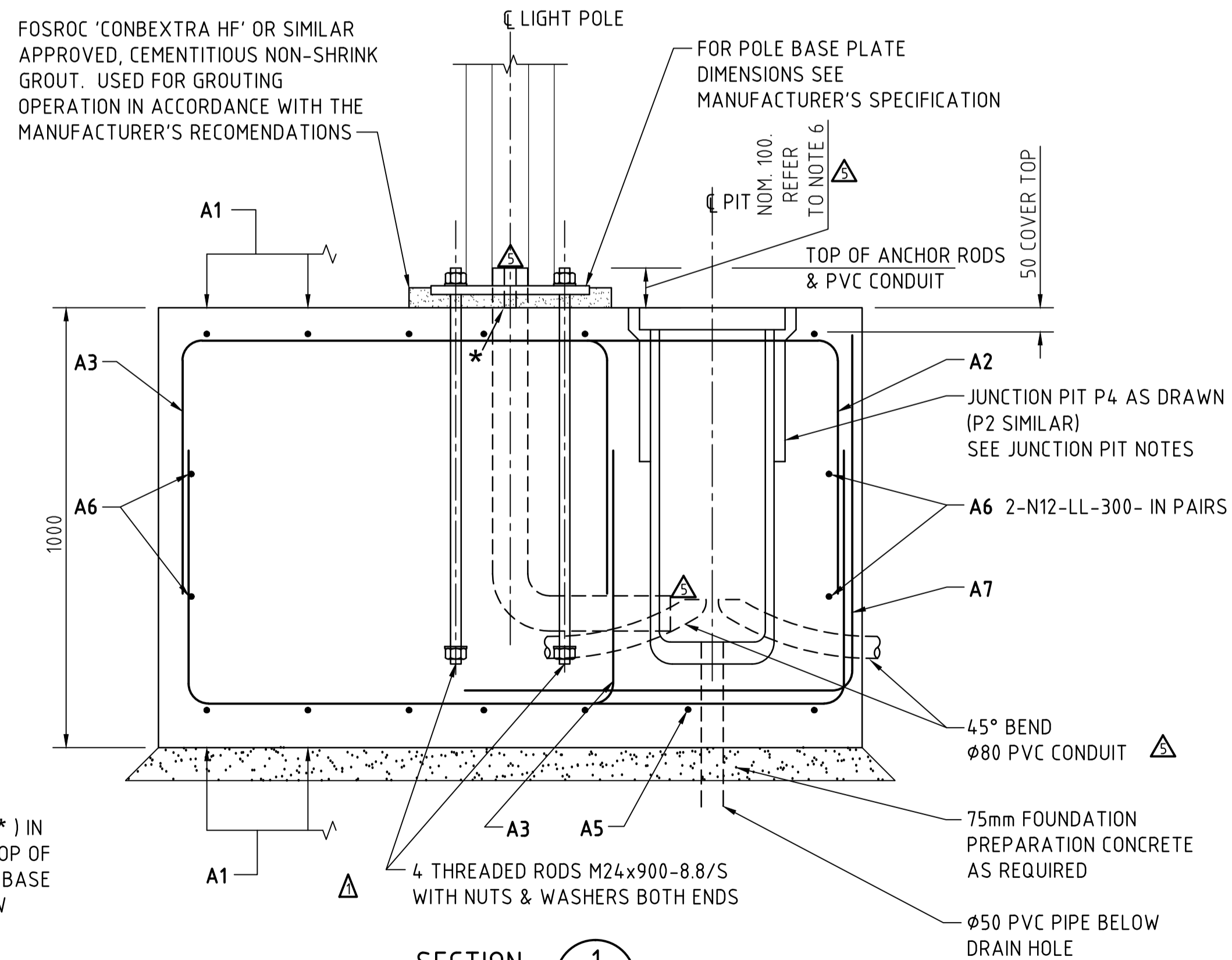


PLAN
SCALE 1:10

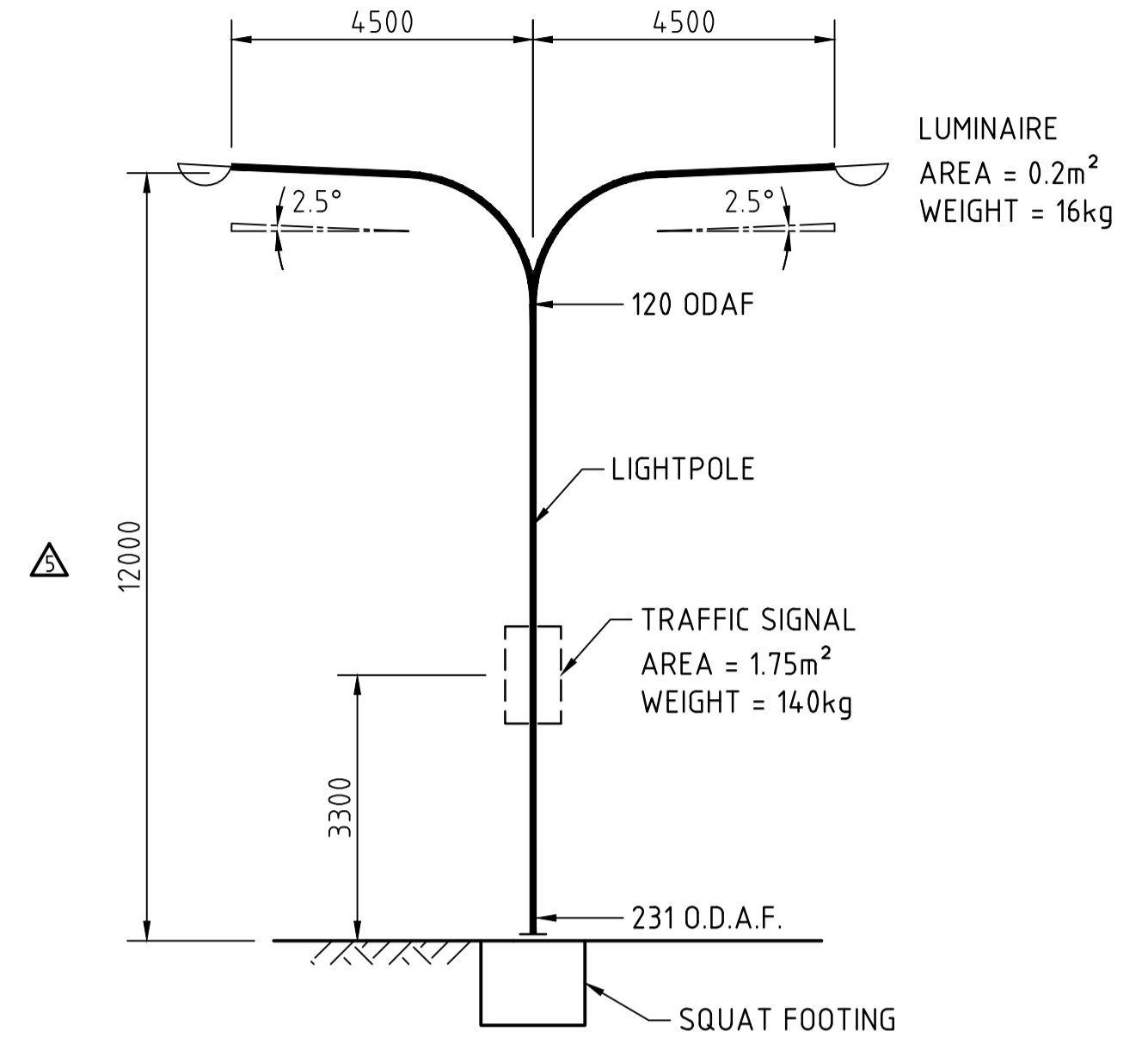
FOOTING FOR REPLACEMENT OF EXISTING ABOVE GROUND STANDARD & COMBINATION ROAD LIGHTING POLES.



SECTION 1
SCALE 1:10

BAR MARK	NUMBER OF BARS	GRADE OF BARS	DIAMETER OF BARS	BENDING CODE	DIMENSIONS
A1	6	N	12	HT	
A2	6	N	12	LL	
A3	4	N	12	LL	
A4	1	N	12	LL	
A5	1	N	12	LL	
A6	4	N	12	LL	
A7	2	N	12	L	

JUNCTION PIT NOTES
P2 PIT FOR IMPACT ABSORBING ROAD LIGHTING POLE.
P4 PIT FOR COMBINATION TRAFFIC SIGNALS / IMPACT ABSORBING POLE.



DESIGN MODEL FOR STANDARD AND COMBINATION IMPACT ABSORBING POLE

NOTES

- GENERAL**
- THIS FOOTING IS SUITABLE FOR MOUNTING HEIGHTS UP TO 12.0m AND SINGLE OR DOUBLE OUTREACH UP TO 4.5m AND FOR LUMINAIRE WIND AREA 0.2 SQUARE METRES AND 16kg WEIGHT.
 - THE MAXIMUM DIAMETER OF THE OCTAGONAL LIGHT POLE IS 225mm WITH 3.2mm WALL THICKNESS.
- MATERIAL**
- CONCRETE - GRADE N32.
 - COVER TO REINFORCEMENT - 75mm UNLESS SHOWN OTHERWISE.
 - REINFORCEMENT BARS SHALL BE D500N IN ACCORDANCE WITH AS/NZS 4671. STANDARD HOOKS AND BENDS SHALL BE IN ACCORDANCE WITH AS 3600.
 - MINIMUM LAP 300mm, UNLESS SHOWN OTHERWISE.
 - THREADED ANCHOR RODS TO BE GRADE 8.8, NUTS AND WASHERS IN ACCORDANCE WITH AS 1252. ANCHOR RODS, NUTS AND WASHERS SHALL BE HOT DIP GALVANISED IN ACCORDANCE WITH AS 1214 (BOLTS AND NUTS), AND AS/NZS 4680 (WASHERS). ALL NUTS TO BE TAPPED OVERSIZE TO ACCOMMODATE GALVANISING.
 - PROJECTION OF TREADED RODS FROM THE TOP AND BOTTOM NUT FACE SHALL BE 6MM MINIMUM IN ACCORDANCE WITH AS4100
- PROTECTIVE TREATMENT**
- ANCHOR RODS, NUTS AND WASHERS TO BE HOT DIPPED GALVANISED IN ACCORDANCE WITH AS 1214 AND AS/NZS 4680.
- FOUNDATIONS**
- THESE NOTES APPLY TO STABLE AND MODERATELY REACTIVE SOIL.
 - EDGE OF FOOTING TO BE POSITIONED A MINIMUM OF 1000mm FROM EDGE OF ANY SLOPE.
 - ENSURE THAT NO VEGETATION OR ORGANIC MATTER EXISTS IN THE SOIL STRATA BELOW THE FOOTING FOR A DEPTH OF AT LEAST 1000mm.
- FOR SANDY SOILS:**
- GROUND TO UNDERSIDE OF FOOTINGS SHALL BE WELL COMPACTED.
 - ALL FILL SHALL BE COMPACTED IN LAYERS NOT EXCEEDING 450mm THICKNESS. IMPORTED FILL SHALL BE CLEAN WELL GRADED MATERIAL FROM AN APPROPRIATE SOURCE.
- FOR CLAY SOILS:**
- ANY SMALL SOFT SPOTS SHALL BE REMOVED AND REPLACED WITH FINE CRUSHED ROCK OR COMPACTED SAND OR CONCRETE.
- ELECTRICAL WIRING**
- FOR DETAILS OF JUNCTION PIT AND POLE WIRING REFER TO STANDARD DRAWING S-4055, SHEET 46.

NOTES, DESIGN MODEL, AND CONDUIT AMENDED	No.	Date	Resp	Examined	Approved for Exec Director	Date
NOTES, DESIGN MODEL, AND CONDUIT AMENDED	27-11-15	5/08/08	A.P.	P. MOLLOY	S. PASCALE	5/4/16
MATERIAL NOTE 1 CHANGED	5/08/08	5/08/08	A.P.	P. MOLLOY	P. D. WILSON	21/08/08
CONCRETE & REINFORCEMENT NOTE AMENDED	30/04/08	30/04/08	A.P.	P. MOLLOY	P. WILSON	05/05/08
WIRING LAYOUT DELETED, SECTION 1 CHANGED	20/11/07	20/11/07	A.P.	R. BURT	P. D. WILSON	23/11/07
NOTES ADDED						

100 MILLIMETRES ON ORIGINAL DRAWING

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE

DESIGN DESIGN UNIT	ENDORSED R. BURT for Regional Manager (Metro)
DRAWN DESIGN UNIT	
CHECKED A. PYRZAKOWSKI	APPROVED G. W. CHAPLIN for Executive Director Date: 24/07/02
EXAMINED A. PYRZAKOWSKI Unit Head	CONSTRUCTED
ENDORSED G. W. CHAPLIN Manager, Structures Group	TITLE: LIGHTING
	DATE:

STANDARD DRAWING
ROAD LIGHTING
EXISTING IMPACT ABSORBING LIGHT POLE - BASE PLATE MOUNTED
SQUAT FOOTING AND ANCHOR DETAIL

AMEND 5 SHEET 37 DRG S - 4055

DEPARTMENT for TRANSPORT, ENERGY and INFRASTRUCTURE

PAVEMENTS and STRUCTURES SECTION