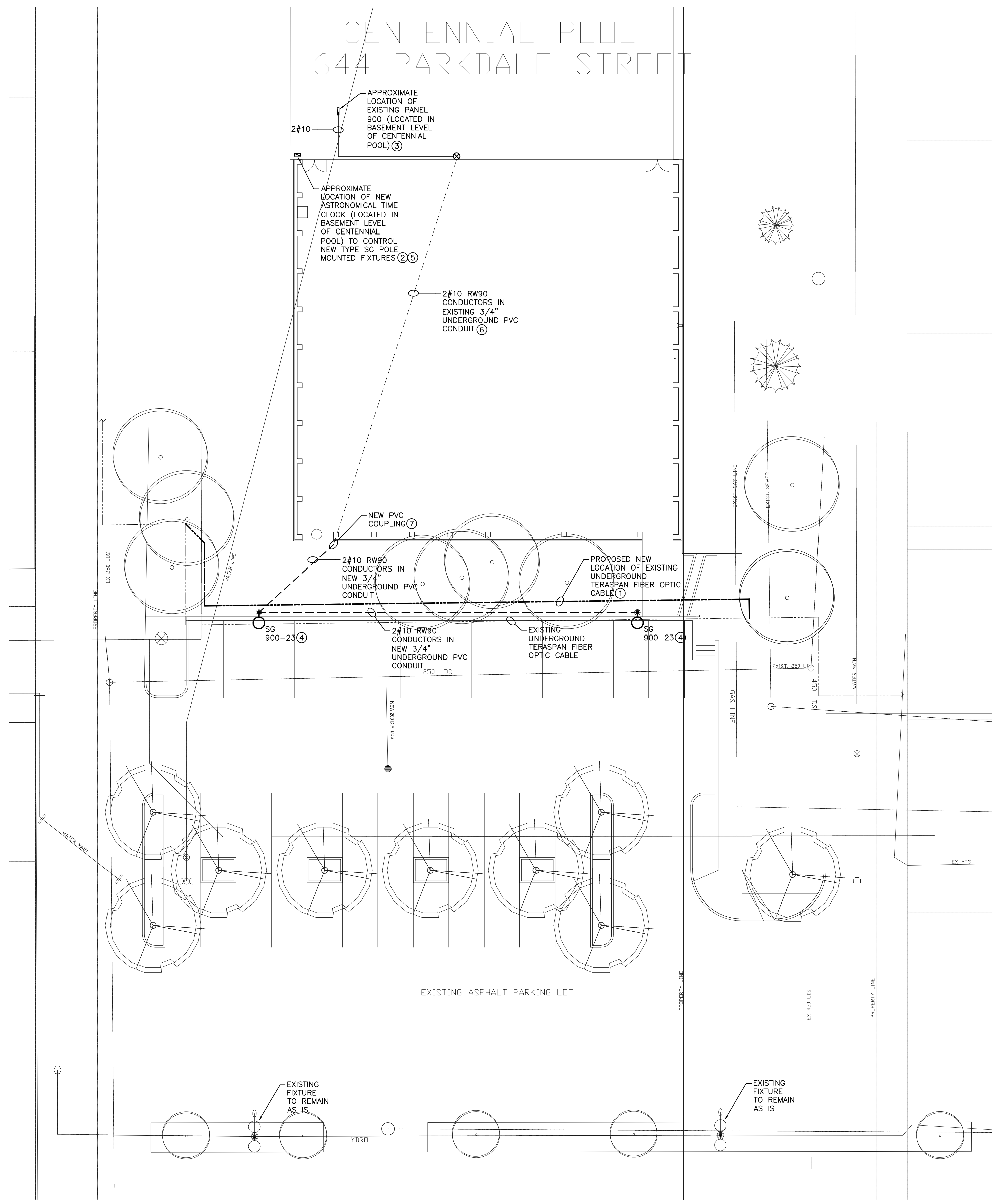


# CENTENNIAL POOL 644 PARKDALE STREET



## GENERAL NOTES

- WIRE NEW LIGHT FIXTURES WITH RW90 CONDUCTORS IN CONDUIT. USE WATER TIGHT CONNECTORS AND FS BOXES. NEW UNDERGROUND FEEDERS TO BE INSTALLED IN PVC CONDUIT UNDERGROUND AND IN EMT CONDUIT WITHIN BUILDING. EXACT CONDUIT ROUTE TO BE DETERMINED ON SITE WITH THE CITY OF WINNIPEG ELECTRICAL PRIOR TO ROUGH-IN.
- MAXIMUM VOLTAGE DROP PER CIRCUIT TO BE 3%. INCREASE WIRE SIZE AS REQUIRED TO ENSURE VOLTAGE DROP DOES NOT EXCEED 3%.
- ALL TRENCHING, BACKFILLING, ETC. BY ELECTRICAL CONTRACTOR.
- FIRESTOP ALL PENETRATIONS.

## KEY NOTES

- REFER TO LANDSCAPE DRAWINGS FOR RELOCATION OF EXISTING UNDERGROUND TERASSPAN FIBER OPTIC CABLE. WORK TO BE COMPLETED BY OTHERS. COORDINATE ALL WORK WITH THIS CONTRACT AND ALL OTHER UNDERGROUND SERVICES.
- NEW DIGITAL ASTRONOMICAL TIMECLOCK OVERRIDE SWITCH (INSTALLED IN NEW WALL MOUNTED LOCKABLE NEMA RATED CABINET) FOR PHOTOCCELL, LOCATED IN BASEMENT LEVEL (CENTENNIAL POOL). NEW WALL MOUNTED LOCKABLE NEMA RATED CABINET TO BE SPRINKLER PROOF IN SPRINKLERED BUILDING. CONFIRM EXACT LOCATION ON SITE WITH CITY OF WINNIPEG ELECTRICAL PRIOR TO ROUGH-IN.
- PROVIDE AND INSTALL ONE NEW 15A-1P BREAKER (KAIC TO MATCH EXISTING) IN EXISTING PANEL 900 (CIRCUIT 23 (EXISTING SPACE)) TO FEED NEW TYPE SG POLE MOUNTED FIXTURES. NEW BREAKER TO MATCH EXISTING IN ALL RESPECTS.
- WIRE AND CONNECT NEW TYPE SG POLE MOUNTED FIXTURE TO EXISTING PANEL 900 (120/208V, 3Ø, 4W, 100 AMP, 3Ø-CIRCUIT), CIRCUIT 23.
- DIGITAL ASTRONOMICAL TIMECLOCK TO BE TORK DWZ SERIES (C/W OVERRIDE SWITCH) OR APPROVED EQUAL.
- RUN NEW RW90 CONDUCTORS IN EXISTING UNDERGROUND 3/4" PVC CONDUIT C/W PULL STRING (PROVIDED AND INSTALLED BY OTHERS). COORDINATE WITH SPRAY PAD CONTRACTOR.
- PROVIDE AND INSTALL NEW PVC COUPLING AS REQUIRED TO ATTACH EXISTING AND NEW PVC CONDUITS TOGETHER. EXISTING 3/4" PVC CONDUIT TO BE STUBBED FROM EXISTING WALL BY OTHERS. COORDINATE WITH SPRAY PAD CONTRACTOR.

| SYMBOL LEGEND        |                          |
|----------------------|--------------------------|
| RECEPTACLE AND POWER |                          |
|                      | SURFACE MOUNTED PANEL    |
|                      | JUNCTION BOX             |
| LIGHTING             |                          |
|                      | SINGLE HEAD POLE MOUNTED |
|                      | DOUBLE HEAD POLE MOUNTED |

\* PLEASE NOTE \*

ALL EQUIPMENT SHOWN "FADED BACK" IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

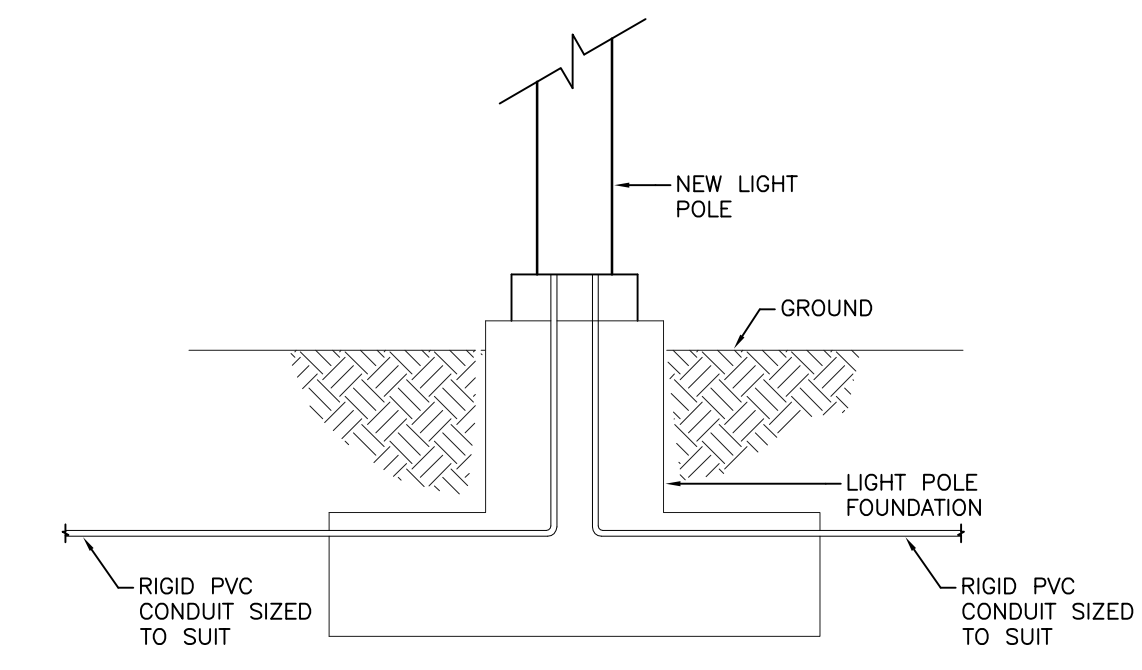
ALL EQUIPMENT SHOWN "DARK" IS NEW CONSTRUCTION UNLESS OTHERWISE NOTED.

ALL EQUIPMENT SHOWN "DASHED" IS EXISTING TO BE DEMOLISHED UNLESS OTHERWISE NOTED.

## LIGHT FIXTURE SCHEDULE

| TYPE | MANUFACTURER                      | CATALOGUE NUMBER            | LAMPS      | VOLTS | REMARKS  | NOTES |
|------|-----------------------------------|-----------------------------|------------|-------|--|-------|
| SG   | AMERICAN ELECTRIC LIGHTING        | 115-15S-RN-120-R3-FG-CSA-PC | 1-150W HPS | 120V  | ROADWAY SERIES 115 CUT OFF STYLE FIXTURE C/W POWDER COATED RUGGED DIE-CAST ALUMINUM HOUSING, TYPE III DISTRIBUTION, FLAT GLASS CLEAR TEMPERED OPTICS AND BUILT-IN PHOTOCCELL | 3     |
|      | WEST COAST ENGINEERING GROUP LTD. | SINGLE DAVIT SD SERIES      |            |       | SINGLE DAVIT SD SERIES POLE FINISH TO MATCH EXISTING   | 1,2,4 |

- NOTES:
- POLE REACH AND RADIUS LENGTHS TO MATCH EXISTING.
  - POLE HEIGHT TO MATCH EXISTING.
  - NEW LAMP TYPE AND WATTAGE TO MATCH EXISTING IN ALL RESPECTS.
  - PROVIDE ANCHOR RODS C/W NUTS AND WASHERS.



2 LIGHT POLE - WIRING DETAIL  
SCALE: NTS

1 SITE PLAN - ELECTRICAL  
SCALE: 1:200



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|--|--|--|---|--|-----------------------|---|---|---|--|
| <p>1 MAY 16 2012 ISSUED FOR TENDER</p> |  |  | <p>Client: Winnipeg Planning Property and Development Department<br/>3rd Floor - 65 Garry Street<br/>Winnipeg, MB R3C 4K4</p> | <p>Mechanical &amp; Electrical Installer</p> | <p>Civil Engineer</p> | <p>Electrical Engineering Consultants</p> <p><b>SMS ENGINEERING</b></p> <p>Contact Colin Madachan: 775-0291</p> | <p>Contractor</p> <p><b>J.R. Cousin Consultants Ltd.</b><br/>Consulting Engineers and Project Managers<br/>770-222-2222 Fax: 204-481-9927 www.jrc.com</p> <p>Contact Matt Fischer: 489-0474</p> | <p>Landscape Architect</p> <p><b>HILDERMAN THORNA FRANK CRAW</b><br/>Landscape Architecture &amp; Planning<br/>1000-10th Street S. Winnipeg, MB R2G 1K1</p> <p>Contact James Hudson: 944-9007</p> | <p>Project: ST JAMES CENTENNIAL PARKING LOT EXPANSION<br/>WINNIPEG, MANITOBA</p> <p>Sheet Title: SITE PLAN - ELECTRICAL</p> <p>Design: CM Drawn: CM Checked: CM Scale: AS NOTED Date: 12/03/21 File: 12-016</p> <p>Sheet No.: E-1 Rev: 1</p> |
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