

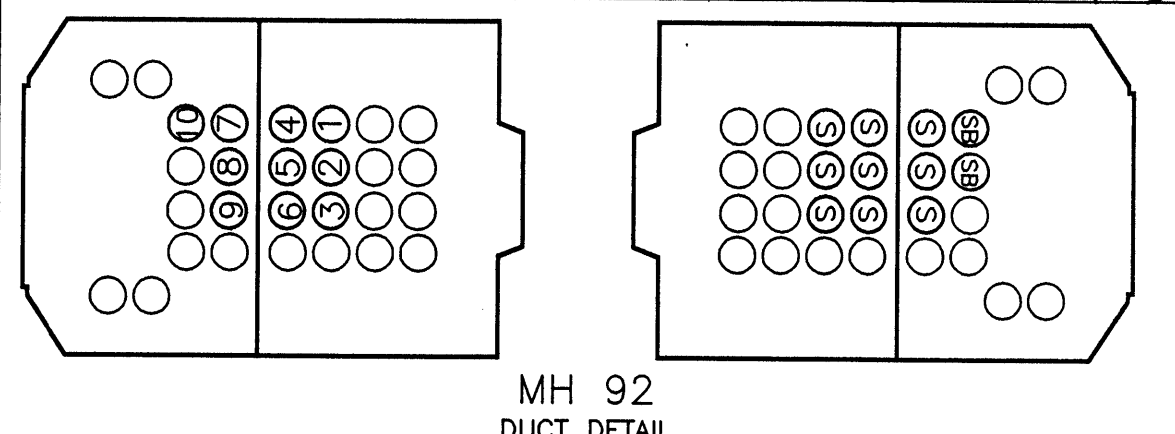
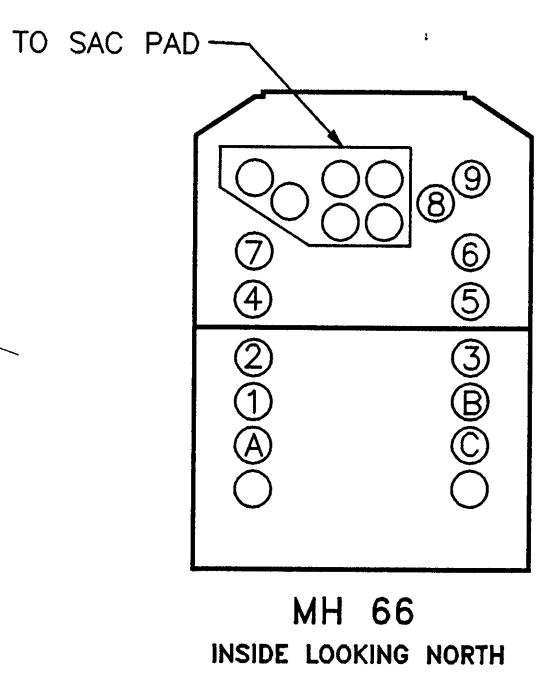
GRADES FOR CONCRETE ENCASED PORTION TO BE DETERMINED BY PROPOSED HIGHWAY CONSTRUCTION

AT POINT OF DEPARTURE FROM EXIST DUCT BANK, BREAK INTO TOP ROW OF DUCT BANK AND EXTEND EXISTING DUCTS 1.2&3 WITH PROPOSED 6-100mm DUCTS

NOTE: SANITARY FORCE MAIN CONTACT TOWN OF VIEW ROYAL FOR LOCATION MUST BE LOCATED BY HAND DIGGING

PROPOSED 6-100mm PVC DB2 DUCTS

CONNECT TO EXIST STUBBED 6-100mm PVC DUCTS #4-9 9.0m FROM CENTER OF MH LID

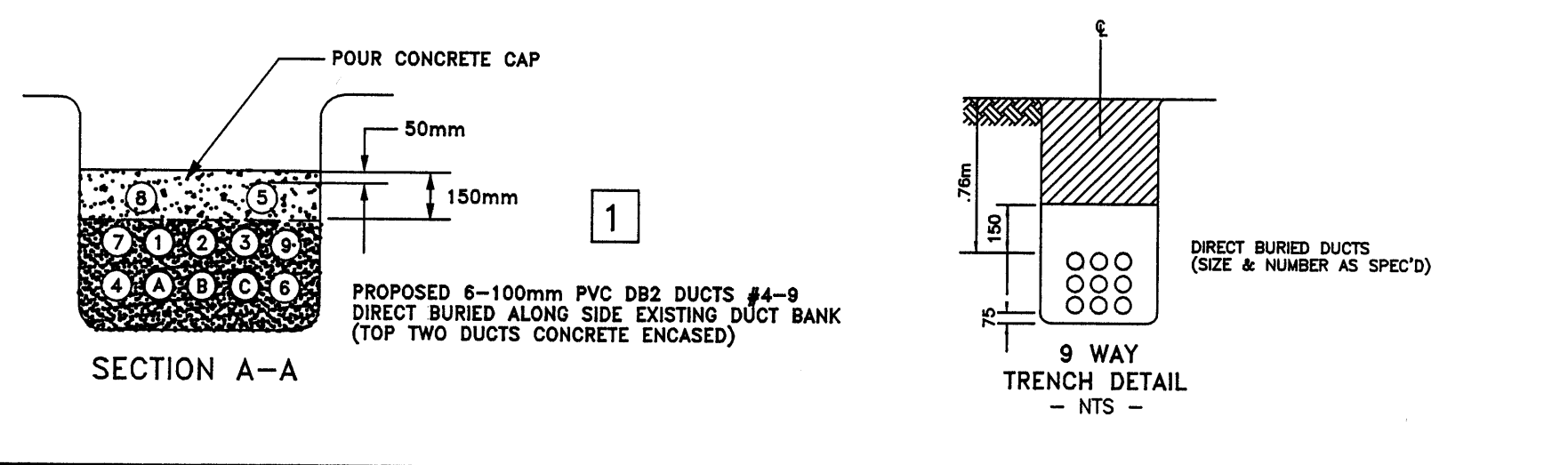


CONSTRUCTION NOTES :

- ELEVATIONS REFER TO GEODETIC
- CONDUIT GRADE ON PROFILE IS APPROXIMATE ONLY. FINISHED GRADE WILL BE SUBJECT TO LOCATION OF EXISTING UNDERGROUND UTILITIES.
- MINIMUM COVER CONDUIT 0.75m ALL SECTIONS EXCEPT WHERE OTHERWISE NOTED MANHOLE ROOF 0.80m
- ALL DUCTS TO BE 100mm P.V.C. UNLESS OTHERWISE NOTED
- ALL MANUFACTURED BENDS TO BE 4.3m RADIUS UNLESS OTHERWISE NOTED
- ALL CONCRETE PILASTERS TO BE 300mm ABOVE GRADE UNLESS OTHERWISE NOTED.
- CONTRACTOR IS TO PROVE THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES AND SERVICES AFFECTED BY CONSTRUCTION, BY M-SCOPE OR HAND EXCAVATION.
- CONTRACTOR TO USE CAUTION WHEN EXCAVATING NEAR OR BREAKING INTO B.C. TELEPHONE UNDERGROUND INSTALLATIONS. DAMAGE TO COMMUNICATIONS CABLES MUST BE AVOIDED.
- FOR CABLE TROUBLE OR REPAIR INFORMATION CONTACT BC ONE CALL AT 1-800-474-8888
- TEMPORARY RESTORATION IN ALL PAVED/SIDEWALK AREAS TO BE DONE IN ACCORDANCE WITH ALL APPROVING AUTHORITIES SPECIFICATIONS AND APPROVAL
- PERMANENT SIDEWALK AND CURB REPAIRS TO BE DONE BY CONTRACTOR PERMANENT ROAD REPAIRS TO BE DONE BY CONTRACTOR
- PERMANENT BOULEVARD RESTORATION BY CONTRACTOR
- ALL LANDSCAPE RESTORATION IN LAWN BOULEVARDS MUST BE DONE BY USING SUITABLE GRASS SOD
- CONTRACTOR TO CONTACT THE APPROPRIATE B.C. GAS INC. RECORDS DEPARTMENT 48hrs PRIOR TO START WORK.
- CONTRACTOR TO CONTACT THE CITY/MUNICIPAL WORKS INSPECTOR 48hrs PRIOR TO STARTING WORK
- ALL BACKFILL MATERIAL AND COMPACTION TO BE IN ACCORDANCE WITH THE APPROVING AUTHORITIES SPECIFICATIONS.
- BREAK OUT EXISTING CONCRETE ENCASED DUCTS: ANY JACK-HAMMERING OR USE OF POWER TOOLS TO BE CARRIED OUT BY CONTRACTOR. ALL HAND WORK ASSOCIATED WITH THE REMOVING OF CONCRETE, STRIPPING OF DUCTS, BREAKING OF DUCTS AND/OR HANDLING OF CABLES TO BE DONE BY B.C. TEL FORCES

ASSOCIATED DRAWINGS

- SA-100083 PRECAST M.H. PLMH 3152 O.D. 3.46m X 1.75m X 2.2HR
  - SA-100051 FIBER RE-ENFORCED PLASTIC SPLICE BOX
  - SA-100030 POLE PILASTER DETAIL
  - SA-100019 INSTALLATION-BACKWATER VALVE IN MANHOLE WALL
  - SA-100014 SAC PAD DETAILS
  - SA-100011 PROTECTION POST
  - SA-100004 SUMP C/W BACKWATER VALVE
  - HSK-2-285 3 LID CONCRETE BLOCK SPLICE BOX
  - HSK-2-325 3 LID CONCRETE BLOCK SPLICE BOX C/W SAC PAD
- EXISTING CONDUIT TO BE RELOCATED IF REQUIRED TO ENSURE SPECIFIED ENTRANCE LOCATIONS INTO MANHOLE/VAULT CONTRACTOR TO PROVIDE EXCAVATION, BACKFILLING AND RESTORATION IF RELOCATION BECOMES NECESSARY.
  - ORANGE MARKER TAPE TO BE PLACED IN TRENCH LINE, 300-400mm BELOW FINAL GRADE.
  - SUBGRADE & DIRECT BURIED MATERIAL WHERE APPLICABLE SHALL BE 20mm MINUS CRUSHED AGGREGATE.
  - BACKFILL MATERIAL SHALL BE:
    - IN ROADWAYS/TRAVELLED AREAS 20mm MINUS C.A.
    - IN SIDEWALK/TRAVELLED AREAS 20mm MINUS C.A.
    - IN BOULEVARD/UNTRAVELLED AREAS NATIVE FILL
  - WHERE ENCOUNTERED, THE CONTRACTOR SHALL REMOVE AND/OR REPLACE CONCRETE ROAD BASE TO THE GOVERNING AUTHORITY'S SPECIFICATION
  - ALL ROADS, CONCRETE SIDEWALKS, AND DRIVEWAYS SHALL BE SAWCUT WITH THE EXCEPTION OF COLD JOINTS.
  - INDICATES CONTRACT ITEM NUMBER
  - CONTRACTOR TO PULL IN A BC TEL SUPPLIED DUCT MEASURING TAPE THRU ONE DUCT IN EACH RUN AFTER MANHOULING. LOCATION TO BE DETERMINED BY BC TEL.



DIMENSIONS 100mm P.V.C. DUCTS	NO. OF DUCTS	DIRECT BURIED (mm)	CONC. ENCASED (mm)	DIRECT BURIED (STRAPPED)
10	1520	1395	1050	
8	1365	1265	945	
7	1210	1130	840	
6	1050	1000	735	
5	895	870	630	
4	735	735	525	
3	580	605	420	
2	420	470	315	
1	285	340	215	
1	210	105		

UTILITY LEGEND

- O UTILITY POLE
- PROPOSED B.C.TEL
- EXISTING B.C.TEL
- OIL LINE
- B.C.H. & P.A. SANITARY SEWER
- D DRAINAGE SEWER
- W WATER
- G GAS
- SL STREET LIGHTING
- FA FIRE ALARM
- SH STEAM HEATING CULVERT
- C CONCRETE ENCASED
- TV CATV COMPANY

AS CONSTRUCTED CHAINAGES

MH 66 - MH92	262.0m	C-C
MH 92 - S.B.#2	116.5m	C-C
MH 92 - S.B.#1	68.5m	C-C
MH 92 - STUB	103.4m	C-STUB

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AS CONSTRUCTED  
27/02/96  
LWW  
HI  
ISSUE 2

APP'D O	DR. LW	APPROVED
DESIGN. H ISOMAA	CH. O	DATE:
W.O. 709531	DATE: 20/09/95	APPROVED
FIELD BOOK O	SCALE: AS SHOWN	DATE:
CONTRACT: A-95-11	AS CONSTRUCTED DATE: O	PROPOSED UNDERGROUND CONDUIT CONSTRUCTION
ISSUE	MICROFILMED DATE:	ST. GILES ST
	ASSOCIATED DRAWINGS	TOWN OF VIEW ROYAL
	HU1-24-0414	HU1-24-0415
	HU3-24-0413	
REF. MAP O	FILE O	SHEET 1 OF 1