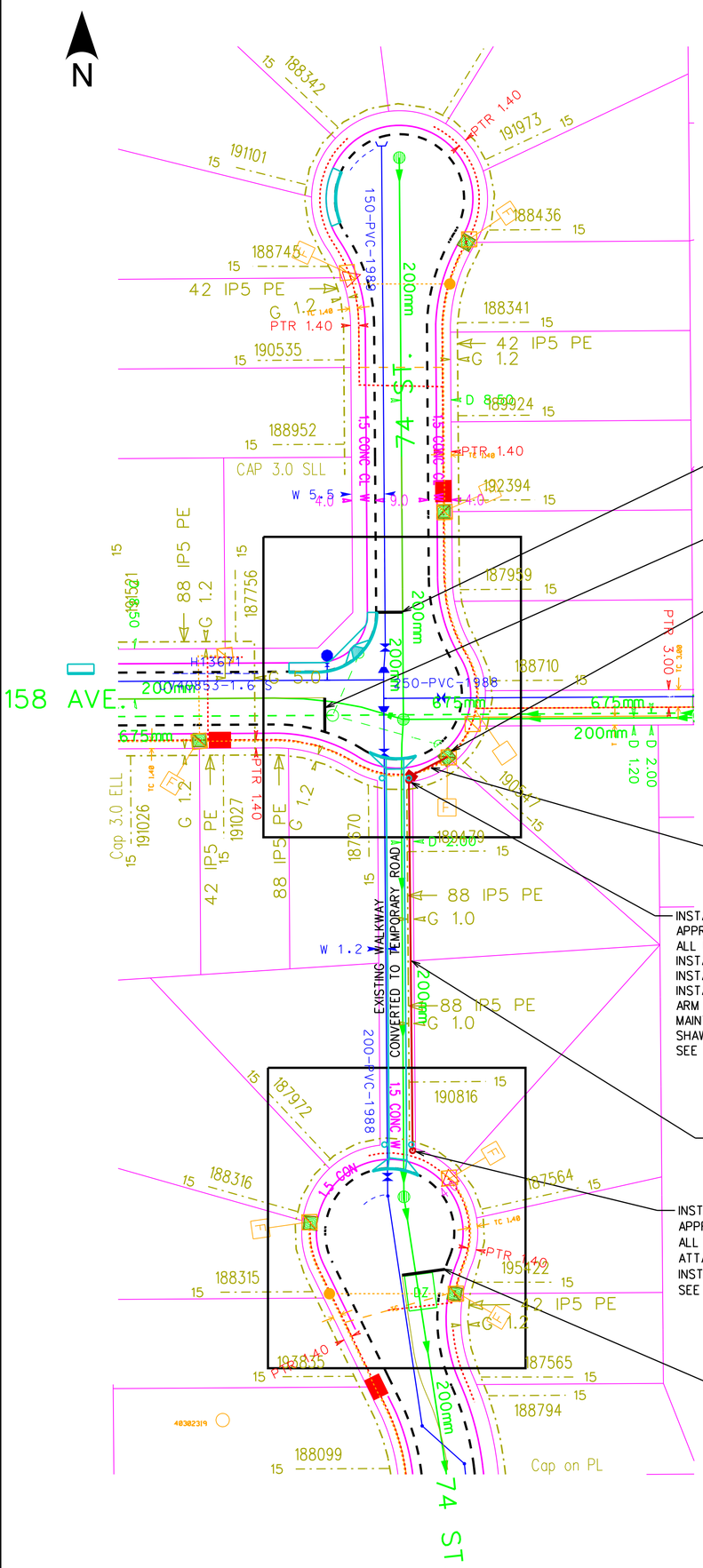


INSTALL STOPLINE FOR SB TRAFFIC ON 74 ST.
EXACT LOCATION TBD ON SITE.

INSTALL STOPLINE FOR EB TRAFFIC ON 158 AVE.
EXACT LOCATION TBD ON SITE.

USE EXISTING 26' STREETLIGHT w/POWER BASE.
EPCOR D&T TO CONFIRM PROPOSED SERVICE
CONNECTION FOR TRAFFIC SIGNAL.
ATTACH AERIAL #8 Cu, RW-90 CABLE FROM
STREETLIGHT POLE TO TRAFFIC CABINET
ON WOOD POLE.

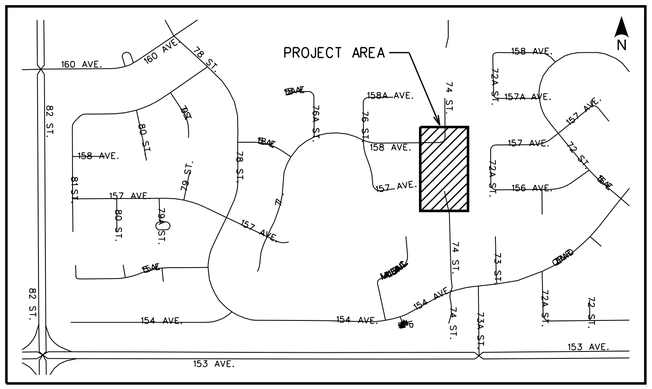
INSTALL AERIAL #8 Cu, RW-90 CABLE FROM STREETLIGHT POLE
TO CABINET ON WOOD POLE.

INSTALL TEMPORARY 50' WOOD POLE. IF REQUIRED, INSTALL SIDEWALK ANCHOR.
APPROX. 3.7m SS. EXACT LOCATION TBD ON -SITE AFTER
ALL UTILITIES ARE LOCATED AND TEMPORARY ROAD IS STAKED.
INSTALL SHELF MOUNTED TRAFFIC M-CABINET FACING NE.
INSTALL 3 GROUND RODS, 3m APART.
INSTALL 1- 12' TROMBONE ARM FOR SB TRAFFIC AND 1- 12' TROMBONE
ARM FOR EB TRAFFIC.
MAINTAIN MIN. CLEARANCE FROM GAS, DRAINAGE, STREETLIGHT,
SHAW, TELUS & POWER.
SEE DETAIL DESIGN 1a & 1b.

INSTALL 64m AERIAL 16C CABLE BETWEEN BOTH WOOD POLES.

INSTALL TEMPORARY 50' WOOD POLE. IF REQUIRED, INSTALL SIDEWALK ANCHOR.
APPROX. 4.5m NN CURB. EXACT LOCATION TBD ON-SITE AFTER
ALL UTILITIES ARE LOCATED AND TEMPORARY ROAD IS STAKED.
ATTACH AERIAL 16C CABLE TO WOOD POLE.
INSTALL 1- 8' TROMBONE ARM FOR NB TRAFFIC.
SEE DETAIL DESIGN 2a & 2b.

INSTALL STOPLINE FOR NB TRAFFIC ON 74 ST.
EXACT LOCATION TBD ON SITE.



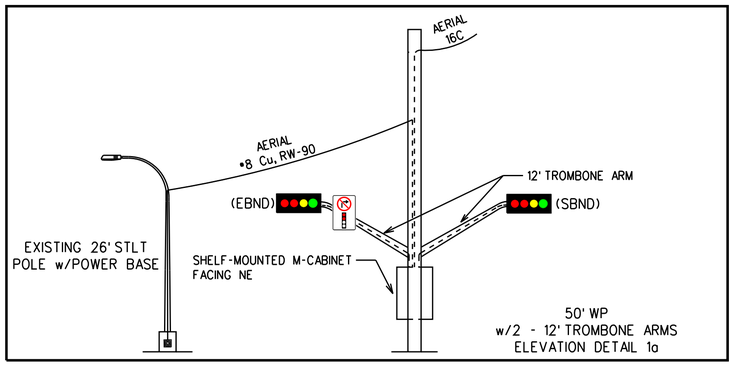
KEY PLAN
N.T.S.

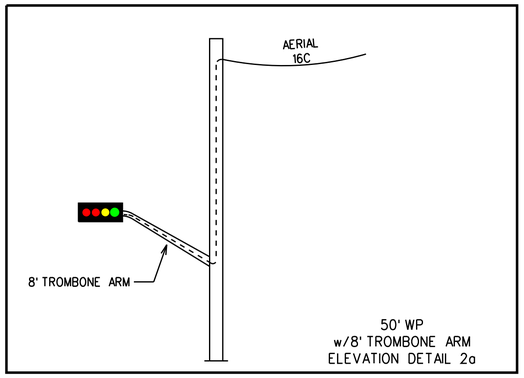
NOTES:

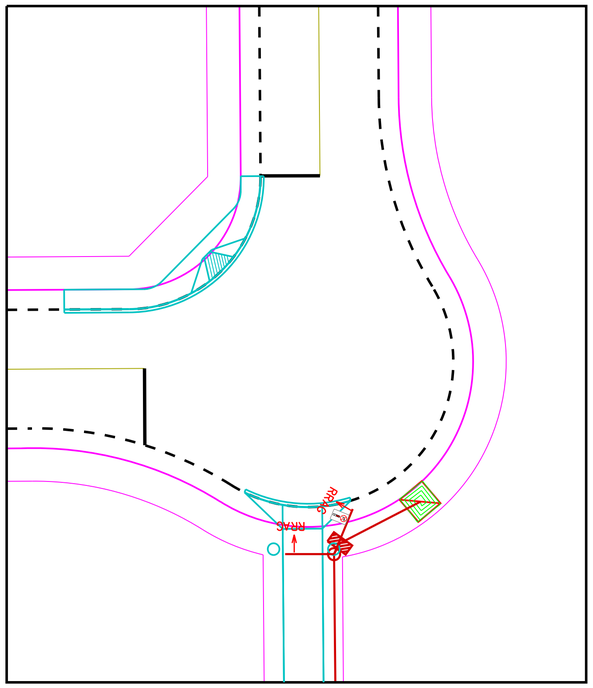
CONTRACTOR:

1. ALL UTILITIES TO BE STAKED PRIOR TO CONSTRUCTION.
2. INSTALL GROUND ROD AT ALL NEW TRAFFIC WOOD POLE.
3. EPCOR TO INSTALL "NO RIGHT ON RED" SIGN FOR EB TRAFFIC.
4. REFER TO ATTACHED FIXTURE DIAGRAM FOR PROPOSED FIXTURES.

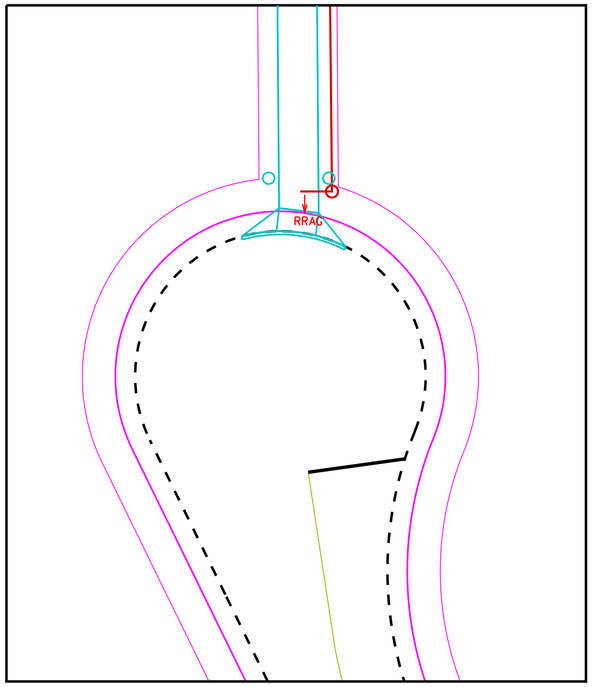
TRANSPORTATION OPERATIONS, CITY OF EDMONTON:
1. INSTALL 3 "NEW" STARBURST w/"SIGNAL" TAB FOR EB, SB & NB TRAFFIC, APPROX. 20m FROM EACH TEMPORARY STOPLINES.
2. INSTALL 3 "STOP HERE ON RED SIGNAL" SIGNS AT EACH TEMPORARY STOPLINES.
3. INSTALL TEMPORARY STOPLINE MARKING MIN. 16m FROM EB, SB & NB FIXTURES.
4. INSTALL "PEDESTRIAN & CYCLIST" BAN SIGNS AT NORTH & SOUTH APPROACHES.
5. INSTALL "NO TRUCK" SIGNS AT NORTH & SOUTH APPROACHES.
6. INSTALL "NO PARKING" SIGNS AT BOTH CUL-DE-SAC AS REQUIRED.







DETAIL DESIGN 1b NORTH OF PATHWAY
SCALE 1:250



DETAIL DESIGN 2b SOUTH OF PATHWAY
SCALE 1:250

LEGEND

EXISTING TRAFFIC	PROPOSED TRAFFIC
CABINET/M-1 BASE	CABINET/M-1 BASE
TRAFFIC POLE	TRAFFIC POLE
TRAFFIC PEDESTAL	TRAFFIC PEDESTAL
LOOP SPLICE BOX	LOOP SPLICE BOX
PULL BOX	PULL BOX
UNDERGROUND CONDUITS	UNDERGROUND CONDUITS
ABANDON CONDUITS	ABOVE GROUND DETECTOR
OVERHEAD CABLE	OVERHEAD CABLE
EXISTING CURBS	PROPOSED CONSTRUCTION DESIGN
SIGNAL FIXTURES	SIGNAL FIXTURES
TRAFFIC LOOP	TRAFFIC LOOP DZ DETECTION ZONE

2016127.dgn
File Name:

Traffic Signal Installation is to be carried in accordance with the City of Edmonton Transportation Department Traffic Signal Construction and Maintenance Specifications.

This drawing is intended to identify Traffic Signal Installation details only. No assurance is made regarding the correctness of roadway geometry, street light design, electrical design, pole base structures, pole structures, geotechnical conditions, pavement markings and utility information. The Contractor shall obtain all other appropriate approvals and make all other investigations required for the work.

TEMPORARY WOOD POLE SIGNAL, NERP 2016
Type of Traffic Signal Installation

Supervisor Signals Design & Construction

Designed By: ERIC BROUSSEAU

General Supervisor Construction & Maintenance

MAY 3, 2016
Date:

Director Signals, Street Lighting & Infrastructure

1:500
Scale:

THE CITY OF Edmonton
TRANSPORTATION SERVICES
TRANSPORTATION OPERATIONS BRANCH

TRAFFIC SIGNALS

158 AVENUE

74 STREET