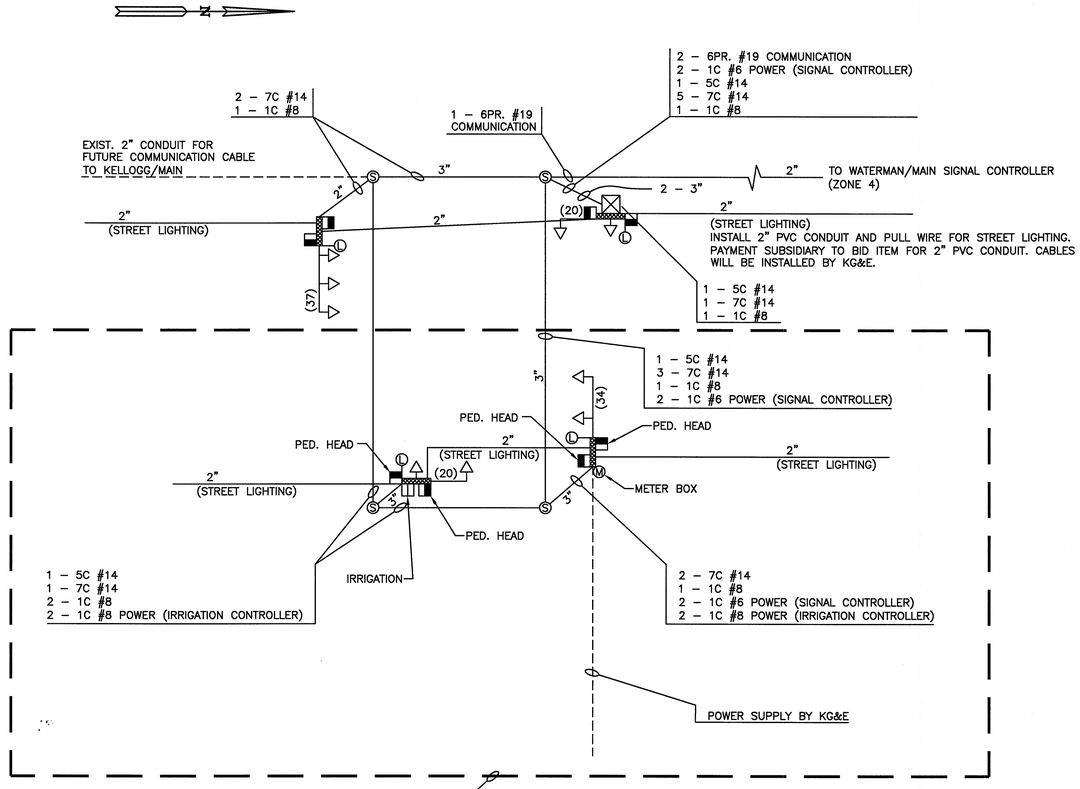

· SUMMARY OF QUANTITIES ·

ITEM No.	ITEM	UNIT	QUANTITY
1.	CABLE 1/C NO. 6 (POWER)	L.F.	204
2.	CABLE 1/C NO. 8 (POWER)	L.F.	533
3.	CABLE 5/C NO. 14 (SIGNAL)	L.F.	194
4.	CABLE 7/C NO. 14 (SIGNAL)	L.F.	493
5.	CABLE 6PR. NO. 19 (SHIELDED)		
	(COMMUNICATION)	L.F.	457
6.	CABLE NO. 8 AWG BARE COPPER		
	(GROUND)	L.F.	400
7.	CONDUIT 3 IN. RGC IN TRENCH	L.F.	75
8.	CONDUIT 2 IN. RGC IN TRENCH	L.F.	410
9.	TRENCHING	L.F.	485
10.	JOINT USE SIGNAL POLE	EACH	2
11.	MAST ARM 34 FT. (NOTE 4) *	EACH	1
12.	MAST ARM 37 FT. (NOTE 4) *	EACH	1
13.	STANDARD CONCRETE BASE	EACH	2
14.	12" TRAFFIC SIGNAL 3 HEAD (TYPE A)	EACH	5
15.	12" PED SIGNAL (TYPE L)	EACH	2
16.	135 WATT TRAFFIC SIGNAL LAMP	EACH	15
17.	SERVICE BOX 36 IN. DIAMETER	EACH	2
	SIGNAL SYSTEM HARDWARE		
18.	TYPE 170 CONTROLLER (NOTE 5) *	EACH	1

* EXISTING FROM CITY

LEGEND

- SIGNAL POLE WITH MAST ARM (JOINT USE)
- (S) SERVICE BOX
- STREET LIGHTING LUMINAIRE (FURNISHED & INSTALLED BY KG&E)
- 3 SECTION VEHICULAR SIGNAL (GREEN BALL)
- PEDESTRIAN INDICATION
- TRAFFIC SIGNAL CONTROLLER
- IRRIGATION CONTROLLER
- (M) METER BOX & POWER DISCONNECT
- (4) SIGNAL HEAD NUMBER
- PEDESTAL POLE

NOTES:

1. THE CONTRACTOR SHALL SUPPLY & INSTALL ALL NECESSARY MATERIAL & EQUIPMENT FOR THE COMPLETE OPERATION OF THE TRAFFIC SIGNAL SYSTEM INCLUDING COMMUNICATION CABLE WHETHER SPECIFICALLY MENTIONED OR NOT.
2. THE EXTERIOR COLOR OF ALL COMPONENTS & EQUIPMENT SHALL BE BLACK TO MATCH THE CITY SYSTEM.
3. THE TRAFFIC SIGNAL INSTALLATION SHALL BE BID AS A LUMP SUM.
4. MAST ARM LENGTHS ARE TO CENTER OF FOUNDATIONS. LENGTHS TO BE VERIFIED BY LAYOUT OF FOUNDATION, LANE DISTANCE & SIGNAL HEAD MOUNTING REQUIREMENTS.
5. TYPE 170 TRAFFIC CONTROLLER SYSTEM TO INCLUDE:
   - –ONE (1) MODEL 170 CONTROLLER UNIT COMPLETE WITH WAPITI MICRO SYSTEM W41KS (OR LATEST REVISION) TRAFFIC PROGRAM ON 412 B SYSTEM MEMORY MODULE.
   - –ONE (1) MODEL 336 CABINET COMPLETE WITH ALL ACCESSORIES INCLUDING TWO (2) MODEL 204 FLASHER UNITS & ONE (1) MODEL 210PC CONFLICT MONITOR.
   - –THREE (3) MODEL 242 TWO CHANNEL ISOLATORS.
   - –TEN (10) MODEL 200 SWITCH PACKS.

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Certificate of Authorization #E-1128 EXP. DATE: 12-31-2008

WATERWALK

PUBLIC IMPROVEMENTS PHASE 2 PACKAGE 3

Mark	Date:	Description
	12/17/07	BID SET
	4/25/07	FIELD CHECK SET

SIGNAL WIRING PLAN

Job No.	
Date	12–17–07
Drawn	B.C.
Checked	P.B.

MS3.2 OF 5
Dwg. 41 of 44

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