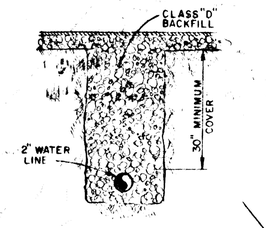
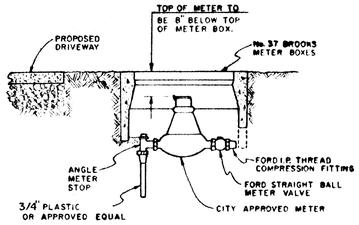


(WATER) TRENCH DETAIL

N.T.S.

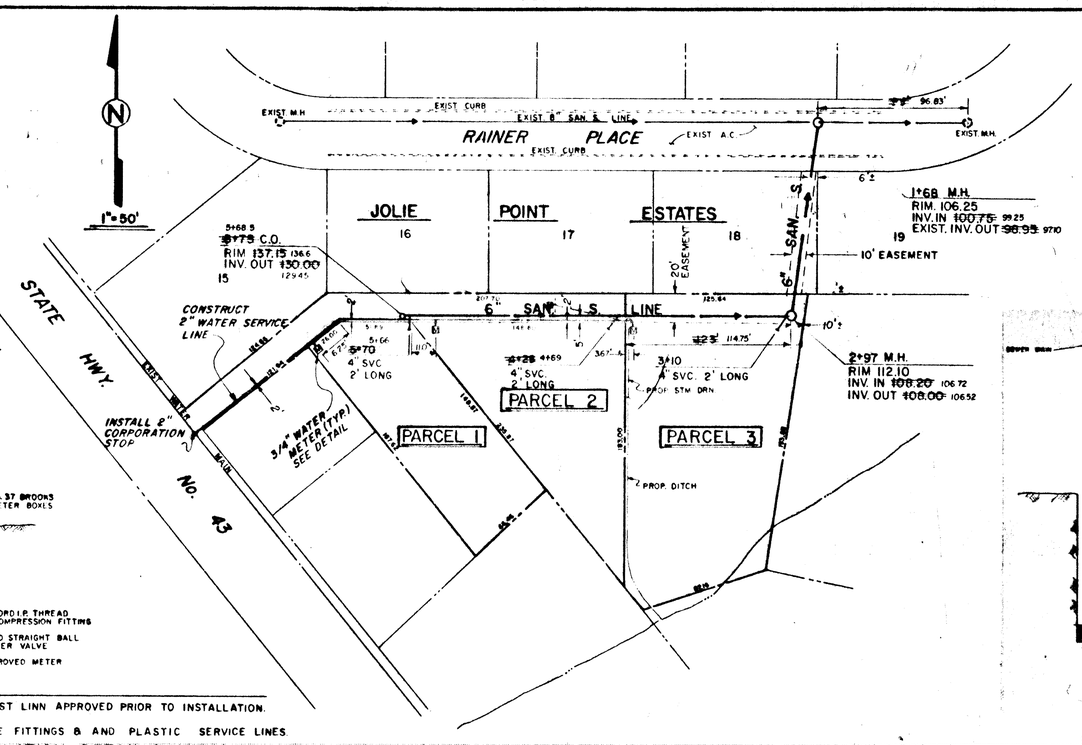


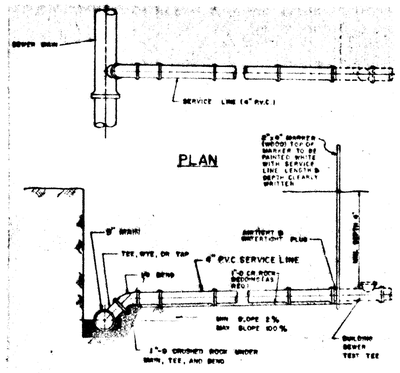
NOTES

1) ALL MATERIALS TO BE CITY OF WEST LINN APPROVED PRIOR TO INSTALLATION.
2) PROJECT HAS 2" SERVICE.
3) 3/4INCH SERVICES TO HAVE BRONZE FITTINGS & AND PLASTIC SERVICE LINES.

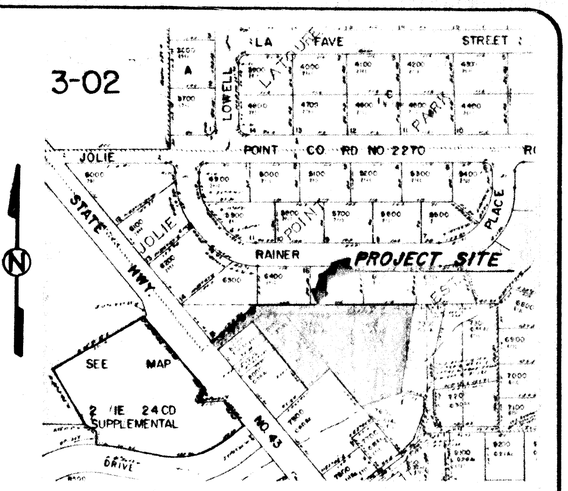
TYPICAL SERVICE INSTALLATION DETAIL (WATER)

N.T.S.





SECTION



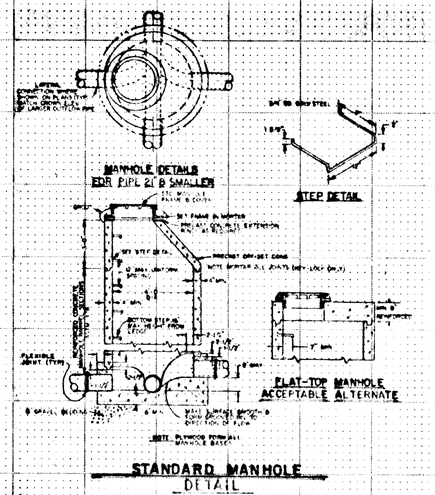
VICINITY MAP

N.T.S.

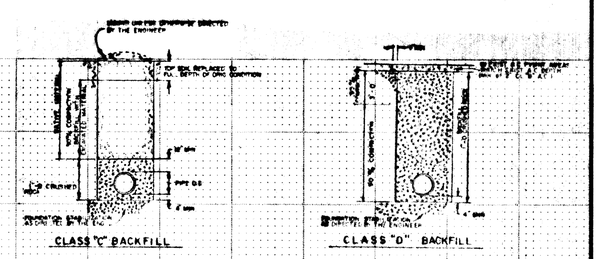
STANDARD SERVICE DETAIL

N.T.S.

(SEWER)



STANDARD MANHOLE DETAIL

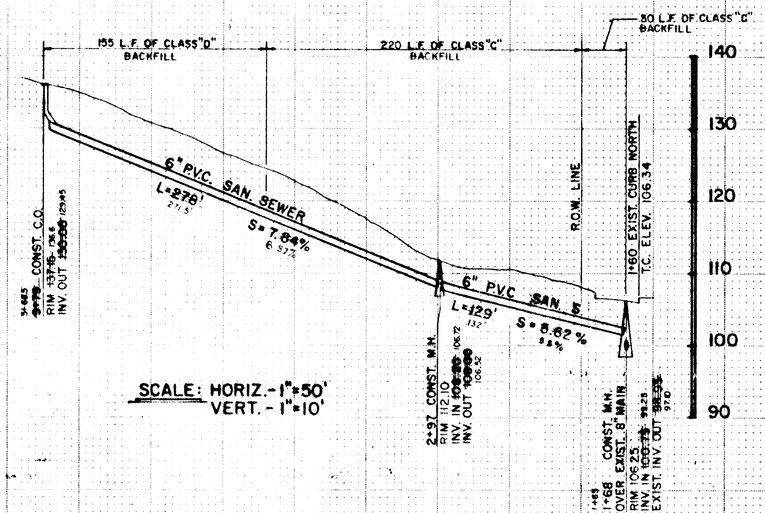


STANDARD TRENCH DETAILS

N.T.S.

WATER NOTES

1.) WATER SERVICE LINES TO BE MAINTAINED AT A DEPTH OF COVER AT 30" FROM EXIST. OR PROPOSED GRADE.
2.) CONTRACTOR TO VERIFY THE LOCATION OF EXISTING UTILITIES.
3.) ALL CONSTRUCTION TO BE TO THE CITY OF WEST LINN STANDARDS.
4.) ALL WATER SERVICE LINES TO BE 2" PLASTIC OR APPROVED EQUAL.



SCALE: HORIZ.- 1"=50'
VERT. - 1"=10'

SAN. SEWER NOTES

1.) ALL WORKMANSHIP & MATERIALS TO BE TO CITY OF WEST LINN STANDARDS.
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5.) ALL PIPE & FITTINGS TO BE PVC.-A.S.T.M. 3034, S.D.R. 35.
6.) CONTRACTOR TO SET MANHOLE RIMS TO FINISH GRADE IMMEDIATELY AFTER COMPLETION OF BASE ROCK GRADING.

AS CONSTRUCTED

DOMESTIC WATER & SANITARY SEWER IMPROVEMENTS

REVISED 7/10/86
REVISED 6/5/86
REVISED 5/9/86
REVISED 4/21/86

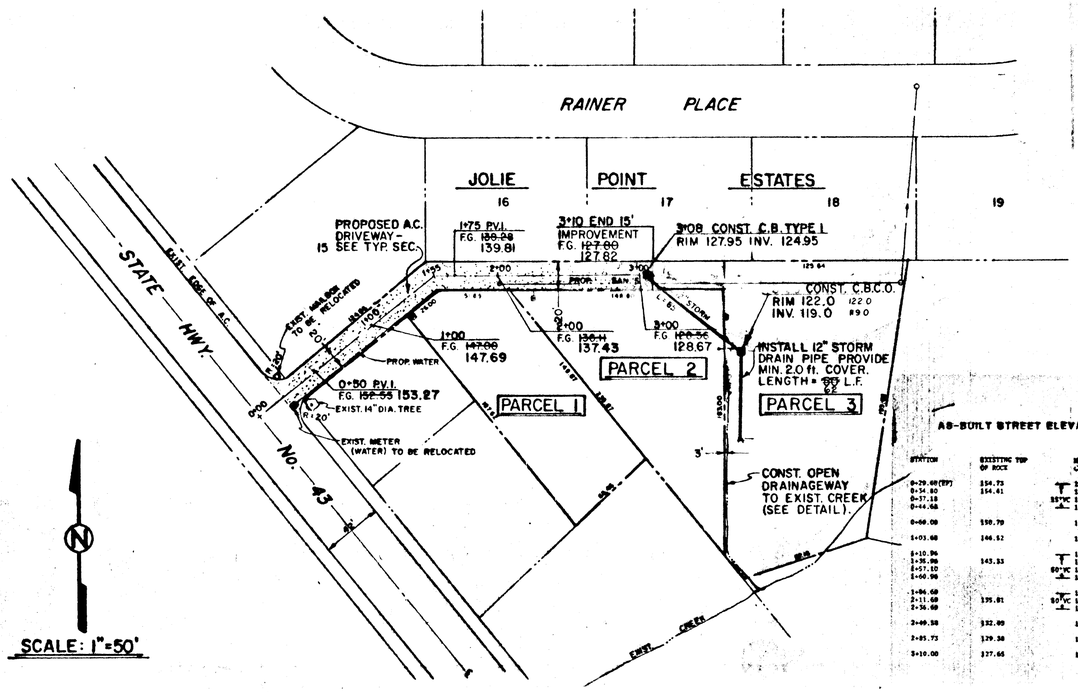
William I. Peterson Engineering Inc.
Consulting Engineers · Facility Studies · Land Use Planning
890 Promontory Place S.E., ( ) Salem, Oregon 97302
A.C. 503 ( ) 363-8227

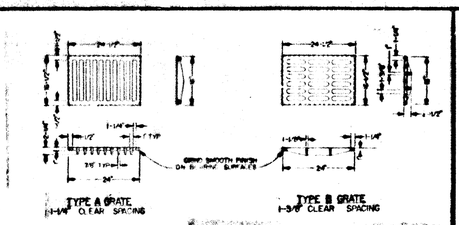
Design: MDG
Drawn: KMJK
Checked: GS
Date: 3-28-86
Scale: AS NOTED

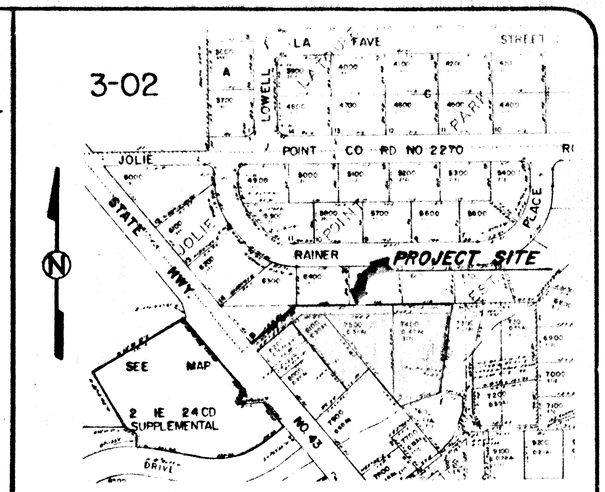
CITY OF WEST LINN
CLACKAMAS COUNTY

UNDERHILL PROPERTY

Drawing Number 1724
Sheet Number 1 of 2



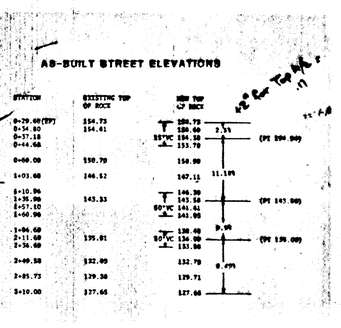


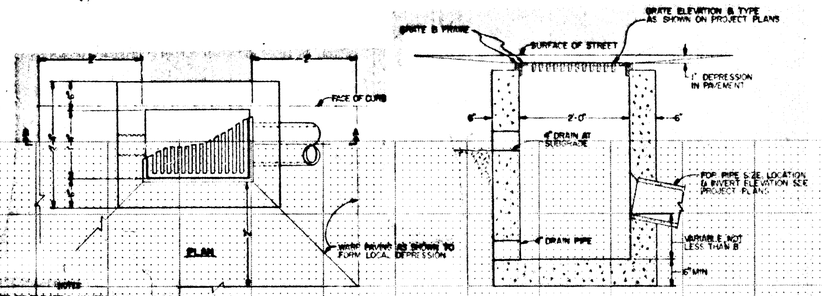


VICINITY MAP
N.T.S.

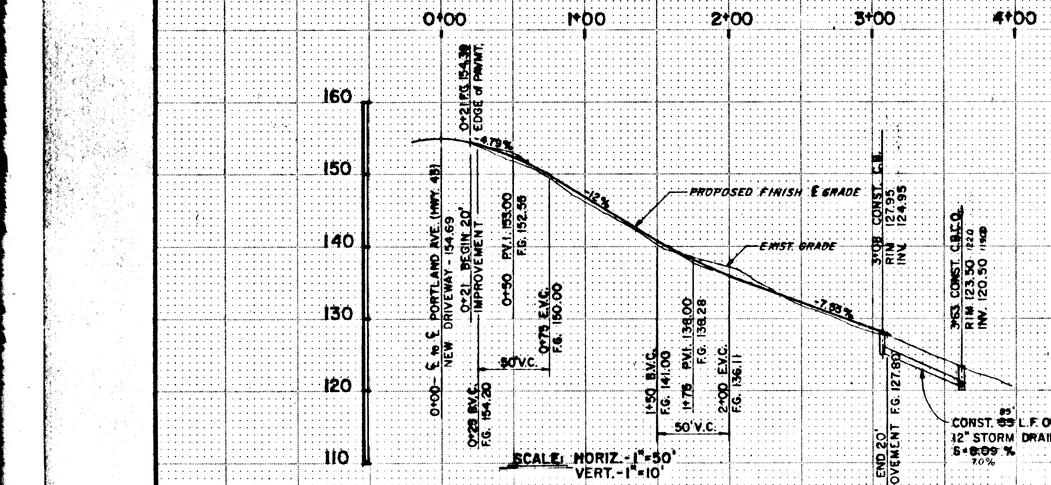
AS-BUILT STREET ELEVATIONS

STATION	EXISTING TOP OF ROCK	NEW TOP OF ROCK
0+29.68 (PT)	154.73	156.72
0+31.80	154.61	156.60
0+37.18		156.30
0+44.66		153.79
0+60.00	150.79	150.99
1+03.68	146.52	147.13
1+10.96		146.99
1+35.96	143.33	143.58
1+57.10		141.61
1+60.96		141.98
1+84.68		138.98
2+11.68	135.81	136.09
2+36.68		133.58
2+69.58	132.00	132.79
2+85.73	129.38	129.71
3+10.00	127.66	127.66

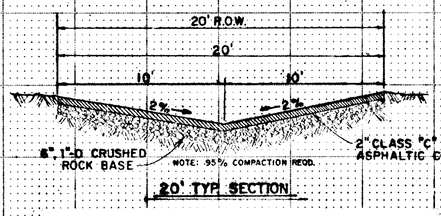




TYPE I CATCH BASIN DETAIL
N.T.S.

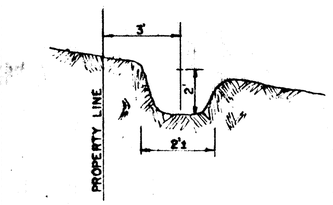


SEE PLAN VIEW FOR FINISH GRADES

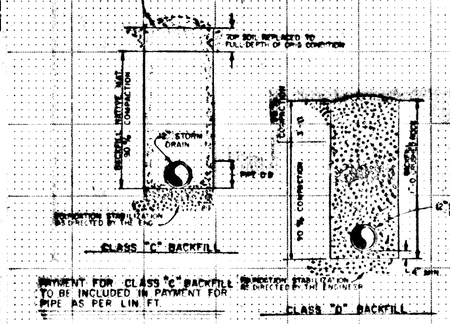


20' TYP. SECTION

TYPICAL DRIVEWAY SECTION
N.T.S.



DRAINAGEWAY TYP. SECTION
N.T.S.



PAYMENT FOR CLASS "C" BACKFILL TO BE INCLUDED IN PAYMENT FOR PIPE AS PER LIN. FT.

STORM DRAIN TYPICAL TRENCH DETAILS
N.T.S.

STORM DRAIN NOTES

1.) CONTRACTOR TO USE 1"-0 CRUSH ROCK BACKFILL ON LINES UNDER IMPROVED SECTIONS OF THE ROADWAY.

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AS CONSTRUCTED

STREET & STORM DRAIN IMPROVEMENTS

REVISED 7/10/86
REVISED 5/9/86
REVISED 4/23/86
REVISED 4/21/86

William I. Peterson Engineering Inc.
Consulting Engineers · Facility Studies · Land Use Planning
890 Promontory Place S.E., Salem, Oregon 97302
A.C. 503 363-9227

REGISTERED PROFESSIONAL ENGINEER — OREGON — MARK D. GRENZ

Design: MDG
Drawn: KMJK
Checked: GS
Date: 4-3-86
Scale: AS NOTED

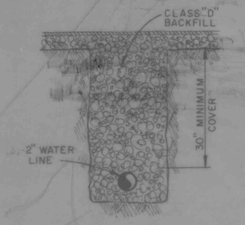
CITY OF WEST LINN
CLACKAMAS COUNTY

UNDERHILL PROPERTY

Drawing Number 1724
Sheet Number 2 of 2

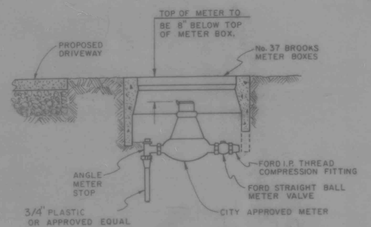
Second Scan

This As-Built was scanned twice due to illegibility issues of the original scan.



(WATER) TRENCH DETAIL

N.T.S.



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TYPICAL SERVICE INSTALLATION DETAIL (WATER)

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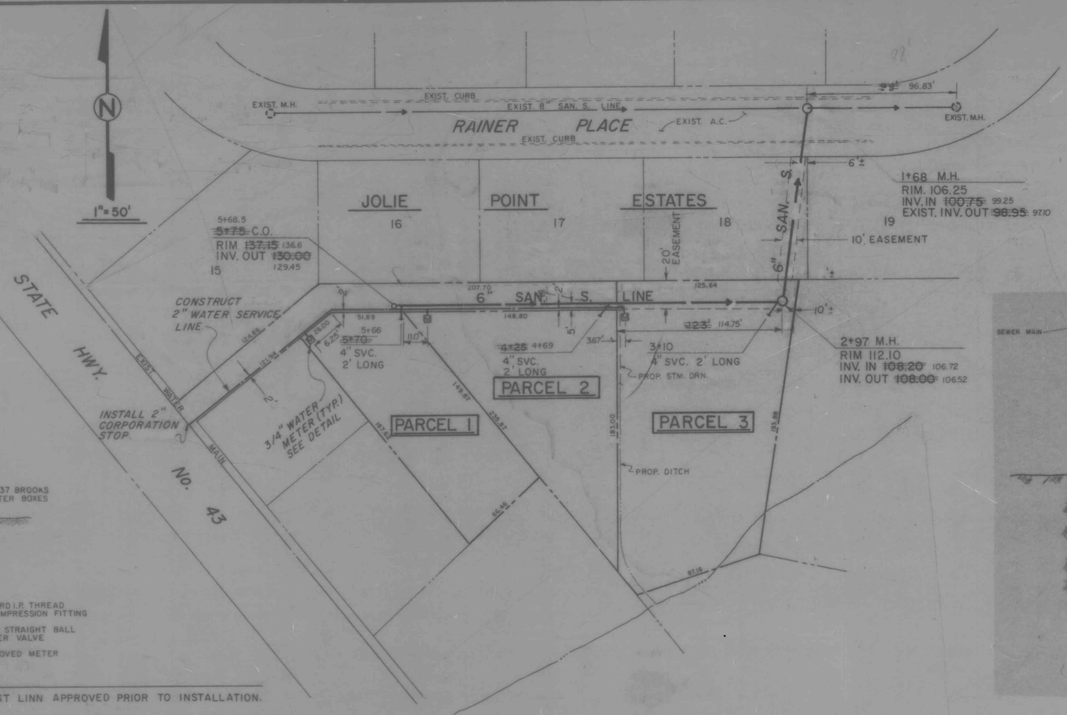
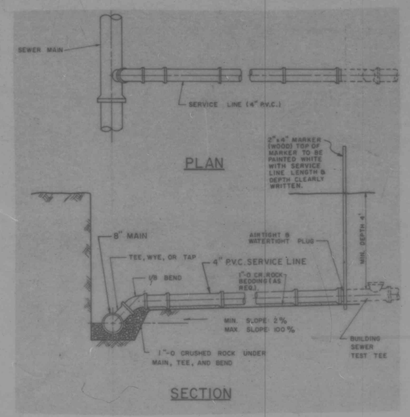


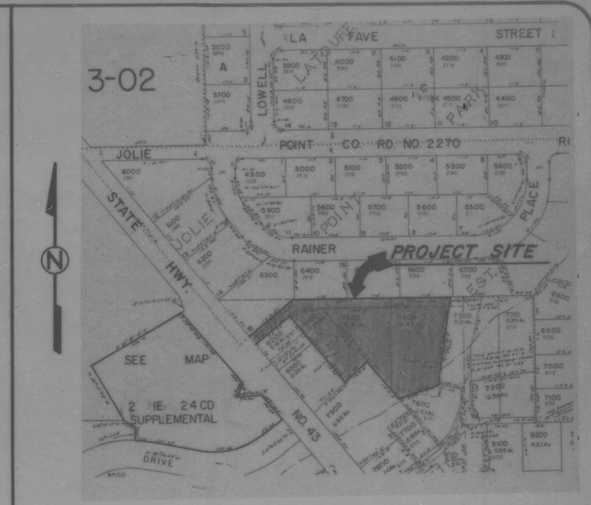


SECTION

STANDARD SERVICE DETAIL

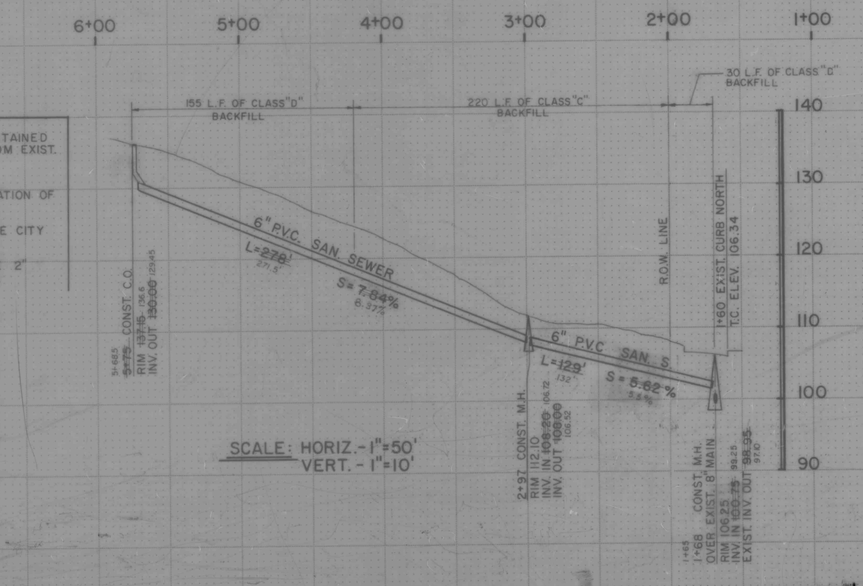
N.T.S.

(SEWER)



VICINITY MAP

N.T.S.



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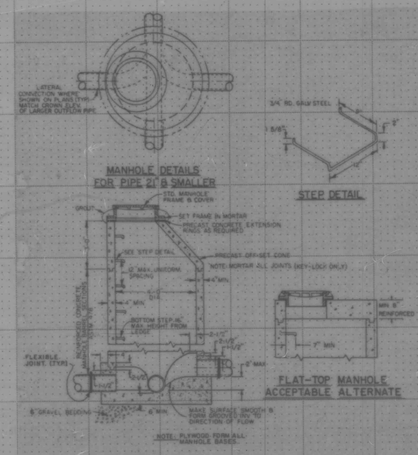
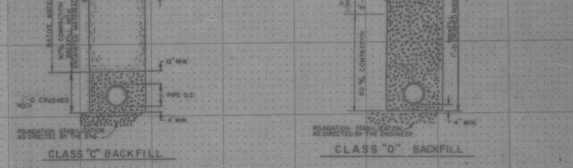


STANDARD MANHOLE DETAIL

N.T.S.



STANDARD TRENCH DETAILS

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AS CONSTRUCTED

DOMESTIC WATER & SANITARY SEWER IMPROVEMENTS

REVISED 7/10/86
REVISED 6/5/86
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Design: MDG
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CITY OF WEST LINN
CLACKAMAS COUNTY

UNDERHILL PROPERTY

Drawing Number 1724
Sheet Number 1 of 2

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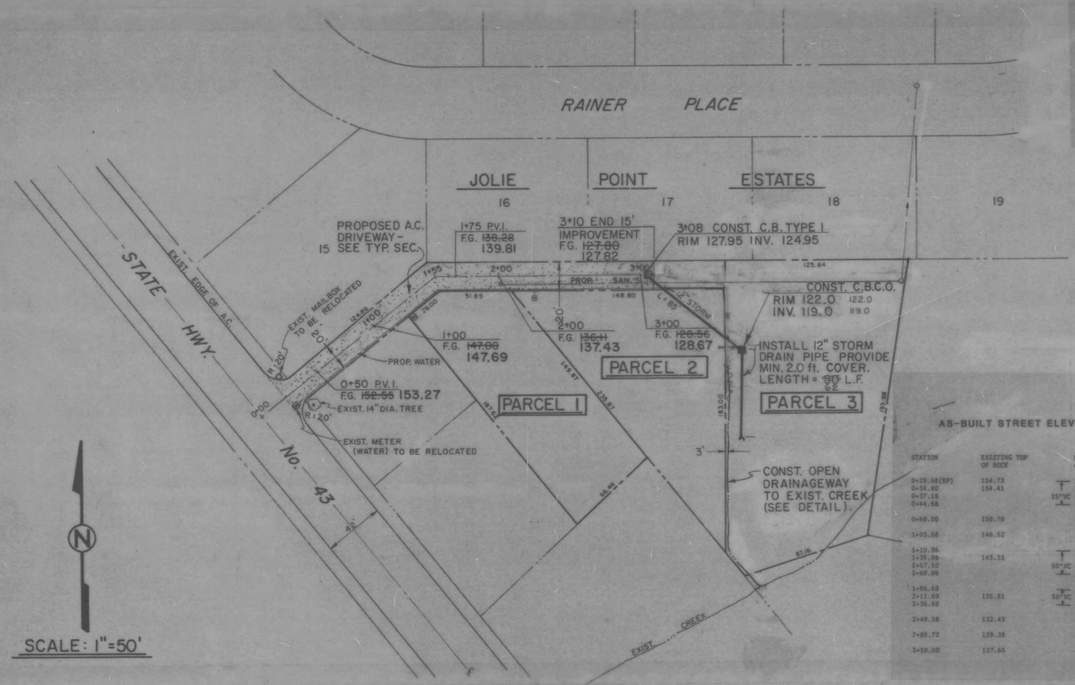
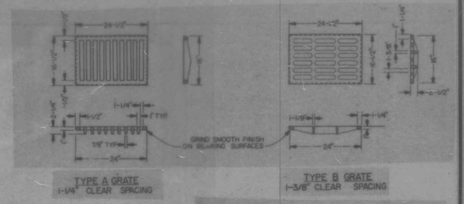
A.C. 503 363-9227

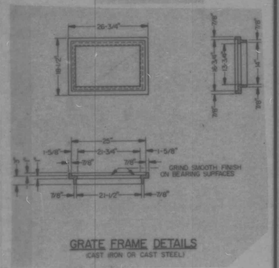
REGISTERED PROFESSIONAL ENGINEER OREGON JULY 14, 1972 MARK D. GRENZ

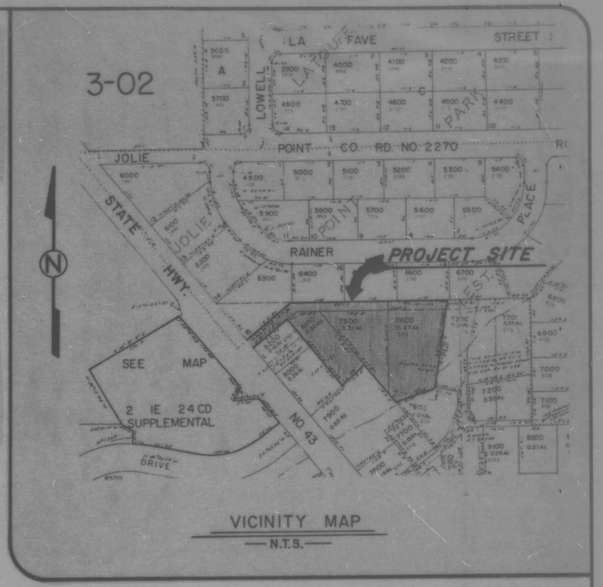
UNDERHILL PROPERTY

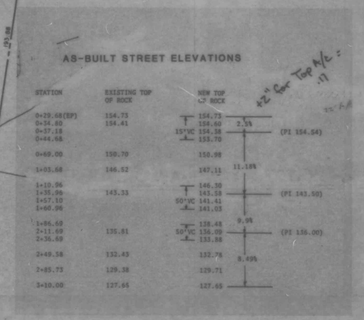
Underhill Property '86

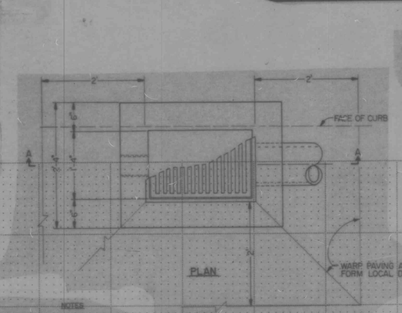


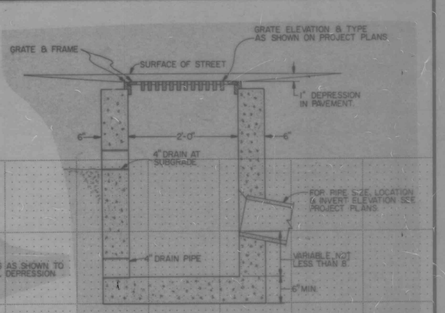




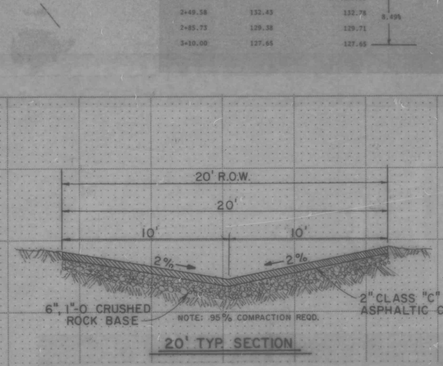








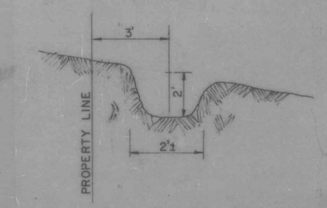
TYPE I CATCH BASIN DETAIL
N.T.S.



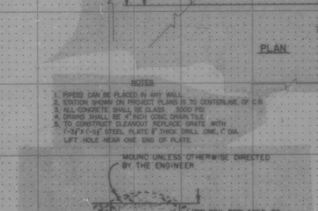
SEE PLAN VIEW FOR FINISH GRADES

20' TYP. SECTION

TYPICAL DRIVEWAY SECTION
N.T.S.



DRAINAGEWAY TYP. SECTION
N.T.S.



STORM DRAIN TYPICAL TRENCH DETAILS
N.T.S.

STORM DRAIN NOTES

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REVISED 7/10/86
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REGISTERED PROFESSIONAL ENGINEER — OREGON — JULY 14, 1978 — MARK D. GRENZ

Design: MDG
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CITY OF WEST LINN
CLACKAMAS COUNTY

UNDERHILL PROPERTY

Drawing Number 1724
Sheet Number 2 of 2