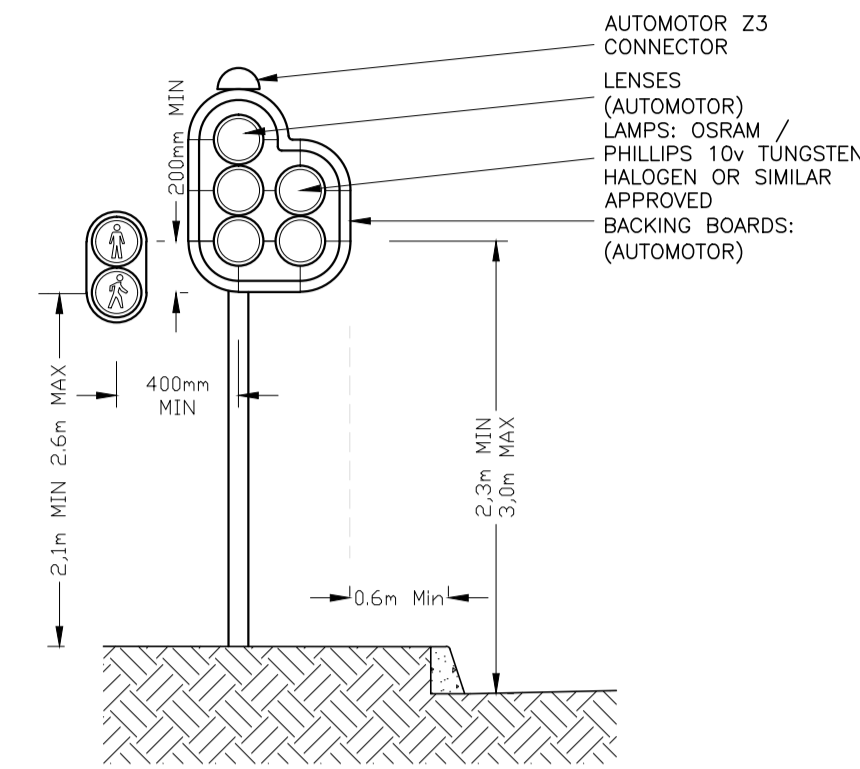
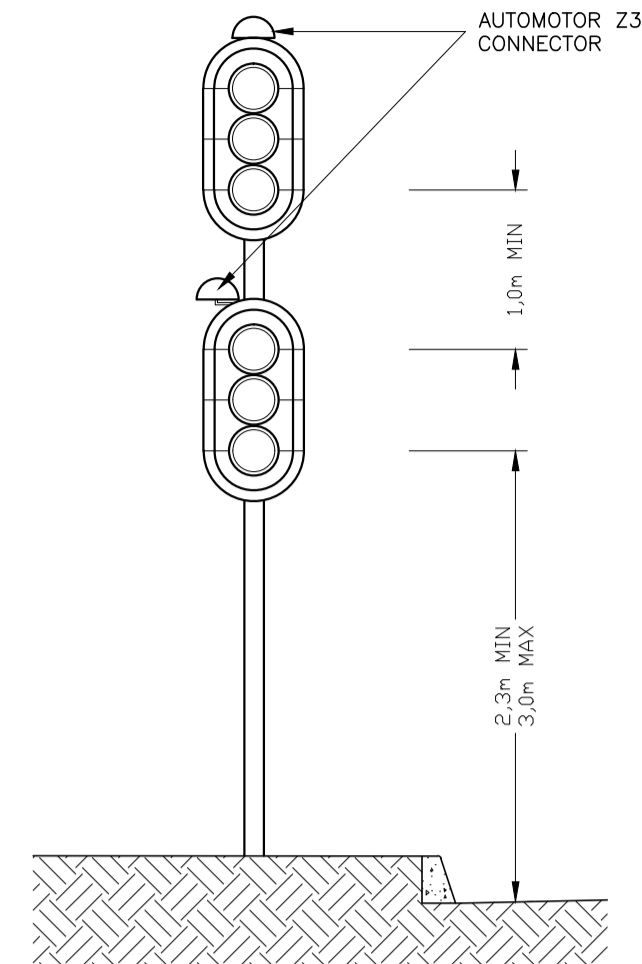


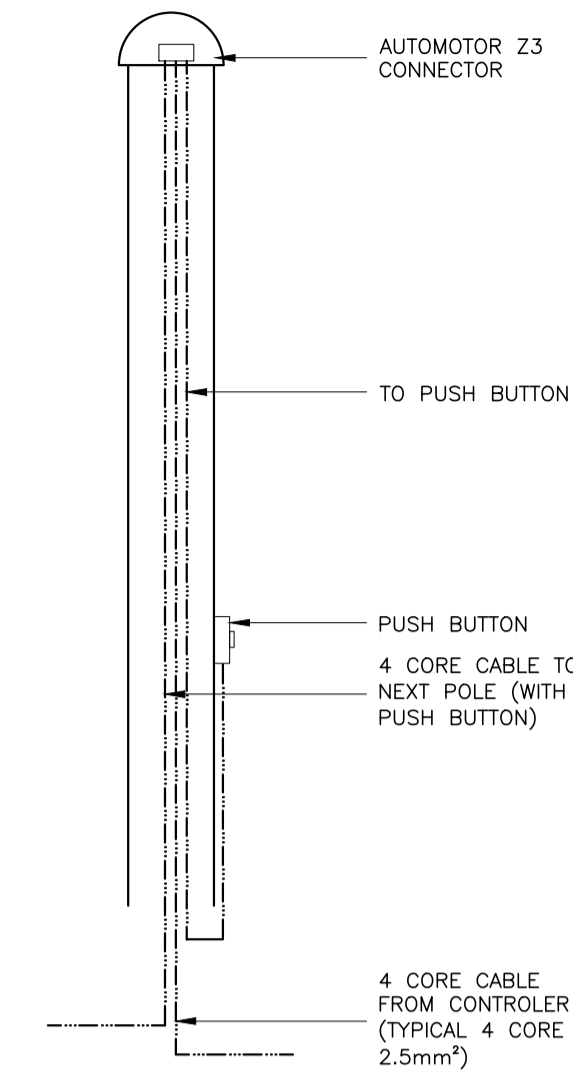
**DETAIL 2A: CANTILEVER POLE: HEIGHT OF TRAFFIC SIGNAL HEADS**  
NOT TO SCALE



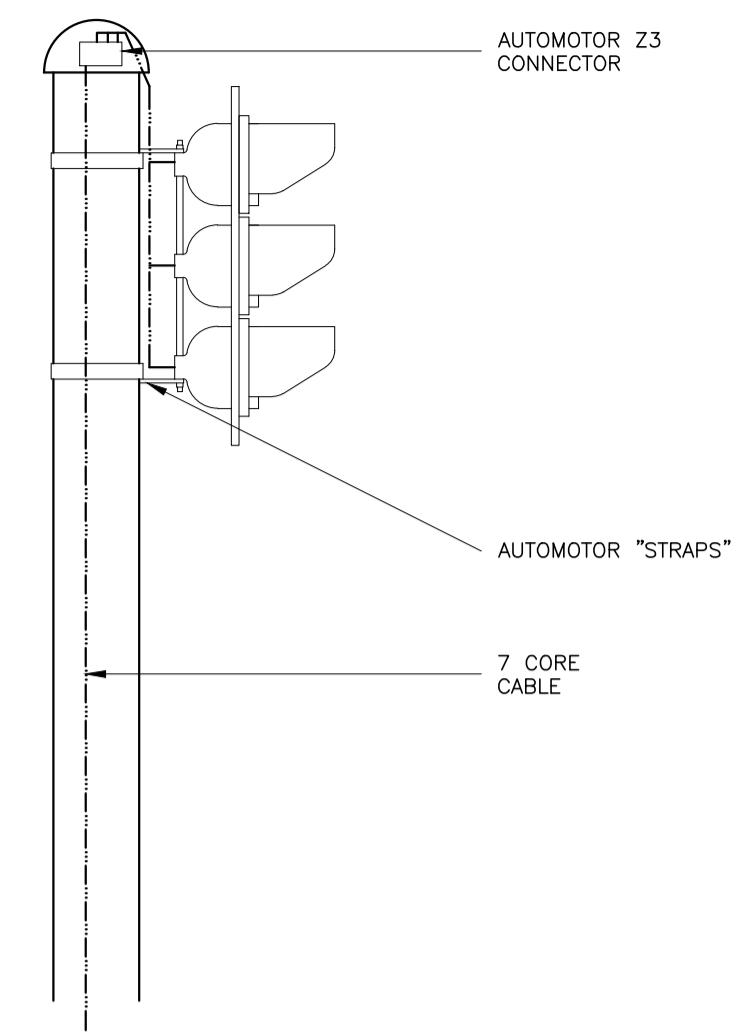
**DETAIL 2B: STANDARD POLE: HEIGHT OF TRAFFIC SIGNAL HEADS**  
NOT TO SCALE



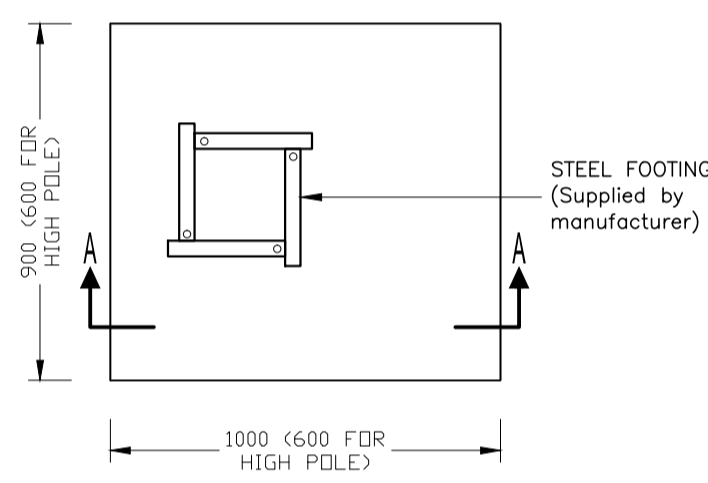
**DETAIL 2C: TOTEM POLE: HEIGHT OF TRAFFIC SIGNAL HEADS**  
NOT TO SCALE



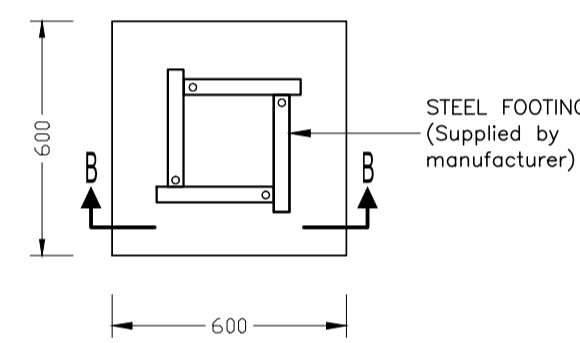
**DETAIL 2D: WIRING FOR PEDESTRIAN PUSH BUTTON**  
NOT TO SCALE



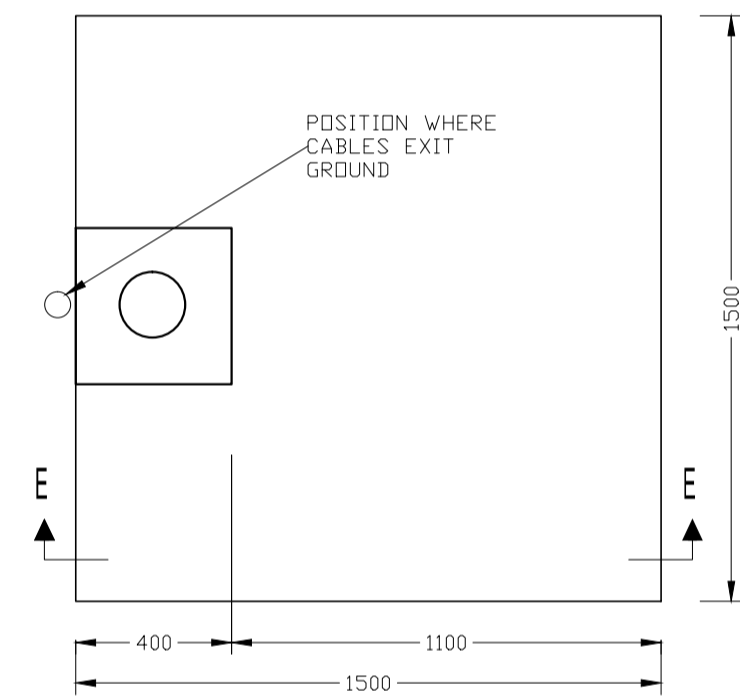
**DETAIL 2E: TYPICAL CABLE CONNECTIONS AND FIXING OF SIGNAL HEADS**  
NOT TO SCALE



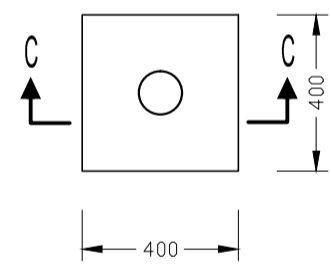
**DETAIL 2F: PLAN FOR FOOTING TOTEM/CANTILEVER POLE**  
SCALE 1: 20



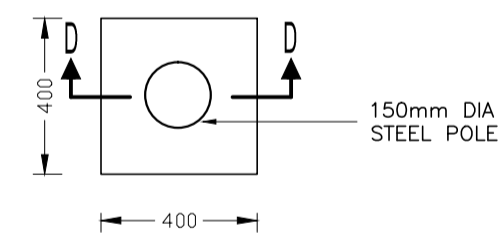
**DETAIL 2G: PLAN FOR FOOTING OF STANDARD POLE**  
SCALE 1: 20



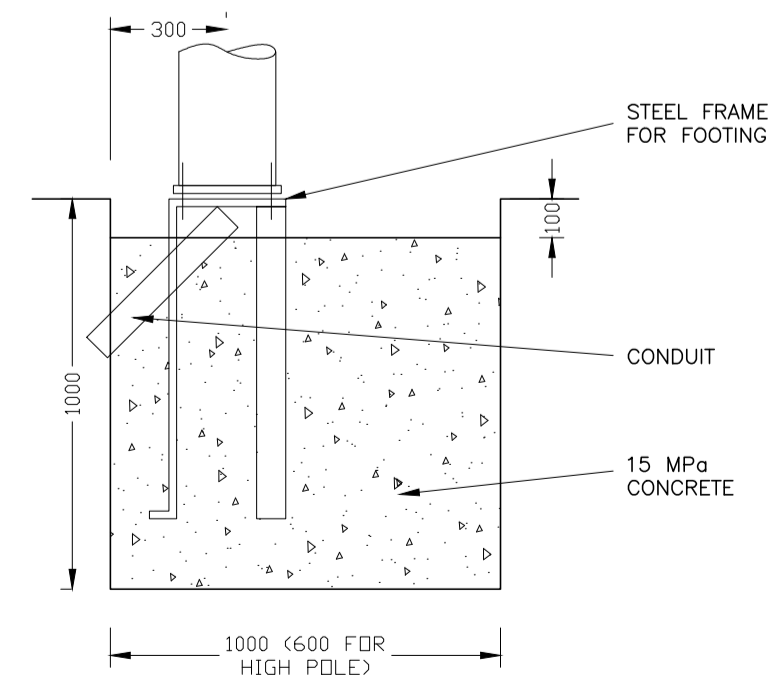
**DETAIL 2J: PLAN FOR FOOTING OF CONTROLLER BOX**  
SCALE 1: 20



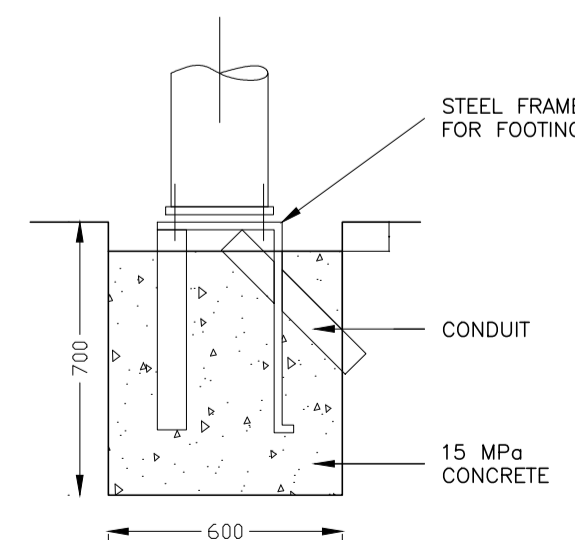
**DETAIL 2H: PLAN FOR FOOTING OF STANDARD POLE**  
SCALE 1: 20



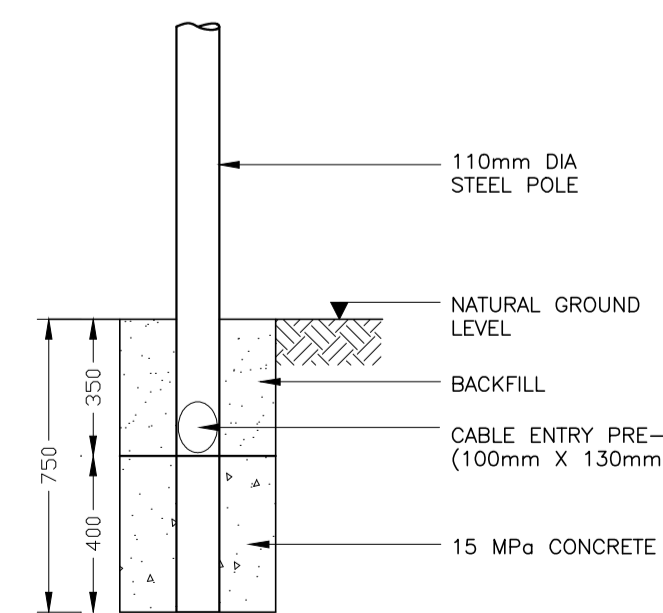
**DETAIL 2I: PLAN FOR FOOTING OF CONTROLLER BOX**  
SCALE 1: 20



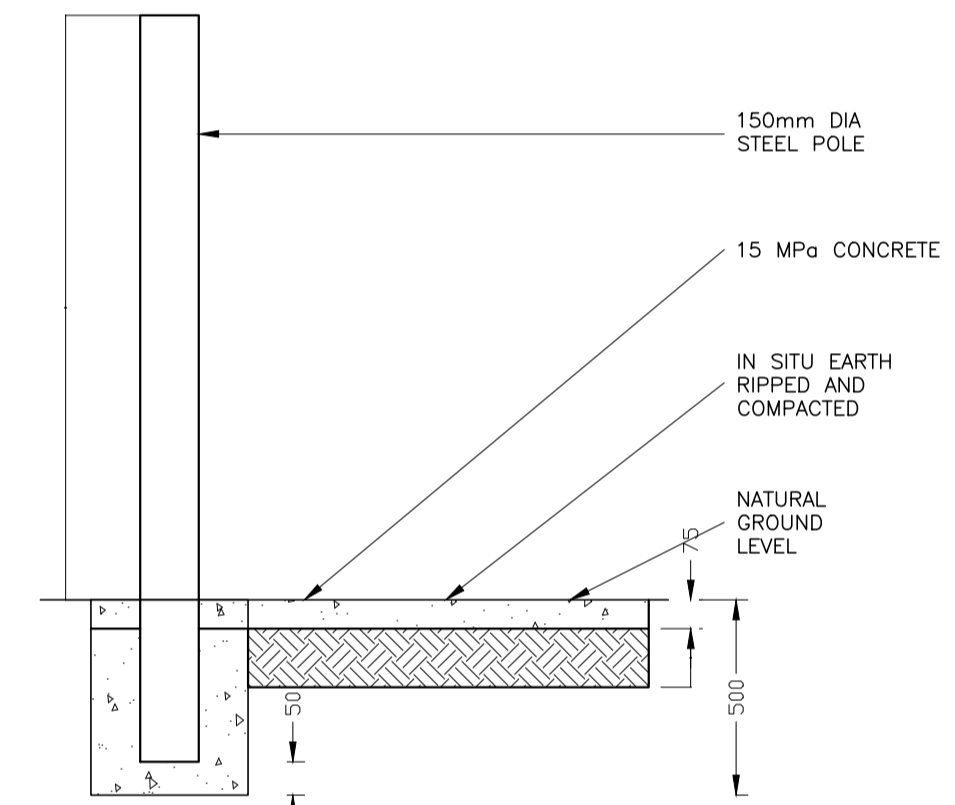
**SECTION A-A**  
**DETAIL 2K: FOOTING FOR TOTEM / CANTILEVER POLE**  
SCALE 1: 20



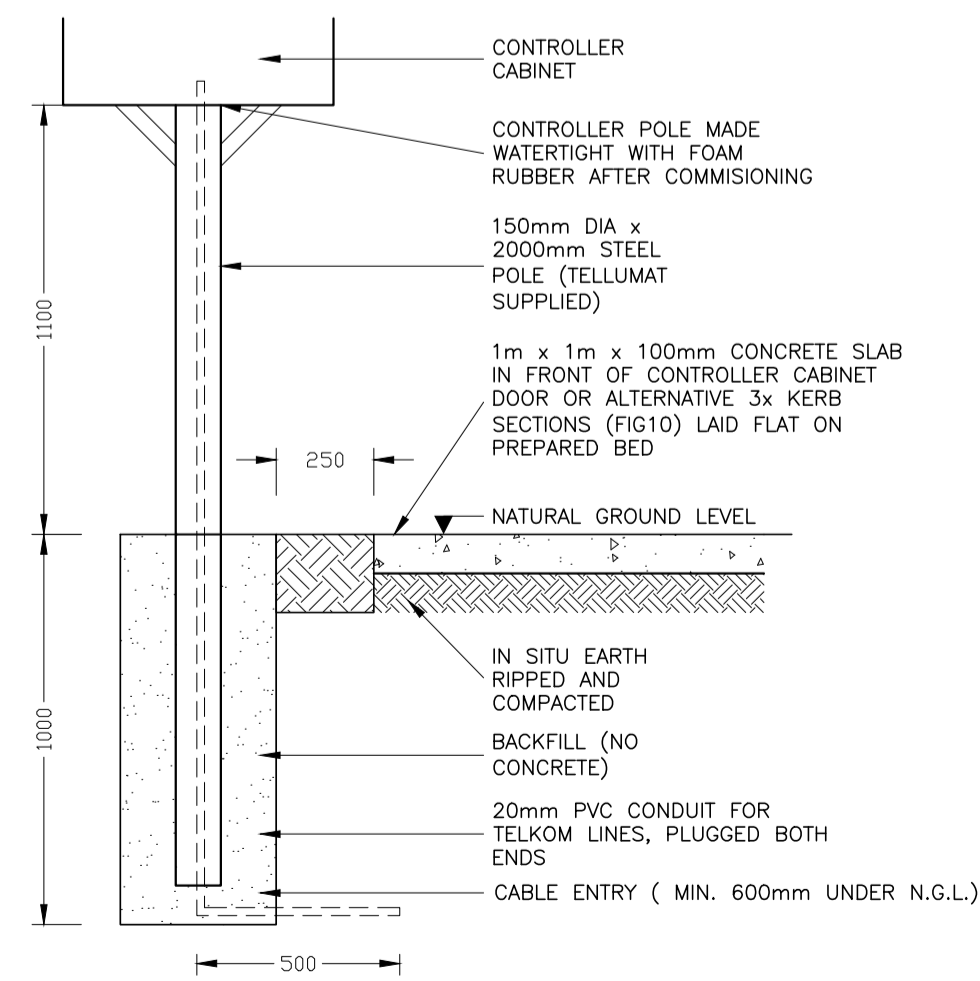
**SECTION B-B**  
**DETAIL 2L: FOOTING FOR STANDARD POLE**  
SCALE 1: 20



**SECTION C-C**  
**DETAIL 2M: FOOTING FOR STANDARD POLE**  
SCALE 1: 20



**SECTION E-E**  
**DETAIL 2O: FOOTING FOR CONTROLLER BOX**  
SCALE 1: 20



**SECTION D-D**  
**DETAIL 2N: FOOTING FOR CONTROLLER BOX**  
SCALE 1: 20

SIGNAL FACE TYPE	DESCRIPTION	SYMBOL
S1	[Symbol]	[Symbol]
S1L	[Symbol]	[Symbol]
S2	[Symbol]	[Symbol]
S3	[Symbol]	[Symbol]
S4	[Symbol]	[Symbol]
S5	[Symbol]	[Symbol]
S6	[Symbol]	[Symbol]
S7	[Symbol]	[Symbol]
S8	[Symbol]	[Symbol]
S9	[Symbol]	[Symbol]
S10R	[Symbol]	[Symbol]
S10L	[Symbol]	[Symbol]
S11	[Symbol]	[Symbol]
S12	[Symbol]	[Symbol]
S13	[Symbol]	[Symbol]
S14	[Symbol]	[Symbol]
S15	[Symbol]	[Symbol]
S16	[Symbol]	[Symbol]
S17	[Symbol]	[Symbol]
	PEDESTRIAN SIGNAL WITH PUSH BUTTON	[Symbol]

**TABLE 2A: SIGNAL FACE TYPES:**

**ROADS AND STORMWATER**  
For Internal Approval

RECEIVED  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

DIRECTOR: INFRASTRUCTURE CONSTRUCTION (PROJECT) MANAGEMENT  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

DIRECTOR: INFRASTRUCTURE ASSET MANAGEMENT  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

DIRECTOR: TRANSPORT INFRASTRUCTURE PLANNING  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

DIRECTOR: INTELLIGENT TRANSPORT SYSTEMS AND TRAFFIC ENGINEERING  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

DIRECTOR: INFRASTRUCTURE MAINTENANCE MANAGEMENT (IMM)  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

SCALE: 1:1000

**NOTES AND SPECIFICATIONS**

- ALL POLES TO BE EARTHED TO CABLE ARMOURING
  - EARTH SPIKE (1.0m MIN) NEXT TO CONTROLLER FOR EARTHING OF CONTROLLER.
- INCLUDING SIGNAGE AS FOLLOWS COMBINE HEAD WITH SIGN.
- |     |   |     |
|-----|---|-----|
| S4  | + | ST1 |
| S1R | + | ST2 |
| S1L | + | ST3 |
| S5  | + | ST5 |
| S7  | + | ST4 |

AMENDMENTS				
NR.	DATE	APPROVED	DESCRIPTION	PAR.

DESIGNED: H. STRACHAN  
DRAWN: S. AUDIE

DESIGN CHECKED BY: P. A. ODENDAAL P. Eng.  
INFRASTRUCTURE TECHNICAL INFORMATION MANAGEMENT: D. J. CHALMERS

**PROJECT STATUS**

CONCEPT DRAWING:  TENDER DRAWING:  APPROVED FOR CONSTRUCTION:  AS BUILT DRAWING:

PROJECT ENGINEER (CONSULTANT): \_\_\_\_\_

INITIALS AND SURNAME: \_\_\_\_\_ SIGNATURE AND P. No.: \_\_\_\_\_ DATE: \_\_\_\_\_

INSPECTOR OF WORKS (CITY OF TSHWANE): \_\_\_\_\_

INITIALS AND SURNAME: \_\_\_\_\_ SIGNATURE AND P. No.: \_\_\_\_\_ DATE: \_\_\_\_\_

**CONSULTANT DETAIL**

**CITY OF TSHWANE**  
ROADS AND TRANSPORT DEPARTMENT

Mr P. Lotoikane STRATEGIC EXECUTIVE DIRECTOR  
Ms. L. V. Kgagkhe-PHI EXECUTIVE DIRECTOR

P.O. BOX 1409 PRETORIA 0001

DRAWING APPROVED BY EXECUTIVE DIRECTOR: Ms. L. V. Kgagkhe-PHI

**TYPICAL STANDARD DETAILS**

**TRAFFIC SIGNALS**  
POLES AND SIGNAL HEADS

CONTRACT No.: \_\_\_\_\_ PROJECT No.: \_\_\_\_\_

DATE: MAY 2013 SCALE: AS SHOWN ORIGINAL PAPER SIZE: A1

DRAWING NO: **STD019** SHEET NO: 2 OF 4