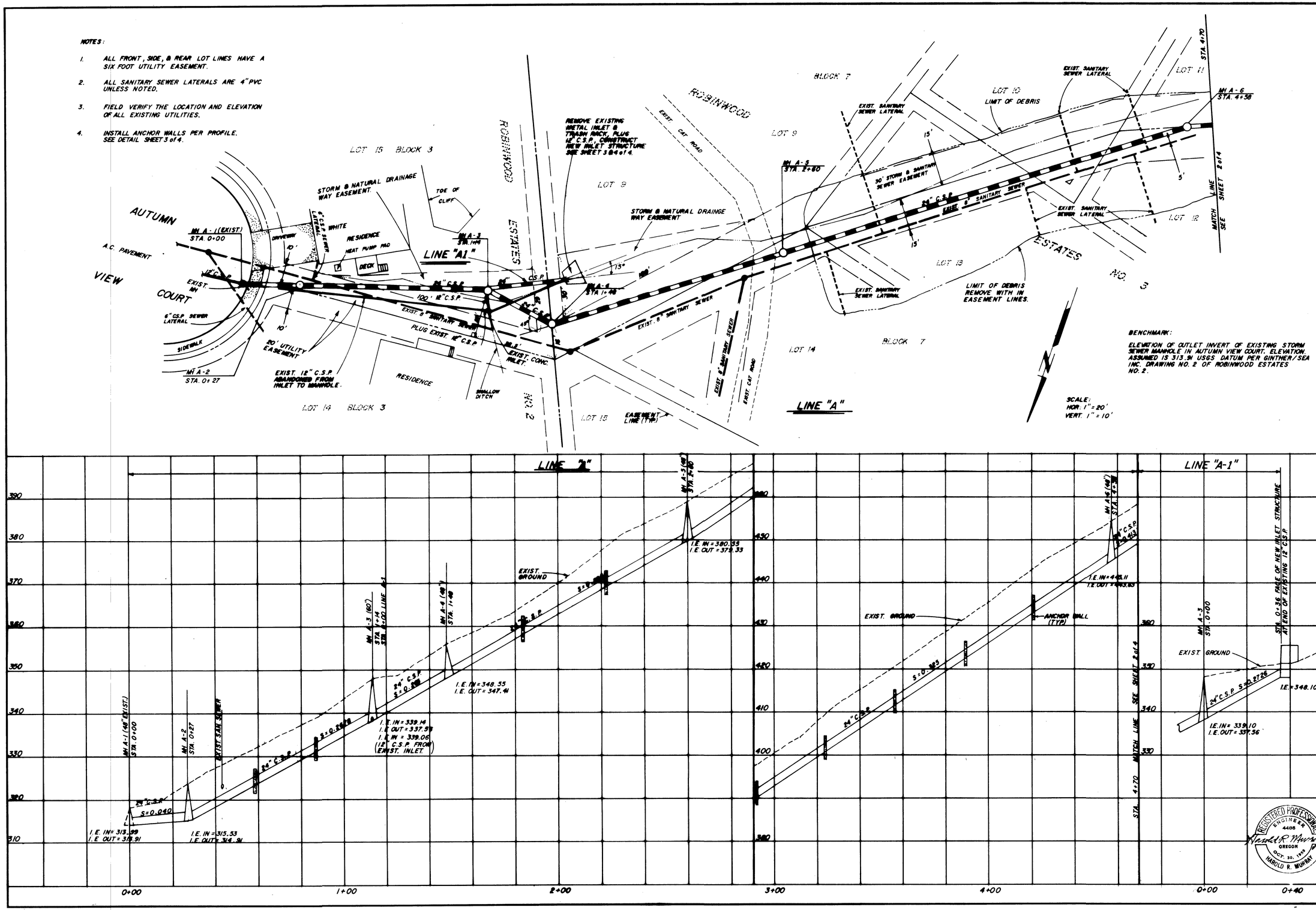
NOTES:

1. ALL FRONT, SIDE, & REAR LOT LINES HAVE A SIX FOOT UTILITY EASEMENT.
2. ALL SANITARY SEWER LATERALS ARE 4" PVC UNLESS NOTED.
3. FIELD VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES.
4. INSTALL ANCHOR WALLS PER PROFILE. SEE DETAIL SHEET 3 of 4.



NO.	REVISION	BY	DATE
–	AS CONSTRUCTED	RPD	11-8-83

PLAN & PROFILE
LINE "A" STA. 0+00 to 4+70
LINE "A1" STA. 0+00 to END

SCALE AS NOTED | DATE JUNE, 1982

AUTUMN VIEW COURT STORM SEWER
-RECORD DRAWINGS-

WEST LINN OREGON

DESIGNED HRM | DRAWN DRG | CHECKED PHS

MURRAY, SMITH & ASSOCIATES
Engineers / Planners
Harrison Square
1800 S.W. First, Suite 510
Portland, Oregon 97201
503-225-9010

MSA

REGISTERED PROFESSIONAL ENGINEER 4486 OREGON OCT. 30, 1959 HAROLD R. MURRAY

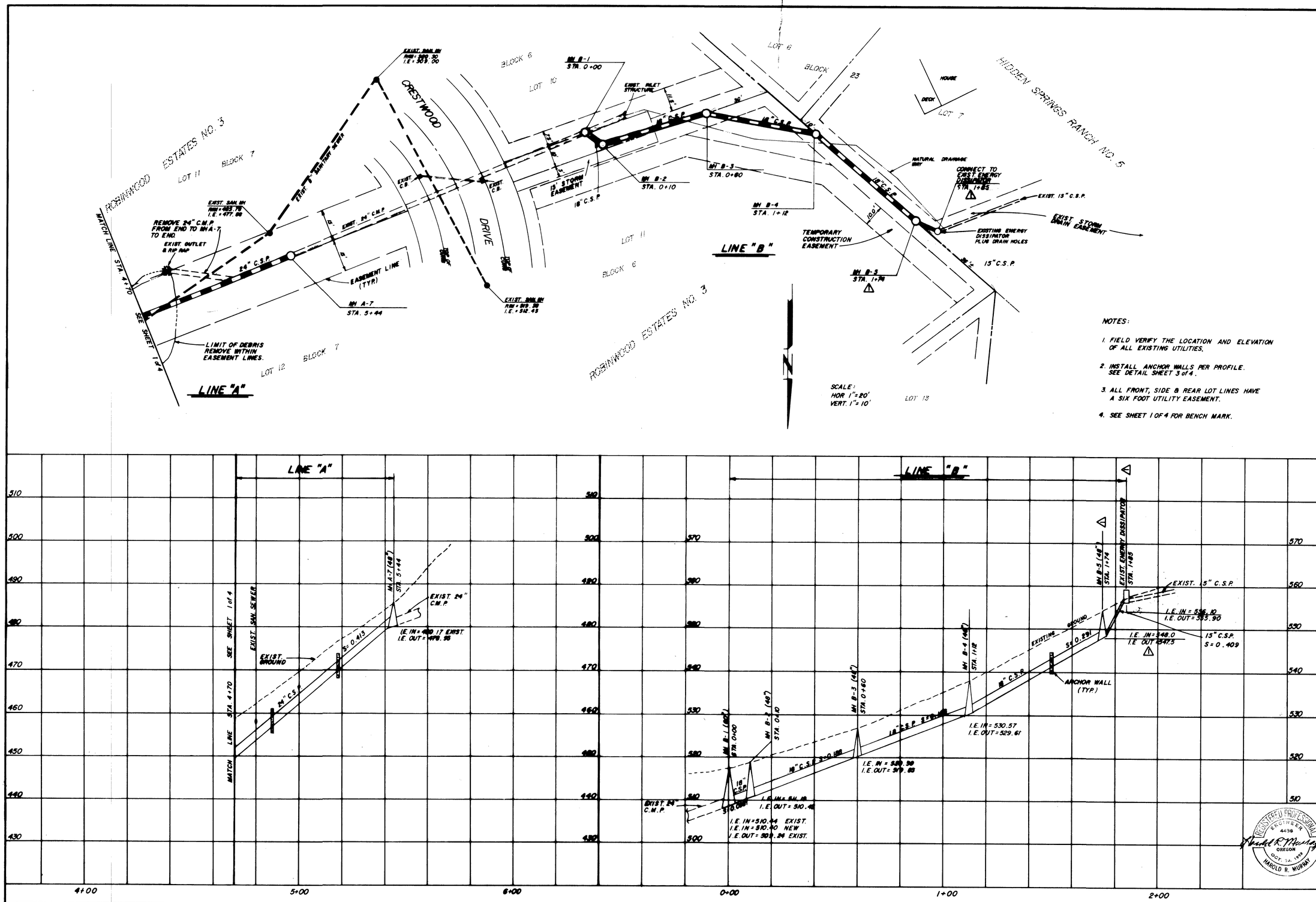
SHEET 1/4

FILE NO. 82.0034.08

AUTUMN VIEW CT

83

CASCADE MICROFILM/PRECISION GRAPHICS, PORTLAND



NO.	REVISION	BY	DATE
1	REVISED AS CONSTRUCTED	MFD	11-8-83

PLAN & PROFILE
LINE "A" STA. 4+70 to END
LINE "B" STA. 0+00 to END

SCALE AS NOTED | DATE JUNE, 1982

AUTUMN VIEW COURT STORM SEWER

WEST LINN, OREGON

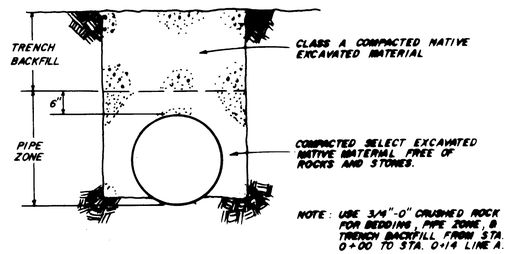
DESIGNED HRM | DRAWN DRG | CHECKED PHS

MURRAY, SMITH & ASSOCIATES
Engineers / Planners
Harrison Square
1600 S.W. First, Suite 250
Portland, Oregon 97201
503-225-9010

SHEET 2/4

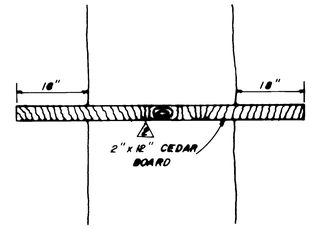
FILE NO. 82.0034.02

CADRADE MICROFILM/PRECISION GRAPHICS, PORTLAND



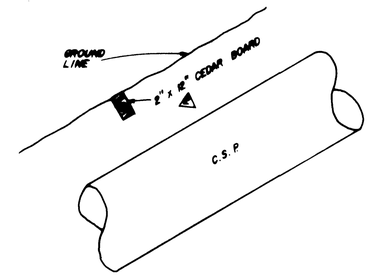
TYPICAL TRENCH SECTION

N.T.S.



PLAN

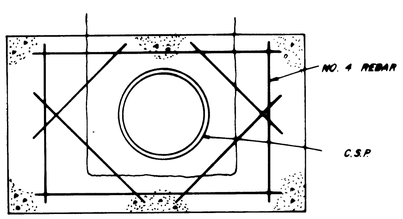
NOTE:
SEE SPECS. FOR SPACING REQUIREMENTS.



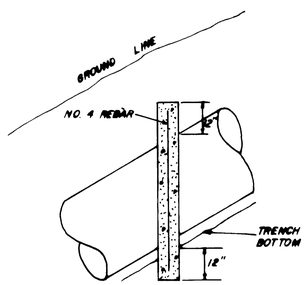
SECTION

TRENCH SLOPE PROTECTION DETAIL

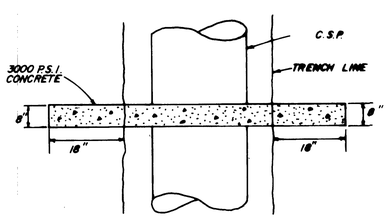
N.T.S.



END

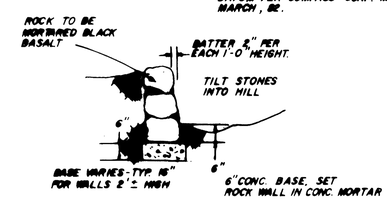


SECTION



PLAN

NOTE:
PROVIDE ANCHOR WALLS ON ALL PIPE WITH SLOPE GREATER THAN 20% AT LOCATIONS SHOWN ON PROFILES.



WALL SECTION

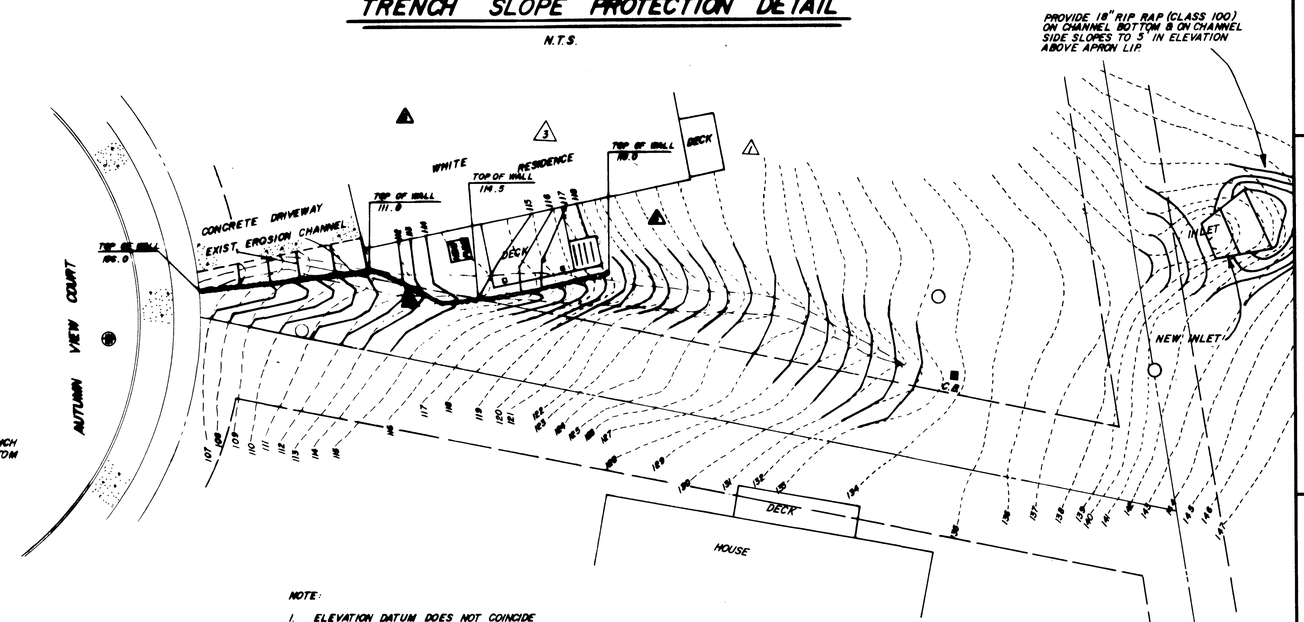
N.T.S.

ANCHOR WALL DETAIL

N.T.S.

NOTE:

1. ELEVATION DATUM DOES NOT COINCIDE WITH DATUM ON SHEETS 1 & 2 of 4.
2. BENCHMARK: I.E. STORM MH AUTUMN VIEW COURT. ELEV. = 100.00 ASSUMED. DATUM PER COMPASS CORP. MAP DATED MARCH, 82.



LEGEND:

EXIST. CONTOUR ---------- 138

PROPOSED CONTOUR ———— 138

GRADING PLAN

SCALE 1" = 10'

NO.	REVISION	BY	DATE
5	REVISED AS CONSTRUCTED	RFD	11-8-83
4	MODIFY WALL SECTION	D.G.	7/16/82
3	MODIFY GRADING PLAN	D.G.	7/16/82
2	MODIFY CEDAR BOARD SIZE	D.G.	7/9/82
1	MODIFY GRADING PLAN	D.G.	7/8/82

DETAIL SHEET

DATE JUNE, 1982

SCALE AS NOTED

AUTUMN VIEW COURT STORM SEWER

WEST LINN OREGON

DESIGNED HRM | DRAWN DRG | CHECKED PHS

MURRAY, SMITH & ASSOCIATES
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503-225-9010

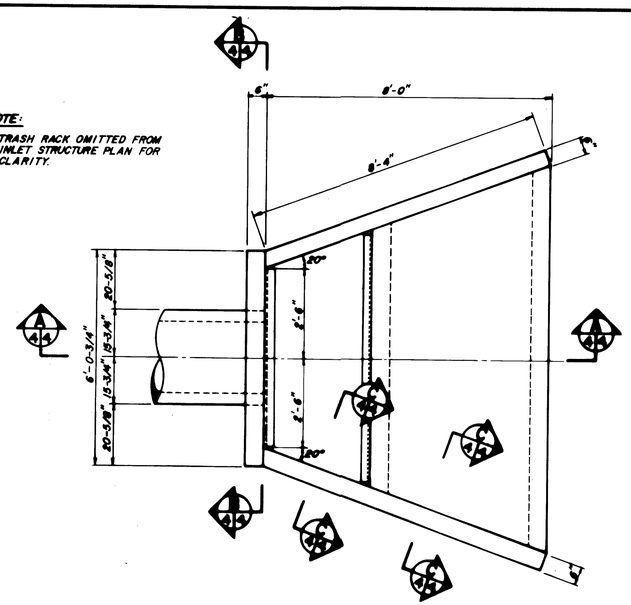
REGISTERED PROFESSIONAL ENGINEER
Harold R. Murray
OREGON
OCT. 30, 1979
HAROLD R. MURRAY

SHEET 3/4

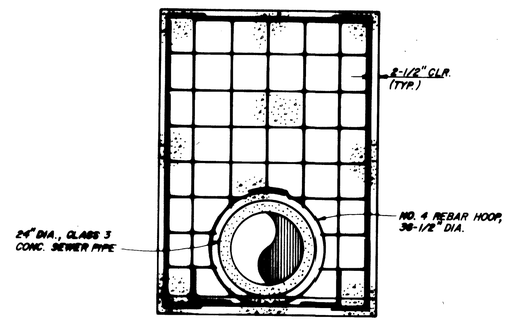
FILE NO. 82.0034.02

CASCADE MICROFILM/PROVISION GRAPHICS, PORTLAND

NOTE:
TRASH RACK OMITTED FROM INLET STRUCTURE PLAN FOR CLARITY.



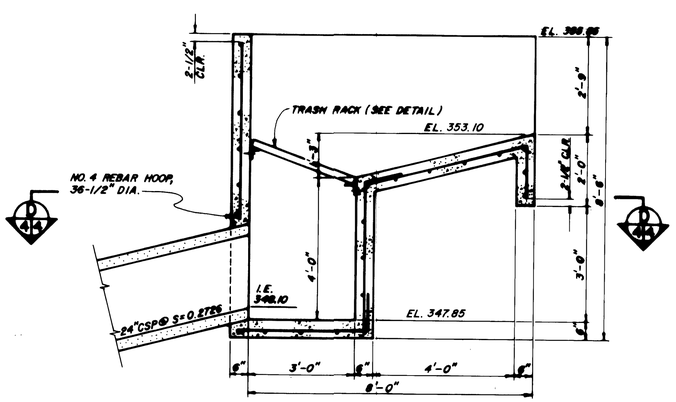
INLET STRUCTURE PLAN
SCALE: 1/2" = 1'-0"



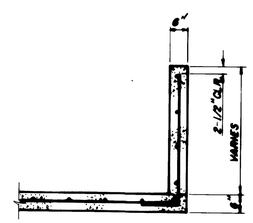
SECTION B/4
SCALE: 1/2" = 1'-0"

GENERAL NOTES

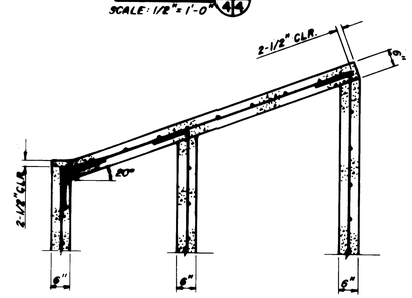
1. CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS.
2. PROVIDE 3/4" CHAMFER ON ALL EXPOSED CONCRETE EDGES.
3. ALL REINFORCING STEEL SHALL BE NO. 4 BAR AT 12" C.C. EACH WAY UNLESS NOTED OTHERWISE ON THE DRAWINGS.
4. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 40.
5. MINIMUM COVER OVER ALL REINFORCING STEEL SHALL BE 2-1/2".
6. MINIMUM REBAR LAP DISTANCE SHALL BE 20 TIMES BAR DIAMETER.
7. STRUCTURAL STEEL SHALL CONFORM WITH ASTM A36.
8. TRASH RACK SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION. FIELD VERIFY DIMENSIONS PRIOR TO FABRICATION.



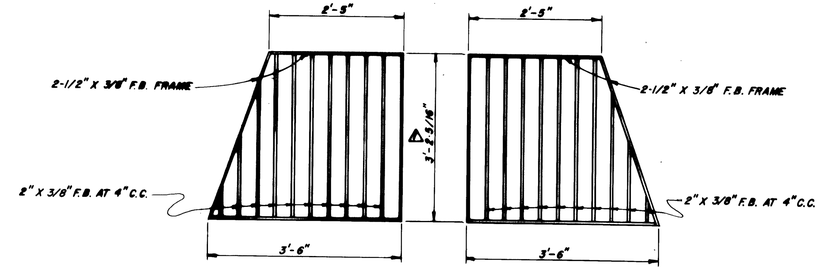
SECTION A/4
SCALE: 1/2" = 1'-0"



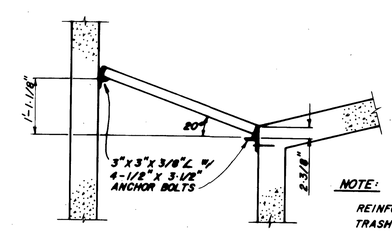
SECTION C/4
SCALE: 1/2" = 1'-0"



SECTION D/4
SCALE: 1/2" = 1'-0"



PLAN



NOTE:
REINFORCING STEEL OMITTED FROM TRASH RACK SECTION FOR CLARITY.

SECTION

TRASH RACK DETAILS
SCALE: 3/4" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER
Harold R. Murray
MARCEL R. MURRAY

NO.	REVISION	BY	DATE
-	AS CONSTRUCTED	RD	11-8-83
1	MODIFY TRASH RACK DIMENSION	RD	3-8-83

INLET STRUCTURE DETAILS

SCALE AS SHOWN | DATE JUNE, 1982

AUTUMN VIEW COURT STORM SEWER

WEST LINN | OREGON
DESIGNED PHS | DRAWN RFD | CHECKED HRM

MURRAY, SMITH & ASSOCIATES, Engineers/Planners
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MSA

SHEET 4/4

FILE NO. 82-0034.02

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