NOTES:

1. REFER TO GRADING, DRAINAGE AND EROSION CONTROL PLANS FOR SITE GRADING
2. REFER TO BITUMINOUS DRIVEWAY APRON DETAIL FOR APRON CROSS-SECTION

DRIVEWAY APRON LAYOUT DETAIL

NOT TO SCALE

BITUMINOUS DRIVEWAY APRON DETAIL

NOT TO SCALE

DRIVEWAYS UPGRADIENT FROM MAIN ROAD

GENERAL NOTES:
1. SEE DETAILS FOR SIDEWALK CONSTRUCTION MATERIALS.
2. SEE DETAILS FOR DRIVEWAY CONSTRUCTION MATERIALS.

MAXIMUM DRIVEWAY PROFILE NOTES:

1. THESE PROFILES ARE A GUIDE FOR THE MAJORITY OF CASES. CONTRACTOR TO FIELD CHECK ALL DRIVEWAYS PRIOR TO CONSTRUCTION.
2. IT IS UNDERSTOOD THAT THIS DETAIL REPRESENTS THE EXTREME LIMITS OF CONSTRUCTION ANGLES, AND THAT THE MAJORITY OF DRIVEWAYS WILL BE CONSTRUCTED WELL WITHIN THESE BOUNDS.
3. WHEN GRADING DRIVES THAT ARE FLATTER THAN THE MAXIMUM PROFILES, CONTRACTOR SHOULD NOT EXCEED A GRADE PERCENT CHANGE OF MORE THAN 9% PER 6-FOOT INCREMENT OF DRIVEWAY LENGTH (APPLIES TO BOTH UP-GRADIENT AND DOWN-GRADIENT PROFILES).

SIDEWALK CROWN TABLE

SIDEWALK WIDTH	5'
SECTION A	4'
SECTION B	1'

DRIVEWAY SLOPES ON SIDEWALK SECTION

NOT TO SCALE

VERTICAL GRANITE CURB AND TIPDOWN INSTALLATION

NOT TO SCALE

NOTES:
1. COMPACT SUBGRADE TO 95% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557
2. THIS DETAIL APPLIES TO RIVERSIDE STREET ONLY

THICKNESS OF LAYERS	
STANDARD	LAYERS
2"	SURFACE COURSE MDOT 403.09 GRADE C (12.5mm)
3"	BINDER COURSE MDOT 403.09 GRADE B (19mm)
6"	AGGREGATE BASE GRAVEL MDOT 703.06 TYPE B
18"	AGGREGATE SUBBASE GRAVEL MDOT 703.06 TYPE D

CITY OF PORTLAND ARTERIAL BITUMINOUS PAVEMENT PROFILE: RIVERSIDE STREET

NOT TO SCALE

NOTES:

1. COMPACT SUBGRADE TO 95% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557

THICKNESS OF LAYERS	
STANDARD	LAYERS
1-1/2"	SURFACE COURSE MDOT 403.09 GRADE C (12.5mm)
2"	BINDER COURSE MDOT 403.09 GRADE B (19mm)
3"	AGGREGATE BASE GRAVEL MDOT 703.06 TYPE B
15"	AGGREGATE SUBBASE GRAVEL MDOT 703.06 TYPE D

DENSE BITUMINOUS PAVEMENT PROFILE: DRIVEWAY

NOT TO SCALE

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

VERTICAL BITUMINOUS CURB – MOLD 1

NOT TO SCALE

NOTE:

COMPACT SUBGRADE TO 95% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557

INTERNAL BITUMINOUS SIDEWALK DETAIL

NOT TO SCALE

NOTE:

COMPACT SUBGRADE TO 95% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557

BITUMINOUS SIDEWALK ALONG RIVERSIDE ST. DETAIL

NOT TO SCALE

FINAL
NOT ISSUED FOR CONSTRUCTION

ISSUED FOR

	Date: 02/05/18
PRELIM. APP.	WHS 2/2/17
SLODA APP.	WHS 3/3/17
FINAL APP.	WHS 4/18/17
BLDG & MCG PERMITS	WHS 5/23/17

DRAWING NAME: SITE DETAILS – 1

PROJECT NAME: RIVERSIDE SELF-STORAGE CONTAINERS

CLIENT: 547 RIVERSIDE LLC
59 MOODY STREET, PORTLAND, MAINE 04101

ACORN ENGINEERING, INC.

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

ACORN ENGINEERING, INC.
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FILE:	1080_CIVIL
JN:	1080
SCALE:	NTS
DESIGNED BY:	WHS
DRAWN BY:	MCB
CHECKED BY:	WHS

STATE OF MAINE WILLIAM H. SAVAGE No. 7415 9-23-17

DRAWING NO.
C-40