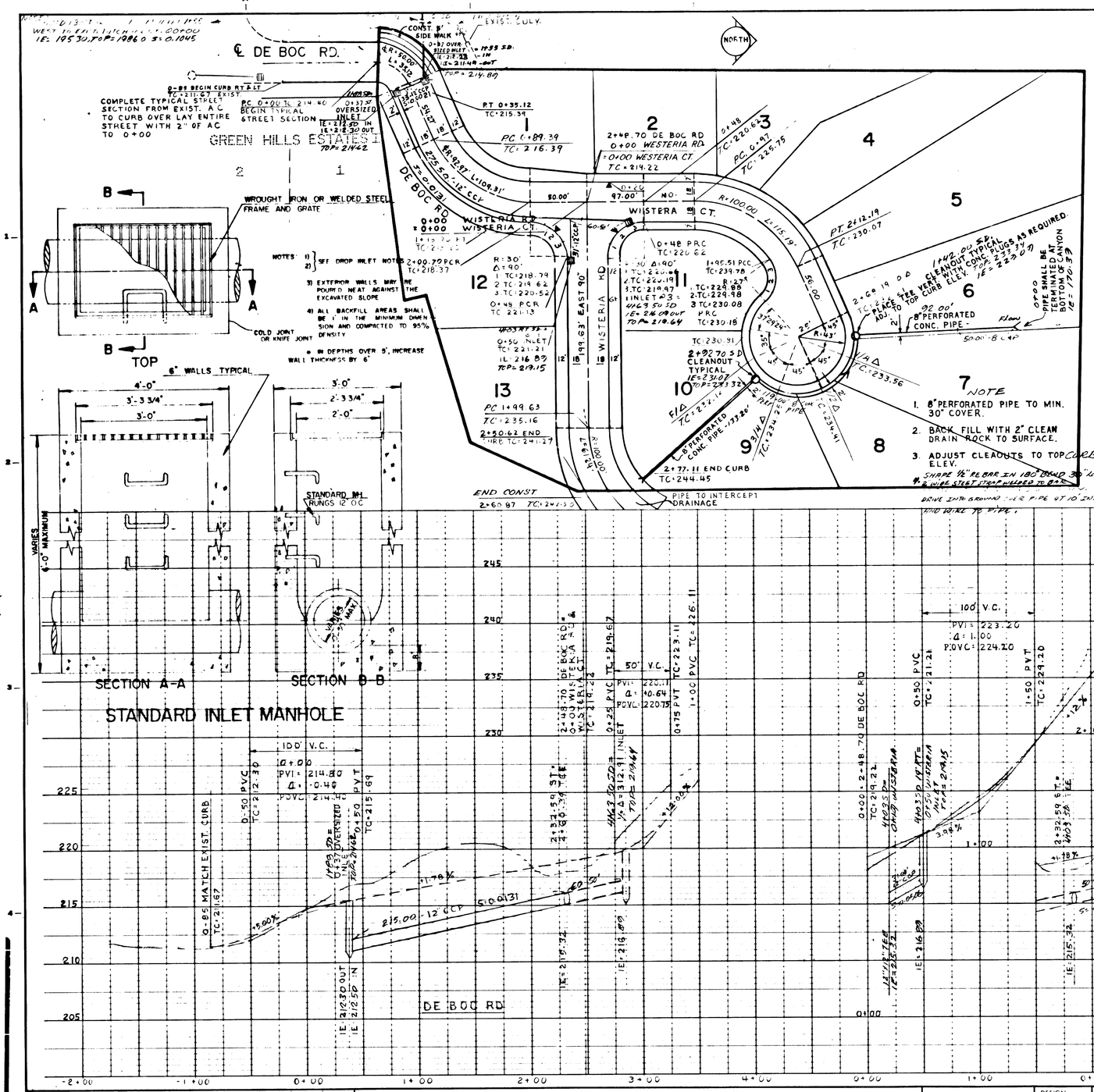
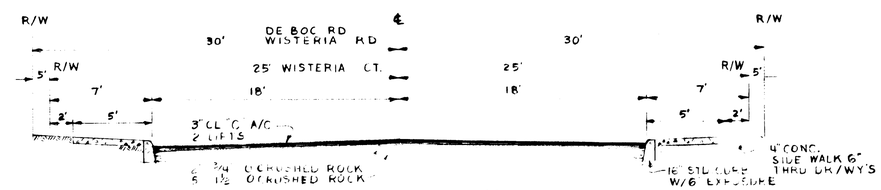


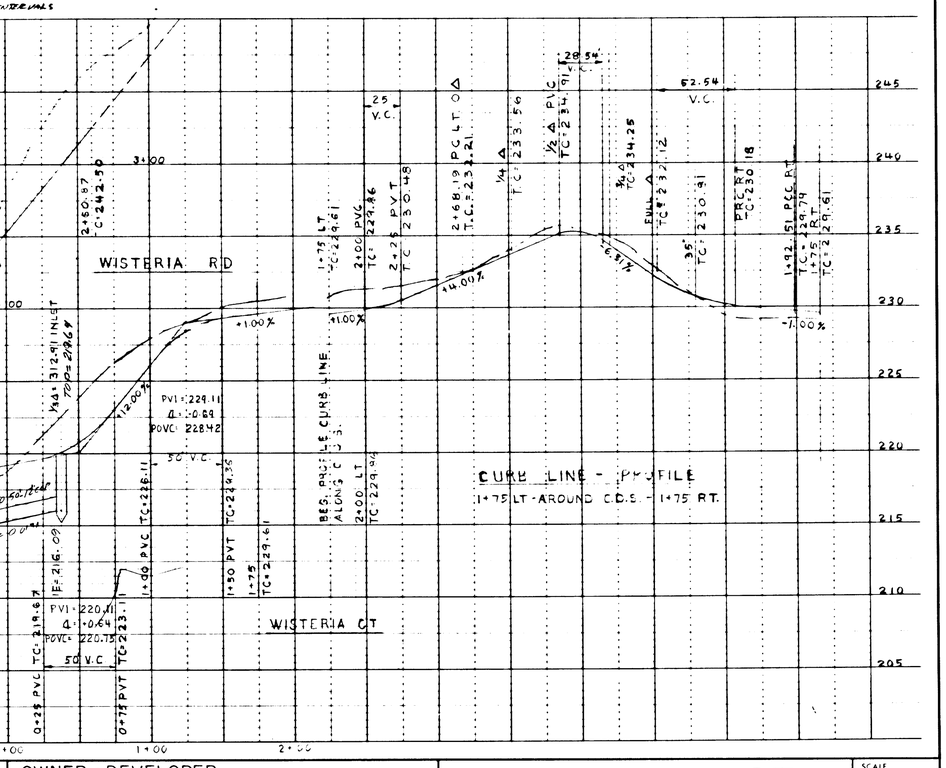
STREET NOTES:

1. ALL WORK SHALL BE DONE IN CONFORMANCE WITH THESE PLANS AND WITH THE CITY OF WEST LINN STANDARDS. IN THE EVENT OF A CONFLICT BETWEEN THESE PLANS AND THE CITY STANDARDS, THE CITY OF WEST LINN STANDARDS SHALL TAKE PRECEDENCE.
2. NO ITEM OR PHASE OF WORK SHALL BE CONSIDERED COMPLETE UNTIL ACCEPTED BY THE CITY AND THE ENGINEER.
3. ALL TRENCH BACKFILL MATERIAL AND METHODS SHALL BE IN CONFORMANCE WITH THE CITY OF WEST LINN STANDARDS.
4. ALL PERMITS AND LICENSES NECESSARY FOR THE PROSECUTION AND COMPLETION OF THE WORK SHALL BE SECURED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION.
5. THE LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THE PLANS IS FOR INFORMATION ONLY AND NOT GUARANTEED TO BE ACCURATE
6. BEFORE COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY ALL PERTINENT COMPANIES OR AGENCIES WITH UNDERGROUND FACILITIES IN THE PROJECT AREA SO THAT SAID FACILITIES MAY BE ACCURATELY LOCATED I.E. POWER, GAS, TELEPHONE, WATER, STORM AND SANITARY SEWER.
7. EXISTING TREES, POLES AND CONCRETE SLABS ARE NOT SHOWN ON PLANS.
8. PROVIDE 2 EACH PER LOT 4" RAIN DRAIN OUTLETS THROUGH CURB.



1. SIDE WALK TO BE ADJ. WITH PROP. LINE ON DE BOC RD AND EAST WISTERIA RD
2. SIDE WALK TO BE ADJ. CURB ON NORTH WISTERIA CT.

TYPICAL SECTION
N.T.S.



REV.	DESCRIPTION	SUB.	APPR.	DATE
3.	AS-BUILT ADDED 8" PERF. DRAIN AND NOTES - PER CITY	WJH	SLC	6-19-80
2.	REVISED STORM DRAIN		SLC	5-15-80
1.			SLC	7-20-79

REFER TO TRACING FOR LATEST REVISION

REFERENCE INFORMATION AND NOTES:
HORIZONTAL DATUM - CANYON CREST PLAT
VERTICAL DATUM - CITY OF WEST LINN (USC & GS)

DESIGN W. L. Mc. S.L.C.
TRACED N. H.
CHECKED J. R. H.
DATE 5-1-79

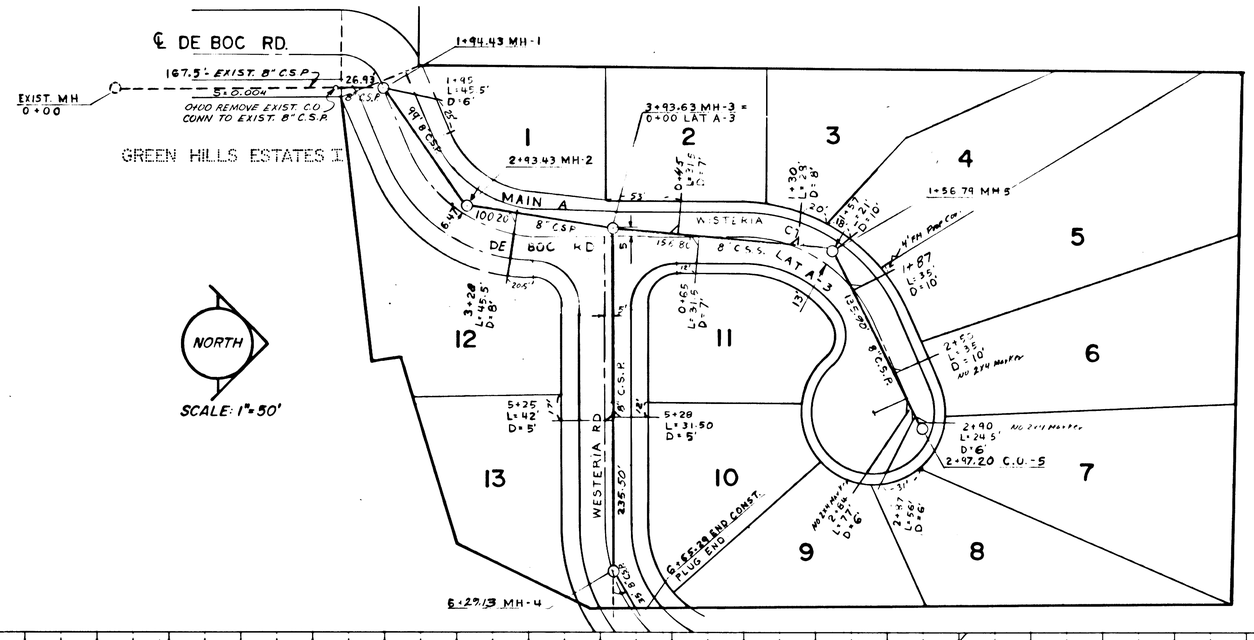
OWNER - DEVELOPER
HELANDER INVESTMENT INC.
3831 S. W. CANBY
PORTLAND, OREGON

Harris-McMonagle Associates
ENGINEERS - SURVEYORS
8905 S.W. COMMERCIAL STREET
TIGARD, OREGON 97223

CANYON CREST
STREET IMPROVEMENTS
PLAN & PROFILE

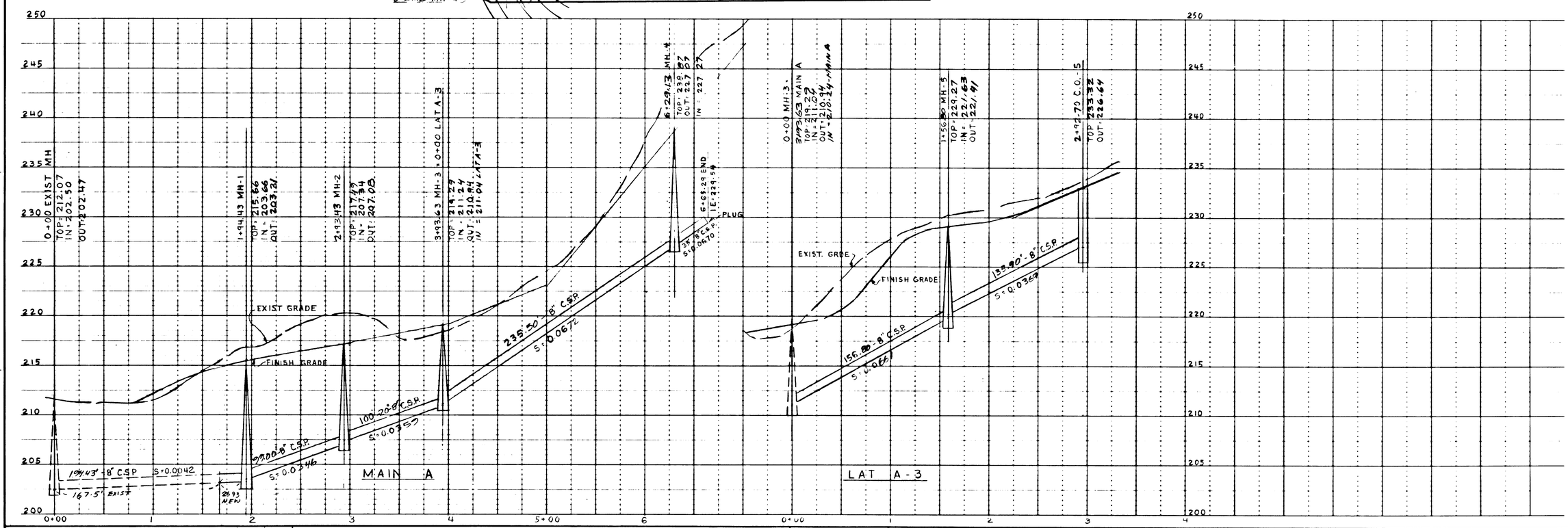
SCALE 1" = 50' HORZ. 1" = 5' VERT.
JOB NO.
SHEET 1 OF 3

CANYON CREST



SEWER NOTES:

1. ALL PIPE SHALL BE CONCRETE SEWER PIPE CONFORMING TO ASTM SPEC. C-14 CLASS -2.
2. ALL MAIN LINE SEWER PIPE SHALL BE 8" DIA.
3. ALL SERVICE LATERALS SHALL BE 4" DIA. WITH WYES AND ⅛ BENDS.
4. TRENCH BACKFILL MATERIAL IN STREET AREAS SHALL BE MADE WITH ACCEPTABLE GRANUAL MATERIAL, AS PER CITY OF WEST LINN STDS.
5. PIPE BEDDING SHALL BE CLASS "B" AS PER CITY OF WEST LINN STANDARDS.
6. ALL PERMITS AND LICENSES NECESSARY FOR THE PROSECUTION AND COMPLETION OF THE WORK SHALL BE SECURED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION.
7. THE LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THE PLANS IS FOR INFORMATION ONLY AND NOT GUARANTEED TO BE ACCURATE
8. BEFORE COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY ALL PERTINENT COMPANIES OR AGENCIES WITH UNDERGROUND FACILITIES IN THE PROJECT AREA SO THAT SAID FACILTIES MAY BE ACCURATELY LOCATED I.E. POWER, GAS, TELEPHONE, WATER, STORM AND SANITARY SEWER.



REV.	DESCRIPTION	SUB.	APPR.	DATE
2	AS BUILT	WJH.	SLC.	6-19-80
1	REVISED SAN. SWR. END EXTENSION & SERVICE LATERAL PIPE SIZE.		W.L.M.	8-9-79

REFER TO TRACING FOR LATEST REVISION

REFERENCE INFORMATION AND NOTES:
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DESIGN S.L.C.
TRACED N. H.
CHECKED J.R.H.
DATE 5-1-79

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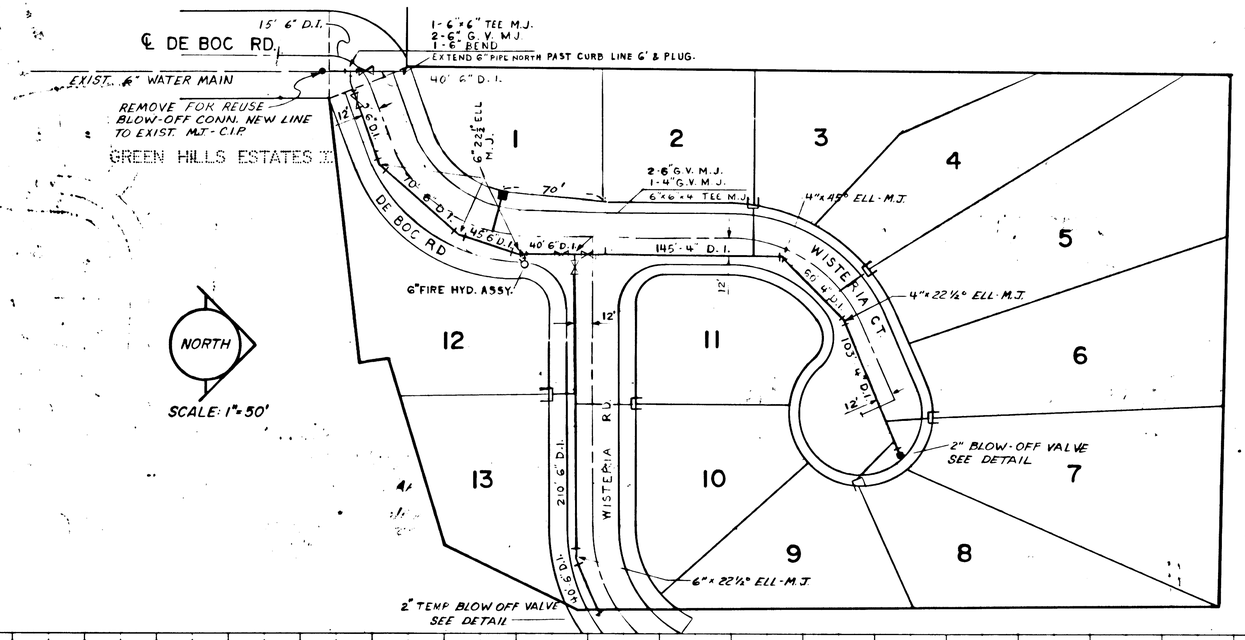
PORTLAND, OREGON

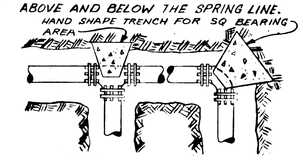
Harris-McManagle Associates
ENGINEERS SURVEYORS
8905 S.W. COMMERCIAL STREET
TIGARD, OREGON 97223

CANYON CREST
SANITARY SEWER PLAN AND PROFILE

SCALE 1" = 50' HORZ 1" = 5 VERT
JOB NO
SHEET 2 OF 3



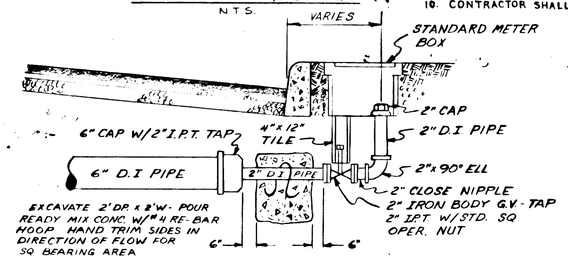
1. BLOCK CONC. AWAY FROM FITTING BOLTS
2. BLOCKING AREA SHALL BE EQUAL DIST. ABOVE AND BELOW THE SPRING LINE.



TYPE	BLOCKING AREA
6" TEE OR CROSS	2.5 S.F.
6" 45° & 60° BEND	2.0 S.F.
6" 22½° BEND	1.3 S.F.

THRUST BLOCK DETAIL

N.T.S.



BLOW-OFF VALVE DETAIL

N.T.S.

WATER SYSTEM NOTES:

1. ALL PIPE WILL BE TYTON JOINT CLASS 52 DUCTILE, PACIFIC STATES OR EQUAL.
2. ALL FITTINGS TO BE CAST IRON, PACIFIC STATES OR EQUAL.
3. ALL GATE VALVES TO BE NON-RISING STEM.
4. ALL PIPE TO HAVE MINIMUM 36" COVER TO FINISH STREET GRADE.
5. ALL TEES, BENDS, AND ENDS OF LINES TO BE BLOCKED WITH POURED-IN-PLACE CONCRETE WITH 3 SQ. FT. BEARING AREA.
6. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE FOLLOWING AGENCIES: WEST LINN WATER DEPT., N.W. NATURAL GAS CO., GENERAL TELE. CO. & PGE.
7. ALL WORK SHALL STRICTLY CONFORM WITH THE CITY OF WEST LINN STANDARDS FOR WATER SYSTEM CONSTRUCTION.
8. ALL LINES SHALL BE THOROUGHLY FLUSHED AND CHLORINATED AND POTABLE WATER TEST APPROVED BY THE OREGON STATE HEALTH DEPT. PRIOR TO ANY METER HOOK-UP SERVICE.
9. ALL FIRE HYDRANTS TO CONFORM TO CITY OF WEST LINN STANDARDS FOR TYPE & INSTALL.
10. CONTRACTOR SHALL FURNISH & INSTALL METER BOXES TO CITY OF WEST LINN STANDARDS.

REV.	DESCRIPTION	SUB.	APPR.	DATE
2	AS-BUILT	WJH	SLC	6-19-87
1	REVISED WATER LINE PIPE SIZE & LOCATION OF FIRE HYDRANT		W.L.M.	8-9-79

REFER TO TRACING FOR LATEST REVISION

REFERENCE INFORMATION AND NOTES:
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VERTICAL DATUM - CITY OF WEST LINN (USC&GS)

DESIGN W.L.Mc S.L.C.
TRACED N. H
CHECKED J.R.H.
DATE 5-1-79

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CANYON CREST

WATER PLAN

SCALE 1" = 50'
JOB NO
SHEET 3
OF 3