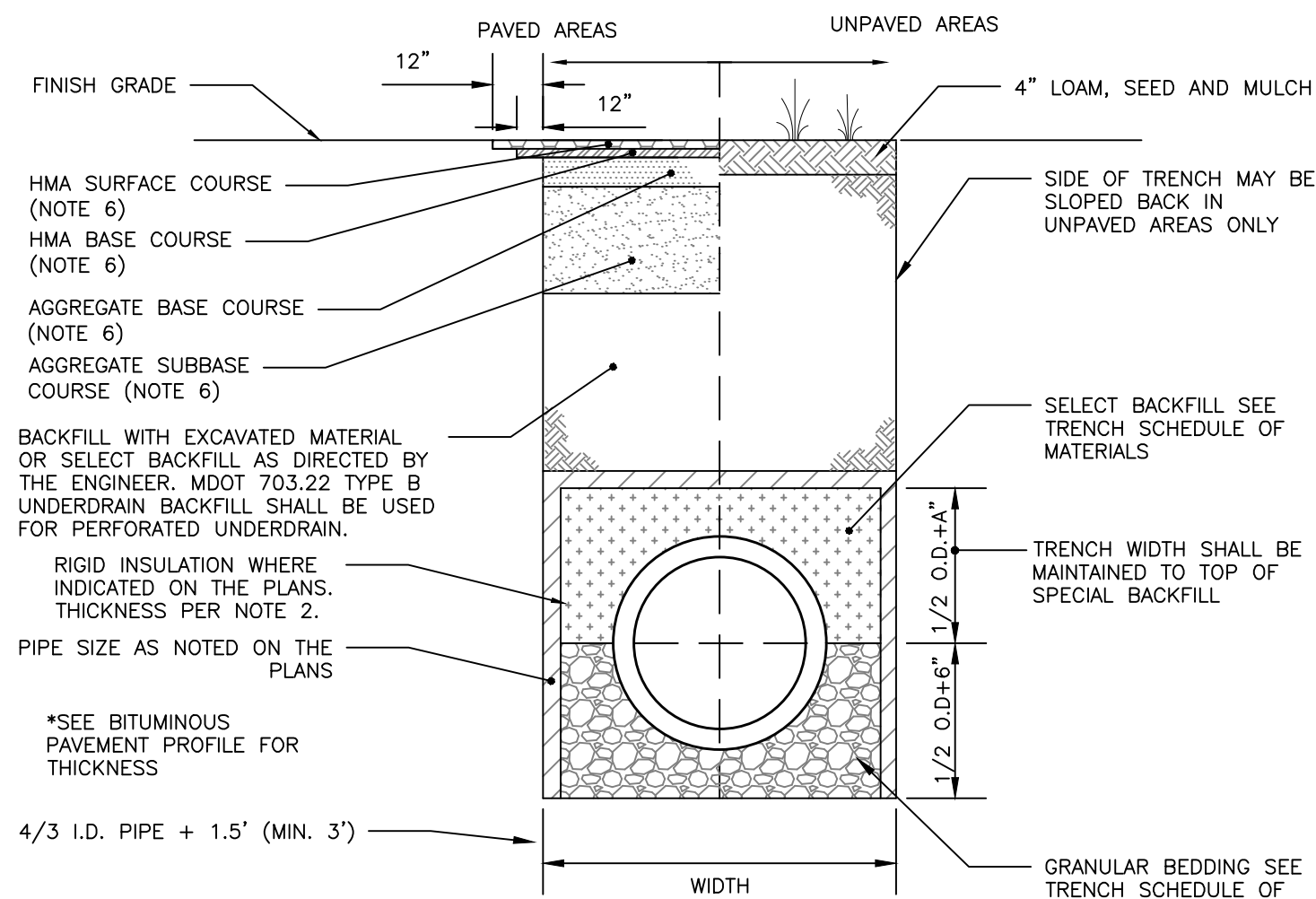


INFILTRATION TRENCH BEEHIVE OVERFLOW  
DETAIL  
NOT TO SCALE



TYPICAL DRAINAGE SWALE CROSS-SECTION  
NOT TO SCALE

1. SLOPE OF DRAINAGE SWALE SHALL FOLLOW EXISTING GRADE WHILE CONFORMING WITH DETAIL. ALL SWALES SHALL HAVE POSITIVE OUTLETS.
2. ALL DISTURBED AREAS SHALL BE GRASS, LOAMED, SEED, MULCHED AS SOON AS POSSIBLE OR WITHIN 7 DAYS FOLLOWING THE COMPLETION OF ANY DISTURBANCE AND PRIOR TO ANY SIGNIFICANT STORM EVENT.
3. THE BOTTOM AND SIDESLOPES OF THE SWALE SHALL RECEIVE A MIN. 4" OF LOAM AND STABILIZED WITH DOUBLE NET EROSION CONTROL BLANKETS SC15B9 BY NORTH AMERICAN GREEN OR APPROVED EQUAL. REF. THE EROSION CONTROL BLANKET CHANNEL INSTALLATION DETAIL.
4. INSTALL SWALE PRIOR TO CHECK DAM INSTALLATION.

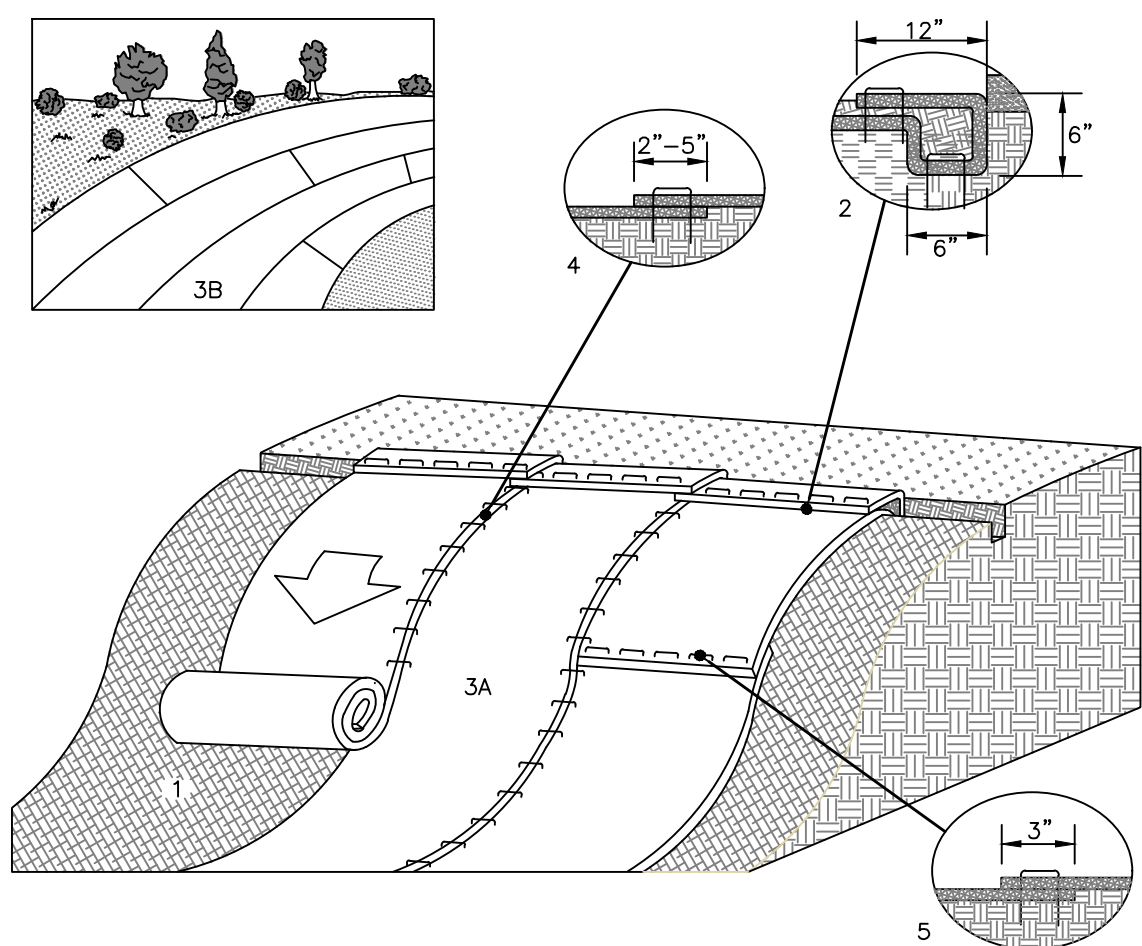


- REINFORCED CONCRETE PIPE (RCP) MIN. STRENGTH OF CLASS III
- PVC RING TYPE SEWER (SDR 35) OR EQUIVALENT, MIN PS-46 RATING
- PVC RING TYPE SEWER PIPE MEETING ASTM F 789
- DUCTILE IRON PIPE (DIP)
- ADS N-12 HP TRIPLE-WALL MIN PS-46 RATING
- ADS SANITITE HP MIN. PS-46

STORM DRAIN TYPICAL TRENCH SECTION  
NOT TO SCALE

TRENCH SCHEDULE OF MATERIALS		
TYPE OF PIPE	GRANULAR BEDDING	SELECT BACKFILL
CMP DUCTILE IRON RCP	MDOT 703.22 TYPE B UD BACKFILL	MDOT 703.22 TYPE B UD BACKFILL
PVC/HDPE	MDOT 703.22 TYPE C 3/4" CRUSHED STONE	MDOT 703.22 TYPE B UD BACKFILL
CMP	MDOT 703.22 TYPE C 3/4" CRUSHED STONE	MDOT 703.22 TYPE C 3/4" CRUSHED STONE

1. BRACING AND SHEETING OR OTHER TRENCH PROTECTION TO BE PROVIDED TO MEET APPLICABLE STATE AND O.S.H.A. SAFETY STANDARDS. ALL SUCH TRENCH PROTECTION TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. STORM DRAIN COVER BETWEEN 2' AND 3' SHALL INCLUDE 4" OF RIGID INSULATION, COVER BETWEEN 3' AND 4' SHALL INCLUDE 2" RIGID INSULATION, OTHER UTILITIES: ADD 2" OF RIGID INSULATION FOR EACH FOOT ABOVE MINIMUM DEPTH.
3. INSTALL WARNING TAPE DIRECTLY ABOVE UTILITIES AT THE TOP OF SURFACE.
4. MINIMUM COVER
  - 4.1. 2'-0" - STORM DRAIN
  5. NO TREES SHALL BE PLANTED WITHIN 5' OF A SEWER PIPE OR SERVICE
  6. THICKNESS AS NOTED BY BITUMINOUS PAVEMENT PROFILE



EROSION CONTROL BLANKET SLOPE INSTALLATION

NOT TO SCALE

1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (ECB), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE ECB IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 18" OF ECB EXTENDING BEYOND THE SLOPE PORTION OF THE TRENCH. ANCHOR THE ECB WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO THE COMPACTED SOIL AND FOLD THE REMAINING 12" PORTION OF ECB BACK OVER THE SEED AND COMPACTED SOIL. SECURE ECB OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE ECB.
3. ROLL THE ECB (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. ECB WILL UNROLL WITH AN APPROPRIATE SIDE AGAINST THE SLOPE. ALL ECB MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE.
4. THE EDGES OF PARALLEL ECB MUST BE STAPLED WITH APPROXIMATELY 2" - 5" OVERLAP DEPENDING ON THE ECB TYPE.
5. CONSECUTIVE ECB SPLICED DOWN THE SLOPE MUST BE END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA APPROXIMATELY 12" APART ACROSS ENTIRE ECB WIDTH.

IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE ECB.

## DRAINAGE DETAILS

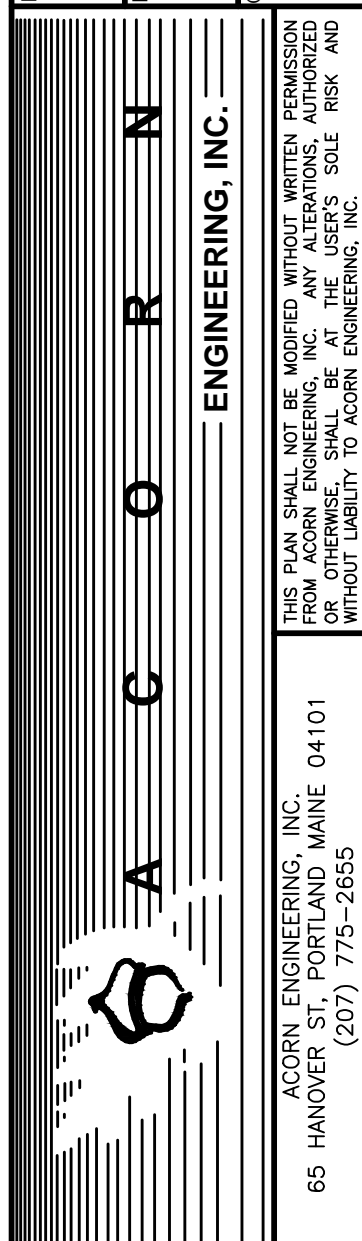
## SPARHAWK MILL SITE IMPROVEMENTS

ALLAN JAGGER

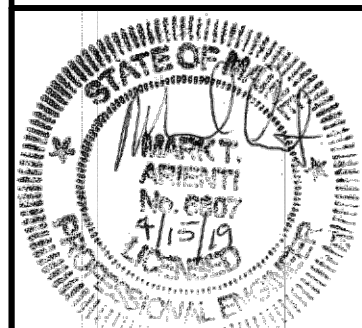
DRAWING NAME:

PROJECT NAME:

**CLIENT:**



FILE:	1114_CIVIL
JN:	1114
SCALE:	AS NOTED
DESIGNED BY:	MTA
DRAWN BY:	FRT
CHECKED BY:	WHS



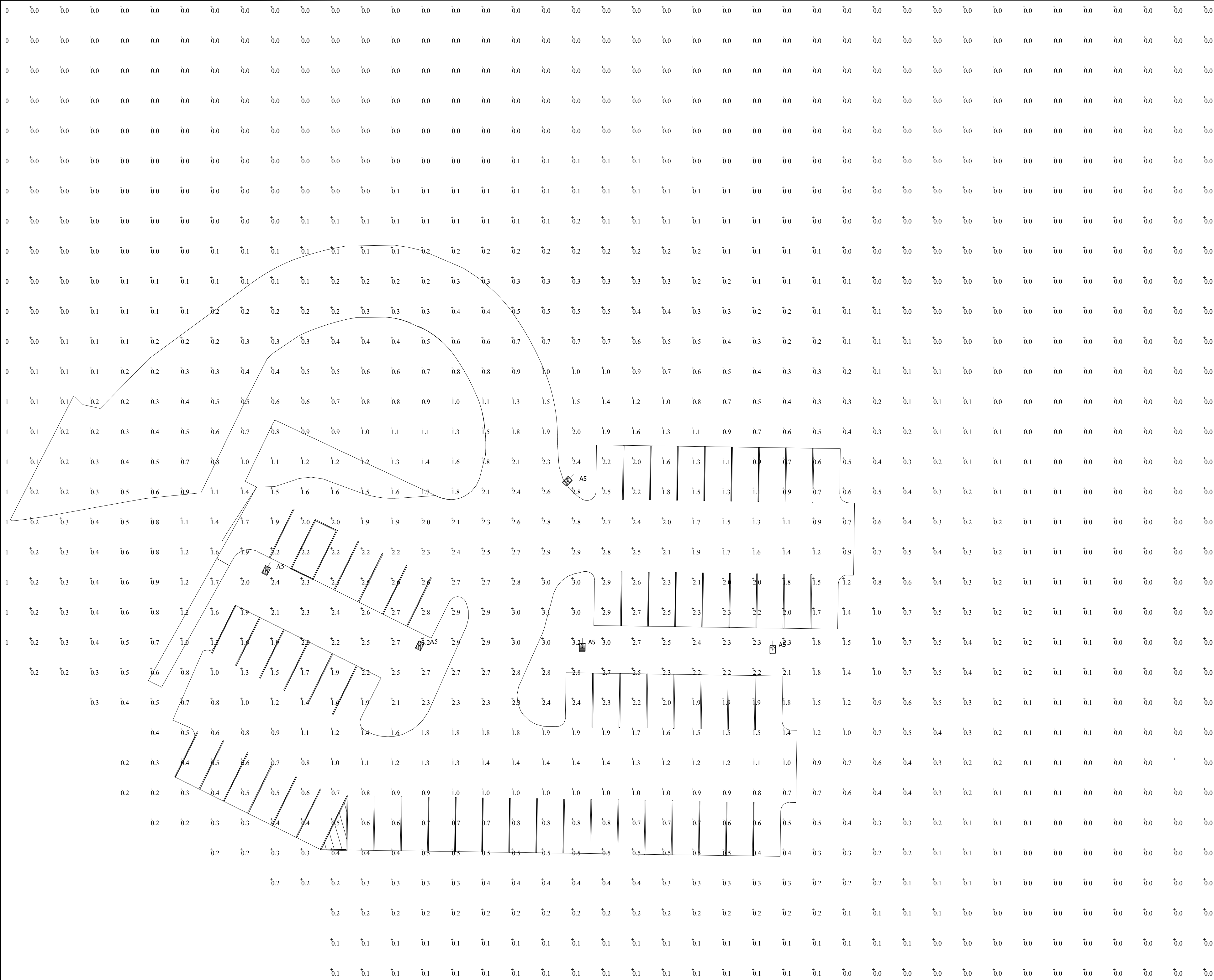
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C-31



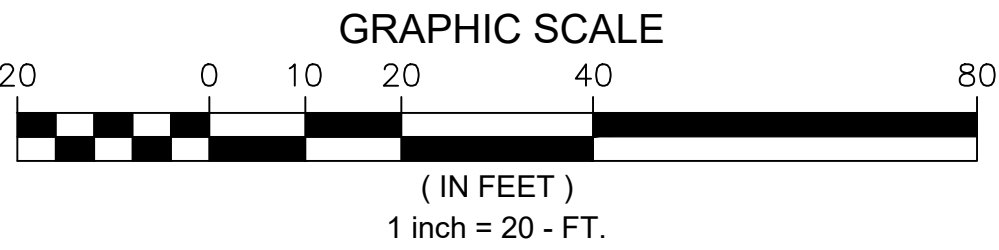







Luminaire Schedule							
Symbol	Qty	Label	Mounting Height	LLF	Lum. Lumens	Lum. Watts	Description
	5	A5	25' - 0" AFG	0.900	15071	136	VP-S-60L-136-4K7-5W

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Overall	Illuminance	Fc	0.45	3.2	0.0	N.A.	N.A.
Parking Area	Illuminance	Fc	1.45	3.2	0.1	14.50	32.00



- THIS LIGHTING DESIGN IS BASED ON LIMITED INFORMATION SUPPLIED BY OTHERS TO HUBBELL LIGHTING. SITE DETAILS PROVIDED HEREON ARE REPRODUCED ONLY AS A VISUALIZATION AID. FIELD DEVIATIONS MAY SIGNIFICANTLY AFFECT PREDICTED PERFORMANCE. PRIOR TO INSTALLATION, CRITICAL SITE INFORMATION (POLE LOCATIONS, ORIENTATION, MOUNTING HEIGHT, ETC.) SHOULD BE COORDINATED WITH THE CONTRACTOR AND/OR SPECIFIER RESPONSIBLE FOR THE PROJECT.
- LUMINAIRE DATA IS TESTED TO INDUSTRY STANDARDS UNDER LABORATORY CONDITIONS. OPERATING VOLTAGE AND NORMAL MANUFACTURING TOLERANCES OF LAMP, BALLAST, AND LUMINAIRE MAY AFFECT FIELD RESULTS.
- CONFORMANCE TO FACILITY CODE AND OTHER LOCAL REQUIREMENTS IS THE RESPONSIBILITY OF THE OWNER AND/OR THE OWNER'S REPRESENTATIVE.

TITLE:  SPARHAWK MILL  YARMOUTH, ME  SITE PHOTOMETRIC PLAN	REVISED FROM DRAWING NUMBER(S):		 Hubbell Lighting, Inc. 701 MILLENNIUM BLVD. GREENVILLE, SC 29607	DN BY:	DATE:	CHK BY:
	R1: 01/02/19	R5: 03/26/19		DHK	12/20/18	N/A
	R2: 01/03/19			REV. BY:	DATE:	SCALE:
	R3: 01/04/19			DHK	01/08/19	AS NOTED
	R4: 01/08/19			QUOTE:	DRAWING / DESIGN NO.:	
				N/A	18-23293(R5)	