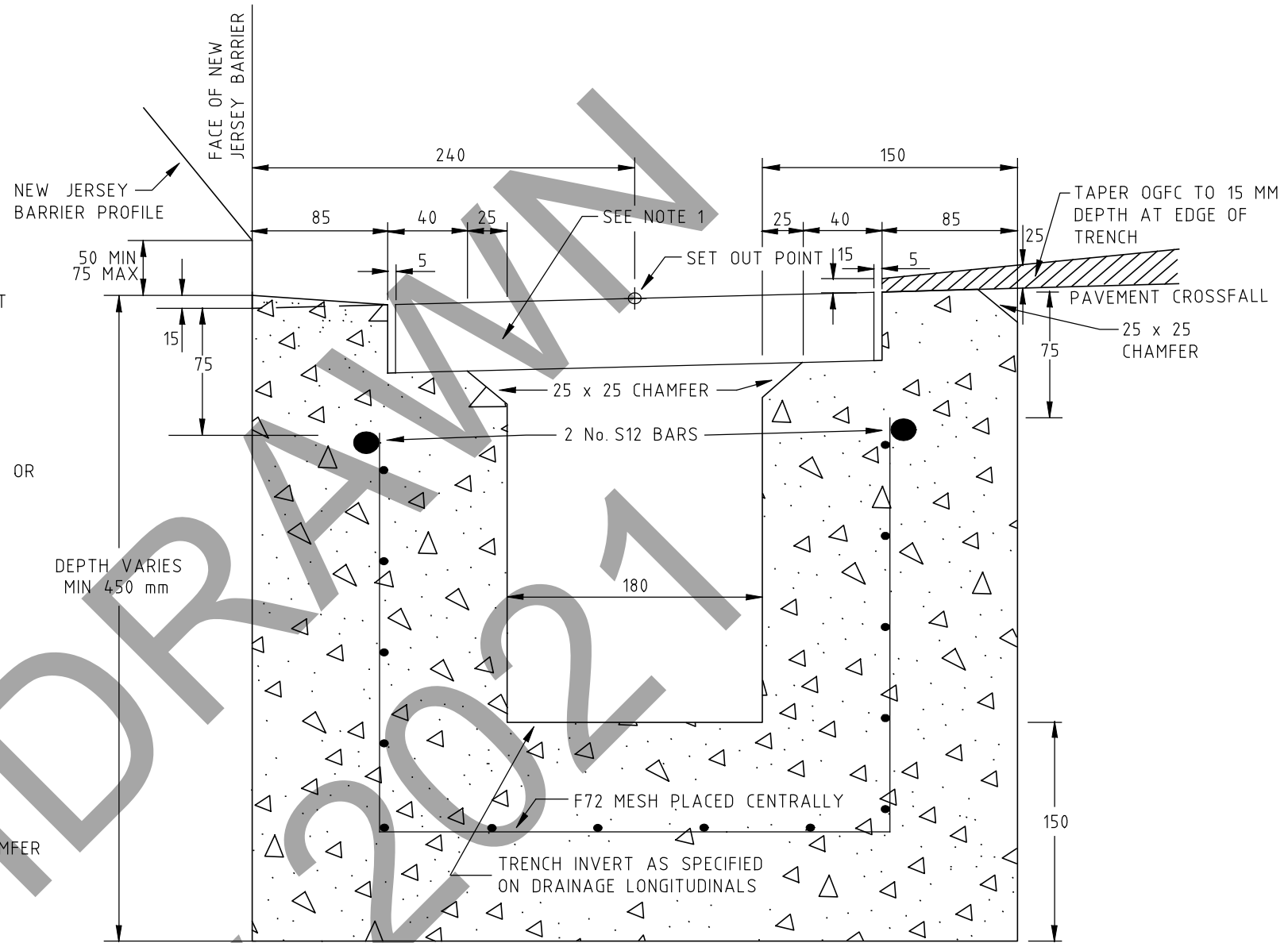
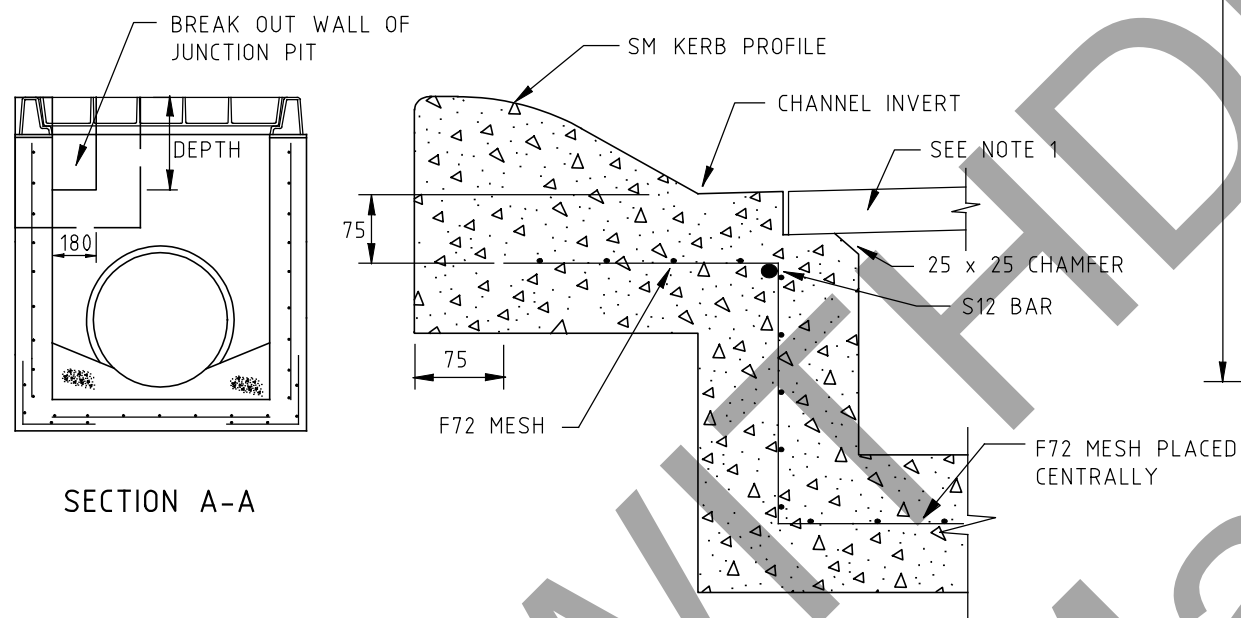


PLAN OF STEEL GRATE



TRENCH CROSS SECTION (NEW JERSEY BARRIER)



SECTION A-A

TRENCH CROSS SECTION (MODIFIED SM KERB)

NOTES:


- GRATE UNITS SHALL HAVE ADEQUATE HYDRAULIC CAPACITY AND SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
  - CAPABLE OF SUPPORTING CLASS D MINIMUM ULTIMATE LIMIT STATE DESIGN LOAD TO AS 3996/1992 WITHOUT STRUCTURAL FAILURE.
  - HOT DIP GALVANISED AFTER FABRICATION TO AS/NZS 4680.
  - INSTALLED STRICTLY ACCORDING TO MANUFACTURER'S REQUIREMENTS.
- REINFORCEMENT FABRIC SHALL COMPLY WITH AS/NZS 4671 AND SHALL BE CONTINUOUS AROUND CORNERS LOCATED AS SHOWN ON THE CROSS SECTIONS. LAPS 300 MINIMUM.
- REINFORCEMENT BARS SHALL COMPLY WITH AS/NZS 4671, GRADE 400Y LOCATED AS SHOWN ON THE CROSS SECTIONS. LAPS 25 x BAR DIAMETER MINIMUM.
- CONCRETE SHALL BE NORMAL-CLASS N32 STANDARD STRENGTH GRADE OR HIGHER COMPLYING WITH THE REQUIREMENTS OF AS 1379. EXPOSURE CLASSIFICATIONS UP TO AND INCLUDING B1.
- OGFC DENOTES OPEN GRADED FRICTION COURSE.

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ISSUE	APP'D	DATE	AMENDMENT
E			
D			
C	J.K.	1/7/05	AS 1302 & 1304 SUPERSEDED BY AS/NZS 4671. AUSTRALIAN BRIDGE CODE 1996 SUPERSEDED BY AS 5100 BRIDGE CODE
B	J.B.	1/8/02	AMENDMENT TO NOTE 1 AS/NZS 4680
A	J.C.	1.2.98	AMENDMENT TO NOTE 4, CONCRETE STRENGTH GRADES.

GENERAL NOTES	
1. ALL DIMENSIONS ARE IN MILLIMETRES	SD 1051
2. PIT COVERS	SD 1131
3. JUNCTION PIT - CAST IRON COVER	SD 3901
4. NEW JERSEY BARRIER	SD 2001
5. KERBS	

DESIGNED	PRINCIPAL ROAD DESIGN ENGINEER
APPROVED	1.7.95 <i>J. Cunningham</i>
CATALOG PROJECT FILENAME	PRED sddgnnew sd-1501c.dgn


 3 PROSPECT HILL ROAD, CAMBERWELL, VICTORIA, 3124  
 PHONE NO. (03) 9811 8355 FAX NO. (03) 9811 8329

SCALE HOR OF METRES VER NOT TO SCALE

STANDARD DRAWING				
GRATED TRENCH				
FILE NO.	CONTRACT NO.	SHEET NO.	DRAWING NO.	ISSUE
			SD 1501	C