

NOTES...

DESIGN ASSUMPTIONS...

- WIND REGION 'A' (THUNDERSTORMS)
 LOW IMPORTANCE STRUCTURE
 NORMAL TOPOGRAPHIC SITUATION
 TERRAIN CATEGORY '2'
 DESIGN ULTIMATE WIND VELOCITY
 38.9 m/sec.
 DRAG COEFFICIENT '1.5'
 ALLOWABLE BEARING CAPACITY OF GROUND 50 kPa

BEARING CAPACITY...

- CONFIRM THE SOIL BEARING CAPACITY ON SITE. IF LESS THAN 50kPa THEN FOUNDATION DEPTH WILL NEED TO BE INCREASED. IN THE EVENT OF ENCOUNTERING HARD ROCK ALTERNATIVE FOUNDATION DESIGN WILL BE NEGOTIATED

LOCATION...

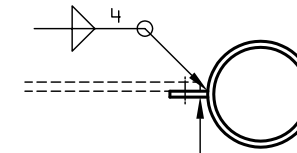
- SITE THIS STRUCTURE 10 METRES MINIMUM CLEAR OF BUILDINGS AND THE ROADWAY. IT IS NOT DESIGNED TO WITHSTAND A CYCLONE AND WILL BLOW OVER IN THAT EVENTUALITY.

STEELWORK...

- STEELWORK TO COMPLY WITH AS4100. USE GRADE 250 PLATE AND BLACK CHS.
- ALL WELDS TO COMPLY WITH AS1554. USE 5mm CONTINUOUS FILLET WELD UNLESS NOTED OTHERWISE.
- GRIND ALL CORNERS AND EDGES OF STEELWORK TO 1mm RADIUS PRIOR TO BLASTING AND PAINTING.
- SUBSTITUTE 114.3 x 4.5 CHS. IF THE 101.6 x 5.0 CHS. IS NOT AVAILABLE, BUT INCREASE THE SPACING BETWEEN COLUMNS ACCORDINGLY TO 1913 SO THAT THE SIGN BOARDS ARE THE SAME SIZE.

PAINTING...

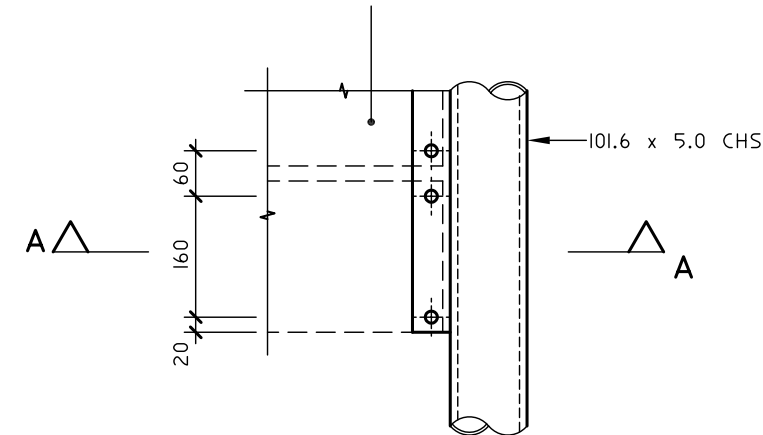
- PAINT SYSTEM SHALL BE A LONG LIFE SYSTEM TO AS/NZS 2312. BLAST ALL STEELWORK AFTER FABRICATION TO CLASS 2.5 THEN APPLY INORGANIC ZINC SILICATE TO GPC-C-29/8, HIGH BUILD EPOXY TO GPC-C-29/7 AND TWO PACK POLYURETHANE GLOSS TOP COAT GPC-C-29/11. MINIMUM DFT 260.
- PROVIDE PRODUCT DATA SHEETS AND PAINT MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS FOR APPROVAL. WHEN APPROVED, COMPLY STRICTLY WITH THE APPROVED SPECIFICATIONS OR REMOVE AND REPLACE PAINT WORK.



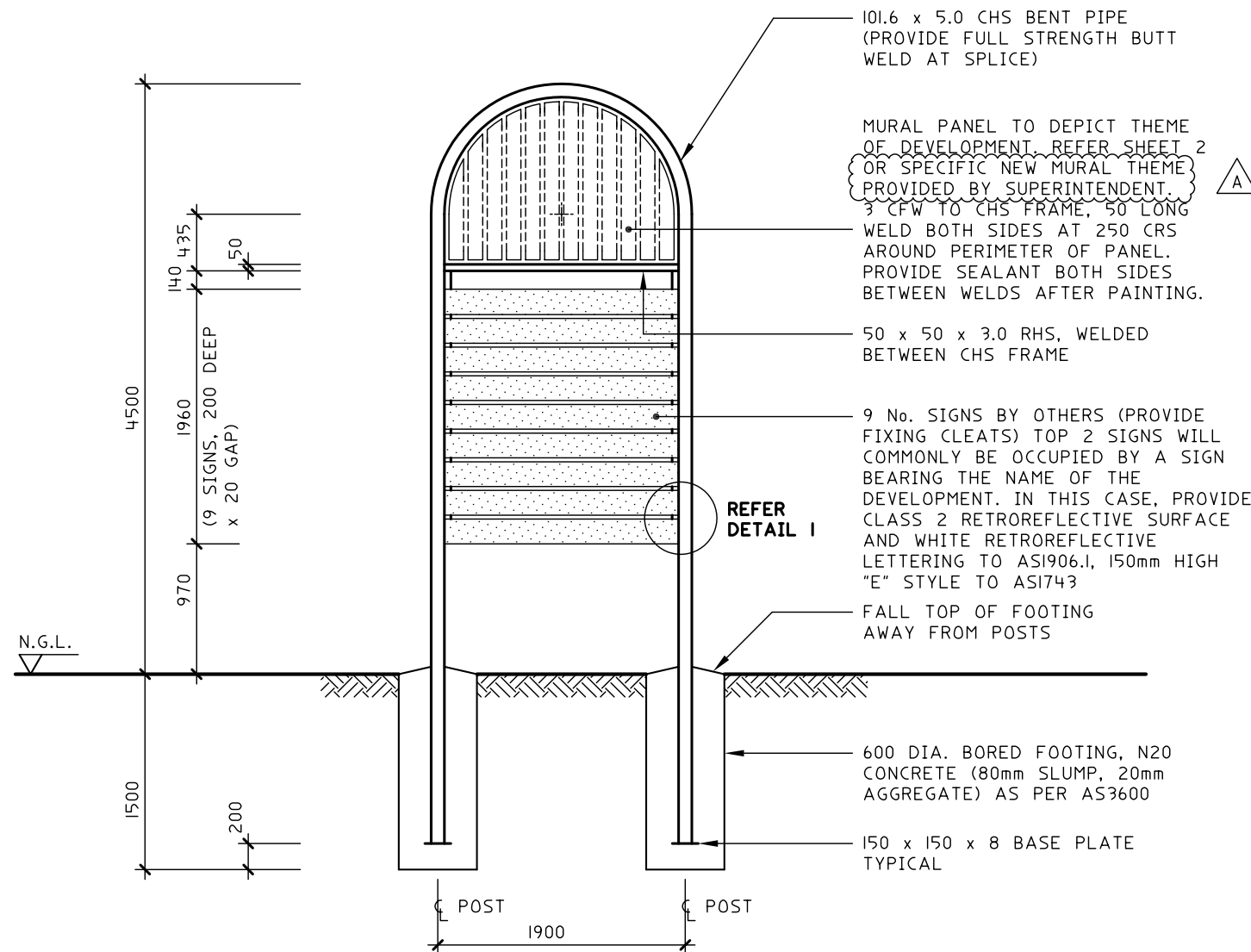
32 x 5 x 2100 LONG FLAT
 8 DIA. HOLES FOR SIGNS
 (CENTRES SHOWN BELOW)

SECTION A-A
 1 : 10

9 No. SIGNS, 200 DEEP
 WITH 20 GAP. (BY OTHERS)



DETAIL 1
 1 : 10



SIGN ELEVATION
 1 : 50

- 101.6 x 5.0 CHS BENT PIPE (PROVIDE FULL STRENGTH BUTT WELD AT SPLICE)
- MURAL PANEL TO DEPICT THEME OF DEVELOPMENT. REFER SHEET 2 OR SPECIFIC NEW MURAL THEME PROVIDED BY SUPERINTENDENT.
 3 CFW TO CHS FRAME, 50 LONG
- WELD BOTH SIDES AT 250 CRS AROUND PERIMETER OF PANEL. PROVIDE SEALANT BOTH SIDES BETWEEN WELDS AFTER PAINTING.
- 50 x 50 x 3.0 RHS, WELDED BETWEEN CHS FRAME
- 9 No. SIGNS BY OTHERS (PROVIDE FIXING CLEATS) TOP 2 SIGNS WILL COMMONLY BE OCCUPIED BY A SIGN BEARING THE NAME OF THE DEVELOPMENT. IN THIS CASE, PROVIDE CLASS 2 RETROREFLECTIVE SURFACE AND WHITE RETROREFLECTIVE LETTERING TO ASI906.1, 150mm HIGH "E" STYLE TO ASI743
- FALL TOP OF FOOTING AWAY FROM POSTS
- 600 DIA. BORED FOOTING, N20 CONCRETE (80mm SLUMP, 20mm AGGREGATE) AS PER AS3600
- 150 x 150 x 8 BASE PLATE TYPICAL

No.	AMENDMENT / DESCRIPTION	DATE	APPR.'D
A	DEPARTMENT LOGO ALTERED. NOTE AMENDED.	FEB.03	G.C.

DRAWN	T.F.	CHECKED	
DATE	APR'95	DATE	
DESIGN	G.C.	CHECKED	
DATE	APR'95	DATE	
PROJECT OFFICER		SUPERVISING ENG./ARCH.	
DATE		DATE	19.12.96


Northern Territory Government
 Department of Infrastructure, Planning and Environment

STANDARD DRAWING
MULTI-USER ADVERTISING SIGN FRAME
 4500mm HIGH VERSION
ELEVATION AND DETAILS

CAD FILE	SCALE
C(S)1821	AS SHOWN
SHEET	FILE No.
1 OF 2	CA95-0337
DRAWING No.	AMEND.
C(S)-1821	A