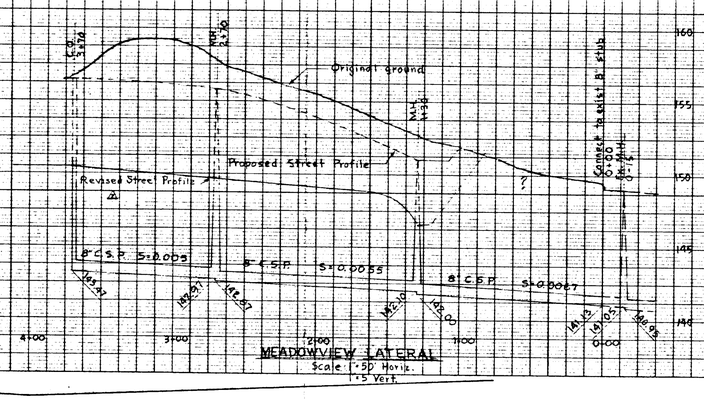
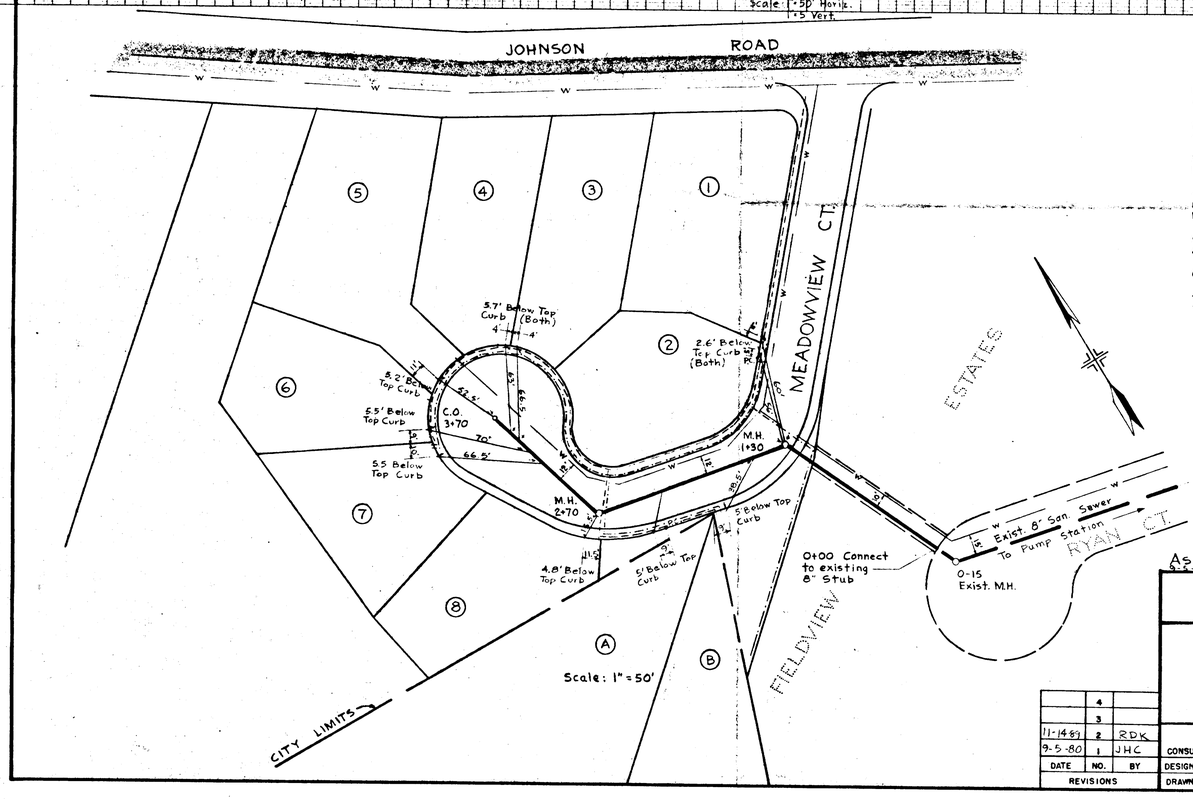


MEADOWVIEW LATERAL
Scale: 1"=50' Horiz.
1"=5' Vert.



SANITARY SEWER SPECIFICATIONS

1. Materials and workmanship shall comply with City of West Linn Standard Specifications.
2. Contractor shall verify all utility locations 48 hours prior to commencement of excavation.
3. Contractor shall obtain all permits and licenses prior to commencement of work.
4. Class "B" bedding and select granular backfill required in all pavement areas. Class "C" bedding and approved native backfill in other areas.
5. Pipe: Concrete with Rubber Ring Gaskets ASTM C-14 Cl. 2
6. Manholes: 48" I.D. Precast ASTM C-478

— — — — Telephone
—·—·— Electric

AS BUILT
9-5-80

MEADOWVIEW ESTATES
WEST LINN, OREGON

SANITARY SEWER EXTENSIONS
PLAN & PROFILE

Scale: As Noted

JOHN W. CUNNINGHAM & ASSOC.
CONSULTING ENGINEERS — MILWAUKIE, OREGON

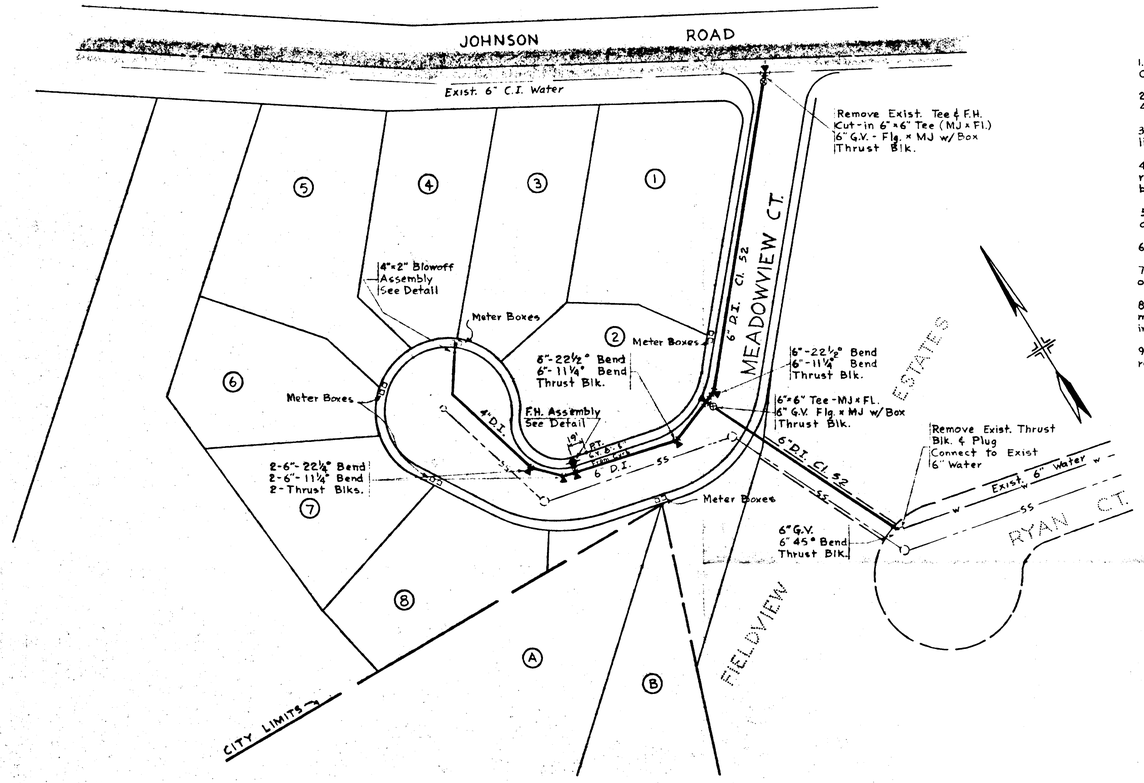
DATE	NO.	BY
	4	
	3	
11-14-89	2	RDK
9-5-80	1	JHC

REVISIONS

DESIGN HSB RDK	DATE DEC. 10, 1979	FILE 915-B-1
DRAWN JHC	NO. 1 OF 2	5711

Meadowview Estates

MEADOWVIEW ESTATES, 79



WATER SYSTEM SPECIFICATIONS

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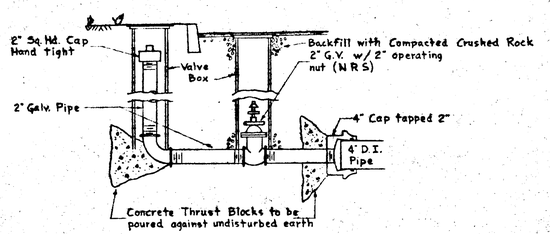
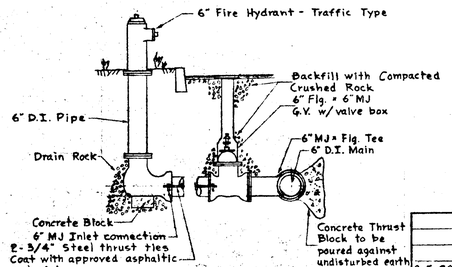
4. Class "B" bedding and select granular backfill required in all pavement areas. Class "C" bedding and approved native backfill in other areas.
5. Concrete thrust blocks shall have a minimum of 3 sq. ft. of bearing against undisturbed earth.
6. Minimum Cover = 3'-0"
7. Service tubing shall be type "K" soft copper or approved polybutylene with compression fittings.
8. Service connections shall include angle stop and meter box. Fill box with sawdust following installation of meter.
9. Water Dept. approval of Fire Hydrant required before ordering.



BLOWOFF ASSEMBLY
N.T.S.



FIRE HYDRANT ASSEMBLY
N.T.S.

DATE	NO.	BY
	4	
	3	
	2	
9-5-80	1	JHC
REVISIONS		

REGISTERED PROFESSIONAL ENGINEER
2102
OREGON
U.S.A.

As Built
9-5-80

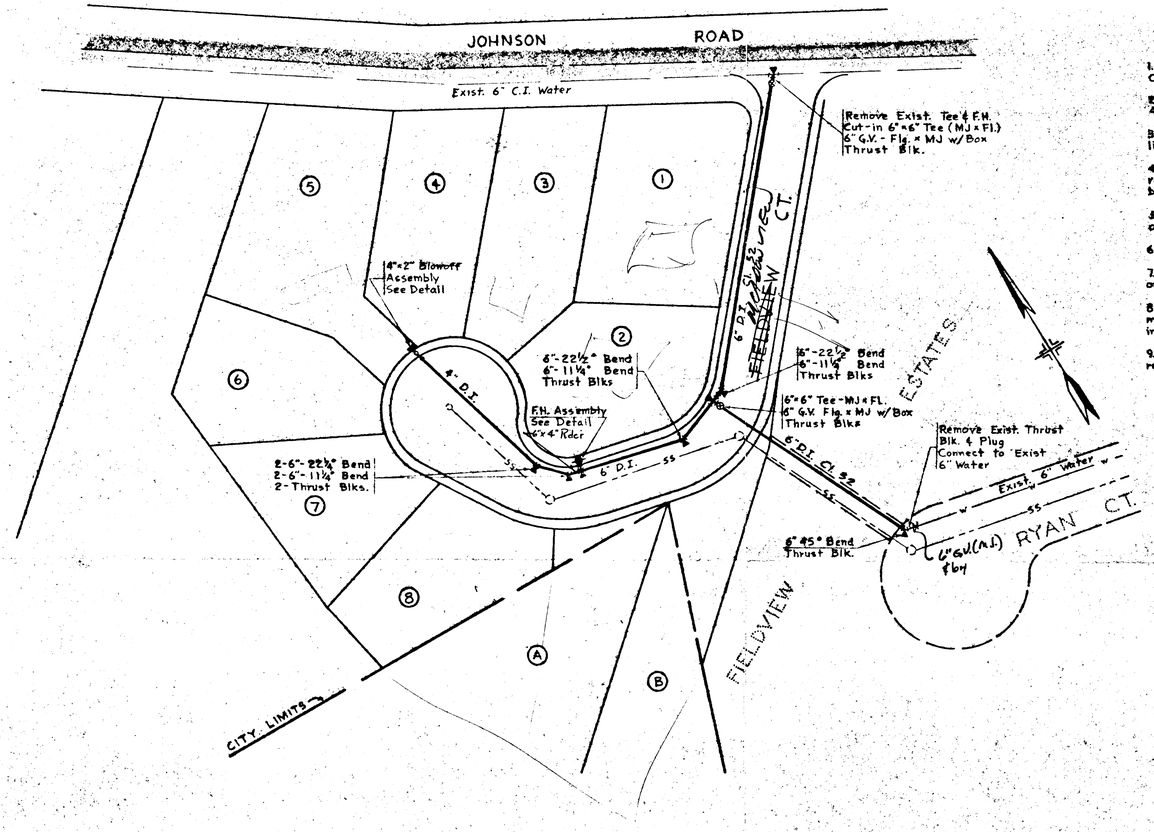
MEADOWVIEW ESTATES
WEST LINN, OREGON

WATER SYSTEM EXTENSIONS

Scale: 1" = 50'

JOHN W. CUNNINGHAM & ASSOCIATES
CONSULTING ENGINEERS — MILWAUKIE, OREGON

DESIGN	NSB RDK	DATE DEC. 10, 1979	F 915-B-2
DRAWN	JHC	NO. 2 OF 2	E 5712



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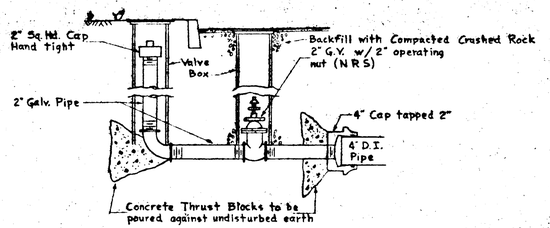
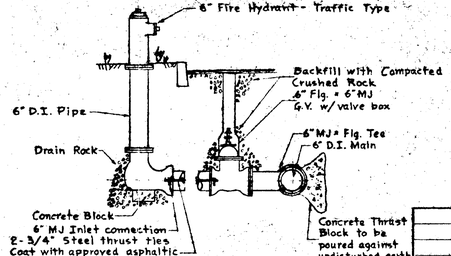
OOE RECORDS
12-20-79 JWD



BLOWOFF ASSEMBLY
N.T.S.



FIRE HYDRANT ASSEMBLY
N.T.S.

REGISTERED PROFESSIONAL ENGINEER 2103 OREGON JULY 9, 1971 H. S. LARSEN

MEADOWVIEW ESTATES
WEST LINN, OREGON

WATER SYSTEM EXTENSIONS

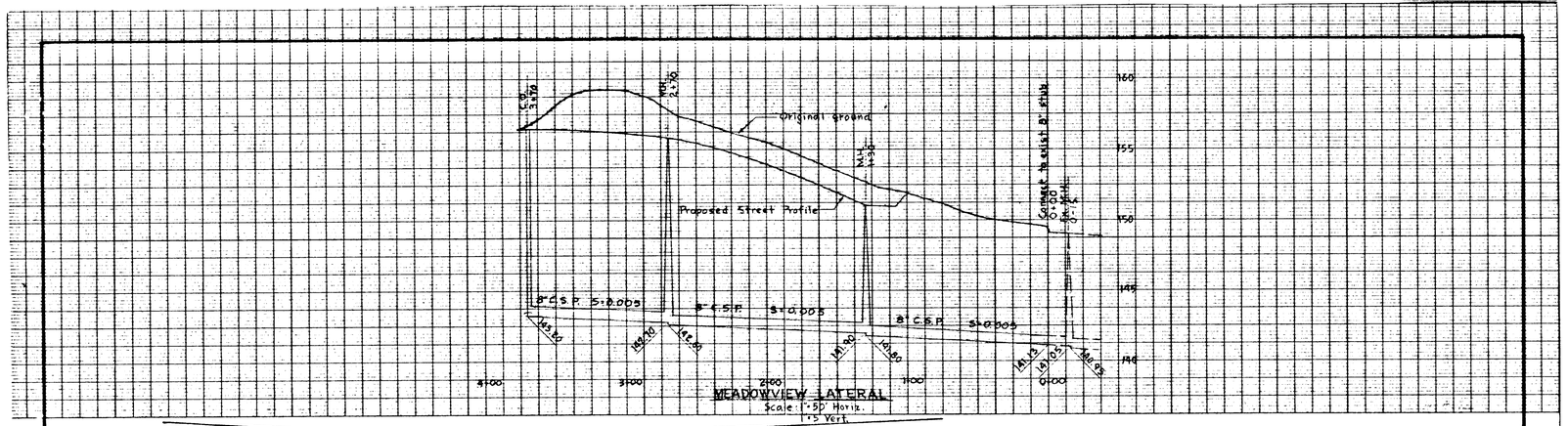
Scale : 1" = 50'

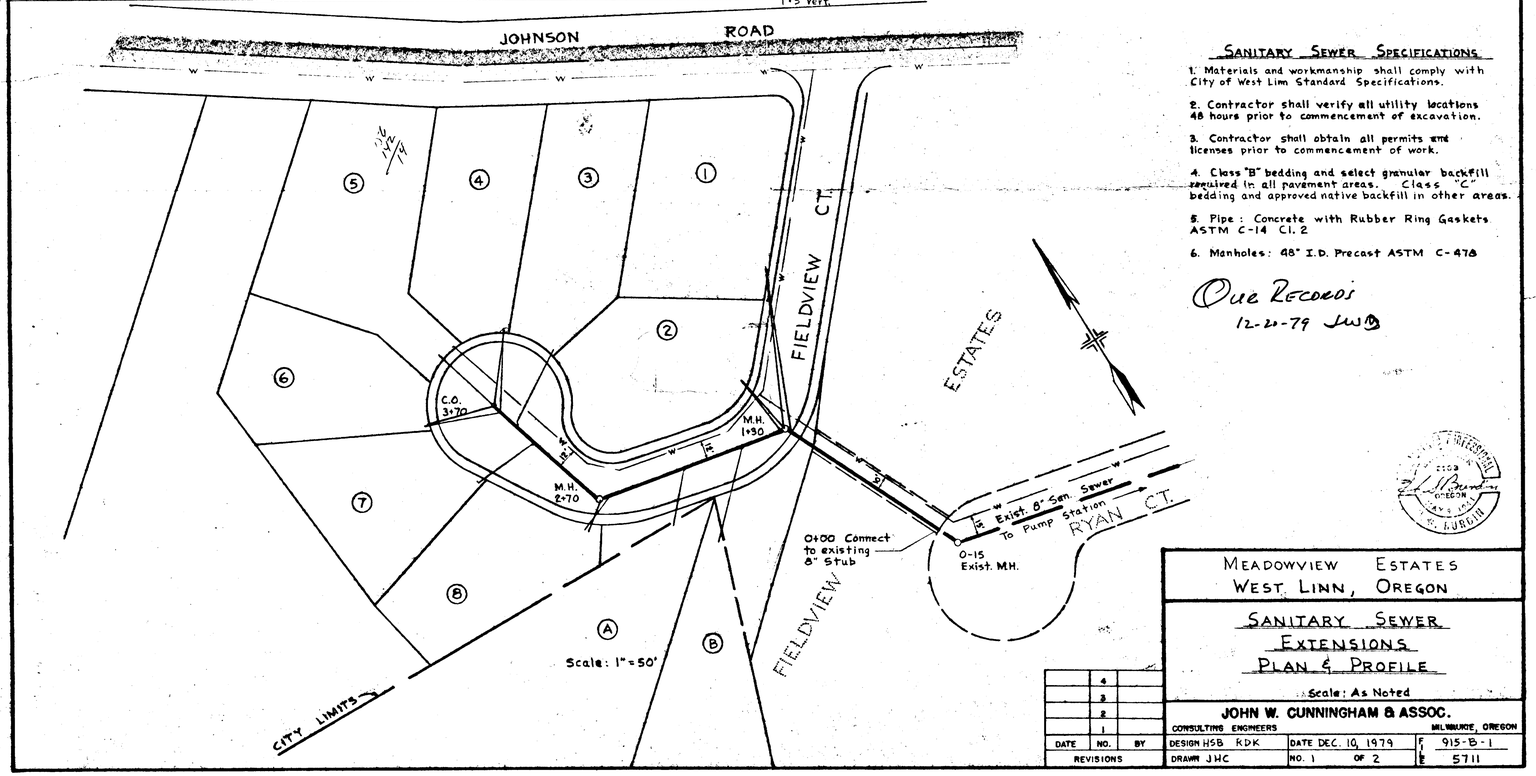
JOHN W. CUNNINGHAM & ASSOCIATES
CONSULTING ENGINEERS MILWAUKIE, OREGON

DATE	NO.	BY
REVISIONS		
	4	
	3	
	2	
	1	

DESIGN	HSB RDK	DATE DEC. 10, 1979	F 915-B-2
DRAWN	JHC	NO. 2 OF 2	E 5712

MEADOWVIEW EST. - K





SANITARY SEWER SPECIFICATIONS

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6. Manholes: 48" I.D. Precast ASTM C-478

Our Records
12-20-79 JWC

DATE	NO.	BY
	4	
	3	
	2	
	1	
REVISIONS		

MEADOWVIEW ESTATES
WEST LINN, OREGON

SANITARY SEWER EXTENSIONS PLAN & PROFILE

Scale: As Noted

JOHN W. CUNNINGHAM & ASSOC.
CONSULTING ENGINEERS — MILWAUKIE, OREGON

DESIGN HSB RDK	DATE DEC. 10, 1979	F	915-B-1
DRAWN JWC	NO. 1 OF 2	E	5711

PLAN
NOTE BOOK
No.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

TYPICAL SECTION
50' ROADBED WITH CURBS & SIDEWALKS

Meadowview Estates

PROFILE
NOTE BOOK
No.
SURVEYED
PLOTTED
GRADES CHECKED
B. M.'s NOTED
STRUCTURE NOTATIONS CHECKED
BY
DATE

GENERAL NOTES:

1. SPECIFICATIONS FOR CONCRETE CURBS, CONCRETE SIDEWALKS, ASPHALTIC CONCRETE, CRUSHED ROCK AND SUB-GRADE CONSTRUCTION TO CONFORM TO OSHD STANDARD SPEC.'S FOR HIGHWAY CONSTRUCTION UNLESS OTHERWISE NOTED OR DIRECTED BY CITY OF W. LINN.
2. ASPHALTIC CONCRETE IS TO BE PUT ON IN TWO LIFTS & COMPACTED TO 1½" PER LIFT AND IS TO ACHIEVE 95% COMPACTION.
3. FORMED SUBGRADE IS TO BE COMPACTED TO 94%-95%
4. BASE MATERIAL TO BE COMPACTED TO 94%-95%
5. ANY and all TESTS SHALL BE DONE BY THE CONTRACTOR AND SHALL BE HIS RESPONSIBILITY.
6. CATCH BASINS SHALL BE INSTALLED AT LOWEST POINT OF GRADE AND MAY BE SHIFTED TO FIT FIELD SITUATION.
7. REPLACEMENT CULVERT SHALL BE 60" DIAMETER & BE COATED CMP. and INSTALLED WITH A MINIMUM 2% GRADE TO CARRY 160 C.F.S.
8. FOR CATCH BASIN & GRATE CONST. DETAILS SEE CITY OF WEST LINN STANDARD DRAWING DRC WL 300

RECEIVED
FEB 26 1980
West Linn Development Services

CONSTRUCTION PLAN & PROFILE
FOR
STREETS, CURBS AND STORM DRAINAGE
ON THE PLAT OF

MEADOWVIEW ESTATES

CITY OF WEST LINN, ORE.

REVISIONS	DRAWN BY: DICK LOVE LAND SURVEYS 656-4915 GLADSTONE ORE. 97027	DATE JAN. 25, 80 JOB NO. 78-313
① 2/20/80 Increase Length of 60" C.M.P.		

CHECKED & APPROVED BY:
CUNNINGHAM ASSOCIATES, INC.
PROJECT ENGINEERS PHONE: 653-0753
9401 S.E. McLOUGHLIN BLVD - MILWAUKIE, ORE.

915-A-2
5726

HIGHWAY FEDERAL AID SHEET
PLATE 1-SINGLE PLAN AND PROFILE-FULL LINE
TELEDYNE
PRINTED IN U.S.A.

PLAN
SURVEYED
PLOTTED
NOTE BOOK CLASSES CHECKED
No. R. R.'s NOTED
ST. OF WAY CHECKED
STRUCTURE NOTATIONS CHECKED
BY
DATE

PROFILE
SURVEYED
PLOTTED
NOTE BOOK CLASSES CHECKED
No. R. R.'s NOTED
STRUCTURE NOTATIONS CHECKED
BY
DATE

JOHNSON ROAD

30'

EDGE OF EXIST. PAVEMENT

INSTAL CATCH BASIN GRATE ELEV. 131.50 F.L. ELEV. 113.50

INSTAL CATCH BASIN GRATE ELEV. 131.80 F.L. 120.00

Build C.B. at low point of curve

TAPER TO MEET EXIST. ROADWAY

TAPER HEAD 3' 12' Curb RADIUS

INSTALL 50'± OF 36" CMPC CULVERT

RESHAPE CHANNEL AS NECESSARY TO DRAIN PROPERLY

EXISTING 36" CMPC CULVERT IN HEADWALLS

Provide for 160 cfs

Provide: Headwall Pipe(s) size Grade

Detail at right

MEADOWVIEW COURT

APPROX. LOCATION OF PROPOSED SANITARY SEWER

House

Cedar Fence

2" Deciduous CEDAR TREES

Curb Radius Typ.

Show typical:
Street Section
Curb detail
Catch Basin

Identify degree of compaction on street subgrade & paving material

SCALE: VERT. 1"=5'
HORIZ. 1"=50'

PROFILE OF MEADOWVIEW COURT

Ground Profile Rt. Curb Line

Ground Profile Left Curb Line

℄ Ground Profile

Rt. Curb line Ground Profile

Lt. Curb line Ground Profile (Approx Grade Existing Roadway)

GRADE BREAK STA. 4+48.05 ELEV. 130.05

NOTE: GRADE CARRIED ON FACE OF CURB FROM STA 3+90.94 TO STA 5+64.75

-0.73% GR.

-1.50% GR.

P.C. (Lt.) 4+64.21
P.R.C. (Lt.) 4+74.73

P.C. (Rt.) 4+48.05
P.R.C. (Rt.) 4+45.11

℄ P.C.C. 3+90.94

℄ P.T. 3+45.94

℄ P.C. 3+52.94

P.T.C.C. 2+25 Elev. 147.88

P.C.C.C. 2+25 Elev. 147.5

P.R.C. 2+00 Elev. 145.16

P.T.C. 0+05 Elev. 121.80

℄ Johnson Rd. Grade Elev. 122.30

GRATE ELEV. Rt ℄ Lt. 131.50
INSTALL CATCH BASINS Lt & Rt. SIDE

F.L. ELEV. (Lt.) 120.00

F.L. ELEV. (Rt.) 120.50

50' 36" CMPC

F.L. EXIST. 36" Culvert 116.44

Approx. outlet ELEV. 117.0

F.L. (out) Exist. 36" Cul. 115.04

155 150 145 140 135 130 125 120 115

4+00 3+00 2+00 1+00 0+00

R=100.0'

PRELIMINARY
SUBJECT TO CHANGE
12-21-79

DICK LOVE
657-5747
656-4415
220 Abernethy Lane
Gladstone 97027

CONSTRUCTION PLAN & PROFILE
FOR
STREETS, CURBS AND STORM DRAINAGE
ON THE PLAT OF
MEADOWVIEW ESTATES
CITY OF WEST LINN, ORE.

REVISIONS

DRAWN BY:
DATE-12/21/79
JOB NO. 78-513

CHECKED & APPROVED BY:
CUNNINGHAM ASSOCIATES, INC.
PROJECT ENGINEERS PHONE: 653-0753
9401 S.E. McLOUGHLIN BLVD - MILWAUKIE ORE.

HIGHWAY FEDERAL AID SHEET
PLATE 1-SINGLE PLAN AND PROFILE-FULL LINE
TELEDYNE
PRINTED IN U.S.A.

Bill Morrow
19675 - SE Cottmore
Milwaukie Or 97222
655-3429

who will inspect for Dedler Engineer?

GENERAL NOTES:

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REVISIONS

CONSTRUCTION PLAN & PROFILE
FOR
STREETS, CURBS AND STORM DRAINAGE
ON THE PLAT OF

MEADOWVIEW ESTATES

CITY OF WEST LINN, ORE.

DRAWN BY: DICK LOVE LAND SURVEYS — DATE JAN. 25, 80
656-4915 — GLADSTONE ORE. 97027 — JOB NO. 78-53

CHECKED & APPROVED BY:
CUNNINGHAM ASSOCIATES, INC.
PROJECT ENGINEERS — PHONE: 653-0753
9401 S.E. McLOUGHLIN BLVD - MILWAUKIE, ORE

915-A-2
5726

PLAN			
NOTE BOOK	SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED	BY	DATE
No.			

PROFILE			
NOTE BOOK	SURVEYED / PLOTTED / GRADES CHECKED / B. M.'s NOTED / STRUCTURE NOTATIONS CHECKED	BY	DATE
No.			

HIGHWAY FEDERAL AID SHEET
PLATE 1-SINGLE PLAN AND PROFILE-FULL LINE
TELEDYNE
PRINTED IN U.S.A.