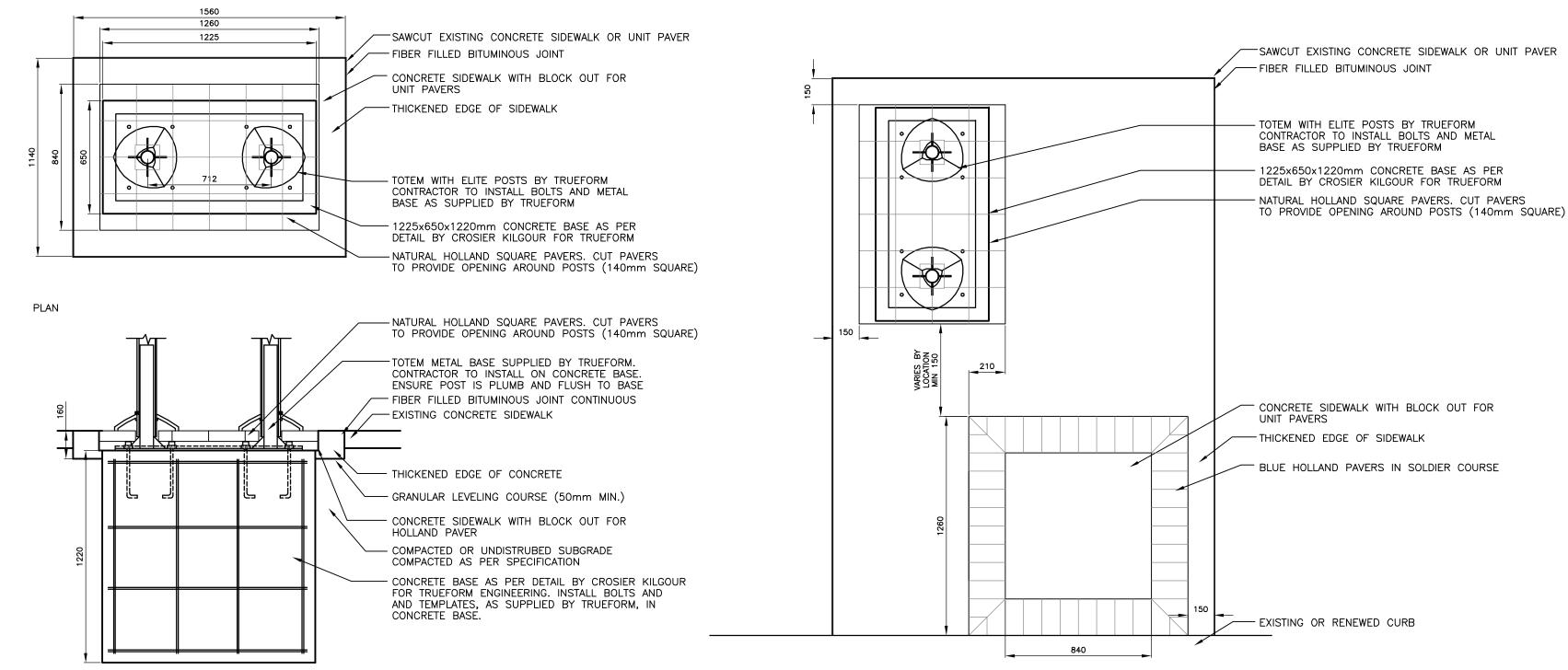


BUS STOP FLAG BASE WITH CONCRETE SIDEWALK

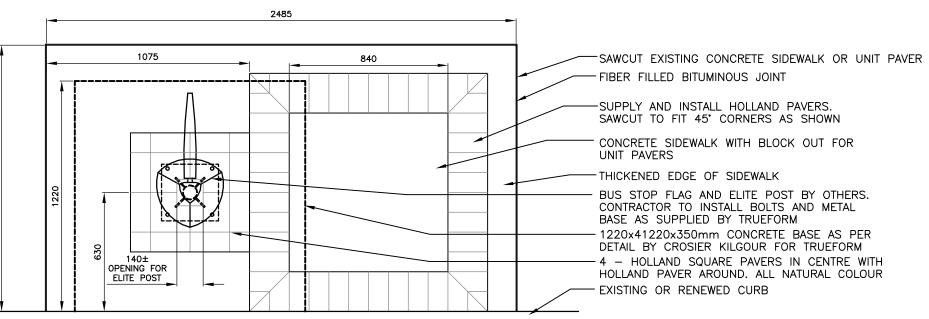
1 & UNIT PAVER INSERT

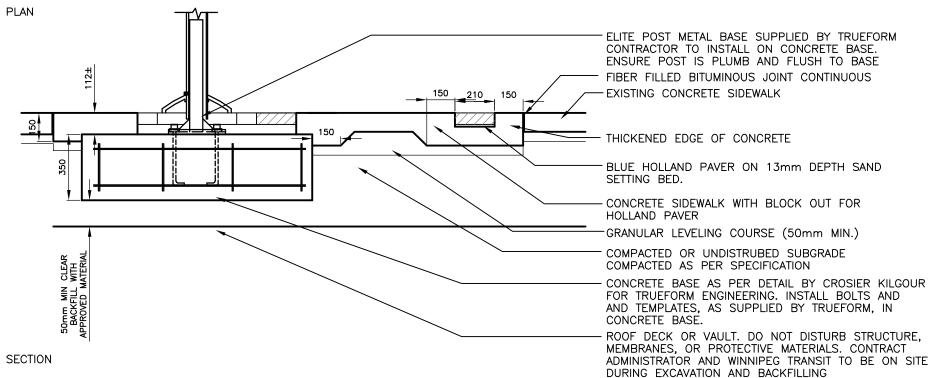
L1.1 N.T.S.



PLAN WITH UNIT PAVER SQUARE

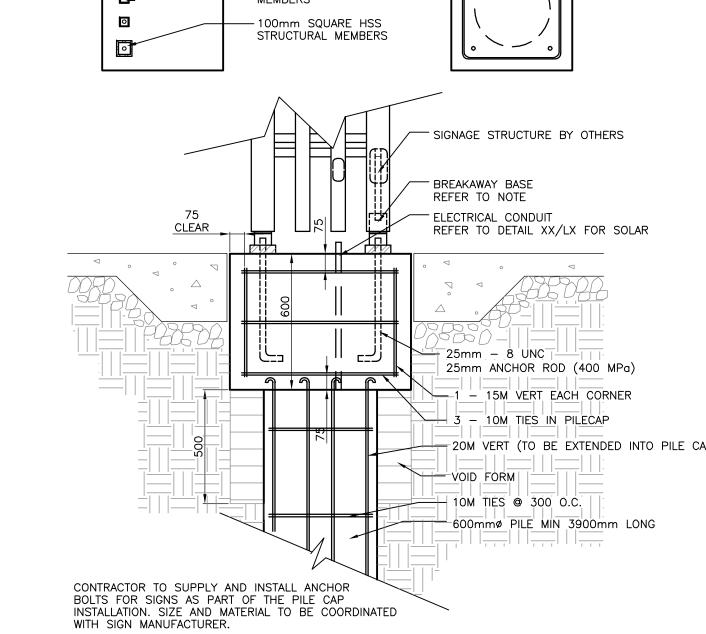
TOTEM BASE IN CONCRETE SIDEWALK L1.1 N.T.S.



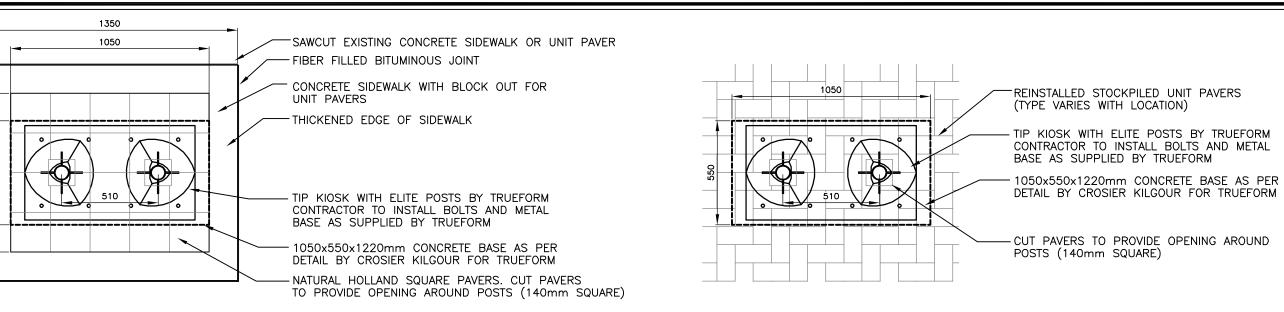


BUS STOP FLAG BASE WITH CONCRETE SIDEWALK 2 & UNIT PAVER INSERT AT UNDERGROUND ROOF DECK L1.1 N.T.S.

TIP KIOSK BASE IN CONCRETE SIDEWALK L1.1 N.T.S.



L1.1 N.T.S.



PLAN

SECTION

GENERAL CONCRETE NOTES

1. ALL DIMENSIONS SHALL BE CHECKED AND

SERVICES PRIOR TO COMMENCING SITE WORK.

OF THE CONTRACT ADMINISTRATOR

VERIFIED PRIOR TO COMMENCING CONSTRUCTION. 2. CONFIRM THE LOCATION OF ALL SUBGRADE

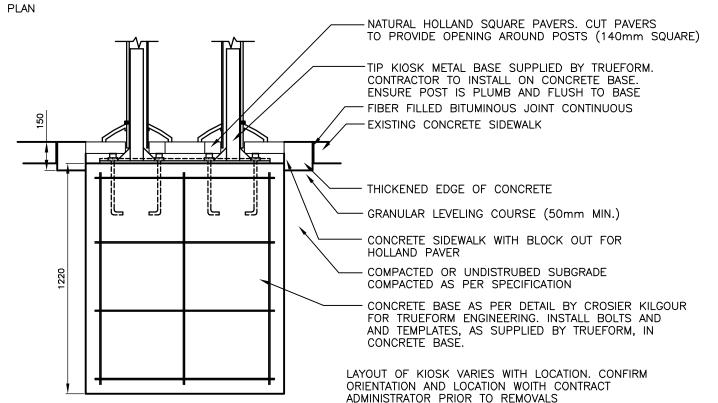
3. EXCAVATE ALL TOPSOIL, ORGANIC MATERIAL AND LOOSE OR UNSUITABLE FILL TO THE APPROVAL

4. EXCAVATE BELOW SLABS ON FILL TO PROVIDE A

MINIMUM OF 150mm OF GRANULAR. FILL SHALL

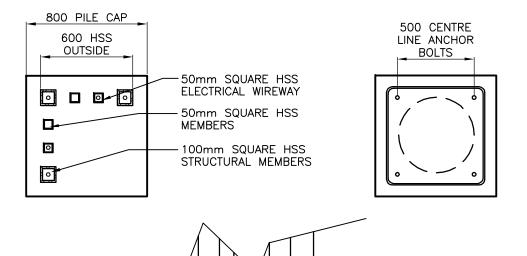
L1.1 N.T.S.

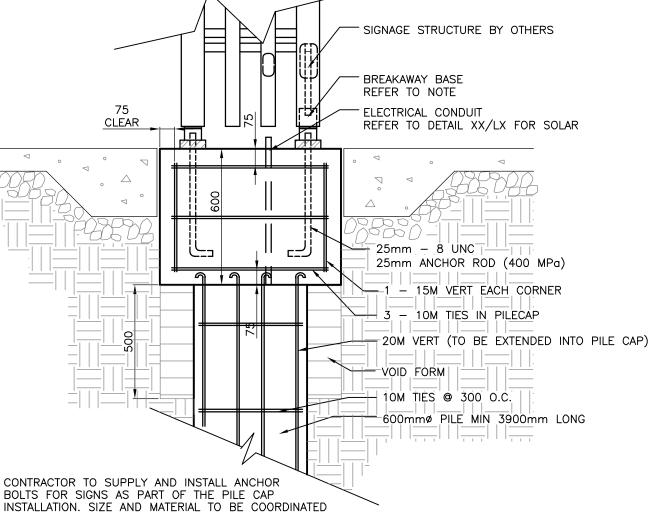
TIP KIOSK BASE IN UNIT PAVER



ADMINISTRATOR PRIOR TO REMOVALS

SECTION





CONCRETE PILE AND PILE CAP FOR 6 ILLUMINATED SIGNAGE STRUCTURE

BE COMPACTED TO 95% MODIFIED PROCTOR 5. CONSTRUCTION JOINT LOCATIONS ARE TO BE APPROVED BY THE CONTRACT ADMINISTRATOR. 6. ALL CONCRETE PILES AND BASES TO BE REVIEWED AND APPROVED BY SIGNAGE & SHELTER MANUFACTURERS' STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION. CONTRACTOR TO MAKE ANY CHANGES REQUIRED AT NO EXTRA COST. REINFORCING NOTES 7. PERFORM CONCRETE REINFORCING WORK IN 7CCORDANCE WITH CAN3-A23.3-M84 UNLESS Revisions INDICATED OTHERWISE. Scale 8. ALL REINFORCING BARS SHALL BE DEFORMED

15-02-08

Designed By

FOREIGN COATING WHICH WOULD REDUCE THE BOND TO CONCRETE. 11. SHOP DRAWINGS SHALL BE SUBMITTED WHICH CLEARLY INDICATE BAR SIZES, SPACINGS, LOCATIONS AND QUANTITIES OF REINFORCING STEEL AND WIRE FABRIC, BENDING AND CUTTING SCHEDULES, AND SUPPORTING AND SPACING DEVICES FOR REVIEW PRIOR TO FABRICATION OF THE REINFORCING STEEL. DETAIL IN ACCORDANCE WITH THE LATEST ACI DETAILING MANUAL. CONCRETE NOTES 12. ALL CONCRETE WORK SHALL BE IN ACCORDANCE

BARS WITH A MINIMUM SPECIFIED YIELD

CAN 630.18 M92.

TOP AND BOTTOM

POURING CONCRETE.

STRENGTH 400MPA FOR 20M BARS AND 300MPa FOR 15M AND 10M BARS IN ACCORDANCE WITH

9. COVER TO REINFORCING: SLABS 50mm CLEAR

CLEAN, FREE OF LOOSE SCALE, DIRT, OR OTHER

10. BEFORE PLACING ENSURE REINFORCING IS

WITH CAN3-A23.1-M90 - CONCRETE MATERIALS AND METHODS OF CONCRETE CONSTRUCTION. 13. PROPORTION NORMAL DENSITY CONCRETE IN ACCORDANCE WITH CON-A23.1-M90. REFER TO SPECIFICATION FOR DESIGN MIXES. 14. CONSTRUCT FORMWORK, SHORING AND BRACING TO MEET DESIGN, CODE AND CAN3.A23.1-M90 REQUIREMENTS, ACCURATELY, SO THAT RESULTANT FINISHED CONCRETE CONFORMS TO SHAPES, LINES AND DIMENSIONS INDICATED ON THE DRAWINGS. 15. CONSTRUCTION JOINTS, POUR SCHEDULING AND WORK PROCEDURES SHALL BE DISCUSSED WITH THE CONSULTANT PRIOR TO COMMENCING 16. FOR COLD WEATHER CONCRETING ALL ICE, SNOW AND FROST SHALL BE REMOVED FROM FORMWORK AND THE TEMPERATURES OF ALL CONTACT SURFACES SHALL BE RAISED ABOVE 10°C FOR 24 HOURS PRIOR TO CASTING CONCRETE. CONCRETE SHALL BE NOT LESS THAN 20°C NOR MORE THAN 30°C FOR 3 DAYS AND NOT LESS THAN 5°C FOR AN ADDITIONAL 4 DAYS. 17. NOTIFY THE CONSULTANT 48 HOURS PRIOR TO

18. THREE CONCRETE TEST CYLINDERS AND ONE SLUMP TEST SHALL BE TAKEN FOR EVERY 75 CUBIC METRES OF EACH CLASS OF CONCRETE PLACED OR FOR EACH DAY OF CONCRETE

PLACEMENT IF THE LATTER IS LESS THAN 75

CUBIC METRES. TESTING SHALL BE PERFORMED IN ACCORDANCE WITH CAN3-A23.1-M90.

McGOWAN·RUSSELI

AS NOTED

Checked By

SR

Drawn By

REINSTALLED UNIT PAVERS. CUT PAVERS TO

TIP KIOSK METAL BASE SUPPLIED BY TRUEFORM.

CONTRACTOR TO INSTALL ON CONCRETE BASE.

- COMPACTED OR UNDISTRUBED SUBGRADE

COMPACTED AS PER SPECIFICATION

LAYOUT OF KIOSK VARIES WITH LOCATION. CONFIRM

ORIENTATION AND LOCATION WOITH CONTRACT

ADMINISTRATOR PRIOR TO REMOVALS

- EXISTING BASE MATERIAL

ENSURE POST IS PLUMB AND FLUSH TO BASE

PROVIDE OPENING AROUND POSTS (140mm SQUARE)

CONCRETE BASE AS PER DETAIL BY CROSIER KILGOUR

FOR TRUEFORM ENGINEERING. INSTALL BOLTS AND

AND TEMPLATES, AS SUPPLIED BY TRUEFORM, IN

WINNIPEG TRANSIT

BUS STOP UPGRADE PROGRAM PHASE 3 SITE WORKS

Sheet Title **DETAILS**

Drawing No. Project No. 06-029

SECTION