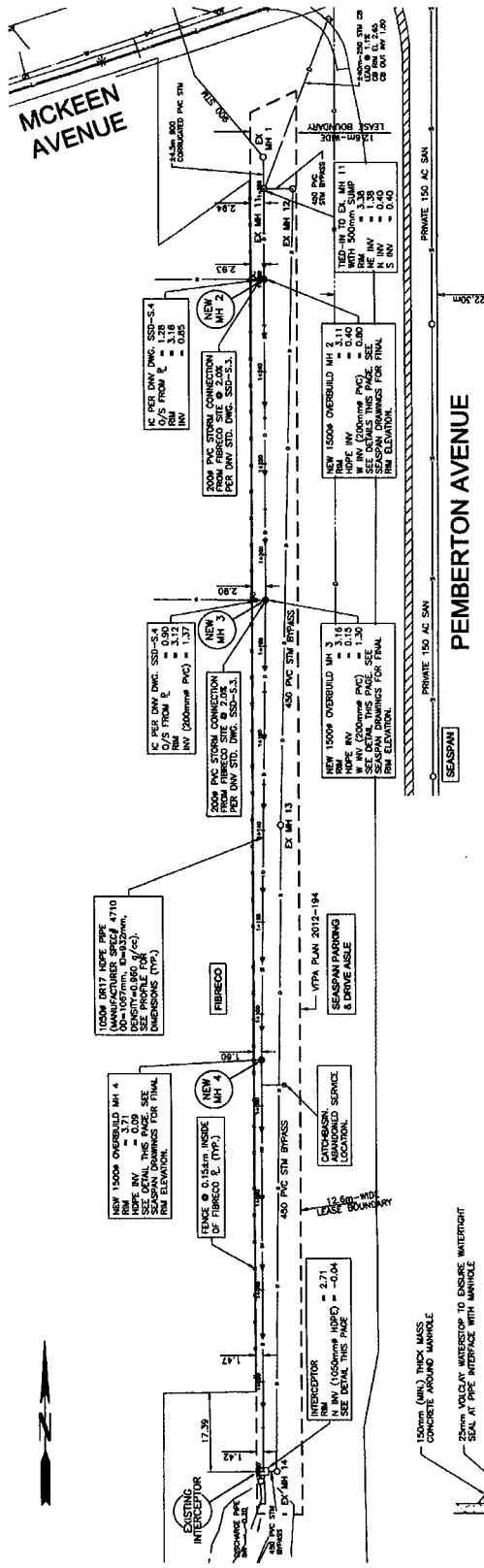

APPENDIX G
Site Servicing Plans



Fibreco was constructed in 1978. Original site service connections will continue to serve the site well into the future. The attached as-built drawings illustrate the services to the lot boundary.

- Stormwater Connection As-built (Paragon Engineering - 2103)
- Sanitary Connection As-built (District of North Vancouver, Municipal Engineering – 1978)
- Water Connection (H.A. Simons - 1979)



| NO. | DATE | DESCRIPTION | BY | CHECKED |
|----------|------------|---|--------|---------|
| 6 | 2014.02.23 | RECORD DRAWING - MANHOLE NUMBERS REVISED | MAC/SK | MAC/SK |
| 5 | 2014.05.25 | RECORD DRAWING - ADDED REFERRED PIPE ALIGNMENT BY DAV | MAC/SK | MAC/SK |
| 4 | 2014.07.28 | RECORD DRAWINGS | MAC/SK | MAC/SK |
| 3 | 2014.04.29 | REVISED & RE-SIGNED FOR CONSTRUCTION | MAC/SK | MAC/SK |
| 2 | 2014.04.10 | ISSUED FOR CONSTRUCTION | MAC/SK | MAC/SK |
| 1 | 2014.01.07 | REVISED & RE-SIGNED FOR REVIEW | MAC/SK | MAC/SK |
| 0 | 2013.12.11 | ISSUED FOR REVIEW | MAC/SK | MAC/SK |
| DESIGNER | | | | |
| CHECKER | | | | |
| DATE | | | | |

| STATION | DEPTH | DESCRIPTION |
|---------|-------|----------------------|
| 1+000 | 0.00 | EXISTING INTERCEPTOR |
| 1+000 | 0.09 | NEW MH 1 |
| 1+000 | 0.09 | NEW MH 2 |
| 1+000 | 0.09 | NEW MH 3 |
| 1+000 | 0.09 | NEW MH 4 |
| 1+000 | 0.09 | NEW MH 13 |
| 1+000 | 0.09 | NEW MH 14 |
| 1+000 | 0.09 | NEW MH 15 |
| 1+000 | 0.09 | NEW MH 16 |
| 1+000 | 0.09 | NEW MH 17 |
| 1+000 | 0.09 | NEW MH 18 |
| 1+000 | 0.09 | NEW MH 19 |
| 1+000 | 0.09 | NEW MH 20 |
| 1+000 | 0.09 | NEW MH 21 |
| 1+000 | 0.09 | NEW MH 22 |
| 1+000 | 0.09 | NEW MH 23 |
| 1+000 | 0.09 | NEW MH 24 |
| 1+000 | 0.09 | NEW MH 25 |
| 1+000 | 0.09 | NEW MH 26 |
| 1+000 | 0.09 | NEW MH 27 |
| 1+000 | 0.09 | NEW MH 28 |
| 1+000 | 0.09 | NEW MH 29 |
| 1+000 | 0.09 | NEW MH 30 |
| 1+000 | 0.09 | NEW MH 31 |
| 1+000 | 0.09 | NEW MH 32 |
| 1+000 | 0.09 | NEW MH 33 |
| 1+000 | 0.09 | NEW MH 34 |
| 1+000 | 0.09 | NEW MH 35 |
| 1+000 | 0.09 | NEW MH 36 |
| 1+000 | 0.09 | NEW MH 37 |
| 1+000 | 0.09 | NEW MH 38 |
| 1+000 | 0.09 | NEW MH 39 |
| 1+000 | 0.09 | NEW MH 40 |
| 1+000 | 0.09 | NEW MH 41 |
| 1+000 | 0.09 | NEW MH 42 |
| 1+000 | 0.09 | NEW MH 43 |
| 1+000 | 0.09 | NEW MH 44 |
| 1+000 | 0.09 | NEW MH 45 |
| 1+000 | 0.09 | NEW MH 46 |
| 1+000 | 0.09 | NEW MH 47 |
| 1+000 | 0.09 | NEW MH 48 |
| 1+000 | 0.09 | NEW MH 49 |
| 1+000 | 0.09 | NEW MH 50 |
| 1+000 | 0.09 | NEW MH 51 |
| 1+000 | 0.09 | NEW MH 52 |
| 1+000 | 0.09 | NEW MH 53 |
| 1+000 | 0.09 | NEW MH 54 |
| 1+000 | 0.09 | NEW MH 55 |
| 1+000 | 0.09 | NEW MH 56 |
| 1+000 | 0.09 | NEW MH 57 |
| 1+000 | 0.09 | NEW MH 58 |
| 1+000 | 0.09 | NEW MH 59 |
| 1+000 | 0.09 | NEW MH 60 |
| 1+000 | 0.09 | NEW MH 61 |
| 1+000 | 0.09 | NEW MH 62 |
| 1+000 | 0.09 | NEW MH 63 |
| 1+000 | 0.09 | NEW MH 64 |
| 1+000 | 0.09 | NEW MH 65 |
| 1+000 | 0.09 | NEW MH 66 |
| 1+000 | 0.09 | NEW MH 67 |
| 1+000 | 0.09 | NEW MH 68 |
| 1+000 | 0.09 | NEW MH 69 |
| 1+000 | 0.09 | NEW MH 70 |
| 1+000 | 0.09 | NEW MH 71 |
| 1+000 | 0.09 | NEW MH 72 |
| 1+000 | 0.09 | NEW MH 73 |
| 1+000 | 0.09 | NEW MH 74 |
| 1+000 | 0.09 | NEW MH 75 |
| 1+000 | 0.09 | NEW MH 76 |
| 1+000 | 0.09 | NEW MH 77 |
| 1+000 | 0.09 | NEW MH 78 |
| 1+000 | 0.09 | NEW MH 79 |
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| 1+000 | 0.09 | NEW MH 88 |
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| 1+000 | 0.09 | NEW MH 91 |
| 1+000 | 0.09 | NEW MH 92 |
| 1+000 | 0.09 | NEW MH 93 |
| 1+000 | 0.09 | NEW MH 94 |
| 1+000 | 0.09 | NEW MH 95 |
| 1+000 | 0.09 | NEW MH 96 |
| 1+000 | 0.09 | NEW MH 97 |
| 1+000 | 0.09 | NEW MH 98 |
| 1+000 | 0.09 | NEW MH 99 |
| 1+000 | 0.09 | NEW MH 100 |

DF9556

DISTRICT OF NORTH VANCOUVER
PEMBERTON AVENUE STORM SEWER

PROFILE
COMPLETED PIPE BURST

BC CALL
CHECK BEFORE YOU DIG!
1-800-471-6886
CELLULAR 6886
CONTRACTOR TO CONTACT BC-ONE-CALL PRIOR TO BEGINNING WORK.
THE EXACT LOCATION OF ALL UTILITIES SHALL BE DETERMINED ON SITE.

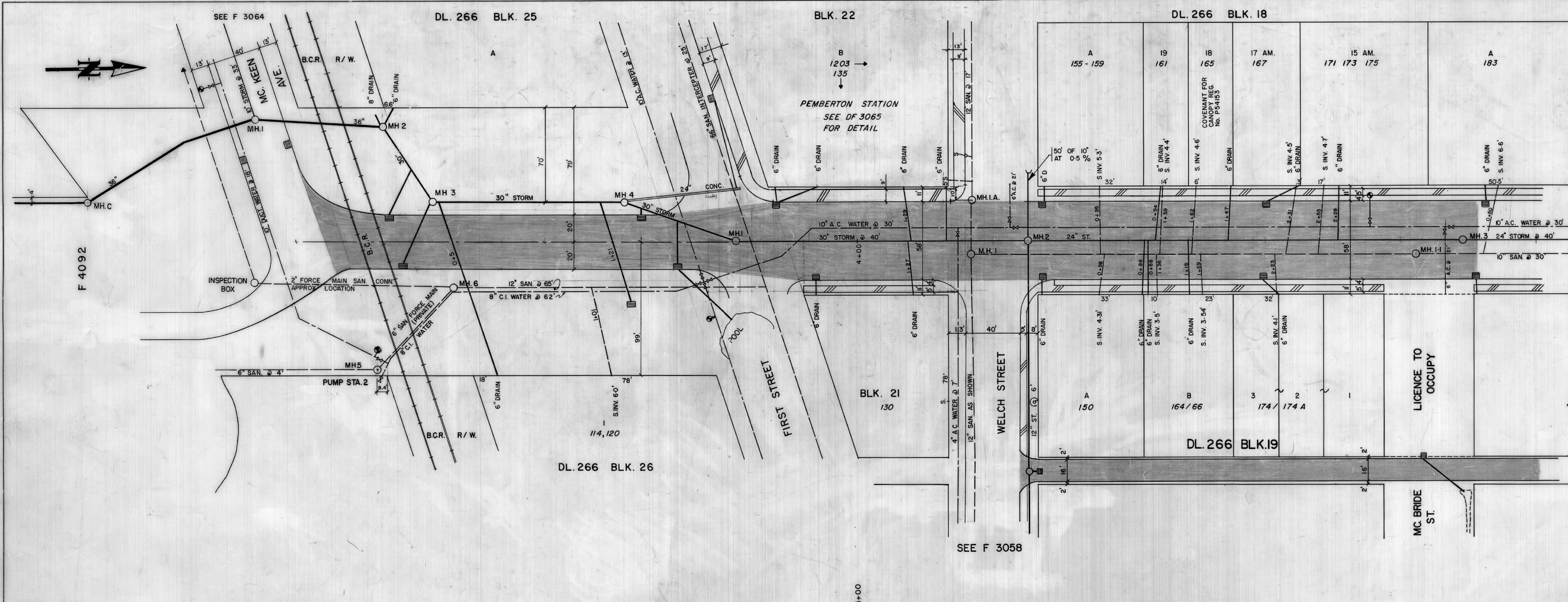
PROJ. NO. 2013-02
DATE DECEMBER 2013
REV. 1
DATE 13/04/2014

ENGINEERING LTD.
REGISTERED PROFESSIONAL ENGINEER
REGISTERED PROFESSIONAL GEOTECHNICAL ENGINEER
REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT

NOTES:
1. NEW 1000MM DRI7 HOPE PIPE HAS BEEN BURST THROUGH PREVIOUSLY USED 800MM CSP.
2. BURST 800MM CSP HAS BEEN PARTIALLY RECOVERED/BURST INTO SOIL AROUND THE NEW HOPE PIPE.
3. LOCATIONS OF UNDERGROUND UTILITIES AND SERVICES HAVE BEEN DETERMINED FROM PREVIOUS RECORD DRAWINGS AND/OR INTERPRETATION OF SURVEY DATA. LOCATIONS ARE NOT GUARANTEED AS TO THEIR ACCURACY OR COMPLETENESS.

ATTENTION

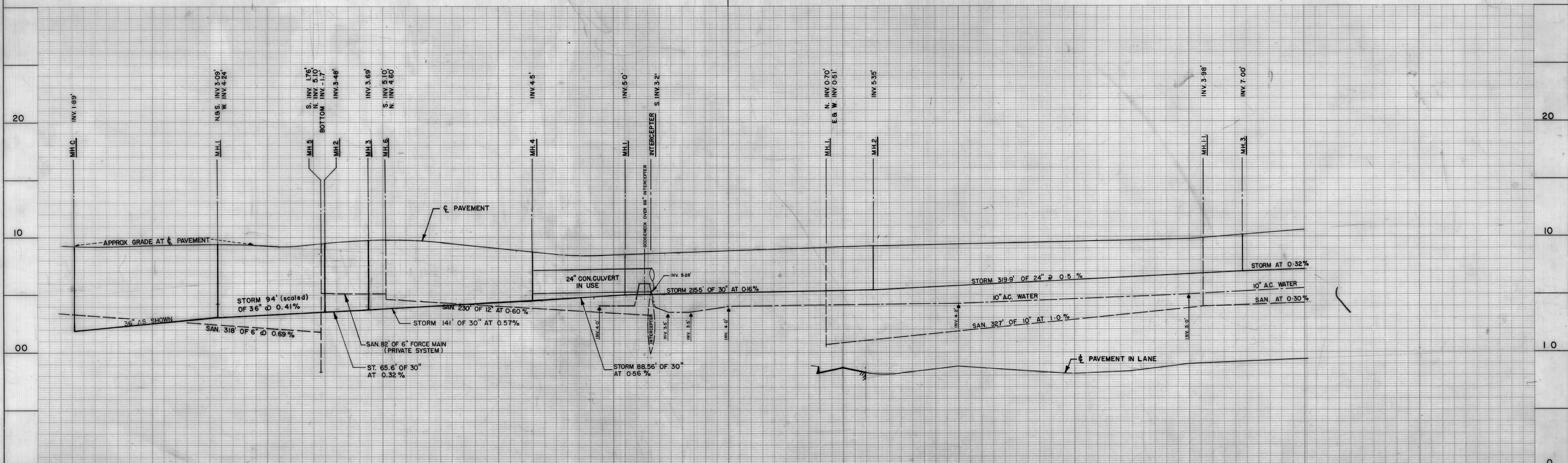
THE DISTRICT OF NORTH VANCOUVER DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN ON THIS DRAWING. CONSEQUENTLY THE DISTRICT WILL NOT ACCEPT ANY RESPONSIBILITY FOR COSTS INCURRED AS A RESULT OF ERRORS, DEFICIENCIES AND OMISSIONS IN THIS DRAWING



SEE F 3066

SEE F 3058

PEMBERTON AVE.



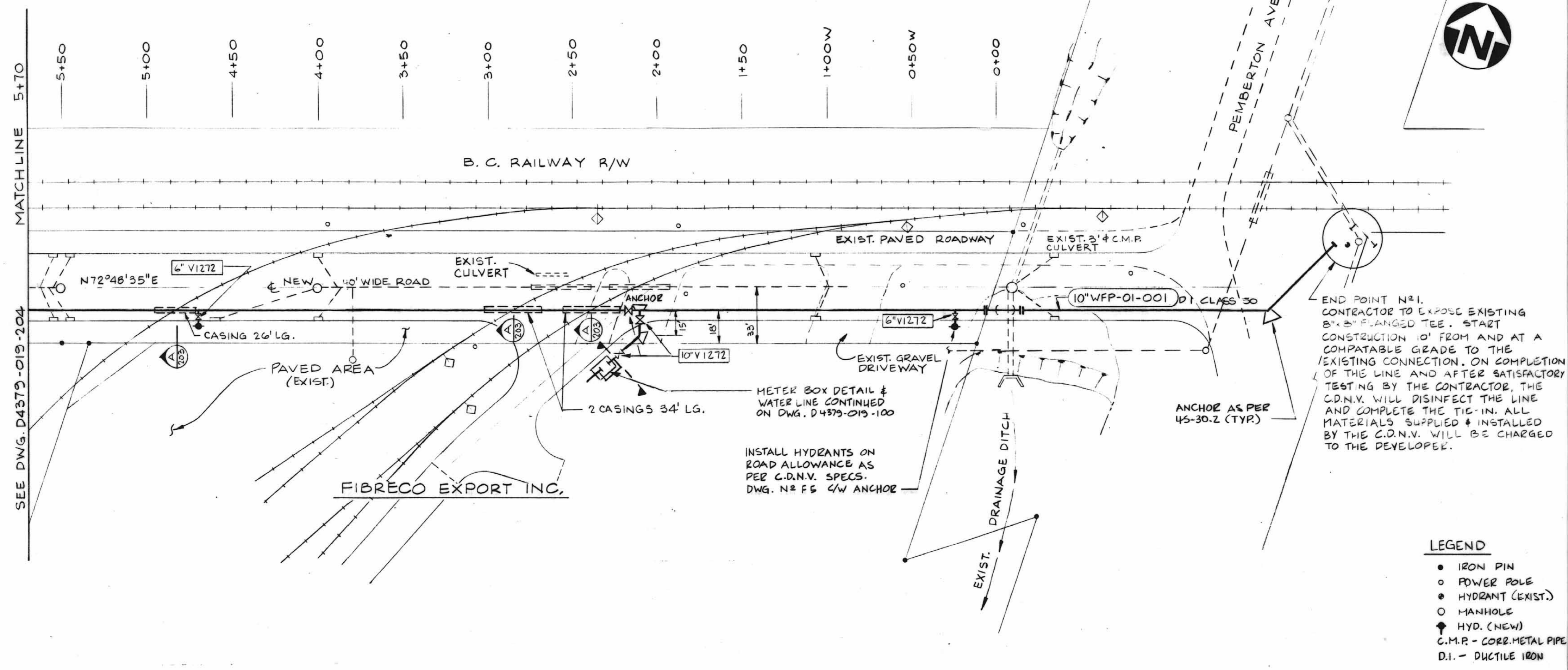
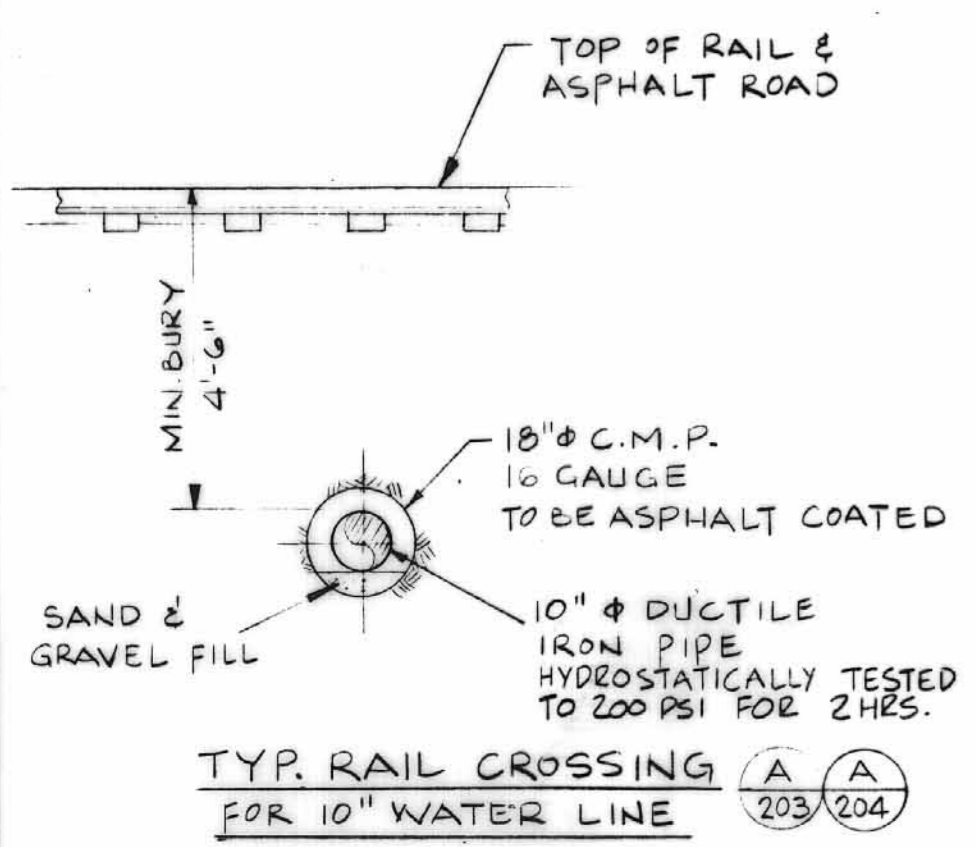
| | | | | | | | | | | | | | |
|----------------|--|-------------------|--|-----------------------|--|-------------------------------|--|---------------------|--|--------------------|--|--------------|--|
| LEGEND | | GAS MAIN | | WATER CONN. | | BASEMENT ELEV. HIGH SIDE | | AS BUILT | | J.C. | | MAR. 80 | |
| CURB EDGE | | U/G. TEL. & HYDRO | | HYDRANT | | BASEMENT ELEV. LOW SIDE | | A | | S.W. | | AUG. 89 | |
| ROAD EDGE | | U/G. LIGHTING | | GATE VALVE | | DRAIN TILE | | SIDEWALK AROUND PUB | | J.M. | | | |
| STORM SEWER | | DITCH WITH INLET | | BLOW OFF | | SAN. SEWER RISER | | ISSUE | | DESIGN | | RECOM. DATE | |
| SANITARY SEWER | | STORM CONN. | | CATCH BASIN | | SAN. VERT. BEND | | DESCRIPTION | | DRAWN | | DATE | |
| WATER MAIN | | SAN. CONN. | | SAN. SEWER MAIN STACK | | SAN. SEWER CONN. X-ING. STORM | | DWG. APPROVED BY | | REF. DWGS. | | FIELD BOOKS. | |
| | | | | | | | | | | DE. 59, DF. 1266 | | | |
| | | | | | | | | | | S.D. 224, S.F. 196 | | | |
| | | | | | | | | | | WF. 130, 77 | | | |

DISTRICT OF NORTH VANCOUVER
MUNICIPAL ENGINEERING DEPARTMENT

AS BUILT
TITLE: **PEMBERTON AVE.** (100 BLOCK)
MC. KEEN AVE. TO MC. BRIDE ST.

Scale: Hor. 1" = 40' Vert. 1" = 4'
PLAN No. F 3065 A

TENTHS 0 INCHES 1 2 3 4 5 6 7 8 9 10 EIGHTHS 0 MM 10 20 30 40 50 60 70 80 90 100



| STATION | INVERT ELEVATION | DESCRIPTION |
|----------|------------------|-------------|
| 5+70 | 3.15 | MATCH LINE |
| 5+50 | 2.85 | |
| 5+00 | 2.85 | |
| 4+70 | 3.08 | |
| 2+57 | 4.70 | |
| 2+10 | 4.50 | |
| 0+24 | 3.69 | LOC. OF TEE |
| 0+02.5 W | 3.60 | |
| 0+01 E | 6.35 | |
| 0+11 E | 6.35 | |
| 0+14 E | 3.50 | |
| 1+40 E | 4.00 | |
| 1+92 E | 5.00 | |

VALVE SERVICE BOX ASSEMBLY D.S. 4D-13.1

AIR VALVE TERMINAL CITY DOUBLE ACTING OR APPROVED EQUAL BRASS NIPPLE

CORPORATION COCK THREADOLET

DETAIL 1/203

LOC. OF TEE

SPUR T.O.R. 8.68'

SPUR T.O.R. 10.28'

SPUR T.O.R. 10.04'

PROPOSED GRADE ALONG ROAD

AIR VALVE SEE DETAIL 1/203

10" STORM

10" STORM

10" PREFAB CAR. STEEL "GOOSENECK" WITH 150" R.F. FLANGED ENDS SEE NOTES

Approved 7-03-12 [Signature]

0.00 DATUM GEODETIC

| PURCHASE ORDER | | |
|-----------------------|--------|-------------|
| DWG. ISSUED TO VENDOR | NUMBER | DESCRIPTION |
| | | |
| | | |

| ASSOCIATED DRAWINGS | | |
|---------------------|--|--|
| D4379-019-204 | SUBDIVISION ROAD & WATERWORKS (WEST) | |
| D4379-019-100 | PLOT PLAN & UNDERGROUND SERVICES (NORTH) | |
| D4379-019-300 | PIPE LINE NOMENCLATURE SHEET | |

"GOOSENECK"

MATERIAL SPEC. ASTM A53 GRADE A. THE EXTERIOR SURFACE SHALL BE CLEANED, PRIMED, & COATED WITH COAL TAR ENAMEL, FIBROUS GLASS MAT, AND WEAPPED WITH BONDED ASBESTOS FELT WEAPPERS. ALL SUCH MATERIALS AND APPLICATIONS SHALL BE IN ACCORDANCE WITH AWWA C203, TOGETHER WITH SECTION OF THE APPENDIX OF THOSE SPECIFICATIONS. TYPE 'B' FAST DRYING PRIMER SHALL BE USED THROUGHOUT.

| ISSUE NO. | D/M/Y | ISSUE | DR. | CH. | APP. |
|-----------|---------|--|-----|-----|------|
| 02 | 7/3/79 | ISSUED FOR FINAL APPROVAL C.D.N.V. | | | KM |
| 01 | 12/1/79 | ISSUED TO THE CORPORATION OF THE DISTRICT OF NORTH VANCOUVER FOR CONSTRUCTION APPROVAL. ISSUED TO B.C.R. FOR SUBMISSION TO M.E.T.C. FOR RAIL CROSSING APPROVAL | | | KM |

CERTIFIED FOR CONSTRUCTION

CLIENT PROJ. MGR. HAS DIV. MGR. HAS PROJ. ENL.

FIBRECO
FIBRECO EXPORT INC.
NORTH VANCOUVER CANADA

H. A. SIMONS (INTERNATIONAL) LTD.
CONSULTING ENGINEERS
VANCOUVER PROJECT 4379 B CANADA

AREA

SUBJECT

SUBDIVISION ROAD & WATERWORKS (EAST)

SCALE

1" = 4' VERT.
1" = 40' HOR.

DR. DR. GOROKOWSKY 5 2 79

APP. [Signature]

CLIENT DRAWING NO. H.A.S. DRAWING NO. D4379-019-203 ISSUE 02

Approved 7-03-12 [Signature]

0.00 DATUM GEODETIC

WF 594A 20F2