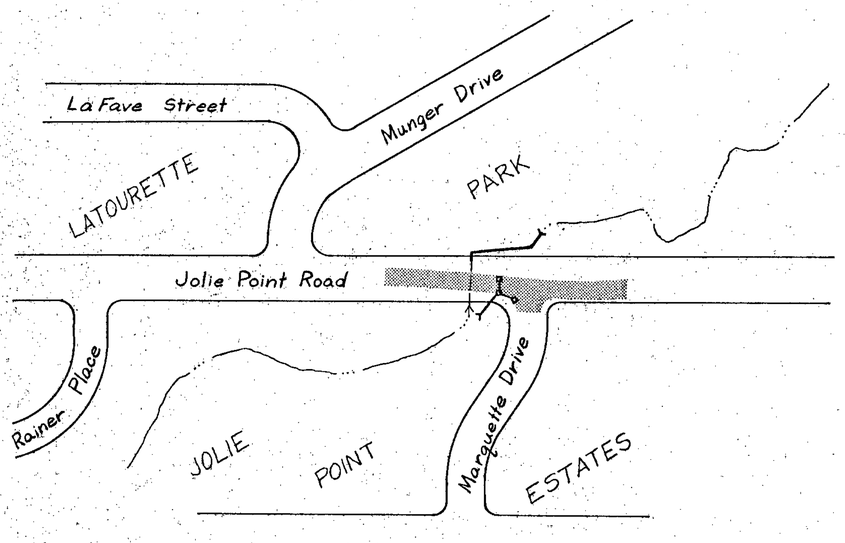
# CITY OF WEST LINN

## JOLIE POINT ROAD

## STREET & STORM DRAIN IMPROVEMENTS

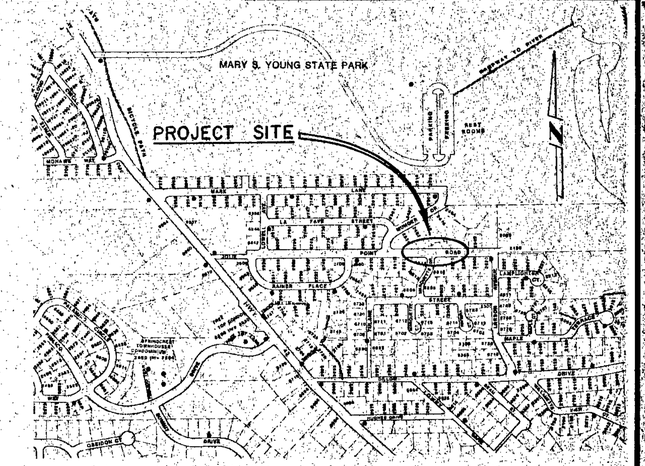
WEST LINN, OREGON

NOVEMBER, 1988



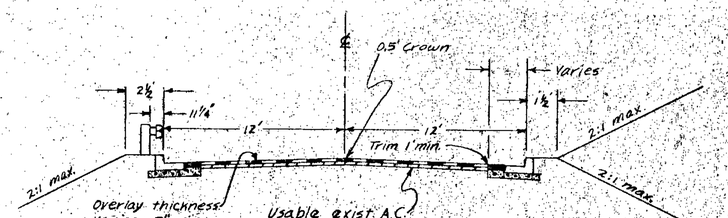

SITE PLAN

SCALE: 1" = 100'



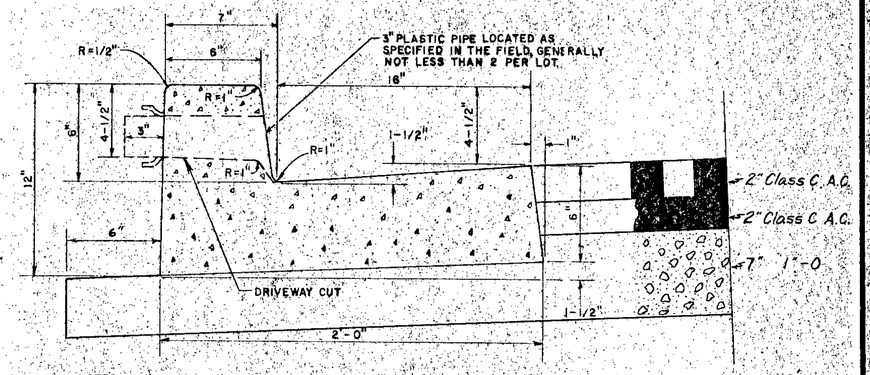

VICINITY MAP

SCALE: 1" = 550'




TYPICAL SECTION

SCALE: 1" = 5'




NOTES:

1. KNIFE JOINTS SHALL BE PLACED AT ALL CHANGES OF DIRECTION AND POINTS OF CURVATURE, AND AT A MAXIMUM SPACING OF 20 FEET.
2. CONCRETE USED FOR CURB AND GUTTER SHALL MEET A 3,000 P.S.I. COMPRESSION STRENGTH AT 28 DAYS.
3. 3" PLASTIC PIPE SHALL HAVE A BELL OR A 3" EXTENSION, FOR FUTURE HOOK-UP.

STANDARD CURB & GUTTER

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 14, 1961
MARLIN J. DeHAAS
12-31-88

| DATE | NO. | REVISIONS | BY |
|---|---|---|---|
| | | | |

T.D.K. DESIGNED
T.D.K. DRAWN
M.J.D. CHECKED

APPROVED
DATE 11/16/88

DE HAAS & Associates, Inc.
Consulting Engineers & Surveyors

Suite 300- AGC Center
9450 S.W. Commerce Circle
Wilsonville, Oregon 97070

(503) 682-2450
Res. 636-6195

CITY OF WEST LINN
DEPARTMENT OF PUBLIC WORKS
EARL R. REED, DIRECTOR

TITLE SHEET

SCALE AS SHOWN | DATE NOV., 1988 | FILE 88.790.250

## TEMPORARY BENCH MARK

East edge of exist. MH rim, 6± right at Sta. 7+24.
Elev. 160.8
Datum - U.S.G.S.

## TREE LEGEND

| | |
|---|---|
| M | Maple |
| A | Alder |
| C | Cedar |

T.L. 1800 · T.L. 1900 · T.L. 1600 · T.L. 8300 · T.L. 8200 · T.L. 4000 · T.L. 4100 · T.L. 4200 · T.L. 4300 · T.L. 4400 · T.L. 4500

4+50 Begin curb left and right.
Remove, exist. and const. 75' of new guard rail.
Exist. conc. channel
Ditch erosion protection
0+16 Const. 60" MH
Place 15 yd³ rip-rap in this area as directed by the Engineer.
Remove. exist rock and conc. ret. wall
Toe of fill
℄ Creek
℄ Curve Lt.
Δ = 7°09'28"
R = 1120.78'
Exist. conc. ret. wall
Remove exist. and const. 150' of new guard rail.
48" C.S.P. C-76 Class III
0+75 50° Bend
Remove exist. C.M.P.
Remove exist C.B.
P.R.C. 5+39.85
P.C. 4+00
Feather A.C. to match exist.
Exist. A.C.
JOLIE POINT ROAD
Const. ℄
Remove Exist. C.B.
IE 152.90
5+65 Const. G-1 C.B.
6+09.79 = ℄ Marquette Dr.
7+25 End curb
Shoulder
P.T. 6+79.87
Exist. power pole
IE 152.66
12" C.S.P.
Exist. ret. wall
Plug and abandon exist. culv.
Flare beginning of curb.
Exist. inlet structure I.E. 142.2
Outfall to be located in field.
15" C.S.P.
R=25
Match exist. curb line.
Const. G-1 catch basin over exist. St.D. Plug and abandon exist. outfall at new G-1. Verify I.E. in field.
5+65 Const. G-2 catch basin
Remove exist. C.B.
Hand-place 10 yd³ rip-rap in this area as designated by the Engineer.
℄ Creek
℄ Curve Rt.
Δ = 6°32'43"
R = 1224.19'
MARQUETTE DRIVE ℄
Exist. C.B. (typ.)
Exist. curb (typ.)
R/W
Exist. water valve
Exist. water meter
Exist. MH (typ.)
Exist. A.C.

### PLAN
Scale : 1"=20'

Top of curb 12' Lt.
Exist. ground at gutter
Finish pvmt @ ℄
Top of curb 12' Rt.
Top of curb 12' Lt.
Finish pvmt @ ℄

### PROFILE
Scale: Horiz. 1"=20'
Vert. 1"=5'

Fill slope 1½:1 max.
Sta. 0+16 Const. 60" MH or manhole in field.
2' min. cover over conc. channel and C.S.P.
Top exist. conc. channel
Fill slope 2:1 max.
Sta. 0+75 50° Bend
S = 0.1627
86' 48" C.S.P. (C-76, Cl. III)
Sta. 1+02 End 48" C.S.P.
Place 15 yd³ rip-rap at outlet.
Farm rip-rap around wing walls to accomodate 1½:1 max. backfill. (10 yd³)
Match exist. 48" culv.
I.E. 140.0
Bottom exist. conc. channel.
16' 48" C.S.P. (C-76, Cl. III)
F.L. exist creek (typ.)
I.E. 126.0
F.L. exist. creek (typ.)

### CULVERT PROFILE
Scale: Horiz. 1"=20'
Vert. 1"=10'

REGISTERED PROFESSIONAL ENGINEER 4733 OREGON JULY 14, 1961 MARLIN L. DEHAAS

| DATE | NO. | REVISIONS | BY |
|---|---|---|---|

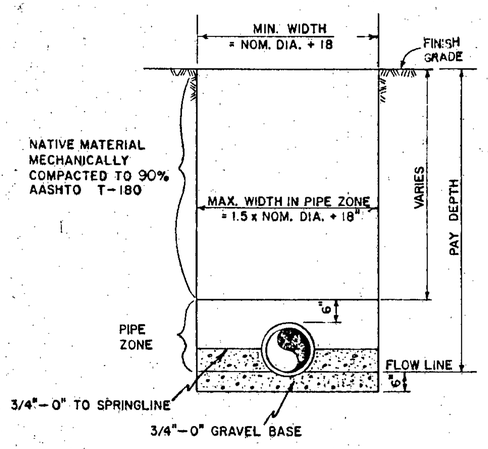
T.D.K. DESIGNED · T.D.K. DRAWN · M.J.D. CHECKED · APPROVED · DATE 11/14/88

DE HAAS & Associates, Inc. Consulting Engineers & Surveyors
Suite 300 AGC Center 9450 S.W. Commerce Circle Wilsonville, Oregon 97070
(503) 682-2450 Res. 636-6196

JOLIE POINT ROAD
STREET & STORM DRAIN IMPROVEMENTS

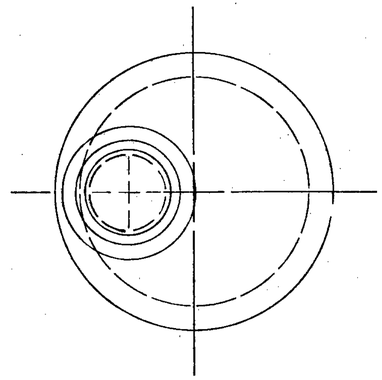
PLAN & PROFILE

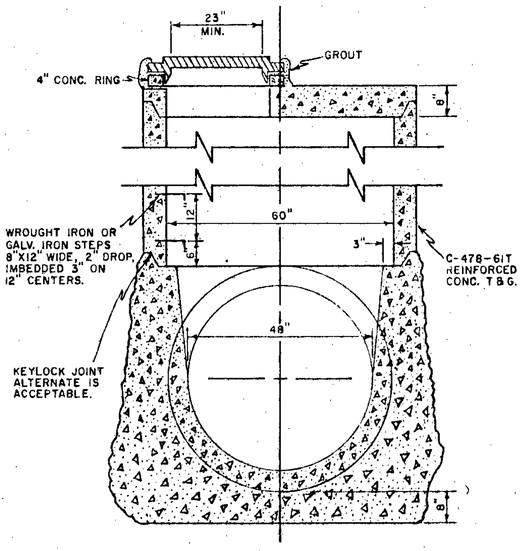
SCALE: AS SHOWN · DATE NOV., 1988 · FILE 88.790.250 · SHEET 2/3



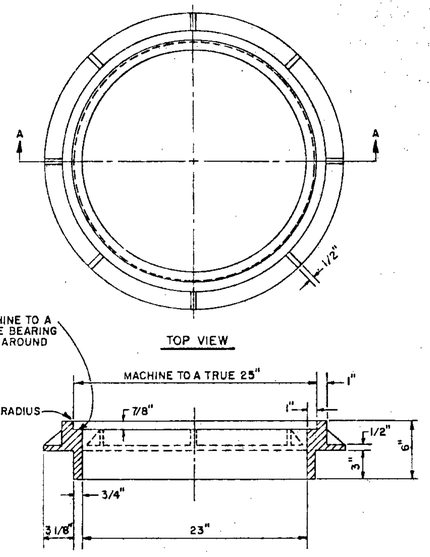

## CLASS 3 BACKFILL

(UNIMPROVED AREAS)

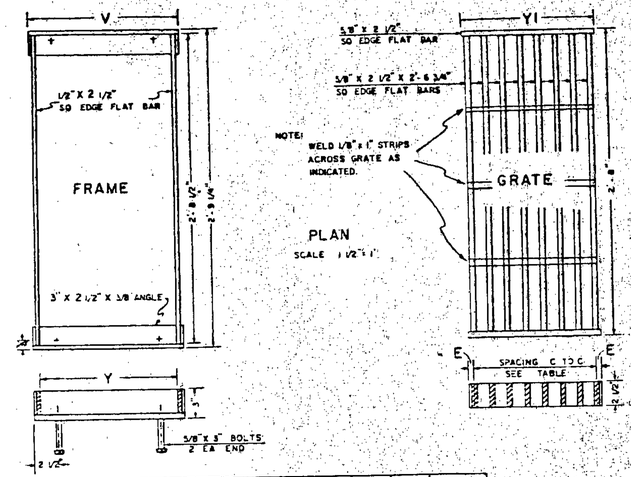





## 60" FLATTOP MANHOLE

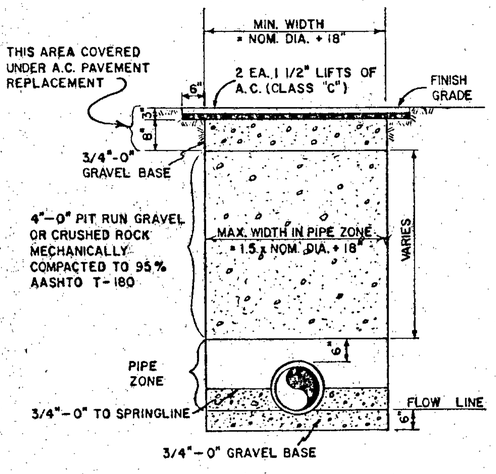



## SUBURBAN MANHOLE FRAME



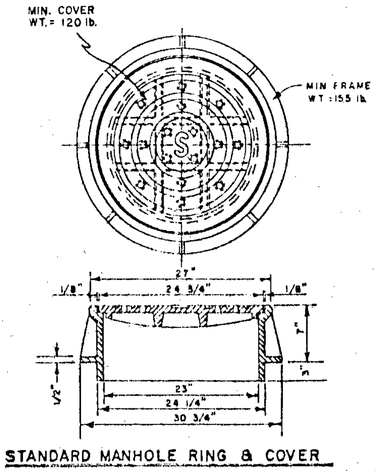

| INLET TYPE | V | Y | YI | E | SPACING C TO C | NO OF BARS | REMARKS |
|---|---|---|---|---|---|---|---|
| G, GB, CG | 1'-3 3/4" | 1'-1 7/8" | 1'-1 1/2" | 5/8" | 1 3/4" | 8 | |
| G-1, GB-1, CG-1 | 1'-10 3/4" | 1'-8 7/8" | 1'-8 1/2" | 5/8" | 1 3/4" | 12 | |
| G-2, GB-2, CG-2 | 2'-4 3/4" | 2'-3 3/8" | 2'-1 1/2" | 5/8" | 1 3/4" | 8 | 2 - GRATES |
| G-2M, D | 2'-4 3/4" | 2'-3 3/8" | 2'-3" | 1 1/2" | 3" | 9 | |

## STANDARD FRAME & GRATE DETAILS



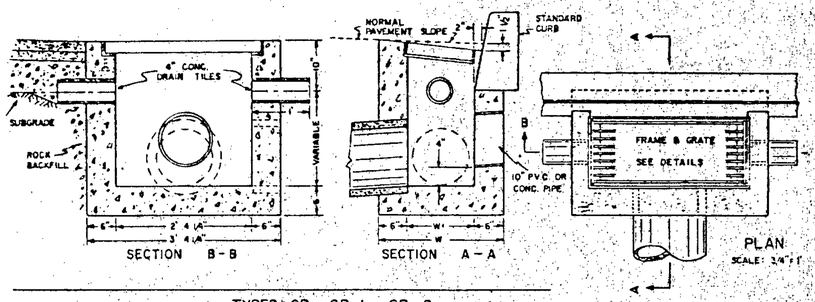

## CLASS 4 BACKFILL

(PAVED AREAS)

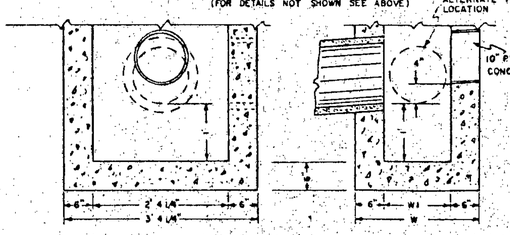



## STANDARD MANHOLE RING & COVER

TYPES G, G-1, G-2




TYPES GB, GB-1, GB-2
(FOR DETAILS NOT SHOWN SEE ABOVE)




| INLET TYPE | W | W1 |
|---|---|---|
| G, GB | 2' 1 7/8" | 1' 1 7/8" |
| G-1, GB-1 | 2' 8 7/8" | 1' 8 7/8" |
| G-2, GB-2 | 3' 3 3/8" | 2' 3 3/8" |

NOTE: A MAXIMUM DEVIATION FROM PLAN DIMENSIONS OF ONE INCH, AT THE INLET FLOOR, SHALL BE ALLOWED FOR TAPERING OF FORMS USED IN CONSTRUCTION OF CONCRETE INLETS.

## STANDARD CONCRETE INLET & CATCH BASIN DETAILS

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 14, 1961
MARTIN J. DEHAAS

| DATE | NO. | REVISIONS | BY |
|---|---|---|---|
| | | | |

T.D.K. DESIGNED
T.D.K. DRAWN
M.J.D CHECKED
APPROVED
DATE 11/16/88

DE HAAS & Associates, Inc.
Consulting Engineers & Surveyors

Suite 300 - AGC Center
9450 S.W. Commerce Circle
Wilsonville, Oregon 97070

(503) 682-2450
Res. 636-6198

JOLIE POINT ROAD
STREET & STORM DRAIN IMPROVEMENTS

STANDARD DETAILS

SHEET 3/3

SCALE AS SHOWN | DATE NOV., 1988 | FILE 88.790.250