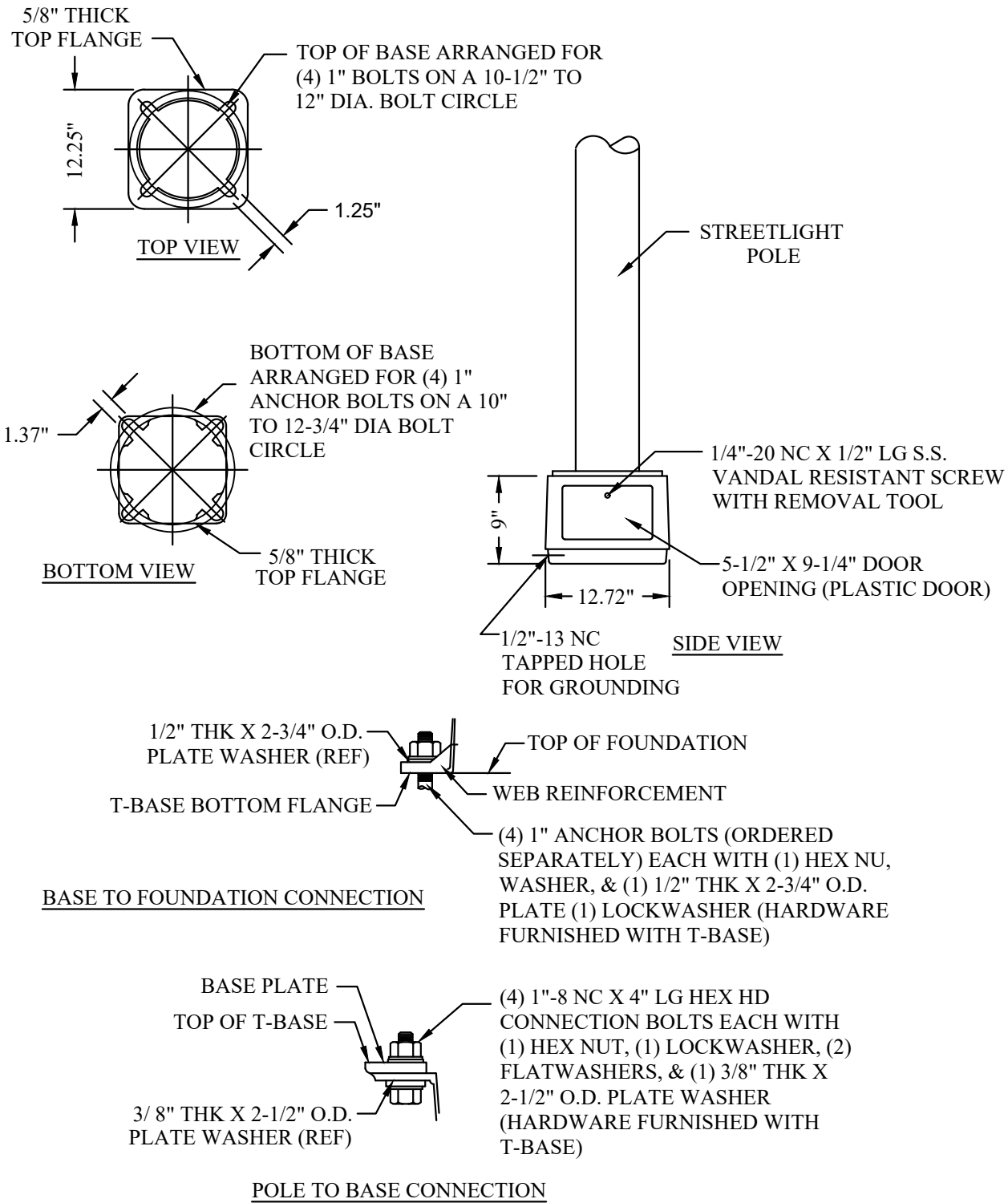


1918

BREAKAWAYS AND FOUNDATIONS

CONTAINS

- 1918-28 BREAKAWAY 25FT/30FT 9INCH TALL
- 1918-30 BREAKAWAY 25/30FT
- 1918-40 BREAKAWAY 35/45FT
- 1918-50 FOUNDATION 25/30FT
- 1918-51 FOUNDATION 35/45FT
- 1918-52 SMALL SHALLOW FOUNDATION
- 1918-53 LARGE SHALLOW FOUNDATION

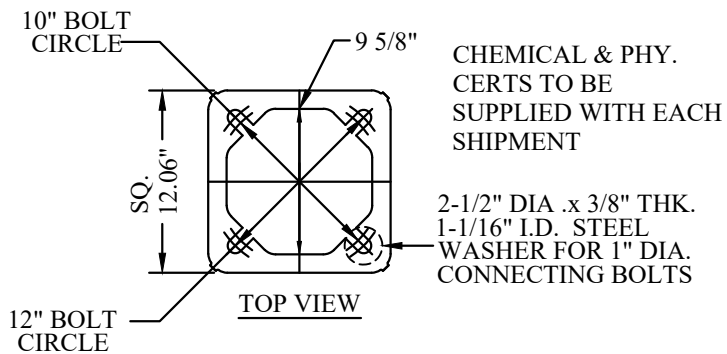


CU-REF	CU-ID	CU-DESCRIPTION
19182801	BRKAWYBS9INBLK25/30FTPOLE	BREAKAWAY BASE 9" TALL BLK FOR 25/30FT
19182803	BRKAWYBS9INBRN25/30FTPOLE	BREAKAWAY BASE 9" TALL BRN FOR 25/30FT

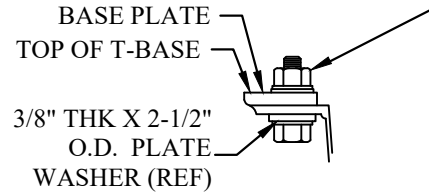
BREAKAWAYS AND FOUNDATIONS

BREAKAWAY 25/30FT

*ALL WASHERS TO BE ZINC MECHANICAL
COATED PER ASTM B 695-85, CLASS 50

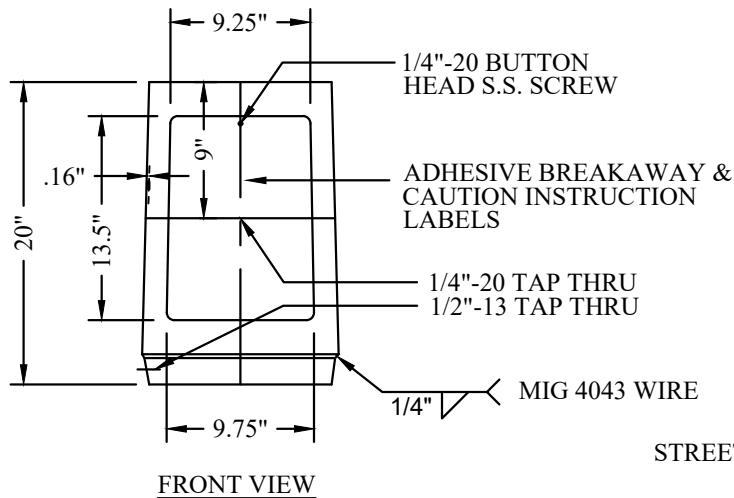


(4) 1"-8NC X 4" LG HEX HD
CONNECTION BOLTS EACH WITH
(1) HEX NUT, (1) LOCKWASHER, (2)
FLAT WASHERS, & (1) 3/8" THK X
2-1/2" O.D. PLATE WASHER
(HARDWARE FURNISHED WITH
T-BASE)

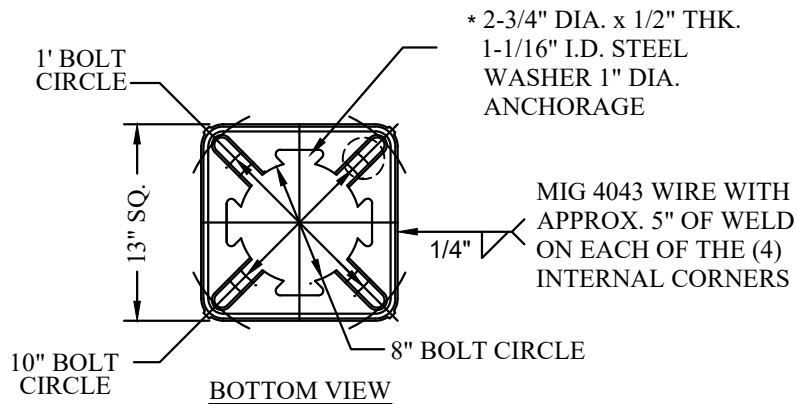


GROUND SCREW HOLE -INSTALL GROUNDING LUG
IN GROUND SCREW HOLE.

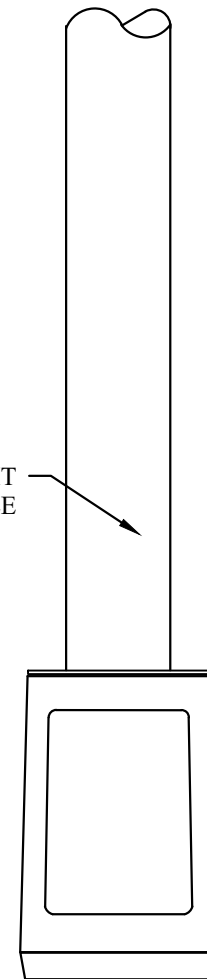
POLE TO BASE CONNECTION



STREETLIGHT
POLE



SMALL ALUMINUM
BREAK-AWAY BASE



SIDE VIEW

CU-REF	CU-ID	CU-DESCRIPTION
19183001	BRKAWYBS20INGRAY30FTPOLE	BREAKAWAY BASE 20 IN GRAY FOR 30FT POLE
19183002	BRKAWYBS20INBLK30FTPOLE	BREAKAWAY BASE 20 IN BLK FOR 30 FT POLE
19183003	BRKAWYBS20INBRN30FTPOLE	BREAKAWAY BASE 20 IN BRN FOR 30 FT POLE
19183004	BRKAWYBS20INGRN30FTPOLE	BREAKAWAY BASE 20 IN GRN FOR 30 FT POLE

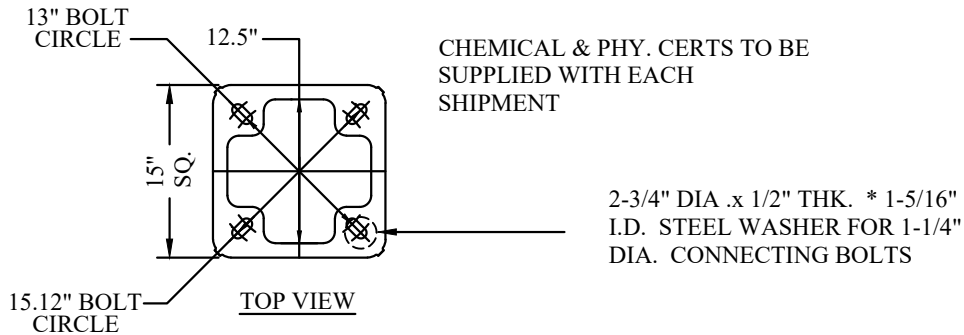
BREAKAWAYS AND FOUNDATIONS

BREAKAWAY 35/45FT

REV_DATE:

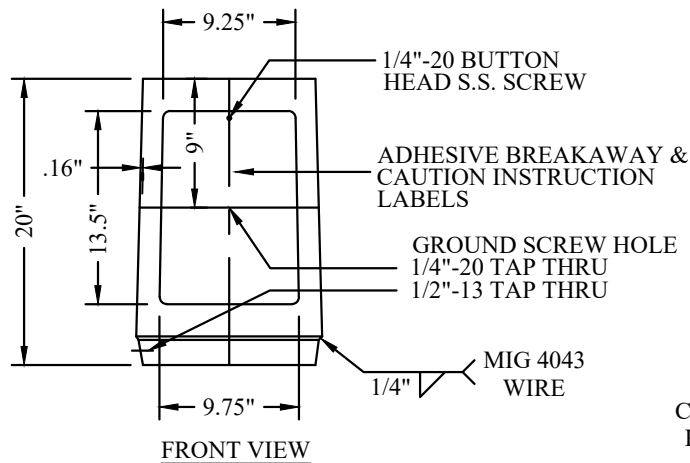
9/10/26

*ALL WASHERS TO BE ZINC MECHANICAL
COATED PER ASTM B 695-85, CLASS 50

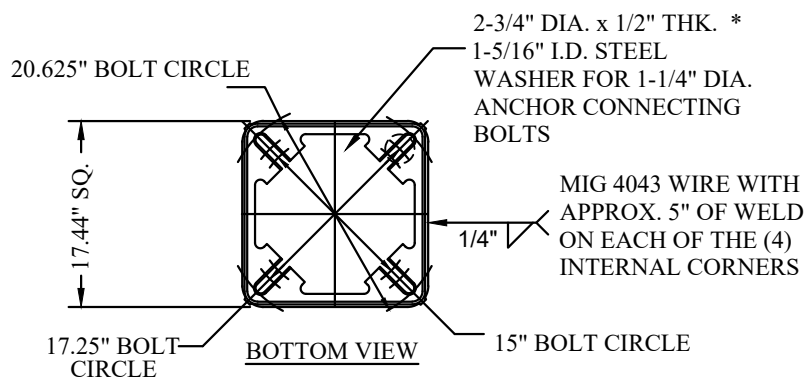


CHEMICAL & PHY. CERTS TO BE
SUPPLIED WITH EACH
SHIPMENT

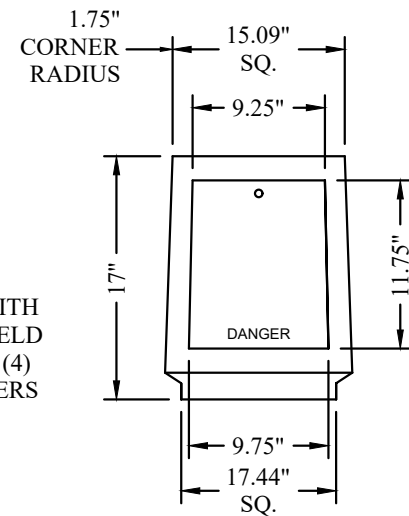
2-3/4" DIA .x 1/2" THK. * 1-5/16"
I.D. STEEL WASHER FOR 1-1/4"
DIA. CONNECTING BOLTS



INSTALL GROUNDING LUG IN GROUND SCREW HOLE

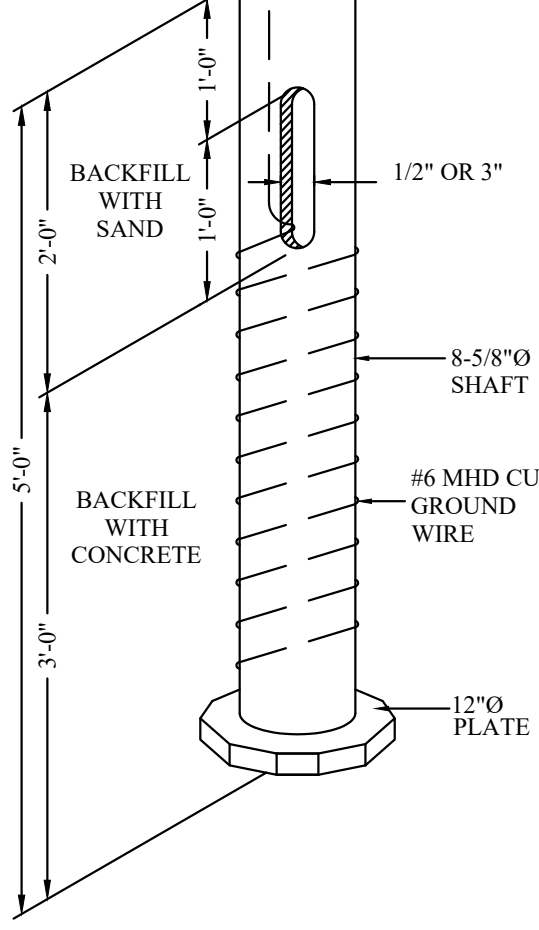
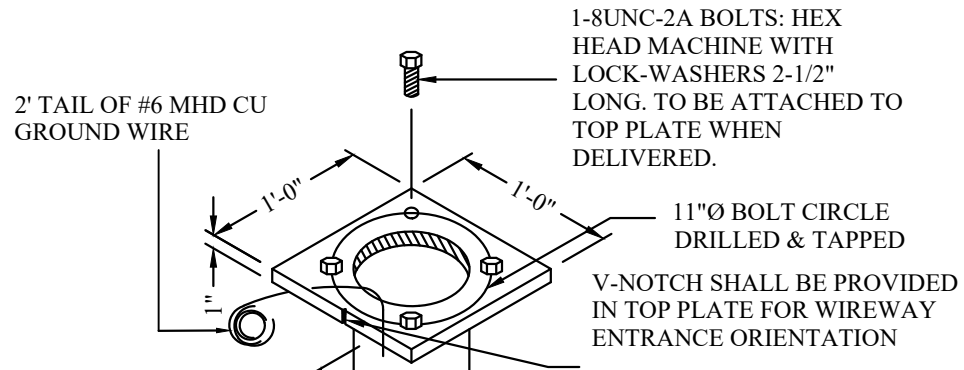


LARGE ALUMINUM
BREAKAWAY BASE



LARGE ALUMINUM
BREAKAWAY BASE

CU-REF	CU-ID	CU-DESCRIPTION
19184001	BRKAWYBS20INGRAY45FTPOLE	BREAKAWAY BASE 20 IN GRAY FOR 45 FT POLE
19184002	BRKAWYBS20INBLK45FTPOLE	BREAKAWAY BASE 20 IN BLK FOR 45 FT POLE
19184003	BRKAWYBS20INBRN45FTPOLE	BREAKAWAY BASE 20 IN BRN FOR 45 FT POLE
19184004	BRKAWYBS20INGRN45FTPOLE	BREAKAWAY BASE 20 IN GRN FOR 45 FT POLE



SMALL STREETLIGHT FOUNDATION
(FOR 25'-30'-35' POLES)

NOTES:

1. MATERIAL: HOT DIP GALVANIZED STEEL.
2. ALL WELDED SEAMS SHALL BE CONTINUOUS.
3. BOLTS SHALL BE INSTALLED IN CONNECTION PLATE WITH BOLT HEAD UP.
4. FOUNDATION PIER MAY BE CIRCULAR OR OCTAGONAL.
5. CORE DRILL HOLES 18".
6. SET FOUNDATION BEHIND CURB PER CONSTRUCTION PRINT DETAIL.
7. SET TOP PLATE OF FOUNDATION 1/4" RISER FROM TOP OF CURB IN R.O.W.
8. INSTALL BELL ENDS FLUSH WITH TOP PLATE.
9. INSTALL CONCRETE AROUND BASE FROM BOTTOM OF CORE DRILL HOLE TO BOTTOM OF PIPE WINDOW. CONCRETE SHALL BE 5 SACK, CLASS A, 3/4" TO 1-1/2" AGGREGATE.
10. FILL INSIDE BASE WITH SAND TO TOP PLATE.
11. WRAP FOUNDATION WITH 25' OF #6 MHD SOLID COPPER. INSERT #6 THROUGH CONDUIT WINDOW AND LEAVE 24" ABOVE TOP PLATE OF FOUNDATION.

CU-REF	CU-ID	CU-DESCRIPTION
19185001A	FNDSTLPL25/30FTHDWA	FND STL POLE 25/30 FT HAND DIG EAST
19185001B	FNDSTLPL25/30FTHDW	FND STL POLE 25/30 FT HAND DIG WEST
19185001C	FNDSTLPL25/30FTMDE	FND STL POLE 25/30 FT MACHINEDIG EAST
19185001D	FNDSTLPL25/30FTMDW	FND STL POLE 25/30 FT MACHINEDIG WEST

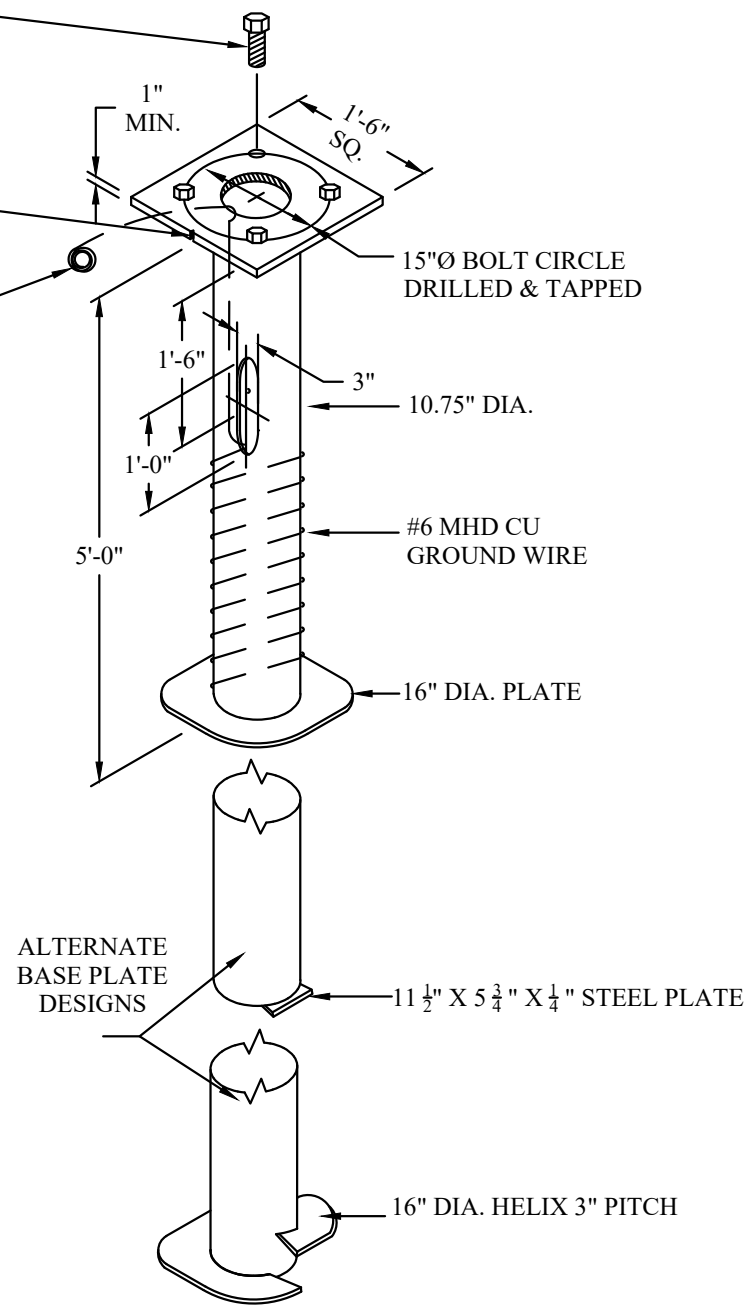
1-1/4 IN -7UNC-2A BOLTS:
HEX HEAD MACHINE WITH
LOCK-WASHERS 3" LONG. TO
BE ATTACHED TO TOP
PLATE WHEN DELIVERED.

V-NOTCH SHALL BE
PROVIDED IN TOP PLATE
FOR WIREWAY
ENTRANCE
ORIENTATION

2' TAIL OF #6 CU
MHD GROUND
WIRE

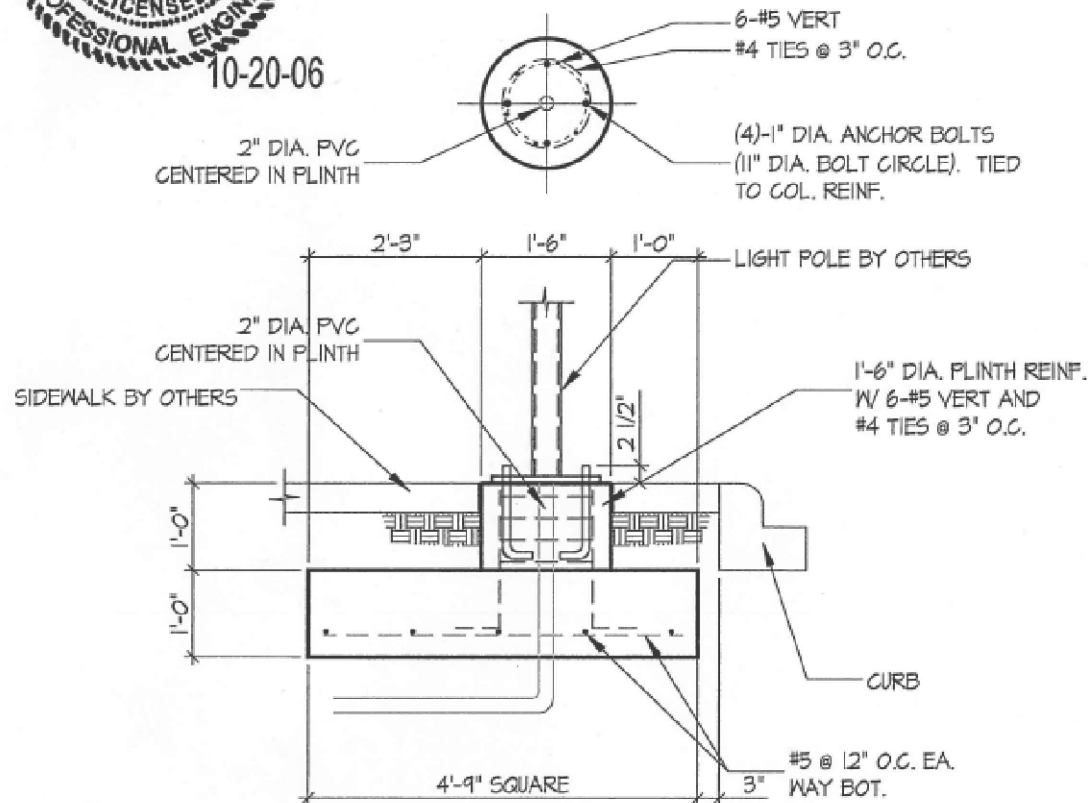
NOTES:

1. MATERIAL: HOT DIP GALVANIZED STEEL.
2. ALL WELDED SEAMS SHALL BE CONTINUOUS.
3. BOLTS SHALL BE INSTALLED IN CONNECTION PLATE WITH BOLT HEAD UP.
4. FOUNDATION PIER MAY BE CIRCULAR OR OCTAGONAL.
5. CORE DRILL HOLES 18".
6. SET FOUNDATION BEHIND CURB PER CONSTRUCTION PRINT DETAIL.
7. SET TOP PLATE OF FOUNDATION 1/4" RISER FROM TOP OF CURB IN R.O.W.
8. INSTALL BELL ENDS FLUSH WITH TOP PLATE.
9. INSTALL CONCRETE AROUND BASE FROM BOTTOM OF CORE DRILL HOLE TO BOTTOM OF PIPE WINDOW.
10. FILL INSIDE BASE WITH SAND TO TOP PLATE.
11. WRAP FOUNDATION WITH 25' OF #6 MHD SOLID COPPER. INSERT #6 THROUGH CONDUIT WINDOW AND LEAVE 24" ABOVE TOP PLATE OF FOUNDATION.



LARGE STREETLIGHT FOUNDATION
(FOR 45' POLES)

CU-REF	CU-ID	CU-DESCRIPTION
19185101A	FNDSTLPL35/45FTHTE	FND STL POLE 35/45 FT HAND DIG EAST
19185101B	FNDSTLPL35/45FTHDW	FND STL POLE 35/45 FT HAND DIG WEST
19185101C	FNDSTLPL35/45FTMDE	FND STL POLE 35/45 FT MACHINE DIG EAST
19185101D	FNDSTLPL35/45FTMDW	FND STL POLE 35/45 FT MACHINE DIG WEST



1 LIGHT POLE FOOTING
SCALE: 1/2" = 1'-0"

NOTE: CONCRETE FOR FOUNDATIONS SHALL HAVE NATURAL SAND FINE AGGREGATE AND NORMAL WEIGHT COARSE AGGREGATES CONFORMING TO ASTM C33, TYPE I PORTLAND CEMENT CONFORMING TO ASTM C150, AND A 28 DAY COMPRESSIVE STRENGTH (F'_c) OF 3000 PSI.

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TEXAN SHOAL CREEK
ELY PROPERTIES
AUSTIN, TEXAS

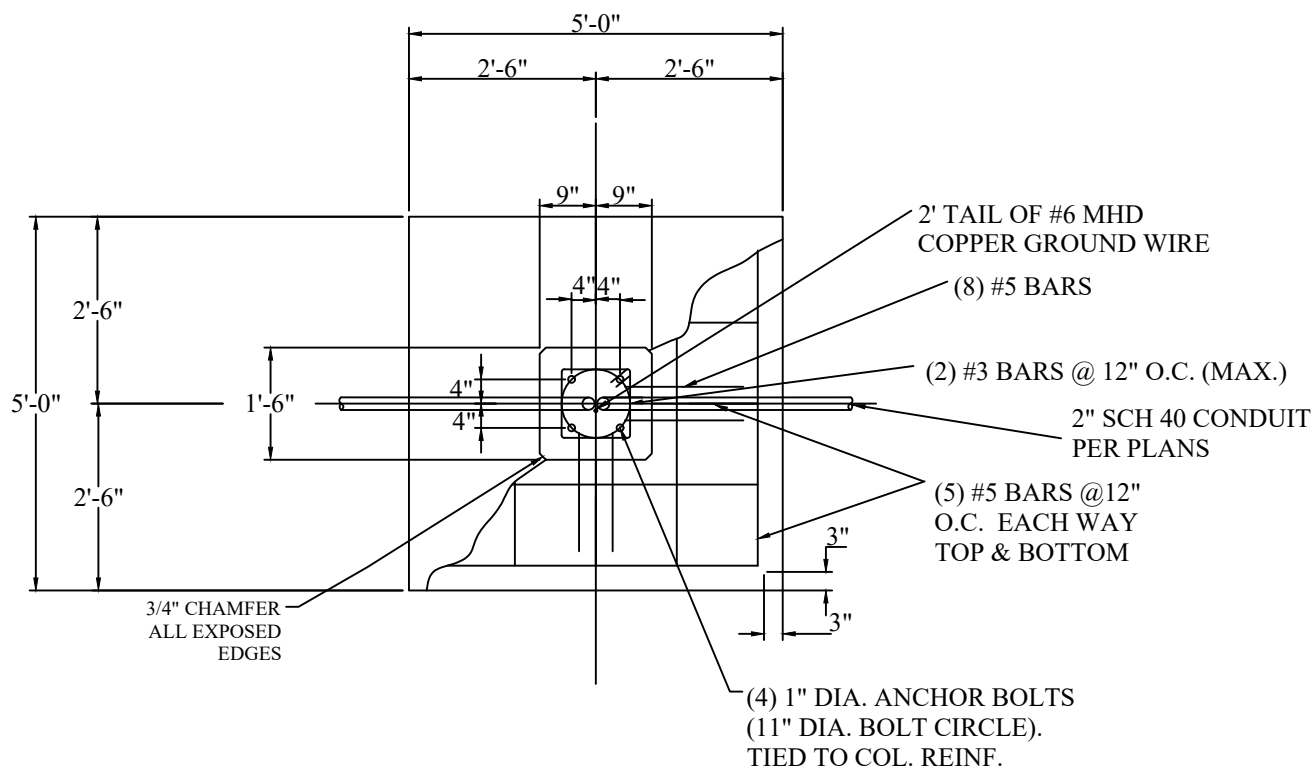
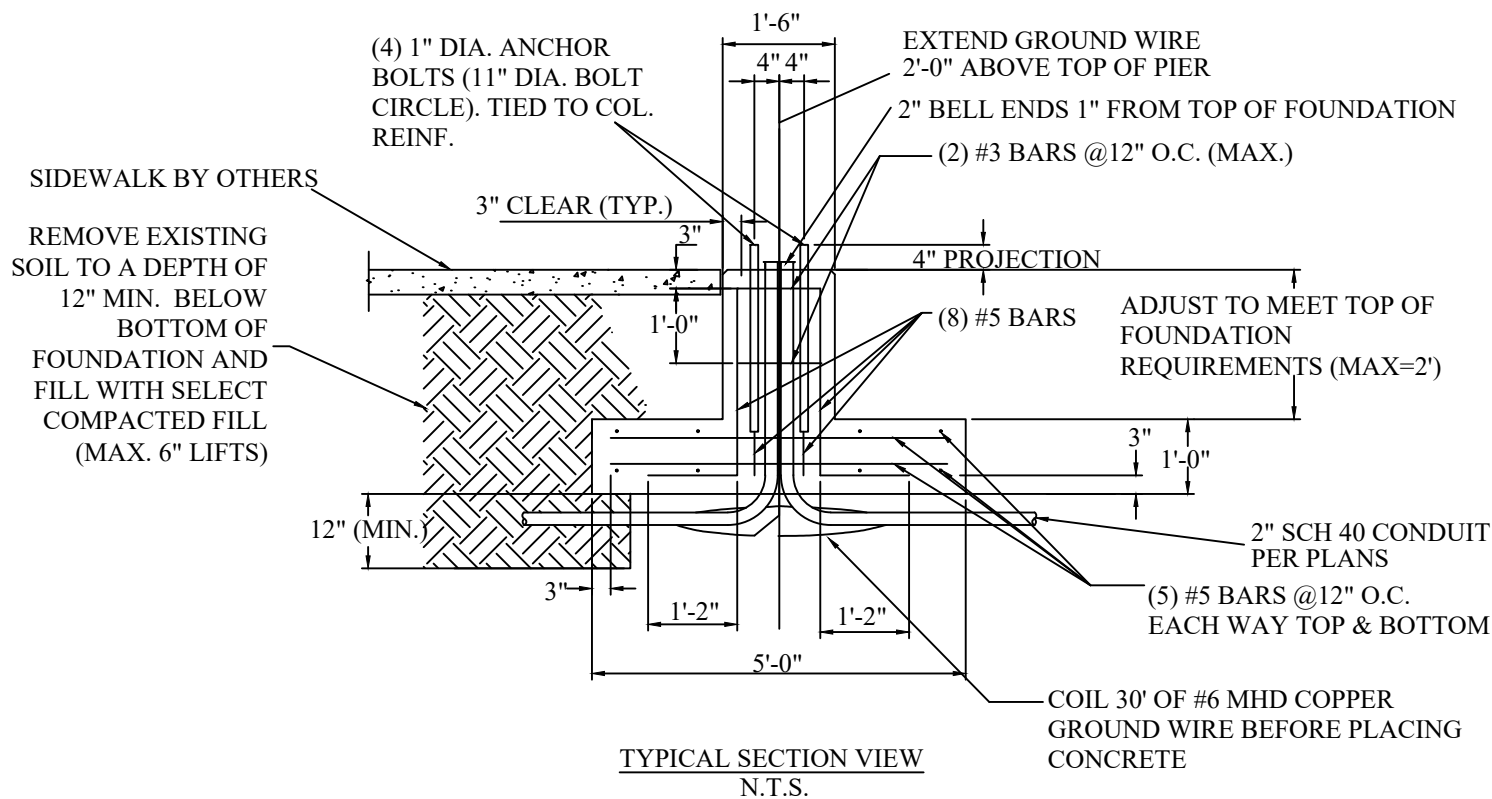
DATE	REVISION	PROJECT NO.	DRAWING NO.
10-20-06		336-003	
SHEET TITLE: LIGHT POLE FOOTING			

SK-1

ILLUMINATION

BREAKAWAYS AND FOUNDATIONS

LARGE SHALLOW FOUNDATION



NOTES:

1. ALL STEEL SHALL BE GRADE 60.
2. CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4000psi AND MEET ALL COA SPECIFICATIONS.
3. FILL SHALL MEET COA SPECIFICATIONS FOR SELECT UNDERSLAB FILL AND BE COMPACTED TO 95% DENSITY.

PLEASE CONSULT WITH AE CIVIL BEFORE USING POUR-IN-PLACE FOUNDATION.