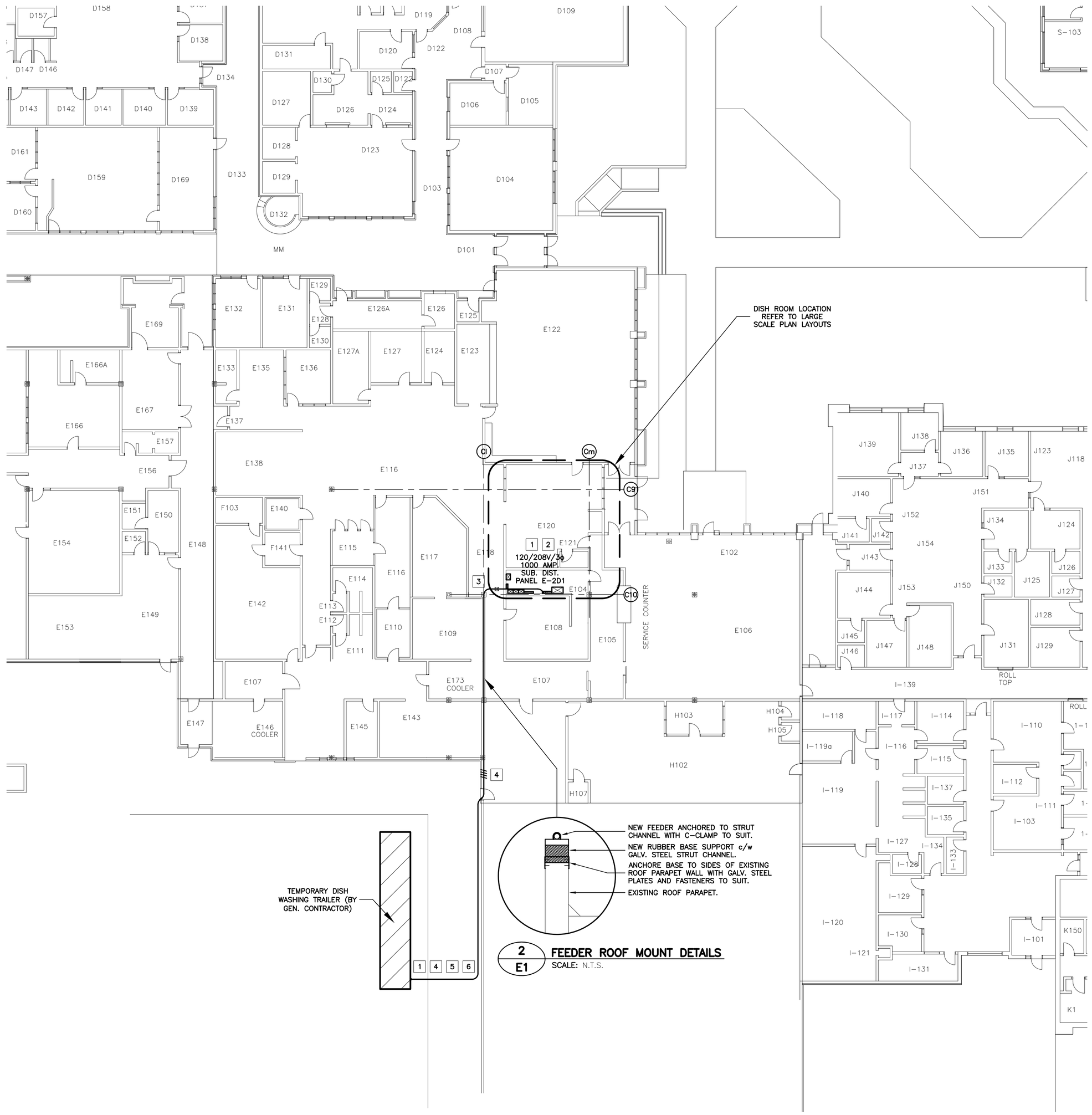

2 / E1 **FEEDER ROOF MOUNT DETAILS**
SCALE: N.T.S.

1 / E1 **SITE PLAN – ELECTRICAL LAYOUT**
SCALE: 1:200

ASSEMBLY NOTES

SITE PLAN – POWER LAYOUT NOTES:

1. COORDINATE ALL POWER & AUXILIARY INSTALLATIONS WITH ARCHITECTURAL, MECHANICAL AND STRUCTURAL LAYOUTS, CONFIRM EXACT LOCATIONS AND METHODS FOR OUTLET SUPPORTS ON SITE PRIOR TO INSTALLATIONS. MAKE ANY ADJUSTMENTS IN THE LAYOUTS AS REQUIRED TO ACCOMMODATE ALL THE WORK AT NO ADDITIONAL COSTS TO THE CONTRACT.
2. CONNECT NEW TEMPERARY DISHWASHING TRAILER INTO EXISTING SUB-DIST. PANELBOARD (FPE) 'E-2D1' c/w 200A 3-POLE BREAKER & FRAME TO SUIT, CONFIRM EXACT LOCATIONS, CONDITIONS AND REQUIREMENTS ON SITE.
3. GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL WATER TIGHT ROOF CURB FOR TEMPORARY TRAILER POWER FEEDER RISER ONTO ROOF, CONFIRM EXACT LOCATION, CONDITIONS AND REQUIREMENTS ON SITE.
4. CONFIRM EXACT LOCATIONS, CONDITIONS AND REQUIREMENTS ON SITE AND RUN 4–#250 MCM AL XLPE IN 78 EMT AND/OR TECK 90 CABLE c/w GRD. UP ONTO ROOF TO EXISTING TRAILER SERVICE ENTRANCE AND CONNECT. SUPPORT NEW FEEDER ON ROOF (PARAPET) WITH C–PORT C–SERIES BASES AT 3m O.C. AND 50mm GALV. STRUT CHANNEL ACROSS TO TRAILER UNIT.
5. CONFIRM EXACT LOCATIONS, CONDITIONS AND REQUIREMENTS ON SITE AND CONNECT NEW FEEDER (4–#250 MCM AL XLPE IN 78 EMT AND/OR TECK 90 CABLE c/w GRD.) INTO EXISTING TEMPORARY TRAILER ELECTRICAL LOAD CENTRE c/w 78mm RIGID CONDUIT MAST AND WEATHERHEAD TO SUIT.
6. NOTE: ELECTRICAL FEEDER TO TEMPORARY TRAILER ELECTRICAL LOAD CENTRE SHALL BE REMOVED FROM THE SITE AT THE COMPLETION OF THE DISH WASH ROOM, ONCE ALL KITCHEN EQUIPMENT IS OPERATIONAL (CONFIRM ON SITE WITH THE GEN. CONTRACTOR).

ELECTRICAL SYMBOL SCHEDULE

WIRING AND CONDUIT	
///	EMT CONDUIT OR TECH 90 RUN IN CEILING SPACE OR WALLS
///	FLEXIBLE CONDUIT OR ARMOURED CABLE
- - - - - -	LOW VOLTAGE CABLE RUN IN CEILING SPACE
○ □	JUNCTION BOXES
LIGHTING FIXTURES	
	SURFACED CEILING MOUNTED REMOTE EMERGENCY LIGHT FIXTURE
	RECESSED CEILING MOUNTED LED LIGHT FIXTURE
101	LIGHT FIXTURE TYPE (REFER TO SCHEDULE)
WIRING DEVICES	
	SINGLE POLE LIGHTING SWITCH
M	SINGLE POLE MOTOR PROTECTION SWITCH (SIZED TO SUIT)
	DISCONNECT SWITCH (SIZED TO SUIT)
	DUPLEX RECEPTACLE
WP	WEATHERPROOF DUPLEX RECEPTACLE
GFCI	DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT PROTECTION
	208V/3–PHASE EQUIPMENT SINGLE POINT POWER CONNECTION
	PANELBOARD OR CABINET – SURFACE MOUNT
OUTLETS AND EQUIPMENT	
	ELECTRIC MOTOR
	MISCELLANEOUS OUTLET
S	CEILING MOUNTED SPEAKER OUTLET
HS	FIRE ALARM SYSTEM HORN/STROBE ALARM DEVICE
CCTV	SECURITY SYSTEM CEILING MOUNTED CCTV OUTLET
SYMBOLS	
2	DRAWING NOTES REFERENCE
///	NO. OF CONDUCTORS WITHIN CONDUIT
8	NO. OF CONDUCTORS WITHIN CONDUIT

GENERAL ELECTRICAL NOTES

1. VISIT THE SITE DURING TENDERING TO CONFIRM ALL ON SITE CONDITONS, LAYOUTS AND MEASUREMENTS.
2. PRIOR TO COMMENCING INSTALLATION OF ALL WORK, THE CONTRACTOR SHALL CHECK ALL ELEVATIONS AND ROUTES OF CONDUIT RACEWAYS ON SITE, ALL CONDUIT TO BE RUN CONCEALED WHERE PRACTICAL.
3. BE RESPONSIBLE FOR LAYING OUT THE WORK AND COORDINATING WORK WITH OTHER TRADES TO AVOID INTERFERENCES AND DELAYS. CHECK ARCHITECHTURAL, STRUCTURAL AND MECHANICAL LAYOUTS PRIOR TO COMMENCING INSTALLATION OF THE WORK AND MAKE ANY ADJUSTMENTS IN LAYOUTS AS REQUIRED TO ACCOMMODATE ALL WORK AT NO ADDITIONAL COSTS TO THE CONTRACT.
4. PRIOR TO INSTALLATIONS OF OUTLET ROUGH–INS REVIEW ALL MILLWORK SHOP DRAWINGS AND CONFIRM ON SITE ALL MOUNTING HEIGHTS AND LOCATIONS, MAKE ANY ADJUSTMENTS IN LAYOUTS AS REQUIRED.
5. PROVIDE AND INSTALL ALL REQUIRED OUTLETS, JUNCTION BOXES, CONDUIT RACEWAY AND WIRING AS NECESSARY TO CONNECT EQUIPMENT, WIRING DEVICES AND LIGHTING FIXTURES TO SUIT LAYOUTS.
6. WHERE CONDUIT, RACEWAY, CABLE TRAY, ETC. PASSES THROUGH FIRE RATED FLOORS, WALLS AND CEILINGS, SEAL ALL AROUND THE ASSEMBLY WITH ULC FIRE RATED MATERIALS (HILTI, 3M) IN AN APPROVED MANNER.
7. PROVIDE AND INSTALL COMPLETE, FULLY TESTED AND OPERATIONAL ELECTRICAL SYSTEMS IN COMPLETE COMPLIANCE WITH CEC PART 1, C22.1–09.

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Western Region
SERVICES IMMOBILIERS
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ARCHITECT
FIELD FIELD & FIELD
Architecture – Engineering Ltd.
No. 100 WINDSOR COURT 9835 – 101 AVENUE,
GRANDE PRAIRIE ALBERTA T8V 5V4
PHONE (780) 532–3690

PROFESSIONAL ENGINEER ALBERTA J.E. FIELD

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2	99% REVIEW	OCT.21/13
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Client/client
CORRECTIONAL SERVICES CANADA

Project title/Titre du projet
GRANDE CACHE INSTITUTION
Bag 4000
GRANDE CACHE, ALBERTA

FOOD SERVICES
DISH ROOM REVITALIZATION

Approved by/Approuve par
JEF

Designed by/Concept par
JEF

Drawn by/Dessine par
JEF

PWGSC Project Manager/Administrateur de Projets TPSGC
YVON LABRECQUE

PWGSC, Architectural and Engineering Resources Manager/ Ressources Architectural et de Directeur d'ingénierie, TPSGC -

Client/client
RON J. FAHL

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ELECTRICAL - SITE PLAN

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
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