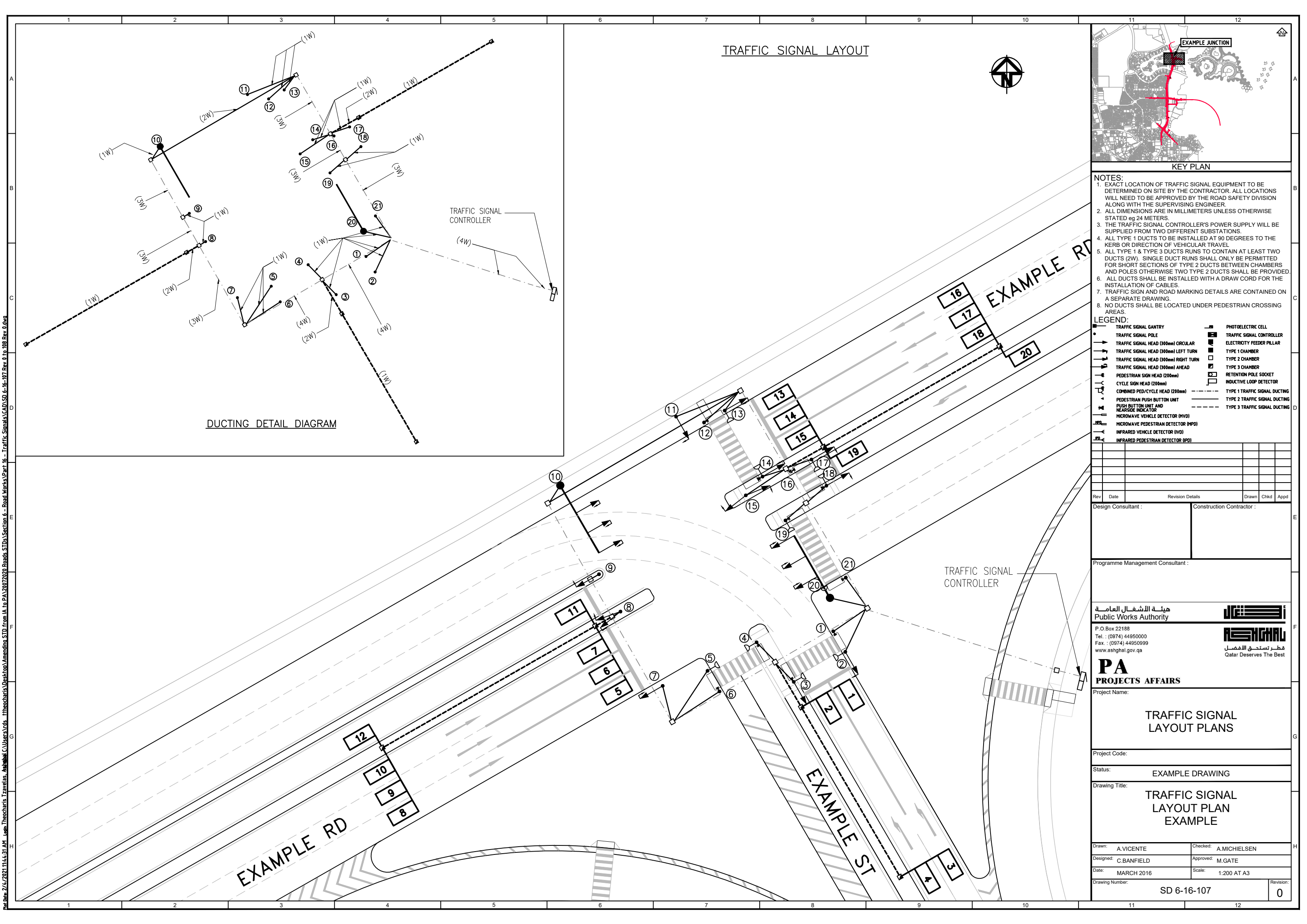
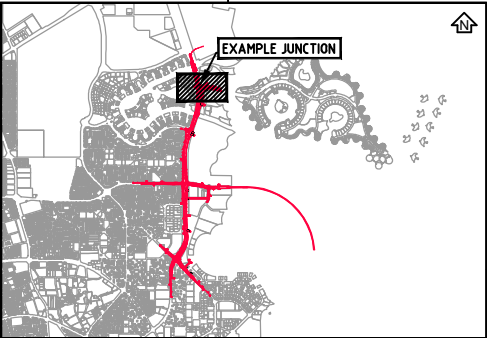




TRAFFIC SIGNAL LAYOUT



KEY PLAN

- NOTES:
1. EXACT LOCATION OF TRAFFIC SIGNAL EQUIPMENT TO BE DETERMINED ON SITE BY THE CONTRACTOR. ALL LOCATIONS WILL NEED TO BE APPROVED BY THE ROAD SAFETY DIVISION ALONG WITH THE SUPERVISING ENGINEER.
  2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED eg 24 METERS.
  3. THE TRAFFIC SIGNAL CONTROLLER'S POWER SUPPLY WILL BE SUPPLIED FROM TWO DIFFERENT SUBSTATIONS.
  4. ALL TYPE 1 DUCTS TO BE INSTALLED AT 90 DEGREES TO THE KERB OR DIRECTION OF VEHICULAR TRAVEL
  5. ALL TYPE 1 & TYPE 3 DUCTS RUNS TO CONTAIN AT LEAST TWO DUCTS (2W). SINGLE DUCT RUNS SHALL ONLY BE PERMITTED FOR SHORT SECTIONS OF TYPE 2 DUCTS BETWEEN CHAMBERS AND POLES OTHERWISE TWO TYPE 2 DUCTS SHALL BE PROVIDED
  6. ALL DUCTS SHALL BE INSTALLED WITH A DRAW CORD FOR THE INSTALLATION OF CABLES.
  7. TRAFFIC SIGN AND ROAD MARKING DETAILS ARE CONTAINED ON A SEPARATE DRAWING.
  8. NO DUCTS SHALL BE LOCATED UNDER PEDESTRIAN CROSSING AREAS.

LEGEND:

|  |                                         |  |                               |
|--|-----------------------------------------|--|-------------------------------|
|  | TRAFFIC SIGNAL GANTRY                   |  | PHOTOELECTRIC CELL            |
|  | TRAFFIC SIGNAL POLE                     |  | TRAFFIC SIGNAL CONTROLLER     |
|  | TRAFFIC SIGNAL HEAD (300mm) CIRCULAR    |  | ELECTRICITY FEEDER PILLAR     |
|  | TRAFFIC SIGNAL HEAD (300mm) LEFT TURN   |  | TYPE 1 CHAMBER                |
|  | TRAFFIC SIGNAL HEAD (300mm) RIGHT TURN  |  | TYPE 2 CHAMBER                |
|  | TRAFFIC SIGNAL HEAD (300mm) AHEAD       |  | TYPE 3 CHAMBER                |
|  | PEDESTRIAN SIGN HEAD (200mm)            |  | RETENTION POLE SOCKET         |
|  | CYCLE SIGN HEAD (200mm)                 |  | INDUCTIVE LOOP DETECTOR       |
|  | COMBINED PED/CYCLE HEAD (200mm)         |  | TYPE 1 TRAFFIC SIGNAL DUCTING |
|  | PEDESTRIAN PUSH BUTTON UNIT             |  | TYPE 2 TRAFFIC SIGNAL DUCTING |
|  | PUSH BUTTON UNIT AND NEARSIDE INDICATOR |  | TYPE 3 TRAFFIC SIGNAL DUCTING |
|  | MICROWAVE VEHICLE DETECTOR (MVD)        |  |                               |
|  | MICROWAVE PEDESTRIAN DETECTOR (MPD)     |  |                               |
|  | INFRARED VEHICLE DETECTOR (IVD)         |  |                               |
|  | INFRARED PEDESTRIAN DETECTOR (IPD)      |  |                               |

| Rev | Date | Revision Details | Drawn | Chkd | Appd |
|-----|------|------------------|-------|------|------|
|-----|------|------------------|-------|------|------|

Design Consultant : Construction Contractor :

Programme Management Consultant :

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**PA**  
PROJECTS AFFAIRS

Project Name:

TRAFFIC SIGNAL  
LAYOUT PLANS

Project Code:

Status: EXAMPLE DRAWING

Drawing Title:  
TRAFFIC SIGNAL  
LAYOUT PLAN  
EXAMPLE

Drawn: A.VICENTE Checked: A.MICHIELSEN

Designed: C.BANFIELD Approved: M.GATE

Date: MARCH 2016 Scale: 1:200 AT A3

Drawing Number: SD 6-16-107 Revision: 0