NOTES:

1. SAWCUT EXISTING PAVEMENT AND REMOVE 2' STRIP OF EXISTING PAVEMENT. APPLY BITUMINOUS TACK COAT PRIOR TO PLACEMENT OF NEW BITUMINOUS PAVEMENT.
2. THE NEW PAVEMENT SECTION SHALL MEET THE CITY OF PORTLAND ARTERIAL BITUMINOUS PAVEMENT SECTION DETAIL AT A MINIMUM OR THE THE EXISTING PAVEMENT AND AGGREGATE BASE AND SUBBASE DEPTH WHICHEVER IS GREATER.

PAVEMENT SAWCUT DETAIL

NOT TO SCALE

INTERNATIONAL BARRIER FREE SYMBOL

NOT TO SCALE

NOTES:

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

VERTICAL GRANITE CURB AND TIPDOWN INSTALLATION

NOT TO SCALE

NOTES:

1. BICYCLE RACK SHALL HAVE CAPACITY FOR FOURTEEN BICYCLES.
2. BICYCLE RACK PARTS SHALL BE OF UNIFORM COLOR AND SHALL BE FINISHED IN ACCORDANCE WITH PRODUCT SPECIFICATION. PER CITY OF PORTLAND TECHNICAL STANDARDS ALL BIICYCLE RACKS WITHIN THE RIGHT-OF-WAY SHALL MATCH THE FURNITURE COLOR FOR THAT LOCATION AS DESCRIBED IN THE MUNICIPAL LIGHTING STANDARDS; IF NO DESIGNATED COLOR FOR THAT AREA EXISTS, BICYCLE RACKS SHALL BE BLACK.
3. BICYCLE RACK SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S MOST RECENT INSTALLATION RECOMMENDATIONS, AND SHALL BE INSTALLED WITH A SURFACE MOUNT UNLESS OTHERWISE APPROVED BY ENGINEER.
4. BICYCLE RACK SHALL BE "DERO EVENT RACK", AS MANUFACTURED BY DERO BIKE RACKS.
5. MANUFACTURER'S RECOMMENDED OFFSETS SHALL BE ENFORCED WHERE POSSIBLE.

BICYCLE RACK DETAIL

NOT TO SCALE

TYPICAL PARKING SPACE DIMENSIONS

NOT TO SCALE

NOTE:

1. THE EXISTING LAYER(S) OF PAVEMENT SHALL BE REMOVED. THE EXISTING SOILS SHALL BE USED AS THE SUBBASE.

2. PROOF ROLE 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.

3. COMPACT THE AGGREGATE BASE TO 95% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557.

4. PLACE GEOGRID DIRECTLY ON THE SUBBASE SURFACE, IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS WITH A MINIMUM 1 FT OVERLAP. MINIMUM 2 MODIFIED LABORATORY PROCTOR TEST AND FIELD DENSITY TESTING AT APPROXIMATELY MINIMUM SPACING OF 50 FEET ON CENTER PER LIFT.

5. 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
1-1/2"	SURFACE COURSE MDOT 403.208 GRADE C (12.5mm)
2-1/2"	BINDER COURSE MDOT 403.207 GRADE B (19mm)
6"	AGGREGATE BASE CRUSHED GRAVEL MDOT 703.06 TYPE D

HEAVY DUTY BITUMINOUS PAVEMENT PROFILE: PARKING LOT

NOT TO SCALE

NOTES:

1. BRICKS TO BE USED:

   NEW CONSTRUCTION:
   4"X8" PINE HALL PATHWAY PAVER BRICK; MFG. BY PINE HALL BRICK CO., MADISON, NORTH CAROLINA. LACHANCE ITEM #193623;. PINE HALL PATHWAY PAVER BRICK.

   REPAIR/MAINTENANCE TO EXISTING BRICK SIDEWALKS:
   VERMONT BACKER SUPPLIED BY GAGNE AND SONS SPECIFICATION NUMBER: "VERMONT PAVER BRICK", ITEM NUMBER #VBBB

2. INSTALL BRICK FLUSH UP TO BUILDING, PAVEMENT, STAIRS, CONCRETE SURFACES, CURB OR LANDSCAPED AREAS.

BRICK SIDEWALK WITH BITUMINOUS BASE DETAIL

NOT TO SCALE

PRELIMINARY
NOT ISSUED FOR CONSTRUCTION

ISSUED FOR	BY	DATE
CITY APP.	WHS	2/20/18

DRAWING NAME: SITE DETAILS – 1

PROJECT NAME: 82 HANOVER STREET REDEVELOPMENT

CLIENT: TOM WATSON & CO., LLC
PORTLAND, ME

ACORN ENGINEERING, INC.

THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM ACORN ENGINEERING, INC. ANY MODIFICATIONS, WHETHER OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO ACORN ENGINEERING, INC.

ACORN ENGINEERING, INC.
158 DANFORTH ST PORTLAND, MAINE 04102
(207) 775-2655

FILE:	1093_CIVIL
JN:	1093
SCALE:	NTS
DESIGNED BY:	WHS
DRAWN BY:	ADG
CHECKED BY:	WHS

STATE OF MAINE
WILLIAM H. SAVAGE
No. 11415
2-20-18
PROFESSIONAL ENGINEER

DRAWING NO.
C-40