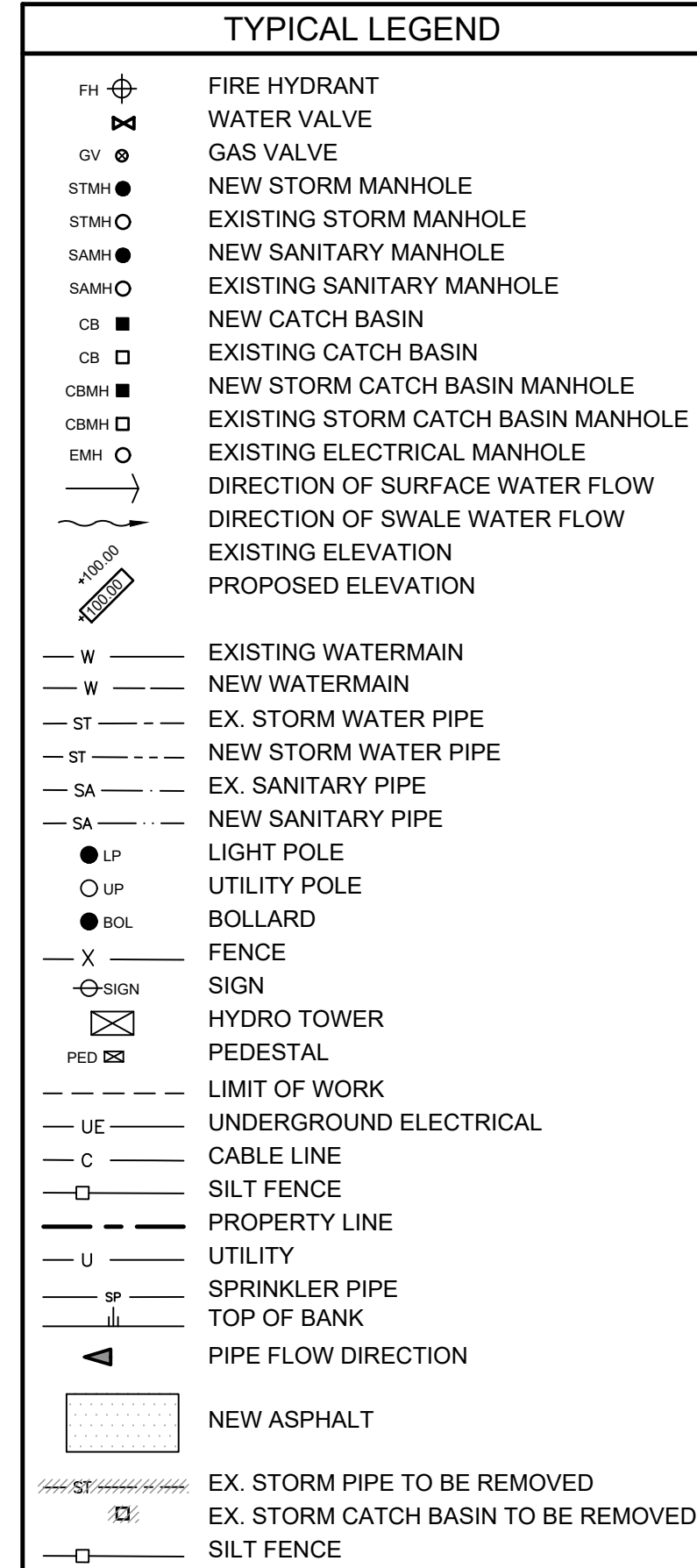


[illegible]

C101

NOTE: "*" DENOTES INV. ELEVATION OF PIPE TO BE REMOVED
NOTE: "***" DENOTES UNKNOWN INV. ELEVATION OF PIPE.

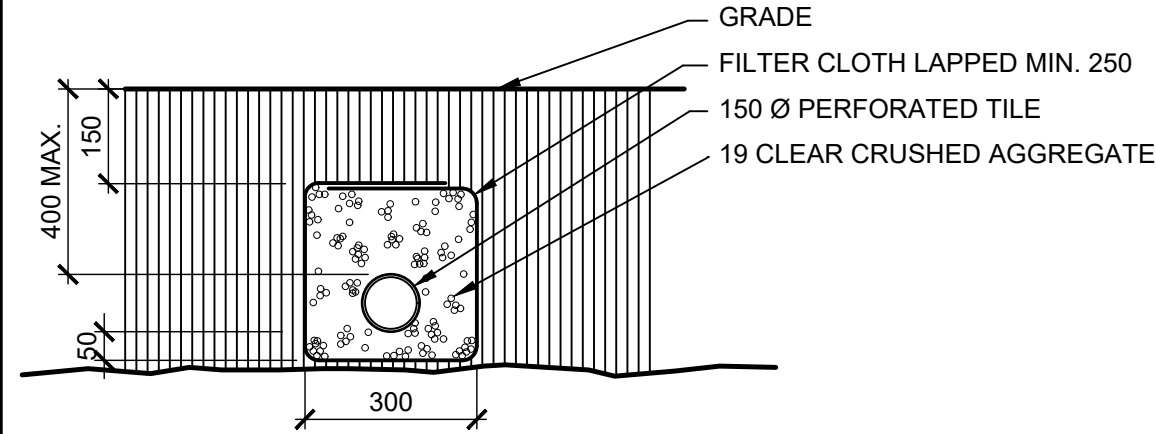
SCHEDULE "A" DRAWING 3

SEDIMENT AND EROSION CONTROL NOTES

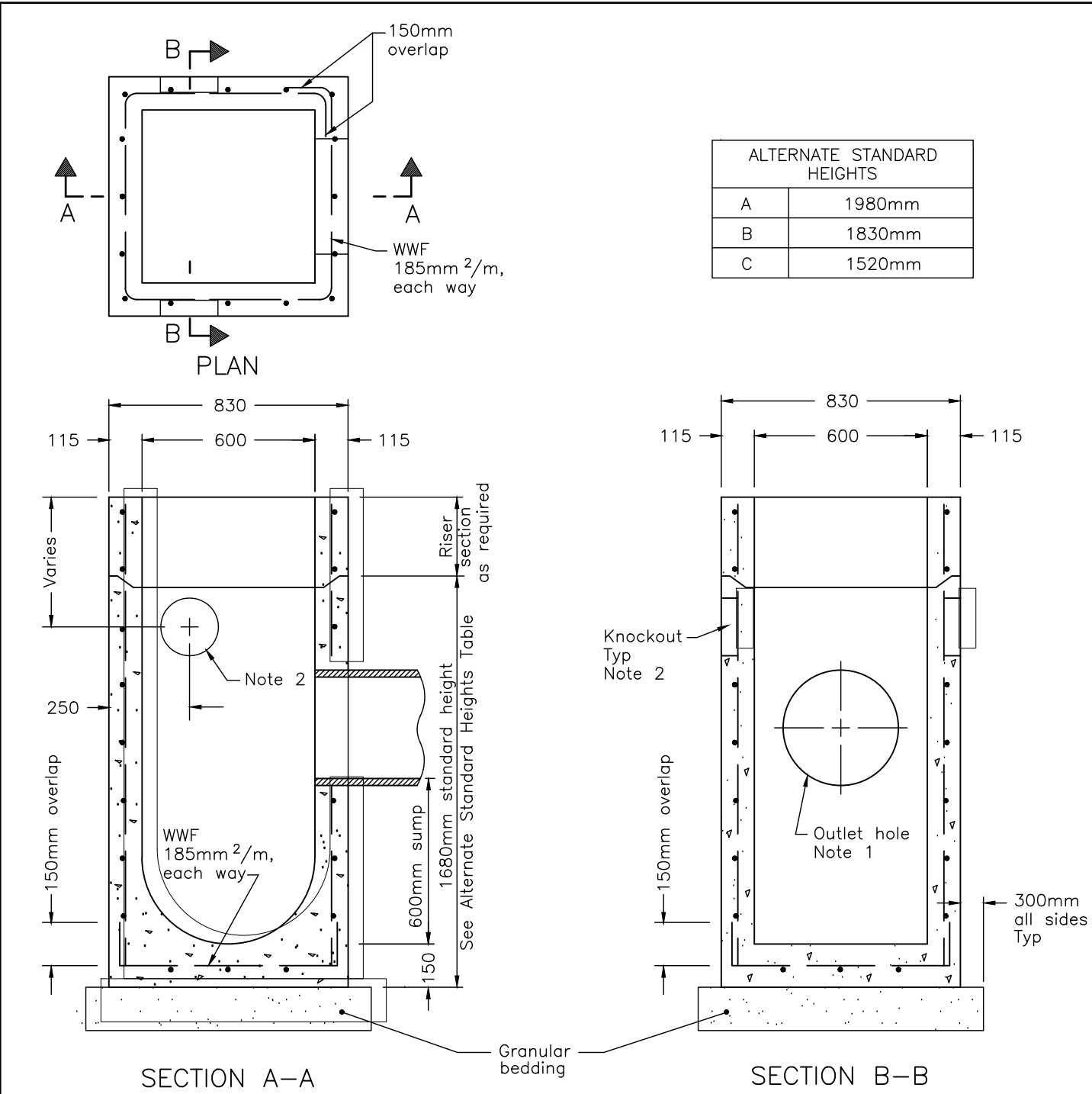
1. CONTRACTOR IS RESPONSIBLE TO PROTECT ALL EXPOSED SURFACES AND CONTROL ALL RUNOFF DURING CONSTRUCTION.
2. PROTECT ALL CATCHBASINS, MANHOLES, SEWERS AND PIPE ENDS FROM SEDIMENT INTRUSION. THIS APPLIES TO ANY NECESSARY DEWATERING AND SHALL BE DISCHARGED INTO A TEMPORARY ON SITE SEDIMENT BASIN. CONTRACTOR TO CAP OPEN PIPE END AT DAY'S END OF PIPE CONSTRUCTION.
3. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY MEASURES AS NEEDED, INCORPORATING AS A MINIMUM GEOTEXTILE FABRIC PLACED BENEATH EACH LID/GRATE POSITIONED AND REMAIN IN PLACE UNTIL CONSTRUCTION HAS BEEN COMPLETED OR THE THREAT OF SEDIMENT INTRUSION CEASES ALL TO THE SATISFACTION OF THE PROJECT ENGINEER AND THE TOWN OF ST. MARY'S ENGINEER.
4. GEOTEXTILE FELT FABRIC - TERRAFIX 270R SHALL REMAIN IN PLACE FOLLOWING CONSTRUCTION UNTIL NEWLY GRASSED AREAS HAVE GROWN AND STABILIZED.
5. THE CONTRACTOR SHALL MINIMIZE AREA DISTURBED AND MAINTAIN EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION.
6. KEEP ALL SUMPS CLEAN DURING CONSTRUCTION. CONTRACTOR TO CLEAN AND REMOVE ACCUMULATED SEDIMENT FROM ALL SEDIMENT FENCE AND FLOW CHECKS ONCE SEDIMENT ACCUMULATION REACHED HALF OF THE HEIGHT OF THE STRUCTURE.
7. MONITOR WEATHER FORECASTS FOR PENDING SIGNIFICANT RAIN EVENTS AND CONDUCT INSPECTION OF ALL SEDIMENT AND EROSION CONTROL MEASURES ON SITE PRIOR TO THE RAIN EVENT TO ENSURE THEIR PROPER INSTALLATION. MAKE CORRECTIVE MEASURES AS REQUIRED.
8. PREVENT WIND-BLOWN DUST.
9. REPLACE ALL STRAW BALES ON SITE EVERY 45 DAYS MAXIMUM.

GENERAL CIVIL NOTES

1. PLAN OF EXISTING TOPOGRAPHICAL INFORMATION, IS BASED ON SURVEY DATED JUNE 1 2016 PREPARED BY HOLSTEAD & REDMOND LIMITED, ONTARIO LAND SURVEYORS.
2. ALL GRADES BASED ON GEODETIC DATUM. ALL DIMENSIONS IN METRES UNLESS OTHERWISE NOTED.
3. PRIOR TO COMMENCING CONSTRUCTION, ALL EXISTING UNDERGROUND UTILITIES WITHIN THE LIMITS OF AND ADJACENT TO THE CONSTRUCTION SITE MUST BE LOCATED AND MARKED. ANY UTILITIES DAMAGED OR DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE GOVERNING BODY AT THE SOLE EXPENSE OF THE CONTRACTOR.
4. PRIOR TO COMMENCING ANY CONSTRUCTION, THE CONTRACTOR MUST VERIFY ALL OUTLET INFORMATION, BENCHMARKS, ELEVATIONS AND DIMENSIONS AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
5. PRIOR TO COMMENCING ANY WORK ON THE INSTALLATION OF SERVICES, AN APPROVED SET OF PLANS AND SPECIFICATIONS MUST BE AVAILABLE ON THE JOB AND SHALL REMAIN THERE WHILE WORK IS BEING DONE.
6. PAVEMENT STRUCTURE AS PER GEOTECHNICAL CONSULTANT.
7. ALL STORM SEWER BEDDING FOR PVC PIPE SHALL BE TO MUNICIPAL STANDARDS.
8. ALL MANHOLES AND CATCH BASINS TO BE CONSTRUCTED OF PRE-CAST CONCRETE. ALL CATCH BASINS ARE TO BE CONSTRUCTED IN ACCORDANCE W/ OPSD-705.01. CATCH BASIN GRATES TO OPSD-400.02. IN GRASSED AREAS CATCH BASINS/GRATES TO OPSD-400.07.
9. ALL AREAS OUTSIDE THE CONSTRUCTION LIMITS OF SITE SHALL NOT BE DISTURBED. ANY DAMAGE TO THOSE AREAS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
10. CONTRACTOR TO BE RESPONSIBLE FOR RESTORING ANY AND ALL ASPHALT, CONCRETE, CURBS, GUTTERS, GRASSED AREAS ETC. DAMAGED DURING CONSTRUCTION. EXISTING SURFACES WHICH ARE DISTURBED SHALL BE RESTORED TO ORIGINAL CONDITIONS.
11. ANY DEPOSITS REQUIRED BY THE TOWN OF ST. MARY'S ENGINEERING DEPARTMENT ARE TO BE MADE BY THE OWNER.
12. THE CONTRACTOR IS RESPONSIBLE FOR THE CONTROL OF SURFACE AND SUBSURFACE WATER.
13. ALL CONCRETE TO BE 32 MPA AT 28 DAYS UNLESS OTHERWISE NOTED.
14. ALL BEDDING FOR SERVICE PIPES TO BE TO THE TOWN OF ST. MARY'S STANDARDS. ALL SERVICE TRENCHES SHALL BE BACKFILLED WITH SUITABLE (IN THE OPINION OF THE GEOTECHNICAL ENGINEER) ON SITE MATERIAL, AND COMPACTED TO AT LEAST 98% S.P.D.
15. ALL NEW CONCRETE TO BE MIN. 140MM (5") THICK. CONCRETE TO BE 32 MPA AND CONSTRUCTED TO THE TOWN OF ST. MARY'S SPECIFICATIONS: SIDEWALK TO BE CONSTRUCTED OF 32 MPA. PROVIDE SAW CUTS @ MINIMUM 5'-0" O.C. E/W. AIR = 7% ± 1%. SLUMP = 70MM ± 20MM. AGGREGATE = 20MM ACI QUARRY STONE.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL UTILITIES. PROVIDE FOR ALL EXCAVATION, TRENCHING, BACKFILLING AND RESTORATION AS REQUIRED FOR THE INSTALLATION OF UTILITIES NOT SHOWN ON THE SITE SERVICES DRAWINGS.
17. CONTRACTOR IS RESPONSIBLE TO RECORD ALL AS-BUILT INVERTS AND GRADES. RECORD ANY DEVIATION OF PIPE OR STRUCTURE LOCATION. PROVIDE AS-BUILTS TO PROJECT ENGINEER FOR REVIEW UPON COMPLETION. PROVIDE AS-BUILTS TO PROJECT ENGINEER FOR REVIEW PRIOR TO PLACEMENT OF TOPSOIL OR PAVING. AT COMPLETION OF WORK, CONTRACTOR TO PROVIDE A COPY OR AN AS-BUILT TOPOGRAPHICAL SURVEY IN BOTH HARD COPY AND AUTOCAD FORMATS. SURVEY TO INCLUDE ALL SURFACE GRADE INFORMATION, TOP OF GRATES/LIDS AND SEWER INFORMATION.

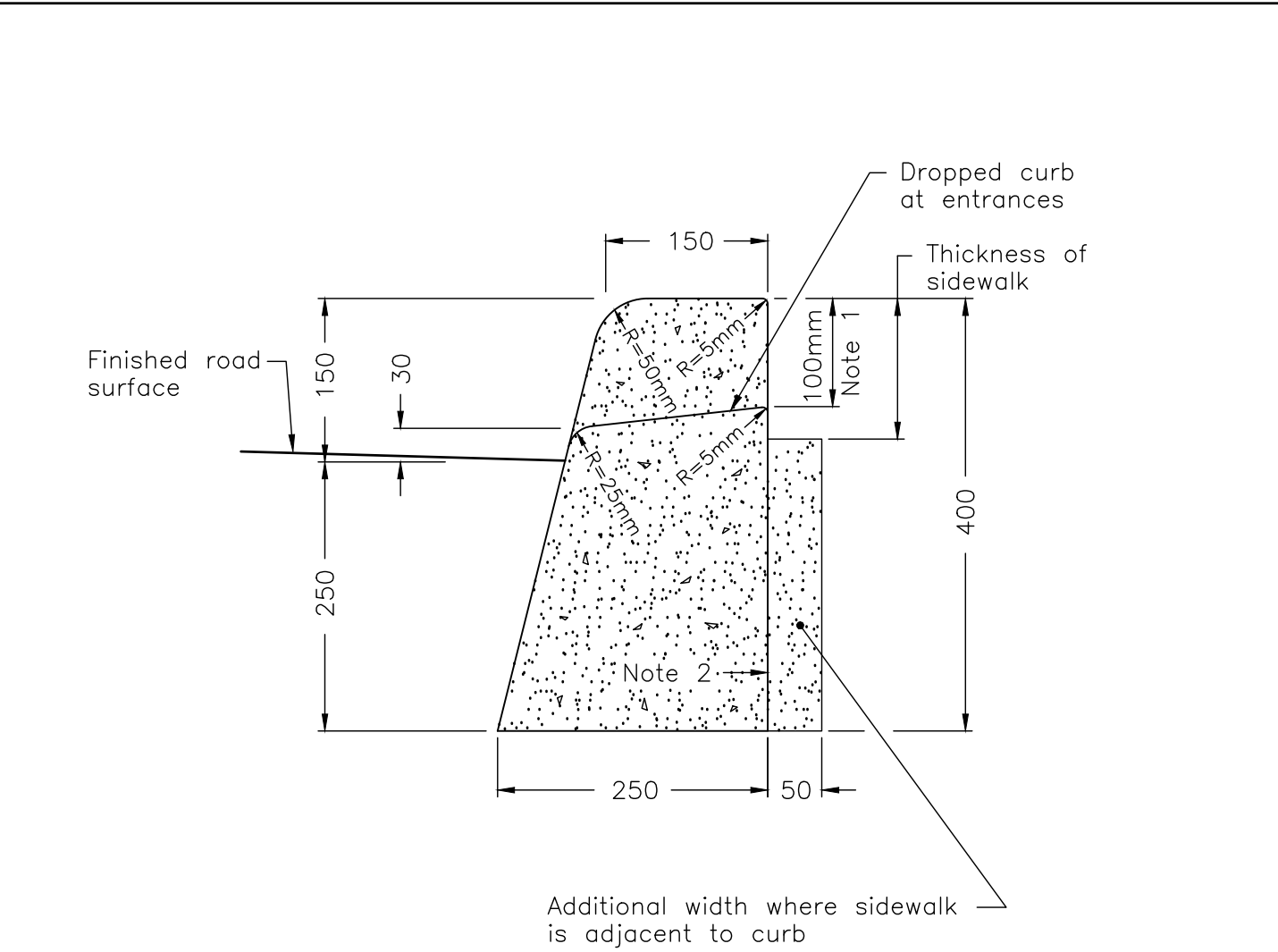


3 WEEPING TILE DETAIL
C201 C102 SCALE: N.T.S.



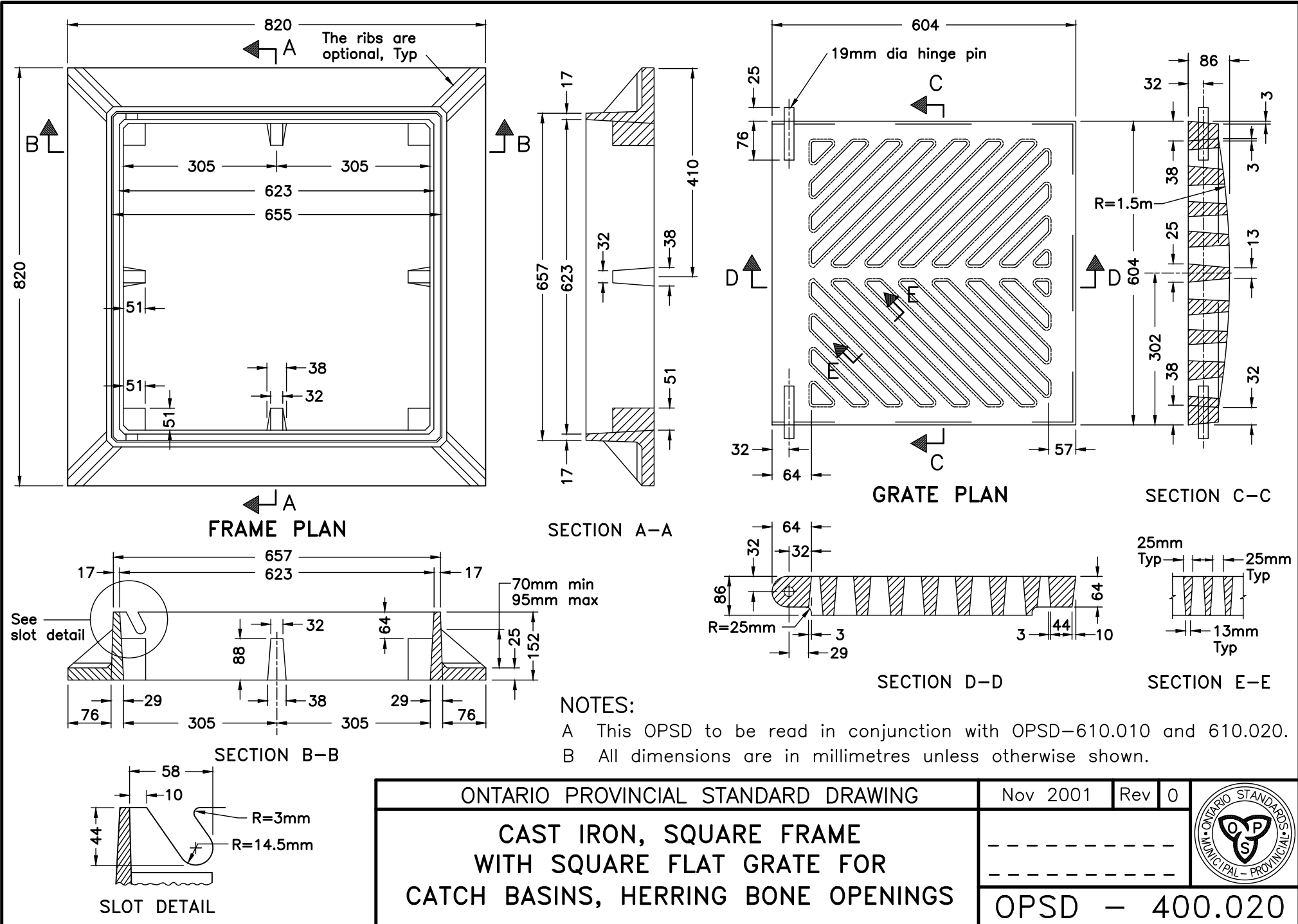
- NOTES:
- 1 Outlet hole size 525mm diameter maximum, location as required.
 - 2 200mm diameter knockout to accommodate subdrain. Knockout to be 60mm deep.
 - A All reinforcing steel shall have 25mm minimum cover.
 - B Granular backfill to be placed to a minimum thickness of 300mm all around the catch basin.
 - C Frame, grate and adjustment units shall be installed according to OPSD-704.010.
 - D Pipe support according to OPSD-708.020.
 - E All dimensions are nominal.
 - F All dimensions are in millimetres or metres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	1996 09 15	Rev	
PRECAST CONCRETE CATCH BASIN	Date		
600mm x 600mm, DEPTH - 4.0m MAX	OPSD - 705.010		

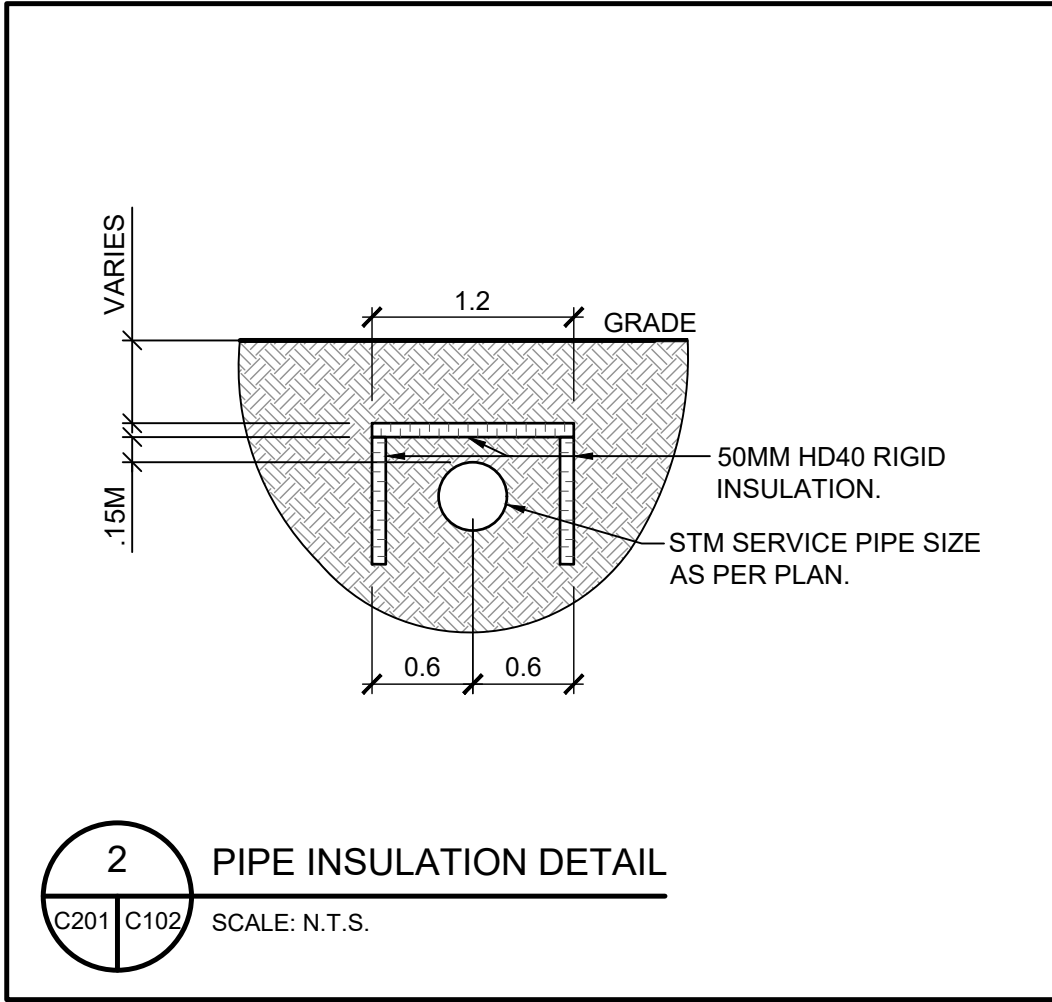


- NOTES:
- 1 Where sidewalk is continuously adjacent, reduce the dropped curb at entrances to 75mm.
 - 2 For slipforming procedure, a 5% batter is acceptable.
 - A Treatment at entrances shall conform with OPSD-351.010.
 - B Outlet treatment shall conform with OPSD-610 Series.
 - C The transition from one curb type to another shall be a minimum length of 3.0m, except in conjunction with guide rail, where is shall be according to the OPSD-900 Series.
 - D All dimensions are in millimetres unless otherwise shown.
 - E Provide control joints @ 1.5 metres o.c. and expansion joints @ 4.5 metres o.c.

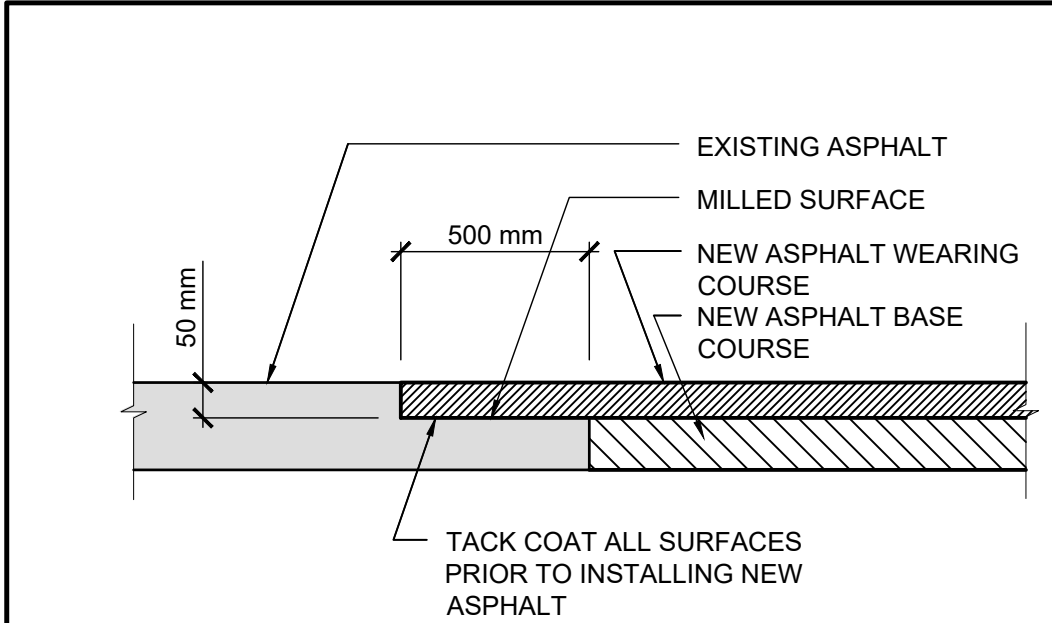
ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2006	Rev	1
CONCRETE BARRIER CURB			
	OPSD - 600.110		



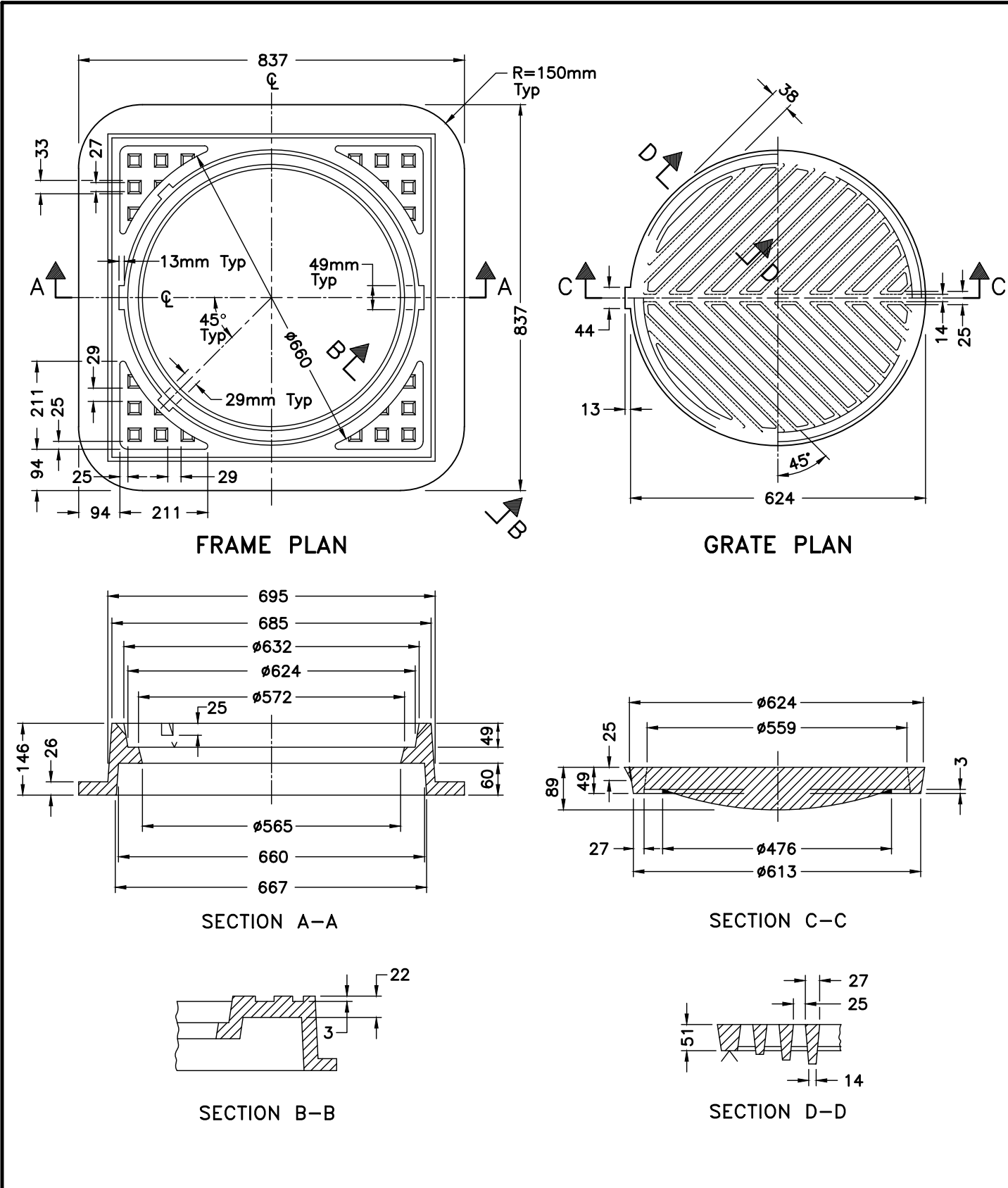
2 CAST IRON, SQUARE FRAME WITH SQUARE FLAT GRATE FOR CATCH BASINS, HERRING BONE OPENINGS
C201 C102 SCALE: N.T.S.



2 PIPE INSULATION DETAIL
C201 C102 SCALE: N.T.S.



1 SAW CUT DETAIL
C201 C102 SCALE: N.T.S.



- NOTES:
- A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2001	Rev	1
CAST IRON, RAISED SQUARE FRAME WITH CIRCULAR FLAT GRATE FOR CATCH BASINS, HERRING BONE OPENINGS			
	OPSD - 400.070		



TRADITION MUTUAL CENTRE FOR WELLNESS

KEYPLAN: SALINA STREET N, SALINA STREET N, MARKHAM STREET, MAIDEN LANE, ST. MARY'S MEMORIAL HOSPITAL, INGERSOLL STREET, WARNER STREET, QUEEN STREET W.

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9	RE- ISSUED FOR PERMIT	APR 19/18
8	RE- ISSUED FOR PERMIT	APR 16/18
7	ISSUED FOR PERMIT	MAR 22/18
6	ISSUED FOR TENDER	JAN 10/18
5	ISSUED FOR SITE PLAN APPLICATION	NOV 21/17
4	ISSUED FOR REVIEW	APR 3/17
3	MOHLTC REVIEW	MAR 3/17
2	SITE PLAN APPROVAL REVIEW	AUG 12/16
No.	ISSUED FOR	DATE

DRAWING TITLE:		
DETAILS AND NOTES		
DRAWN: JH	SCALE: AS NOTED	PROJECT NO: 2227-15
CHECKED: PBM	DATE: 2018APR19	

C201