

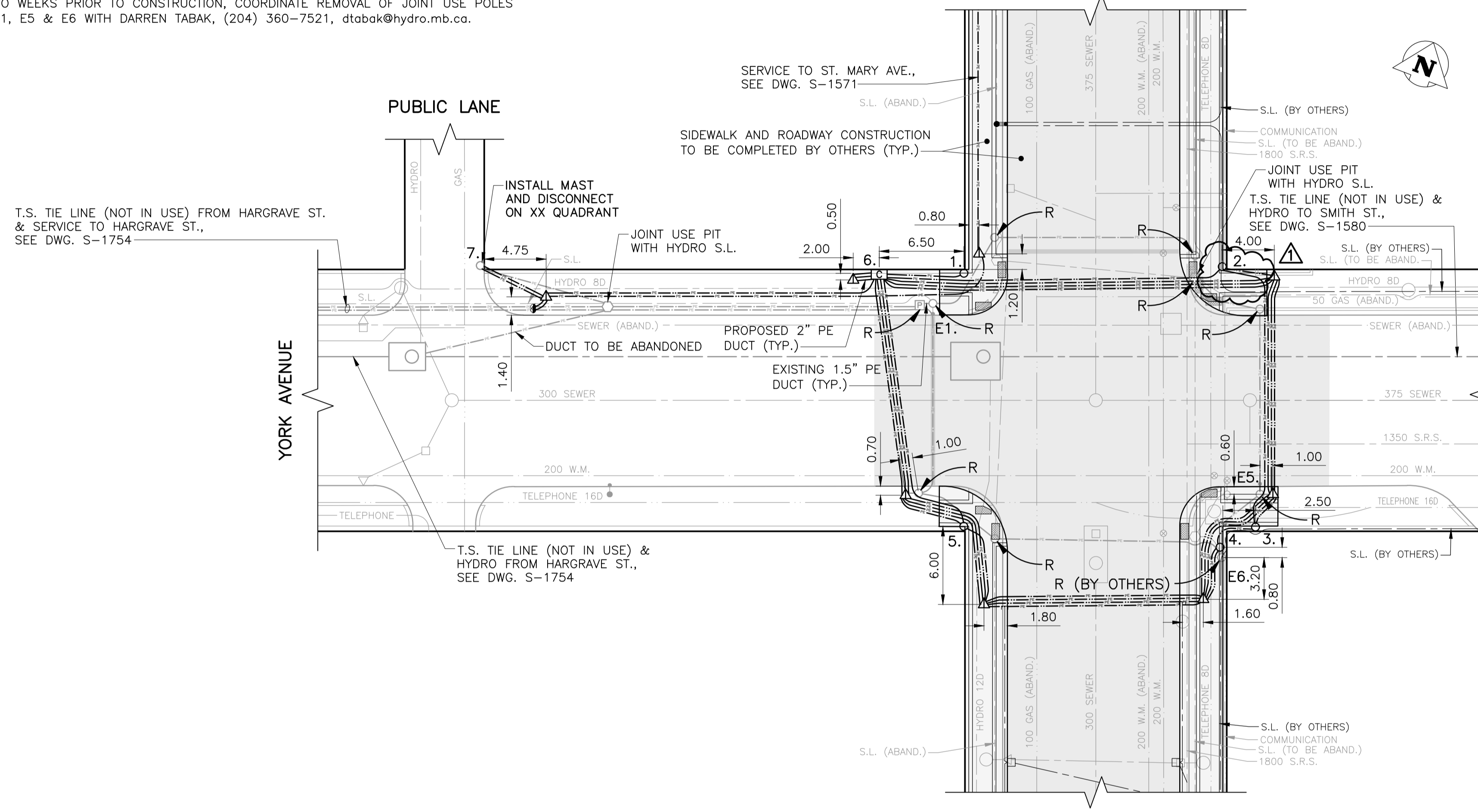
CONSTRUCTION NOTES:

PROJECT SCOPE

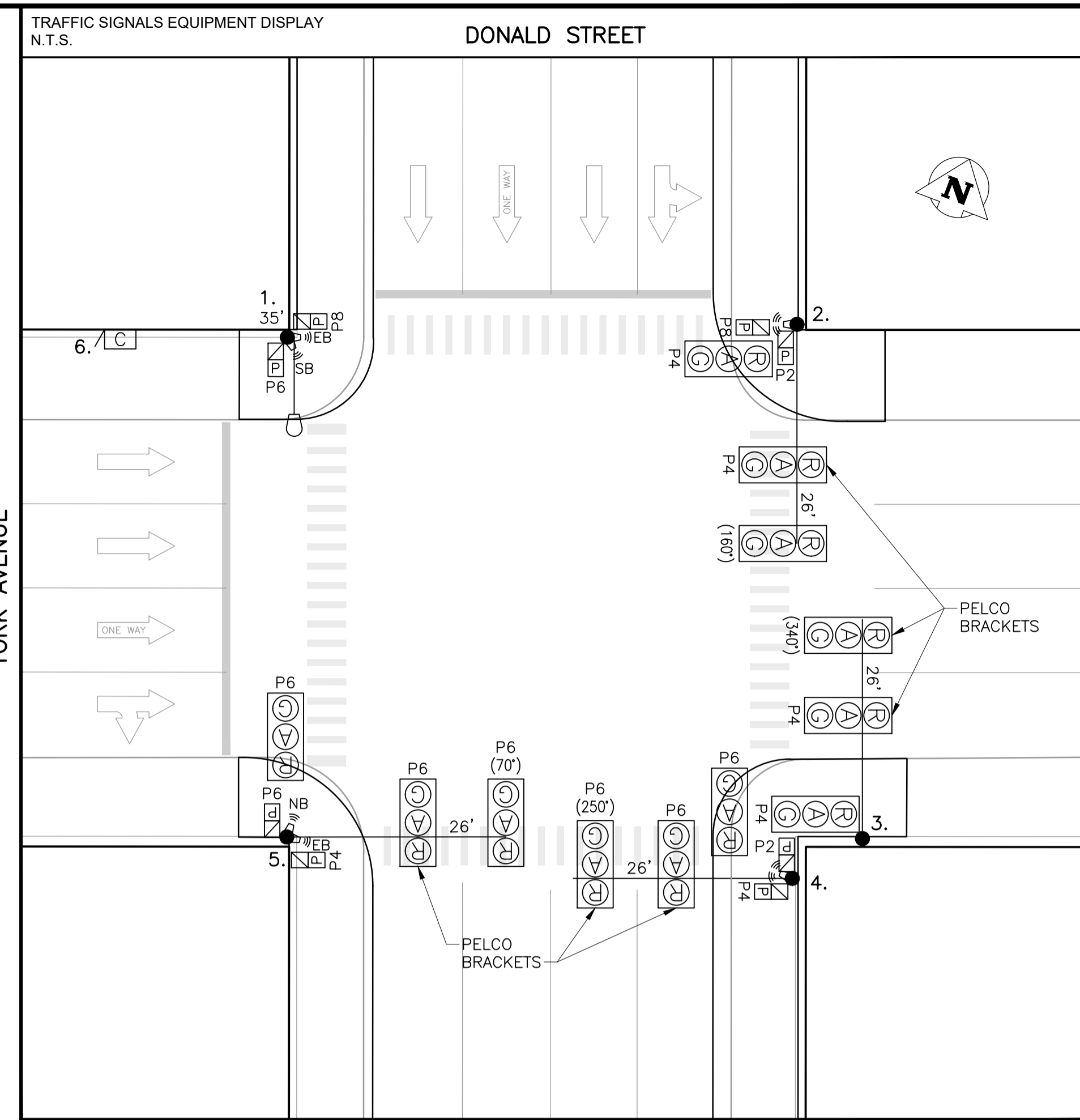
1. INSTALL CONDUIT, BASES AND PITS AS SHOWN. REMOVE THE JOINT USE PIT IN THE NORTHEAST CORNER.
2. REBUILD SERVICE AND GROUND ROD ON WOOD POLE #X AS SHOWN. INSTALL MAST AND DISCONNECT ON XX QUADRANT. INSTALL WEATHER HEAD 150mm LOWER THAN THE LOWEST HYDRO WIRE. TOTAL LENGTH OF SERVICE CABLE: 40m.
3. INSTALL EQUIPMENT AS SHOWN. REMOVE JOINT USE POLES #E1, E5 & E6.
4. TIMINGS REQUIRED.

PROJECT COORDINATION

1. COORDINATE WORK WITH (CA'S NAME), (204) XXX-XXXX.
2. COORDINATE HYDRO SERVICE REBUILD WITH (HYDRO DESIGNER), (204) XXX-XXXX. RE: JUTA PERMIT No. BXXXXX
3. TWO WEEKS PRIOR TO CONSTRUCTION, COORDINATE REMOVAL OF JOINT USE POLES #E1, E5 & E6 WITH DARREN TABAK, (204) 360-7521, dtabak@hydro.mb.ca.



PLAN VIEW: UNDERGROUND CONSTRUCTION
1:250



EQUIPMENT DISPLAY LEGEND

| | | | |
|--|----------|--|---------------------------|
| | EXISTING | | PROPOSED (AS SHOWN BELOW) |
| | EXISTING | | PROPOSED (AS SHOWN BELOW) |
| | EXISTING | | PROPOSED (AS SHOWN BELOW) |
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| | EXISTING | | PROPOSED (AS SHOWN BELOW) |
| | EXISTING | | PROPOSED (AS SHOWN BELOW) |

| NO. | EQUIPMENT LIST | ARM | BASE | B.B. | NO. | EQUIPMENT LIST | ARM | BASE | B.B. |
|-----|---|-----|------|-------|-----|------------------------------------|-----|------|------|
| 1. | 35' SIGNAL FOR 90 WATT (9000 LUMEN) LUMINAIRE | | OD | DD | E5. | 35' SIGNAL (TO BE REMOVED) | | A | A |
| 2. | CANTILEVER | 26' | OD | FIXED | E6. | 45' S.L. (TO BE REMOVED BY OTHERS) | | E | - |
| 3. | CANTILEVER | 26' | OD | FIXED | | | | | |
| 4. | CANTILEVER | 26' | OD | FIXED | | | | | |
| 5. | CANTILEVER | 26' | OD | FIXED | | | | | |
| 6. | 332 CABINET/2070 CONTROLLER | | | | | | | | |
| 7. | HYDRO WOOD | | | | | | | | |
| | SERVICE: | | | | | | | | |
| | SERVICE: FOR S-1571 | | | | | | | | |
| | SERVICE: FOR S-1754 | | | | | | | | |
| E1. | 30' S.L. (TO BE REMOVED) | | | | | | | | |

TRAFFIC SIGNALS UNDERGROUND LEGEND

| | | | |
|--|----------|--|---------------------------|
| | EXISTING | | PROPOSED (AS SHOWN BELOW) |
| | EXISTING | | PROPOSED (AS SHOWN BELOW) |
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| | EXISTING | | PROPOSED (AS SHOWN BELOW) |
| | EXISTING | | PROPOSED (AS SHOWN BELOW) |

SIGNAL BASE BOLT SQUARE TYPES

| | |
|--|---|
| | TYPE "A" - 8 1/8" |
| | TYPE "B" - 6 3/4" |
| | TYPE "C" - 8 1/8" SCREW TYPE |
| | TYPE "D" - 12 3/4", 1 1/4" DIA. BOLTS, 24" DIA. |
| | TYPE "OD" - 12 3/4", 1 1/4" DIA. BOLTS, 28" DIA. |
| | TYPE "PD" - 12 3/4", PRECAST, 1 1/4" DIA. BOLTS |
| | TYPE "E" - 9 9/16" SCREW TYPE |
| | TYPE "F" - 9 9/16" |
| | TYPE "G" - 8 1/8", 1 1/4" DIA. BOLTS, 89mm PROJ. |
| | TYPE "GS" - 8 1/8", 1 1/4" DIA. BOLTS, 76mm PROJ. |
| | TYPE "PG" - 8 1/8", PRECAST, 1 1/4" DIA. BOLTS |
| | TYPE "H" - 9 7/8" SCREW TYPE |
| | TYPE "I" - 7 3/4" |
| | TYPE "J" - 10 5/8", 1 1/4" DIA. BOLTS |
| | TYPE "K" - 10 5/8", PRECAST, 1 1/4" DIA. BOLTS |
| | TYPE "L" - 6", 5/8" DIA. BOLTS |
| | TYPE "PM" - 8 1/8", PRECAST, 5/8" DIA. BOLTS |

| EXISTING | LEGEND | PROPOSED | EXISTING | LEGEND | PROPOSED | EXISTING | LEGEND | PROPOSED |
|----------|-------------|----------|----------|------------------|----------|----------|-----------|----------|
| | WATERMAIN | | | ROADWAY | | | TELEPHONE | |
| | HYDRANT | | | SIDEWALK | | | TELEPHONE | |
| | VALVE | | | CURB & CURB RAMP | | | TELEPHONE | |
| | SEWER | | | WARNING TILE | | | TELEPHONE | |
| | MANHOLE | | | SLOPE | | | TELEPHONE | |
| | CATCH BASIN | | | CULVERT | | | TELEPHONE | |
| | CURB INLET | | | BUILDING | | | TELEPHONE | |
| | HYDRO | | | TREE | | | TELEPHONE | |
| | GAS | | | GUARDRAIL | | | TELEPHONE | |

UNDERGROUND STRUCTURES

| UNDERGROUND STRUCTURES ID | DATE (YYYY/MM/DD) |
|---------------------------|-------------------|
| | |

WATER & WASTE REVIEW ID

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NOTE: LOCATIONS OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

CONSTRUCTION REVISIONS

| NO. | REVISION | DATE (YYYY/MM/DD) | BY |
|-----|----------------------------|-------------------|------|
| 1 | RE-ISSUED FOR UGS APPROVAL | 2021/03/25 | R.S. |
| 0 | ISSUED FOR UGS APPROVAL | 2021/03/04 | R.S. |

ACCOUNTS:

WT PENDING

DESIGNED BY: R.S.

DRAWN BY: R.S.

CHECKED BY: C.H.

APPROVED BY: [Signature]

ENGINEER'S SEAL:

PRELIMINARY

NOT FOR CONSTRUCTION

THE CITY OF WINNIPEG

PUBLIC WORKS DEPARTMENT

TRANSPORTATION DIVISION

TRAFFIC SIGNALS

DONALD ST. & YORK AVE.

UNITS: ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED

DRAWING NUMBER: **S-1388**