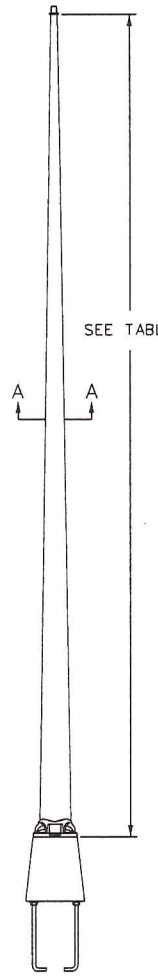
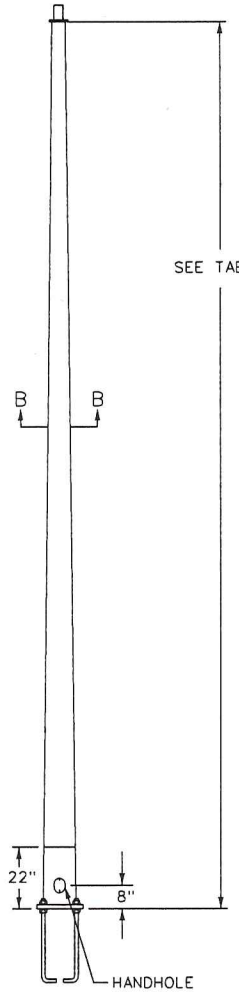


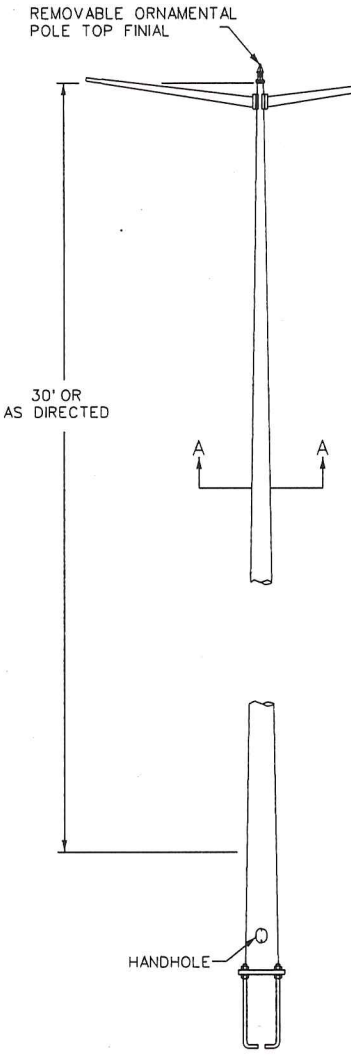
#716 POLE

POLE DATA		
BASE DIA. (IN.)	TOP DIA. (IN.)	LENGTH (FT.)
6.50	4.82	12.00



TWIN 20 SHAFT

POLE DATA		
BASE DIA. (IN.)	TOP DIA. (IN.)	LENGTH (FT.)
8.88	6.50	17.00

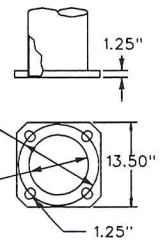


PENDANT POST

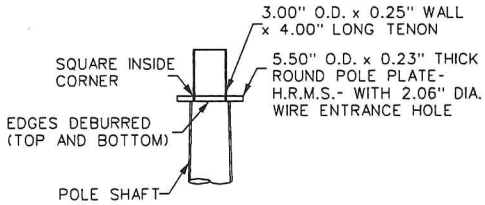
MOUNTING HEIGHT FROM POLE BASE CASTING (FT)	SINGLE ARM SPAN (FT)	TWIN ARM SPANS (FT)	POLE TUBE		
			BASE DIA. (IN)	TOP DIA. (IN)	LENGTH. (FT)
30	6,8,10	6,8,10	8.00	4.01	28.50
30	12,15	12,15	9.50	5.51	28.50

SECTION A-A

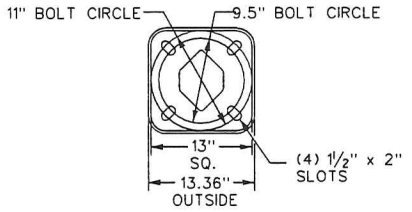
SECTION B-B



TWIN 20 POLE BASE DETAIL

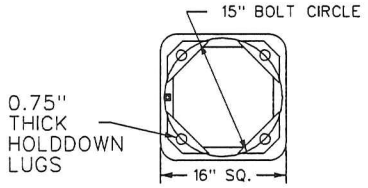


#716 POLE TOP DETAIL



#716 TRANSFORMER BASE DETAIL
TOP VIEW

NOTE: TOP & BOTTOM PLATES ARE 0.75" THICK, SIDE WALLS ARE 7 GA. THICK



#716 TRANSFORMER BASE DETAIL
BOTTOM VIEW

ISSUED: 8/2015	
REVISION	APPROVAL

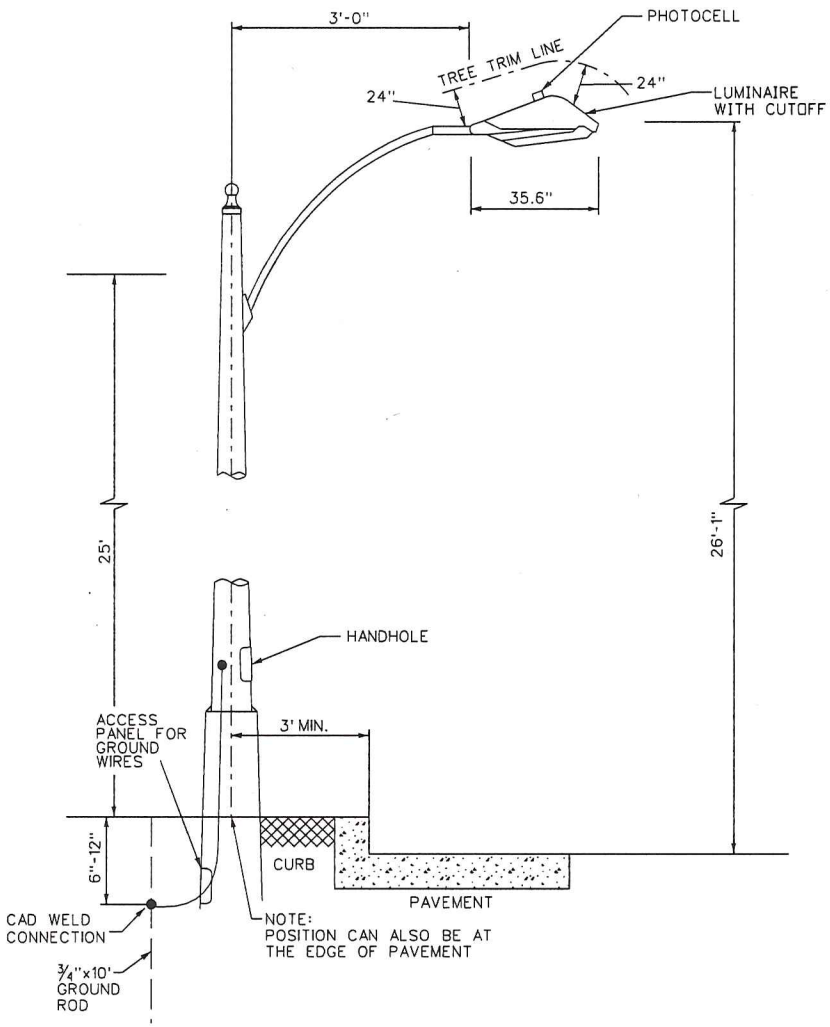
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

STREETLIGHT ANCHOR-MOUNTED POLES

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 614.13



5A STEEL POLE DETAIL

ISSUED: 8/2015	
REVISION	APPROVAL

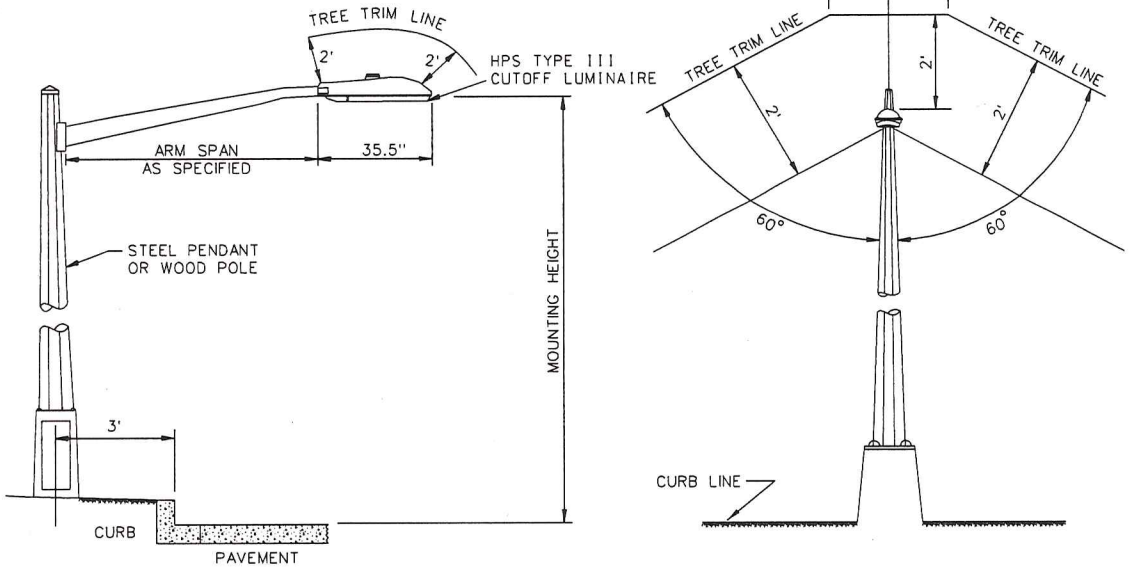
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

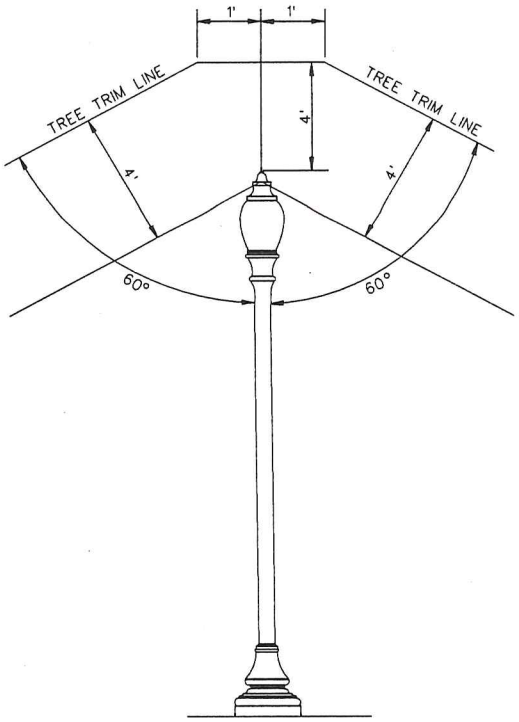
STREETLIGHT ALLEY POLE

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

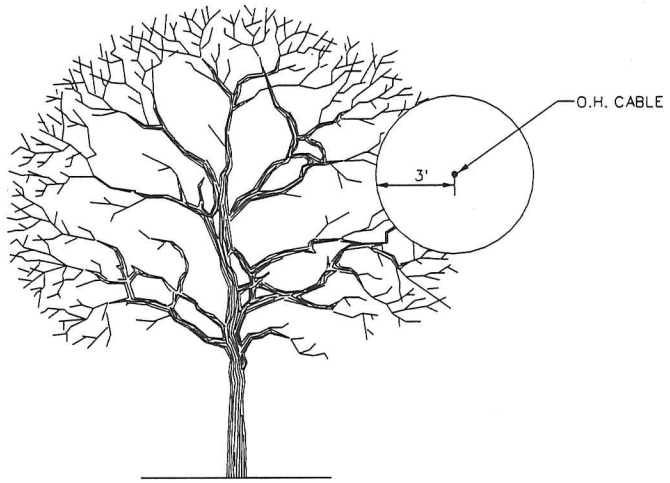
DWG. NO. 614.14



TREE TRIM DETAIL FOR STEEL PENDANT OR WOOD POLE

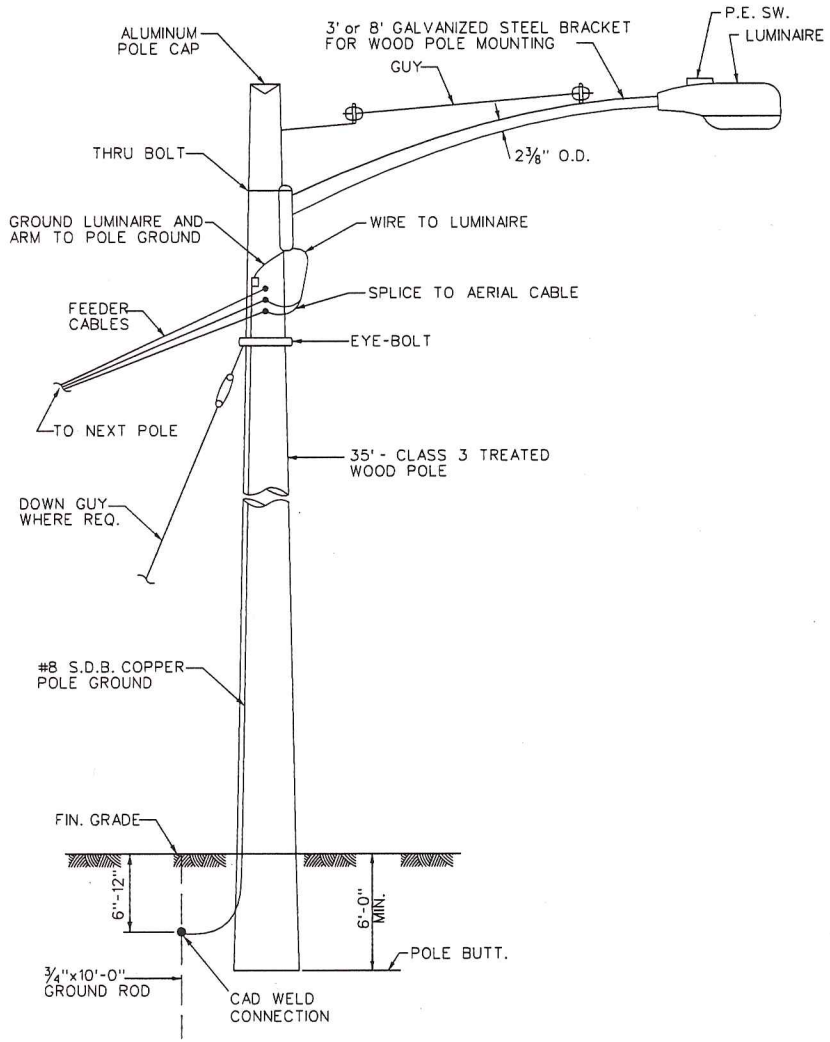


TREE TRIM DETAIL FOR
DECORATIVE STREETLIGHT POLE

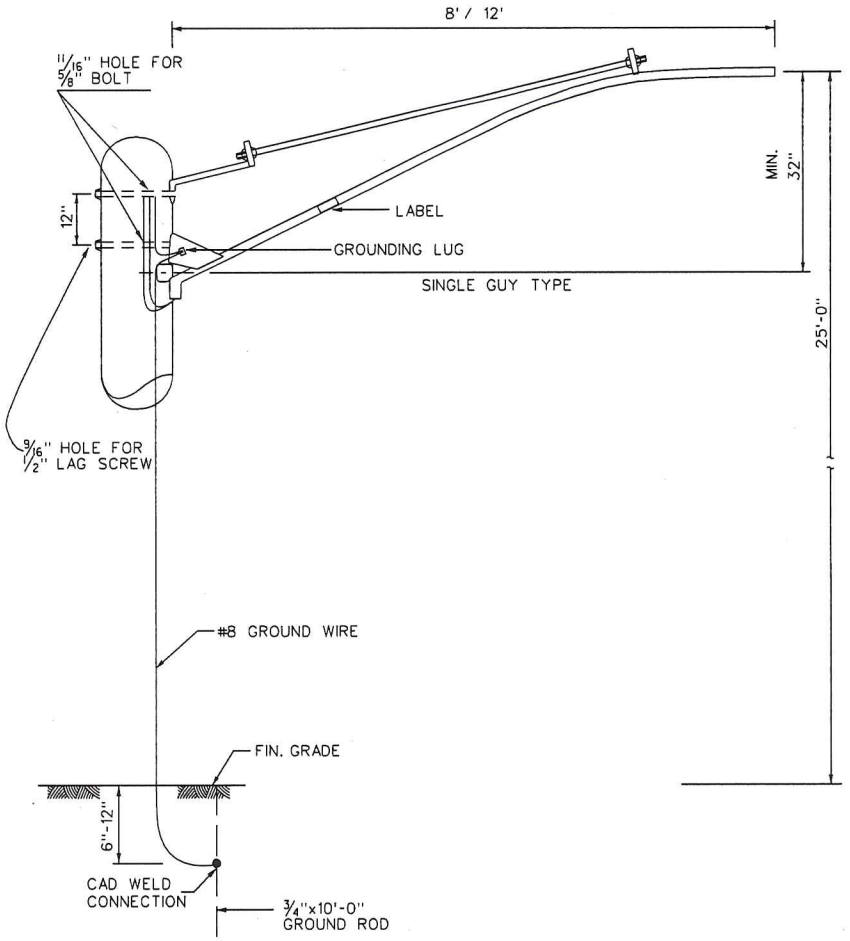


TREE TRIMMING DETAILS FOR OVERHEAD CABLES

ISSUED: 8/2015	RECOMMENDED: PROJECT MANAGER	STREETLIGHT TREE TRIMMING DETAILS	d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
REVISION / APPROVAL	APPROVED: Muhammed Khalid CHIEF ENGINEER		DWG. NO. 614.15



WOOD POLE DETAIL



GALVANIZED STEEL LUMINAIRE SUPPORT

ISSUED: 8/2015	
REVISION	APPROVAL

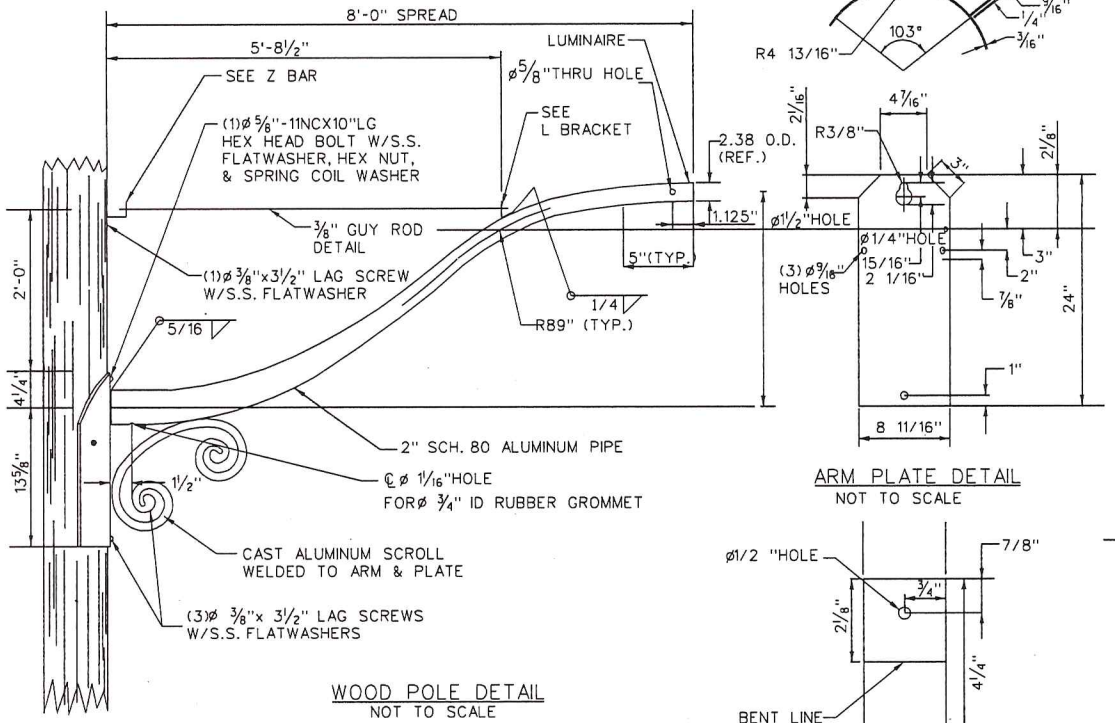
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

STREETLIGHT WOOD POLE - 1

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

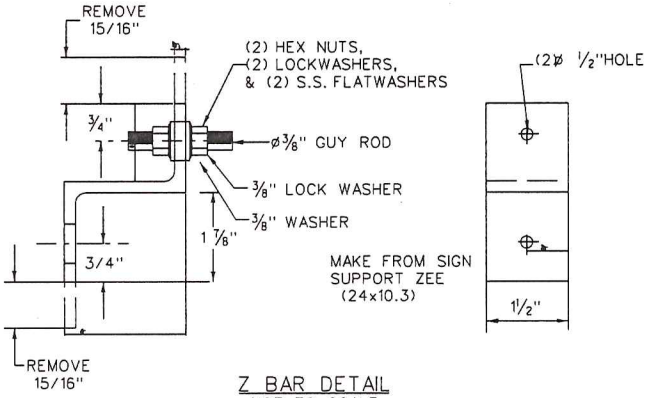
DWG. NO. 614.16



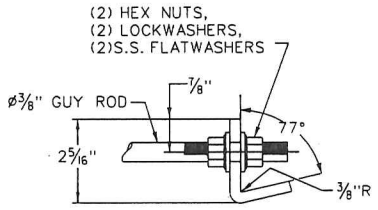
WOOD POLE DETAIL
NOT TO SCALE

ARM PLATE DETAIL
NOT TO SCALE

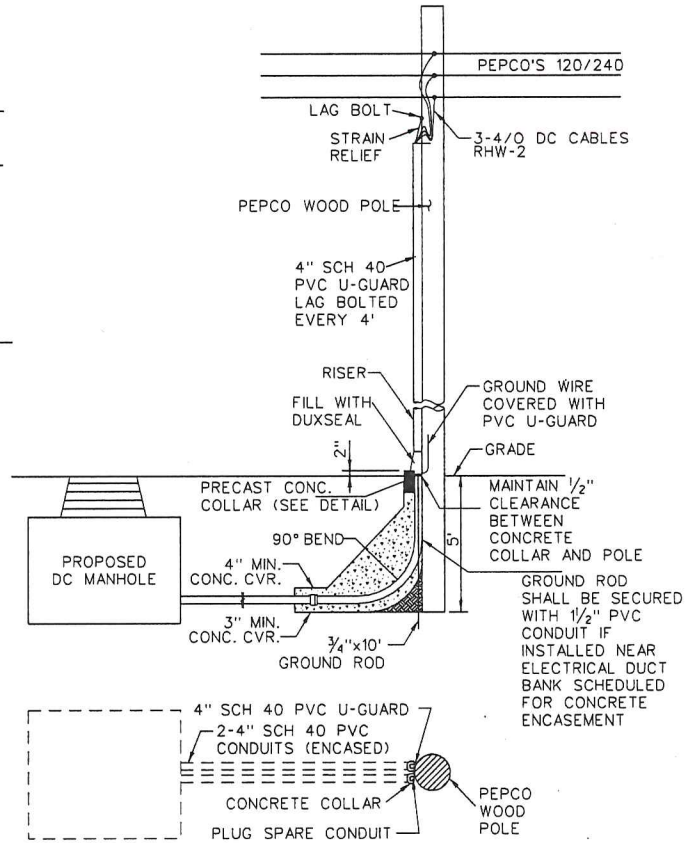
FLAT PATTERN
NOT TO SCALE



Z BAR DETAIL
NOT TO SCALE



L BRACKET DETAIL
NOT TO SCALE



WOOD POLE RISER SHIELD
NOT TO SCALE

NOTE:

INSTALL 2-4" PVC SWEEP 90° BENDS AT EACH WOOD POLE USED AS POWER FEED POINT OR RECEIVING POWER FROM DDOT UNDERGROUND CONDUITS.

ISSUED: 8/2015	
REVISION	APPROVAL

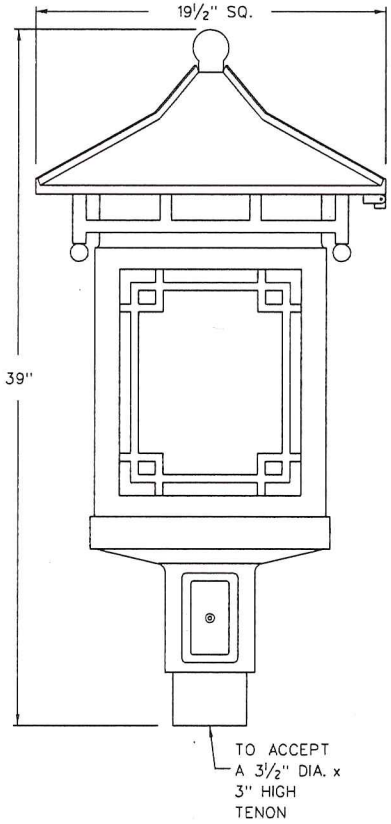
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Kholid CHIEF ENGINEER

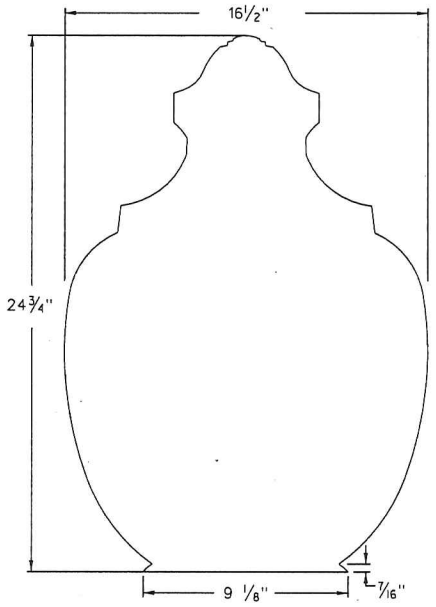
STREETLIGHT WOOD POLE - 2

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

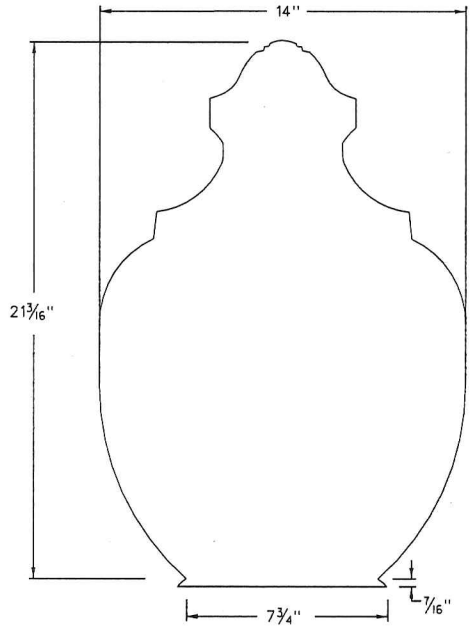
DWG. NO. 614.17



CHINATOWN LUMINAIRE



NO. 118 GLOBE



NO. 192 GLOBE

ISSUED: 8/2015	
REVISION	APPROVAL

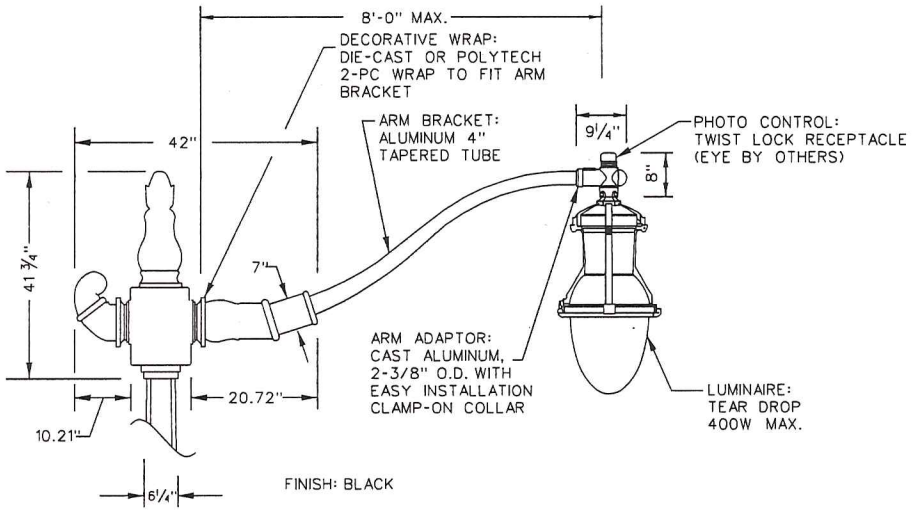
RECOMMENDED: Adil Rizi
PROJECT MANAGER

APPROVED: Muhammed Khalid
CHIEF ENGINEER

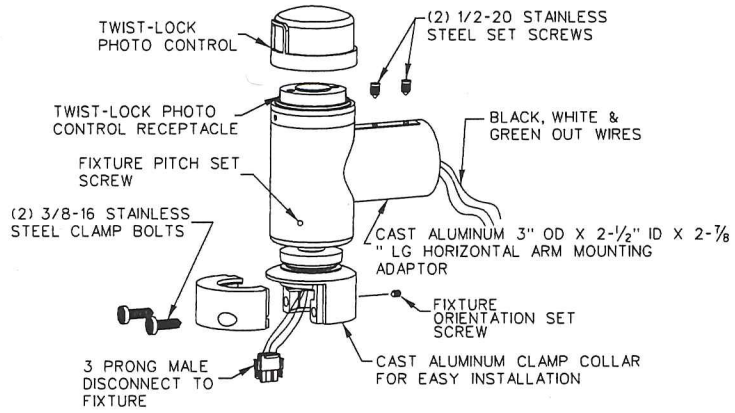
STREETLIGHT LUMINAIRES

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

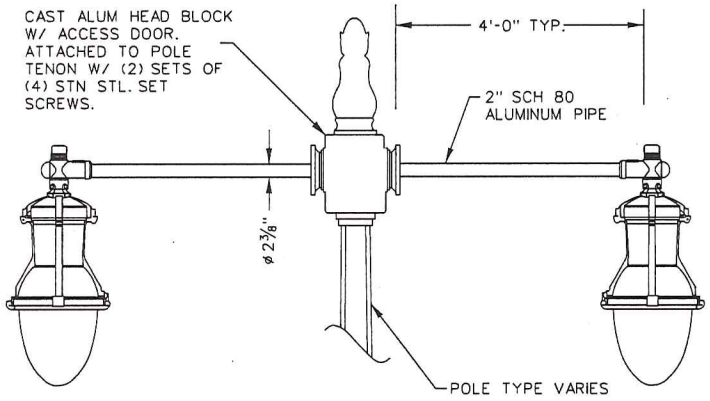
DWG. NO. 614.18



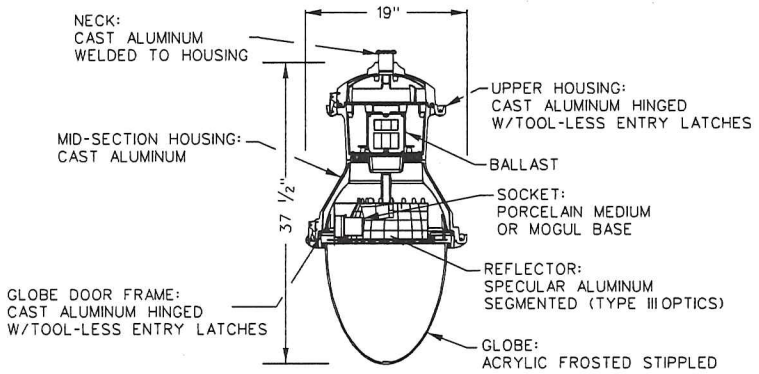
PENDANT POLE WITH DECORATIVE ARM



TEARDROP ARM MOUNTING ADAPTER



INVERTED TWIN 20 TEARDROP



TEARDROP DETAILS

ISSUED: 8/2015	
REVISION	APPROVAL

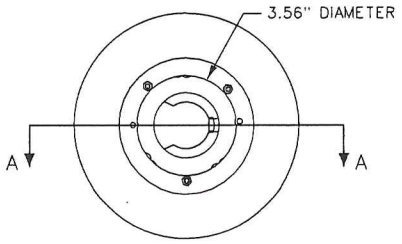
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Mohammed Khalid CHIEF ENGINEER

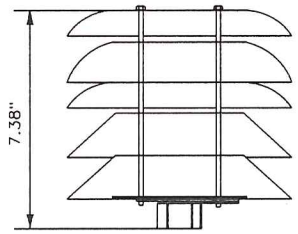
STREETLIGHT TEARDROP

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

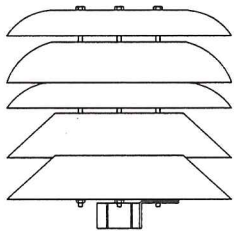
DWG. NO. 614.19



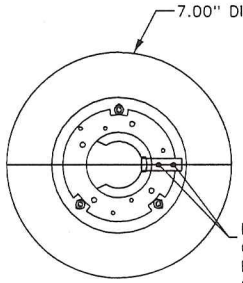
TOP VIEW
NTS



SECTION A-A
NTS

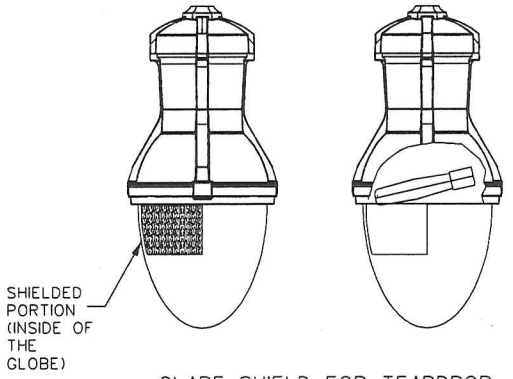


SIDE VIEW
NTS

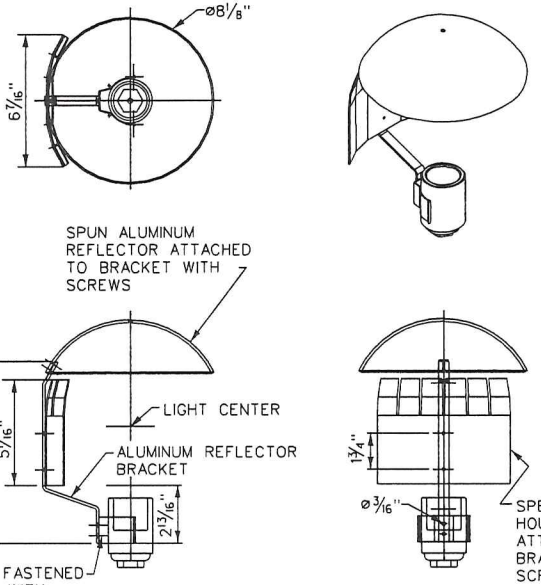


BOTTOM VIEW
NTS

GLARE SHIELD FOR UPRIGHT POLE
NTS



GLARE SHIELD FOR TEARDROP
NTS



SPECULAR ALUMINUM HOUSE SIDE SHIELD
NTS

ISSUED: 8/2015	
REVISION	APPROVAL

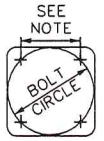
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

STREETLIGHT GLARE SHIELD DETAILS

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

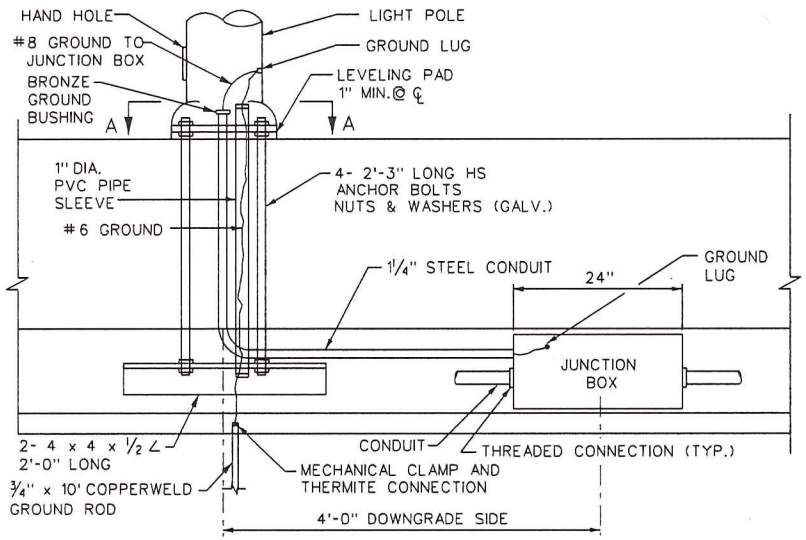
DWG. NO. 614.20



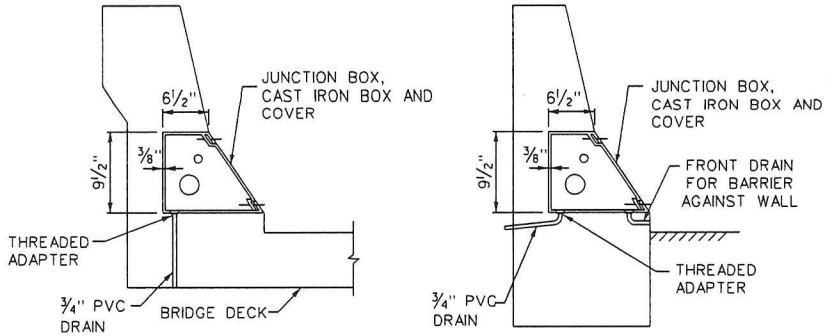
SECTION A-A

NOTE:

ANCHOR BOLT SIZE AND BOLT CIRCLE SHALL BE AS SHOWN ON PLANS OR AS SPECIFIED IN CONTRACT DOCUMENTS.



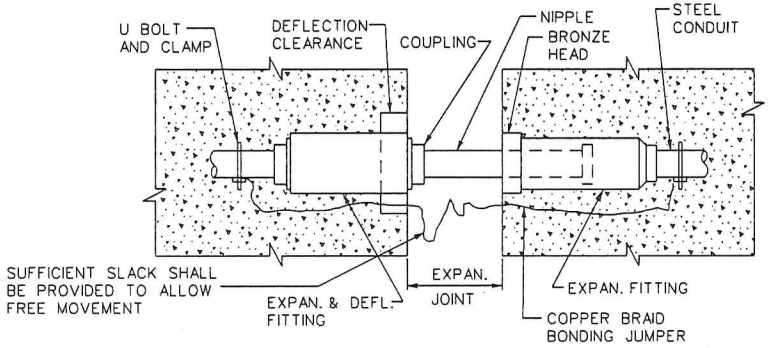
TYPICAL DETAILS OF LIGHT POLE INSTALLATION ON BARRIER



BARRIER JUNCTION BOX

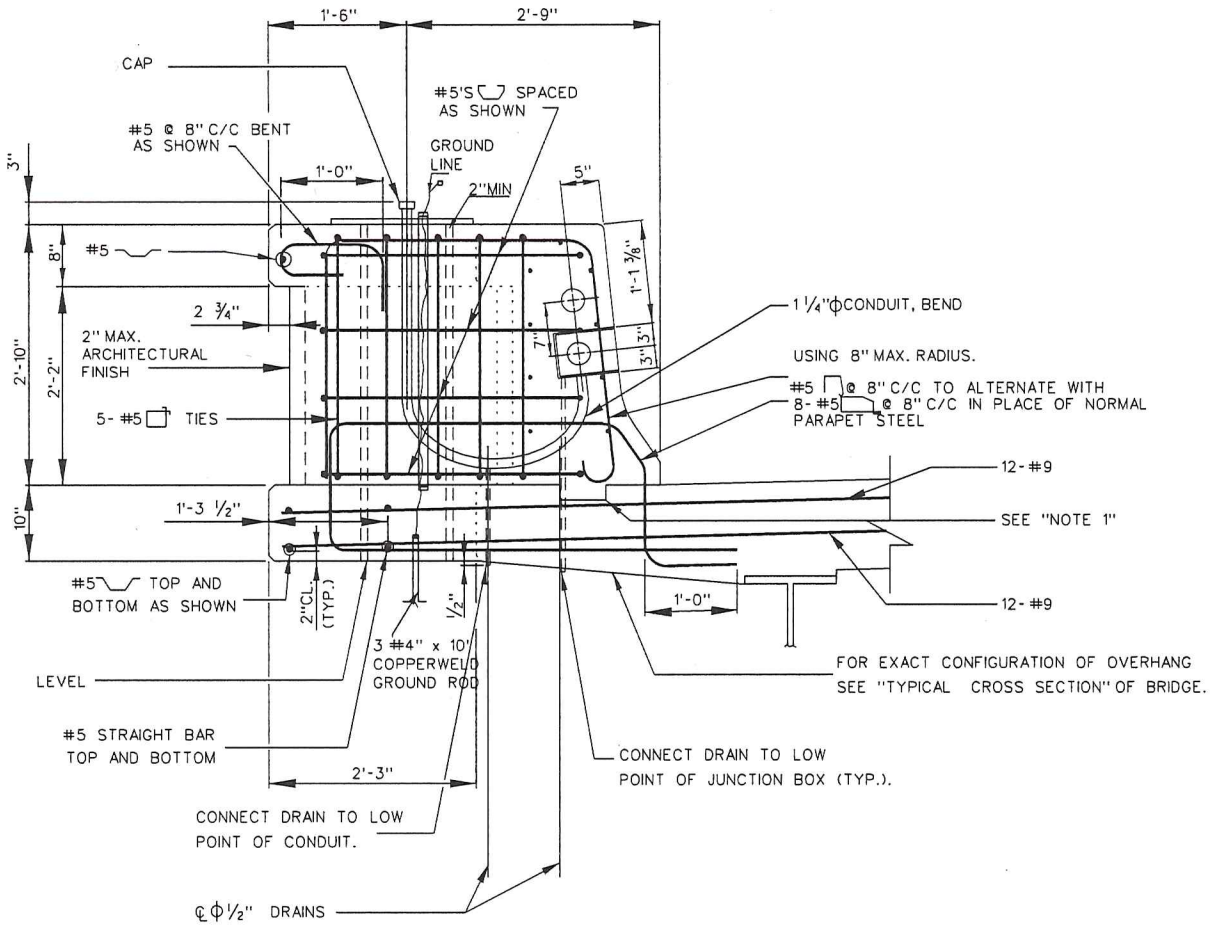
NOTE:

1. FOR ELECTRICAL MANHOLE DETAILS, SEE DWG. NOS. 613.15 TO 613.19.



COMBINATION EXPANSION AND DEFLECTION FITTING

ISSUED: 8/2015	RECOMMENDED: Adil Rizvi PROJECT MANAGER	ELECTRICAL DETAILS	d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
REVISION / APPROVAL	APPROVED: Mohammed Khalid CHIEF ENGINEER		DWG. NO. 614.21



SECTION B-B

NOTE:

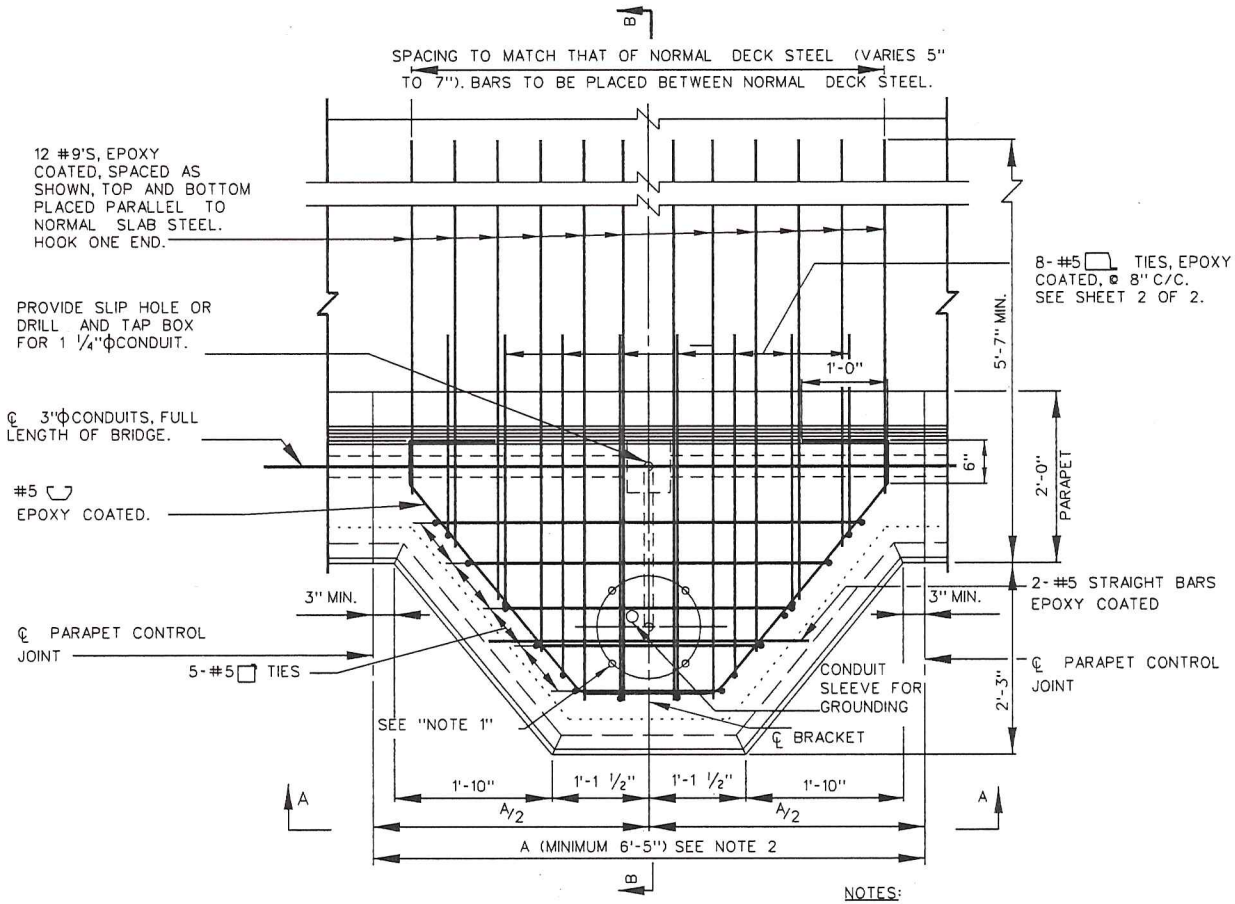
1. ALL LONGITUDINAL BARS ARE #5'S AND SHALL BE PLACED CONTINUOUSLY IN THE PARAPET FROM EXPANSION OPENING TO EXPANSION OPENING IN A SIMPLE SPAN BRIDGE AND EXPANSION OPENING TOCENTERLINE OF PIER IN A MULTISPANBRIDGE. REFER TO BR-SS(6.47)-03-349A.

2. CONDUIT, DRAIN TUBES AND CAP MAY BE GALVANIZED STEEL OR PVC.

2. THE CONSTR. JT. BETWEEN THE F-SHAPE PARAPET AND THE DECK SLAB MAY VARY SLIGHTLY FROM THE JOINT INDICATED. FOR EXACT DETAILS AND LOCATION OF THEJOINT SEE "SUPERSTRUCTURE" SHEET.

3. THE REBAR DETAILS ARE SHOWN FOR REFERENCE PURPOSE AND THE DESIGNER IS RESPONSIBLE TO DESIGN THE REBAR ACCORDING TO AASHTO REQUIREMENTS.

ISSUED: 8/2015	RECOMMENDED: PROJECT MANAGER	LIGHT POLE CONNECTION 1	d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
REVISION / APPROVAL	APPROVED: Muhammed Khalid CHIEF ENGINEER		DWG. NO. 614.22



PLAN

NOTES:

1. CONTRACTOR IS TO CONTACT THE DISTRICT ENGINEER IN WRITING PRIOR TO PLACING SLEEVES (MIN. 2" DIA.). FOR ANCHOR BOLTS, TO ASCERTAIN THE BOLT CIRCLE DIMENSION AND SIZE OF ANCHOR BOLTS THAT WILL BE USED ON THIS PROJECT. ALL LIGHT POLES TO BE SET PLUMB USING LEVELING NUTS ON ANCHOR BOLTS. MAX. HEIGHT OF POLE FOR THIS DETAIL IS 40'. THE DIA. OF ANCHOR BOLTS SHALL BE 1¼".

2. STATION FOR LIGHT POST SUPPORT BRACKET SHOWN ON PLANS IS ONLY APPROXIMATE. ℄ BRACKET TO BE LOCATED MIDWAY BETWEEN PARAPET CONTROL JOINTS. A = NORMAL PARAPET CONTROL JOINT SPACING (ADJUST AS NECESSARY TO MEET MINIMUM LIMITATIONS). IF A LIGHT POST IS PLACED AT ℄ OF PIER, ELIMINATE THE CONTROL JOINT AT THE ℄ OF PIER, THE FIRST CONTROL JOINT BEYOND, ON ONE SIDE ONLY SHALL BE CHANGED TO A PARAFFIN JOINT.

3. NORMAL SLAB REINFORCING STEEL NOT SHOWN.

ISSUED: 8/2015	
REVISION	APPROVAL

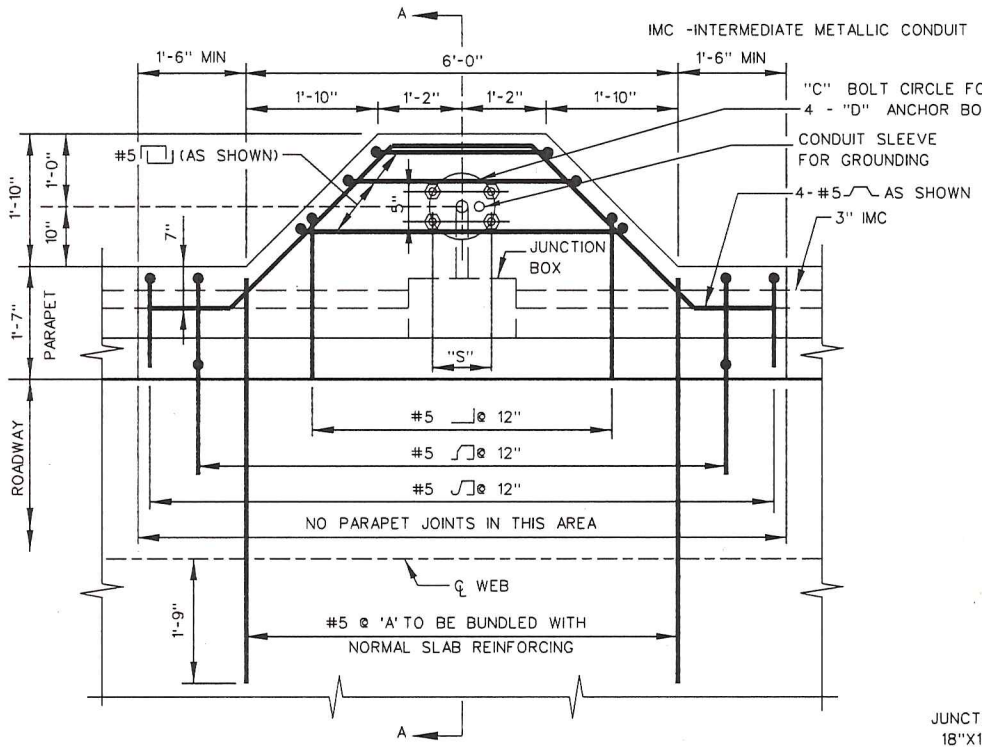
RECOMMENDED: Abdul Raziq
PROJECT MANAGER

APPROVED: Muhammed Khalid
CHIEF ENGINEER

LIGHT POLE CONNECTION 2

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

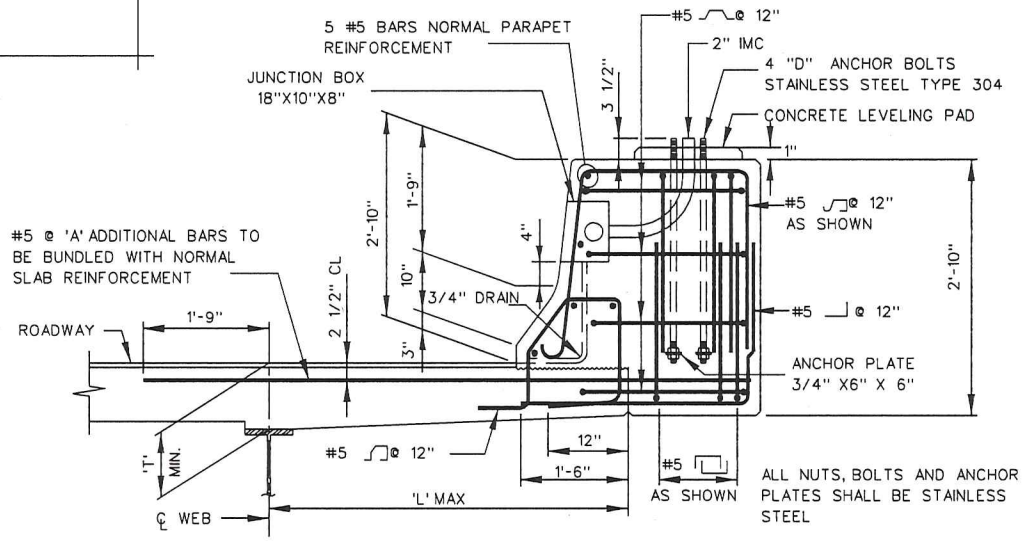
DWG. NO. 614.23



PLAN

ANCHOR BOLTS			
POLE "HT"	DIA. "D"	CIRCLE "C"	SPACE "S"
30'	1¼"	11"	7¾"
40'	1¼"	15"	10⅝"

'L' MAX.	'T' MAX.	'A' MAX.
3.0'	8.5"	8.5"
4.0'	10.0"	6"
5.0'	11.5"	5"



SECTION A-A

NOTES:

1. ALL REINFORCING STEEL SHALL BE EPOXY COATED

2. THE REINFORCING BARS DETAILS ARE SHOWN FOR REFERENCE PURPOSE. THE DESIGNER IS RESPONSIBLE TO DESIGN THE REBAR ACCORDING TO AASHTO REQUIREMENTS.

ISSUED: 8/2015	
REVISION	APPROVAL

RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Mvhammed Khalid CHIEF ENGINEER

LIGHT POLE CONNECTION 3

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 614.24