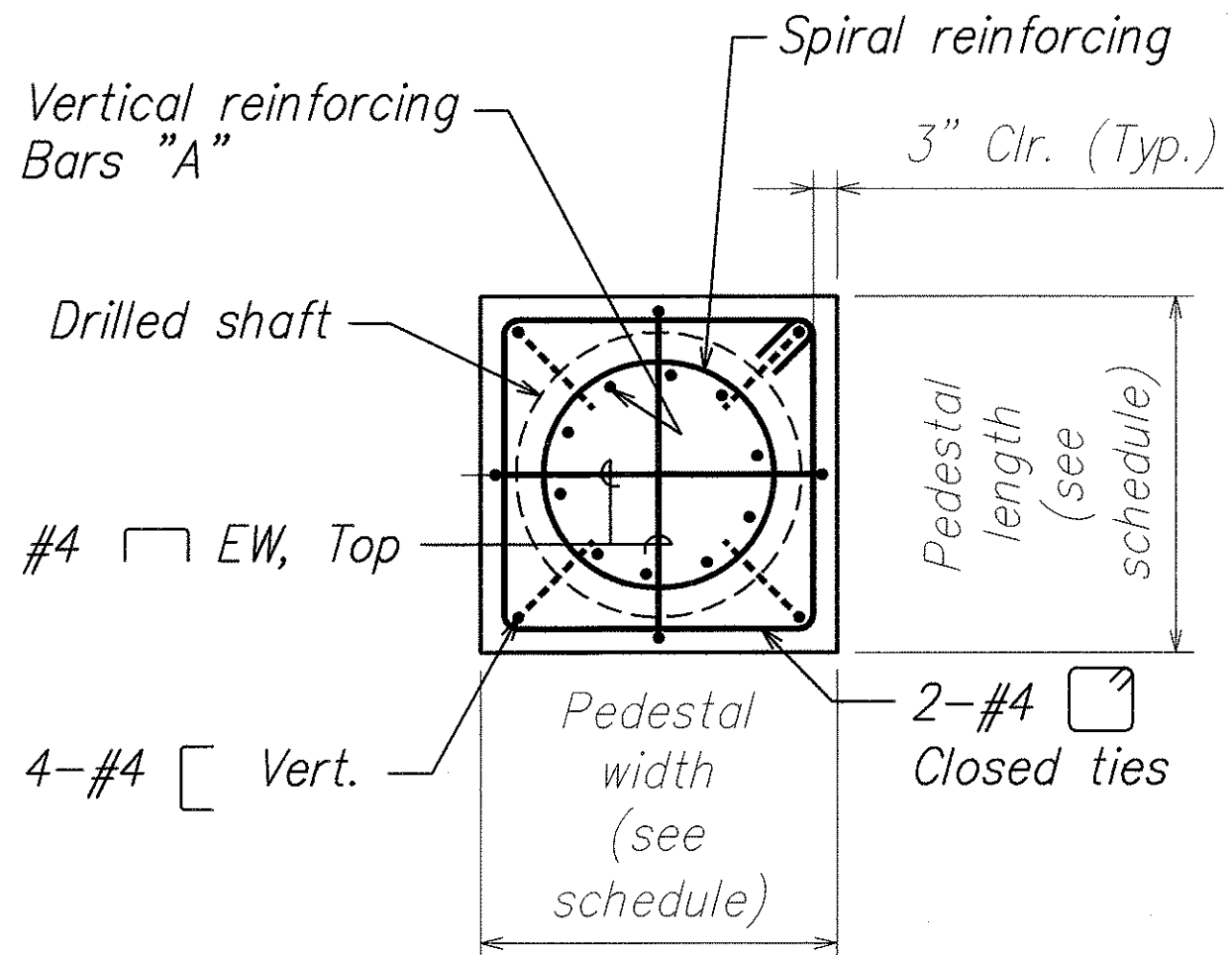
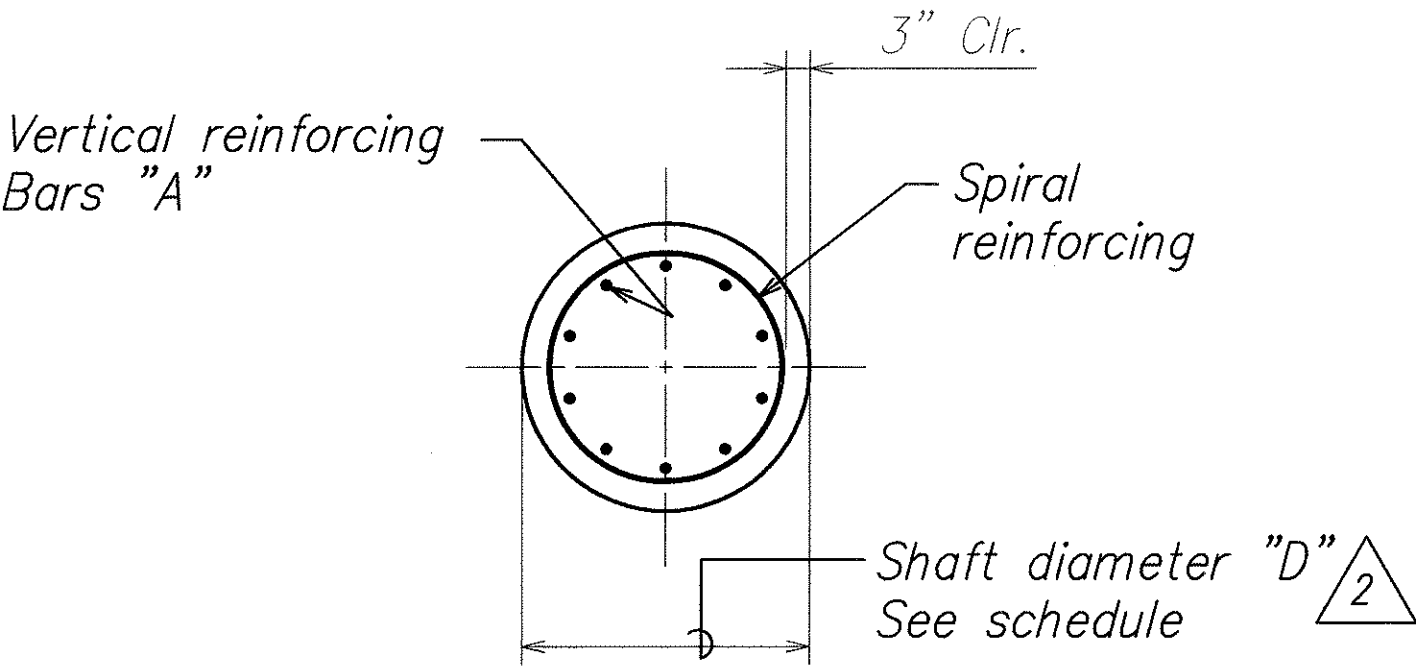
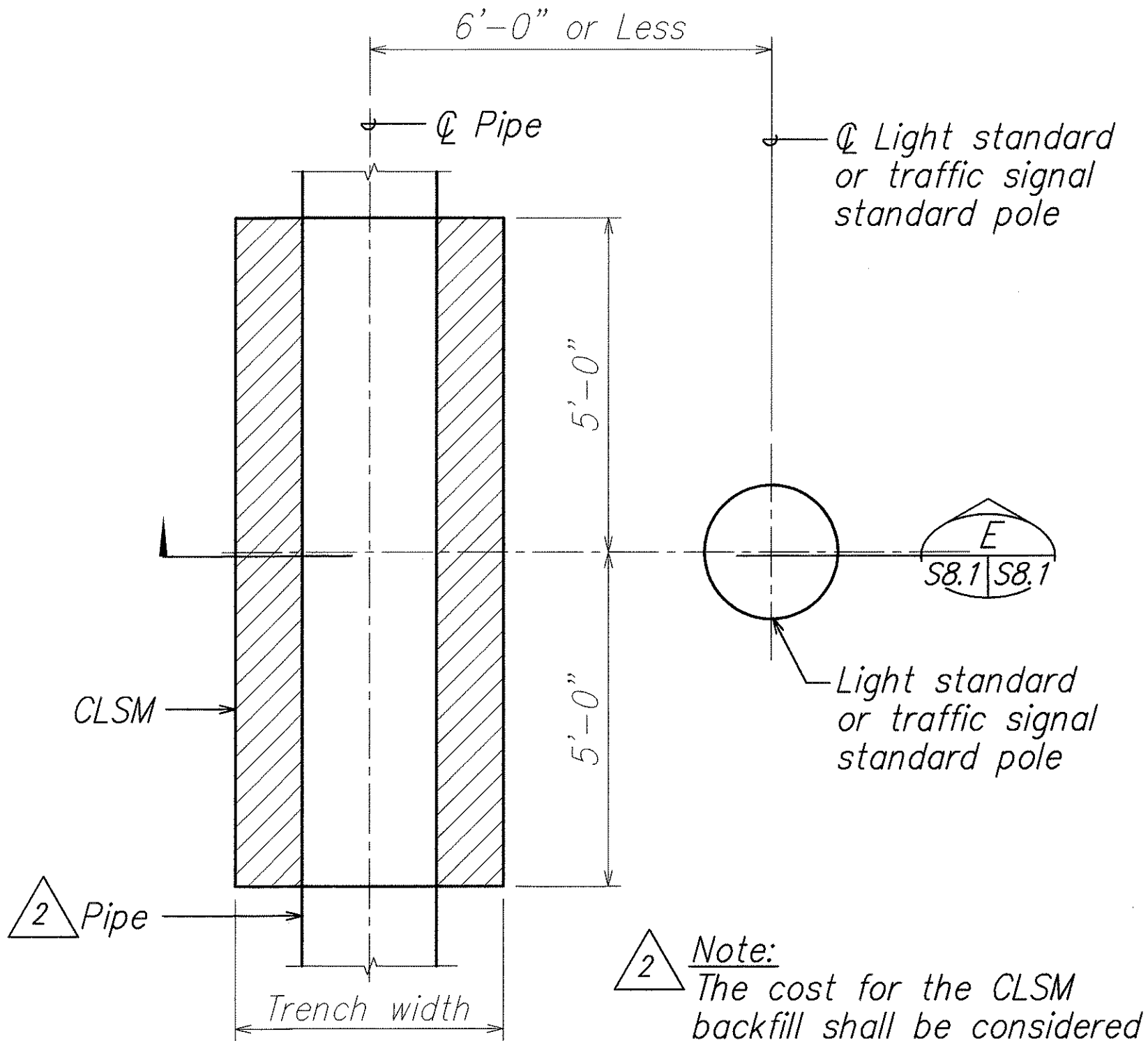


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	ADD. 254	331

NOTES:

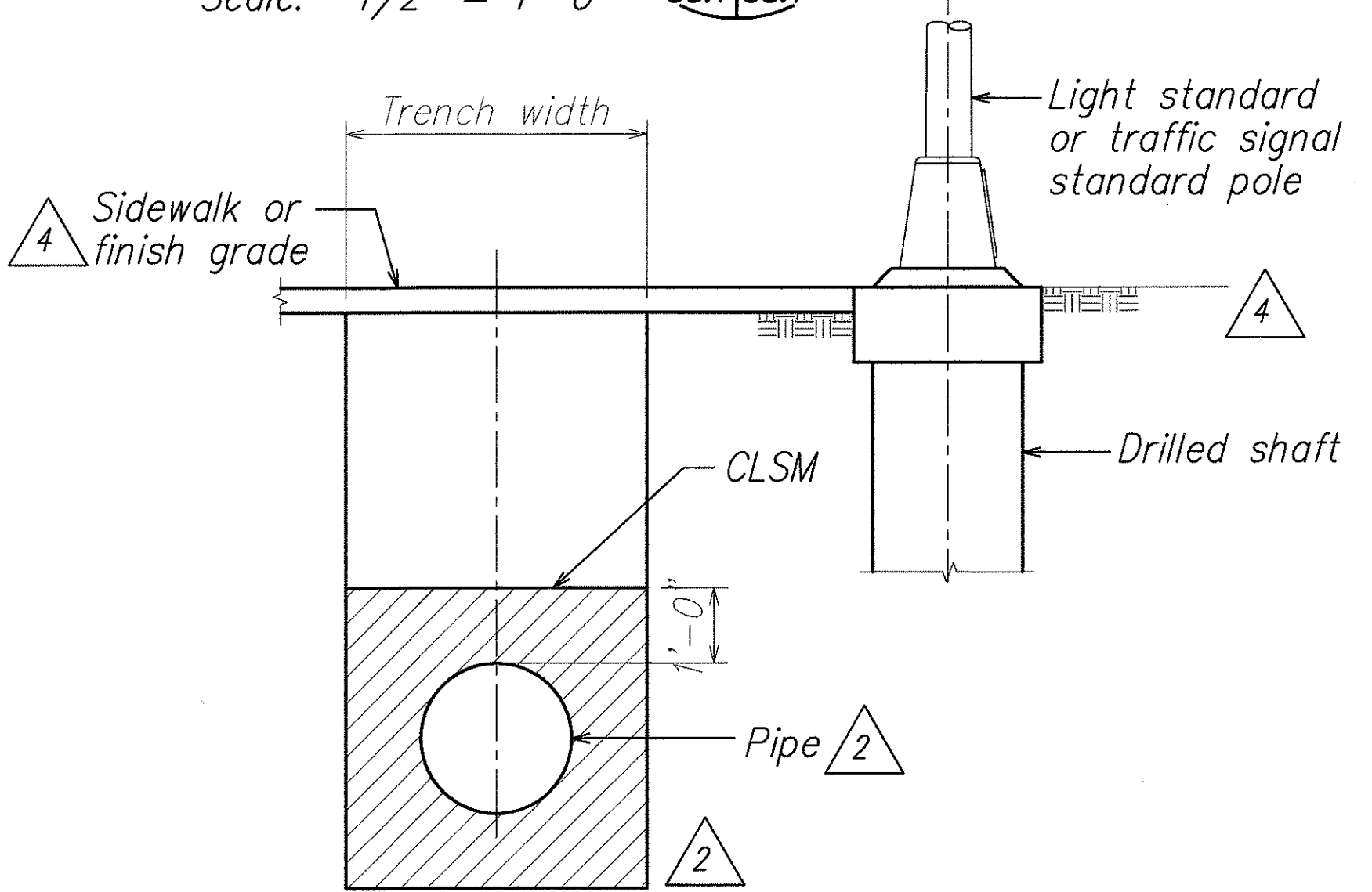
- See Electrical drawings for additional details.
- Pipe location may be on either side of light pole center line.
- When clear distance between the underground pipe and the drilled shaft is a minimum of 1'-0", and the centerline of pipe is less than 6'-0" away from centerline of light pole see sections D/S8.1 & E/S8.1. When clear distance between the underground pipe and the shaft is less than 1'-0", offset the drilled shaft (see sheet S8.2A) or construct 2 shaft foundation (see sheet S8.2).
- See Civil drawings for typical trench details.

DRILLED SHAFT SCHEDULE					
Type of Standard	Shaft Dia. "D" (inches)	Shaft Length "L" (feet)	Vert. Reinf. Bars "A"	Pedestal Length (inches)	Pedestal Width (inches)
2 ≤ 35'-0" High Light Standard w/ 8 Foot Arm	30"	7'-0"	16-#6	36"	36"
2 ≤ 35'-0" High Light Standard w/ 15 Foot Arm	30"	9'-0"	16-#6	36"	36"
Traffic Signal Standard Type II - 30	36"	10'-0"	16-#8	42"	42"
Traffic Signal Standard Type II - 45	36"	14'-0"	16-#8	42"	42"
Traffic Signal Standard Type II - 50	36"	18'-0"	16-#8	42"	42"
Traffic Signal Standard Type II - 55	36"	20'-0"	16-#8	42"	42"



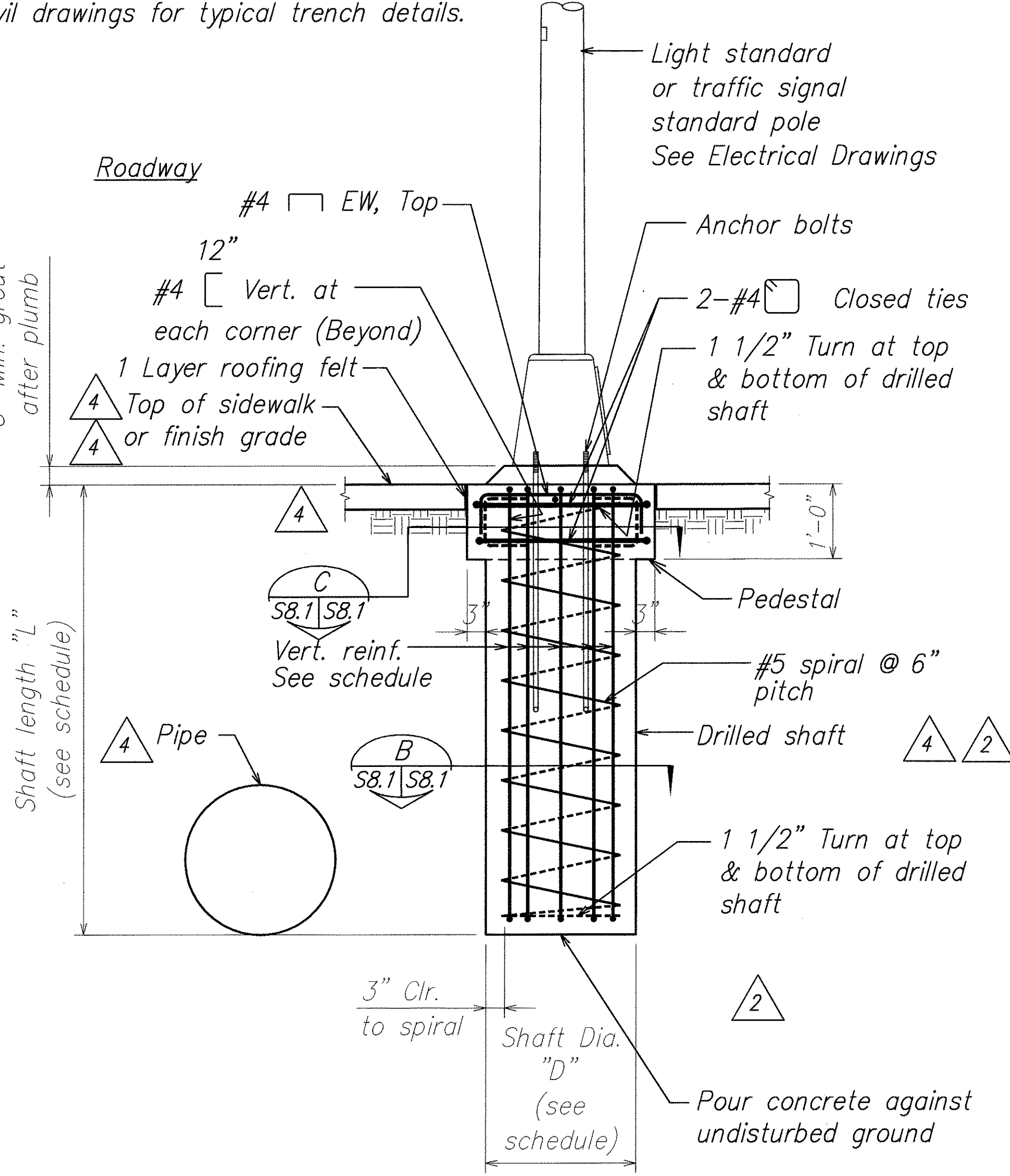
SECTION C

Scale: 3/4" = 1'-0"



SECTION E

Scale: 1/2" = 1'-0"



TYPICAL SINGLE SHAFT LIGHT OR TRAFFIC SIGNAL STANDARD POLE FOUNDATION

Scale: 3/4" = 1'-0"

DATE	REVISION
5/11/07	4 Revised Drawings and Notes
5/11/07	2 Revised Drawings and Notes

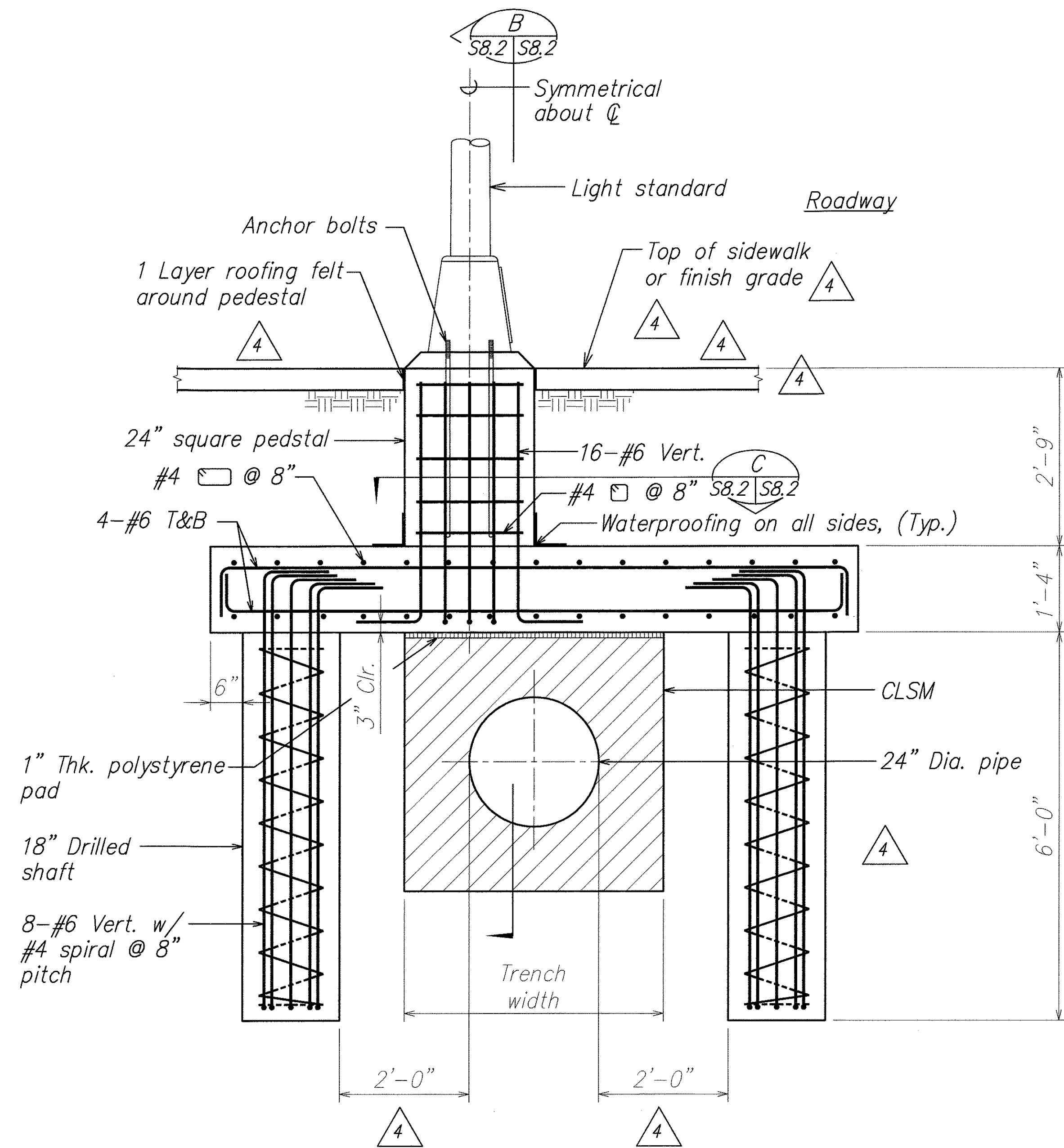
DAVID K. FUJIMURA
 LICENSED PROFESSIONAL ENGINEER
 NO. 8104-S
 HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

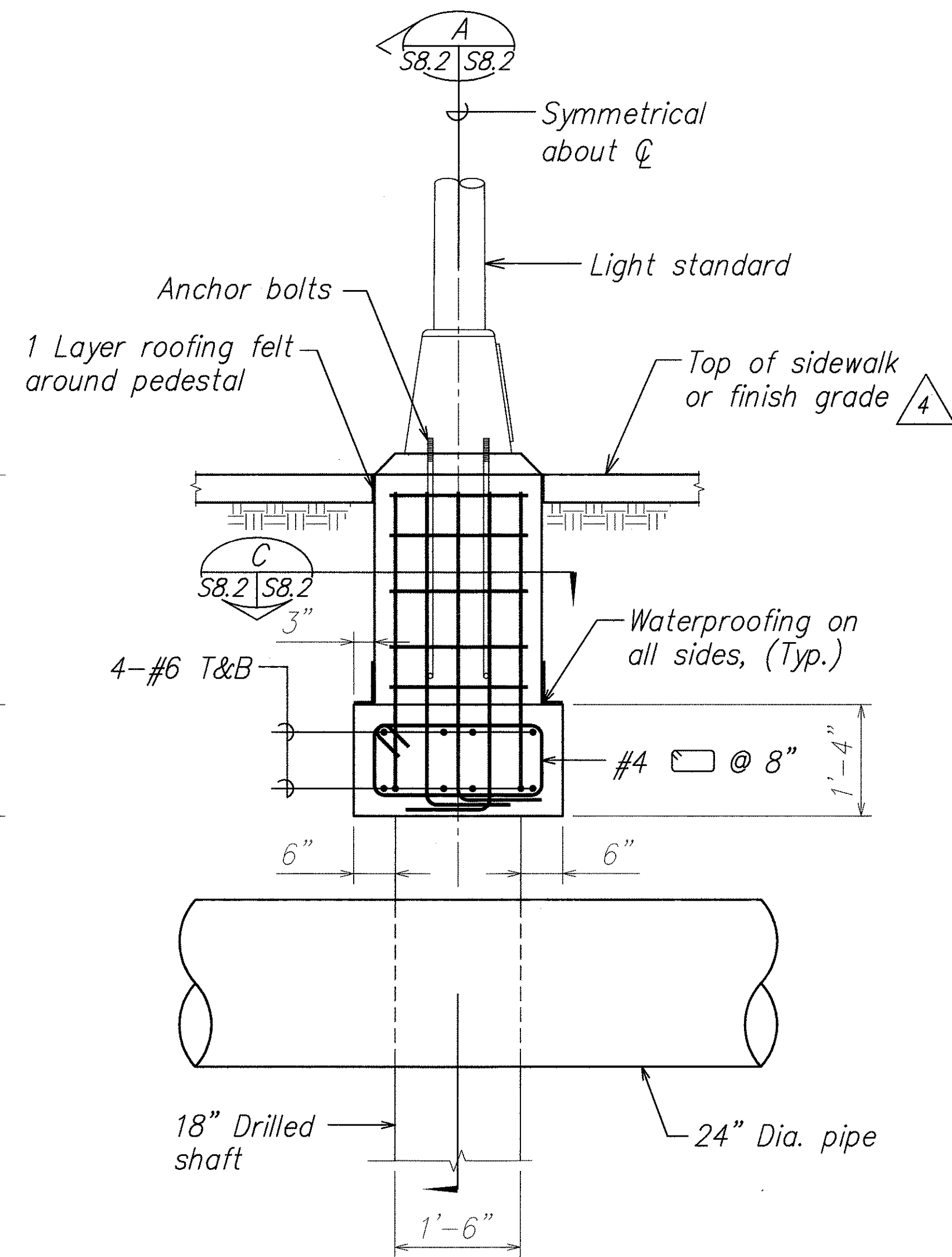
Signature: David K. Fujimura
 Expiration Date of License: 4-30-08

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
TYPICAL LIGHT OR TRAFFIC SIGNAL STANDARD POLE FOUNDATION
 North-South Road
 Phase 1B
 F.A.I. Proj. No. STP-8930(2)
 Scale: As Noted Date: Feb. 21, 2007
 SHEET No. S8.1 OF 78 SHEETS

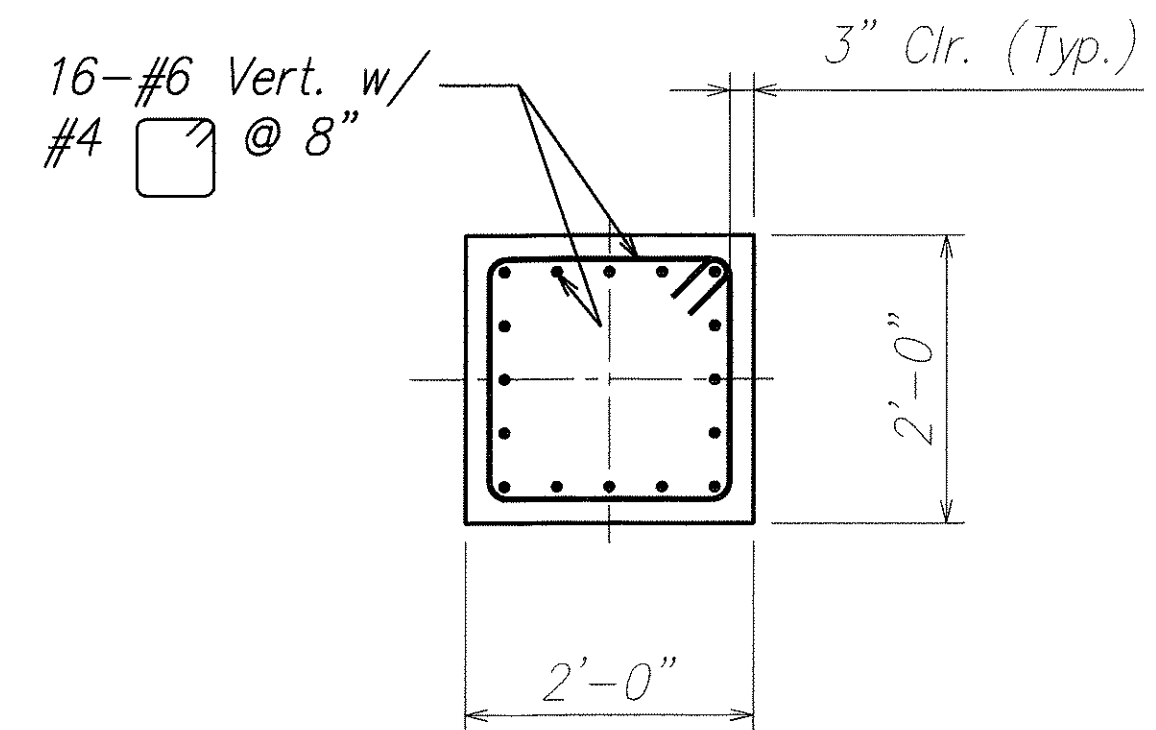
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	ADD. 255	331



SECTION OVER PIPE A
Scale: $3/4" = 1'-0"$ S8.2 S8.2

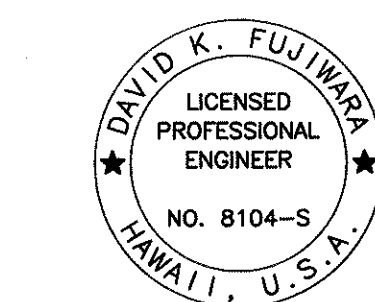


SECTION B
Scale: $3/4" = 1'-0"$ S8.2 S8.2



SECTION C
Scale: $3/4" = 1'-0"$ S8.2 S8.2

NOTE:
See Electrical plans for location of 2 shaft foundation and additional details.



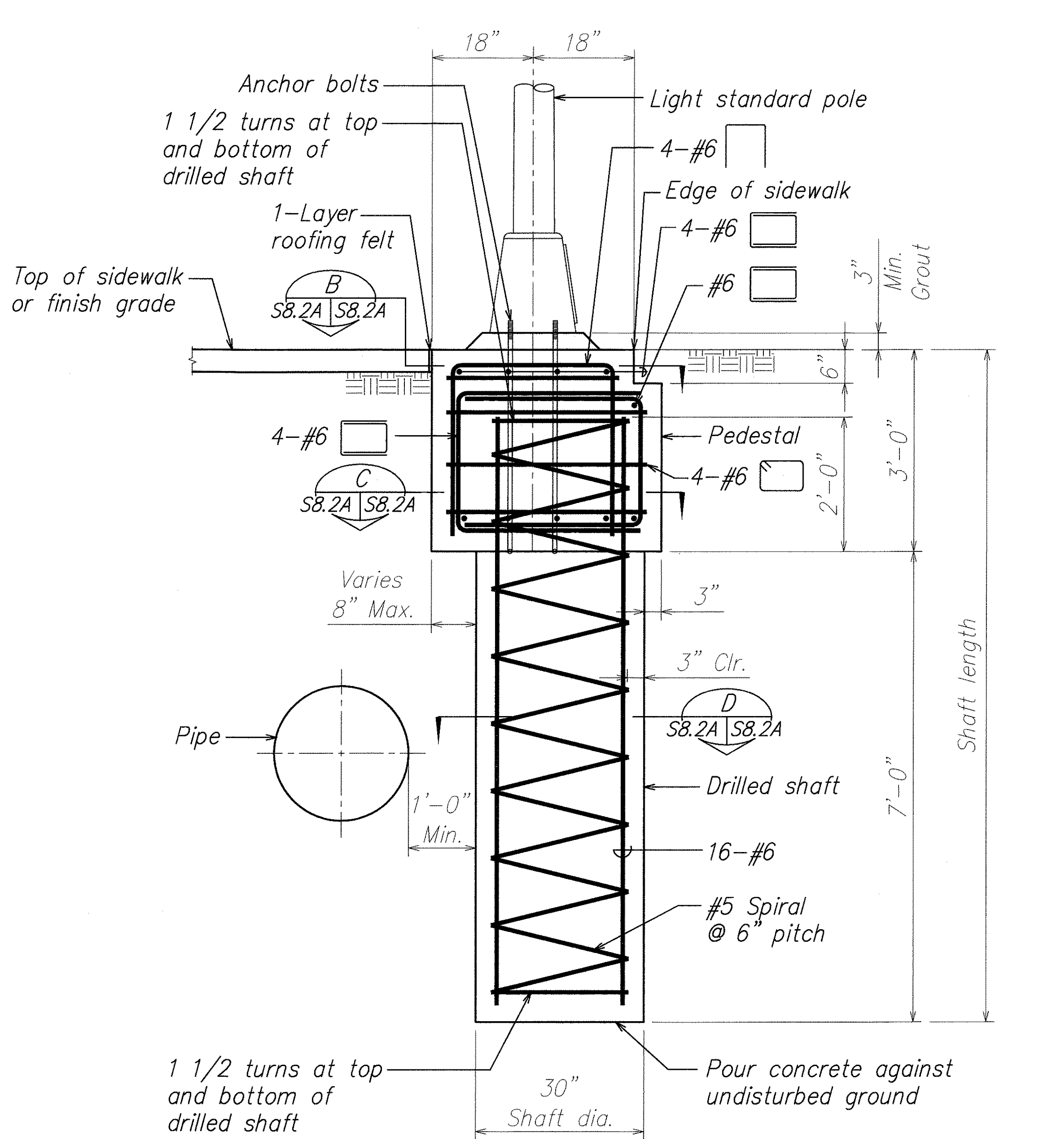
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: *David K. Fujiwara*
EXPIRATION DATE OF THE LICENSE: 4-30-08

5/31/07	4	Revised Drawings and Notes
DATE	REVISION	
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <u>TYPICAL LIGHT OR TRAFFIC</u> <u>SIGNAL STANDARD POLE FOUNDATION</u> <u>North-South Road</u> <u>Phase 1B</u> <u>F.A.I. Proj. No. STP-8930(2)</u> Scale: As Noted Date: Feb. 21, 2007		
SHEET No. S8.2 OF 78 SHEETS		

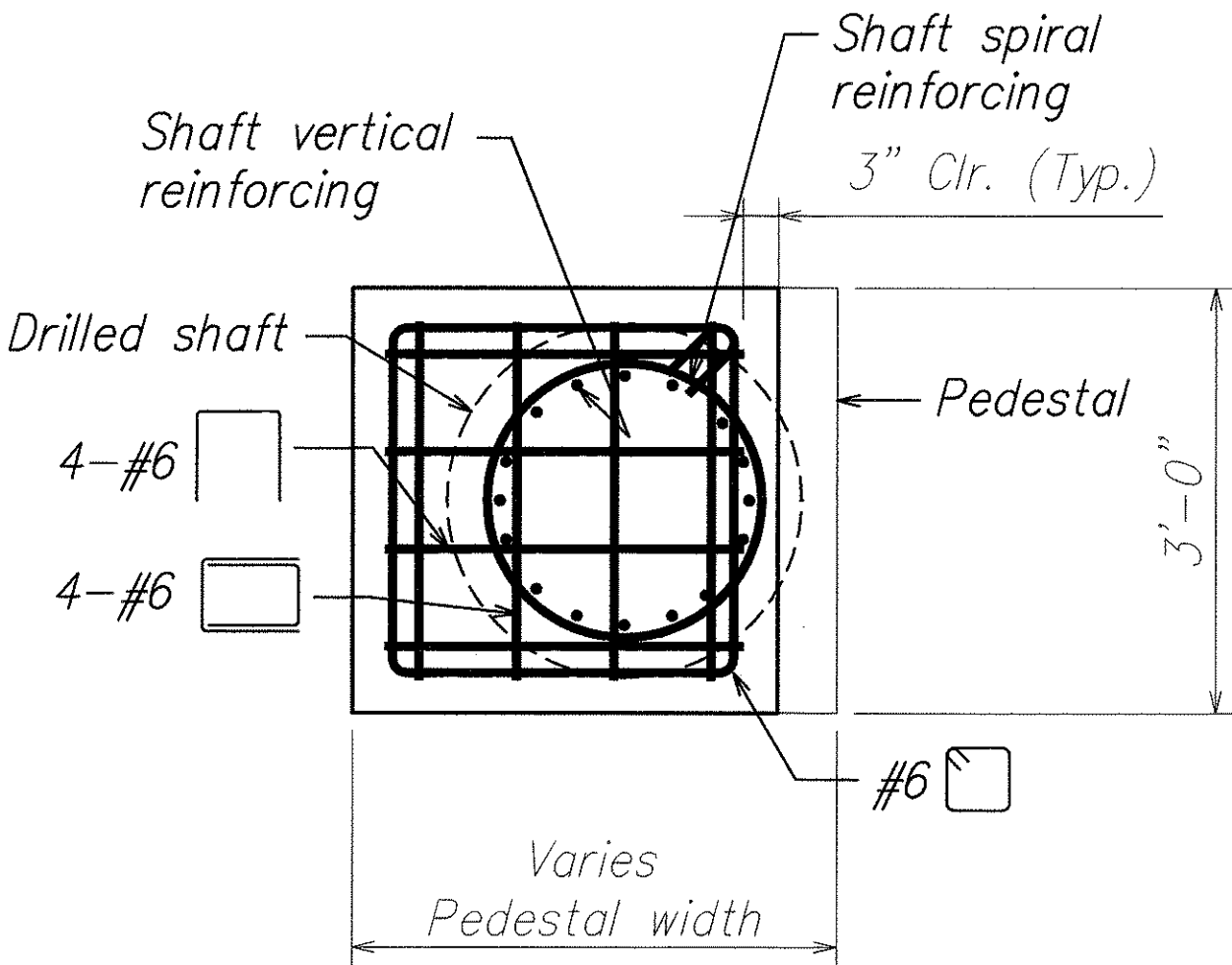
DESIGNED BY	DATE
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	ADD. 255S-1	331

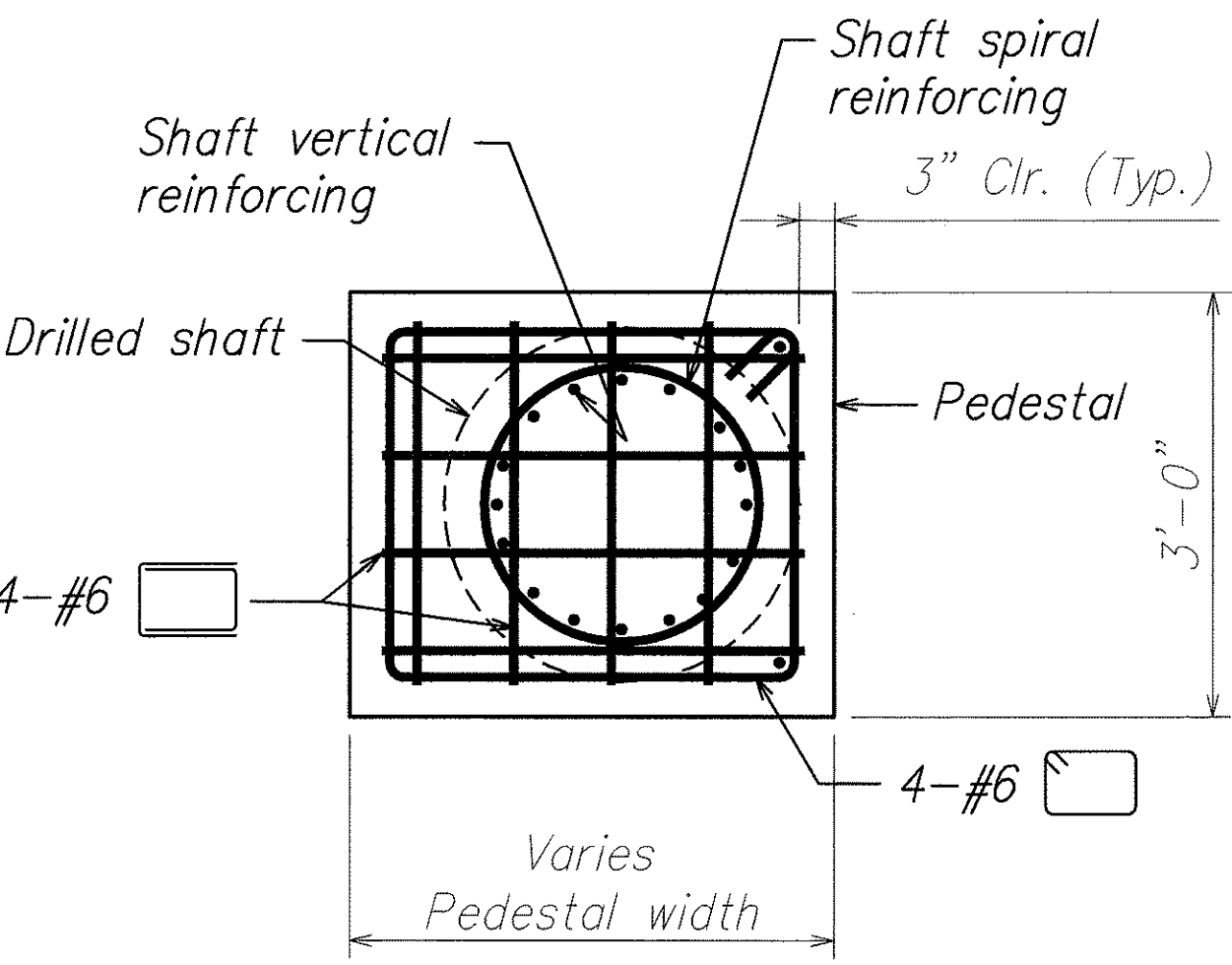


LIGHT POLE OFFSET FOUNDATION SECTION
Scale: 3/4" = 1'-0" A
S8.2A S8.2A

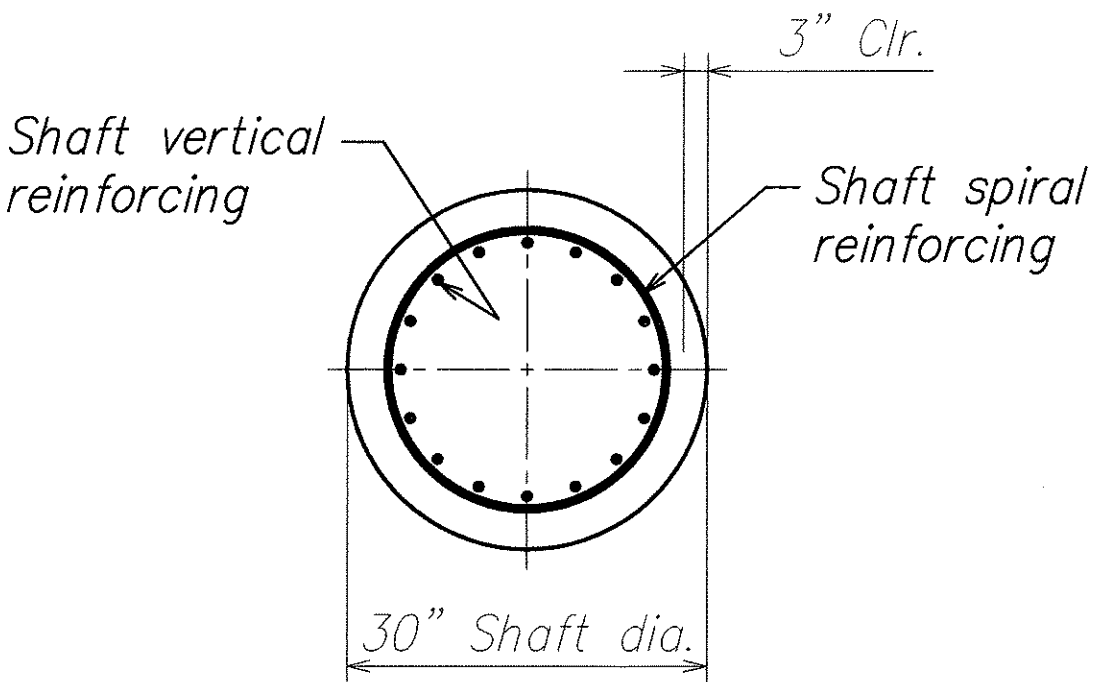
NOTE:
See Electrical plans for location of offset shaft foundation and additional details.



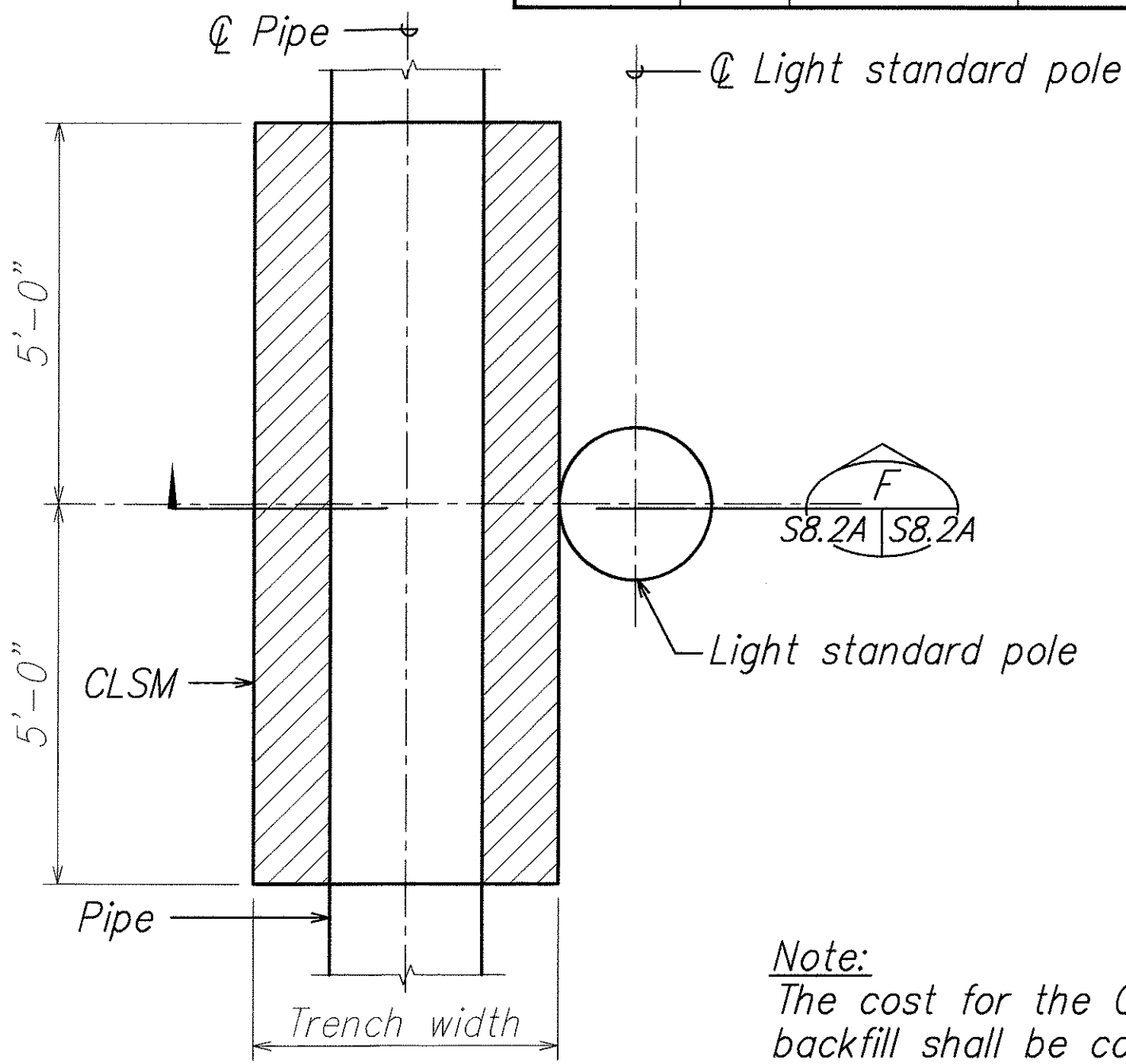
SECTION B
Scale: 3/4" = 1'-0" B
S8.2A S8.2A



SECTION C
Scale: 3/4" = 1'-0" C
S8.2A S8.2A

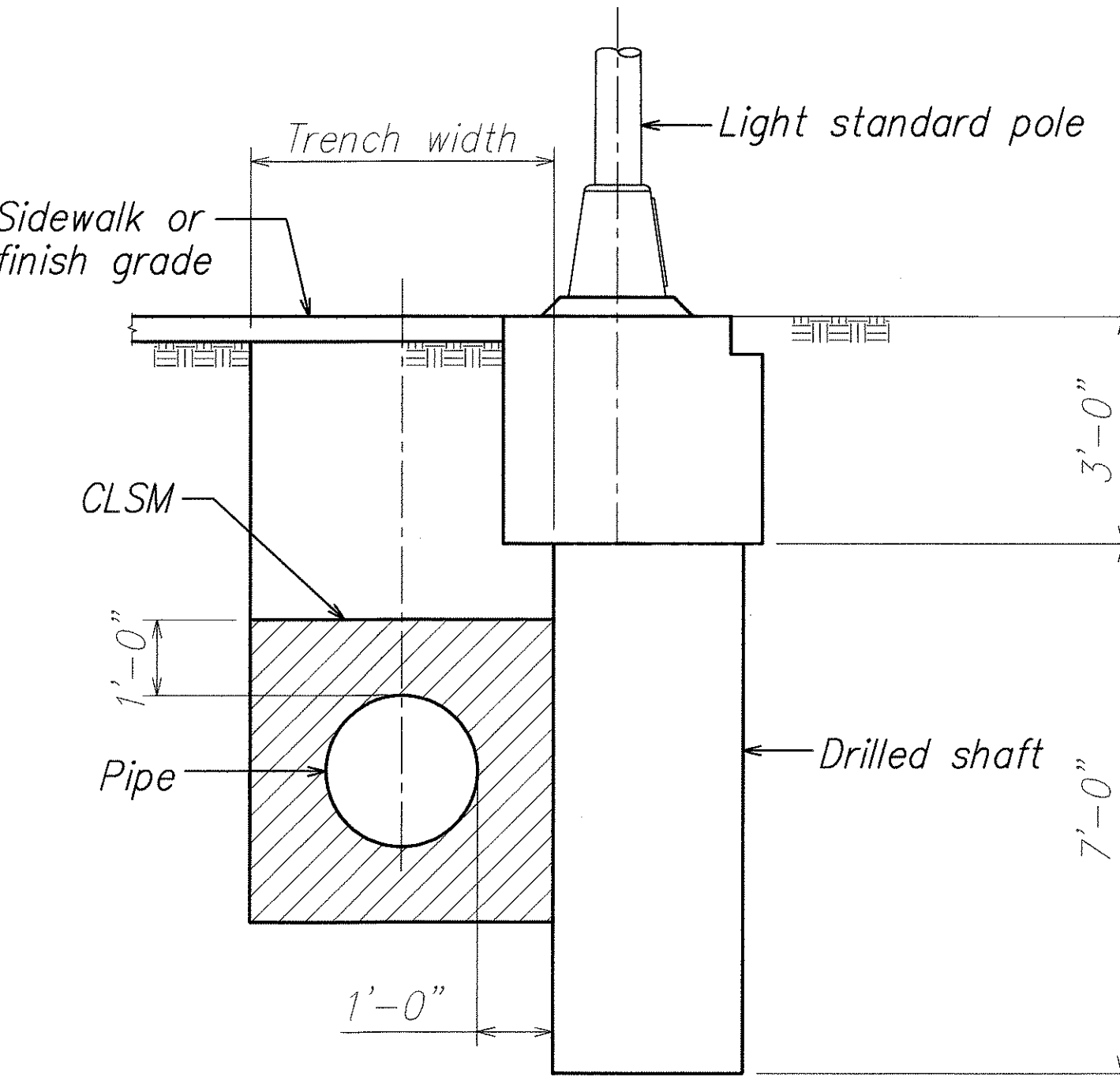


SECTION D
Scale: 3/4" = 1'-0" D
S8.2A S8.2A



PLAN E
Scale: 1/2" = 1'-0" E
S8.2A S8.2A

Note:
The cost for the CLSM backfill shall be considered incidental to the cost to the drilled shaft.



SECTION F
Scale: 1/2" = 1'-0" F
S8.2A S8.2A

ORIGINAL PLAN	DATE
NO. 1	
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NO. 98	
NO. 99	
NO. 100	

5/31/07	4 New Sheet
DATE	REVISION

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
David K. Fujiwara
LICENS
PROFESSIONAL ENGINEER
NO. 8104-S
HAWAII, U.S.A.
SIGNATURE
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
LIGHT POLE OFFSET FOUNDATION SECTIONS
North-South Road
Phase 1B
F.A.I. Proj. No. STP-8930(2)
Scale: As Noted Date: Feb. 21, 2007
SHEET No. S8.2A OF 78 SHEETS

ADD. 255S-1