ALASKA RAILROAD CORPORATION
ENGINEERING SERVICES
P.O. BOX 107500, ANCHORAGE, ALASKA 99510-7500

WHITTIER YARD
AREA #2 DRAINAGE AND PAVEMENT IMPROVEMENTS

JULY 2020
ISSUED FOR CONSTRUCTION

INDEX OF DRAWINGS
SHEET DESCRIPTION
1 COVER SHEET
2 DEMOLITION PLAN & SURVEY CONTROL
3 NEW STORMDRAIN SYSTEM PLAN
4 PAVING AND GRADING PLAN
5 DETAIL: DEMOLITION EXISTING PCC COLLARS
6 DETAIL: STRUCTURE A-1
7 DETAIL: 72" DIAM PIPE REPAIR
8 DETAIL: NEW STORMDRAIN MANHOLES
& MANHOLE SCHEDULE
9 DETAIL: PROPOSED PAVING TYPICAL SECTION
10-11 CROSS SECTIONS

VICINITY MAP
NOT TO SCALE

ALASKA MAP
NOT TO SCALE

CONSULTANT:
ALL POINTS NORTH LLC
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PALMER, AK 99645-4207
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P.C.C. INLET PROTECTION

3' MINI CLEAR SPACING, TOP

5# 316" GALV
6# 0.500" x 12" SLEEVE
6# 5/8" DOWEL
6# 4" INCH O.C.

NOTES:

1. APPROXIMATE WEIGHT OF COMPLETE STRUCTURE IS 20,000#.

NOTE: THIS RECORD DRAWING IS PROVIDED FOR DEMOLISHION INFORMATION PURPOSES. IT IS ANTICIPATED THAT MANY OF THE EXISTING MANHOLEs TO BE DEMOLISHED WILL INCLUDE CONCRETE STRUCTURES AS SHOWN. AS SUCH, THEY WILL REQUIRE ADDITIONAL DEMOLISHION EFFORT COMPARED TO MANHOLEs WITHOUT COLLARS.
NEW STORM DRAIN STRUCTURE INSTALLATION
SECTION VIEW

NOTES:
1. $F_c = 4,000$ psi, minimum.
72" Ø STEEL PIPE REPAIR

SECTION VIEW

FIELD FORMED 0.500" THICK PLATE

4" MIN. NLG DEPTH

APPROXIMATE LIMITS OF OPENINGS, TYP.

7/8" STRUCTURAL HARDWARE, TYP.
- SEA BOLT
- SEA NUT
- SEA FLAT WASHER

FIELD VERIFY WALL THICKNESS

7/8" structural hardware, typ.

72" Ø STEEL PIPE REPAIR DETAIL

SECTION VIEW

FIELD VERIFY REPAIR PLATE DIMENSIONS, TYP.

WATERPROOFING JOINT SEALING TIP, TYP.

1½", TYP.

FIELD VERIFY JOINT SEALING TIP, TYP.

WATERPROOFING JOINT SEALING TIP, TYP.

1½", TYP.

APPROXIMATE LIMITS OF OPENINGS, TYP.

FIELD FORMED 0.500" THICK PLATE

4" MIN. NLG DEPTH

ALASKA RAILROAD CORPORATION

ARCC Whiting Yard Sub-grade Drainage Improvements - Area 2

72" Ø Steel Pipe Repair Repair Details

SCALE: 1" = 1 foot (3" = 1")