

STD. 605B

LIGHT POLE FOUNDATION DESIGN TABLES

MAJOR STREETS WITH MAST ARMS

TYPE OF SOIL	DESIGN DEPTH		REINFORCEMENT IN FOUNDATION			
	SINGLE ARM D	TWIN ARM D	SINGLE ARM VERT. BARS	SPIRAL	TWIN ARM VERT. BARS	SPIRAL
SOFT CLAY	13'-0"	15'-0"	4-#6X12'-6"	#3X122'	4-#6X14'-6"	#3X141'
MEDIUM CLAY	9'-6"	10'-9"	4-#6X9'-0"	#3X90'	4-#6X10'-3"	#3X100'
STIFF CLAY	8'-0"	8'-0"	4-#6X7'-8"	#3X78'	4-#6X7'-6"	#3X76'
LOOSE SAND	9'-0"	10'-0"	4-#6X8'-6"	#3X85'	4-#6X9'-6"	#3X94'
MEDIUM SAND	8'-3"	9'-0"	4-#6X7'-9"	#3X78'	4-#6X8'-6"	#3X85'
DENSE SAND	8'-0"	9'-0"	4-#6X7'-6"	#3X76'	4-#6X8'-6"	#3X85'

MINOR STREETS WITH MAST ARMS

TYPE OF SOIL	DESIGN DEPTH		REINFORCEMENT IN FOUNDATION			
	SINGLE ARM D	TWIN ARM D	SINGLE ARM VERT. BARS	SPIRAL	TWIN ARM VERT. BARS	SPIRAL
SOFT CLAY	11'-0"	13'-0"	4-#6X10'-6"	#3X103'	4-#6X12'-6"	#3X122'
MEDIUM CLAY	8'-0"	9'-3"	4-#6X7'-8"	#3X78'	4-#6X8'-9"	#3X87'
STIFF CLAY	6'-0"	8'-0"	4-#6X5'-6"	#3X58'	4-#6X5'-6"	#3X56'
LOOSE SAND	8'-0"	9'-0"	4-#6X7'-6"	#3X76'	4-#6X8'-6"	#3X85'
MEDIUM SAND	7'-0"	8'-0"	4-#6X6'-6"	#3X68'	4-#6X7'-6"	#3X76'
DENSE SAND	6'-0"	7'-0"	4-#6X5'-6"	#3X58'	4-#6X6'-6"	#3X66'

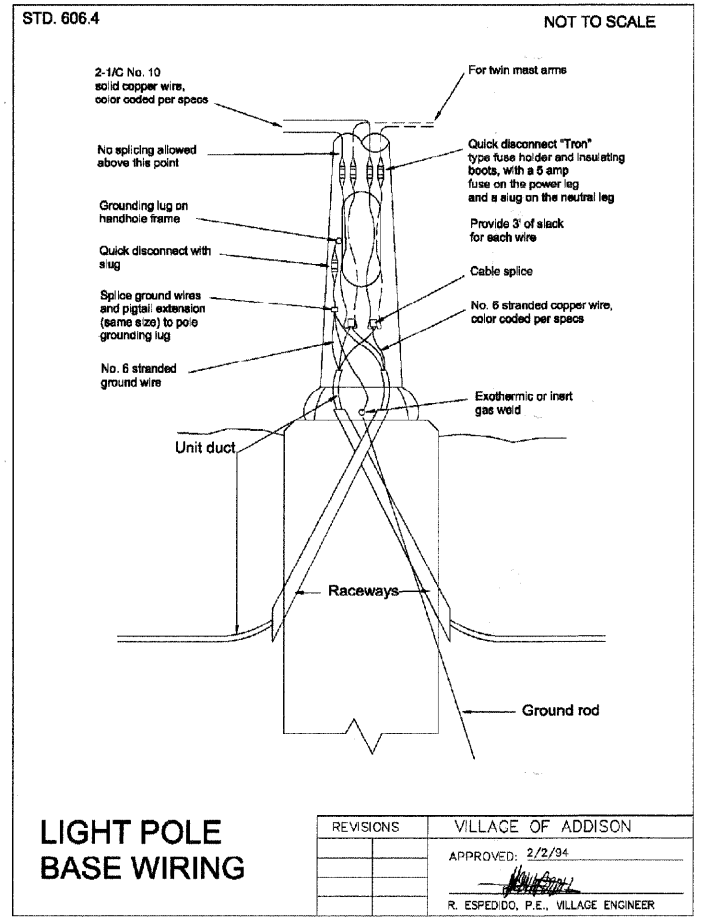
MINOR STREETS WITH COACH LIGHTS

TYPE OF SOIL	DESIGN DEPTH	REINFORCEMENT IN FOUNDATION	
		VERT. BARS	SPIRAL
SOFT CLAY	7'-0"	4-#6X6'-6"	#3X68'
MEDIUM CLAY	6'-0"	4-#6X5'-6"	#3X56'
STIFF CLAY	5'-0"	4-#6X4'-6"	#3X47'
LOOSE SAND	7'-0"	4-#6X6'-6"	#3X68'
MEDIUM SAND	6'-0"	4-#6X5'-6"	#3X56'
DENSE SAND	5'-0"	4-#6X4'-6"	#3X47'

Contractor at his option may substitute No.3 hoops at 12" for spiral cage

REVISIONS

	VILLAGE OF ADDISON
	APPROVED: 2/2/94
	R. ESPEDIDO, P.E., VILLAGE ENGINEER



VILLAGE OF ADDISON

**ELECTRICAL DETAIL SHEET**

FULLERTON AVENUE

SHEET 1 OF 3

DATE: 11/26/2007  
DESIGNED BY: FEI  
TECHNICIAN: FEI  
CHECKED BY: DEM

REVISIONS

NAME	DATE