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Revision/	Description/Description	Date/Date

- A detail number
numéro de détail
- B source drawing no.
de dessin no.
- C detail on drawing no.
détail sur dessin no.

Client/client

PARK CANADA AGENCY

WESTERN AND NORTHERN REGION

Project title/Titre du projet
DAWSON CITY
YUKON TERRITORY

PALACE GRAND THEATRE
FOUNDATION REPLACEMENT

Consultant Signature Only

Designed by/Concept par

Drawn by/Dessiné par

PWSSC Project Manager/Administrateur de Projets TPSGC
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Drawing title/Titre du dessin

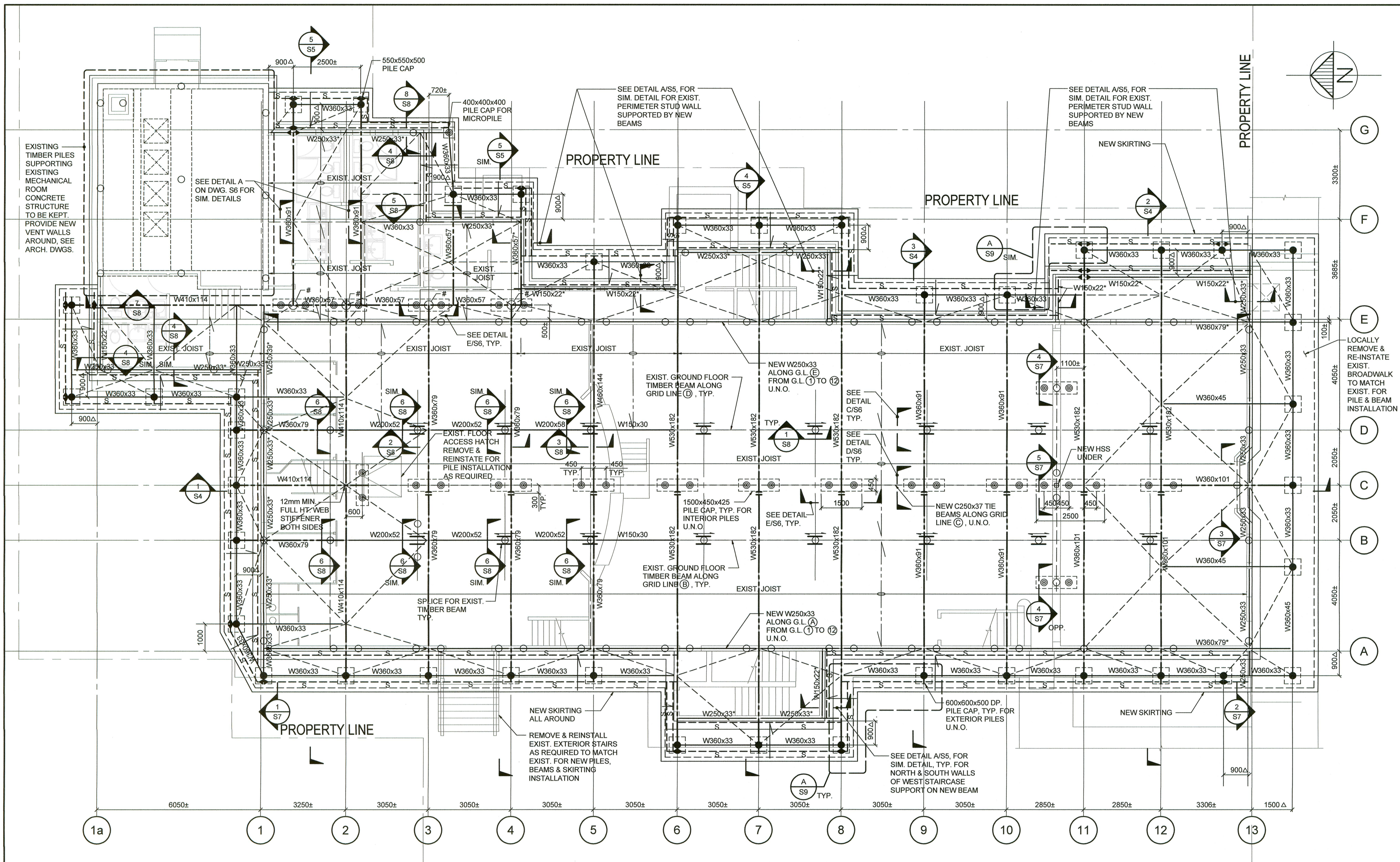
FOUNDATION
REPLACEMENT PLAN

Project No./No. du
projet
R.068835.001

Sheet/Fauille
S3

Revision no./
La Révision
no.
0

12173



LEGEND:

- DENOTES 350Ø DIAMETER STEEL PIPE PILE (40 IN TOTAL)
SEE SEPARATE DETAIL ON DWG. S5
- ◎ DENOTES 150Ø MICROPILE (36 IN TOTAL)
SEE SEPARATE DETAIL ON DWG. S5
- DENOTES EXIST. PILE
- DENOTES NEW STEEL GIRDER BEAM
- DENOTES NEW BEAM SPLICE LOCATION
- DENOTES NEW STEEL BEAM
- - - DENOTES NEW L127x127x8 STEEL
HORIZ. & DIAG. BRACE
TT = Cf = 100 kN, U.N.O.
- - - DENOTES EXIST. GRADE BEAM
- DENOTES EXIST. JOIST
- DENOTES SPLICE FOR EXIST. TIMBER BEAMS
- ◄► DENOTES MOMENT CONNECTION
- * DENOTES PROVIDE 64 MIN. x140 WIDE
WOOD NAILER ON TOP OF STEEL BEAMS
W/ DEPTH TO SUIT EXIST. STRUCTURE
DEPTH TO ENSURE FULL CONTACT OF
EXIST. BEAM TO NEW NAILER. EACH
NAILER C/W 2 ROWS OF 12Ø NELSON
THREADED STUDS @1200 O/C STAGG.
COUNTERSUNK U.N.O., W/ STUD LENGTH
TO SUIT NAILER DEPTH.
- 900Δ DENOTES MAXIMUM OFFSET OF 900mm
FROM EXISTING BUILDING EXTERIOR.
- # DENOTES STEEL BEAM TO PILE CAP
CONNECTION. SEE TYP. DETAILS FOR
STEEL BEAM TO PERIMETER CONC. PILE
CAP CONNECTION ON DWG. S6 FOR
SIMILAR DETAIL
- S DENOTES SKIRTING SUPPORT BEAM
C200x17 C/W 64x89 NAILER W/ 12Øx64 LG.
NELSON THREADED STUDS @ 900 O/C
COUNTERSUNK, TYP.
- DENOTES SKIRTING ROOF RAFTER 38x140
@ 400 O/C SUPPORTED ON STUDS ON TOP
OF C200 BEAM, SEE DETAILS ON DWG S9.
TYP. FOR NEW SKIRTING ROOF FRAME
CONSTRUCTION

FOUNDATION REPLACEMENT PLAN

1:75

NOTES:

- ALL EXIST. TIMBER PILES SUPPORTING TIMBER STRUCTURE
TO BE CUT UP TO 300mm BELOW CRAWL SPACE LEVEL, &
ALL EXIST. PILE CAPS TO BE REMOVED.
- EXISTING PILES UNDER MECHANICAL ROOM CONCRETE
STRUCTURE TO BE KEPT.

THE EXISTING TIMBER BEAM SIZE/ELEVATION SHOWN ON THE SECTIONS/DETAILS ON ALL DRAWINGS
ARE FOR GENERAL INFORMATION ONLY.

- CONTRACTOR SHALL CONFIRM/VERIFY ON SITE THE EXISTING FLOOR JOISTS ORIENTATION AND
EXISTING BEAM LOCATIONS AS INDICATED ON DRAWINGS BY LOCALLY REMOVAL OF EXISTING
CEILING PLYWOOD, INFORM D.P. IF THERE ARE ANY DISCREPANCIES FOUND ON SITE.
- CONTRACTOR SHALL CONFIRM/VERIFY ON SITE THE ACTUAL BOTTOM ELEVATIONS OF EXISTING
TIMBER BEAMS THAT SUPPORTING THE FLOOR JOISTS TO SET UP THE TOP ELEVATION OF THE NEW
STEEL SUPPORT BEAMS/GIRDERS.
- CONTRACTOR SHALL PROVIDE STEEL SHIMS/MEMBERS AS REQUIRED TO ENSURE SOLID BEARING
OF EXISTING TIMBER BEAMS ON NEW STEEL BEAMS/GIRDERS.
- CONTRACTOR SHALL PROPERLY COORDINATE THE NEW STEEL BEAMS ELEVATION WITH NEW PILE
CAP ELEVATION AND PROVIDE FLOWABLE NON-SHRINK GROUT/DRYPACK (25mm TO 40mm) AS
REQUIRED TO ENSURE SOLID BEARING OF NEW STEEL BEAMS/GIRDERS ON PILE CAPS.