

NOTES

1. BOTTOM OF DITCH TO BE MIN 0.15m BELOW GRANULAR SUBGRADE. DEPTH FROM CENTERLINE ±.2m MAX.
2. SHOULDER ON COLLECTOR STREET TO BE SURFACE TREATED, WHERE REQUIRED BY THE DIR. ENVIR./UTILITY SERVICES.
3. SUB-EXCAVATE SOFT AREAS IN SUBBASE AND FILL WITH GRANULAR 'B' COMPACTED IN 0.15m
4. ALL MATERIALS TO BE SUPPLIED AND PLACED AS PER O.P.S.S. STANDARDS AND SPECIFICATIONS.
5. DEPTH OF GRANULAR 'B' TO BE INCREASED AS REQUIRED BY SOIL CONDITIONS.
6. AREA FROM THE EDGE OF SHOULDER TO THE PROPERTY LINE IS TO BE SODDED OR SEEDED.
7. DITCH GRADES 0.5% MIN - 5.0% MAX UNLESS APPROVED BY DIR. ENVIR./UTILITY SERVICES.

CORPORATION
TOWN OF
SMITHS FALLS

RURAL
RESIDENTIAL
20.0m R.O.W.

DRAWN / REVISED BY:
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Eng/Envir. Co-ord

REV. DATE: January 2001

DWG. No.: RR-1

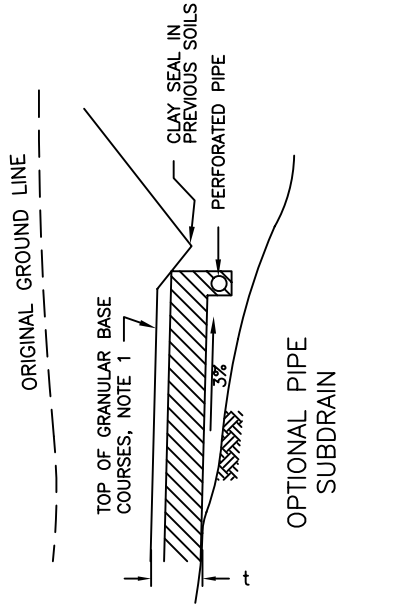
CORPORATION
TOWN OF
SMITHS FALLS

TRANSITION DETAIL
ROCK CUT TO
EARTH CUT

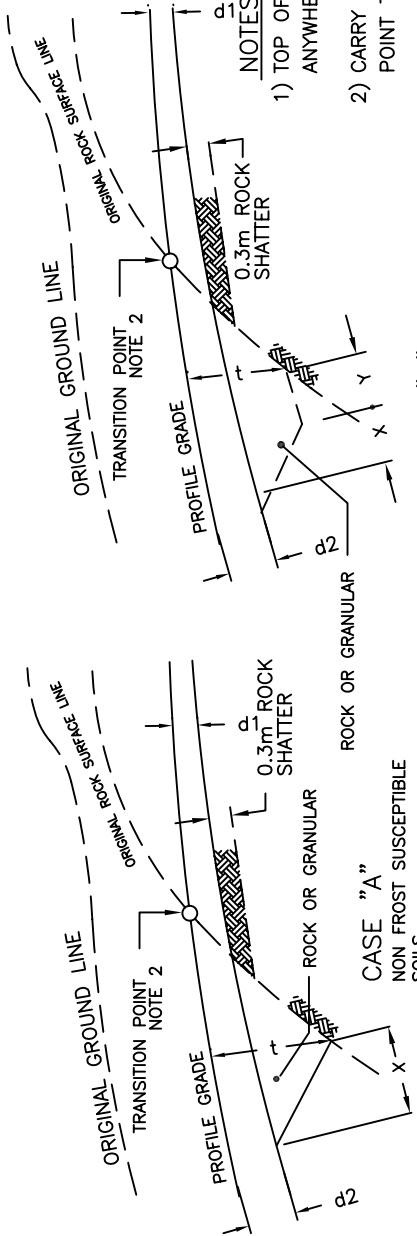
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TRANSVERSE SECTION



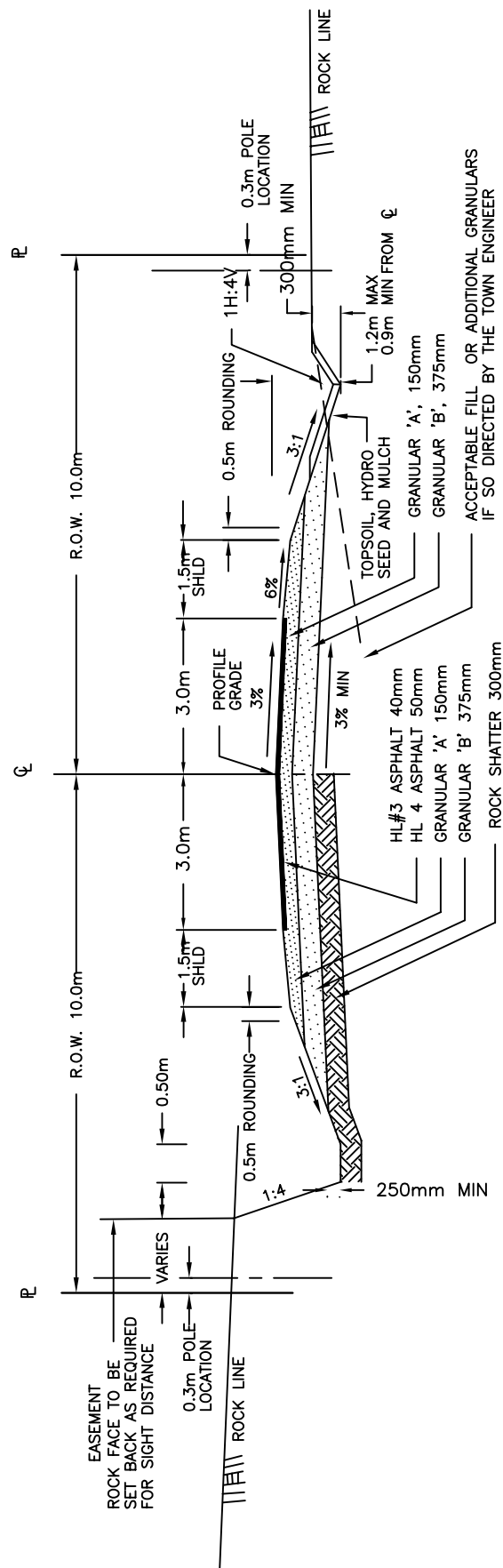
NOTES:

- 1) TOP OF GRANULAR BASE COURSES IS ANYWHERE WITHIN SUBGRADE WIDTH.
- 2) CARRY OUT SUFFICIENT SHATTER AT TRANSITION POINT TO OBTAIN POSITIVE DRAINAGE.
- 3) LONGITUDINAL SECTION THIS TREATMENT IS TO BE CARRIED OUT FOR WIDTH OF CUT OR SUBGRADE WIDTH OF FILL. DRAINAGE SHALL BE PROVIDED LATERALLY TO DITCH LINE TO PROVIDE POSITIVE DRAINAGE.
- 4) TRANSVERSE SECTION THIS TREATMENT SHALL APPLY FOR LENGTH OF CUT.
- 5) DISTANCE $X=20(t-d2)$
DISTANCE $Y=8.0m$
- 6) ALL DIMENSIONS ARE IN MILLIMETRES OR METRES UNLESS OTHERWISE SHOWN.

LONGITUDINAL SECTION

LEGEND

- t DENOTES DEPTH OF TRANSITION POINT TREATMENT (1.8m, MEASURED FROM TOP OF GRANULAR).
- d1 DENOTES DEPTH OF GRANULAR BASE COURSES FOR ROCK PORTION.
- d2 DENOTES DEPTH OF GRANULAR BASE COURSES FOR EARTH PORTION.



CUT

ROCK

FILL

NOTES:

- 1) ROCK SUBGRADE TO BE IN-SITU SHATTERED AS PER OPSS 206.
- 2) SCALING OF ROCK FACES IS REQUIRED, TO LEAVE A CLEAN STABLE SURFACE.
- 3) ELIMINATE UNDRAINED POCKETS IN ROCK SUBGRADE.
- 4) SEE STANDARD DRAWING No. RR-1,2,3,4 & 5.
- 5) TOPSOIL AND SEED NOT REQUIRED ON ROCK FACES OR EXPOSED ROCK ON DITCH BOTTOMS.

CORPORATION
TOWN OF
SMITHS FALLS

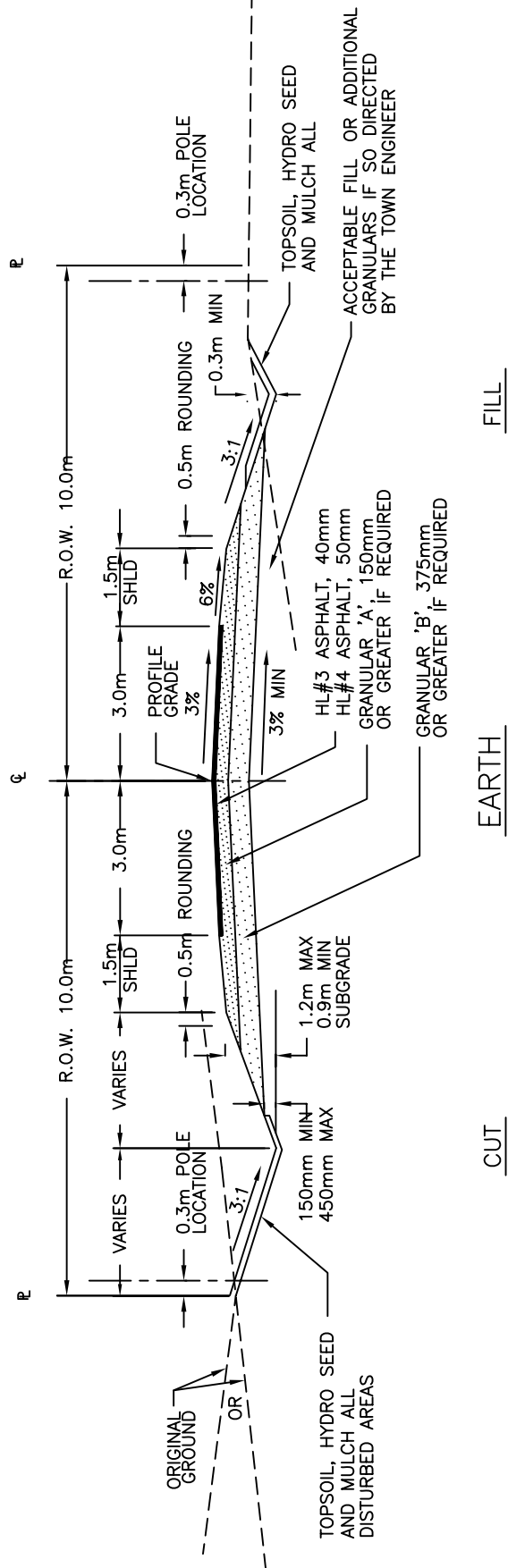
RURAL ROADWAY
CROSS - SECTION
ROCK

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REV. DATE: January 2001

DWG. No.:

RR-4



NOTES:

- 1) ROAD AND DITCH GRADES 0.5% MIN - 5.0% MAX UNLESS OTHERWISE APPROVED BY THE TOWN ENGINEER.
- 2) SHOULDERS TO RECEIVE SURFACE TREATMENT AS REQUIRED BY THE TOWN ENGINEER.
- 3) SUBEXCAVATE SOFT SPOTS IN SUBGRADE TO STABLE LIMITS AND BACKFILL WITH SUITABLE NATIVE MATERIAL OR A COMPATIBLE FROST SUSCEPTIBLE MATERIAL. PLACE IN 150mm LIFTS AND COMPACT ACCORDINGLY.
- 4) ALL MATERIAL TO BE SUPPLIED AND PLACED AS PER OPSS
- 5) STRIP ALL ORGANICS PRIOR TO CONSTRUCTION.
- 6) DEPTH OF GRANULAR "B" TO BE INCREASED AS REQUIRED BY SOIL CONDITIONS
- 7) AREA FROM THE EDGE OF SHOULDER TO THE PROPERTY LINE IS TO BE SODDED OR SEEDED

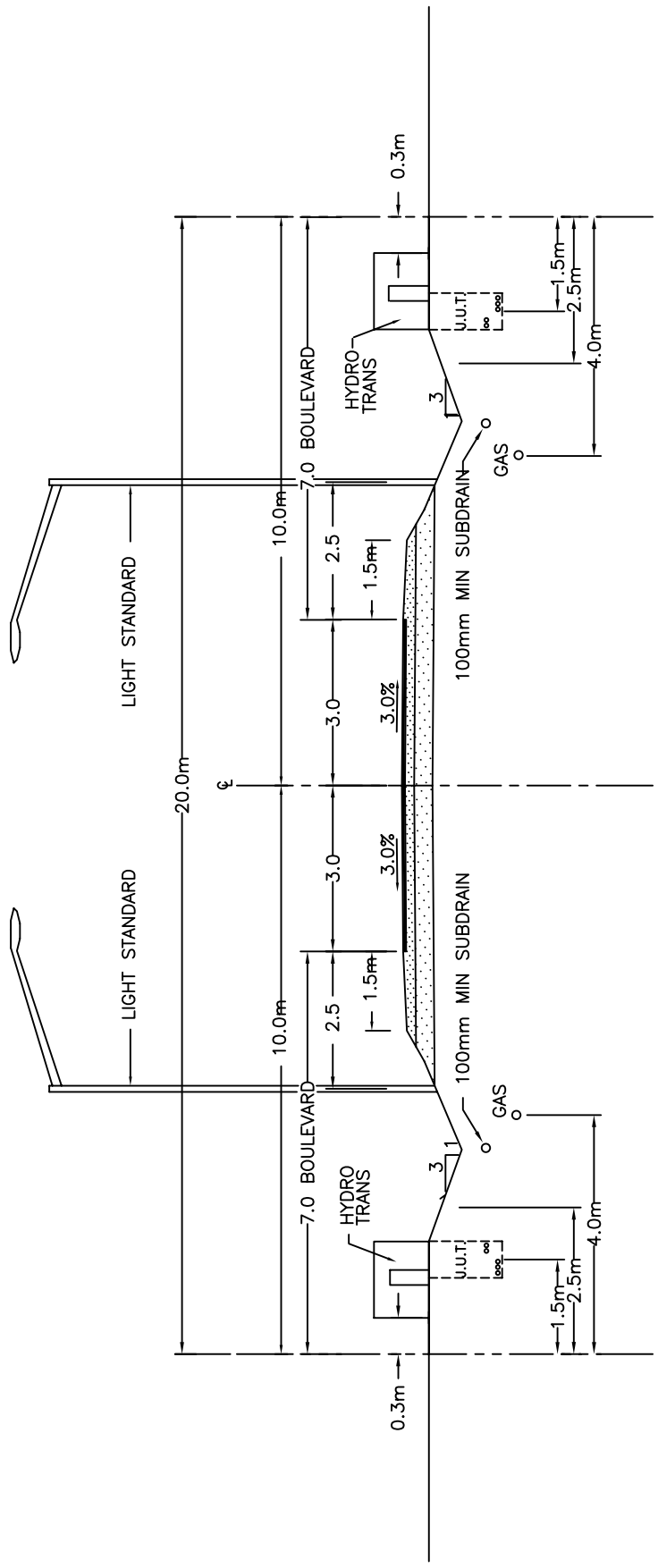
CORPORATION
TOWN OF
SMITHS FALLS

RURAL - ROADWAY
CROSS - SECTION
EARTH

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REV. DATE: January 2001

DWG. No.: RR-3



NOTES

1. ALL SERVICES INDICATED MAY NOT NECESSARILY APPLY AT THIS TIME.
2. J.U.T. - JOINT USE TRENCH - HYDRO/BELL/CABLEVISION/STREET LIGHT CABLE
3. LIGHT STANDARDS PERMITTED ON UTILITY POLES WHERE APPLICABLE
4. REFER TO UR-6A FOR UTILITY DEPTHS

CORPORATION
TOWN OF
SMITHS FALLS

RURAL RESIDENTIAL
20.0m R.O.W.
UTILITY LOCATIONS

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REV. DATE: January 2001

DWG. No.: RR-2

