

CITY OF ARLINGTON AIRPORT BOULEVARD ROAD IMPROVEMENTS - PHASE 1B

PROJECT NO. PWD 20080101
FEDERAL AID NO. _____



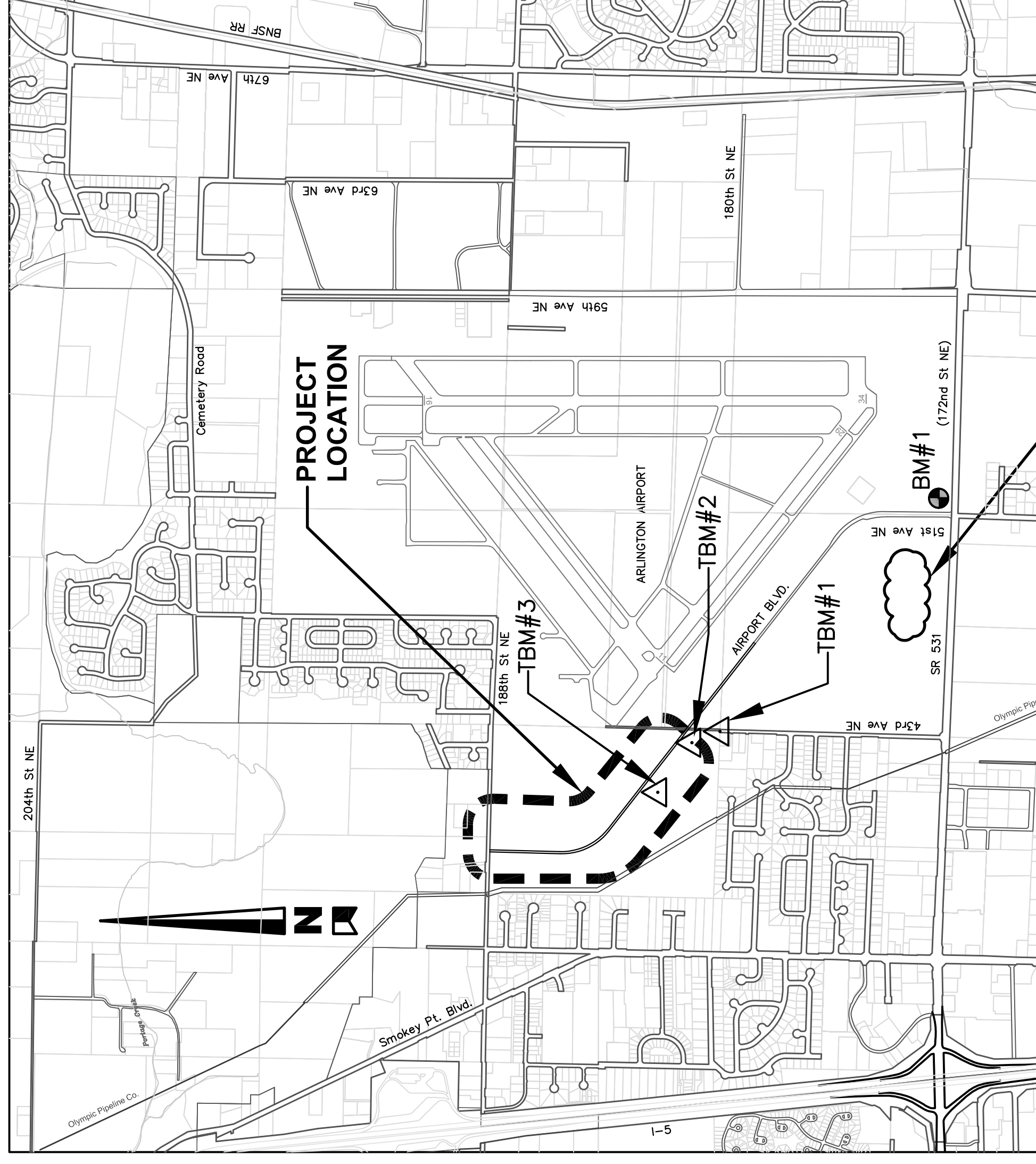
City of Arlington Officials

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COUNCIL MEMBERS
STEVE BAKER
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SCOTT SOLLA
SALLY LIEN
MARILYN OERTLE
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LINDA BYRNES

DIRECTOR OF PUBLIC WORKS
JAMES KELLY, P.E.

SEC 21 T31N R5E WM



SURPLUS ROADWAY
EXCAVATION
WASTE SITE

VICINITY MAP
N.T.S.

AECOM

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T 206.674.4200

10500 NE 8th Street, Suite 750
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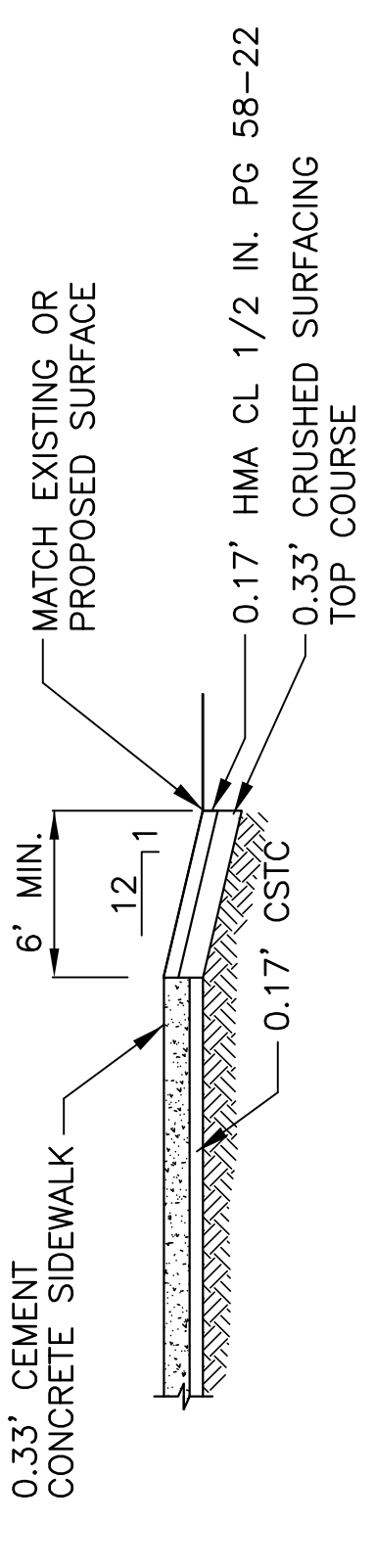
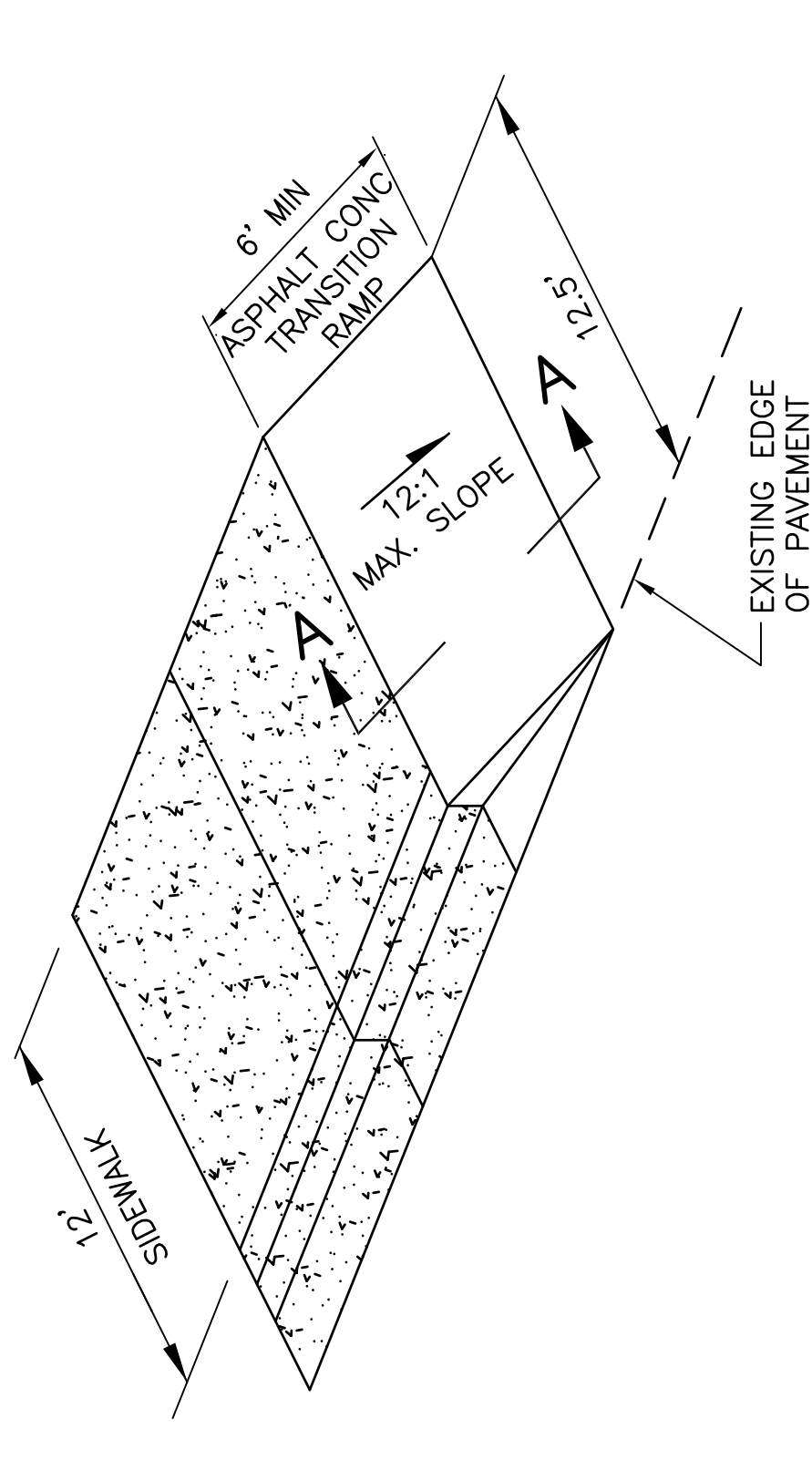
Last Saved By: nonasm Apr 22, 2010 - 3:08pm

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PLAN AND PROFILE - STA 65+00 TO STA 73+00		PP2
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APPROVED FOR CONSTRUCTION

JAMES KELLY, PE
PUBLIC WORKS DIRECTOR

DATE APPROVED

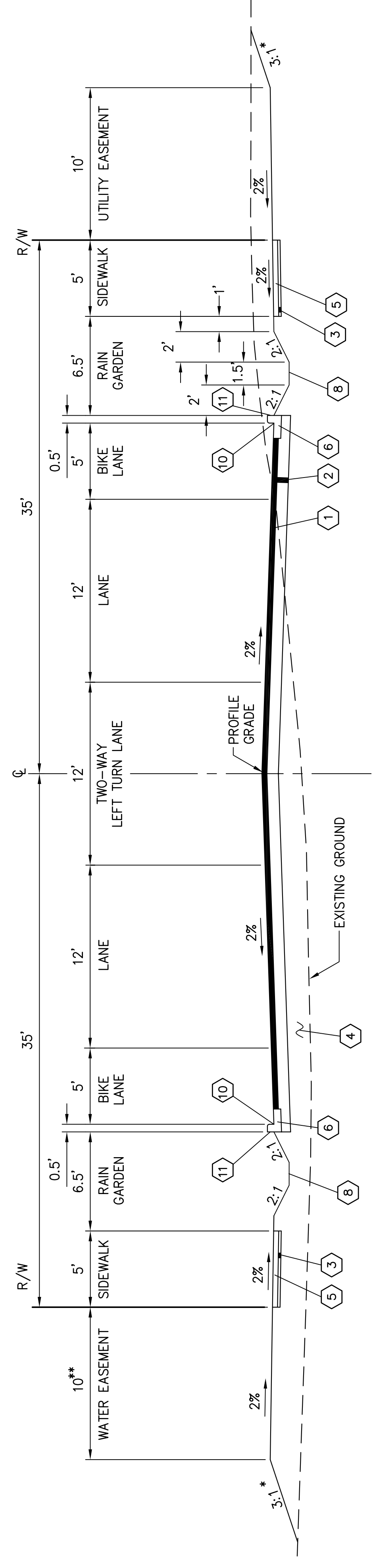


SECTION A-A

ASPHALT RAMP DETAIL
N.T.S.

PLAN LEGEND

- | EXISTING | PROPOSED |
|--------------------------------|----------------------------|
| ● FOUND REBAR AS NOTED | ○ BENCH MARK |
| ○ TEMPORARY BENCH MARK | △ SUPPORT POLE |
| ○ GATE POST | □ WATER VALVE |
| ○ SIGN POST | ○ SEWER MANHOLE |
| ○ POWER POLE | ○ GUY ANCHOR |
| ○ BLOWOFF | ○ FIRE HYDRANT |
| ○ BOLLARD | ○ WATER METER |
| ○ FENCE LINE | ○ GAS LINE |
| ○ POWER LINE | ○ POWER LINE (UNDERGROUND) |
| ○ SEWER LINE | ○ SIDE SEWER |
| ○ STORM DRAIN LINE | ○ TELEPHONE LINE |
| ○ TELEPHONE LINE (UNDERGROUND) | ○ WATER LINE |
| ○ SANITARY SEWER FORCE MAIN | ○ CONSTRUCTION CENTERLINE |
| ○ CURB AND GUTTER | ○ SIDEWALK |



AIRPORT BOULEVARD ROADWAY SECTION A

N.T.S.

STA 53+83.25 TO STA 75+50
STA 77+00 TO STA 79+00
STA 80+42 TO STA 83+51.40

- * STA 53+83.25 TO STA 78+50 LT & RT = 3:1
- STA 78+50 TO STA 79+00 LT & RT VARIES 3:1 TO 6:1
- STA 80+42 TO STA 83+51.40 LT & RT = 6:1
- ** STA 53+83.25 TO STA 70+25, LT = 10' UTILITY EASEMENT
- STA 70+25 TO STA 75+50, LT = 1' FOR SLOPE ROUNDING
- STA 77+00 TO STA 79+00, LT = 1' FOR SLOPE ROUNDING
- STA 80+42 TO STA 83+51.40, LT = 1' FOR SLOPE ROUNDING

ROADWAY SECTION LEGEND

- ① 0.33' HMA CL. 1/2 IN. PG 64-22 (2 LIFTS)
- ② CEMENT CONC. TRAFFIC CURB AND GUTTER. SEE WSDOT STANDARD PLAN F-10.12-00
- ③ 0.75' CRUSHED SURFACING BASE COURSE
- ④ 0.17' CRUSHED SURFACING TOP COURSE
- ⑤ SELECT EXCAVATED MATERIAL
- ⑥ CEMENT CONC. SIDEWALK - 4" DEPTH. SEE WSDOT STANDARD PLAN F-30.10-00
- ⑦ RAIN GARDEN, SEE DETAILS ON PHASE 1A SHEET C5.0
- ⑧ TOPSOIL TYPE "B", FUTURE LANDSCAPING BY THE CITY OF ARLINGTON.
- ⑨ FOR RAIN GARDEN CURB CUT LOCATIONS. SEE TABLE, SHEETS PP1 - PP3.
- ⑩ BACK OF CURB TO BE FINISHED

PROJECT CONTROL

BASIS OF BEARING

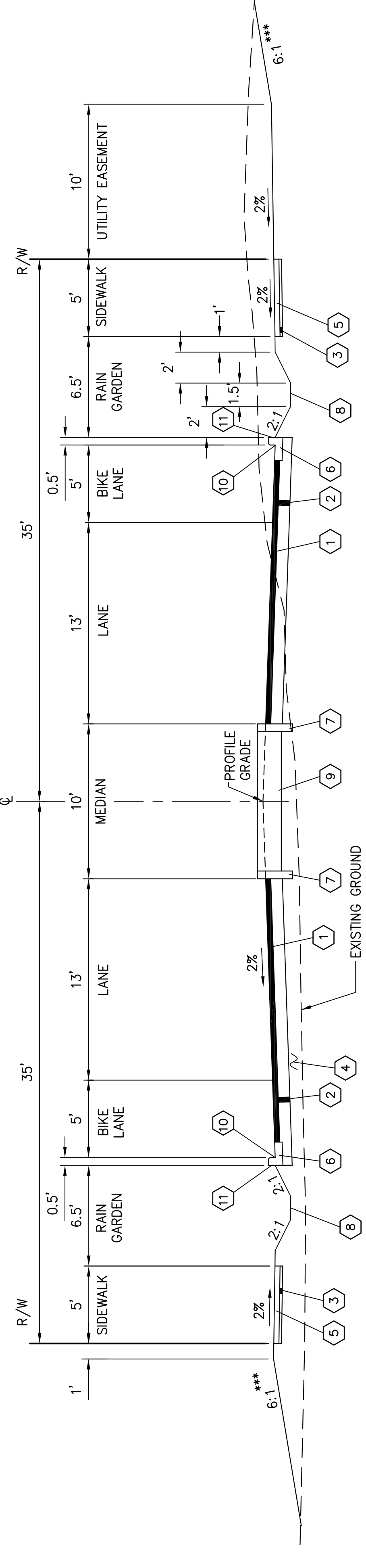
NAD 83/91, WASHINGTON STATE PLANE COORDINATE SYSTEM, NORTH ZONE PER WASHINGTON COUNCIL OF COUNTY SURVEYORS SURVEY CONTROL DATABASE

BM #1: WASHINGTON COUNCIL OF COUNTY SURVEYORS SURVEY CONTROL DATABASE PT ID: 3723. 3" BRASS DISK IN CONC SIDEWALK MKD "WSDOT SURVEY MONUMENT 1998 GP31531-162". NE QUAD OF INTX OF 172ND ST & 51ST AVE. ELEV=125.07' (NAVD88)

TBM #1: CONCRETE MONUMENT WITH LEAD AND TACK IN CENTERLINE OF 43RD AVE. 18.5' N OF NORTH END OF PAVEMENT UNDER CHAIN LINK GATE ELEV=128.48

TBM #2: SET 1" IRON PIPE W/RED CAP MKD "H&I CONTROL". 1' W OF W EDGE OF N-S GRAVEL PATH, APPROX. 350' N TBM #1. STA 53+22.78, 27.20' LT.

TBM #3: SET REBAR W/RED CAP MKD "H&I CONTROL". 6.5' SW OF CENTER OF EXISTING TRAIL, 28.3' FROM 18" FIR, 29.2' FROM 10" FIR, AND APPROX. 675' NW OF TBM#1. STA 59+95.83, 26.35' LT.



AIRPORT BOULEVARD ROADWAY SECTION B

N.T.S.

STA 75+50 TO STA 77+00
STA 79+00 TO STA 80+42

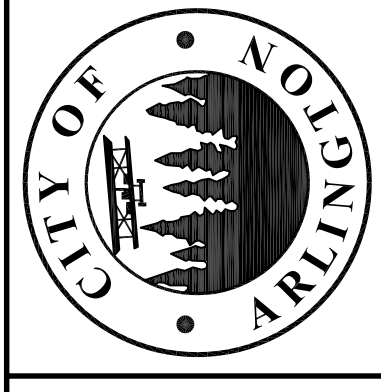
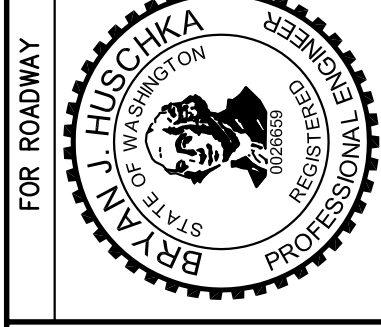
- *** STA 75+50 TO STA 77+00, LT & RT = 3:1
- STA 79+00 TO STA 80+42, LT & RT = 6:1

PLAN CHECK	BY	DATE
DESIGNED BY:	BUH & DLM	
REVISION	BY	DATE

APPROVED FOR CONSTRUCTION

JAMES KELLY, PE
PUBLIC WORKS DIRECTOR

DATE APPROVED:



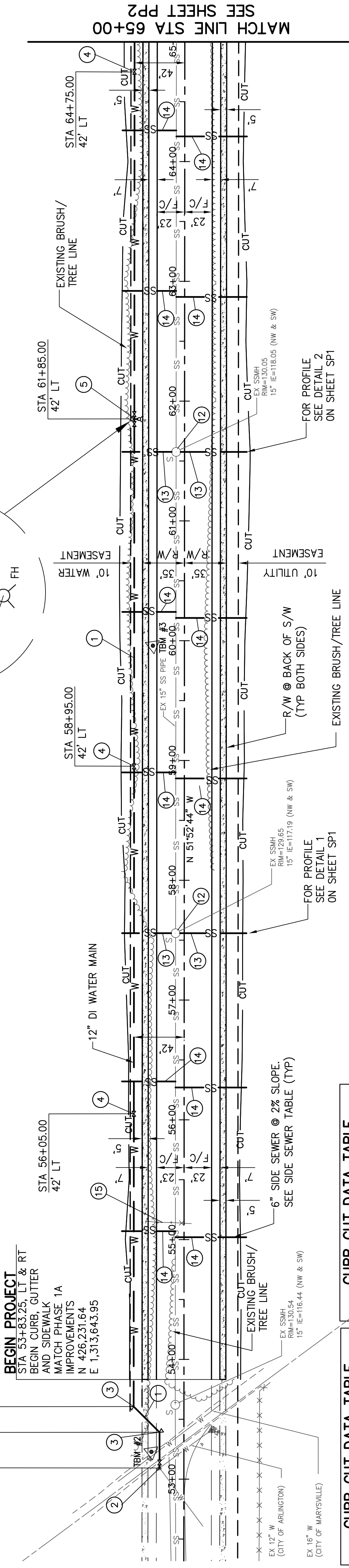
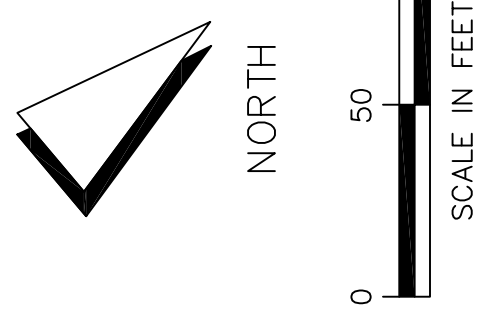
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Seattle, WA 98104

REFERENCE SHEET NO.	RS1
SHEET OF	
SHEETS	

CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS
ROADWAY SECTIONS
AND LEGEND

1. INSTALL DUCTILE IRON PIPE FOR WATER MAIN 12 IN. DIAM.
2. CONNECT 12" WATER MAIN TO EXISTING 12" WATER. SEE DETAIL 1, SHEET WPI.
3. INSTALL 12" 45° BEND. INSTALL THRUST BLOCK PER CITY STANDARD DETAIL W-160.
4. INSTALL 12" GATE VALVE AND VALVE BOX PER CITY STANDARD DETAIL W-190.
5. INSTALL 12" FLANGED TEE WITH 2-12" GATE VALVES FLXMJ (NW & SE) 1-6" GATE VALVE AND VALVE BOX PER CITY STANDARD DETAIL W-190. INSTALL THRUST BLOCK PER CITY STANDARD DETAIL W-160. INSTALL FIRE HYDRANT ASSEMBLY PER CITY STANDARD DETAIL W-010 AND FIRE HYDRANT MARKER PER CITY STANDARD DETAIL W-015.
12. ADJUST SANITARY SEWER MANHOLE TO GRADE. SEE SHEET SPT FOR RIM ELEVATIONS.
13. INSTALL 8" SANITARY SEWER PIPE 8 IN. DIAM. CONNECT 8" SANITARY SEWER LINE TO EXISTING MANHOLE. INSTALL TEMPORARY PLUG AT END OF LINE AND PROVIDE SURFACE MARKER PER CITY STANDARD DETAIL SS-090. SEE SHEET SPT FOR PROFILES.
14. INSTALL 6" SIDE SEWER STUB PER CITY STANDARD DETAIL SS-090. CONNECT 6" SIDE SEWER TO EXISTING 15" SANITARY SEWER PER CITY STANDARD DETAIL SS-100.
15. STA 55+13.5, 32' LT. TO 6" RT. REMOVE 28 LF OF BARB WIRE FENCE AND RELOCATE 1 EA - CHAIN LINK GATE (10' WIDE BY 6' HIGH) TO STA 71+00, LT. AS DIRECTED BY THE ENGINEER.



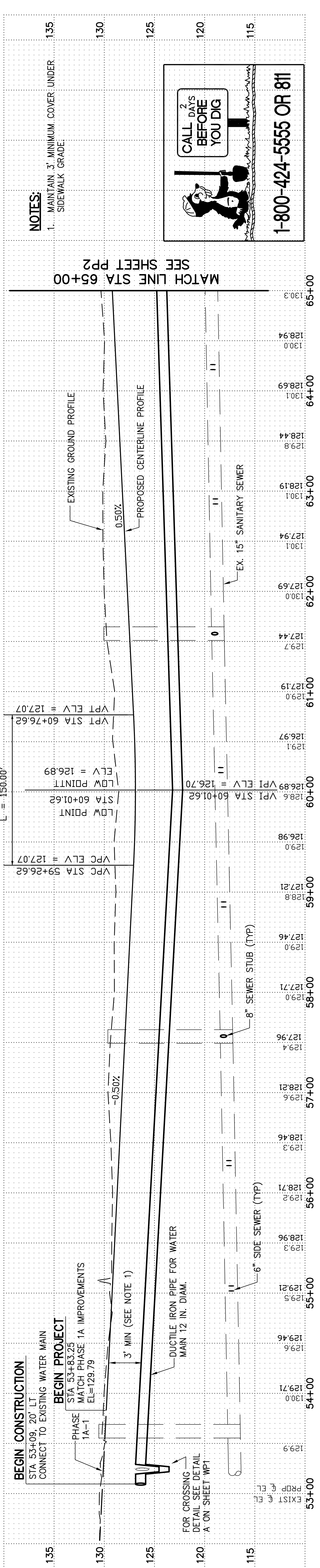
CURB CUT DATA TABLE

STA (LT & RT)	STA (LT & RT)
54+00	59+00
54+50	59+50
55+00	60+01.62
55+50	60+50
56+00	61+00
56+50	61+50
57+00	62+00
57+50	62+50
58+00	63+00
58+50	64+00
64+50	65+00

SIDE SEWER DATA TABLE

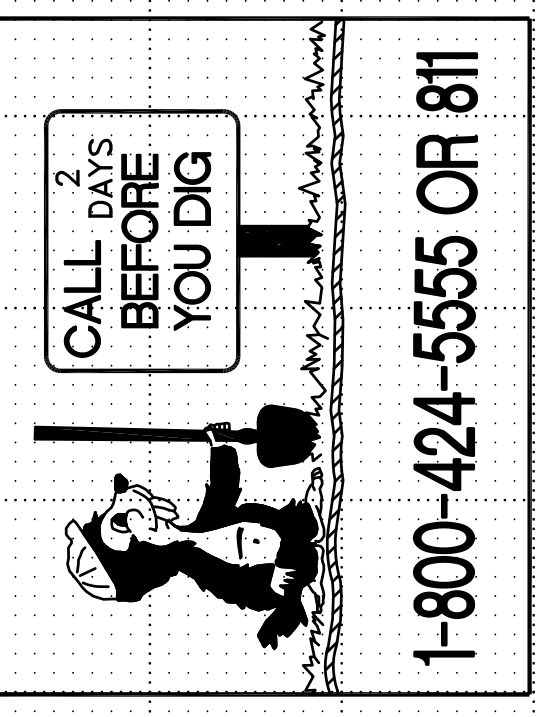
STA.	OFFSET	IE	STA.	OFFSET	IE
55+02	52' RT	118.26	60+19	52' RT	119.30
55+07	52' LT	117.99	60+24	52' LT	119.03
56+27	52' RT	118.50	62+87	52' RT	119.84
56+32	52' LT	118.23	62+92	52' LT	119.57
58+85	52' RT	119.02	64+21	52' RT	120.09
58+90	52' RT	118.75	64+26	52' RT	119.82

AIRPORT BOULEVARD



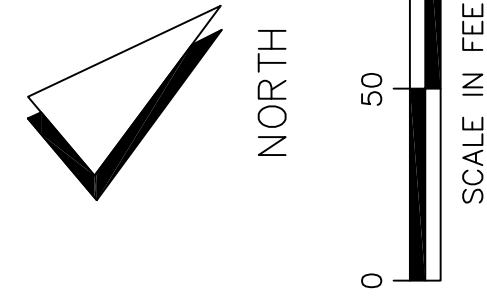
NOTES:

1. MAINTAIN 3" MINIMUM COVER UNDER SIDEWALK GRADE.

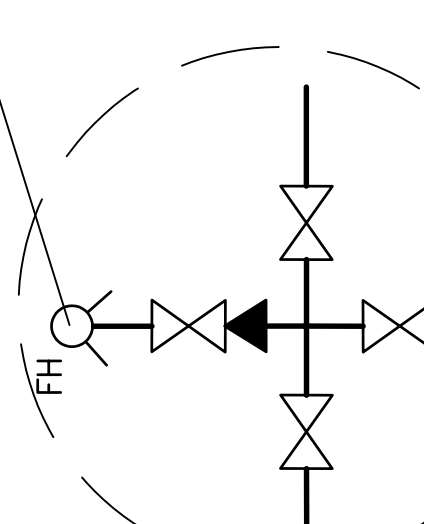


PLAN CHECK	BY	DATE	REVISION	DRAWN BY:	BY
				BUH & DLM	MPN
APPROVED FOR CONSTRUCTION					
<p>AECOM</p> <p>701 Fifth Avenue, Suite 1100 Seattle, WA 98104 T: 206.674.4200 WWW.AECOM.COM</p>					
<p>CITY OF ARLINGTON</p> <p>AIRPORT BOULEVARD ROAD IMPROVEMENTS</p> <p>PLAN AND PROFILE</p> <p>STA 53+83.25 TO STA 65+00</p>					
REFERENCE SHEET NO.				PP1	
SHEET				OF	
SHEETS				OF	

SEC 21 T31N R5E WM



BEGIN WATER MAIN STATIONING
WATER MAIN STATION 100+00.00, 0' LT=
ROADWAY STATIONING 68+93.15, 42' LT

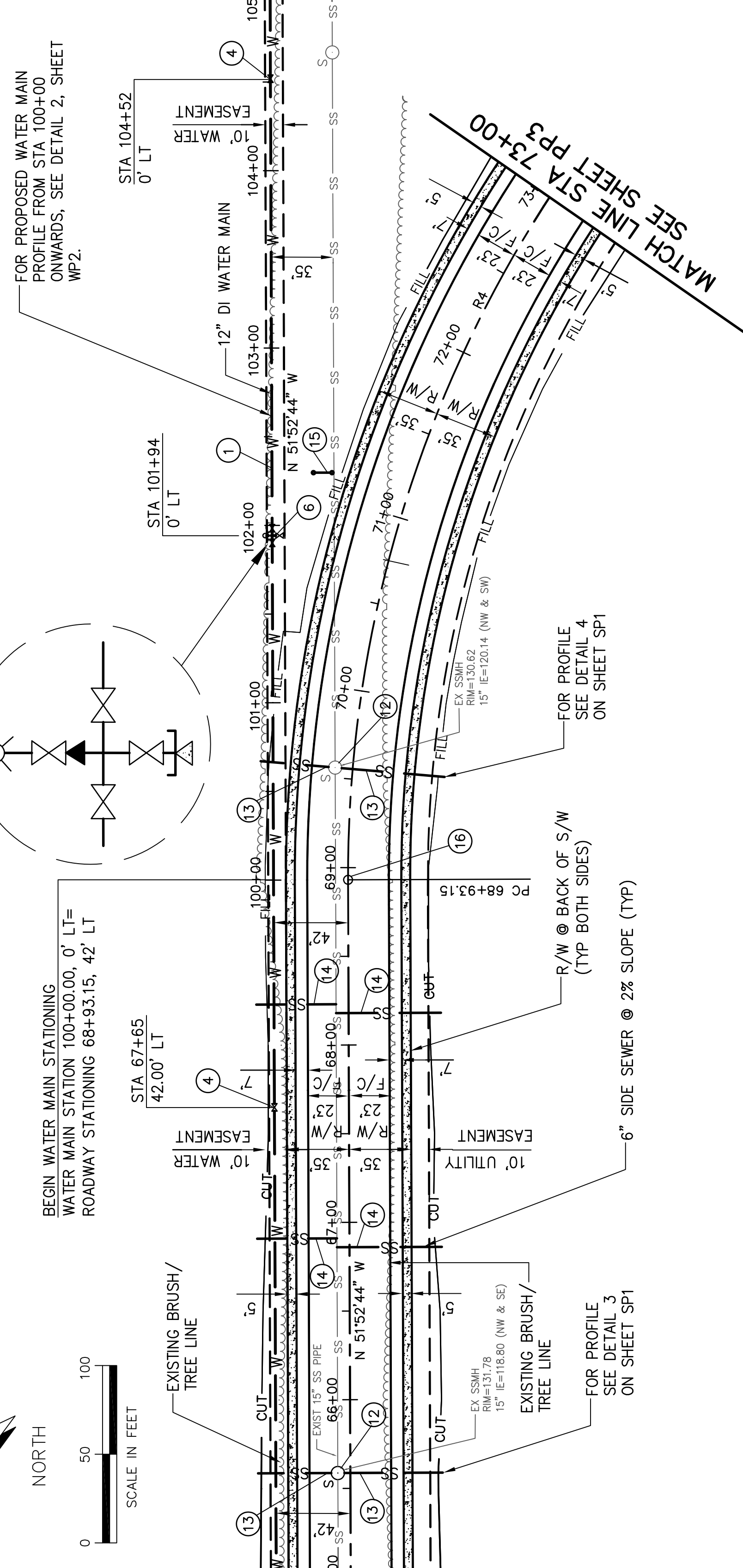


FOR PROPOSED WATER MAIN
PROFILE FROM STA 100+00
ONWARDS, SEE DETAIL 2, SHEET
WP2.

MATCH LINE STA 65+00
SEE SHEET PP1

MATCH LINE STA 73+00
SEE SHEET PP3

MATCH LINE STA 105+00
SEE SHEET PP3



STA (LT & RT)
65+00
65+50
66+00
66+50
67+00
67+50
68+00
68+50
69+00
69+50
70+00
70+50
71+00
71+50
72+00
72+50
73+00

- CONSTRUCTION NOTES**
- INSTALL DUCTILE IRON PIPE FOR WATER MAIN 12 IN. DIAM.
 - INSTALL 12" GATE VALVE MAXIMUM AND VALVE BOX PER CITY STANDARD DETAIL W-190.
 - INSTALL 12" FLANGED CROSS WITH 3-12" GATE VALVES FLX MJ (NW, NE & SE) 1-12"x6" REDUCER FLxFL 1-6" GATE VALVE FLX MJ AND VALVE BOX PER CITY STANDARD DETAIL W-190. INSTALL 1-12" PLUG MJ (NE) INSTALL FIRE HYDRANT ASSEMBLY (SW) PER CITY STANDARD DETAIL W-010 WITH FIRE HYDRANT CONCRETE PAD PER CITY STANDARD DETAIL W-020.
 - ADJUST SANITARY SEWER MANHOLE TO GRADE. SEE SHEET SP1 FOR RM ELEVATIONS.
 - INSTALL PVC SANITARY SEWER PIPE 8 IN. DIAM. CONNECT 8" SANITARY SEWER LINE TO EXISTING MANHOLE. INSTALL TEMPORARY PLUG AT END OF LINE AND PROVIDE SURFACE MARKER PER CITY OF ARLINGTON STANDARD DETAIL SS-090. SEE SHEET SP1 FOR PROFILES.
 - INSTALL 6" SIDE SEWER STUB PER CITY STANDARD DETAIL SS-090. CONNECT 6" SIDE SEWER TO EXISTING 15" SANITARY SEWER PER DETAIL SS-100.
 - STA 71+00. LT. RELOCATED CHAIN LINK GATE (10' WIDE x 6' HIGH) & END POSTS FROM STA 55+13.5, LT (SHT PPI). EXACT LOCATION TO BE DETERMINED BY ENGINEER.
 - INSTALL MONUMENT CASE AND COVER PER CITY STANDARD DETAIL R-130. STA 68+93.15, 0' LT.

CURVE TABLE

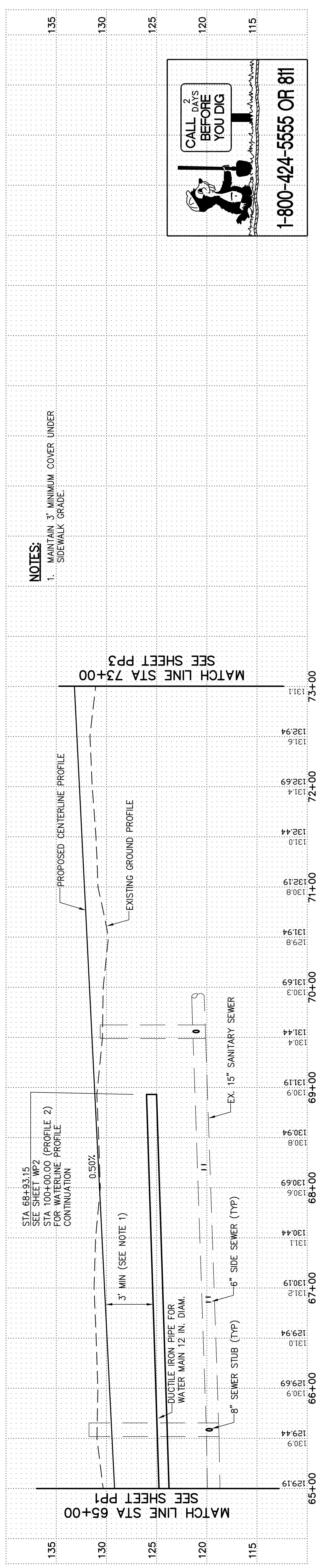
NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH
R4*	53°12'49"	350.64'	700.00'	650.13'

* NOTE:
PI STA 72+43.79
N 427,380.20
E 1,512,180.26

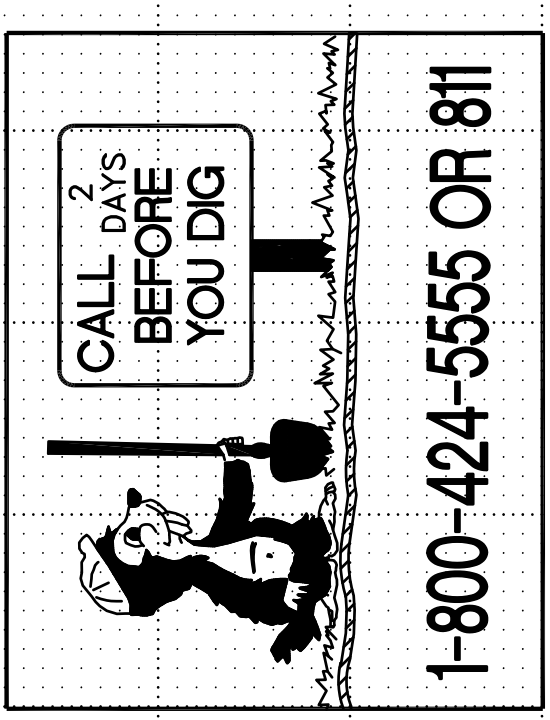
SIDE SEWER DATA TABLE

STA.	OFFSET	IE
66+86	52' RT	120.78
66+91	52' LT	120.52
66+18	52' RT	121.22
68+23	52' LT	120.96

AIRPORT BOULEVARD

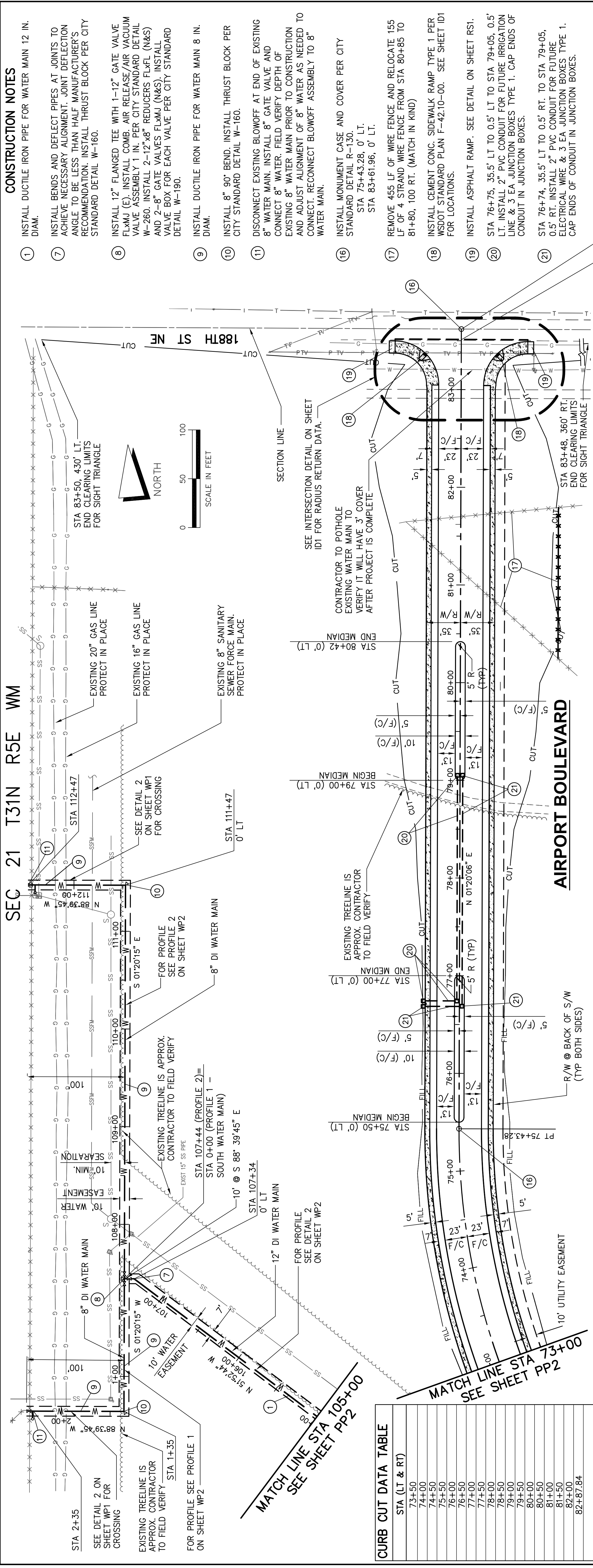


NOTES:
1. MAINTAIN 3" MINIMUM COVER UNDER SIDEWALK GRADE.



PLAN CHECK	BY	DATE	FOR DRAINAGE AND UTILITIES	FOR ROADWAY	APPROVED FOR CONSTRUCTION			CITY OF ARLINGTON AIRPORT BOULEVARD ROAD IMPROVEMENTS PLAN AND PROFILE STA 65+00 TO STA 73+00	REFERENCE SHEET NO.
					JAMES KELLY, PE PUBLIC WORKS DIRECTOR				DEBBIE L. ANN MARNOON REGISTERED PROFESSIONAL ENGINEER STATE OF WASHINGTON
	DATE	NO.	REVISION	BY	DATE	APPROVED:	701 First Avenue, Suite 1100 Bellevue, WA 98004 T: 206.674.4200 WWW.AECOM.COM	701 2nd Ave, Suite 1000 Seattle, WA 98104	
	DESIGNED BY:	BUH & DLM	DRAWN BY:	MPN					

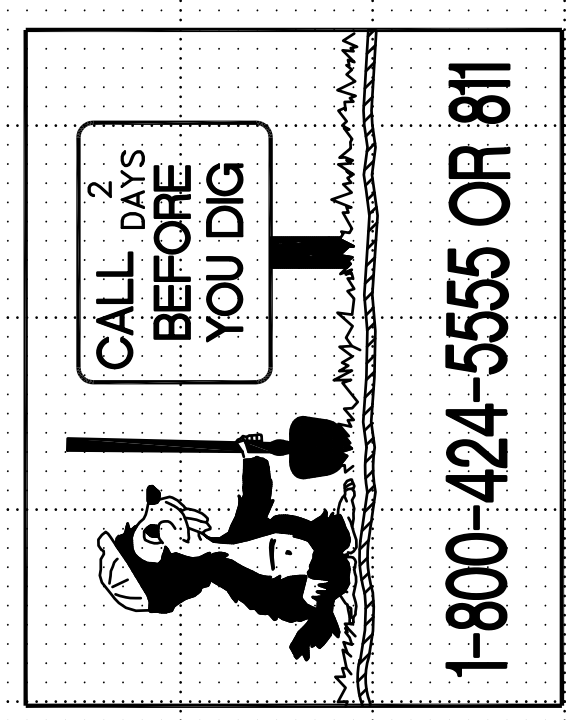
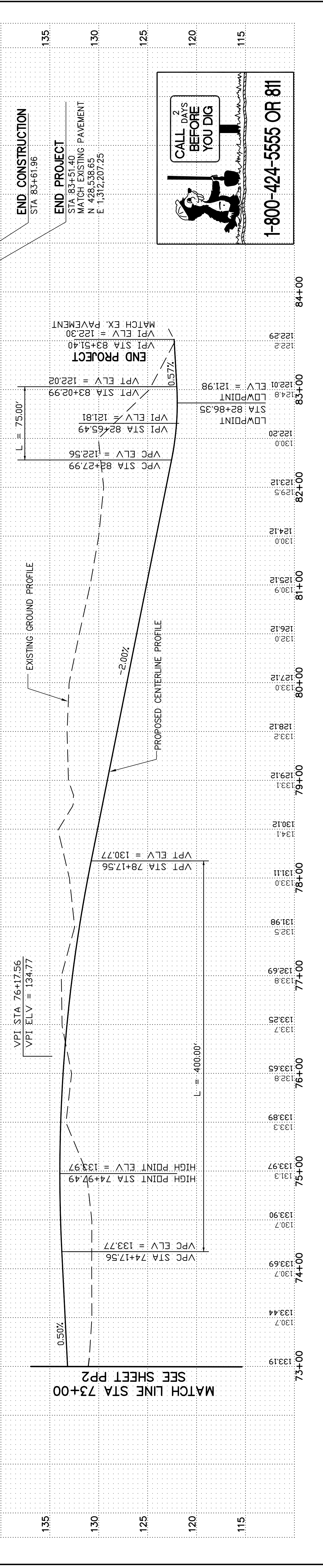
SEC 21 T31N R5E WM



- CONSTRUCTION NOTES**
- INSTALL DUCTILE IRON PIPE FOR WATER MAIN 12 IN. DIAM.
 - INSTALL BENDS AND DEFLECT PIPES AT JOINTS TO ACHIEVE NECESSARY ALIGNMENT. JOINT DEFLECTION ANGLE TO BE LESS THAN HALF MANUFACTURER'S RECOMMENDATION. INSTALL THRUST BLOCK PER CITY STANDARD DETAIL W-160.
 - INSTALL 12" FLANGED TEE WITH 1-12" GATE VALVE FLxMJ (E). INSTALL COMB. AIR RELEASE/AIR VACUUM VALVE ASSEMBLY 1 IN. PER CITY STANDARD DETAIL W-260. INSTALL 2-12"x8" REDUCERS FLxFL (N&S) AND 2-8" GATE VALVES FLxMJ (N&S). INSTALL VALVE BOX FOR EACH VALVE PER CITY STANDARD DETAIL W-190.
 - INSTALL DUCTILE IRON PIPE FOR WATER MAIN 8 IN. DIAM.
 - INSTALL 8" 90° BEND. INSTALL THRUST BLOCK PER CITY STANDARD DETAIL W-160.
 - DISCONNECT EXISTING BLOWOFF AT END OF EXISTING 8" WATER MAIN. INSTALL 8" GATE VALVE AND CONNECT 8" WATER. FIELD VERIFY DEPTH OF EXISTING 8" WATER MAIN PRIOR TO CONSTRUCTION AND ADJUST ALIGNMENT OF 8" WATER AS NEEDED TO CONNECT. RECONNECT BLOWOFF ASSEMBLY TO 8" WATER MAIN.
 - INSTALL MONUMENT CASE AND COVER PER CITY STANDARD DETAIL R-130.
STA 75+43.28, 0' LT.
STA 83+61.96, 0' LT.
 - REMOVE 455 LF OF WIRE FENCE AND RELOCATE 155 LF OF 4 STRAND WIRE FENCE FROM STA 80+85 TO 81+80, 100 RT. (MATCH IN KIND)
 - INSTALL CEMENT CONC. SIDEWALK RAMP TYPE 1 PER WSDOT STANDARD PLAN F-42.10-00. SEE SHEET ID1 FOR LOCATIONS.
 - INSTALL ASPHALT RAMP. SEE DETAIL ON SHEET RS1.
 - STA 76+75, 35.5' LT TO 0.5' LT TO STA 79+05, 0.5' LT. INSTALL 2" PVC CONDUIT FOR FUTURE IRRIGATION LINE & 3 EA JUNCTION BOXES TYPE 1. CAP ENDS OF CONDUIT IN JUNCTION BOXES.
 - STA 76+74, 35.5' LT TO 0.5' RT. TO STA 79+05, 0.5' RT. INSTALL 2" PVC CONDUIT FOR FUTURE ELECTRICAL WIRE & 3 EA JUNCTION BOXES TYPE 1. CAP ENDS OF CONDUIT IN JUNCTION BOXES.

CURB CUT DATA TABLE

STA (LT & RT)
73+50
74+00
74+50
75+00
75+50
76+00
76+50
77+00
77+50
78+00
78+50
79+00
79+50
80+00
81+00
81+50
82+00
82+87.84

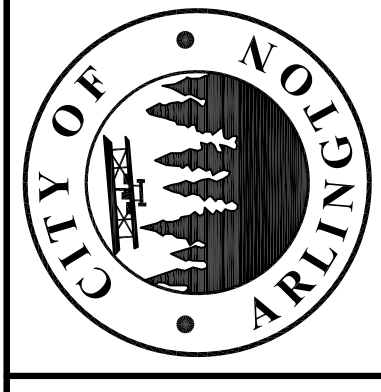


PLAN CHECK	BY	DATE	
APPROVED FOR CONSTRUCTION	JAMES KELLY, PE PUBLIC WORKS DIRECTOR DATE APPROVED: _____		
FOR DRAINAGE AND UTILITIES			
FOR ROADWAY			
CITY OF ARLINGTON AIRPORT BOULEVARD ROAD IMPROVEMENTS PLAN AND PROFILE STA 73+00 TO STA 83+51.40			
REFERENCE SHEET NO.	PP 3	SHEET OF	SHEETS

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 Bellevue, WA 98004

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APPROVED FOR CONSTRUCTION

JAMES KELLY, PE
 PUBLIC WORKS DIRECTOR

DATE APPROVED: _____

FOR DRAINAGE AND UTILITIES

FOR ROADWAY

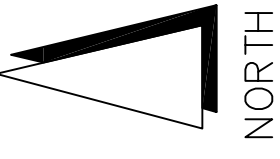
FOR DRAINAGE AND UTILITIES

FOR ROADWAY

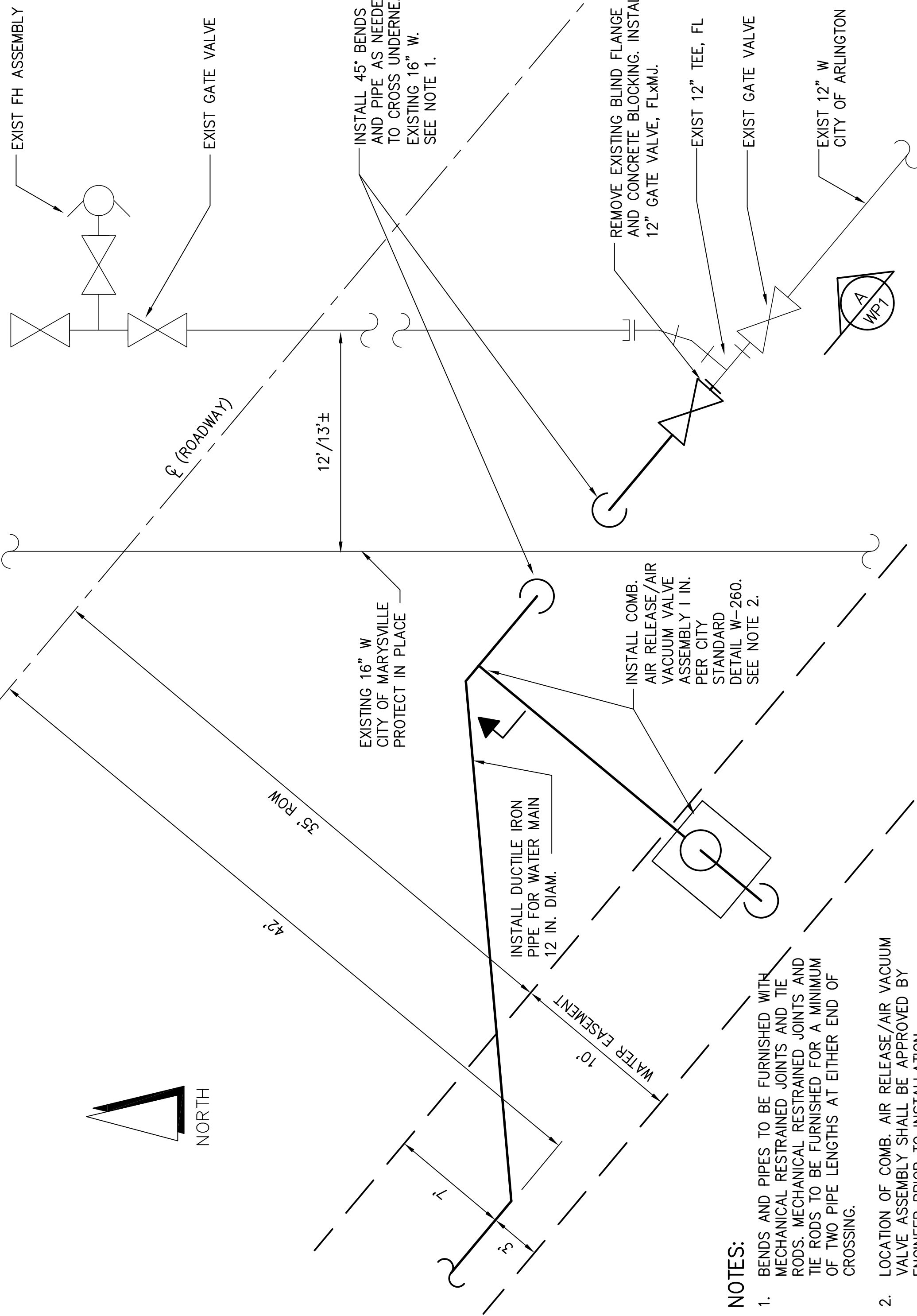
DATE	NO.	REVISION	BY

DESIGNED BY: BJH & DLM
 DRAWN BY: MPN

PLAN CHECK	BY	DATE



NORTH

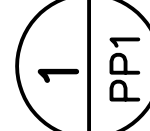


NOTES:

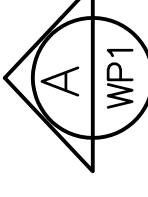
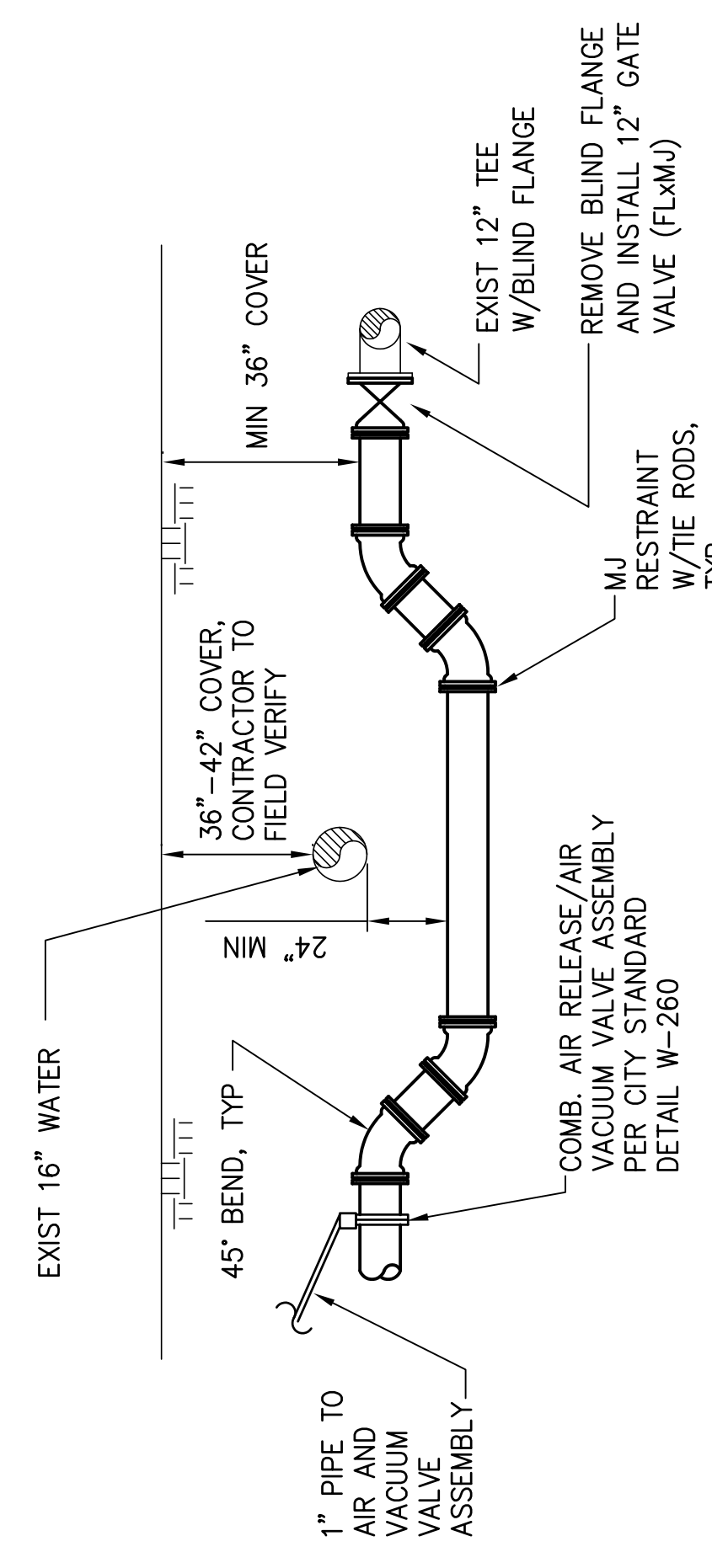
- BENDS AND PIPES TO BE FURNISHED WITH MECHANICAL RESTRAINED JOINTS AND TIE RODS. MECHANICAL RESTRAINED JOINTS AND TIE RODS TO BE FURNISHED FOR A MINIMUM OF TWO PIPE LENGTHS AT EITHER END OF CROSSING.
- LOCATION OF COMB. AIR RELEASE/AIR VACUUM VALVE ASSEMBLY SHALL BE APPROVED BY ENGINEER PRIOR TO INSTALLATION.

1 CONNECTION TO EXISTING 12" WATER MAIN

NTS



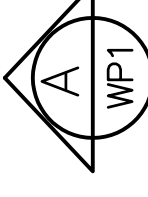
PP1



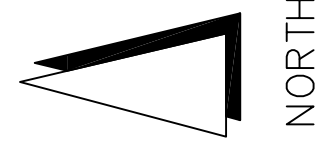
NORTH

CONNECTION TO EXISTING 12" WATER MAIN

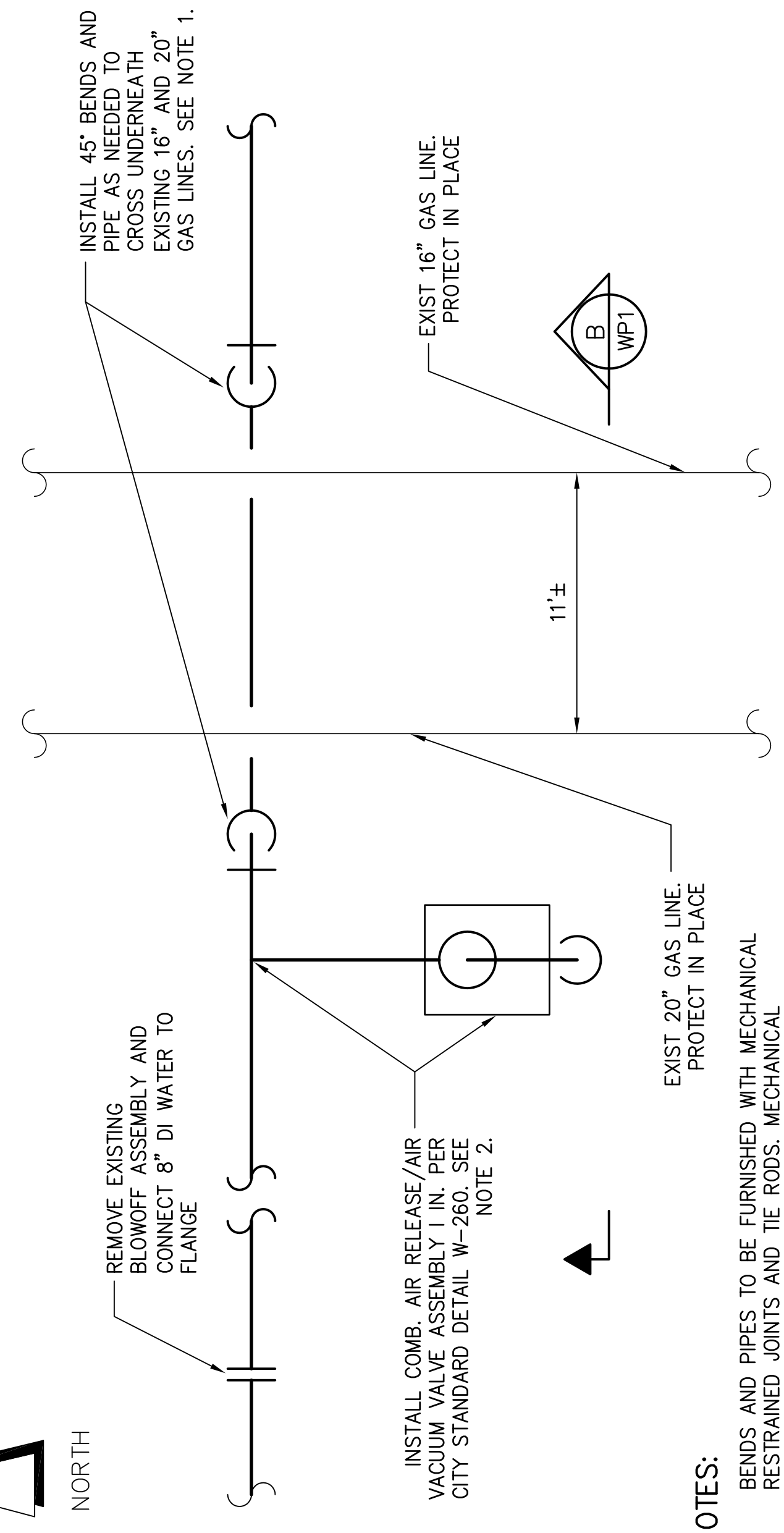
NTS



PP1



NORTH



NOTES:

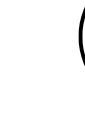
- BENDS AND PIPES TO BE FURNISHED WITH MECHANICAL RESTRAINED JOINTS AND TIE RODS. MECHANICAL RESTRAINED JOINTS AND TIE RODS TO BE FURNISHED FOR A MINIMUM OF TWO PIPE LENGTHS AT EITHER END OF CROSSING.
- LOCATION OF COMB. AIR RELEASE/AIR VACUUM VALVE ASSEMBLY SHALL BE APPROVED BY ENGINEER PRIOR TO INSTALLATION.

8" WATER MAIN

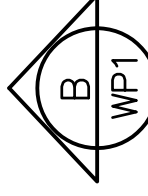
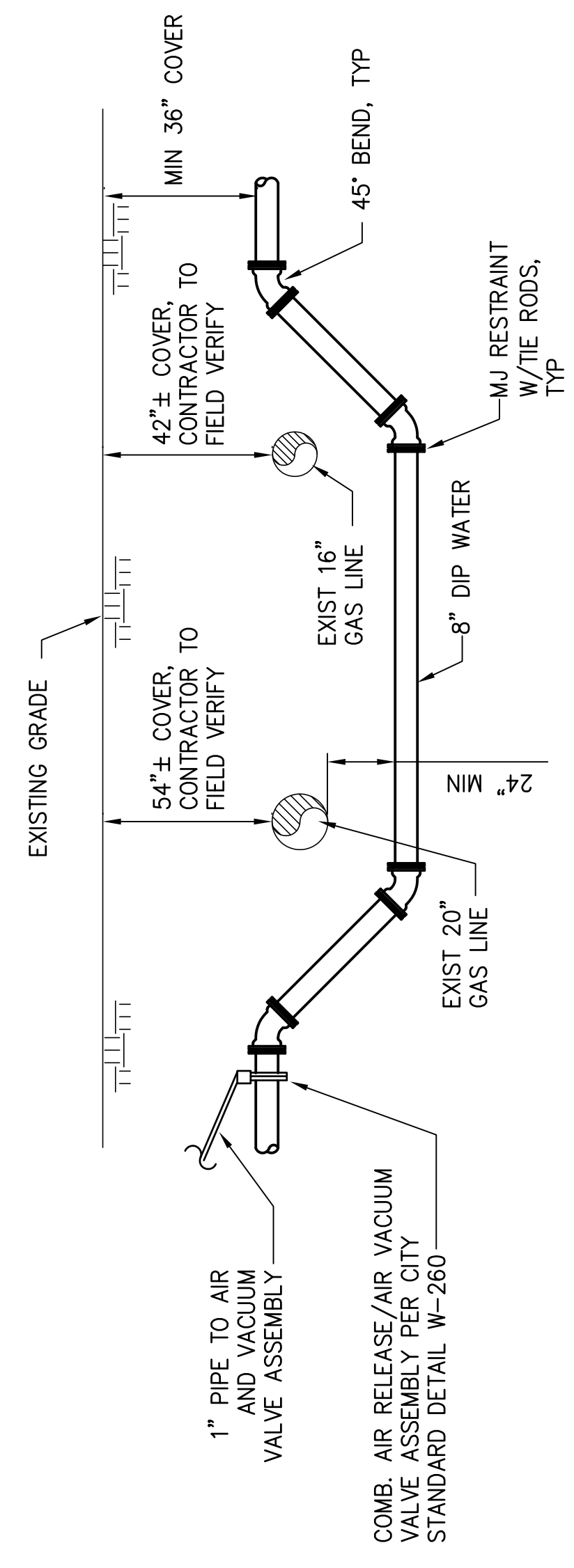
NTS

2 CROSSING EXISTING GAS MAINS

NTS



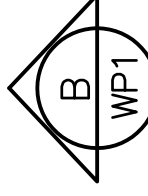
PP3



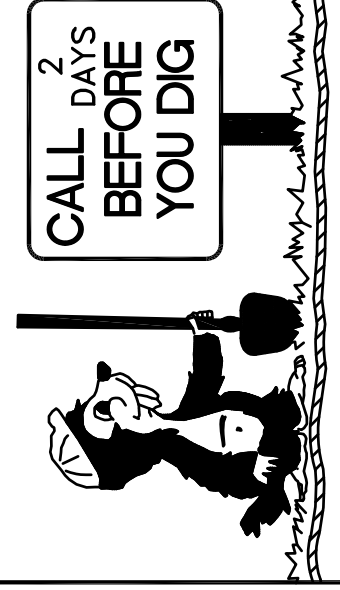
NORTH

8" WATER MAIN CROSSING EXISTING GAS MAINS

NTS



PP3



1-800-424-5555 OR 811

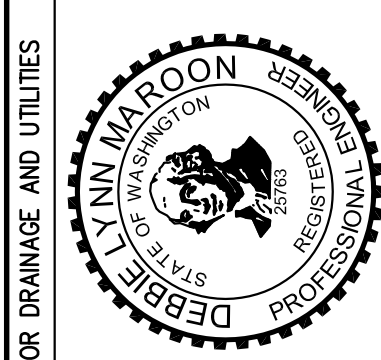
PLAN CHECK	BY	DATE

DESIGNED BY:	DATE NO.	REVISION	BY
DLM			

APPROVED FOR CONSTRUCTION

JAMES KELLY, PE
PUBLIC WORKS DIRECTOR

DATE APPROVED: _____



FOR DRAINAGE AND UTILITIES



AECOM

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Bellevue, WA 98004

701 Fifth Avenue, Suite 1100
Seattle, WA 98104

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CITY OF ARLINGTON

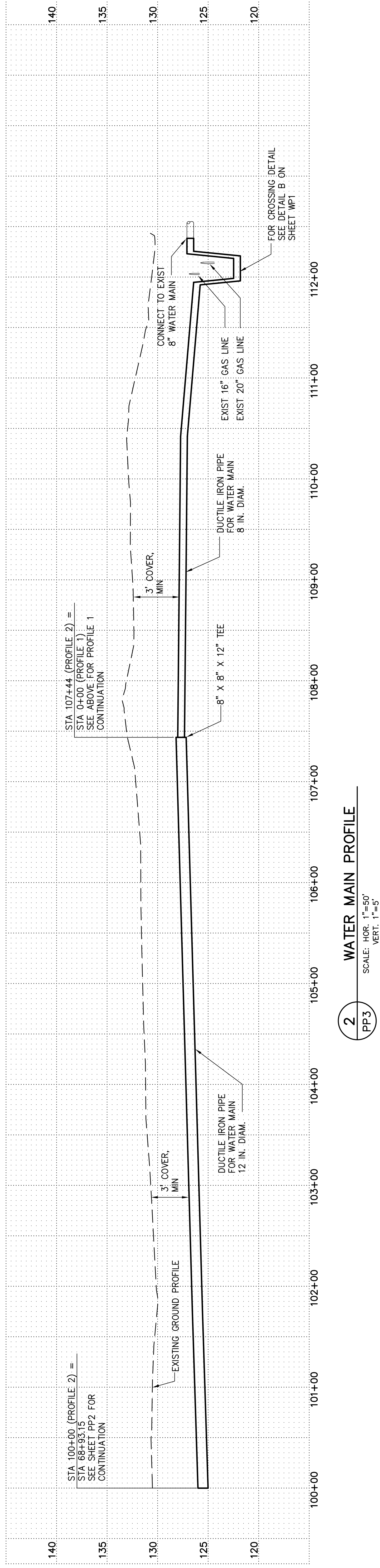
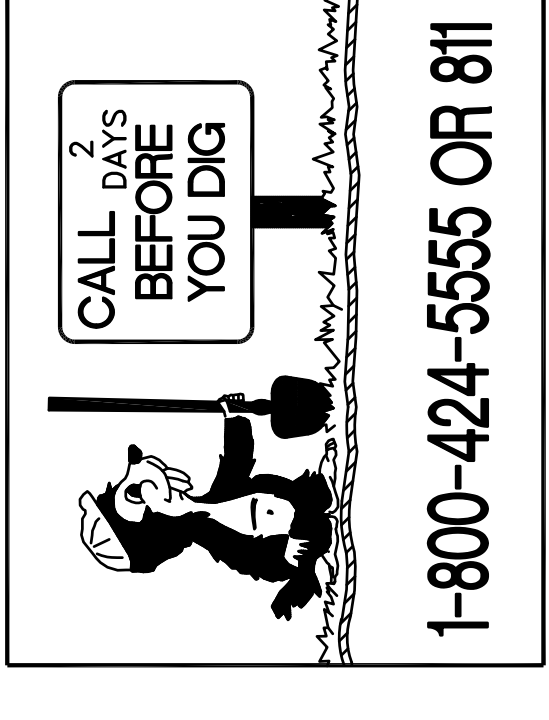
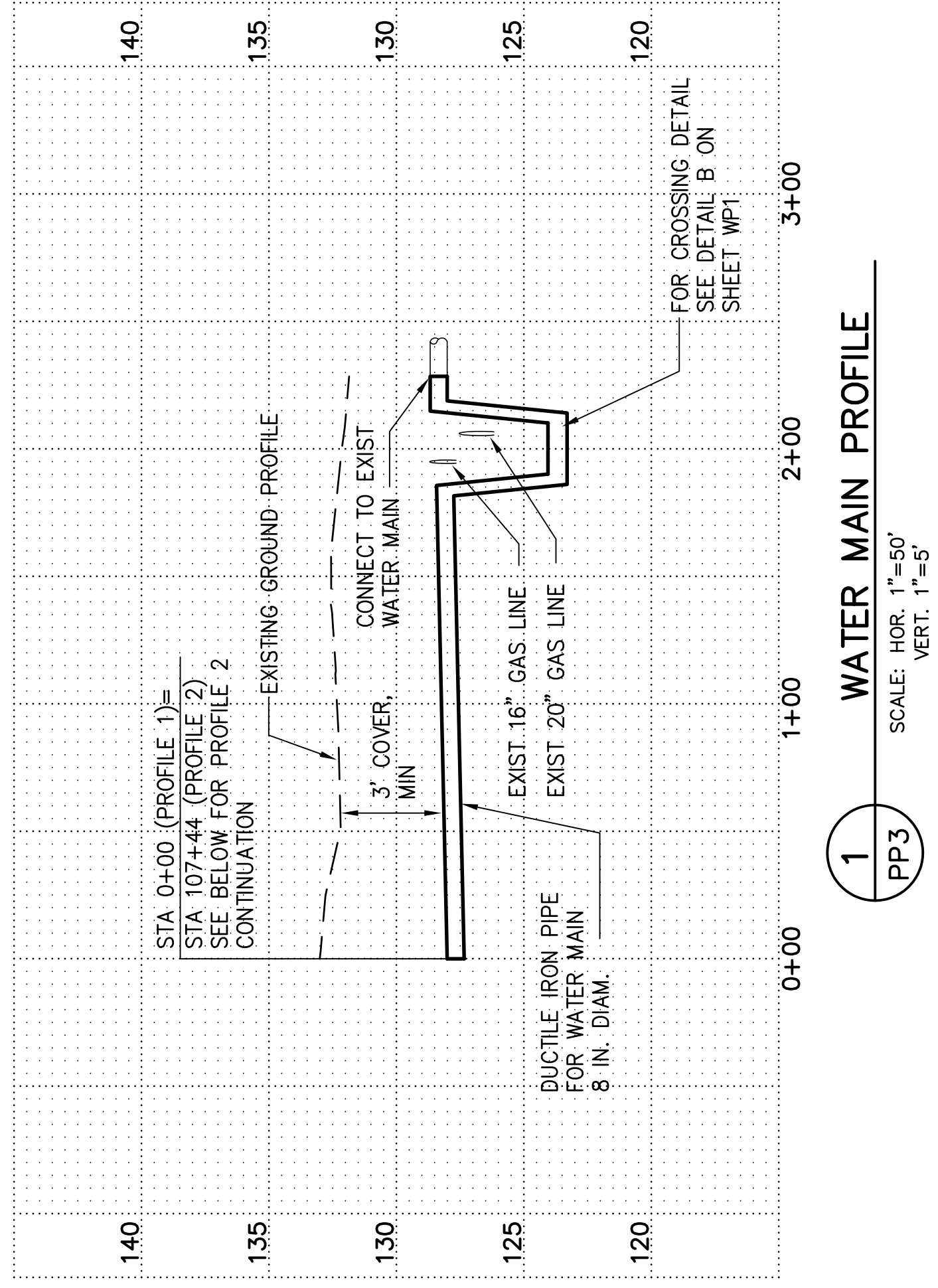
AIRPORT BOULEVARD ROAD IMPROVEMENTS

WATER MAIN DETAILS

REFERENCE SHEET NO. WP1

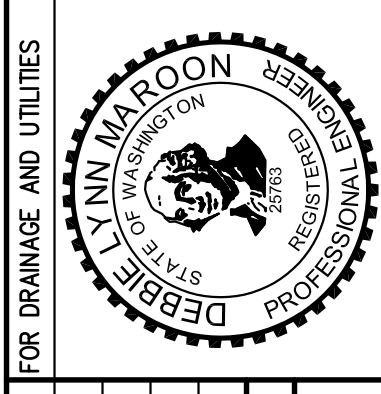
SHEET OF

SHEETS



PLAN CHECK	BY	DATE

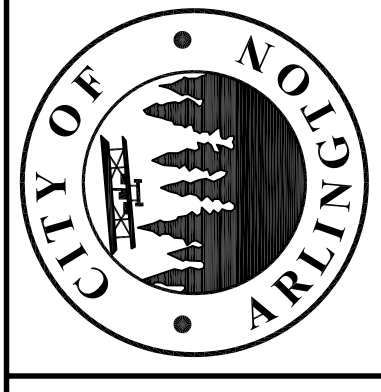
DESIGNED BY:	DLM
DATE	
NO.	
REVISION	
BY	
DRAWN BY:	MPN
DATE APPROVED:	



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JAMES KELLY, PE
PUBLIC WORKS DIRECTOR

DATE APPROVED:



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Seattle, WA 98104
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Bellevue, WA 98004

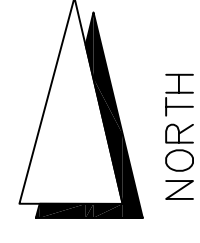
701 2nd Ave, Suite 1000
Seattle, WA 98104

CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS
WATER MAIN PROFILES

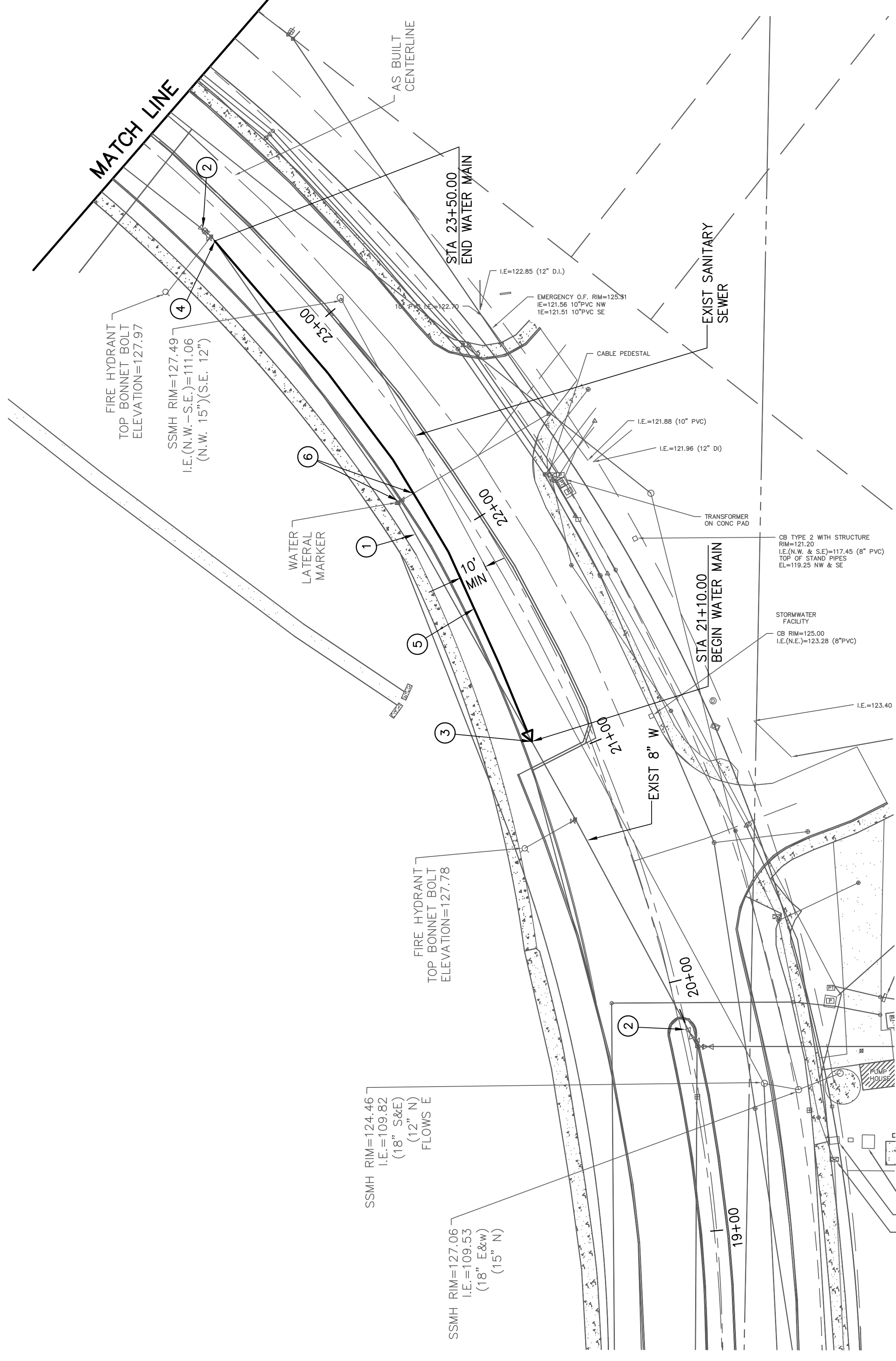
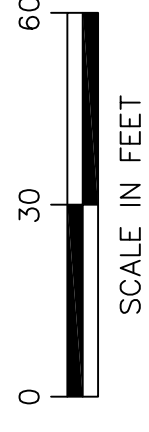
REFERENCE SHEET NO. WP2
SHEET OF SHEETS

CONSTRUCTION NOTES

- 1 STA 21+10.00 TO STA 23+50.00. CUT AND REMOVE EXISTING WATER MAIN. ISOLATE WATER MAIN PRIOR TO CUTTING.
- 2 EXISTING GATE VALVES TO BE USED TO ISOLATE WATER MAIN PRIOR TO CONSTRUCTION.
- 3 INSTALL 12" X 8" REDUCER AND CONNECT 12" WATER MAIN TO EXISTING 8" WATER MAIN.
- 4 CONNECT 12" WATER MAIN TO EXISTING 12" WATER MAIN.
- 5 INSTALL DUCTILE IRON PIPE FOR WATER MAIN 12" DIA. DEFLECT JOINTS AS NECESSARY.
- 6 RECONNECT WATER LATERAL AND VALVE TO 12" DIA WATER MAIN.



NORTH

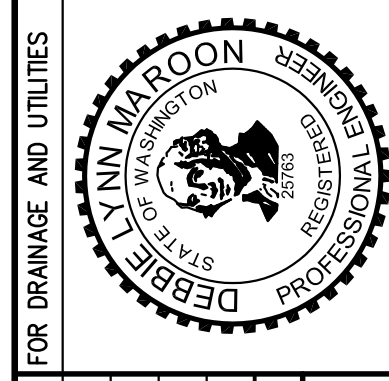


AIRPORT BOULEVARD

1-800-424-5555 OR 811

PLAN CHECK	BY	DATE

DESIGNED BY:	DLM	DATE NO.		REVISION		BY	
DRAWN BY:	MPN						



APPROVED FOR CONSTRUCTION

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PUBLIC WORKS DIRECTOR

DATE APPROVED: _____



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Seattle, WA 98104

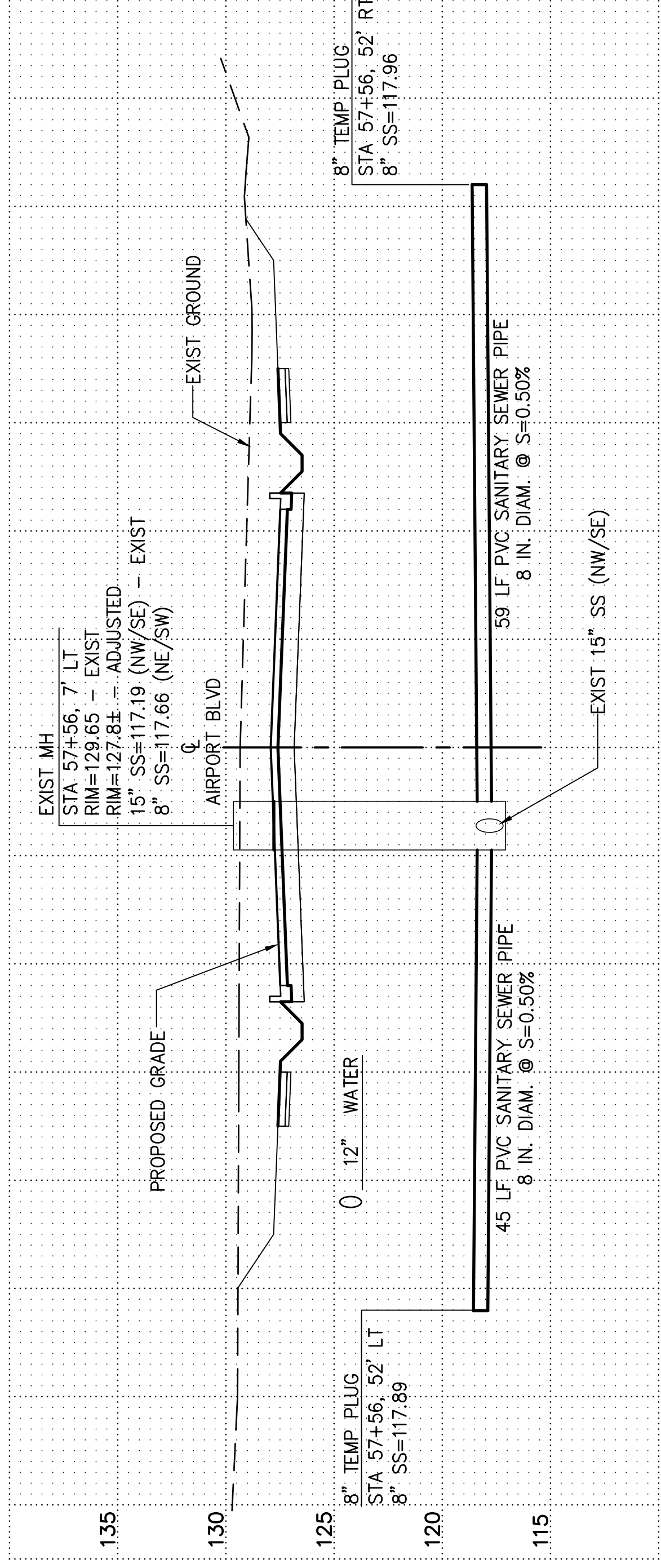
CITY OF ARLINGTON

AIRPORT BOULEVARD ROAD IMPROVEMENTS

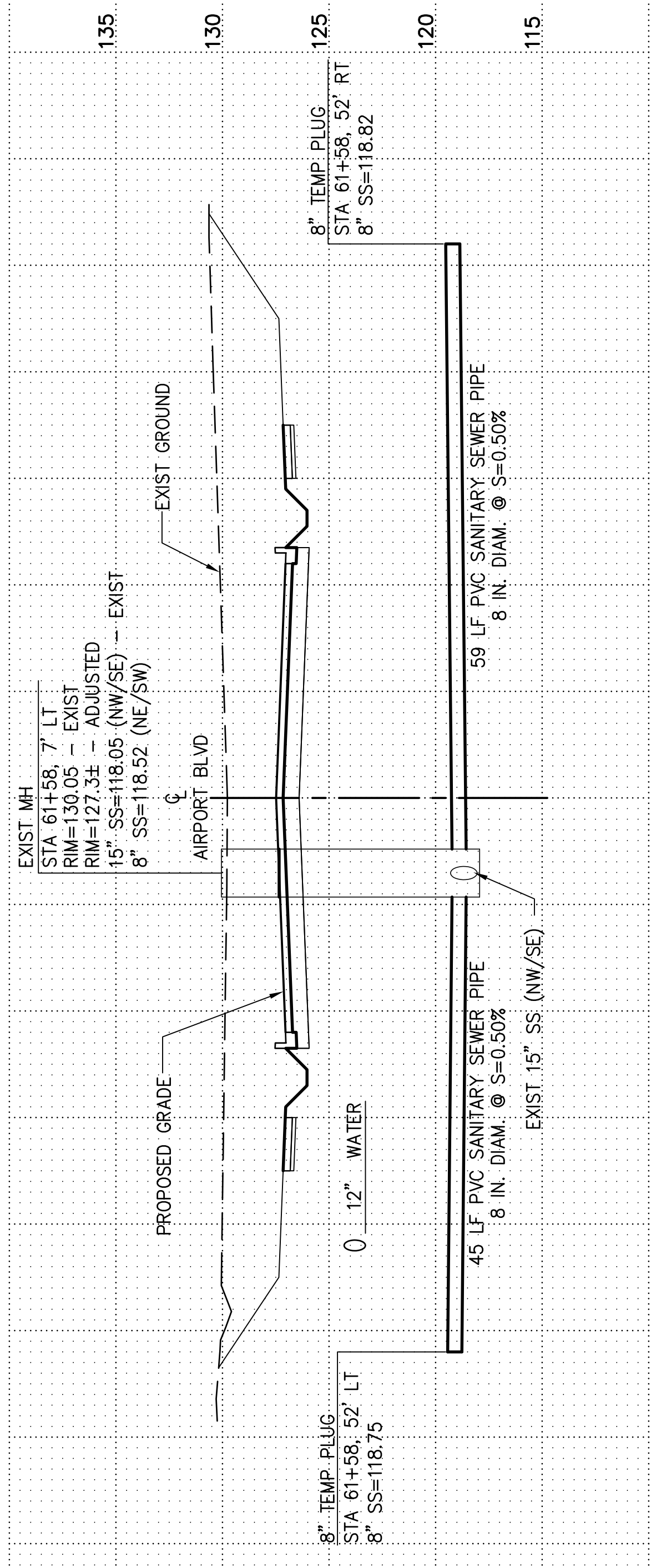
WATER MAIN PLAN & PROFILES

REFERENCE SHEET NO. WP 3

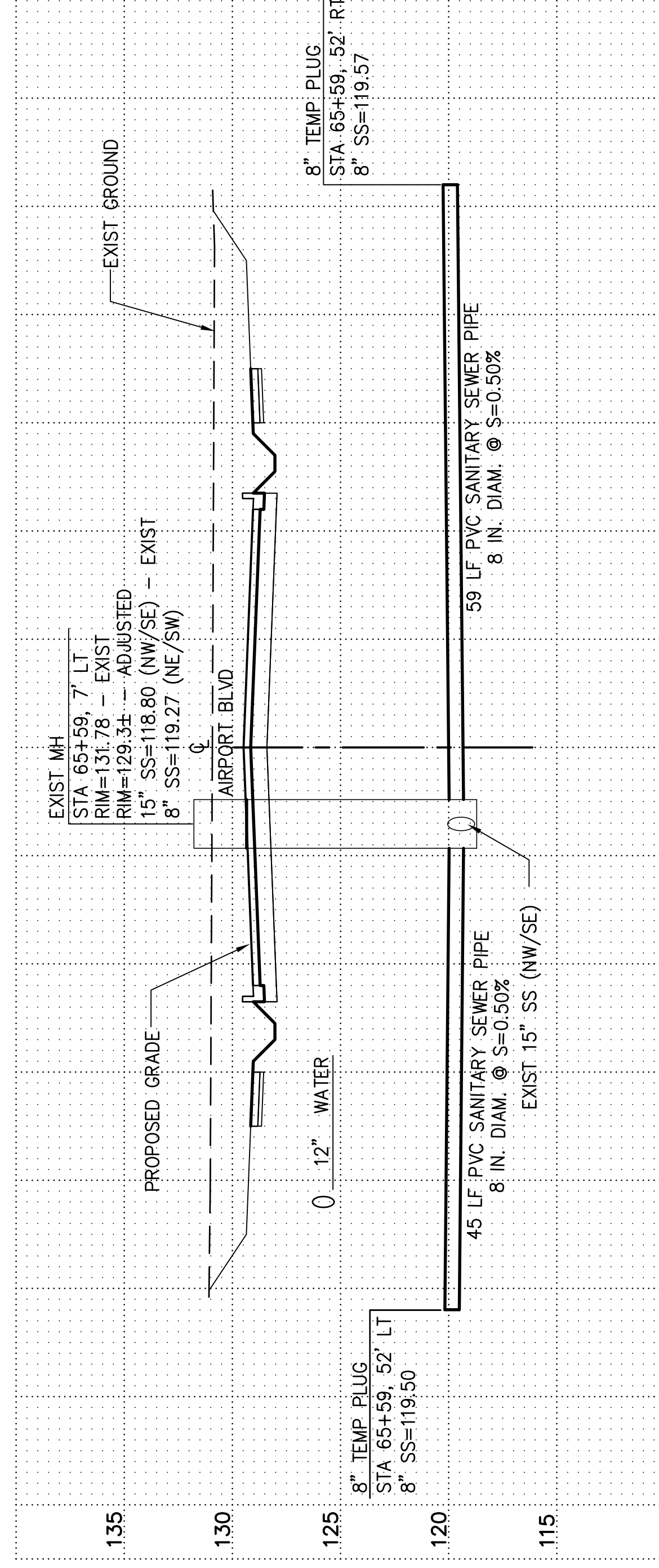
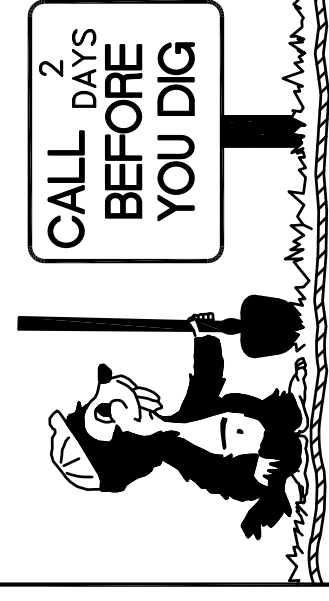
SHEET OF SHEETS



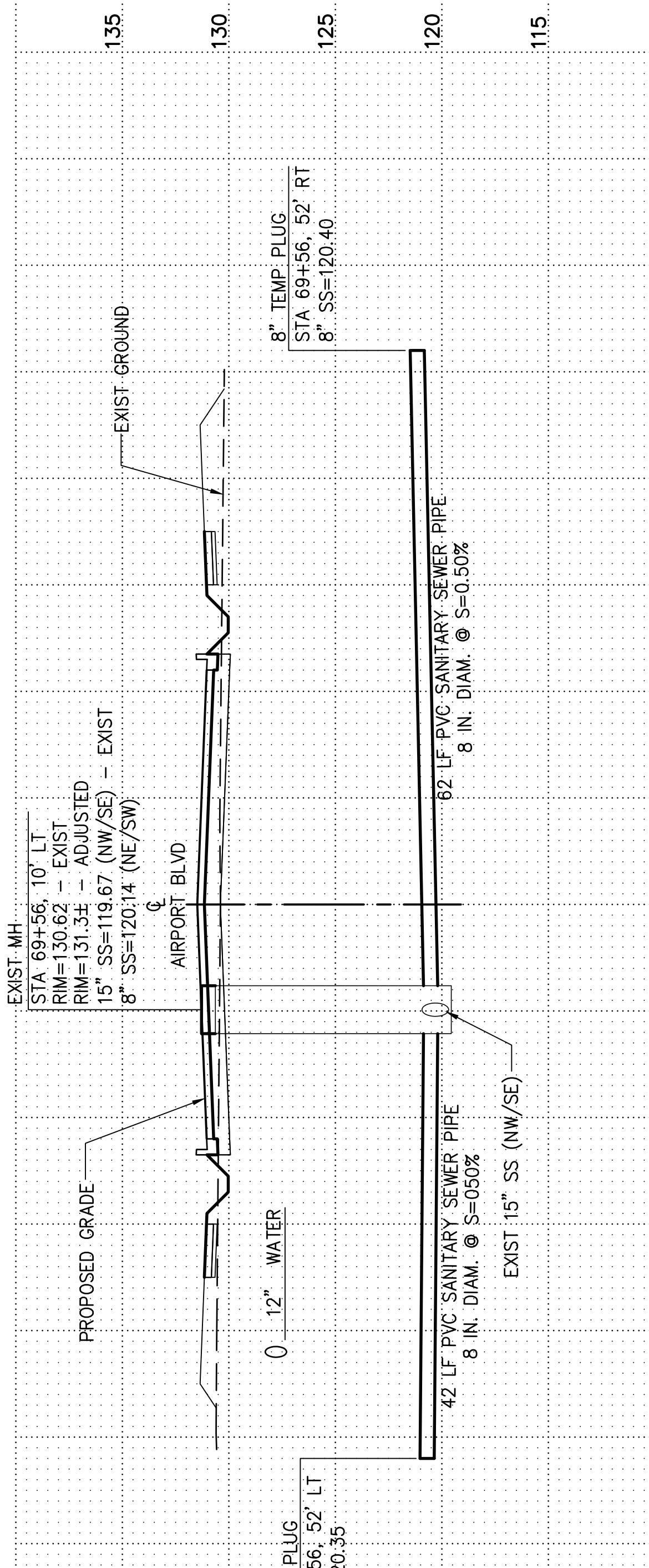
1 SS PROFILE — STA 57+56
 SCALE: HOR. 1"=10'
 VERT. 1"=5'



2 SS PROFILE — STA 61+58
 SCALE: HOR. 1"=10'
 VERT. 1"=5'



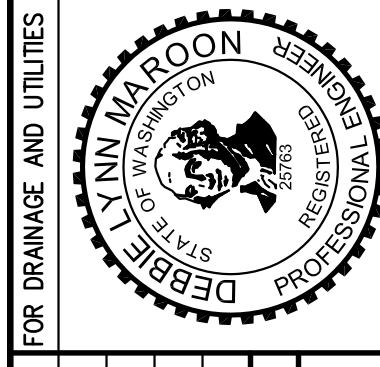
3 SS PROFILE — STA 65+59
 SCALE: HOR. 1"=10'
 VERT. 1"=5'



4 SS PROFILE — STA 69+56
 SCALE: HOR. 1"=10'
 VERT. 1"=5'

PLAN CHECK	BY	DATE

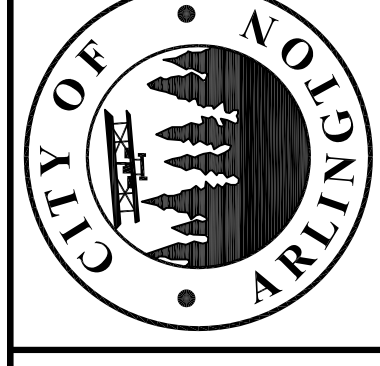
DESIGNED BY:	DATE	NO.	REVISION	BY
DLM				



APPROVED FOR CONSTRUCTION

JAMES KELLY, PE
 PUBLIC WORKS DIRECTOR

DATE APPROVED: _____



AECOM

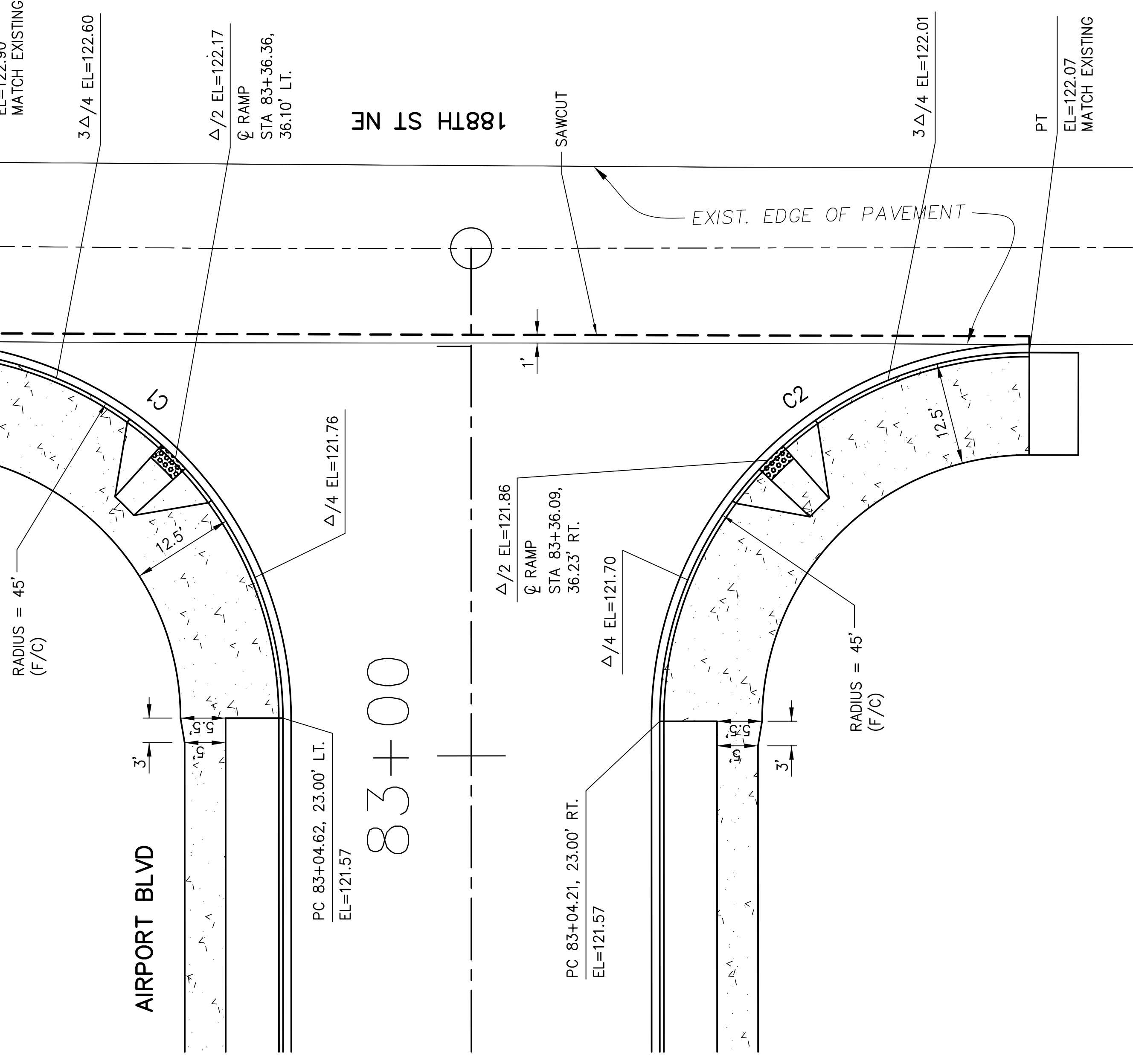
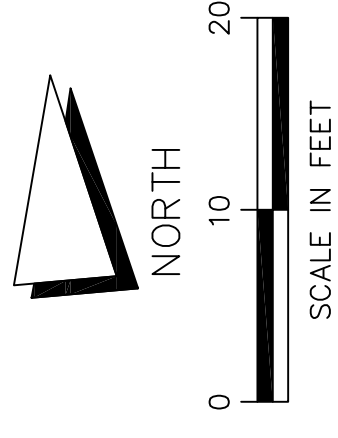
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CITY OF ARLINGTON
 AIRPORT BOULEVARD ROAD IMPROVEMENTS
 SANITARY SEWER PROFILES

REFERENCE SHEET NO. SP1
 SHEET OF SHEETS

SEC 21 T31N R5E WM

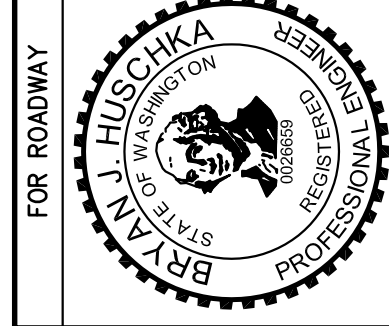


NOTES:
 1. ALL DIMENSIONS ARE TO FACE OF CURB AND ELEVATIONS ARE AT THE GUTTERLINE.

CURVE TABLE

NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH
C1	89°43'16"	44.78'	45.00'	70.47'
C2	90°11'41"	45.15'	45.00'	70.84'

PLAN CHECK	BY	DATE
DESIGNED BY:	BUH	
DATE NO.		
REVISION		
DRAWN BY:	MPN	
BY		



APPROVED FOR CONSTRUCTION
 JAMES KELLY, PE
 PUBLIC WORKS DIRECTOR
 DATE APPROVED:



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CITY OF ARLINGTON
 AIRPORT BOULEVARD ROAD IMPROVEMENTS
 INTERSECTION DETAILS
 REFERENCE SHEET NO. ID1
 SHEET OF SHEETS

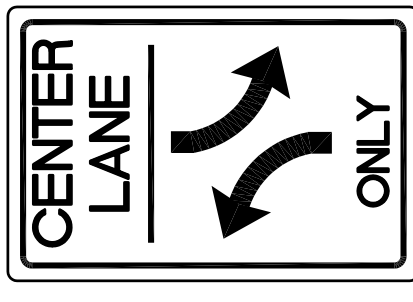
CHANNELIZATION LEGEND

- 1 PAINTED DOUBLE CENTER LINE (YELLOW)
- 2 PAINTED WIDE LANE LINE
- 3 PLASTIC WIDE LANE LINE
- 4 PLASTIC STOP LINE
- 5 PLASTIC CROSSWALK LINE PER WSDOT STANDARD PLAN M-15.10-01
- 6 PLASTIC TRAFFIC ARROW PER WSDOT STANDARD PLAN M-24.40-01
STA 74+50, 0' LT = 2 EA
- 7 PAINTED TWO-WAY LEFT TURN CENTER LINE
- 8 PLASTIC BICYCLE LANE SYMBOL PER WSDOT STANDARD PLAN M-9.50-01
STA 54+00, LT & RT
STA 64+00, LT & RT
STA 74+00, LT & RT

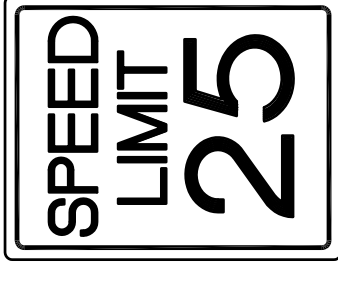
NOTE:

PLASTIC AND PAINTED LINES SHALL BE PER WSDOT STANDARD PLAN M-20.40-01 UNLESS OTHERWISE NOTED.

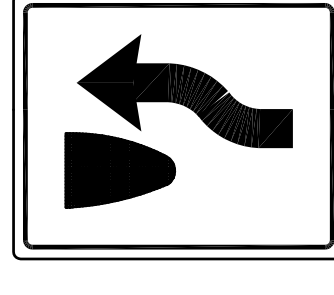
SIGN LEGEND



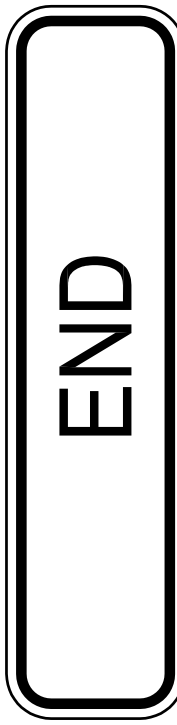
R3-9B
24" X 36"
SHEETING TYPE IV



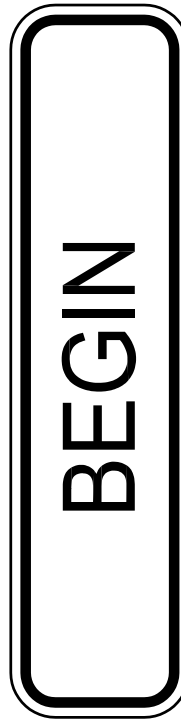
R2-1
24" X 30"
SHEETING TYPE IV



R4-7
24" X 30"
SHEETING TYPE IV



M4-12
24" X 6"
SHEETING TYPE IV



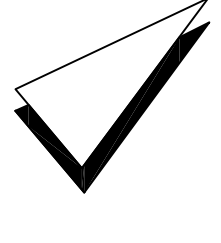
M4-11
24" X 6"
SHEETING TYPE IV

6 "END SIGN"
STA 74+50, 27.5' RT.
MOUNT ABOVE SIGN 4

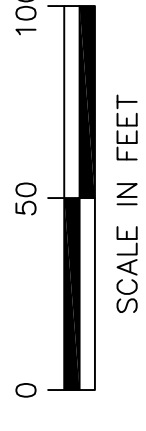
7 "BEGIN SIGN"
STA 74+50, 27.5' LT.
MOUNT ABOVE SIGN 4

SIGN NOTES:

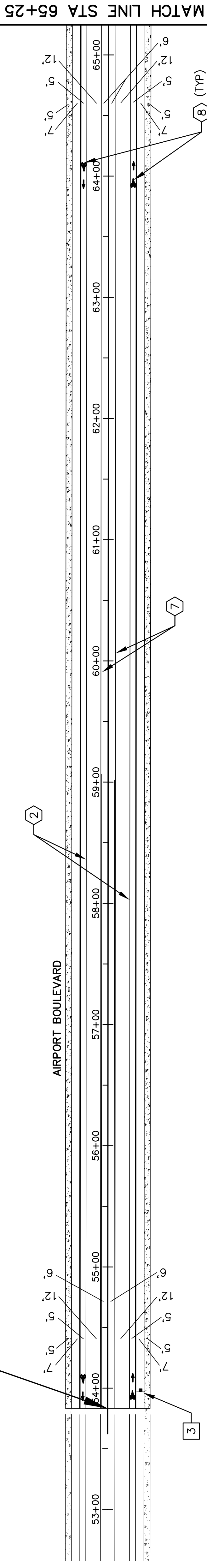
- 1.) SIGNS SHALL BE INSTALLED PER CITY DETAIL R-120.
- 2.) STREET SIGNS SHALL BE PER CITY DETAIL R-110 AND SHALL BE DOUBLED SIDED.
- 3.) SIGNS PER WSDOT SIGN FABRICATION MANUAL.



NORTH

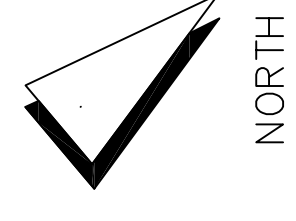


BEGIN CONSTRUCTION
STA. 53+83.25
BEGIN TWO-WAY LEFT TURN CENTER LINE (6' LT & RT)
BEGIN WIDE LANE LINE (18' LT & RT)
MATCH EXISTING LANE LINES

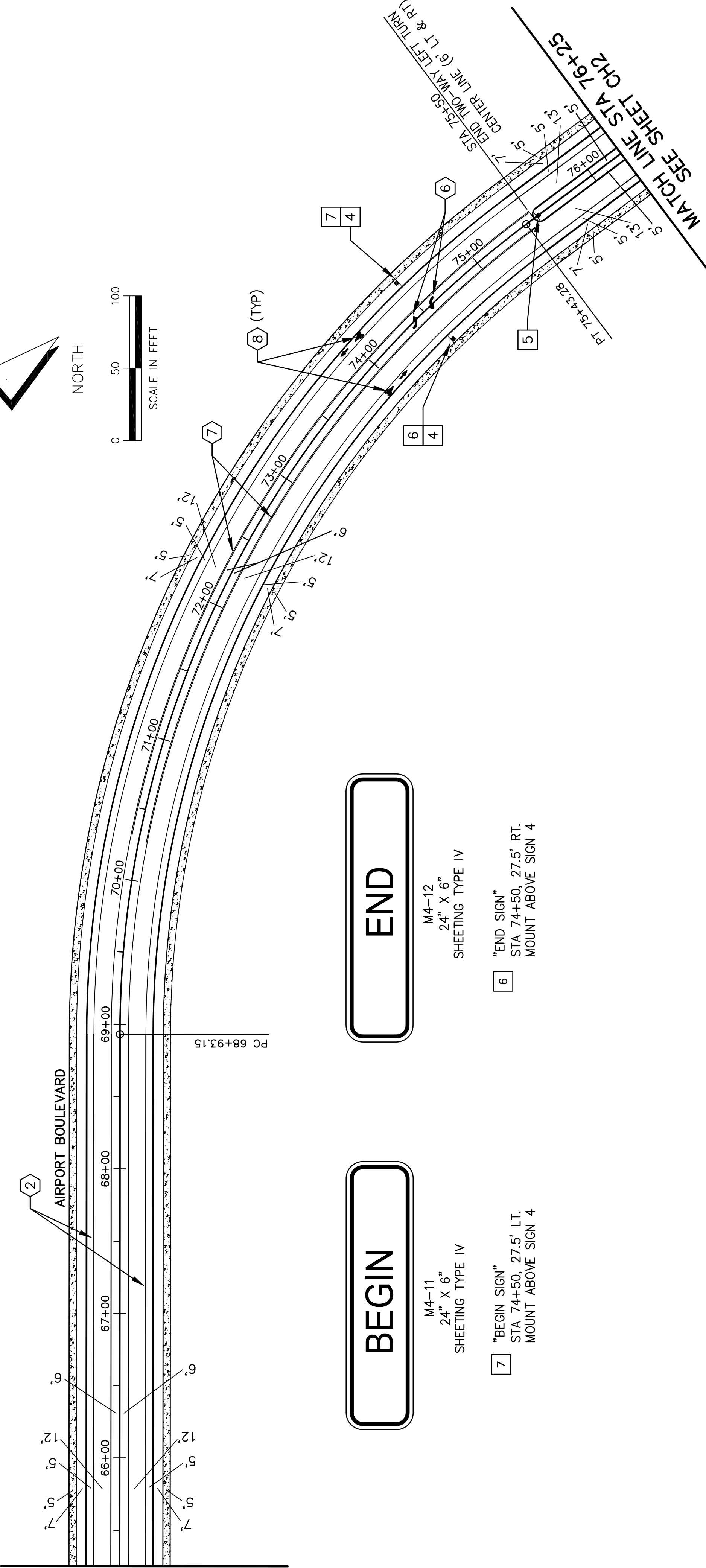
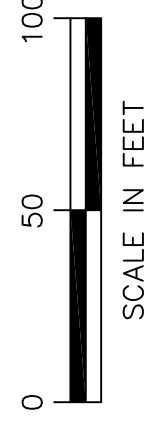


MATCH LINE STA 65+25

MATCH LINE STA 65+25



NORTH



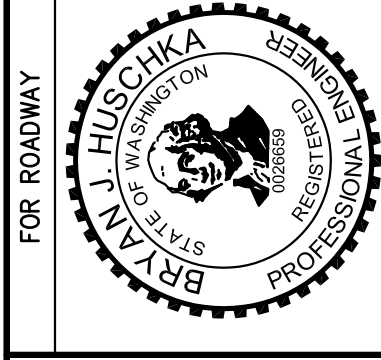
PLAN CHECK	BY	DATE

DESIGNED BY: BJH	REVISION	BY
DRAWN BY: MPN		

APPROVED FOR CONSTRUCTION

JAMES KELLY, PE
PUBLIC WORKS DIRECTOR

DATE APPROVED:

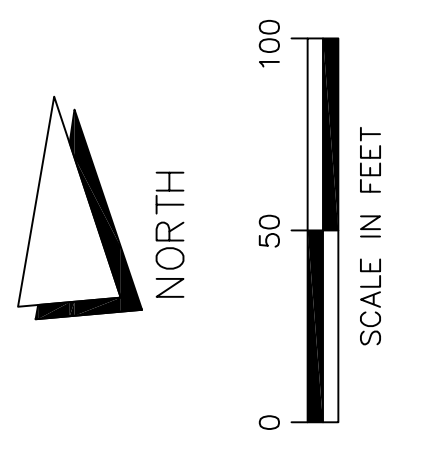


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REFERENCE SHEET NO. CH1
SHEET OF SHEETS

CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS
CHANNELIZATION & SIGNING PLAN

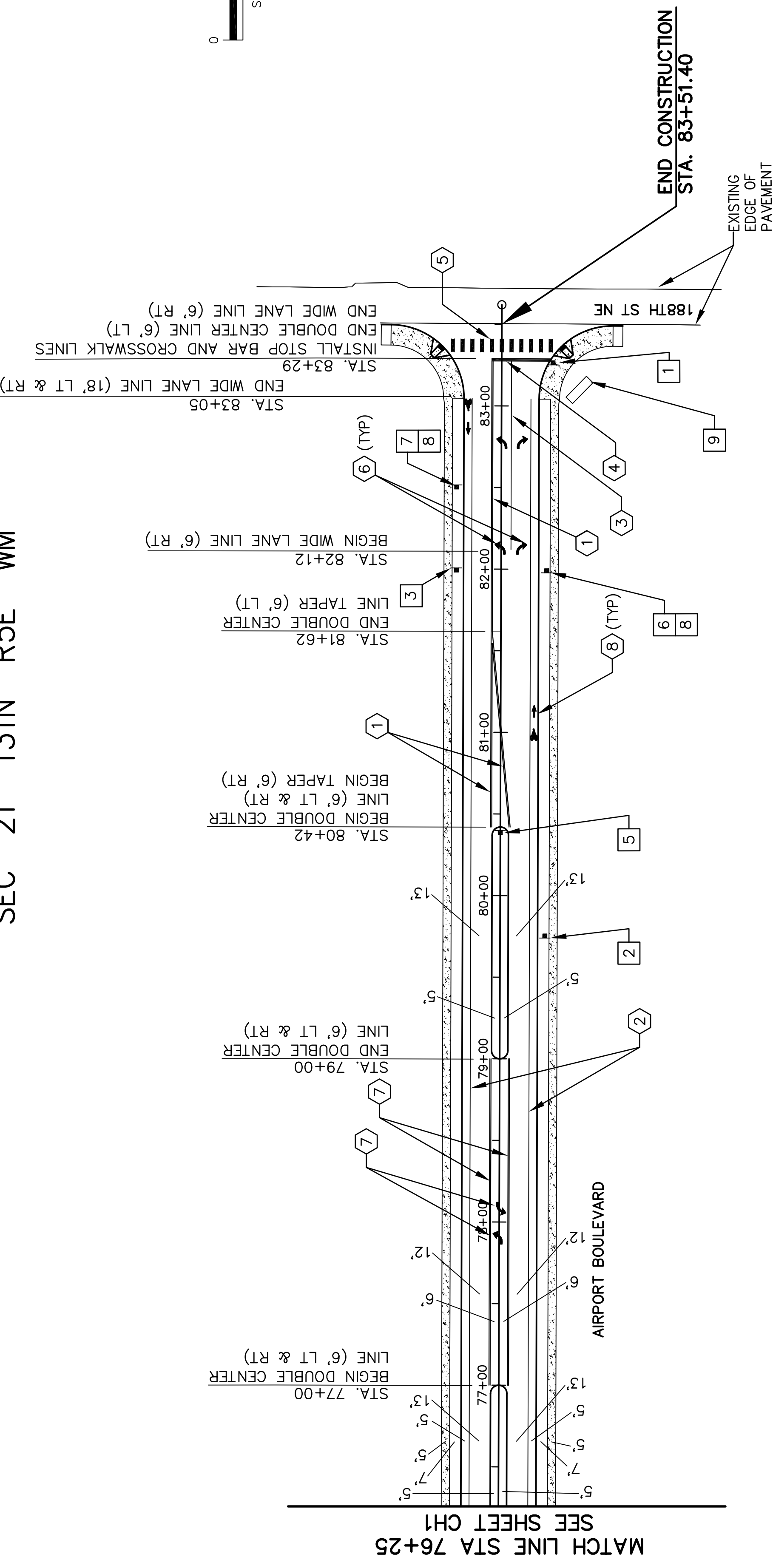
- CHANNELIZATION LEGEND**
- ① PAINTED DOUBLE CENTER LINE (YELLOW)
 - ② PAINTED WIDE LANE LINE
 - ③ PLASTIC WIDE LANE LINE
 - ④ PLASTIC STOP LINE
 - ⑤ PLASTIC CROSSWALK LINE PER WSDOT STANDARD PLAN M-15.10-01
 - ⑥ PLASTIC TRAFFIC ARROW PER WSDOT STANDARD PLAN M-24.40-01
STA 78+00, 0' LT. = 2 EA
STA 82+12, 0' LT & 12' RT = 2 EA
STA 82+77, 0' LT & 12' RT = 2 EA
 - ⑦ PAINTED TWO-WAY LEFT TURN CENTER LINE
 - ⑧ PLASTIC BICYCLE LANE SYMBOL PER WSDOT STANDARD PLAN M-9.50-01
STA 81+00, RT
STA 82+95, LT



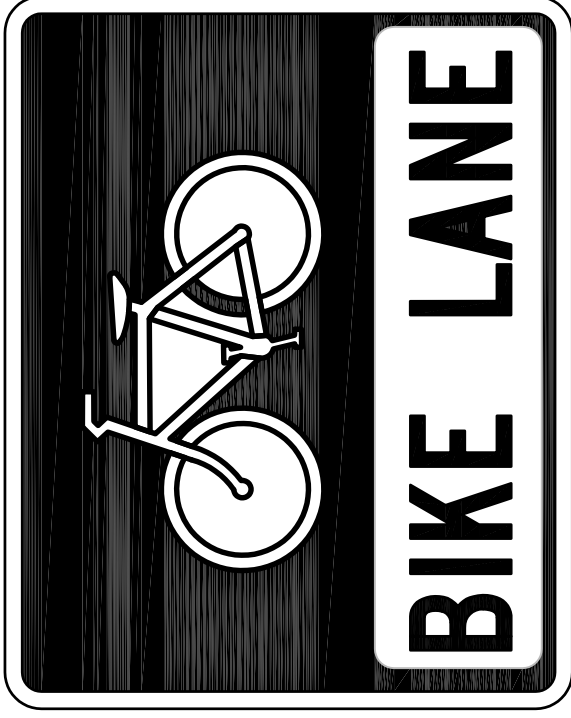
CHANNELIZATION NOTE:
PLASTIC AND PAINTED LINES SHALL BE PER WSDOT STANDARD PLAN M-20.40-01 UNLESS OTHERWISE NOTED.

SIGN LEGEND

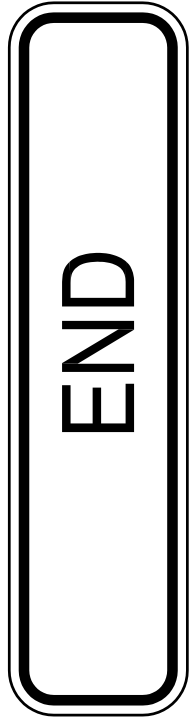
- ① "STOP SIGN & STREET SIGNS"
30" X 30"
SHEETING TYPE IV
- ② "STOP AHEAD"
30" X 30"
SHEETING TYPE IV
- ③ "SPEED LIMIT 25"
24" X 30"
SHEETING TYPE IV
- ④ "STAY RIGHT SIGN"
24" X 30"
SHEETING TYPE IV



- ① "STOP SIGN & STREET SIGNS"
30" X 30"
SHEETING TYPE IV
- ② "STOP AHEAD"
30" X 30"
SHEETING TYPE IV
- ③ "SPEED LIMIT 25"
24" X 30"
SHEETING TYPE IV
- ④ "STAY RIGHT SIGN"
24" X 30"
SHEETING TYPE IV



⑧ "BIKE LANE SIGN"
30" X 24"
SHEETING TYPE IV
STA 82+00, 27.5' RT.
STA 82+50, 27.5' LT.



⑥ "END SIGN"
M4-12
24" X 6"
SHEETING TYPE IV
STA 82+00, 27.5' RT.
MOUNT ABOVE SIGN 8



⑦ "BEGIN SIGN"
M4-11
24" X 6"
SHEETING TYPE IV
STA 82+50, 27.5' LT.
MOUNT ABOVE SIGN 8

⑨ "AIRPORT BUSINESS PARK SIGN"
TO BE FIELD LOCATED BY THE ENGINEER.
SEE SECTION 8-21 OF THE SPECIAL PROVISIONS FOR CONSTRUCTION REQUIREMENTS.

- SIGN NOTES:**
- SIGNS SHALL BE INSTALLED PER CITY DETAIL R-110.
 - STREET SIGNS SHALL BE PER CITY DETAIL R-110 AND SHALL BE DOUBLED SIDED.
 - SIGNS PER WSDOT SIGN FABRICATION MANUAL.

PLAN CHECK	BY	DATE			
			DESIGNED BY: BUH	DRAWN BY: MPN	BY
			REVISION	NO.	DATE
<p>APPROVED FOR CONSTRUCTION</p> <p>JAMES KELLY, PE PUBLIC WORKS DIRECTOR</p> <p>DATE APPROVED:</p>					
<p>AECOM</p> <p>701 Fifth Avenue, Suite 1100 10900 NE 8th Street, Suite 750 701 2nd Ave, Suite 1000 Seattle, WA 98104 Bellevue, WA 98004 Seattle, WA 98104 T: 206.674.4200 WWW.AECOM.COM</p>					
			<p>CITY OF ARLINGTON</p> <p>AIRPORT BOULEVARD ROAD IMPROVEMENTS</p> <p>CHANNELIZATION & SIGNING PLAN</p>		
			REFERENCE SHEET NO.	CH2	
			SHEET OF		
			SHEETS		