

TERRA VALLEE

NOTE: Changes made as authorized by City Engineer
Terrance C. Potthoff

Terrance C. Potthoff 27 May 1977

- All future hookup locations for the individual house lights shall be clearly marked as follows:
- #8 - green - ground
 - #6 - white - neutral
 - #6 - Red - hot wire

- Legend
- ⊙ 150 Watt High Pressure Sodium W/1/2 Foot Pole
 - ⊙ 100 Watt Mercury Vapor Service (light Not included)
 - ◇ Junction Box
 - Control Center

Table of Quantities

LINE	Wire	each	Length	Total
ML #1	#2 Al. or #3 USC	116.0'		232.0'
	#6 Cop.	116.0'		116.0'
ML #2, 3, 4	#2 Al. or #3 USC	422.0'		844.0'
	#6 Cop.	422.0'		422.0'
ML #1A	#2 Al. or #3 USC	118.0'		236.0'
	#6 Cop.	118.0'		118.0'
ML #2A, 3A, 4A	#2 Al. or #3 USC	424.0'		848.0'
	#6 Cop.	424.0'		424.0'
BC #3, 5, 7	#6 Al. or #4 USC	138.5'		277.0'
	#6 Cop.	138.5'		138.5'
BC #2, 4, 6	#4 Al. or #4 USC	884.5'		1769.0'
	#6 Cop.	884.5'		5307.0'
BC #8	#2 Al. or #3 USC	884.5'		1769.0'
	#6 Cop.	884.5'		1769.0'

- Note: 1. Wire lengths indicated do NOT include loops necessary for connections into Junction boxes and control centers.
2. Each 150 Watt HPS light shall have one frost loop 1.5 ft long (Wire inches away from and return to line) and a five foot extension to pole.
3. Each 100 Watt Mercury Vapor light shall have a 1.5 foot loop on each side of light location (Wire inch displacement away from and return to line) and a five foot loop (5 ft. displacement from line and return to line). All loops are to be laid parallel and adjacent to lines.
4. Provide one #8 (green) tap for each light Standard location connected to #6 bare ground.

THOMAS ENGINEERING COMPANY
CONSULTING ENGINEERS
P.O. BOX 708
WANDAN, NORTH DAKOTA 58554



Scale 1" = 50'

REVISIONS			MATERIAL		
NO.	DATE	BY	SCALE	DATE	DRAWING NO.
1	5-12-77	BTM	1" = 50'	5/13/77	
2					
3					
4					
5					

