MH Pole #1

MH Pole #2

MH Pole #3

MH Pole #4

MH Pole #5

MH Pole #6

MH Pole #7

Wilkes Ave

Hydro Connection Note 4

Existing Manitoba Hydro Power Line

CSP

Refer to E-5/1

Hydro Connection Note 4

Bank #1

Bank #2 & Distribution Pole

Bank #3

Note 2 and 3 Typical

To West End Sewage Treatment Plant

West Perimeter Service Road

Perimeter West

7kN / 45° (see note 3)

7kN / 45°

7kN / 45°

CITY TO STAKE LOCATIONS OF ALL POLES AND ANCHORS. CONTRACTOR TO GIVE CITY 2 WEEKS NOTICE PRIOR TO REQUIRING LOCATIONS.

16.35
17.00
16.00
17.30
16.00
17.40
16.00
18.40
16.00
18.40
16.00
17.50

58,00
58,00
56,00
56,00
56,00

160.00
125.00

30,00
56,00
56,00
56,00
56,00
56,00
345,00

X X X X X X

N

SUMMARY OF WORK

CITY REQUIRES LIGHTING TO BE INSTALLED FOR THE SNOW DISPOSAL SITE. THE LIGHTING WILL CONSIST OF 6 X 1000W HPS FLOODLIGHTS INSTALLED ONE PER POLE AND SEGREGATED INTO 3 SEPARATELY CONTROLLED BANKS. THE ELECTRICAL DISTRIBUTION AND CONTROL WILL BE INSTALLED ON THE WOOD POLE CONNECTED TO THE HYDRO CUSTOMER SERVICE POINT (CSP) VIA AN OVERHEAD LINE.

NOTES:

1. POLES DENOTED WITH "BANK #1, BANK #2, BANK #3" EACH CONTAIN ONE 1000W HPS FLOODLIGHT WITH CORRESPONDING AIMING POINT "X"

2. POLES TO BE ANCHORED USING GUY WIRES ATTACHED TO SCREW ANCHORS. ANGLE BETWEEN THE POLE AND THE GUY WIRE TO BE AS SHOWN. GUY WIRE TENSION FORCE TO BE AS SHOWN

3. DENOTES GUY WIRE TENSION AND VERTICAL ANGLE BETWEEN POLE AND GUY WIRE

4. THE CONTRACTOR WILL CARRY ALL COSTS AND PROVIDE ALL LABOUR AND MATERIAL ASSOCIATED WITH HYDRO'S REQUIREMENT FOR THE CSP INSTALLATION.

5. THE CONTRACTOR SHALL INFORM THE CONTRACT ADMINISTRATOR AT LEAST TEN DAYS IN ADVANCE OF SETTING POLES AND ANCHORING TO ALLOW THE CONTRACT ADMINISTRATOR TO VERIFY LOCATIONS AND WITNESS PROCESSES.

6. ALL DIMENSIONS IN METERS UNLESS INDICATE OTHERWISE

SYMBOL SCHEDULE	
●	New Pole
x/y	Anchor – x: Force, y: Angle
×	Floodlight Aiming Point–Typical

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

Winnipeg

PROJECT:
Snow Disposal Site – Wilkes Ave

SHEET TITLE:
Lighting Layout

ENG. STAMP

PROJECT NO.
106-2007

DRAWN BY:	CHECKED BY:	APPROVED BY:
VC	GWA	GWA

SCALE:	DATE:
1:30	25 June, 2007

DWG. NO.	REV.
E-1	0