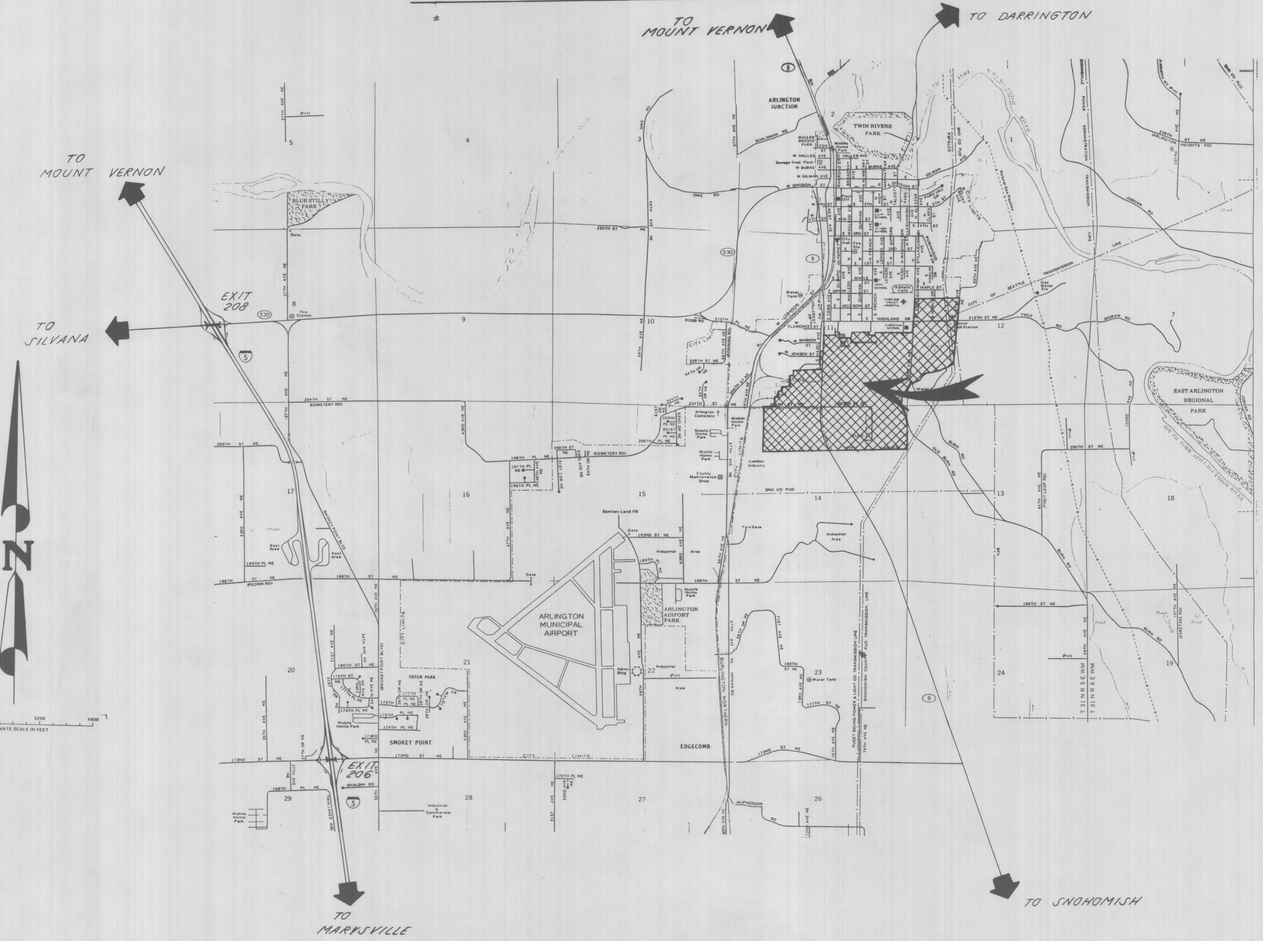
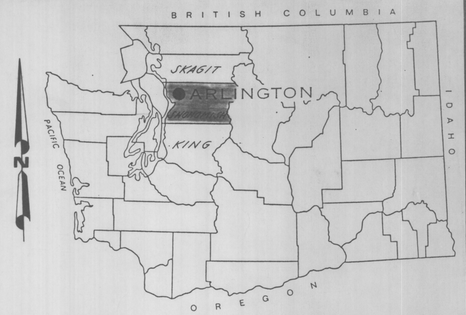
L.I.D. #20

CITY OF ARLINGTON

T. 31 N., R. 5 E., W. M.





WASHINGTON STATE
N.T.S.

DESIGNED M. MOORE DATE 3/1/88
DRAWN T. HOVING DATE 5/26/88
CHECKED R. DEVOE DATE 6/10/88
SCALE - HORIZONTAL: AS SHOWN
- VERTICAL: N/A
JOB NUMBER ARL 88
FIELD BOOK #5927
COUNTY SNOHOMISH

by Cascade Surveying & Engineering, Inc.
P O BOX 326
ARLINGTON, WA
435-5551
652-7572

for CITY OF ARLINGTON
L.I.D. #20
COVER SHEET

2	REVISED AS SHOWN ON SHEETS 2 THRU 14	9/19/88	T.A.A.
1	REVISED AS SHOWN ON SHEETS 2 THRU 14	7/26/88	T.A.A.

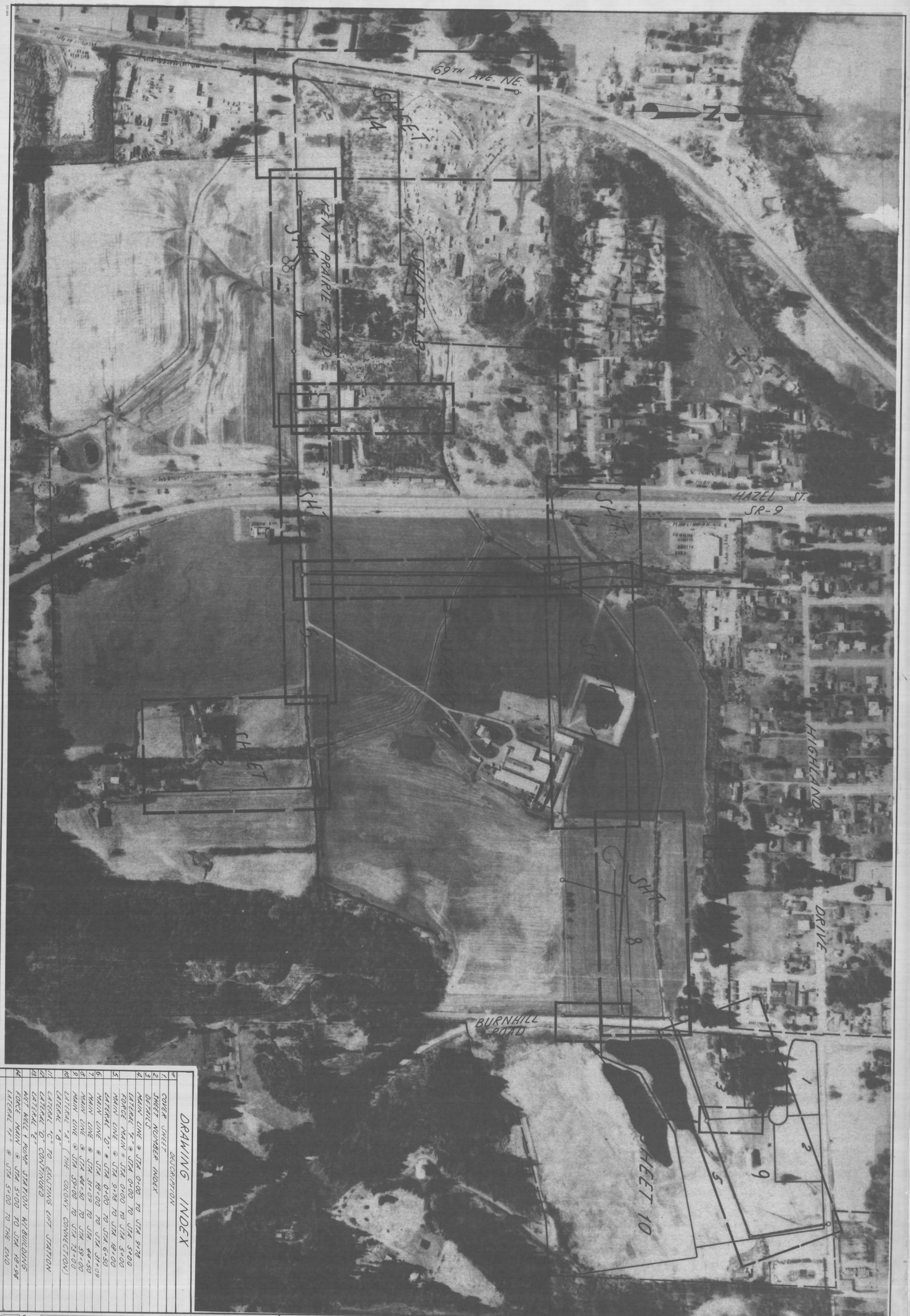
SR 864

M-1

M-1

1 OF 14

#5927



DRAWING INDEX

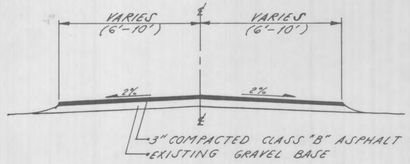
#	SHEET DESCRIPTION
1	COVER SHEET
2	SHEET NUMBER INDEX
3	DETAILS
4	MAIN LINE @ STA 0+00 TO STA 5+00
	LATERAL "A" @ STA 0+00 TO STA 5+00
	FORCE MAIN @ STA 0+00 TO STA 5+00
5	MAIN LINE @ STA 5+00 TO STA 10+00
	LATERAL "D" @ STA 0+00 TO STA 4+00
6	MAIN LINE @ STA 10+00 TO STA 14+00
7	MAIN LINE @ STA 14+00 TO STA 19+00
8	MAIN LINE @ STA 19+00 TO STA 23+00
	LATERAL "A" (THE GROUNY CONNECTION)
9	LATERAL "C" TO EXISTING MH# 1 STATION
10	LATERAL "C" CONTINUED
11	LATERAL "E"
12	WET WELL & PUMP STATION W/BUILDING
13	FORCE MAIN @ STA 5+00 TO STA 10+00
14	LATERAL "F" @ STA 5+00 TO THE END

for
CITY OF ARLINGTON
L. I. D. #20
SHEET NUMBER INDEX

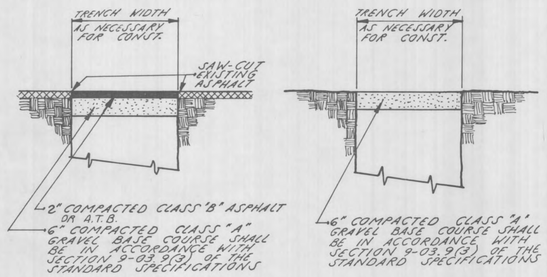
by
Cascade Surveying & Engineering, Inc.
435·5551
652·7572
P O BOX 326
ARLINGTON, WA

DESIGNED	H. MOORE	DATE	3/20/89
DRAWN	T. ADKINS	DATE	6/9/89
CHECKED	M. DEFOE	DATE	6/10/89
SCALE – HORIZONTAL:			1"= 200'
– VERTICAL:			N/A
JOB NUMBER			#3927
FIELD BOOK			ARL 28
COUNTY			SNOHOMISH

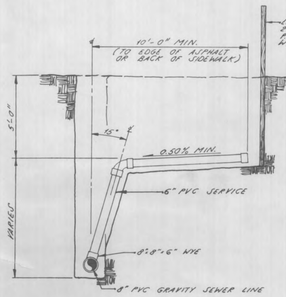
#5927
2 OF 14



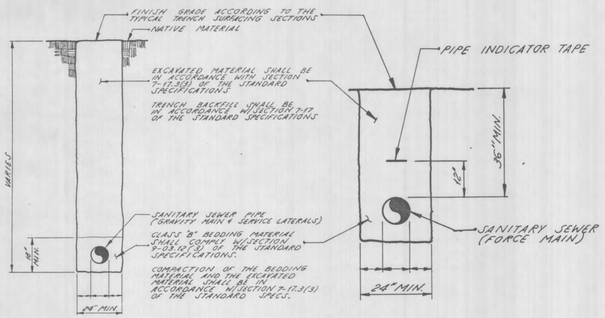
PAVING ROADWAY SECTION @ KENT PRAIRIE RD.
N.T.S.



TRENCH SURFACING SECTIONS
N.T.S.



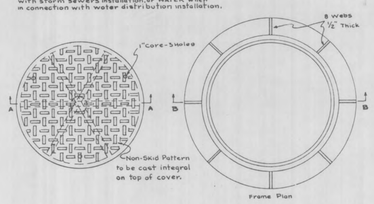
SIDE SERVICE DETAIL
N.T.S.



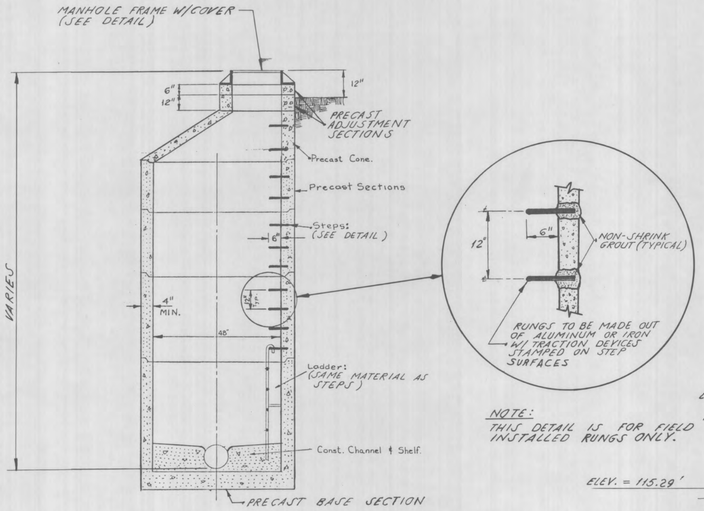
GRAVITY MAIN FORCE MAIN

TYPICAL SEWER TRENCH SECTIONS
N.T.S.

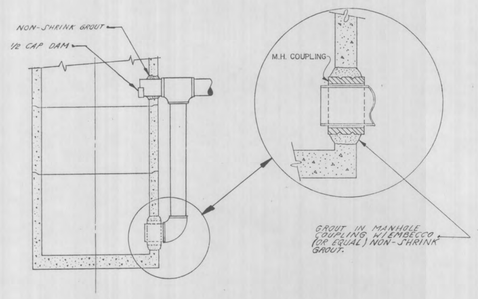
Covers shall have the word "SEWERS" in 2" raised letters when used in connection with sanitary sewer installations, or "DRAIN" when in connection with storm sewers installation, or "WATER" when in connection with water distribution installation.



TYPICAL MANHOLE FRAME W/LOCKING COVER
N.T.S.



TYPICAL MANHOLE DETAIL



TYPICAL MANHOLE CONNECTION & DROP INLET DETAIL
N.T.S.

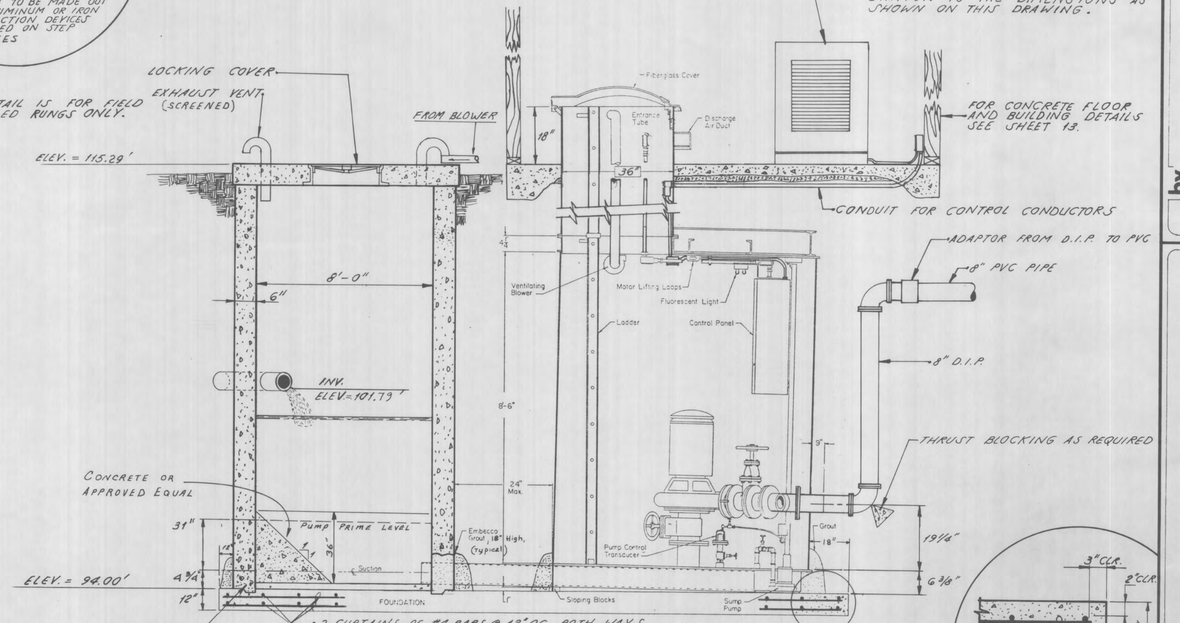
LEGEND:

- EXISTING ASPHALT SURFACES
- EXISTING GRAVEL SURFACES
- EXISTING CONCRETE SURFACES
- EXISTING CULVERT PIPE
- W — EXISTING WATER LINE
- S — EXISTING SANITARY SEWER LINE
- G — EXISTING GAS LINE
- T — EXISTING TELEPHONE LINE
- PROPOSED CULVERT PIPE
- EXISTING/PROPOSED WATER VALVE
- EXISTING/PROPOSED SEWER MANHOLE
- SL#1 TYPICAL SOIL LOG HOLE
- BENCHMARK LOCATION
- 8" PVC @ 223% PROPOSED SANITARY SEWER PIPE
- EXISTING POWER POLE
- P — EXISTING UNDERGROUND POWER
- T — EXISTING UNDERGROUND TELEPHONE

NOTES:

1. ENGINEERS PLANS AND SPECIFICATIONS FOR DETAILS OF THE WET WELL, CONCRETE FOUNDATION, GROUT UNDER PUMP STATION, AND ELECTRICAL SERVICE ARE INCLUDED IN THIS CONTRACT.
2. CONTRACTOR TO PROVIDE AND INSTALL WET WELL AS SHOWN ON THESE DRAWINGS.
3. CONTRACTOR TO INSTALL THE PUMP STATION TO THE DIMENSIONS AS SHOWN ON THIS DRAWING.

BACK-UP GENERATOR: INSTALL ACCORDING TO MANUFACTURES SPECS.



WET WELL AND PUMP STATION TYPICAL DETAILS
N.T.S.

DESIGNED M. MOORE DATE 5/26/88
DRAWN T. MOYNE DATE 5/31/88
CHECKED P. DEVOE DATE 6/10/88
SCALE-HORIZONTAL: N/A
-VERTICAL: N/A
JOB NUMBER #5927
FIELD BOOK ---
COUNTY SNOHOMISH

by Cascade Surveying & Engineering, Inc.
P.O. BOX 326
ARLINGTON, WA
435-5551
652-7572

for CITY OF ARLINGTON
L.I.D. #20
DETAIL SHEET

AS-BUILTS

3 OF 14

#5927

SEC. 11, T. 31 N., R. 5 E., W.M.

3-031 | 3-035 | 3-033 | 3-054

MANHOLE #39
STA 4+14

MODERN FURNITURE CORP. BUILDING

EXISTING FIRE HYDRANT

TBM #1 @ ELEV. = 115.13'
R/R SPIKE IN BASE OF POWER POLE

TBM #2 @ ELEV. = 122.19'
R/R SPIKE IN BASE OF POWER POLE 15' LEFT OF STA. 9+42.

MATCH SHEET 13

66 LF OF 8" PVC PIPE @ 0.26 %

MANHOLE #38
STA 4+07

446 LF OF 8" PVC PIPE @ 0.37 %

165 LF OF 8" PVC @ 0.39 %

KENT PRAIRIE ROAD (204TH ST. NE.)

385 LF OF 15" PVC PIPE @ 0.38 %

384 LF OF 15" PVC PIPE @ 0.41 %

MATCH SHEET 14

MATCH SHEET 5

20 LF OF 8" D.I.P. (CLASS 50) (10 LF ON EACH SIDE OF ℄ OF EXISTING WATERLINE)

NEWELL MACHINE CORP.

8"PVC FORCE MAIN (SEE SHEET 3 FOR TRENCH DETAILS)

MANHOLE #37
STA 0+39

PUMP STATION

MANHOLE #1
STA 2+10
(SEE SHEET 3 FOR TYPICAL MANHOLE DETAILS)

EXISTING WATER METER

MANHOLE #2
STA 5+95

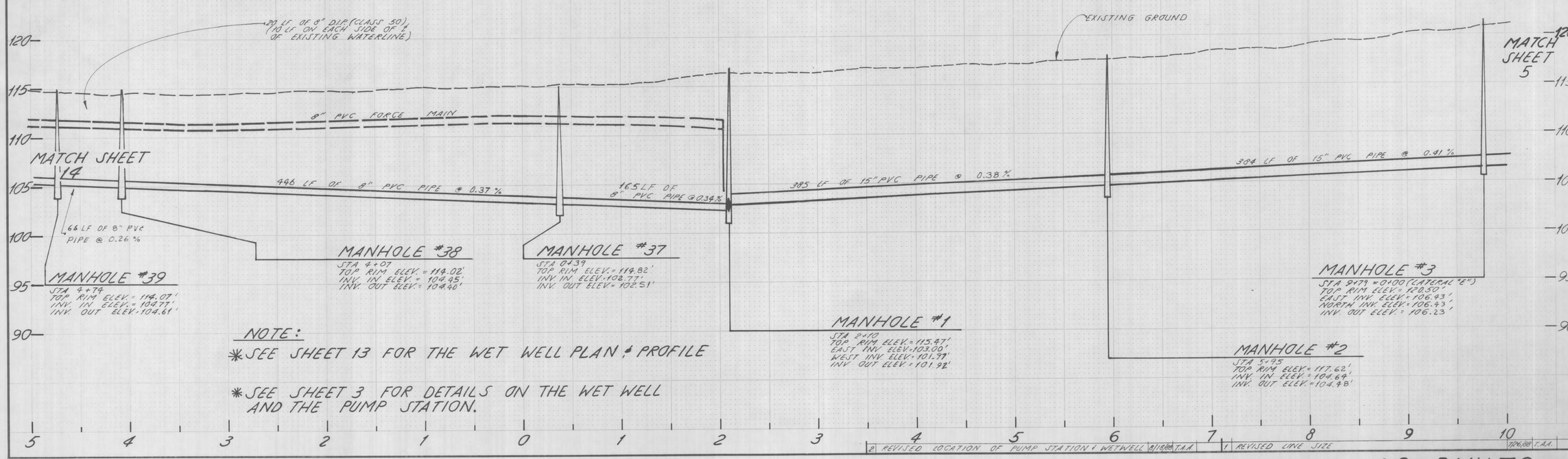
MANHOLE #3
STA 9+79 (MAIN LINE) =
STA 0+00 (LATERAL "E")
SEE SHEET 13 FOR DETAILS

WET WELL

NOTE:
* SEE SHEET 13 FOR THE WET WELL PLAN AND PROFILE.
* SEE SHEET 3 FOR DETAILS ON THE WET WELL AND PUMP STATION.

SEC. 14, T. 31 N., R. 5 E., W.M.

1" = 50'



NOTE:
* SEE SHEET 13 FOR THE WET WELL PLAN & PROFILE
* SEE SHEET 3 FOR DETAILS ON THE WET WELL AND THE PUMP STATION.

2 REVISED LOCATION OF PUMP STATION & WETWELL 8/18/88 T.A.A.
1 REVISED LINE SIZE 10/6/88 T.A.A.

DESIGNED M. MOORE DATE 3/10/88
DRAWN T. ADKINS DATE 3/17/88
CHECKED B. DEFOE DATE 6/10/88
SCALE - HORIZONTAL: 1"=50'
- VERTICAL: 1"=5'
JOB NUMBER #5927
FIELD BOOK ARL 68
COUNTY SNOHOMISH

by Cascade Surveying & Engineering, Inc.
P.O. BOX 326
ARLINGTON, WA
435-5551
652-7572

for CITY OF ARLINGTON
L.I.D. #20
LATERAL "E" @ STA 0+00 TO 5+00
MAIN LINE @ STA 0+00 TO 9+78
FORCE MAIN @ STA 0+00 TO 5+00

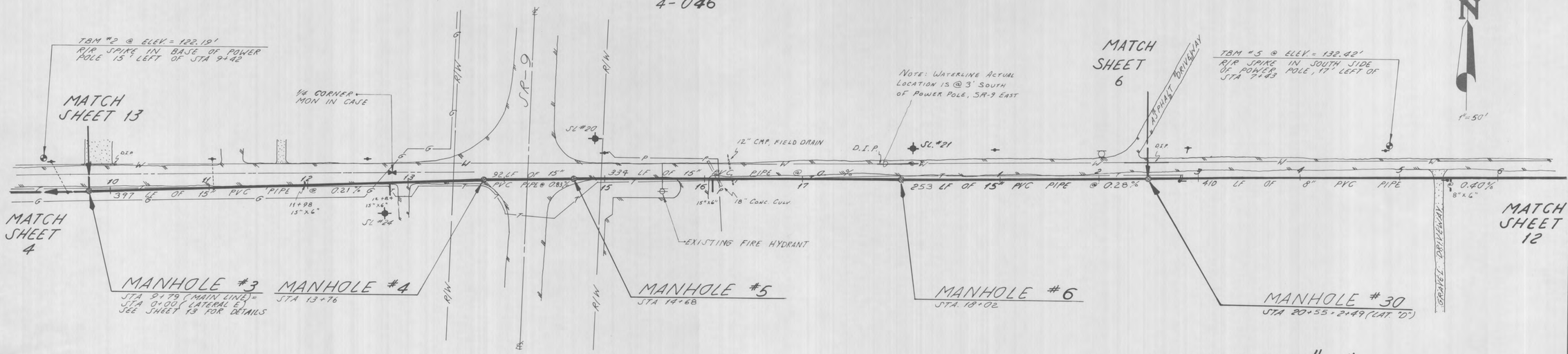
AS-BUILTS

4 OF 14
#5927

SEC. 11, T. 31 N., R. 5 E., W.M.

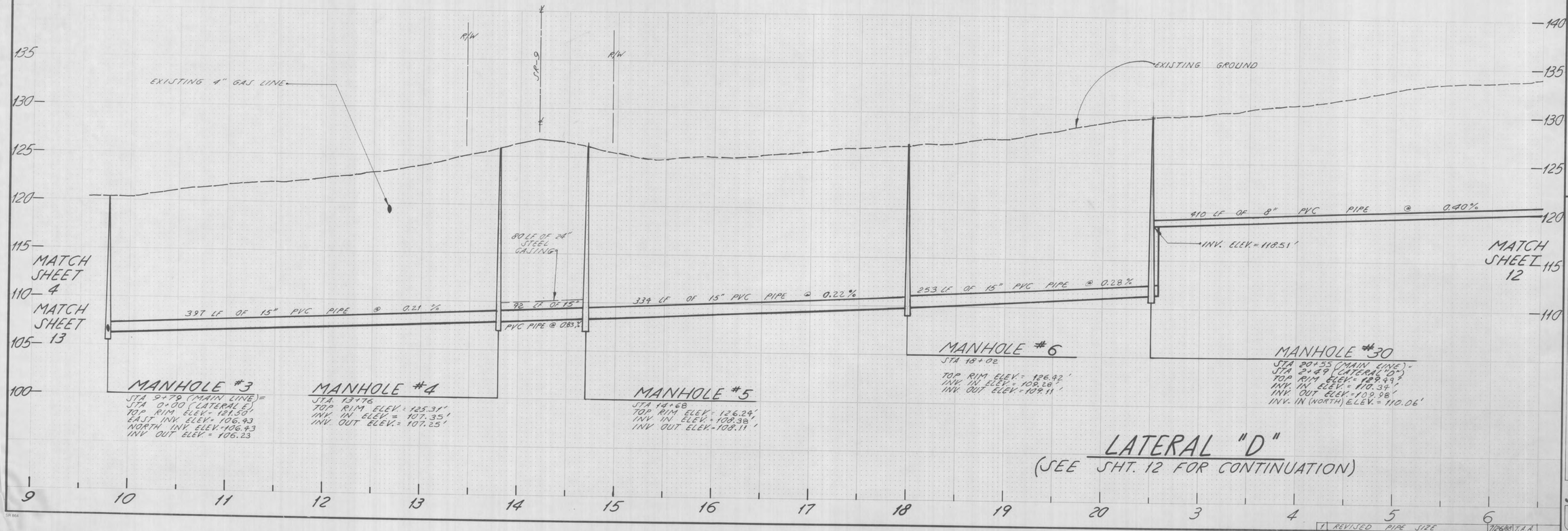
4-046

4-008



SEC 14, T. 31 N., R. 5 E., W.M.

LATERAL "D"
(SEE SHT. 12 FOR CONTINUATION)



LATERAL "D"
(SEE SHT. 12 FOR CONTINUATION)

1	REVISED PIPE SIZE	7/26/88 T.A.A.
2	REVISED ELEV. OF LATERAL "D"	8/13/88 T.A.A.

DESIGNED M. MOORE DATE 3/20/88
DRAWN T. ADKINS DATE 4/11/88
CHECKED R. DEVOE DATE 6/10/88
SCALE-HORIZONTAL 1"=50'
-VERTICAL 1"=50'
JOB NUMBER 87-03
FIELD BOOK ARK-28
COUNTY SNOHOMISH

by Cascade Surveying & Engineering, Inc.
P O BOX 326
ARLINGTON, WA
435-5551
652-7572

for CITY OF ARLINGTON

L.I.D. #20

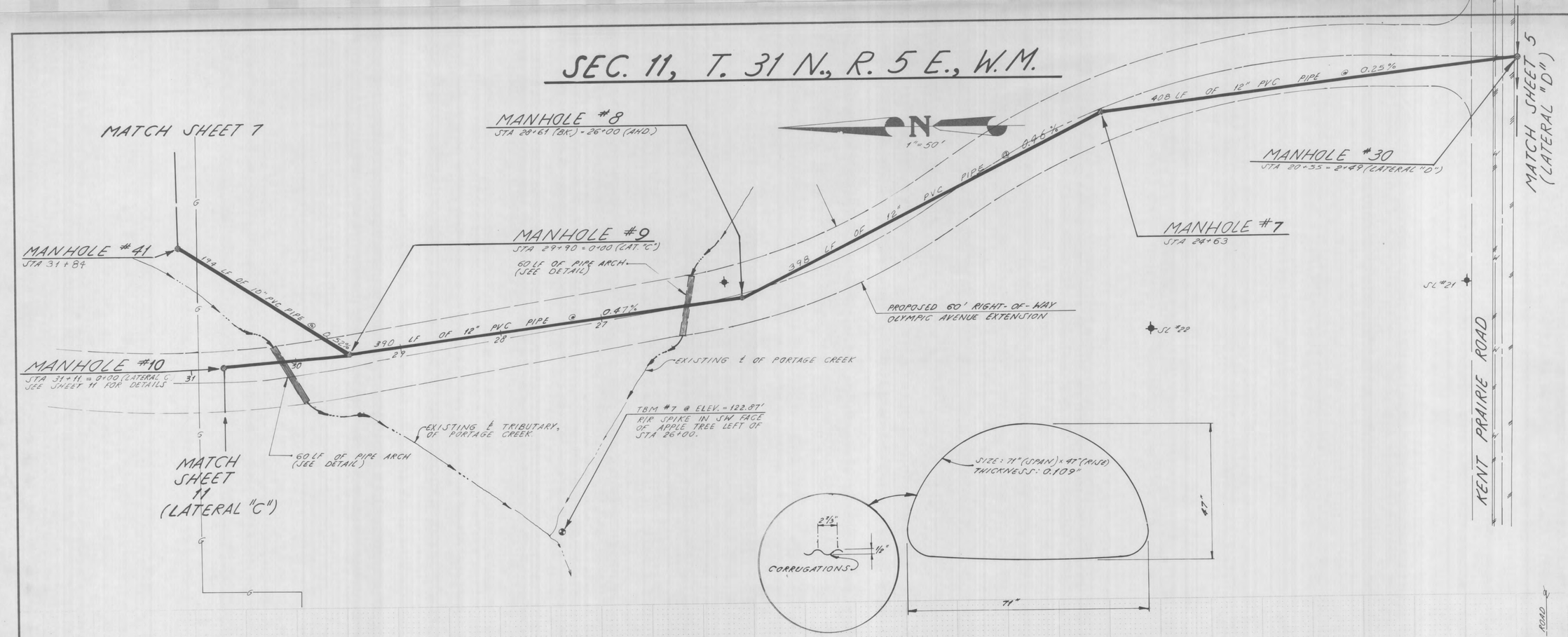
MAIN LINE @ STA 9+78 TO 18+00
LATERAL "D" @ STA 0+00 TO 6+50

5 OF 14

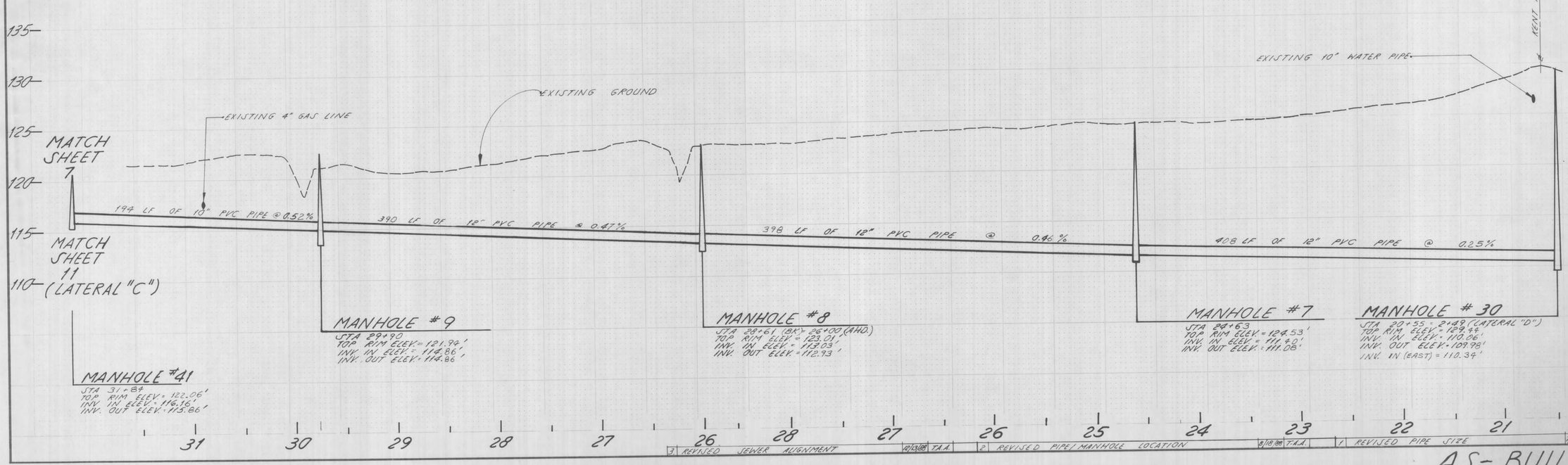
AS-BUILTS

#5927

SEC. 11, T. 31 N., R. 5 E., W.M.



CORRUGATED STEEL PIPE
PIPE ARCHES DETAIL
N.T.S.



3	REVISED SEWER ALIGNMENT	10/3/88	T.A.A.
2	REVISED PIPE/MANHOLE LOCATION	9/18/88	T.A.A.
1	REVISED PIPE SIZE	1/26/88	T.A.A.

DESIGNED M. MOORE DATE 2/10/88
DRAWN T. ADKINS DATE 4/11/88
CHECKED R. DUFOUR DATE 6/10/88
SCALE-HORIZONTAL: 1"= 50'
-VERTICAL: 1"= 5'
JOB NUMBER #5927
FIELD BOOK ARL 28
COUNTY SNOHOMISH

Cascade Surveying & Engineering, Inc.
P.O. BOX 326
ARLINGTON, WA
435-5551
652-7572

for CITY OF ARLINGTON
L.I.D. #20
MAIN LINE STA 18+00 TO 31+09

AS-BUILTS

SEC. 11, T. 31 N., R. 5 E., W.M.



DESIGNED M. MOORE DATE 2/20/08
DRAWN T. ADKINS DATE 4/7/08
CHECKED M. DEVORE DATE 6/10/08
SCALE-HORIZONTAL 1"=50'
VERTICAL
JOB NUMBER #5027
FIELD BOOK
COUNTY SNOHOMISH

by Cascade Surveying & Engineering, Inc.
P O BOX 326
ARLINGTON, WA
435-5551
652-7572

for CITY OF ARLINGTON
L.I.D. #20
MAIN LINE @ STA 31+09 TO 44+50

AS-BUILTS

7 OF 14
#5927

SR 864

SEC. 11, T. 31 N., R. 5 E., W.M.

SEC. 12,

N

1"=50'

EXISTING E PORTAGE CREEK TRIBUTARY

MANHOLE #18
STA 58+10 BK. = 58+04 AHD.

MATCH SHEET 9

MANHOLE #14
STA 45+34

MANHOLE #15
STA 47+94

MANHOLE #16
STA 51+72

ACCESS AND UTILITY EASEMENT

MATCH SHEET 7

260 LF OF 10" PVC PIPE @ 0.47%

378 LF OF 10" PVC PIPE @ 1.61 %

338 LF OF 8" PVC PIPE @ 0.45 %

53 LF OF 8" PVC PIPE @ 0.50 %

247 LF OF 8" PVC PIPE @ 0.77%

8"x6" TEE 54+20

8"x6" TEE 52+61

8"x6" TEE 34+07

SJC #14 SJC #13 SJC #12 SJC #11 SJC #10 SJC #9

46 47 48 49 50 51 52 53 54 55

MANHOLE #17
STA 55+63

MANHOLE #17-A
STA 55+10 (MAIN LINE) =
STA 0+00 ('LATERAL B')
SEE SHEET 10 FOR DETAILS

SEE SHT. 12 FOR DETAILS

MANHOLE #34

BURN ROAD AVE. NE.

MATCH SHEET 10
(LATERAL "B")

EXISTING ARCH PIPE (UNDER BURN ROAD)

EXISTING GROUND

EXISTING 4" GAS PIPE

83rd AVE. NE.

145 140 135 130 125 120 115 110

MATCH SHEET 7

260 LF OF 10" PVC PIPE @ 0.47%

378 LF OF 10" PVC PIPE @ 1.61 %

338 LF OF 8" PVC PIPE @ 0.45 %

53 LF OF 8" PVC PIPE @ 0.50%

247 LF OF 8" PVC PIPE @ 0.77%

MATCH SHEET 9

MANHOLE #14
STA 45+34
TOP RIM ELEV.= 128.55'
INV. IN ELEV.= 122.74'
INV. OUT ELEV.=122.64'

MANHOLE #15
STA 47+94
TOP RIM ELEV.= 130.91'
INV. IN ELEV.= 124.13'
INV. OUT ELEV.=123.96'
SOUTH INV. ELEV.=124.91'

MANHOLE #16
STA. 51+72
TOP RIM ELEV.= 137.23'
INV. IN ELEV.= 130.47'
INV. OUT ELEV.=130.20'

MANHOLE #17-A
STA 55+10 = 0+00 (LATERAL 'B')
TOP RIM ELEV.= 141.94'
INV. IN (EAST) ELEV.= 132.08'
INV. IN (SOUTH) ELEV.= 132.01'
INV. OUT ELEV.= 132.00'

MANHOLE #17
STA 55+63
TOP RIM ELEV.= 143.15'
INV. IN ELEV.=132.93
INV. OUT ELEV.=132.13

MATCH SHEET 10
(LATERAL "B")

MANHOLE #18
STA 58+10 BK = 58+04 AHD.
TOP RIM ELEV.= 143.06'
INV. IN ELEV.= 136.37'
INV. OUT ELEV.=136.32'

45 46 47 48 49 50 51 52 53 54 55 56 57 58 59

1. REVISED PIPE SIZE 7/26/88 TAA

DESIGNED M. MOORE DATE 2/22/88
DRAWN T. ADKINS DATE 4/5/88
CHECKED A. DEVOE DATE 6/10/88
SCALE-HORIZONTAL: 1"=50'
-VERTICAL: 1"=5'
JOB NUMBER #5027
FIELD BOOK ARK. 24
COUNTY SNOHOMISH

by Cascade Surveying & Engineering, Inc.
P O BOX 326
ARLINGTON, WA
435-5551
652-7572

for CITY OF ARLINGTON
L.I.D. #20
MAIN LINE @ STA 44+50 TO 59+00

AS-BUILTS

8 OF 14
#5927

SEC. 12, T. 31 N., R. 5 E., W.M.

MATCH SHEET 8

83RD AVE. NE (BURN ROAD)

ACCESS AND UTILITY EASEMENT 40'

MANHOLE #19
STA 62+16 (MAIN LINE) =
STA 0+00 (LATERAL 'A')
SEE SHEET 10 FOR DETAILS

20' UTILITY EASEMENT

412 LF OF 8" PVC PIPE @ 0.66%

36' of DUCTILE IRON PIPE

MANHOLE #18
STA 58+10 BK = 58+04 AHD.

MATCH SHEET 10 (LATERAL 'A')

EXISTING CULVERT PIPE

322 LF OF 8" PVC PIPE @ 0.45%

MANHOLE #20
STA 65+38

306 LF OF 8" PVC PIPE @ 0.47%

MANHOLE #22
STA 70+20

UTILITY EASEMENT

30' EXISTING 8" DIP

176 LF OF 8" PVC PIPE @ 2.05%

EXISTING 12" DIP

263 LF OF 8" PVC PIPE @ 2.72%

MANHOLE #21
STA 68+44

8"x6" TEE

8"x6" TEE

UTILITY EASEMENT

MANHOLE #23
STA 72+83
END OF MAIN LINE

EXISTING FIRE HYDRANT

212TH ST. NE. (TYLET ROAD)

EXISTING 12" DIP

EXISTING WATER VALVES

TBM #11 @ ELEV = 163.47'
R/R SPIKE IN POWER POLE,
NORTH SIDE OF TYLET ROAD
AND 100' RIGHT OF STA 73+04

1"=50'

212TH ST. NE. (TYLET RD.)

EXISTING 10" WATER

EXISTING GROUND

EXISTING CULVERT

412 LF OF 8" PVC PIPE @ 0.66%

322 LF OF 8" PVC PIPE @ 0.45%

306 LF OF 8" PVC PIPE @ 0.47%

176 LF OF 8" PVC @ 2.05%

263 LF OF 8" PVC PIPE @ 2.72%

MATCH SHEET 8

MANHOLE #19
STA 62+16 = 0+00 (LATERAL 'A')
TOP RIM ELEV. = 142.97'
EAST INV. ELEV. = 137.85'
NORTH INV. ELEV. = 137.60'
INV. OUT ELEV. = 137.30'

MATCH SHEET 10
(LATERAL "A")

MANHOLE #20
STA 65+38
TOP RIM ELEV. = 144.60'
INV. IN ELEV. = 139.93'
INV. OUT ELEV. = 139.90'

MANHOLE #21
STA 68+44
TOP RIM ELEV. = 149.19'
INV. IN ELEV. = 140.53'
INV. OUT ELEV. = 140.39'

MANHOLE #22
STA 70+20
TOP RIM ELEV. = 152.28'
INV. IN ELEV. = 144.90'
INV. OUT ELEV. = 144.13'

MANHOLE #23
STA 72+83
TOP RIM ELEV. = 157.21'
INV. OUT ELEV. = 151.55'
END OF MAIN LINE

160 155 150 145 140 135 130

58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73

DESIGNED A. MOORE DATE 3/20/98
DRAWN T. ADKINS DATE 3/20/98
CHECKED A. DeHOOP DATE 6/10/98
SCALE-HORIZONTAL: 1"=50'
SCALE-VERTICAL: 1"=5'
JOB NUMBER #5927
FIELD BOOK ARC 20
COUNTY SNOHOMISH

Cascade Surveying & Engineering, Inc.
P O BOX 326
ARLINGTON, WA
by Cascade Surveying
435-5551
652-7572

for CITY OF ARLINGTON
L.I.D. #20
MAIN LINE @ STA 59+00 TO 73+00

SR 864

AS-BUILT'S 9 OF 14
#5927

SEC. 12, T. 31 N., R. 5 E., W.M.

MATCH SHEET 8

MANHOLE #25
STA. 3+00
END OF LATERAL "B"

MANHOLE #17-A
STA 0+00 (LATERAL B) =
STA 55+10 (MAINLINE)

300 LF OF 8" PVC PIPE @ 3.02%

℄ EXISTING CREEK

83RD AVENUE NE (BURN ROAD)

EXISTING CULVERT PIPE (48"x31" ARCH PIPE)

℄ EXISTING CREEK

EXISTING 10" AC WATERMAIN

24" CMP

SPILLWAY

"EXISTING POND"

MANHOLE #17
STA. 55+63

LATERAL "B"

N
1"=50'

NOTE:
USE MATERIAL THAT IS STOCKPILED NEAR STA 65+00 TO CONSTRUCT THIS BERM. CONSTRUCT IN ACCORDANCE WITH DIV. 2 - EARTHWORK 2-03.3(14)B OF THE STANDARD SPECIFICATIONS. PAYMENT WILL BE INCIDENTAL TO "TRENCHING 0'-5'" ON THE FORM OF PROPOSAL.

PARCEL 4

40' ACCESS AND UTILITY EASEMENT

PARCEL 1

PARCEL 2

EXISTING MANHOLE

MANHOLE #19
STA 0+00 (LATERAL A) =
STA 62+16 (MAINLINE)

MATCH SHEET 9

248 LF OF 8" PVC PIPE @ 2.15%

N 1° 13' E

UTILITY EASEMENT

EXISTING MANHOLE
TEMPORARY LIFT STATION

MANHOLE #24
STA 2+48
END OF LATERAL "A"

LATERAL "A"
(COLONY CONNECTION)

EXISTING SEWER PIPE TO BE SAW CUT & PLUG W/ NON-SHRINK GROUT

SIDE VIEW

2" GROUT 12" MIN

SAW CUT 2" INSIDE MH.

EXISTING SEWER LINE TO BE GROUTED W/ NON-SHRINK GROUT.

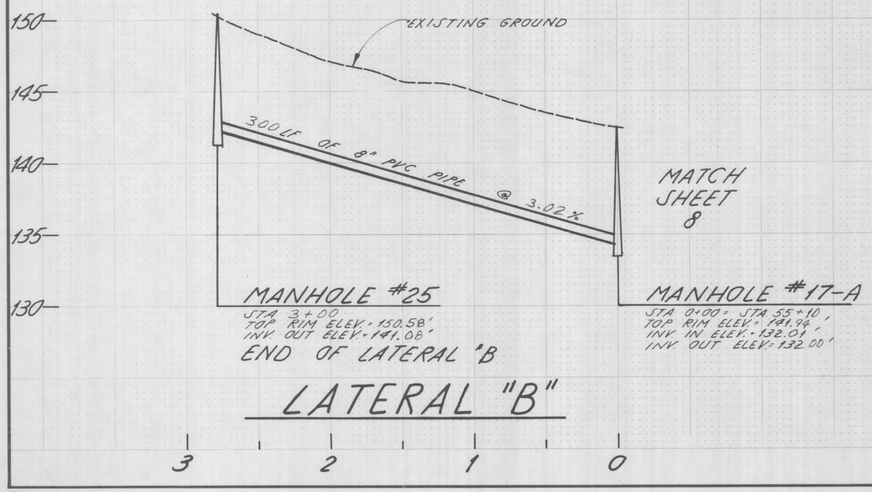
NEW GRAVITY SEWER LINE (8" PVC PIPE @ 7.19%)

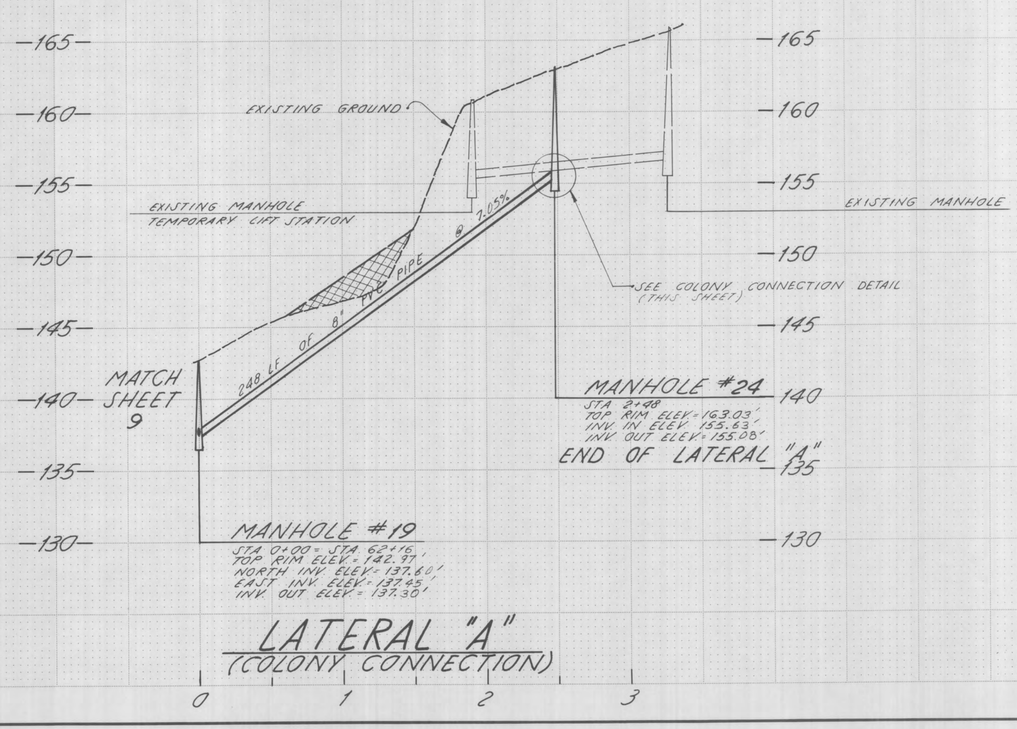
SECTION

NOTE:
THE EXISTING SEWER PIPE IS NOT TO BE REMOVED UNTIL THE LIFT STATION AND GRAVITY LINES ARE OPERATIONAL.

NEW MANHOLE #24
(COLONY CONNECTION DETAIL)

NOTE:
PAYMENT FOR THIS CONNECTION WILL BE INCIDENTAL TO MANHOLES 5'-10' ON THE FORM OF PROPOSAL.





DESIGNED H. HOOKE DATE 4/22/88
DRAWN T. ADKINS DATE 4/25/88
CHECKED A. DEVINE DATE 5/10/88
SCALE - HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'
JOB NUMBER #5927
FIELD BOOK
COUNTY SNOHOMISH

by Cascade Surveying & Engineering, Inc.
P.O. BOX 326
ARLINGTON, WA
435-5551
652-7572

for CITY OF ARLINGTON
L.I.D. #20
LATERAL "A" (COLONY CONNECTION)
LATERAL "B"

AS-BUILT'S

#5927

SEC. 11, T. 31 N., R. 5 E., W.M.

LATERAL "C"

TBM #8 @ ELEV. = 157.37'

EXISTING LIFT STATION (ABANDONED)

EXISTING MH #24 END OF LATERAL "C" STA. 7+72

MANHOLE #29 STA 6+28

144 LF OF 8" PVC PIPE @ 2.60%

MANHOLE 94 TO MANHOLE 95, ABANDONED SEWER LINE

MANHOLE #95 ABANDONED

MH #95

PLAN VIEW
1" = 20'

PNUEMATIC OR SIMILAR TYPE, TEMPORARY PLUGS DURING FINAL CONNECTION.

EXISTING SEWER PIPE

EXISTING SEWER PIPE TO EXISTING LIFT STATION

NOTE:
THE EXISTING INCOMING SEWER PIPES TO BE TEMPORARILY PLUGGED WHILE THE NEW GRAVITY LINE CONNECTION IS MADE. THE CONNECTION TO BE COMPLETED AS SOON AS PRACTICAL TO ALLEVIATE STORAGE IN UPSTREAM GRAVITY SYSTEM. THIS CONNECTION NOT TO BE MADE UNTIL LIFT STATION AND GRAVITY SYSTEM IS OPERATIONAL. THE FINAL CONNECTION TO BE APPROVED BY ENGINEER.

NEW 8" PVC SEWER PIPE @ 5.00% CONNECTED TO EXISTING SEWER PIPE OUTSIDE EXISTING MANHOLE #94.

EXISTING SEWER PIPE

FINAL CONNECTION DETAIL
N.T.S.

CONCRETE MANHOLE (EXISTING)

EXISTING SEWER PIPE

NEW 8" PVC SEWER PIPE @ 5.00%

SECTION

EXISTING MANHOLE #94
N.T.S.

HAZEL ST.

TBM #8 @ ELEV. = 157.37'
RIR SPIKE IN BASE OF POWER POLE, 9' RIGHT OF STA 7+70

EXISTING LIFT STATION (ABANDONED)

EXISTING MANHOLE #94
STA 7+72
END OF LATERAL "C"

TEE, 77' N OF M.H. #29

144 LF OF 8" PVC PIPE @ 2.60%

CONCRETE POSTS

JENSEN ST.

EXISTING CATCHBASIN
PROTECT CATCHBASIN FROM MOVEMENT DURING CONSTRUCTION. ANY DAMAGE RESULTING FROM THE CONTRACTORS OPERATION SHALL BE REPAIRED BY THE CONTRACTOR WITHOUT COMPENSATION.

MANHOLE #29
STA 6+28

PLACE EXCAVATED MATERIALS AND BEDDING MATERIALS THROUGHOUT THE LENGTH OF THIS PIPE AS SHOWN IN DETAIL BELOW.

EXISTING 18" CONC. PIPE

EXISTING 75" x 5.5" STRUCTURAL MULTI PLATE ARCH CATTLE CROSSING

MANHOLE #28
STA 4+48

8" x 6" TEE

MANHOLE #10
STA 0+16 "LATERAL C" = STA 31+11 "MAIN" LINE

N

Z

1" = 50'

℄ OF PORTAGE CREEK

MANHOLE #27
STA 3+77

71 LF OF 8" PVC PIPE @ 26.94

8" x 6" TEE

110 LF OF 8" PVC PIPE @ 0.58%

INSTALL PIPE ANCHORS @ STA 3+93 AND STA 4+13 (SEE DETAIL)

251 LF OF 8" PVC PIPE @ 0.35%

ACCESS AND UTILITY EASEMENT

MATCH SHEET

PROPOSED RIGHT-OF-WAY OLYMPIC AVENUE EXT.

MANHOLE #26
STA 2+67

124 LF OF 8" PVC PIPE @ 0.41%

MANHOLE #9
STA 29+90

PLACE EXCAVATED MATERIALS AROUND MANHOLES TO A POINT THAT IS 2 FT. ABOVE THE TOP OF THE PIPES, AND AT THE SLOPES AS SHOWN IN DETAIL. SEED ALL AREAS AFTER CONSTRUCTION AND ACCEPTANCE.

INSTALLATION OF THE PIPES, BEDDING MATERIALS, MANHOLES, AND OTHER MATERIALS SHALL BE CONSIDERED INCIDENTIAL TO OTHER BID ITEMS AND NO ITEMIZED COMPENSATION WILL BE ALLOWED.

EXCAVATED MATERIAL

2:1 (MIN)

6" MIN.

EXISTING GROUND

COMPACTED CLASS "B" BEDDING MATERIAL

PIPE ARCH DETAIL
N.T.S.

8" PVC SEWER PIPE

GALV. CLAMP W/ RUBBER GASKET

36" MIN.

18" MIN

12" MIN

CONCRETE BLOCK W/ 3/4" GALV. THREADED ROD & ANGLE W/ 6" BEND AT SUBMERGED END

BEDDING MATERIAL

ISOMETRIC

PIPE BEDDING MATERIAL

CLAMP TO BE GALVANIZED W/ RUBBER GASKET

3/4" GALVANIZED ROD, THREADED 6" ANGLE BEND AT SUBMERGED END

12" MIN

18" MIN

PIPE ANCHOR DETAILS

EXISTING GROUND

EXISTING STORM

EXISTING GAS

149 LF OF 8" PVC PIPE @ 0.60%

180 LF OF 8" PVC PIPE @ 0.99%

MANHOLE #29
STA 6+28
TOP RIM ELEV. = 156.27'
INV. IN ELEV. = 143.47' (WEST)
INV. OUT ELEV. = 142.19'
INV. IN ELEV. = 142.27' (NORTH)

MANHOLE #28
STA 4+48
TOP RIM ELEV. = 153.91'
INV. IN ELEV. = 140.31'
INV. OUT ELEV. = 140.15 @ 26.94%

71 LF OF 8" PVC PIPE

END OF LATERAL "C"
EXISTING MANHOLE #94
STA 7+72
TOP RIM ELEV. = 156.56'
INV. IN ELEV. = EXISTING
INV. OUT ELEV. = 143.14'

MANHOLE #27
STA 3+77
TOP RIM ELEV. = 123.76'
INV. IN ELEV. = 121.31'
INV. OUT ELEV. = 120.96'

INSTALL PIPE ANCHORS @ STA 3+93 AND STA 4+13 (SEE DETAIL)

110 LF 8" PVC @ 0.58%

EXISTING 75" x 5.5" STRUCTURAL MULTI-PLATE ARCH CATTLE CROSSING

MANHOLE #10
STA 0+16 = STA 31+11
TOP RIM ELEV. = 121.50'
INV. IN ELEV. = 115.60'
INV. OUT ELEV. = 115.35

MANHOLE #9
STA 29+90
TOP RIM ELEV. = 121.79'
NORTH INV. ELEV. = 114.86'
NORTHEAST INV. ELEV. = 115.19'
INV. OUT ELEV. = 114.86'

EXISTING GROUND

MANHOLE #26
STA 2+67
TOP RIM ELEV. = 123.46'
INV. IN ELEV. = 120.32'
INV. OUT ELEV. = 116.38'

251 LF OF 8" PVC PIPE @ 0.35%

121 LF OF 8" PVC PIPE @ 0.41%

LATERAL "C"

MATCH SHEET 6

160 155 150 145 140 135 130 125 120 115 110

8 7 6 5 4 3 2 1 0

1 ADDED PIPE ANCHOR LOCATIONS AND DETAIL WITNESS T.A.A.

DESIGNED H. MOORE DATE 2/24/88
DRAWN I. JOHNS DATE 4/14/88
CHECKED R. DEROUE DATE 6/10/88
SCALE-HORIZONTAL: 1"=50'
-VERTICAL: 1"=5'
JOB NUMBER #5927
FIELD BOOK ARC 29
COUNTY SNOHOMISH

by Cascade Surveying & Engineering, Inc.
P O BOX 328
ARLINGTON, WA
435-5551
652-7572

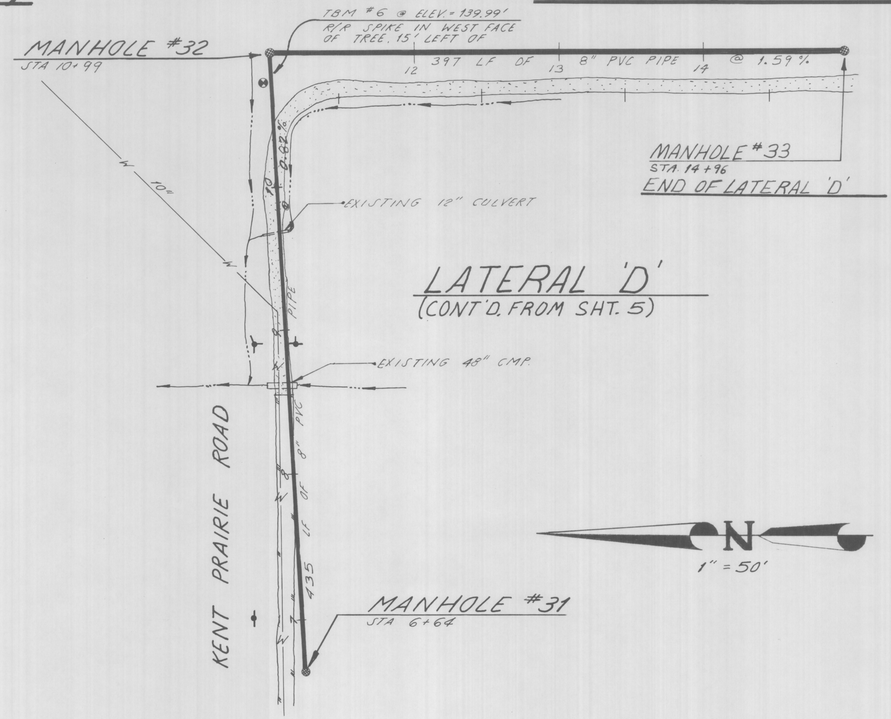
for CITY OF ARLINGTON
L.I.D. #20
LATERAL "C" & EXISTING LIFT STA.

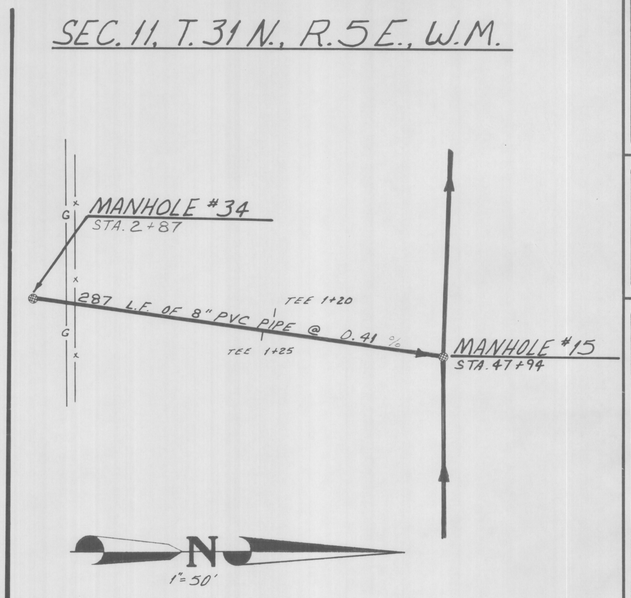
AS-BUILTS

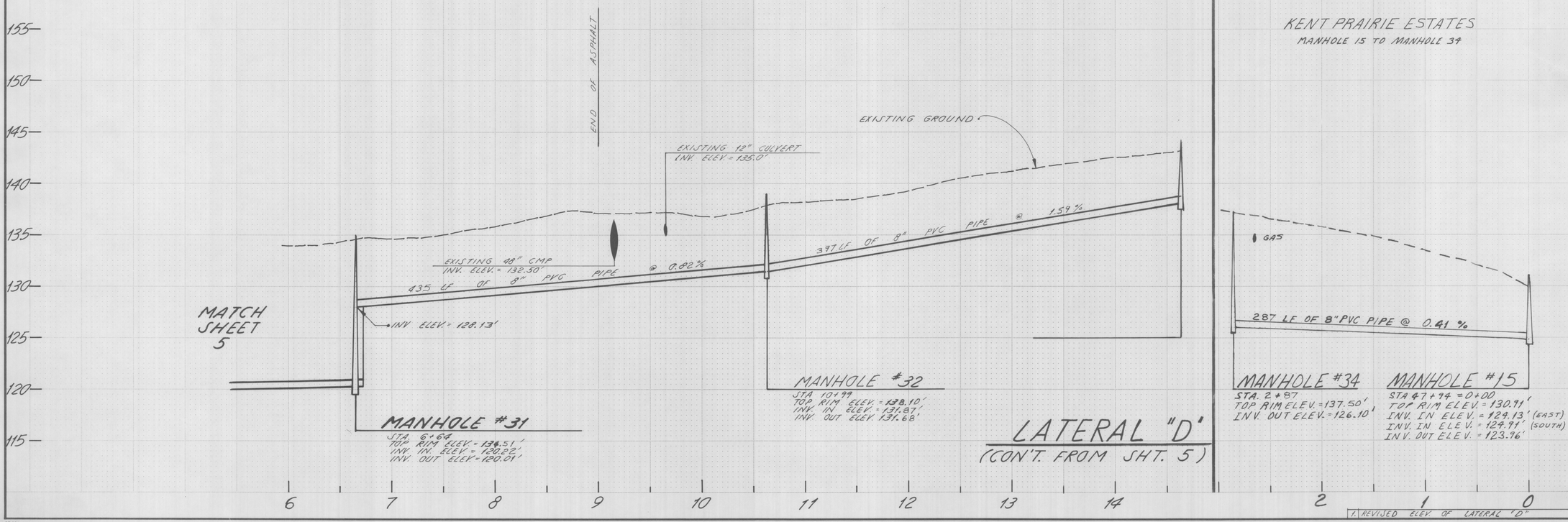
11 OF 14
#5927

SEC. 11,

SEC. 14, T. 31 N., R. 5 E., W.M.







1. REVISED ELEV. OF LATERAL "D" 12/13/88 T.A.A.

DESIGNED A. MOORE DATE 4/23/88
DRAWN T. ADKINS DATE 4/12/88
CHECKED R. DIEHL DATE 6/10/88
SCALE - HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'
JOB NUMBER ARC 28
FIELD BOOK #5927
COUNTY SNOHOMISH

Cascade Surveying & Engineering, Inc.
P.O. BOX 326
ARLINGTON, WA
by 435-5551 652-7572

for CITY OF ARLINGTON
L.I.D. #20
LATERAL "D" (CON'T. FROM SHT. 5)

AS-BUILT'S

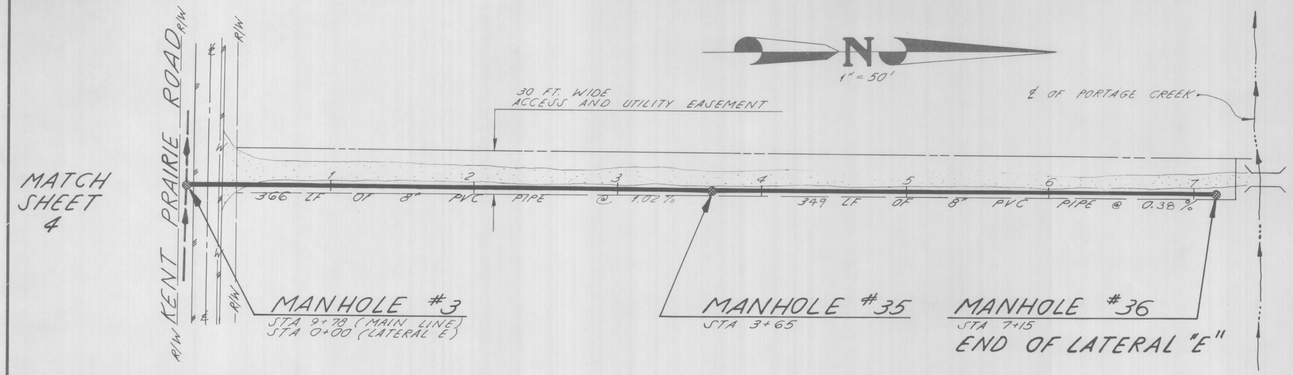
12 OF 14

#5927

SR 864

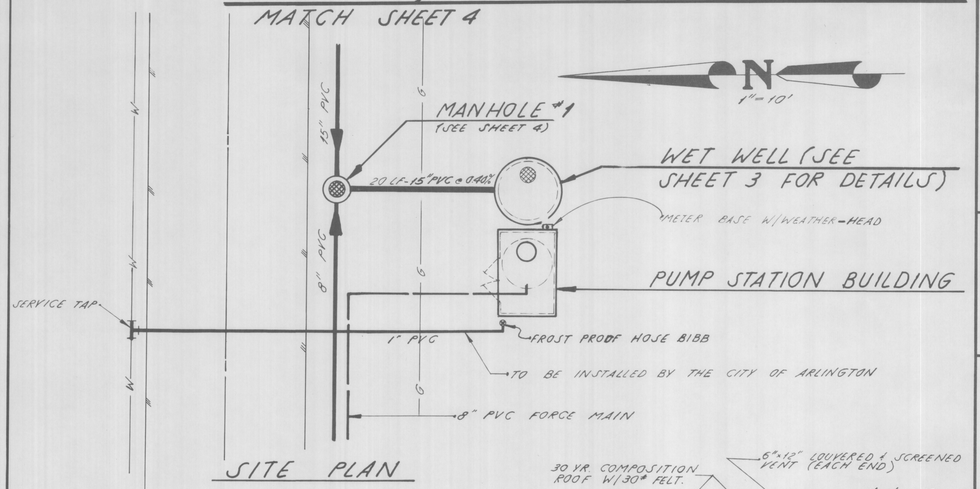
SEC. 14,

SEC. 11, T. 31 N., R. 5 E., W.M.



LATERAL "E"

SEC 14, T. 31 N., R. 5 E., W.M.



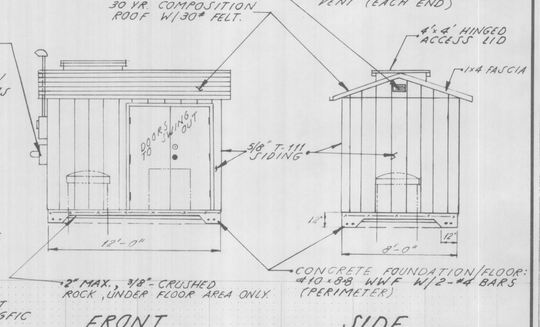
SITE PLAN

MATCH SHEET 4

AUDIO AND VISUAL ALARM LOCATION

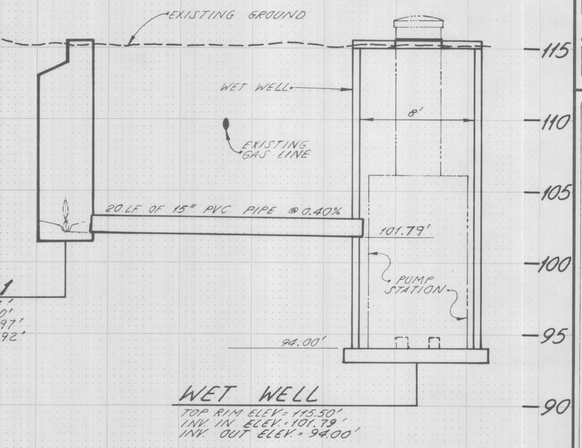
NOTES:

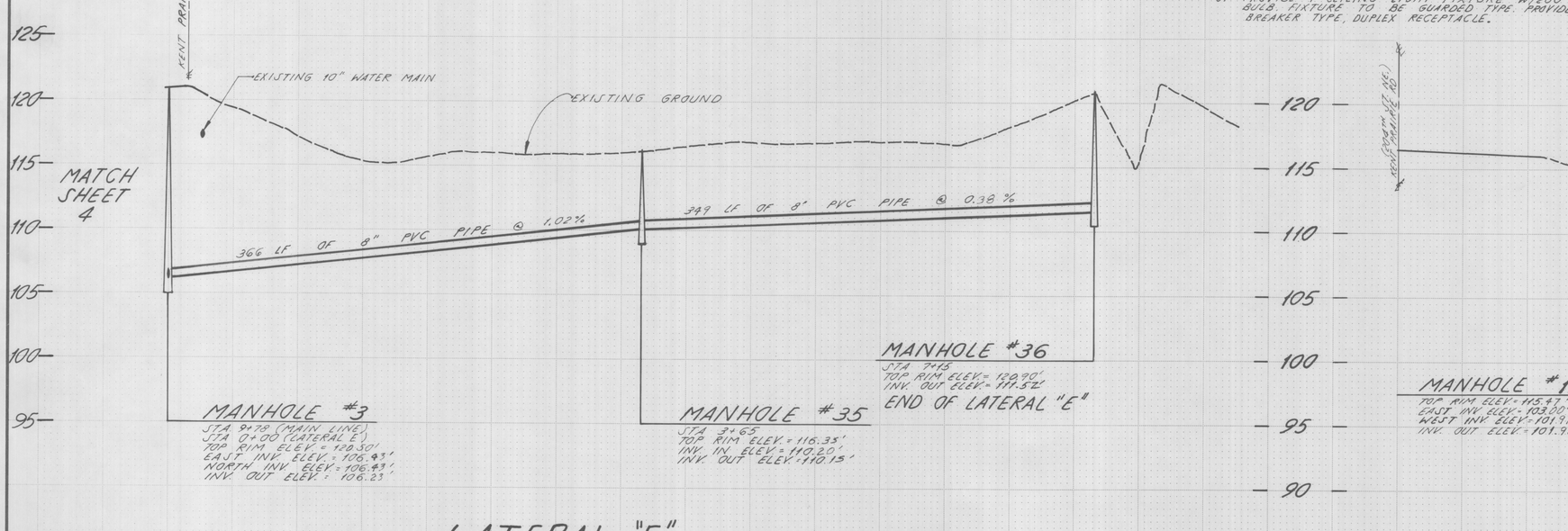
1. 8'×12' BUILDING: WOOD FRAME CONSTRUCTION W/ 8' HIGH WALLS, CONSTRUCTED AS PER THESE DRAWINGS, THE CITY OF ARLINGTON, AND THE U.B.C.
2. WALLS: 2×4 STUDS @ 16" OC, W/ P.T. SOLE PLATE, AND DOUBLE TOP PLATE, W/ 7/8" EXTERIOR T-111 SIDING.
3. ROOF: 2×6 RAFTERS W/ PLUMB CUT, 12" TAILS @ 24" OC, COVERED W/ 5/8" CDX PLYWOOD, 30# FELT AND 30 YR 3 TAB COMPOSITION ROOFING
4. PAINTING: 1 COAT OF PRIMER 2 COATS OF LIGHT GRAY EXTERIOR PAINT.
5. CONCRETE FLOOR: 8'×12'×4" THICK W/12"×12" THICKENED EDGE AS PER THIS DRAWING. FINISH FLOOR TO BE 10.5" ABOVE EXISTING GROUND.
6. PROVIDE 1 CEILING LIGHT FIXTURE W/200 WATT BULB. FIXTURE TO BE GUARDED TYPE. PROVIDE 1 GFIC BREAKER TYPE, DUPLEX RECEPTACLE.



PUMP STATION BUILDING

3/16" = 1'-0"





LATERAL "E"

HORIZONTAL: 1"=50'
VERTICAL: 1"=5'

1 REVISED PIPE SIZE, ADDED AUDIO/VISUAL ALARM 8/17/88 T.A.A.

DESIGNED M. MOORE DATE 2/20/88
DRAWN T. ADKINS DATE 4/13/88
CHECKED R. DEVORE DATE 6/10/88
SCALE-HORIZONTAL: 1"=50' SHOWN
VERTICAL: 1"=5'
JOB NUMBER #5927
FIELD BOOK ARLG 69
COUNTY SNOHOMISH

Surveying & Engineering, Inc.
P.O. BOX 326
ARLINGTON, WA
by Cascade Surveying
435-5551
652-7572

for CITY OF ARLINGTON
L.I.D. #20
LATERAL "E"
WET WELL & PUMP STATION W/BUILDING

AS-BUILTS

13 OF 14

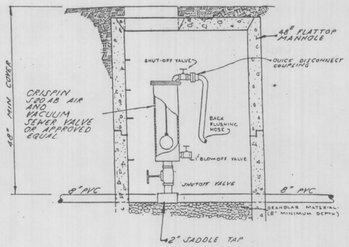
#5927

SEC. 11, T. 31 N., R. 5 E., W.M.

SEC. 14,

MATCH SHEET 4

N
1"=50'



AIR AND VACUUM VALVE DETAIL
N.T.S.

MANHOLE #39
STA 4+74

MANHOLE #38
STA. 4+07

93 LF OF 8" PVC PIPE @ 1.24%

MANHOLE #40
STA 5+50

50 LF OF 8" PVC PIPE @ 0.40% W/ CAPPED END W/ 2"Ø RT PAINTED WHITE WITH DEPTH MARKED
END OF LATERAL "F"

AIR AND VACUUM VALVE (SEE DETAIL)

EXISTING CULVERT

KENT PRAIRIE RD. (204TH ST. NE.)

RAILROAD SURVEY STA 3110+70 = STA 7+62

50 LF OF 16" STEEL CASING

R/W

BURLINGTON NORTHERN RAILROAD

8" PVC FORCE MAIN (SEE SHEET 3 FOR TRENCH DETAILS)

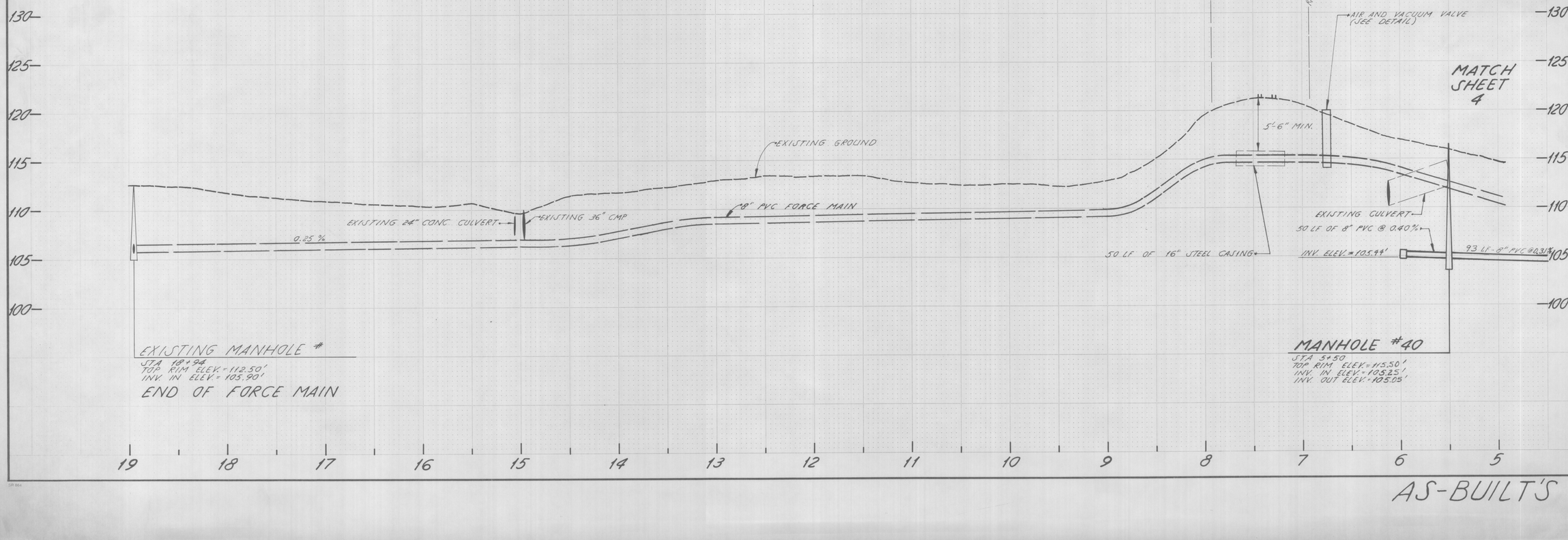
EXISTING MANHOLE #
STA 18+94
END OF FORCE MAIN

2-EXISTING 24" CONC. CULVERT

EXISTING 36" CMP

℄ OF PORTAGE CREEK

69TH AVENUE NE.



DESIGNED H. NOBLE DATE 3/10/88
DRAWN T. ADKINS DATE 6/21/88
CHECKED R. DEFOE DATE 6/10/88
SCALE-HORIZONTAL: 1"=50'
-VERTICAL: 1"=5'
JOB NUMBER ARC 28
FIELD BOOK #5927
COUNTY SNOHOMISH

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P.O. BOX 326
ARLINGTON, WA
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652-7572

for CITY OF ARLINGTON
L.I.D. #20
FORCE MAIN @ STA 5+00 TO 18+94
LATERAL "F" @ STA 5+00 TO END

AS-BUILT'S 14 OF 14

#5927