

ADDENDUM NUMBER: ONE

ISSUED BY: SEPW Architecture Inc.
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**PROJECT: RCMP RTM TRANSPORT STAFF BUILDING,
REGINA, SK.**

This Addendum forms part of the Contract Documents and amends the original Drawings and Specifications dated 2016-01-14, previous Addenda if applicable and as noted below. This Addendum consists of 5 pages and attached Specification Sections and Drawings as listed below.

Ensure that all parties are aware of all items included in this Addendum.

The following revised or additional Specification Sections accompany and form an integral part of this Addendum:

Section No.	Title	Pages
09 65 20	Resilient Sheet Flooring	4

The following revised or additional Drawings accompany and form an integral part of this Addendum:

Dwg. No.	Title	Date of Issue
AR-1	Main Floor Demolition Plan	2016-02-10
AR-2	Condenser Pad Detail	2016-02-10

A-1-1 REF. SECTION 05 50 00, METAL FABRICATION

- 2.1.2 Revise to read: “Steel pipe: to ASTM A53/A53M standard weight black finish.”
- 2.7.2 Revise to read: “Steel stringers, support steel and handrails sized as noted on the drawings.
.1 Paint steel except for galvanized items.”
- 2.7.3 Add the following: “Galvanize steel landing grate and stair tread gratings. Refer to drawings for sizes & configuration.”
- 2.9.1 Add the following:
“VANITY SUPPORT
.1 Steel vanity support detail as shown on the drawings.
.2 Provide vanity supports between each lavatory and at unsupported ends (not against a partition).”
- 3.3.2 Revise to read: “Install plumb and true in exact locations, using welding steel connections to provide rigid structure except for as noted. Galvanized gratings to be fastened to the support structure using bolted connections. Provide anchor bolts, bolts, washers, nuts and plates for all connections required.”

A-1-2 REF. SECTION 22 11 16, DOMESTIC WATER PIPING

- 1.2.4 Delete this item in its entirety.

A-1-3 REF. DRAWING A0.1 CONDENSER PAD DETAIL

- .1 Drawing A0.1, detail 1: Refer to AR-2 attached to this addendum for construction of the concrete condenser pads.

A-1-4 REF. DRAWING A1.1 DEMOLITION PLAN

- .1 Revise drawing as per AR-1 attached to this addendum.

A-1-5 REF. DRAWING A1.2 MAIN FLOOR PLAN (NEW)

- .1 Reference detail 2, Room 102: delete millwork shown along North Wall.

A-1-6 REF. DRAWING A2.2 INTERIOR ELEVATIONS

- .1 Reference detail 3, Room 102: Delete wall mounted work surface.

A-1-7 REF. DRAWING A2.3 MILLWORK DETAILS, DETAILS

- .1 Delete detail 7.
.2 Add the following to details 9&10:
“Provide Floor Access hatch as described:
Hatch: Basis of design type K floor access hatch by Bilco Company.
Size: Refer to drawings
Cover: Shall be reinforced to support a minimum live load of 150 psf (732 kg/m²) with a maximum deflection of 1/150th of the span.
Cover: Shall be minimum 1/4” (6mm) aluminum diamond pattern plate.
Frame: Shall be extruded aluminum with strap anchors bolted to the exterior.
Hinges: Shall be specifically designed for horizontal installation and shall be bolted to the underside of cover.
Lifting mechanisms: Cam-action hinges shall pivot on torsion bars to provide, smooth, easy, and controlled cover operation throughout the entire arc of opening and to act as a check in retarding downward motion of the cover when closing.
A removable exterior turn/lift handle with a spring loaded ball detent shall be provided to open the cover.
Hardware:
Hinges: Cast steel cam-action hinges which pivot on torsion bars shall be provided.
Cover shall be equipped with a steel hold open arm that automatically locks the cover in the open position.
Cover shall be fitted with the required number and size of torsion bars.
A Type 316 stainless steel snap lock with fixed handle shall be mounted on the underside of the cover.
Hardware: Shall be zinc plated and chromate sealed.
Finishes: Mill finish aluminum.

A-1-8 REF. DRAWING A3.1 BUILDING SECTION, DETAILS

- .1 Reference detail 4: Revise handrail to be 38 diameter steel tubing.”

A-1-9 REF. DRAWING M1.1, MECHANICAL EQUIPMENT SCHEDULE & MECHANICAL ROOM PLUMBING

- .1 Add the following to Equipment Schedule:
Reference Electric Fan Forced Heater: "Provide a factory installed 40 Amp disconnect switch with each unit."
- .2 Add the following to detail 2: "Note 1: Remove existing condensing unit and all associated piping and accessories in their entirety."
- .3 Add the following to detail 2: "Note 2: Remove the existing abandoned water service pipe stubbed up and exposed on the site to 2440 below grade."
- .4 Add the following to detail 2: "Note 3: Remove the existing sanitary service pipe stubbed up and exposed on the site to 2440 mm below grade. Cap, seal and abandon below grade."
- .5 Add the following to detail 3: "Note 1: "Remove existing supports and provide temporary support for gas meter and gas service line to facilitate installation of new siding. Protect meter and gas line while work is carried out. Resupport gas line and meter once siding is complete."

A-1-10 REF. DRAWING M2.1, CRAWLSPACE, MAIN FLOOR PLAN & MECHANICAL ROOM VENTILATION

- .1 Add the following to detail 3: "Remove existing furnace and associated ductwork and accessories in their entirety. Existing downflow S/A connection and ductwork routing in the floor cavity to be reused for new furnace. Remove fresh air duct and cap, patch and seal opening. Remove existing flue and combustion air pipe in their entirety, contractor may reuse existing penetration, modify as required."
- .2 Add the following to detail 3: "Install motorized insulated damper on 300x250 O/A intake upstream of HRV. Interlock damper to open with HRV enable and close when HRV shuts down."

A-1-11 REF. DRAWING E2, POWER AND SYSTEMS PLANS

- .1 Reference detail 2: "Delete the requirement for electrical local disconnects for force FF-1 through FF-4."

**A-1-12 REF. DRAWING E4.2, SPECIFICATIONS
Reference Lighting Schedule, Exit Lighting & Emergency Lighting:**

- .1 ADD the following approved equals for fixture type 'BB':
Philips Day-Brite CFI series
AimLite T19B series
- .2 ADD the following approved equals for fixture type 'A':
Philips Lightolier P6R series
Lithonia LDN6 series

- .3 ADD the following approved equals for fixture type 'X':
AimLite RPALW series
- .4 ADD the following approved equals for fixture type 'EM1', 'ER1', 'ER2':
AimLite RMMD series

A-1-13 REF. GENERAL QUESTIONS

- .1 Q: Drawing A1.2 indicates a "Resilient Sheet Safety Flooring" in Room 104 and the washrooms, however no specification is provided for this item.
A: Refer to section 09 65 20 attached.
- .2 Q: Describe the requirements of rubber base required?
A: Refer to section 09 65 20 attached.
- .3 Q: The specification contains section "12 49 00 – Roller Shades" however there are no shades indicated on the drawings.
A: Refer to Section 12 49 00 item 3.2.
- .4 Q: Drawing 3/A1.1 appears to indicate fire separated walls, however this is not continued on drawing 2/A1.2. Please clarify the extent of fire separations.
A: Refer to Drawing A1.1 detail 3 for fire separation locations.
- .5 Q: Drawing 2/A1.2 indicates new walls around rooms 105, 106, and 110, however the demolition drawing 1/A1.1 does not indicate for these to be removed. Please clarify the extent of demolition and new walls.
A: Refer to AR-1 for clarification on demolition.
- .6 Q: Demolition drawing 1/A1.1 indicates all exterior doors are to remain however the specifications and drawing A1.2 indicate they are to be replaced. Is the demolition and disposal of these doors included in the scope?
A: Refer to AR-1 for clarification on demolition.
- .7 Q: Specification section 02 41 13 – Part 1.4.3.1 indicates some items are designated for salvage. Besides the vinyl wallboard, is anything else required to be salvaged? (doors, hardware, windows, etc.)
A: Refer to AR-1 for clarification on salvaged material.
- .8 Q: Detail 2/M1.1 indicates the condensing units are to be mounted on a concrete base. Are concrete pavers acceptable or is a cast-in-place pad required?
A: Provide cast in place pad. Refer to AR-2 for condenser pad detail.
- .9 Q: How many vanity supports are required per vanity?
A: Refer to section 05 50 00 above.
- .10 Q: Request for mechanical equals.
A: Refer to section 21 05 01 article 1.24 for the process bidders are required to follow in regards to using materials and equipment that differ from the basis of design.

- .11 Q: Request for alternate Bobrick Metro Series toilet series from metal toilet partitions.
A: Provide as per section 10 21 13.13.
- .12 Q: Request for alternate Altex/Sunproject Deko-S70 from Solarfective 'T-1 teleshade'.
A: Not reviewed, insufficient data.
- .13 Q: The base flashing and window drip would have to be custom bent and coil is only available in aluminum. Would this be acceptable?
A: Provide as described in section 07 46 13.
- .14 Q: Is there a preferred controls contractor?
A: No, refer to section 21 05 01.

END OF ADDENDUM NO. 1

Part 1 General

1.1 REFERENCES

- .1 American Society for Testing and Materials (ASTM International)
 - .1 ASTM F 710 Practice for Preparing Concrete Floors and Other Monolithic Floors to Receive Resilient Flooring.
 - .2 ASTM F1344-[00], Specification for Rubber Tile..
- .2 Canadian General Standards Board (CGSB)
 - .1 CAN/CGSB-25.20-95, Surface Sealer for Floors.
 - .2 CAN/CGSB-25.21-95, Detergent-Resistant Floor Polish.

1.2 SUBMITTALS

- .1 Submit samples in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Submit duplicate tile in size and colours specified.
- .3 Submit technical data sheets of the flooring product and adhesive product.

1.3 CLOSEOUT SUBMITTALS

- .1 Provide maintenance data for rubber sports flooring for incorporation into manual specified in Section 01 78 00 - Closeout Submittals.

1.4 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate and recycle waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management And Disposal.

1.5 ENVIRONMENTAL REQUIREMENTS

- .1 Maintain air temperature and structural base temperature at flooring installation area above 20°C for 48 hours before, during and for 48 hours after installation.

1.6 EXTRA MATERIALS

- .1 Provide maintenance materials of resilient tile flooring, base and adhesive in accordance with Section 01 78 00 - Closeout Submittals.
- .2 Provide 5 m² of each colour, pattern and type flooring material required for this project for maintenance use.
- .3 Extra materials to be from same production run as installed materials.
- .4 Clearly identify each container of floor tile and each container of adhesive.
- .5 Deliver to Owner, upon completion of the work of this section.

- .6 Store where directed by Owner.

Part 2 Products

2.1 MATERIALS

- .1 Safety Flooring: Homogenous sheet flooring with enhanced slip resistance.
- .1 Sheet flooring: to ASTM E648, class one rating.
 - .2 Flexible PVC sheet flooring with silicon carbide, colour quartz, natural recycled aggregates and aluminum oxide granules.
 - .3 Thickness: Minimum 2.0mm
 - .4 Heat welding rod as recommended by sheet flooring manufacturer, colour matched to sheet flooring.
 - .5 Width of roll: 2 metres.
 - .6 Base: Form continuous coved base from sheet flooring.
 - .7 Altro Walkway Plus 20
 - .8 Colour: Match existing flooring
- .2 Primers and adhesives: two part polyurethane adhesive suitable for adherence of flooring to concrete substrate. Adhesive to be supplied by or approved by the rubber flooring manufacturer.
- .3 Sub-floor filler and leveller: as recommended by flooring manufacturer for use with their product.
- .4 Edge transition strips: rubber transition strips, colour: black.
- .5 Resilient base: continuous, top set, complete with premoulded end stops and external corners:
- .1 Type: rubber.
 - .2 Style: cove.
 - .3 Thickness: 2.03 mm.
 - .4 Height: 101.6 mm.
 - .5 Lengths: cut lengths minimum 2400 mm.
 - .6 Colour: to match existing

Part 3 Execution

3.1 INSPECTION

- .1 Ensure concrete floors are dry, by using test methods recommended by tile manufacturer. Concrete must have cured for a minimum of 30 days. Vapour emission from the substrate must be less than 1.35 kg per 93 Sq.m in 24 hours as per ASTM 1869-98.

- .2 Installer must have successfully completed installations of the same scale as this project, within the last three years and be recognized and approved by the sport surfacing manufacturer.

3.2 SUB-FLOOR TREATMENT

- .1 Prepare to ASTM F 710 and as recommended by rubber sport floor manufacturer.
- .2 Remove sub-floor ridges and bumps. Fill low spots, cracks, joints, holes and other defects with sub-floor filler. Floor must be level to not more than 3mm in 3 metre radius.
- .3 Clean floor and apply filler; trowel and float to leave smooth, flat hard surface. Prohibit traffic until filler cured and dry.
- .4 General Contractor and installer shall thoroughly inspect subfloor surface prior to proceeding with installation. Report any deficiencies to Departmental Representative.

3.3 FLOORING APPLICATION

- .1 Provide a high ventilation rate, with maximum outside air, during installation, and for 48 to 72 hours after installation. Vent directly to the outside. Do not let contaminated air re-circulate through a district or whole building air distribution system. Maintain extra ventilation for at least one month following installation.
- .2 To minimize emissions from adhesives, use lowest V.O.C. emitting material that will meet requirements of this specification.
- .3 Apply adhesive uniformly using recommended trowel in accordance with flooring manufacturer's instructions. Do not spread more adhesive than can be covered by flooring before initial set takes place.
- .4 Install sport flooring in accordance with manufacturer's printed instructions.
- .5 Lay flooring with joints parallel to building lines to produce tile pattern required. Border tiles minimum half tile width. Cut and adjust flooring prior to adhesion.
- .6 As installation progresses, and after installation, ensure full adhesion of tiles in adhesive. Hold all seams in place in accordance with manufacturer's recommendations.
- .7 Cut tile and fit neatly around fixed objects.
- .8 Terminate flooring at centerline of door in openings where adjacent floor finish or colour is dissimilar.
- .9 Install edge transition strips at unprotected or exposed edges where flooring terminates at openings.

3.4 APPLICATION: BASE

- .1 Lay out base to keep number of joints at minimum.
- .2 Clean substrate and prime with one coat of adhesive.

- .3 Apply adhesive to back of base.
- .4 Set base against wall and floor surfaces tightly by using 3 kg hand roller.
- .5 Install straight and level to variation of 1:1000.
- .6 Scribe and fit to door frames and other obstructions. Use premoulded end pieces at flush door frames.
- .7 Cope internal corners. Use premoulded corner units for right angle external corners. Use formed straight base material for external corners of other angles.

3.5 INITIAL CLEANING

- .1 Remove excess adhesive from floor, base and wall surfaces without damage.
- .2 Clean, floor and base surface to flooring manufacturer's instructions.

3.6 PROTECTION OF FINISHED WORK

- .1 Protect new floors from time of final set of adhesive until final inspection.
- .2 Prohibit traffic on floor for 48 hours after installation.

3.7 SCHEDULE

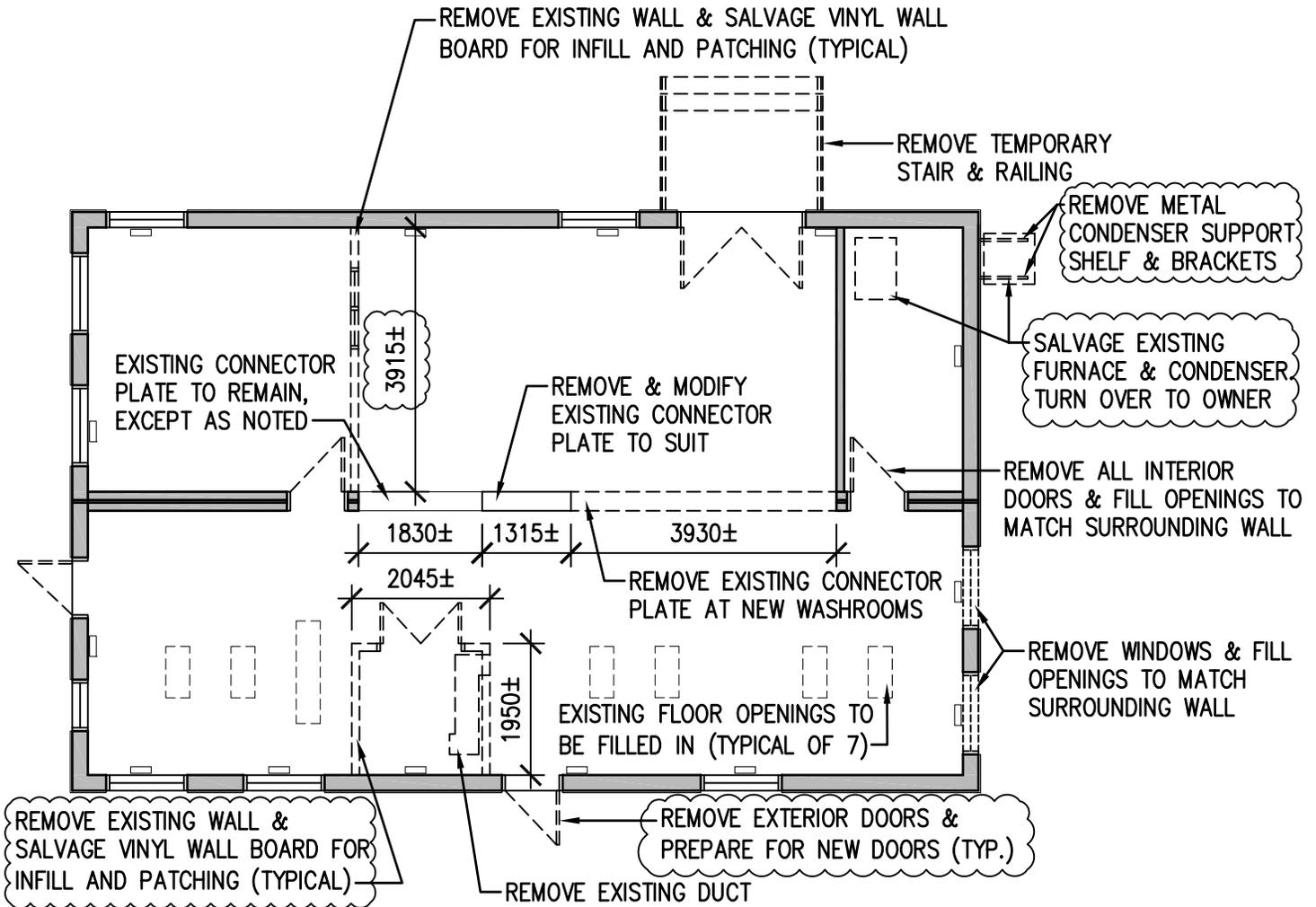
Flooring:

- .1 Provide new sheet flooring as shown on the drawings.

Base:

- .1 Provide new base for new partitions, modified partitions and partitions with infills.

END OF SECTION

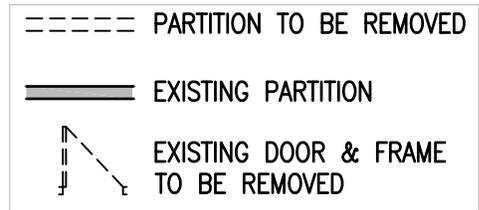


1
AR-1

DEMO PLAN

1:100

NOTE: SALVAGE WINDOWS, DOORS, FRAMES & HARDWARE. TURN OVER TO OWNER.



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PROJECT TITLE
 RTM TRANSPORT STAFF BUILDING
 REGINA, SASKATCHEWAN

DRAWING TITLE
 MAIN FLOOR DEMO PLAN

DATE
 2016.02.10

SCALE
 AS NOTED

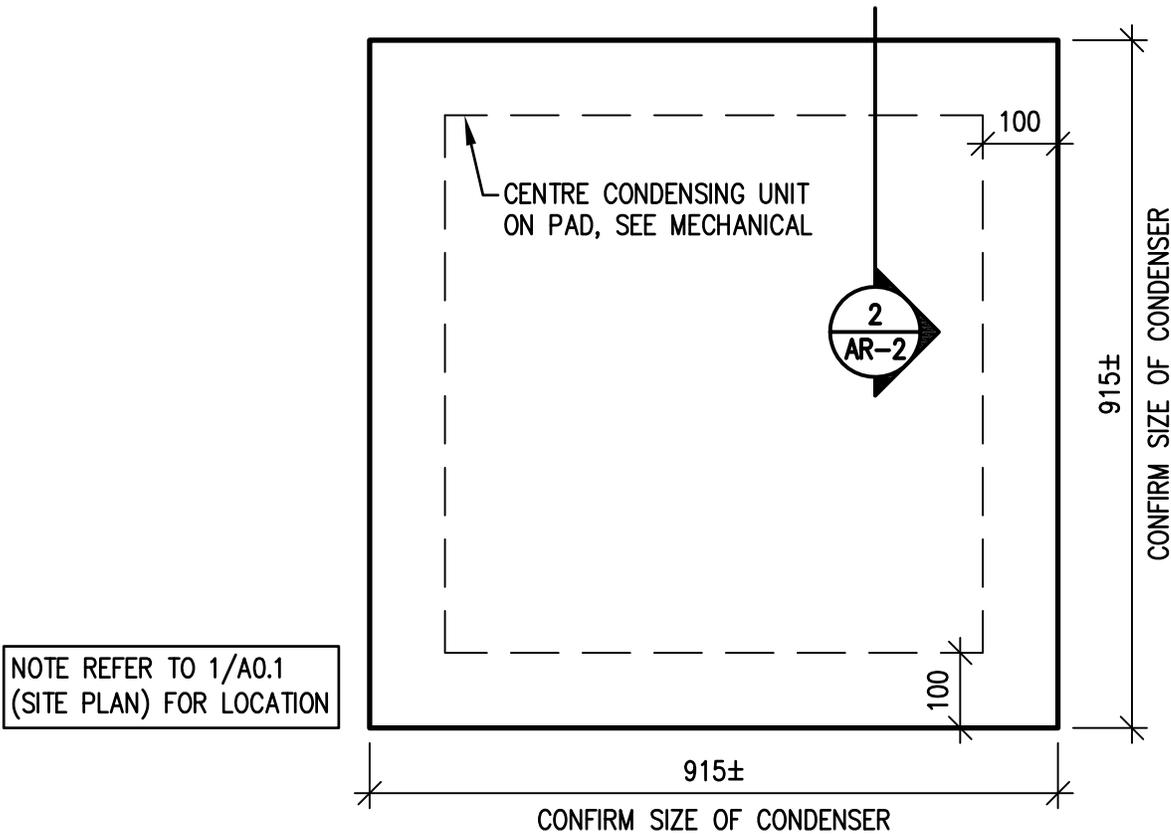
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PROJECT NO.
 29/2013

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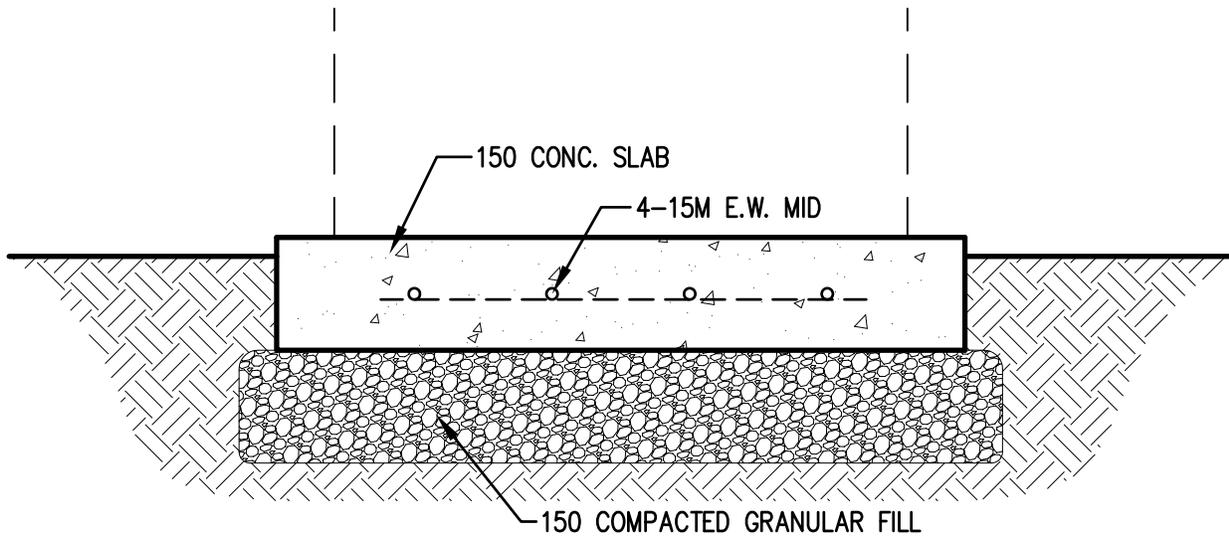
AR-1



1
A0.1

CONCRETE PAD PLAN

1:20



2
AR-2

CONCRETE PAD DETAIL

1:10

2016/02/10 X:\SEPW PROJECT FILES\2015\25-2015 RTM TRANSPORT STAFF RCMP\ACAD\WORKING DRAWINGS\03 INTERIOR PACKAGE\AR SHEETS\AR SHEET\PLOT FILES\AR-1 MAIN FLOOR DEMO



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PROJECT TITLE
RTM TRANSPORT STAFF BUILDING
REGINA, SASKATCHEWAN

DRAWING TITLE
CONCRETE MECHANICAL PAD

DATE
2016.02.10

SCALE
AS NOTED

DRAWN
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C.T.

PROJECT NO.
29/2013

DRAWING NO.

AR-2