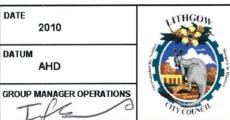


STANDARD FLOODWAY WITHIN PATHWAY ALIGNMENTS

NOTES:

- 1. ALL DIMENSIONS IN MILLIMETRES
- 2. ALL CONCRETE TO BE 20MPa



LITHGOW CITY COUNCIL

PROJECT STANDARD DETAILS

DESCRIPTION

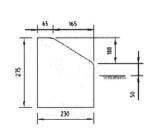
FLOODWAY WITHIN PATHWAY ALIGNMENTS

DWG No

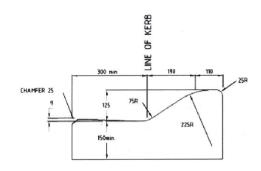
EN 1005

JOB No

SHEET No

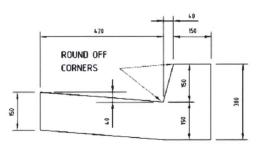


SEMI-MOUNTABLE KERB

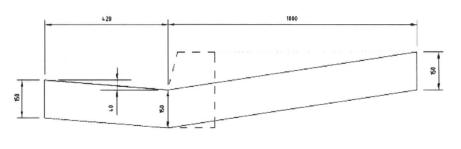


TYPICAL KERB AND GUTTER PROFILE

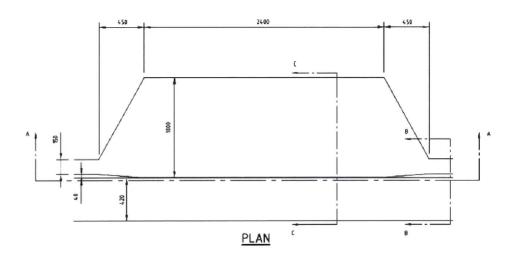
SEMI MOUNTABLE TYPE

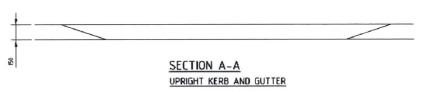


SECTION B-B



SECTION C-C





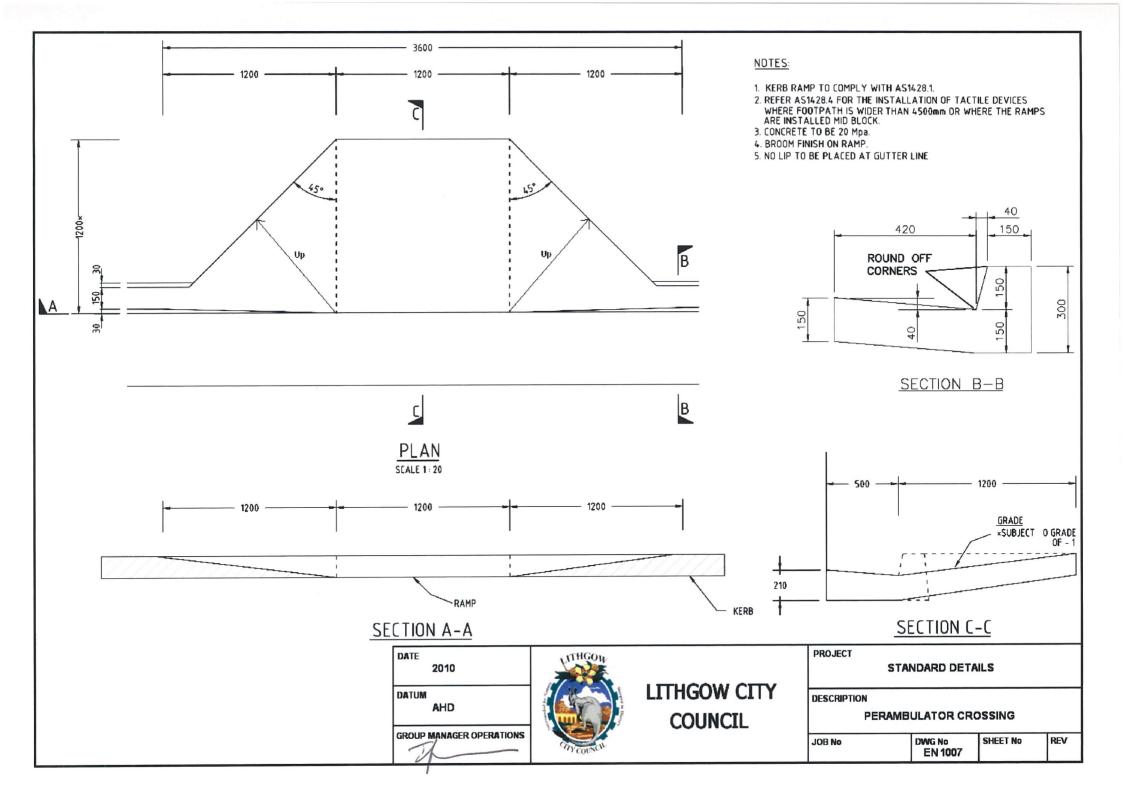
NOTES:

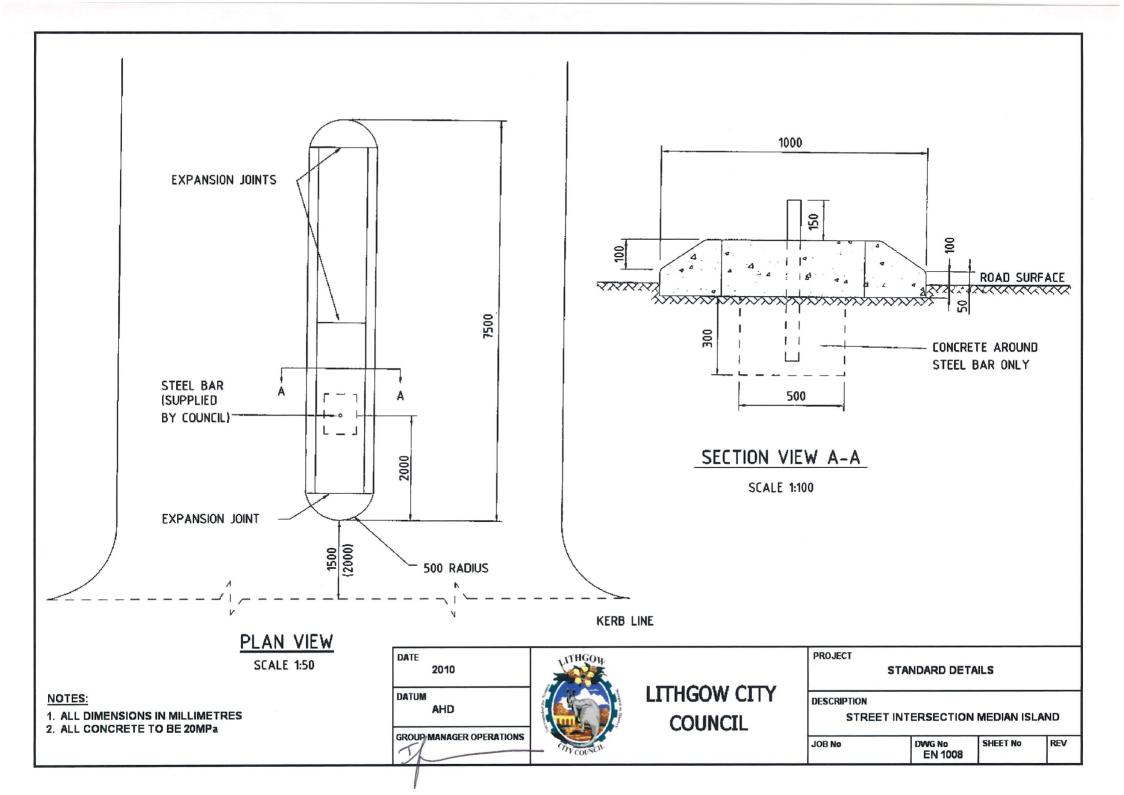
- 1. ALL DIMENSIONS IN MILLIMETRES
- 2. ALL CONCRETE TO BE CLASS 20
- 3. FULL HEIGHT LAYBACK TO BE USED IN LOCATIONS WHERE DEPTH OF FLOW IS A CONCERN

| DATIBA | | |
|--------|---------------|--|
| DATUM | AHD | |
| | MANAGER OPERA | |

LITHGOW CITY
COUNCIL

| PROJECT STANDARD DETAILS | | | | | | |
|------------------------------|--------|----------|-----|--|--|--|
| DESCRIPTION KERB AND GUTTER | | | | | | |
| JOB No | DWG No | SHEET No | REV | | | |





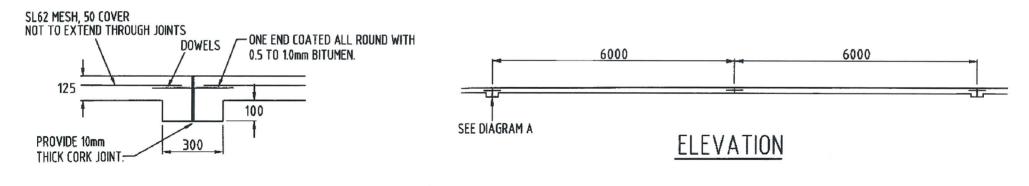
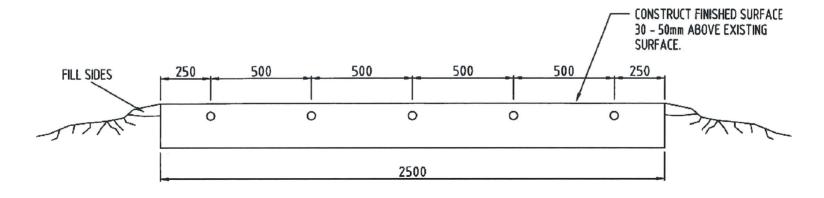


DIAGRAM A



X-SECTION

NOTES:

DOWELS: CONCRETE: 400mm LONG. R20 @ 500 c/c 20MPa AFTER 28 DAYS BROOM FINISH SURFACE

JOINTS:

ALL JOINTS ARE SMOOTH &/OR AT SAME LEVEL

REINFORCING: SL62 MESH, 50 CLEAR COVER

DATE
2010

DATUM
AHD

GROUP MANAGER OPERATIONS



LITHGOW CITY COUNCIL

PROJECT

STANDARD DETAILS

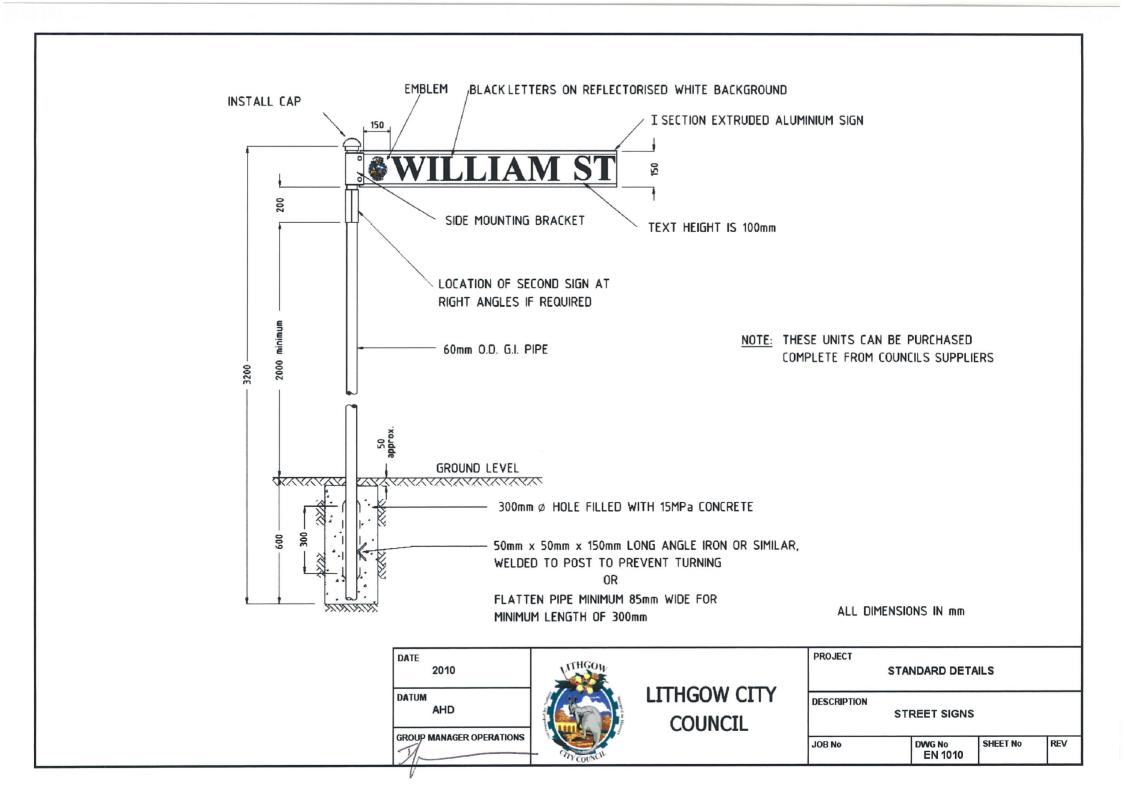
DESCRIPTION

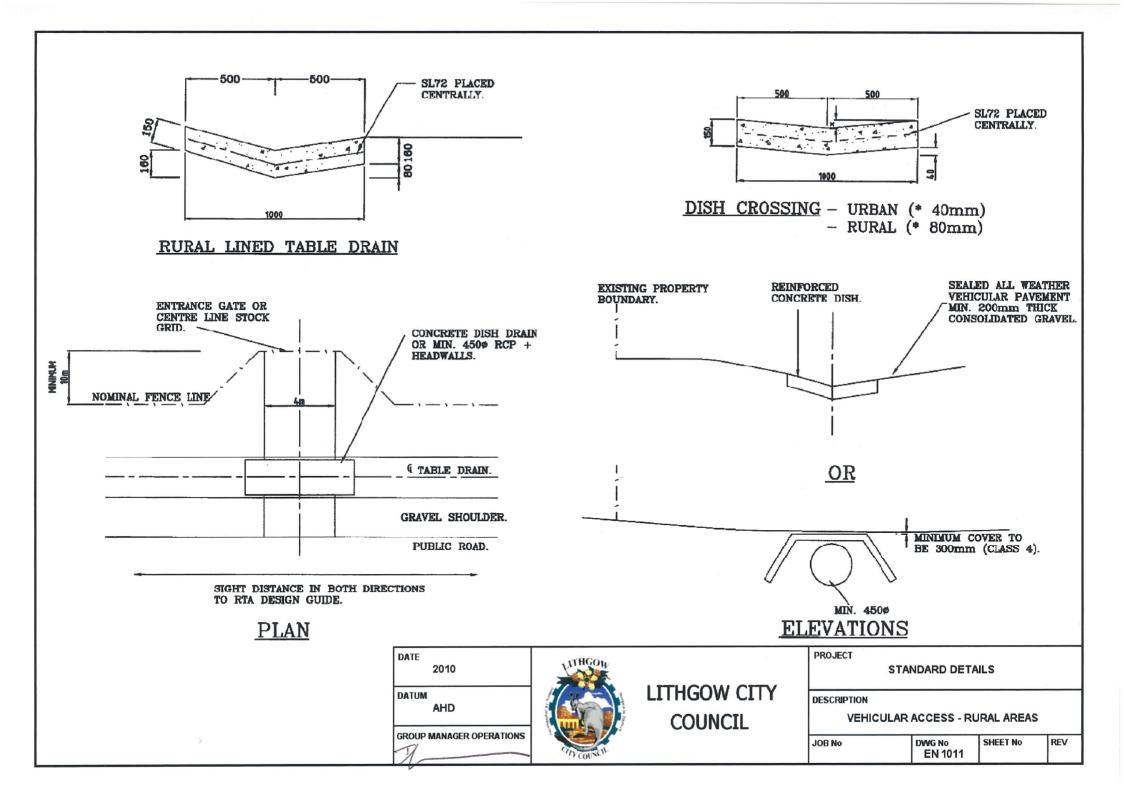
CONCRETE CYCLEWAY/ FOOTPATH DETAILS

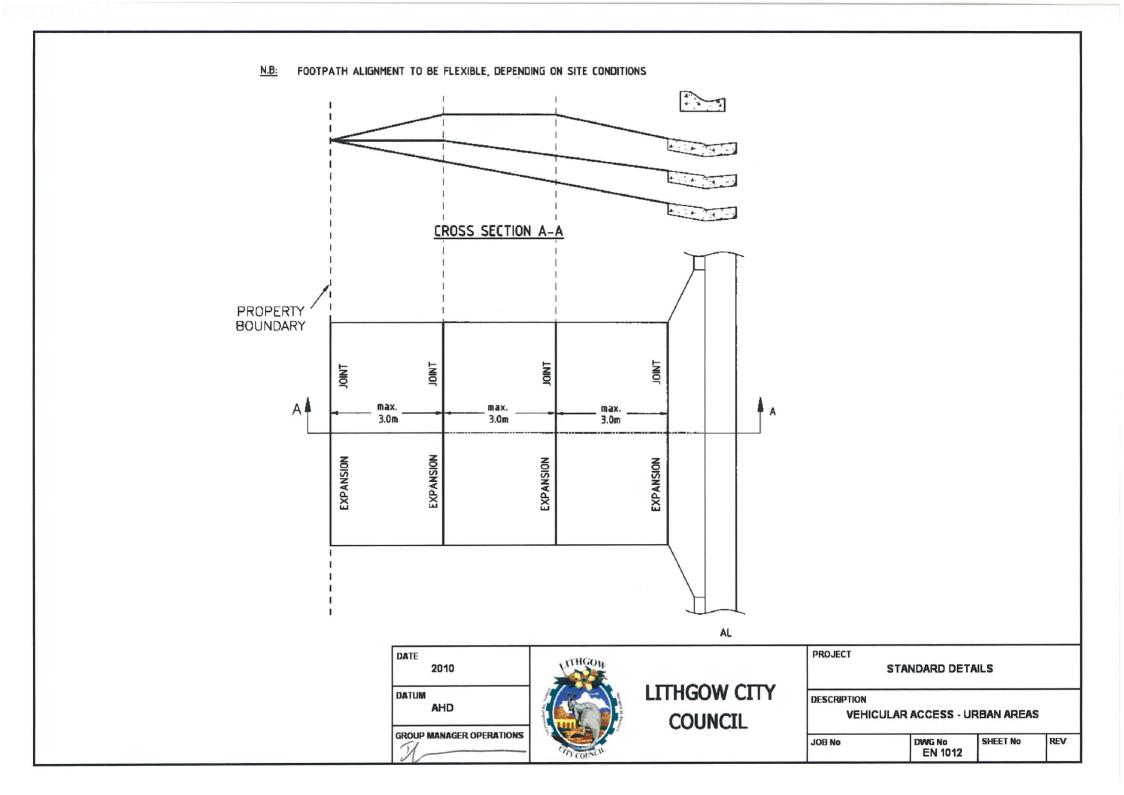
DWG No EN 1006

JOB No

SHEET No







NOTE: GUIDELINE ONLY

WHERE ANY BENCHING TO TAKE PLACE, WORK COVER SPECIFICATIONS TO BE CONSULTED PRIOR TO COMMENCEMENT OF ANY WORK

1. TRENCH DEPTH UP TO 1200mm

SHIELD NOT NORMALLY REQUIRED UNLESS GROUND UNSTABLE

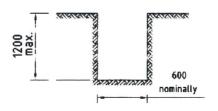


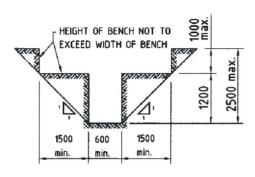
STABLE GROUND (EG GRANITE) BENCH BOTH SIDES OF TRENCH. UP TO A DEPTH OF 1000mm. (SEE NOTE.) THE DEEPER THE TRENCH THE WIDER THE BENCH.

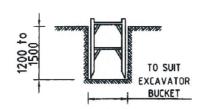
3. TRENCH DEPTH 2200mm TO 2500mm AND 1200mm TO 2500mm UNSTABLE GROUND

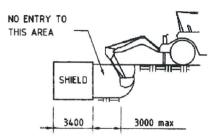
UNSTABLE GROUND (EG CLAY) OR TRENCHES 2200-2500mm DEEP, TRENCH SHIELD TO BE USED.

NOTE:- WIDTH CAN BE REDUCED TO 1m (MINIMUM SIZE), AN ORDINARY BACKHOE USED FOR EXCAVATION AND THE SHIELD INSTALLED AND MOVED WITH A CRANE.



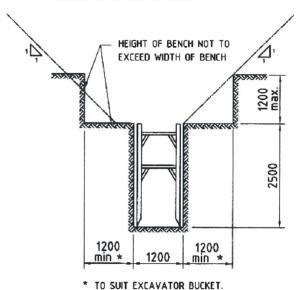






4. TRENCH DEPTH 2500mm - 3700mm

COMBINATION OF TRENCH SHIELD AND BENCHING TO BE USED AS SHOWN



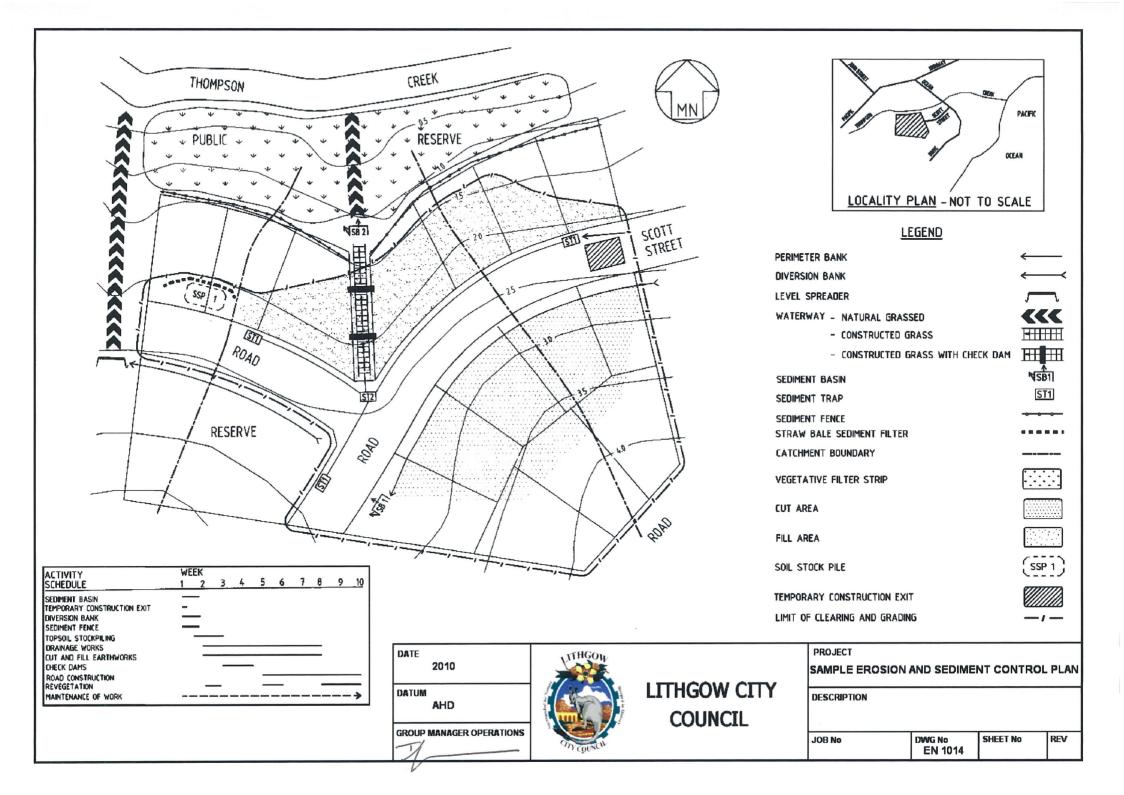
5. TRENCH DEPTH GREATER THAN 3700mm

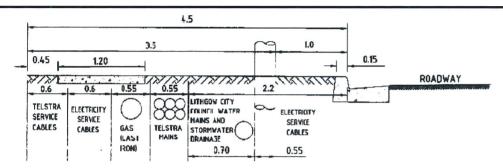
ADDITIONAL SHIELDING MAY BE HIRED, OR INCREASED BENCHING AUTHORISED BY WORKCOVER SPECIFICATIONS, DEPENDING ON THE GROUND CONDITIONS.

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LITHGOW CITY COUNCIL

| PROJECT | | | | | | |
|-------------------------------|--------|----------|-----|--|--|--|
| STANDARD DETAILS | | | | | | |
| | | | | | | |
| DESCRIPTION | | | | | | |
| TRENCH SHIELDING REQUIREMENTS | | | | | | |
| | | | | | | |
| JOB No | DWG No | SHEET No | REV | | | |

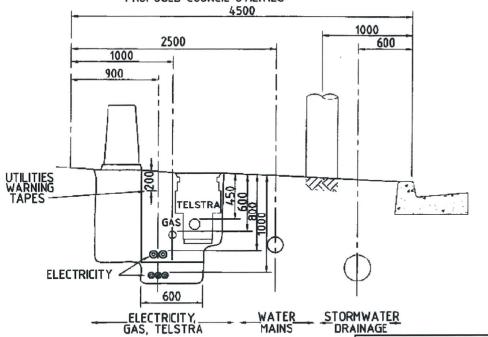




4.5 METRE FOOTPATH

NOTE

* THIS ALLOCATION IS ONLY AVAILABLE
WHEN a) APPROVED BY COUNCIL
b) THE PROPOSED CABLES DO NOT
CONFLICT WITH ANY EXISTING OR
PROPOSED COUNCIL UTILITIES



| HEIGHT OF TOP OF MANHOLE CO | vers, lid | S, VALV | E COVER | S ETC. | | |
|--|-------------------|---------|---------|--------|--|--|
| ABOVE TOP OF KERB. | | | | | | |
| PUBLIC UTILITY | WIDTH OF FOOTPATH | | | | | |
| | 3.75m | 4.5m | 6.0m | 7.5m | | |
| FENCE LINE LEVEL | 0.150m | 0.180m | 0.240m | .300m | | |
| TELSTRA JOINT PITS (SERVICE CABLES) | 0.138m | 0.168m | 0.228m | 0.288m | | |
| ELECTRICITY CABLES | 0.114m | 3.144m | 0.204m | 0.264m | | |
| GAS SIPHON COVERS | 0.091m | 0.121m | 0.181m | 0.241m | | |
| TELSTRA MANHOLES (MAINS) | C.069m | 1.099m | 0.159m | 0.219m | | |
| FOOTPATH LEVEL AT POWER POLES | 0.016m | 9.046m | 0.106 m | 0.166m | | |
| REAR EDGE OF DRAINAGE PIT COVERS (1.09M BEHIND FACE OF KERB) | 0 044m | 0.044m | 0.044m | 0.044m | | |

NOTES

1. MAY INCREASE DISTANCE TO 1,2m OR 1.8m IF NECESSARY TO CLEAR POWER POLES.
2. PIPES OF DIAMETER 750mm OR LARGER SHOULD BE LOCATED IN THE CENTRE OF THE CARRIAGEWAY OR MEDIAN STRIP

DATE 2010

DATUM AHD

GROUP MANAGER OPERATIONS



LITHGOW CITY
COUNCIL

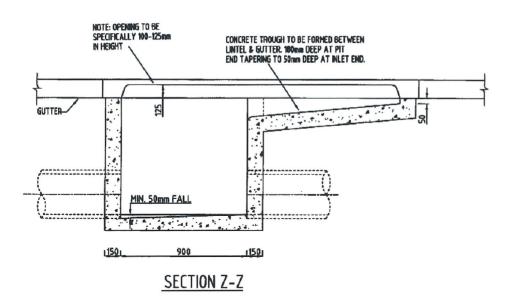
PROJECT

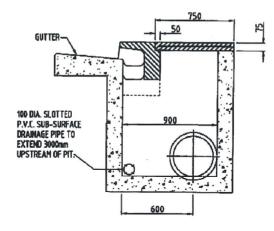
STANDARD DETAILS

DESCRIPTION

FOOTPATH ALLOCATIONS FOR PUBLIC UTILITY SERVICES

JOB No DWG No SHEET NO REV

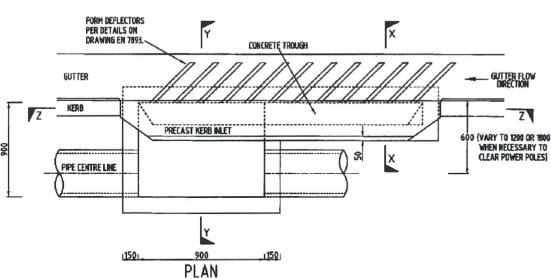


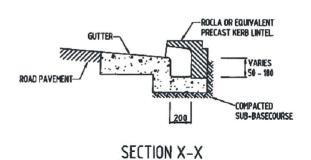


PIT COVERS

- 1. STANDARD SLABS ARE TO BE 700mm x 750mm x 75mm. 2. ARROW ON SLAB SHOWS DIRECTION OF KERB INLET.
- 3. SLABS ARE DESIGNED TO SPAN IN EITHER DIRECTION. 4. SLABS TO BE USED AS PER TABLE BELOW.
- 5. F710 REINFORCEMENT PLACED CENTRALLY IN SLAB. 6. 750mm WIDTH SLABS FOR 1800, 2500 & 3000 KERB INLETS.
- 7. PROVIDE AN APPROVED LIFTING EYE IN EACH SLAB.

| NOM SIZE OF KERB INLET | L | No. SLABS USED |
|------------------------|------|----------------|
| 1800 | 1850 | 3 @ 700mm |
| 2500 | 2500 | 4 @ 700mm |





SECTION Y-Y

NOTES:

- 1. ALL MEASURMENTS IN MILLIMETRES
- 2. CONCRETE TO BE 20MPa
- 3. REINFORCE SIDE WALLS WITH F72 MESH WHEN DEPTH IS GREATER THAN 1500mm
- 4. LOCATE STORM WATER PIPES OF DIAMETER GREATER THAN 900mm IN CENTRE OF CARRIAGEWAY OR MEDIAN STRIPS

(WITH COVER SLABS REMOVED)

DATE 2010

DATUM AHD

GROUP MANAGER OPERATIONS



COUNCIL

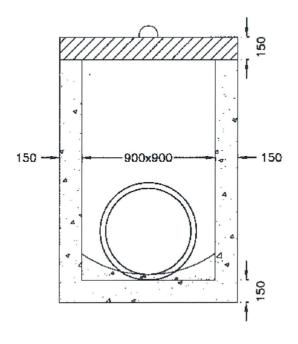
PROJECT

STANDARD DETAILS

DESCRIPTION

DRAINAGE PITS FOR USE WITH PRECAST KERB INLETS

JOB No DWG No SHEET NO REV



STANDARD JUNCTION PITS

DATE
2010

DATUM
AHD

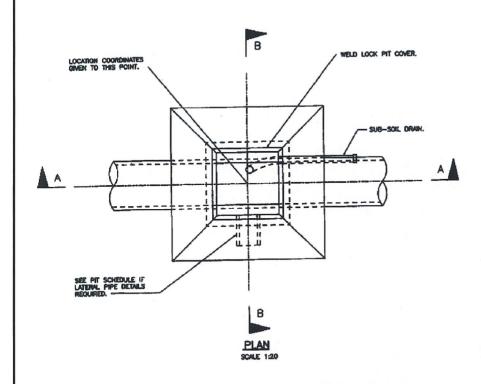
GROUP MANAGER OPERATIONS



PROJECT
STANDARD DETAILS

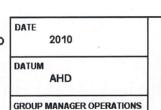
DESCRIPTION
JUNCTION PITS AND CATCH DRAINS

JOB No DWG No SHEET No REV
EN 1017



NOTES:

- CONCRETE TO HAVE A MINIMUM CRUSHING STRENGTH OF 20MPa AFTER 28 DAYS A.S 3600
- 2. PROVIDE CORROSION RESISTANT STEP IRONS SPACED AT 300mm CENTRES FOR PITS DEEPER THAN 1.2m
- 3. ALL SURFACE INLETPITS/SURCHARGE PITS TO BE APPROVED WITH LOCKING CLIP
- PITS GREATER THAN 1.8m DEEP TO HAVE WALLS AND BASE 200mm THICK, REINFORCEMENT TO BE F18 OR Y12 AT 200mm CENTRES
- 5. Y12 BARS TO HAVE 300mm MINIMUM LAP AT ALL JOINS (INCLUDING CORNERS)

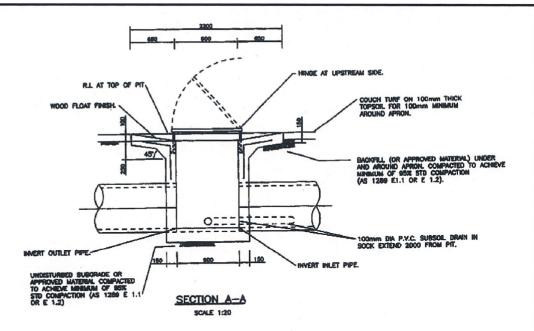


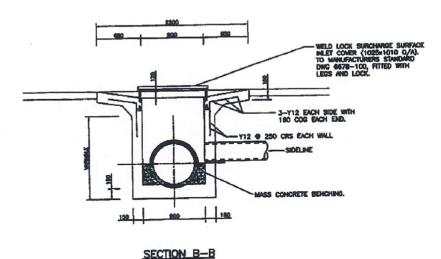
LITHGOW CITY
COUNCIL

PROJECT
STANDARD DETAILS

DESCRIPTION
SURFACE INLET / SURCHARGE PIT

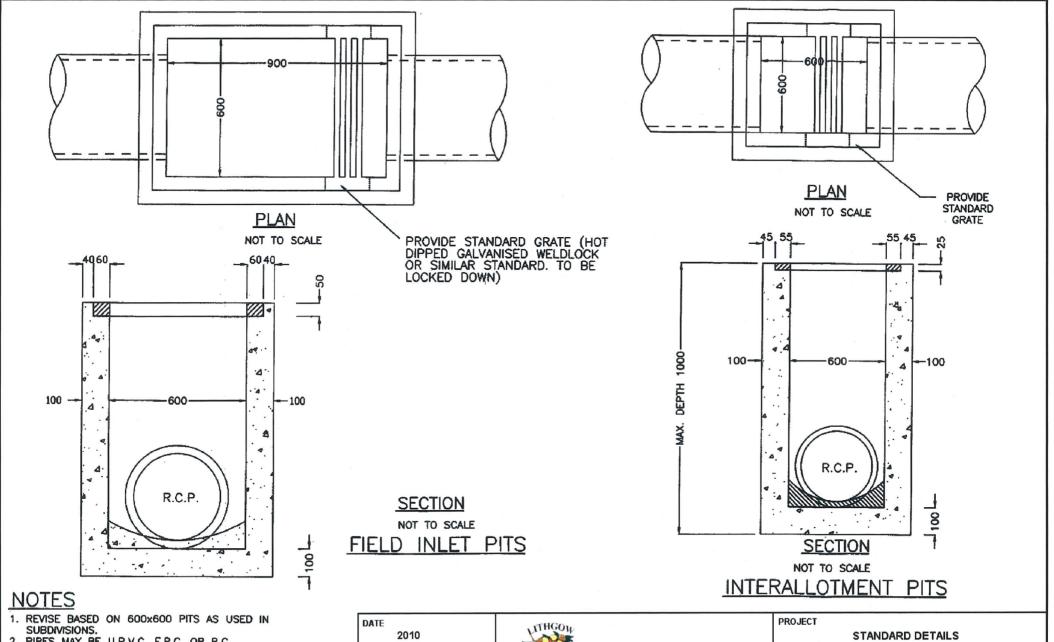
JOB No DWG No SHEET NO REV
EN 1018





PROJEC

SCALE 1:20



- 2. PIPES MAY BE U.P.V.C, F.R.C, OR R.C. 3. MINIMUM PIPEØ 150mm TO SERVE ONE
- RESIDENTIAL DWELLING.
- 4. LOCATE GENERALLY 1m FROM SIDE AND REAR OF PROPERTY BOUNDARIES.
- 5. THESE PIT DIMENSIONS ARE MINIMUM ONLY. LARGER PITS ARE TO BE USED WHERE HYDRAULIC CONDITIONS DICTATE.

DATUM

AHD

GROUP MANAGER OPERATIONS

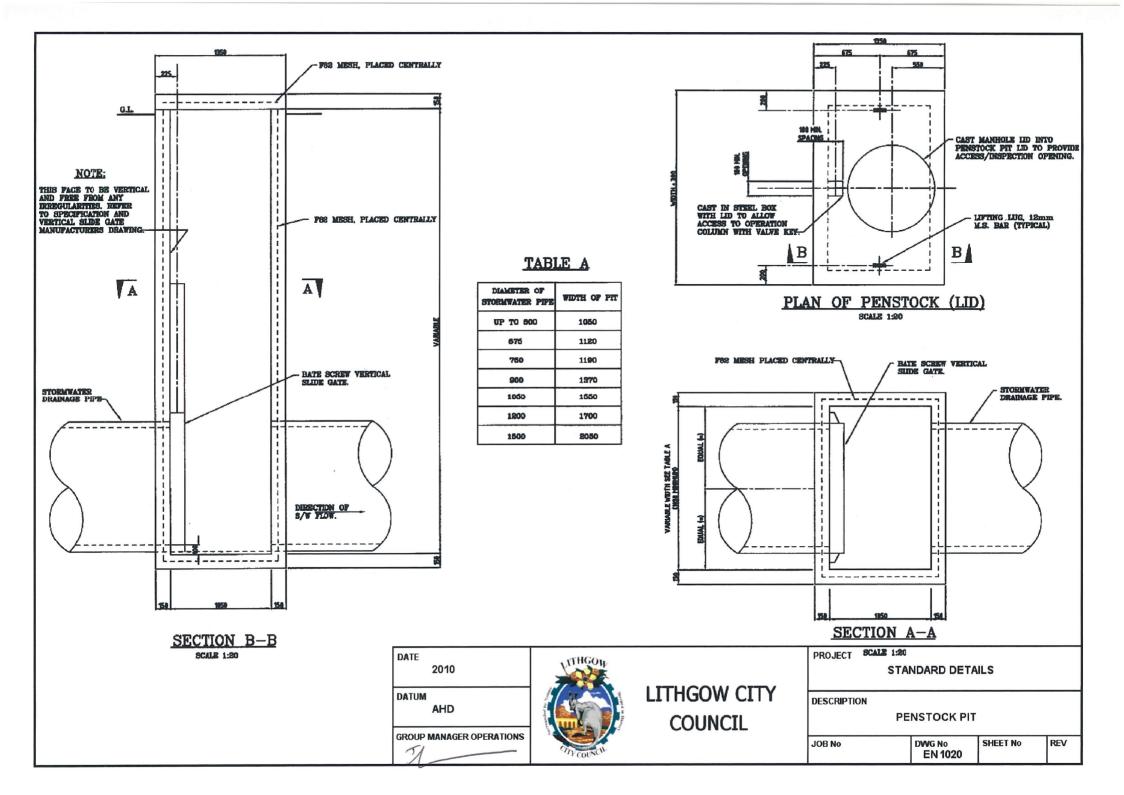


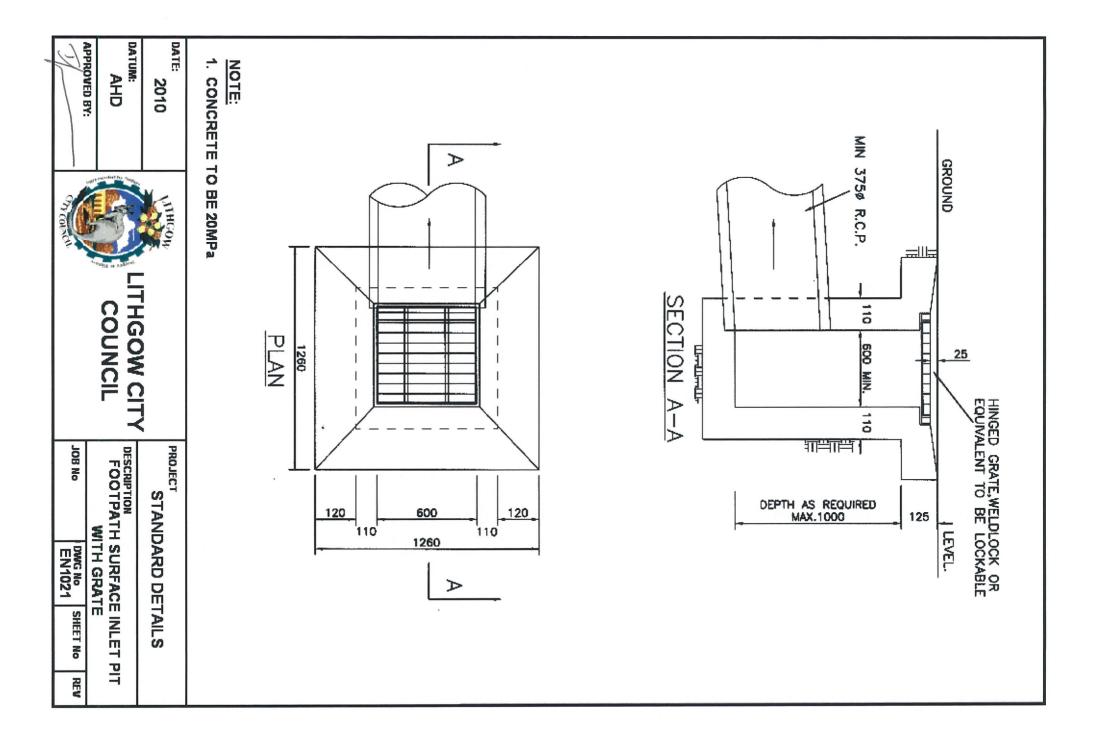
LITHGOW CITY COUNCIL

DESCRIPTION

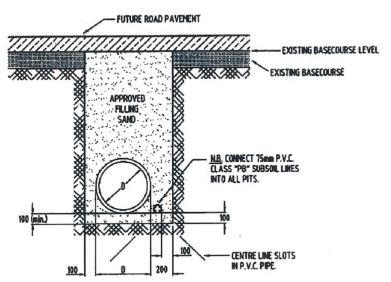
FIELD INLETS / INTERALLOTMENT PITS

JOB No DWG No EN 1019 **SHEET No**

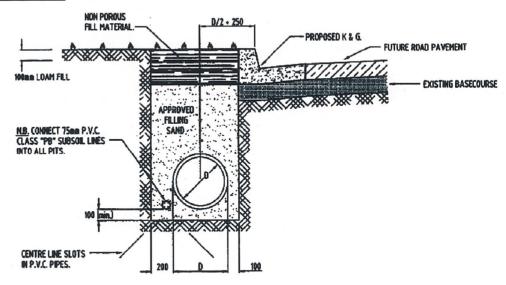




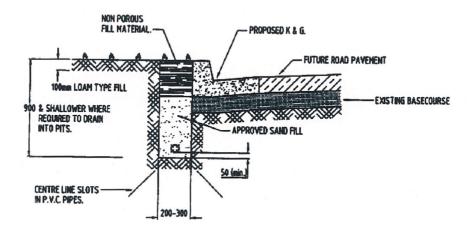
CASE No.1. PIPES IN ROADWAY.



CASE No.2. PIPES IN FOOTPATHS.



CASE No.3. SUBSOIL LINES IN FOOTPATHS.



NOTES:

- 1. COMPACT TRENCHES IN LAYERS NOT MORE THAN 250mm
 THICK TO A MINIMUM 95% OF THE STANDARD DRY DENSITY
 OF THE MATERIAL (100% COMPACTION UNDER ROADWAYS)
- 2. ALL MEASUREMENTS ARE IN MILLIMETRES
- 3. USE COMPACTED 27:1 (SAND:CEMENT) BACKFILL AS APPROVED SAND FILLING WHEN CROSSING EXISTING ROADS
- 4. MINIMUM TRENCH WIDTH TO BE 800mm

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GROUP MANAGER OPERATIONS

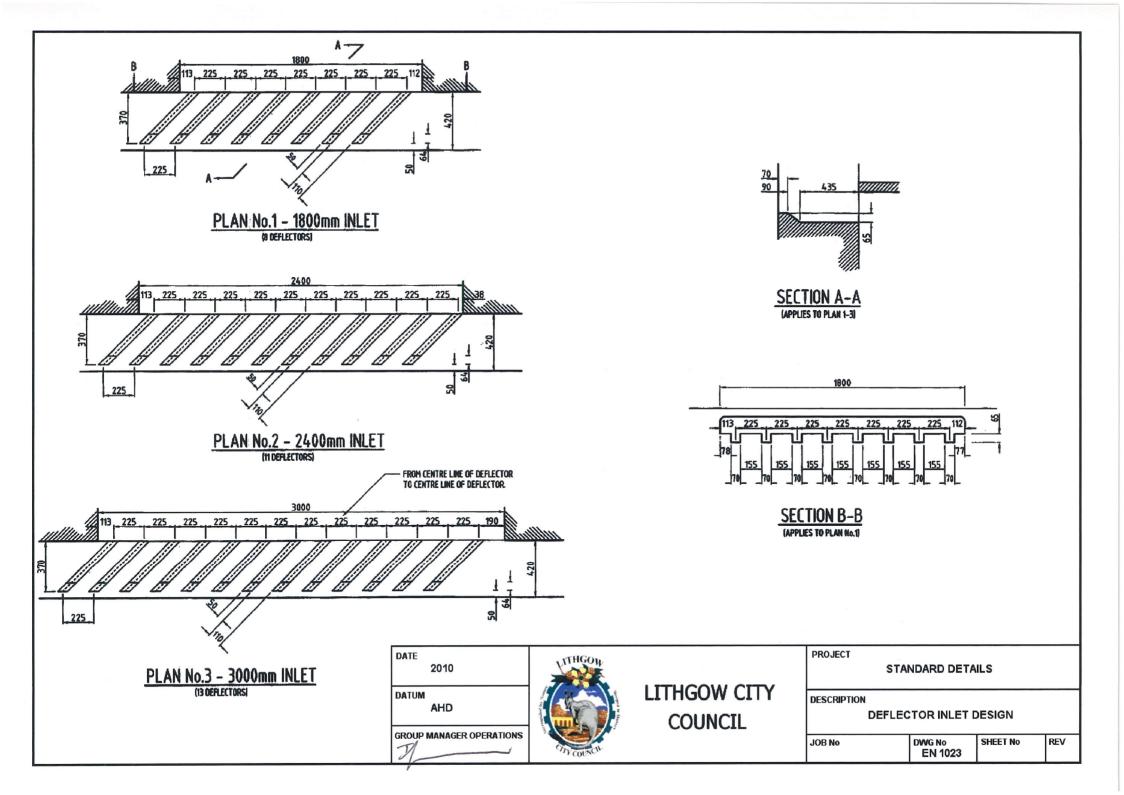


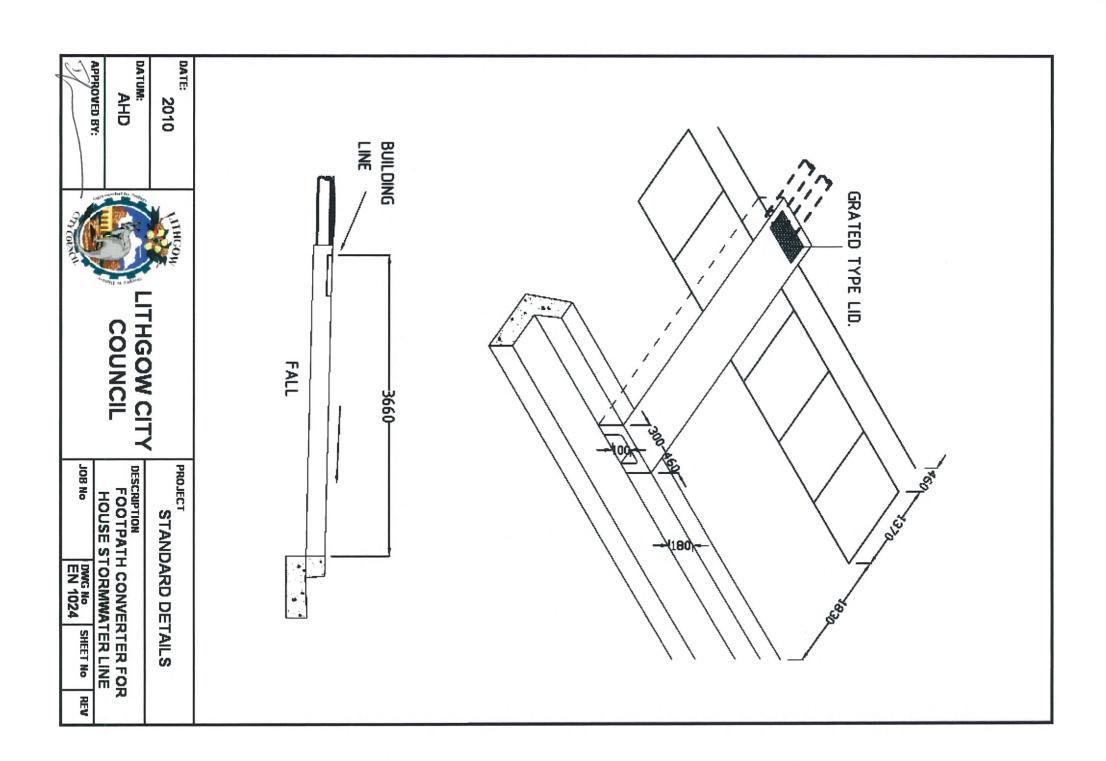
LITHGOW CITY COUNCIL

PROJECT
STANDARD DETAILS

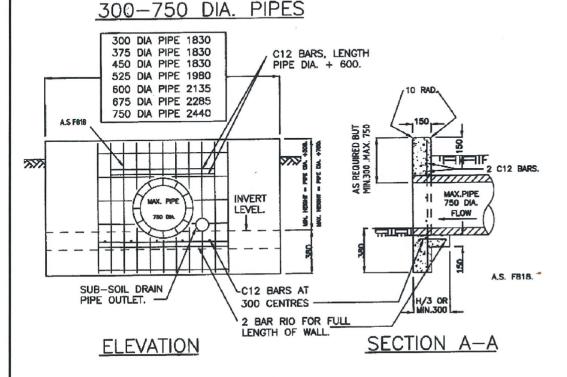
DESCRIPTION
STORMWATER DRAINAGE PIPE BEDDING DETAILS

JOB No DWG No SHEET NO REV

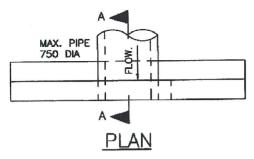




STRAIGHT CONCRETE HEADWALL



CONCRETE BULKHEAD FINISHED SURFACE FINISHED SURFACE SANO SYXXX FRENCH SIDES AXIS OF BUI KHEAD TO BE VERTICAL. 100 DIA. PIPE FILLED WITH APPROVED 100 DIA, PIPE FILLED FILTER MATTER. WITH APPROVED FILTER FABRIC. BOTTOM OF TRENCH **ELEVATION** SECTION B-B



NOTES FOR CONCRETE HEADWALL

- 1. MINIMUM COVER OF CONCRETE OVER REINFORCEMENT TO BE 40mm.
- COMPRESSIVE STRENGTH OF CONCRETE (f'c) AT 28 DAYS TO BE MINIMUM OF 20 MPa.
- 100 DIA. SUB—SOIL DRAIN PIPE 3000mm LONG TO BE PROVIDED IN PIPE TRENCH AT PIPE INVERT LEVEL.

NOTES FOR BULKHEAD

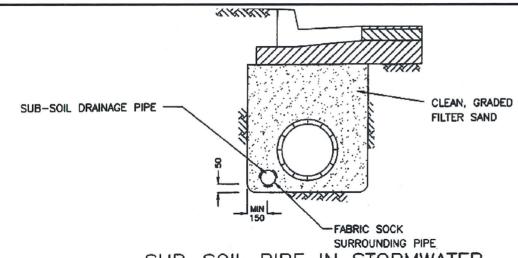
- 1. COMPRESSIVE STRENGTH OF CONCRETE (F'c) AT 28 DAYS TO BE 20 MPa.
- 2. WHERE GRADE EXCEEDS 16%

| DATE 2010 | ATHGOW | |
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| GROUP MANAGER OPERATIONS | | COOMOLE |

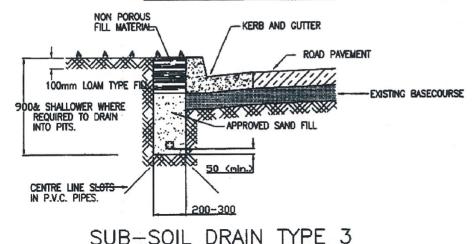
PROJECT
STANDARD DETAILS

DESCRIPTION
STRAIGHT HEADWALL AND CONCRETE BULKHEAD

JOB No DWG No SHEET NO REV

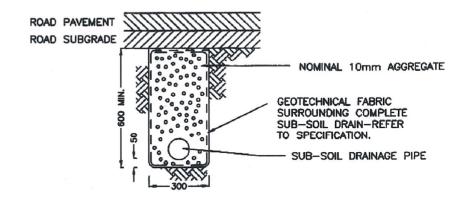


SUB-SOIL PIPE IN STORMWATER DRAINAGE TRENCH



ROAD SUBGRADE CLEAN, GRADED FILTER SAND, REFER TO NOTE 3 SUB—SOIL DRAINAGE PIPE FABRIC SOCK SURROUNDING PIPE

SUBSOIL DRAIN TYPE 1



NOTES:

- SUB-SOIL DRAINAGE DESIGN SHALL BE BASED ON THE DESIGN METHOD APPENDED TO A R.R.P PUBLICATION TITLED SUBSURFACE DRAINAGE PROGRESS REPORT SEPTEMBER 1979.
- 2. TYPE 1 DRAIN IS COMPATIBLE WITH MOST INSITU MATERIALS WITH THE EXCEPTION OF CLAYS WHERE MORE THAN 40% BY WEIGHT PASSES THE 13.5 MICRON SIEVE. TYPE 2 DRAINS SHALL BE CONSTRUCTED IN THIS CASE.
- 3. A NOMINAL SIZE AGGREGATE (10mm MAXIMUM) MAY BE SUBSTITUTED FOR THE FILTER SAND IN THE TYPE 1 DRAIN WHEN THE ABOVE DESIGN METHOD SHOWS THAT THE AGGRE ATE IS COMPATIBLE WITH THE INSITU MATERIAL. THE FABRIC SOCK CAN BE OMITTED UNDER THESE CIRCUMSTANCES.

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PROJECT

SUBSOIL DRAIN TYPE 2

STANDARD DETAILS

DESCRIPTION

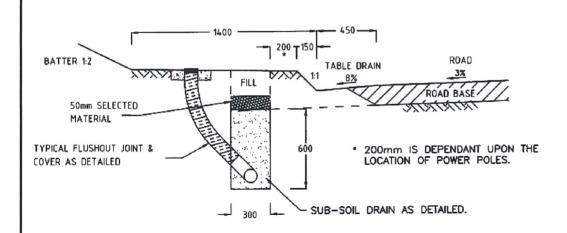
SUB-SOIL DRAINAGE LINES

DWG No EN 1026

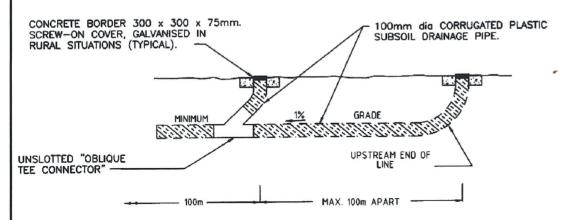
JOB No

SHEET No

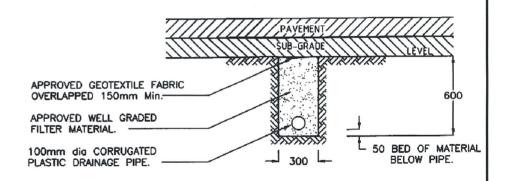
lo REV



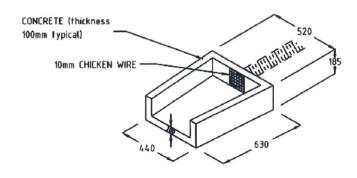
TYPICAL SECTION AT FLUSHOUT POINT



TYPICAL FLUSHOUT POINT



CROSS SECTION OF SUB-SOIL DRAIN



CONCRETE OUTLET STRUCTURE

FOR BATTER CONDITIONS.

NOTES:

- FILTER MATERIAL TO BE A WELL GRADED AGGREGATE WITH 95% PASSING A 20mm SIEVE AND AT LEAST 95% BEING RETAINED ON A 5mm SIEVE
- 2. FLUSHOUT POINTS SHALL BE A MAXIMUM OF 100mm
 APART AND WILL ALSO BE INSTALLED AT THE UPSTREAM
 END OF THE LINE

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GROUP MANAGER OPERATIONS



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PROJECT

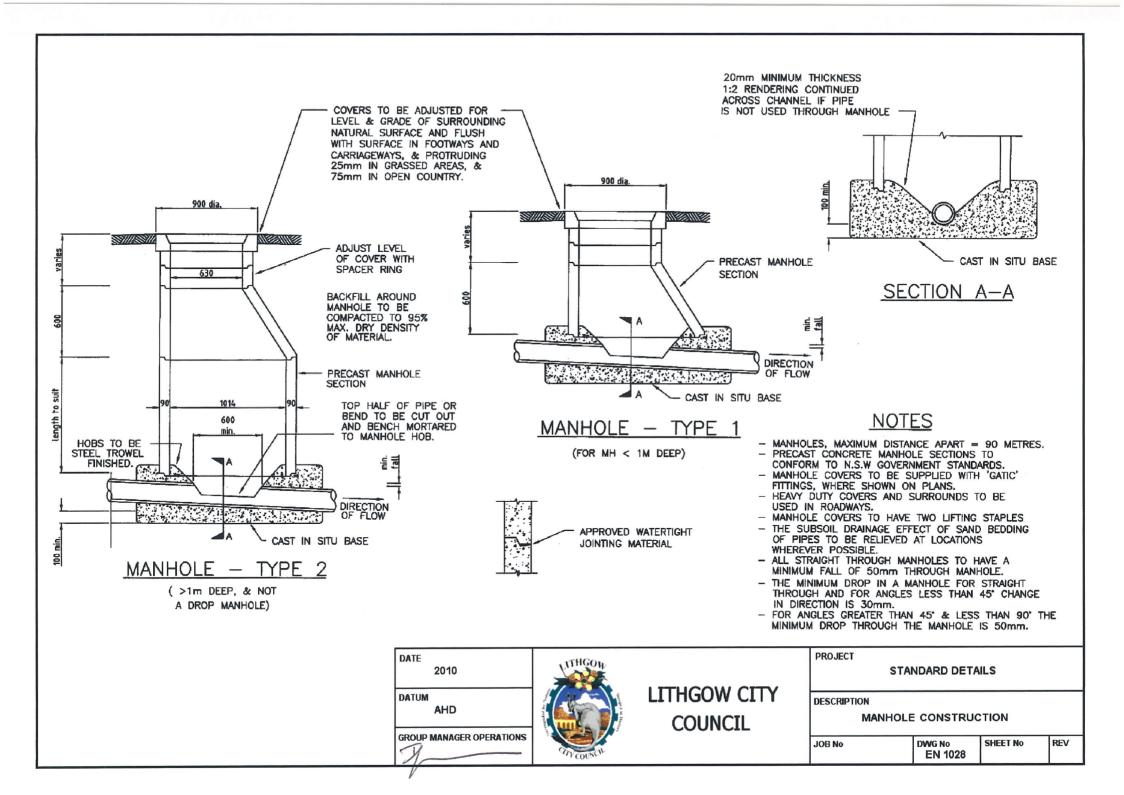
STANDARD DETAILS

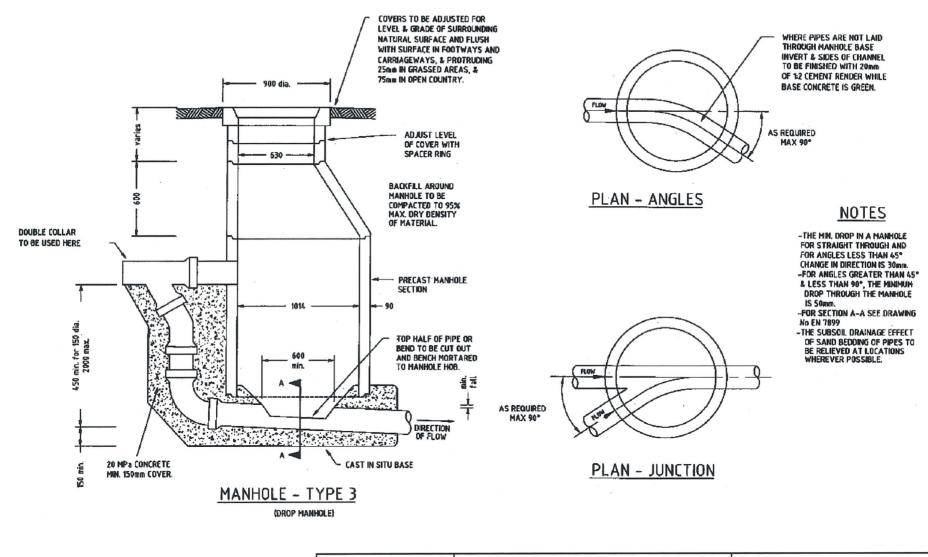
DESCRIPTION

SUB-SOIL DRAIN FLUSHOUT POINT AND OUTLET STRUCTURES

JOB No DWG No EN 1027

SHEET No REV





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DATE

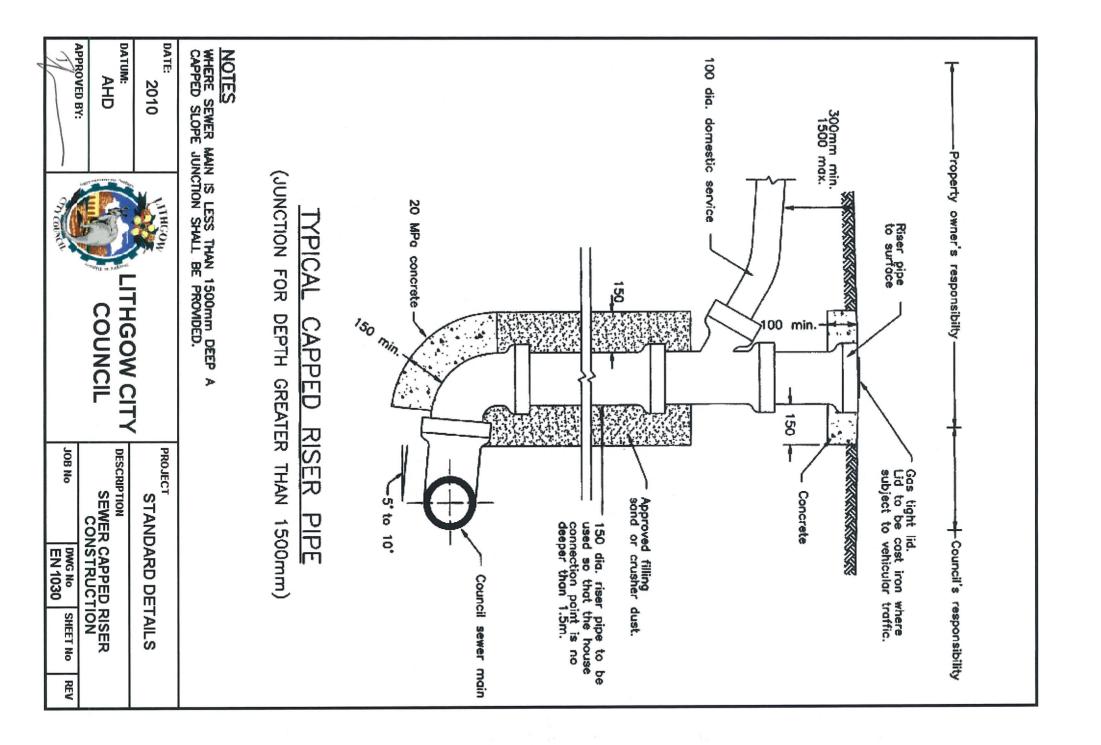
PROJECT

STANDARD DETAILS

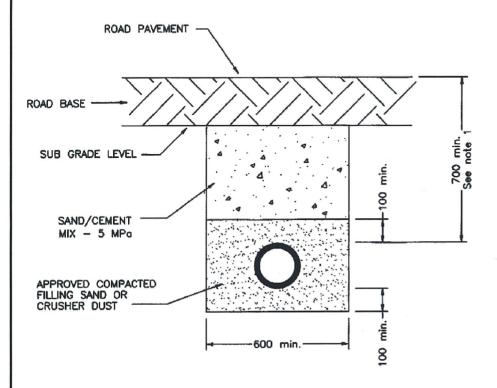
DESCRIPTION

DROP MANHOLE CONSTRUCTION

JOB No DWG No **SHEET No** EN 1029

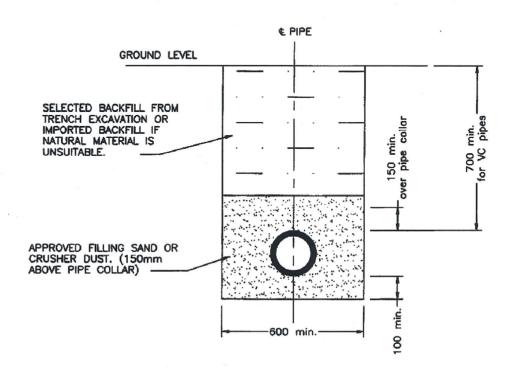


SEWER RETICULATION DETAILS OF PIPE BEDDING





ie: UNDER ROAD PAVEMENT & FOR 1 METRE EACH SIDE OF ROADWAY IMMEDIATELY BEHIND KERB LINE. (EXISTING ROADS ONLY)



CASE No. 2 - ALL OTHER CONDITIONS

NOTE 1
Min. COVER FOR V.C. PIPES
150 dia. = 700mm
225 dia. = 900mm
300 dia. = 1200mm

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GROUP MANAGER OPERATIONS

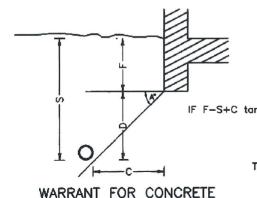


LITHGOW CITY COUNCIL

PROJECT
SEWER RETICULATION

DESCRIPTION
PIPE BEDDING

JOB No DWG No SHEET NO REV



ENCASEMENT OF SEWER

NOT TO SCALE

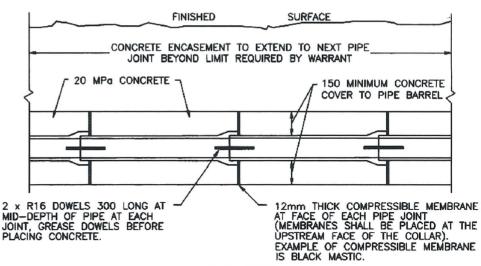
A=40° FOR COHESIVE SOILS =30° FOR SAND OR GRAVEL

IF F-S+C tan A > 0 THEN OK

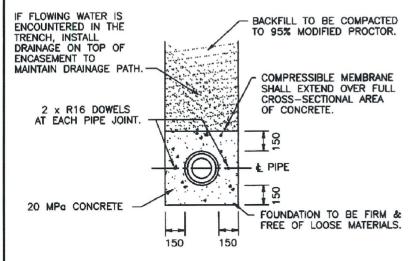
< 0 THEN CONCRETE ENCASEMENT IS REQUIRED.

TO AVOID CONCRETE ENCASEMENT

- INCREASE FOOTINGS DEPTH (F) AND/OR
- INCREASE CLEARANCE (C)



V.C. PIPE



TYPICAL CROSS SECTION

SUGGESTED PROCEDURE

- EXCAVATE TO WITHIN 150mm OF PIPES BY MACHINE OR BY HAND.
- EXPOSE ALTERNATE PIPE LENGTHS BY HAND, ENSURING 150 MIN CLEARANCE ALL AROUND PIPE BARREL
- PLACE FORMS, DOWELS & MEMBRANES AT COLLAR FACES ENSURING MEMBRANE IS SNUG AROUND SPIGOT BARREL WHERE IT ENTERS THE COLLAR AND PERPENDICULAR TO THE PIPELINE.
- PLACE CONCRETE ENCASEMENT AROUND EXPOSED PIPES (DO NOT CHUTE CONCRETE DIRECTLY ONTO UNSUPPORTED PIPES).
- WHEN CONCRETE HAS SET HARD, EXPOSE REMAINING PIPES BY HAND.
- REMOVE END FORMS & ENCASE REMAINING PIPES, ENSURE THAT MEMBRANES ARE NOT DISPLACED OR DAMAGED.
- INSTALL TRENCH DRAINAGE IF REQUIRED, OVER CONCRETE ENCASEMENT.
- 8). BACKFILL TRENCH TO 95% MODIFIED PROCTOR.

INSPECTIONS

- THE PLUMBER IS TO OBTAIN APPROVAL FROM AN AUTHORISED COUNCIL OFFICER PRIOR TO PLACING ANY CONCRETE ENCASEMENT.
- INSPECTIONS REQUIRED PRIOR TO AND DURING ENCASEMENT, WITH A MINIMUM 24 HOURS NOTICE.

SPECIAL CONDITIONS

WHERE

- FOOTINGS ARE TO BE CONSTRUCTED SUCH THAT HEAVY CONCENTRATED LOADS MAY BE TRANSMITTED TO THE ENCASED PIPELINE, OR
- THE FOUNDATION BELOW THE SEWER IS OF A SOFT, YIELDING NATURE HAVING A SAFE BEARING CAPACITY LESS THAN 100 KPg.

-THEN THE CONCRETE ENCASEMENT WILL NEED TO BE STRUCTURALLY DESIGNED TO WITHSTAND THE STRESSES & DEFORMATIONS LIKELY UNDER SUCH CONDITIONS.

DATE 2010

DATUM AHD

GROUP MANAGER OPERATIONS



LITHGOW CITY
COUNCIL

O.T.

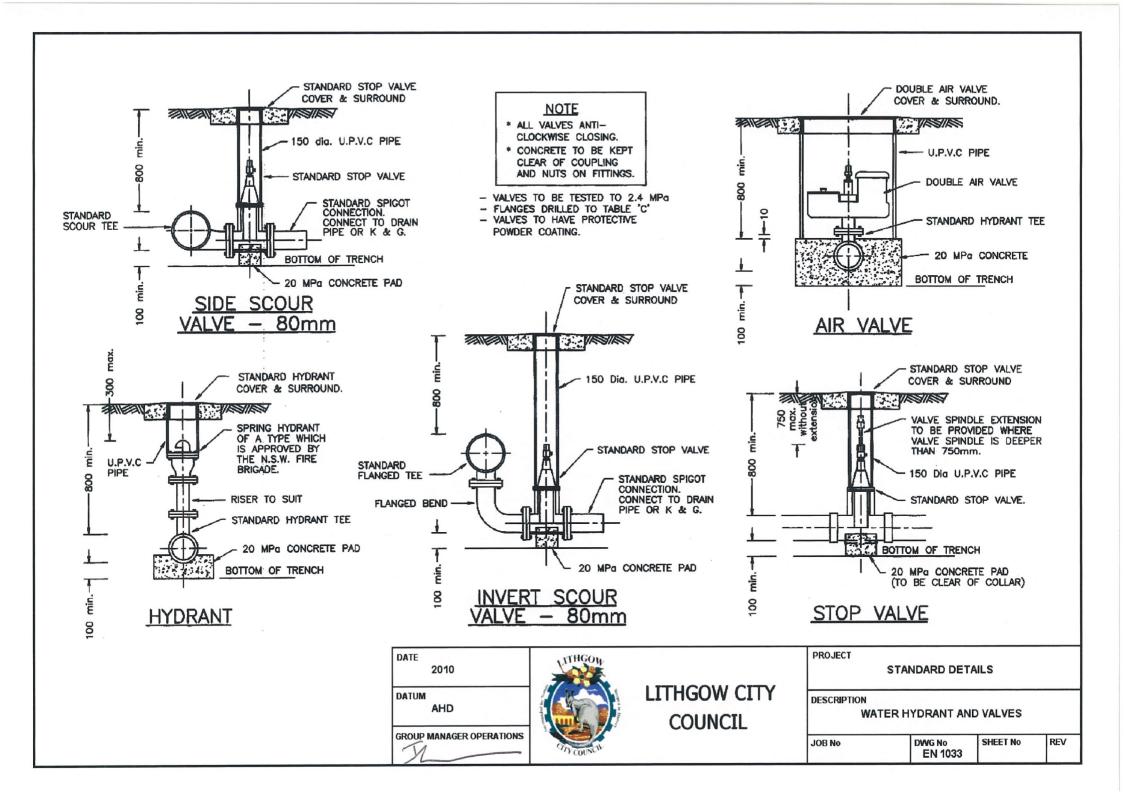
STANDARD DETAILS

DESCRIPTION

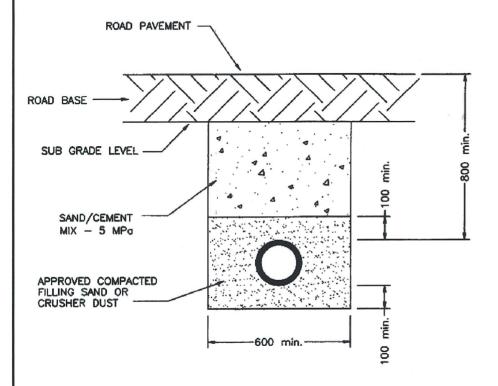
PROJECT

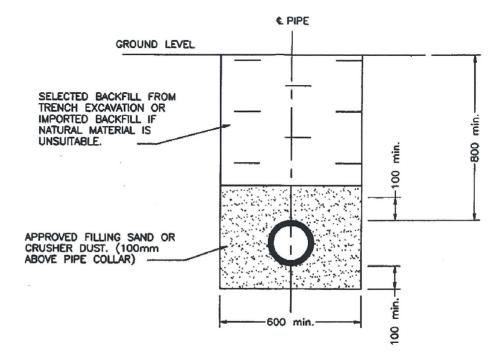
SEWER MAIN CONCRETE ENCASEMENT

JOB No DWG No SHEET NO REV



WATER RETICULATION DETAILS OF PIPE BEDDING



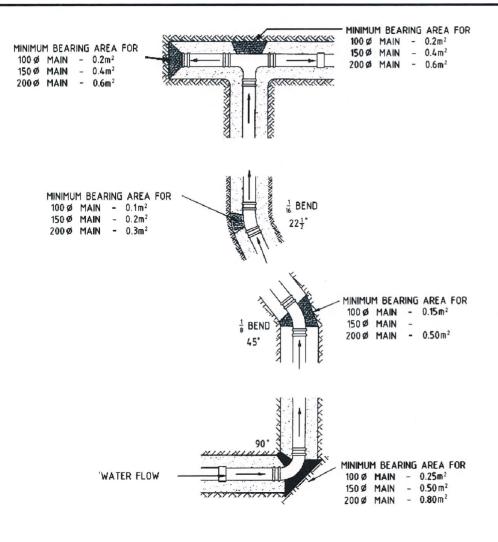


CASE No. 1 - ROAD CROSSINGS

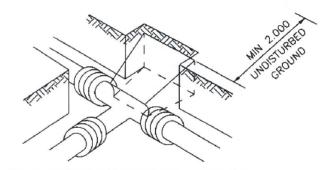
ie: UNDER ROAD PAVEMENT & FOR 1 METRE EACH SIDE OF ROADWAY IMMEDIATELY BEHIND KERB LINE. (EXISTING ROADS ONLY)

CASE No. 2 - ALL OTHER CONDITIONS

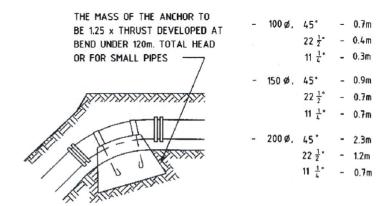
PROJECT DATE 2010 WATER RETICULATION LITHGOW CITY **DATUM** DESCRIPTION AHD PIPE BEDDING COUNCIL GROUP MANAGER OPERATIONS REV SHEET No JOB No DWG No EN 1034



TYPICAL LOCATION OF A THRUST BLOCK

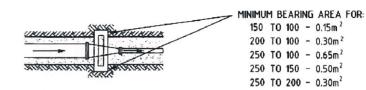


TYPICAL THRUST BLOCK BEHIND A TEE PIPE



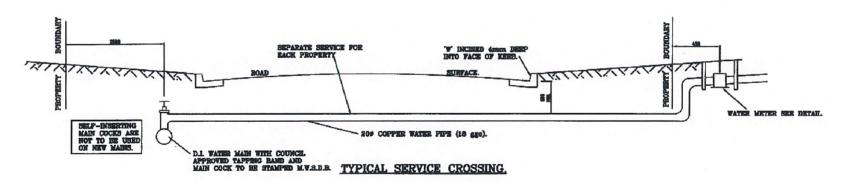
TYPICAL ANCHORAGE OF BEND IN VERTICAL PLANE

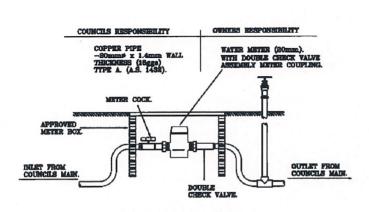
NOTES: 90° VERTICAL BENDS SHALL NOT BE USED
WITHOUT COUNCILS AUTHORISATION. AND
FLANGED FITTING WILL BE PERMITTED



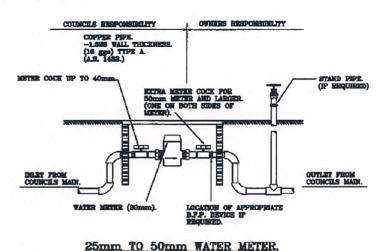
TYPICAL ANCHORAGE OF TAPER PIPE

| DATE 2010 | итнеоф | LITHOOM CITY | PROJECT STANDARD DETAILS | | | |
|--------------------------|----------------|-------------------------|--------------------------|-----------------------------|----------|-----|
| DATUM AHD | A fig separate | LITHGOW CITY COUNCIL | | BLOCK AND A PICAL POSITI | | |
| GROUP MANAGER OPERATIONS | OW COUNCIL | OUNCIL | JOB No | DWG No EN 1035 | SHEET No | REV |









NOTES.

WHERE MAINS SHUTDOWN IS CONVENIENT, A HYDRANT TEE WITH DRILLED BLANK FLANGE ON 100mm AND 150mm MARKS IS TO BE CONSIDERED IN LIEU OF MAIN TAPPING FOR 40mm AND 50mm SERVICES.

METERS ARE GENERALLY TO BE LOCATED 450mm FROM PROPERTY SIDE AND FRONT BOUNDARIES EXCEPT FOR HOUSING COMMISSION WHICH ARE USUALLY STEED IN THE CHIEFTE OF THE ALLOTMENT.

SELVER SOLDERING OR BRAZING IS NOT TO BE USED ON COUNCES SIDE OF WATER METER.

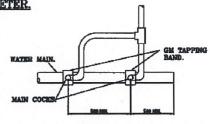
ALL WORK AND MATERIALS TO BE TO THE REQUIREMENTS OF A.S. 3600 AND THE M.S.W. CODE OF PRACTICES.

STANDARD SIZE OF TAPPING'S

FOR 20mm# SERVICES—ONE 25mm TAPPING FOR 25mm# SERVICES—ONE 25mm TAPPING

FOR SEMMS SERVICES—ONE SOMM TAPPING FOR 40mms SERVICES—TWO 25mm TAPPING

FOR 50mm# SERVICES-THREE 25mm TAPPING



TYPICAL MAIN TAPPING MAIN DETAIL.

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LITHGOW CITY COUNCIL

PROJECT

STANDARD DETAILS

DESCRIPTION

WATER METER CONNECTION DETAILS 20mm TO 50mm

> DWG No EN 1036

JOB No

SHEET No

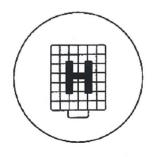






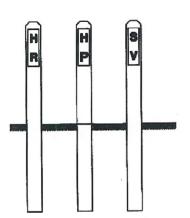
MARKER PLATES

FOR USE IN URBAN AREAS





HYDRANT COVER



INDICATOR POSTS

FOR USE IN RURAL RESIDENTIAL AREAS WITHOUT KERB & GUTTER.



MARKER PLATES

TO BE FIXED TO BOTH SIDES OF KERB FOR WATER MAIN ROAD CROSSINGS.



BLUE CATS EYES

FOR USE ON SEALED ROADS OPPOSITE HYDRANTS.



- INDICATOR POSTS TO BE USED IN RURAL RESIDENTIAL AREAS WITHOUT KERB & GUTTER, POSTS SHALL BE LOCATED AT THE PROPERTY ALIGNMENT OPPOSITE THE VALVE OR HYDRANT.
- MARKER PLATES TO BE USED IN ALL URBAN AREAS, PLATES ARE TO BE FIXED TO THE KERB ON THE SAME SIDE OF THE ROAD AS THE VALVE OR HYDRANT.
- MARKER POST & PLATE ABBREVIATIONS ARE EXPANDED BELOW.
 - * HP, HYDRANT PATH.
 - * HR. HYDRANT ROAD.
 - * SV. STOP VALVE.
- BLUE CATS EYES TO BE FIXED IN THE CENTRE OF THE ROADWAY OPPOSITE HYDRANTS, THE ARROW ON THE CATS EYES SHOULD BE POINTING IN THE DIRECTION OF THE HYDRANT. CATS EYES ARE TO HAVE REFLECTORS ON BOTH SIDES AS SHOWN.
- HYDRANT COVERS MUST BE PAINTED WHITE & STOP VALVE COVERS PAINTED YELLOW.
- FACE LID HINGES TOWARD TRAFFIC FLOW.

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LITHGOW CITY COUNCIL

PROJECT

STANDARD DETAILS

DESCRIPTION

WATERMAIN COVERS, INDICATOR POSTS AND MARKERS

JOB No

DWG No EN 1037 SHEET No

