

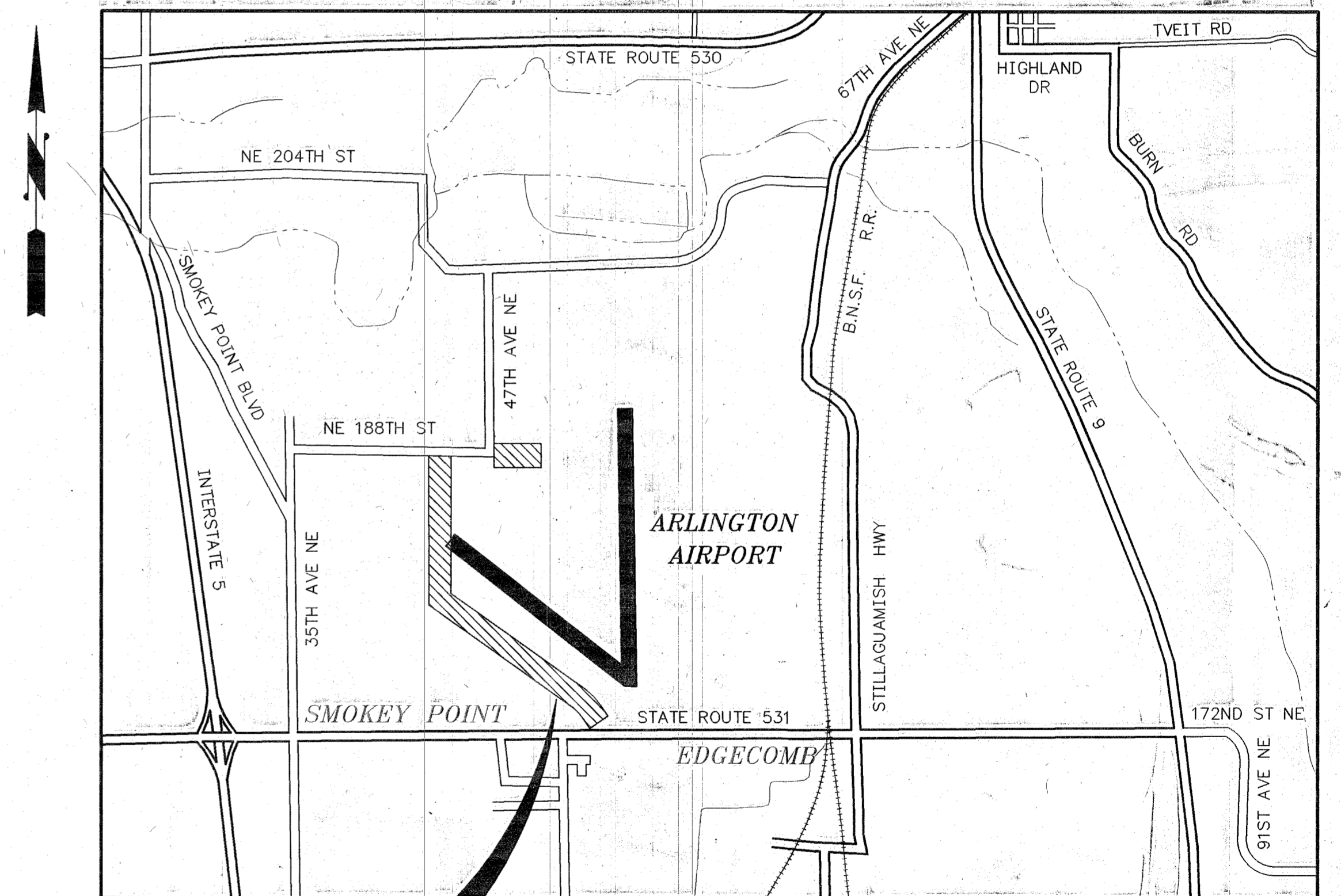
# CITY OF ARLINGTON

## ARLINGTON AIRPORT

### WATER MAIN LOOP

#### INDEX OF SHEETS:

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PROJECT  
LOCATION

VICINITY MAP  
NOT TO SCALE

REVISED TO CONFORM TO CONSTRUCTION RECORDS	
BY	TAP
CHECKED	BG/VLG
DATE	10/09/06



**GENERAL NOTES**

- ALL WORK SHALL CONFORM TO THE STANDARD DETAILS, SPECIFICATIONS, RULES AND REGULATIONS OF THE CITY OF ARLINGTON, THESE DRAWINGS AND THE PROJECT MANUAL.
- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF CITY OF ARLINGTON AND OTHER FRANCHISE AND PROJECT PERMIT REQUIREMENTS AS APPLICABLE.
- THE CITY SHALL BE NOTIFIED 7 DAYS IN ADVANCE, PRIOR TO COMMENCEMENT OF CONSTRUCTION. ALL TESTING AND CONSTRUCTION SHALL BE INSPECTED BY THE CITY OF ARLINGTON.
- LOCATIONS SHOWN FOR EXISTING UTILITIES ARE APPROXIMATE. IDENTIFICATION, LOCATION, MARKING AND RESPONSIBILITY FOR UNDERGROUND FACILITIES OR UTILITIES IS GOVERNED BY THE PROVISIONS OF CHAPTER 19.122, REVISED CODE OF WASHINGTON.
- WATER MAIN SHALL BE CLASS 52 CEMENT LINED DUCTILE IRON PIPE CONFORMING TO ANSI STD. A21.51 (AWWA C151).
- MINIMUM SEPARATION OF POTABLE WATER MAINS AND SANITARY LINES SHALL BE TEN (10) FEET HORIZONTALLY FOR PARALLEL PIPE, AND EIGHTEEN (18) INCHES VERTICALLY FOR PERPENDICULAR OR OBLIQUE CROSSINGS. MEASURED FROM OUTSIDE EDGE TO OUTSIDE EDGE. SITUATIONS OCCURRING WITH LESS THAN MINIMUM SEPARATION WILL REQUIRE CONSTRUCTION IN ACCORDANCE WITH SECTION 2.41 OF THE "CRITERIA FOR SEWAGE WORKS DESIGN" PUBLISHED BY THE WASHINGTON STATE DEPARTMENT OF ECOLOGY AS REVISED OCTOBER 1985.
- ALL MECHANICAL JOINTS AT BENDS SHALL BE RESTRAINED WITH MEGALUG JOINT RESTRAINTS IN ADDITION TO BLOCKING PER CITY OF ARLINGTON STANDARDS.

**NOTICE:**

- CAUTION - EXTREME HAZARD - OVERHEAD ELECTRICAL SERVICE LINES ARE GENERALLY NOT SHOWN ON THE DRAWINGS. ELECTRICAL LINES SHOWN ON THE DRAWINGS ARE LOCATED BY POINT-TO-POINT, POWER-POLE-TO-POWER-POLE CONNECTION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXTENT OF ANY HAZARD CREATED BY OVERHEAD ELECTRICAL POWER IN ALL AREAS AND SHALL FOLLOW PROCEDURES DURING CONSTRUCTION AS REQUIRED BY LAW AND REGULATION. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL MEET WITH UTILITY OWNERS AND DETERMINE THE EXTENT OF HAZARD AND REMEDIAL MEASURES AND SHALL TAKE WHATEVER PRECAUTIONS MAY BE REQUIRED. SEE SPECIFICATIONS.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS IN ACCORDANCE WITH CITY OF ARLINGTON PUBLIC WORKS REQUIREMENTS.
- A PRE-CONSTRUCTION CONFERENCE SHALL BE REQUIRED WITH THE CITY OF ARLINGTON PUBLIC WORKS, THE CITY OF MARYSVILLE AND THE AIRPORT.
- EXACT FIRE HYDRANT LOCATION SHALL BE DETERMINED BY CITY STAFF DURING CONSTRUCTION.
- PAVEMENT RESTORATION SHALL CONSIST OF 3" LAYER OF CLASS B ASPHALT CEMENT PLACED AND COMPACTED OVER A 36" LAYER OF CDF.
- GRAVEL ROADWAY AND GRAVEL SHOULDER RESTORATION SHALL CONSIST OF A 2" COMPACTED THICKNESS OF CRUSHED SURFACING TOP COURSE (5/8" MINUS).
- ALL AREAS NOT OTHERWISE RESTORED SHALL BE RESTORED BY HYDROSEEDING.
- CONSTRUCTION ACCEPTANCE WILL BE SUBJECT TO A WELL ESTABLISHED GROUND COVER THAT FULFILLS THE REQUIREMENT OF THE CITY OF ARLINGTON.

ALL AREAS OUTSIDE OF THE CRUSHED ROCK SHOULDER SHALL BE SEEDED WITH A PERENNIAL GROUND COVER GRASS TO MINIMIZE EROSION. GRASS SEEDING WILL BE DONE USING AN APPROVED HYDROSEEDER OR BY HAND SEEDING AND PLACEMENT OF STRAW MULCH AS APPROVED BY THE CITY OF ARLINGTON.

PREPARATION OF SURFACE: ALL AREAS TO BE SEEDED SHALL BE CULTIVATED TO THE SATISFACTION OF THE CITY INSPECTOR. THIS IS TO BE ACCOMPLISHED BY DISCING, RAKING, HARROWING OR OTHER ACCEPTABLE MEANS. IMMEDIATELY FOLLOWING FINISH GRADING, PERMANENT VEGETATION SHALL BE APPLIED AS REQUIRED BY THE CITY OF ARLINGTON AS FOLLOWS:

**SNOHOMISH COUNTY MIX**  
 20% ANNUAL RYE  
 40% PERENNIAL RYE  
 40% PI DUTCH WHITE COVER  
 MULCH RATE = 1500 LBS/ACRE  
 FERTILIZER RATE (10-20-20) = 400 LBS/ACES  
 SEED RATE MIX = 80 LBS/ACRE

- MINIMUM VERTICAL SEPARATION BETWEEN UTILITIES SHALL BE 12 INCHES WITH A SAND CUSHION AND HAND COMPACTION. MINIMUM COVER OVER WATER MAIN SHALL BE 36 INCHES UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY CLEARANCES AND LOCATIONS PRIOR TO CONSTRUCTION.
- NEW WATER MAINS TO BE TESTED IN ACCORDANCE WITH THE SPECIFICATIONS PRIOR TO CONNECTING TO THE EXISTING WATER SYSTEM. THE USE OF AN APPROVED BACKFLOW DEVICE IS REQUIRED TO PREVENT ANY CROSS CONNECTIONS DURING TESTING.

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**A PORTION OF SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M. SNOHOMISH COUNTY WASHINGTON**

- WATER MAINS SHALL BE INSTALLED OFF THE EDGE OF PAVEMENT. WHERE REQUIRED SAWCUT EXISTING PAVEMENT FOR WATER LINE INSTALLATION. AFTER PAVEMENT PATCHING, SEAL ALL SAWCUT EDGES WITH AN APPROVED SEALANT. SEE RIGHT-OF-WAY PERMIT FOR ADDITIONAL REQUIREMENTS.
- JOINT DEFLECTIONS USED TO MAKE HORIZONTAL CURVES OR GRADE CHANGES SHALL NOT EXCEED ONE HALF THE MAXIMUM RECOMMENDED BY THE PIPE MANUFACTURER. IF CURVE CANNOT BE MADE BY DEFLECTING JOINTS, BENDS SHALL BE USED.
- CONTRACTOR SHALL USE BENDS AS REQUIRED TO RESPOND TO CHANGES IN SLOPE AND TO PREVENT EXCESSIVE PIPE JOINT DEFLECTIONS. VERTICAL BENDS SHALL BE INSTALLED PER STANDARD PLAN. LOCAL HIGH POINTS IN THE WATER MAIN ARE PROHIBITED.
- A SHALLOW ROADSIDE DITCH/DRAINAGE PATH IS PRESENT ALONG A PORTION OF THE PROJECT. DITCH IS LOCATED WITHIN THE RIGHT-OF-WAY. THE CONTRACTOR SHALL TAKE SUCH STEPS AS REQUIRED TO MAINTAIN, PROTECT AND RESTORE DRAINAGE PATHS TO THEIR ORIGINAL OR BETTER CONDITION.
- SEE THE STANDARD PLANS BOUND IN THE PROJECT FOR ADDITIONAL REQUIREMENTS.
- THE CONTRACTOR SHALL PROVIDE EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED TO PREVENT SILTATION OF STORM DRAINAGE SYSTEMS OR NATURAL WATER COURSES. FACILITIES SHALL BE MAINTAINED, MOVED OR UPGRADED AS CONSTRUCTION PROGRESSES AND SHALL BE DEPENDENT ON WEATHER AND CLIMATIC CONDITIONS. MINIMUM FACILITIES SHALL INCLUDE SILT FENCES DOWNSTREAM OF CONSTRUCTION, COVERING STOCKPILED MATERIALS, FILTER FABRIC OR STRAW BALES AT CATCH BASIN GRATES, JUTE MATTING OR OTHER SLOPE PROTECTION MATERIAL. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND WITH GOOD CONSTRUCTION PRACTICES AND SHALL BE INSPECTED DAILY TO ASSURE PROPER OPERATION. ALL DISTURBED AREAS SHALL BE STABILIZED AGAINST EROSION PROMPTLY AND THOROUGHLY DURING PERIODS OF WET WEATHER WHEN WORK IS NOT BEING PERFORMED.
- THE CONTRACTOR SHALL COORDINATE ALL POWER POLE HOLDING WITH THE P.U.D. THE CONTRACTOR SHALL NOT HOLD ANY POWER POLES OR SUPPORT POLES.
- IT IS ANTICIPATED THAT NATIVE MATERIAL WILL BE SUITABLE FOR PIPE BEDDING. ACTUAL DETERMINATION OF SUITABILITY WILL BE DETERMINED BY THE CITY DURING CONSTRUCTION BASED ON OBSERVATION OF THE NATIVE MATERIAL.

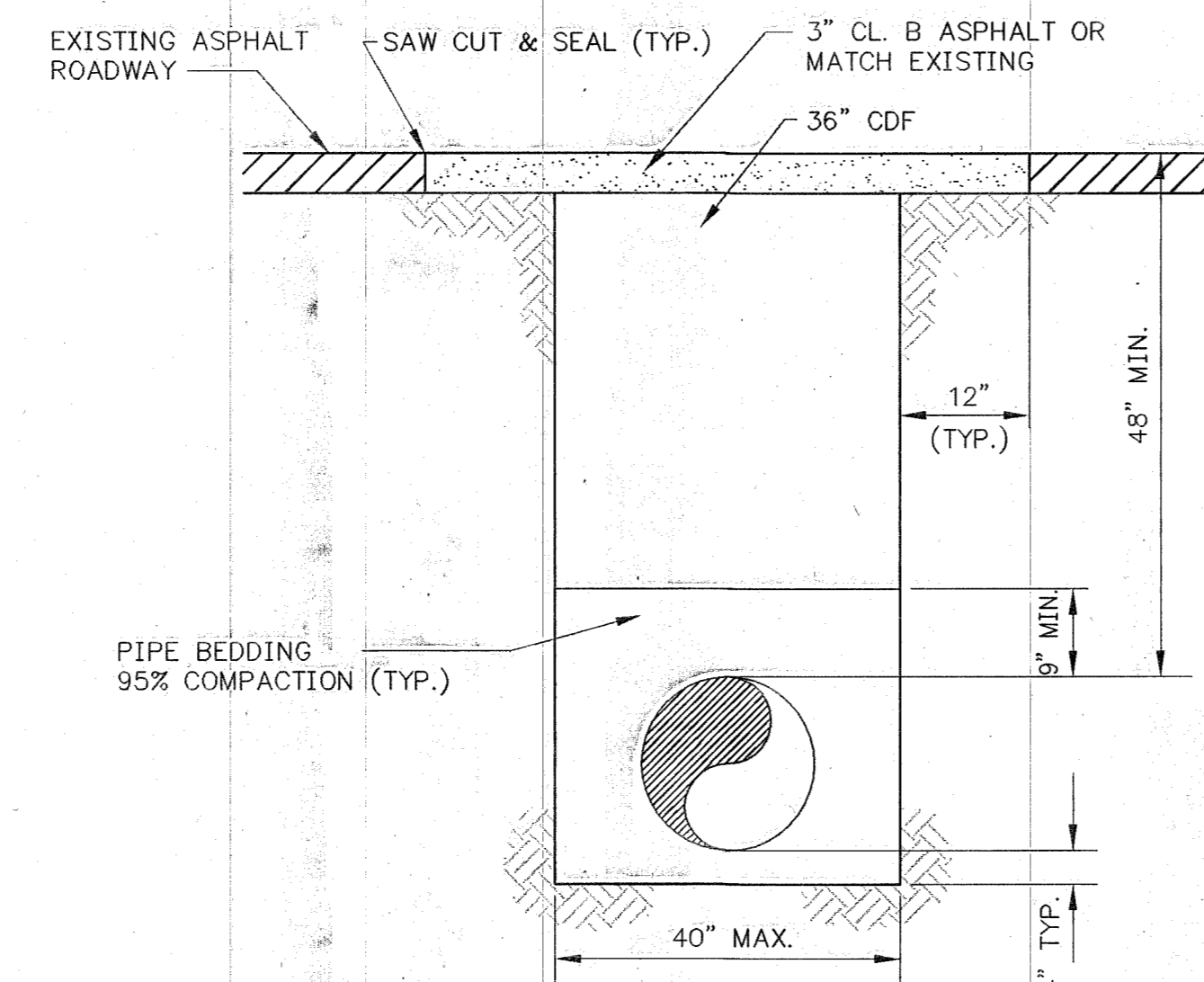
IF THE NATIVE MATERIAL IS JUDGED UNSUITABLE FOR PIPE BEDDING, IMPORTED PIPE BEDDING GRAVEL SHALL BE FURNISHED AND PLACED BY THE CONTRACTOR. SEE SANITARY SEWER MATERIAL SPECIFICATION NUMBER 4.

BEDDING SHALL EXTEND FROM 4" BELOW PIPE BELL TO 6" (9" UNDER CDF) OVER THE PIPE. WIDTH OF THE TRENCH SHALL BE LIMITED TO THE MAXIMUM AS SHOWN ON RIGID PIPE TYPICAL TRENCH DETAIL.

- IT IS ASSUMED THAT EXISTING EXCAVATED MATERIAL WILL BE SUITABLE FOR TRENCH BACKFILL. IF THE EXCAVATED MATERIAL IS JUDGED UNSUITABLE BY THE CITY, IMPORTED BACKFILL GRAVEL SHALL BE FURNISHED AND PLACED. SEE SANITARY SEWER MATERIALS SPECIFICATIONS NUMBER 4.

ALL TRENCH BACKFILL SHALL BE MECHANICALLY COMPACTED TO 95 PER CENT STANDARD DENSITY. NO WATER JETTING WILL BE ALLOWED. WIDTH OF THE TRENCH SHALL BE LIMITED TO THE MAXIMUM AS SHOWN ON THE RIGID PIPE TYPICAL TRENCH DETAIL.

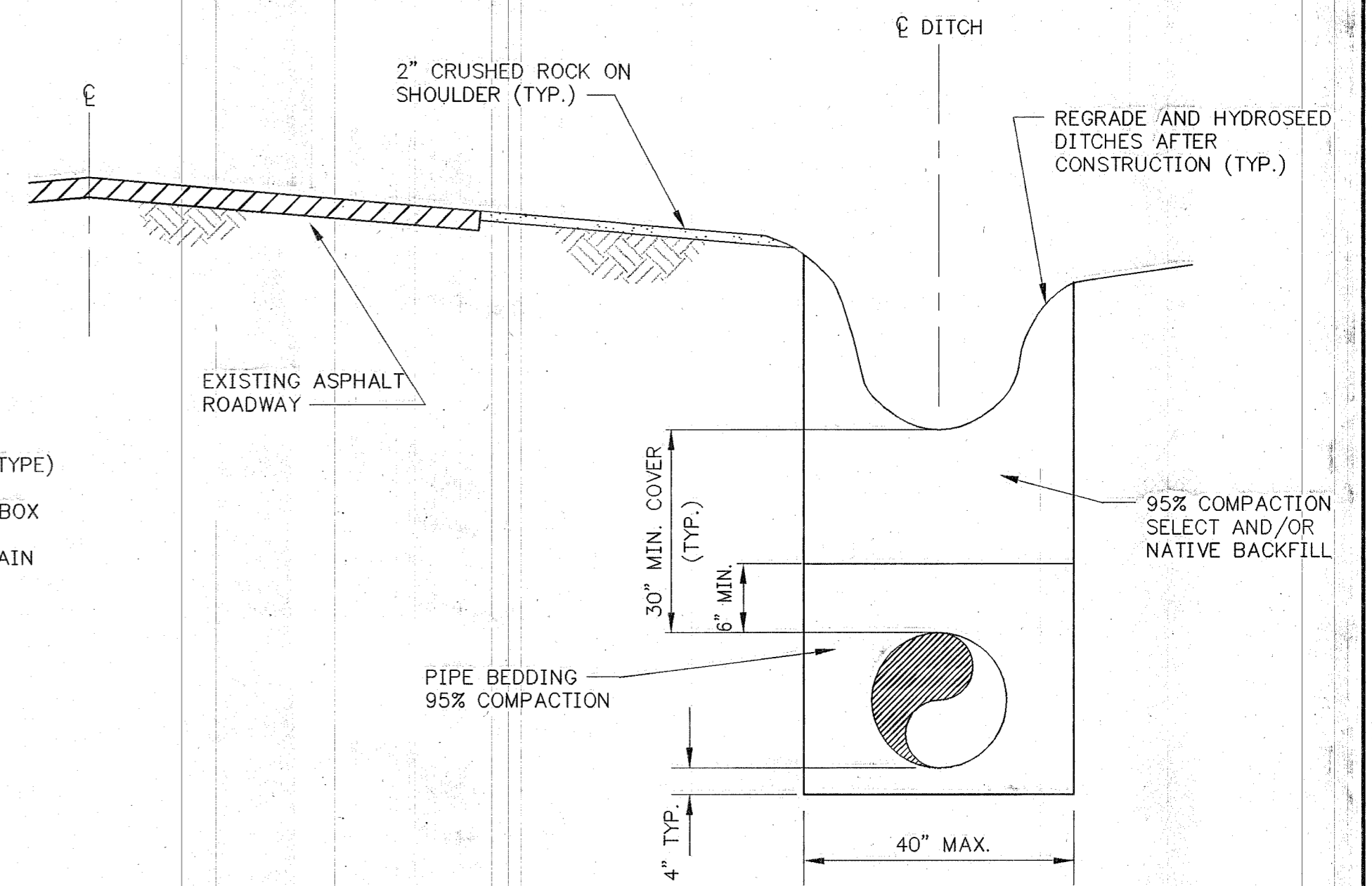
- PORTIONS OF THE PROJECT INVOLVE WORK IN THE RUNWAY PROTECTION ZONE (RPZ) FOR RUNWAY 11/29 (STATION 36+00 TO 44+00). THE CONTRACTOR SHALL COORDINATE ALL ACTIVITIES IN THE RPZ WITH THE AIRPORT OFFICE. ALL VEHICLES AND EQUIPMENT IN THE RPZ SHALL HAVE AND ORANGE AND WHITE CHECKERED FLAG OR ROTATING AMBER LIGHT. NO VEHICLES OR EQUIPMENT SHALL BE STORED OR PARKED IN THIS AREA AFTER HOURS. NO OPEN TRENCHES ARE ALLOWED DURING NON-WORKING HOURS.



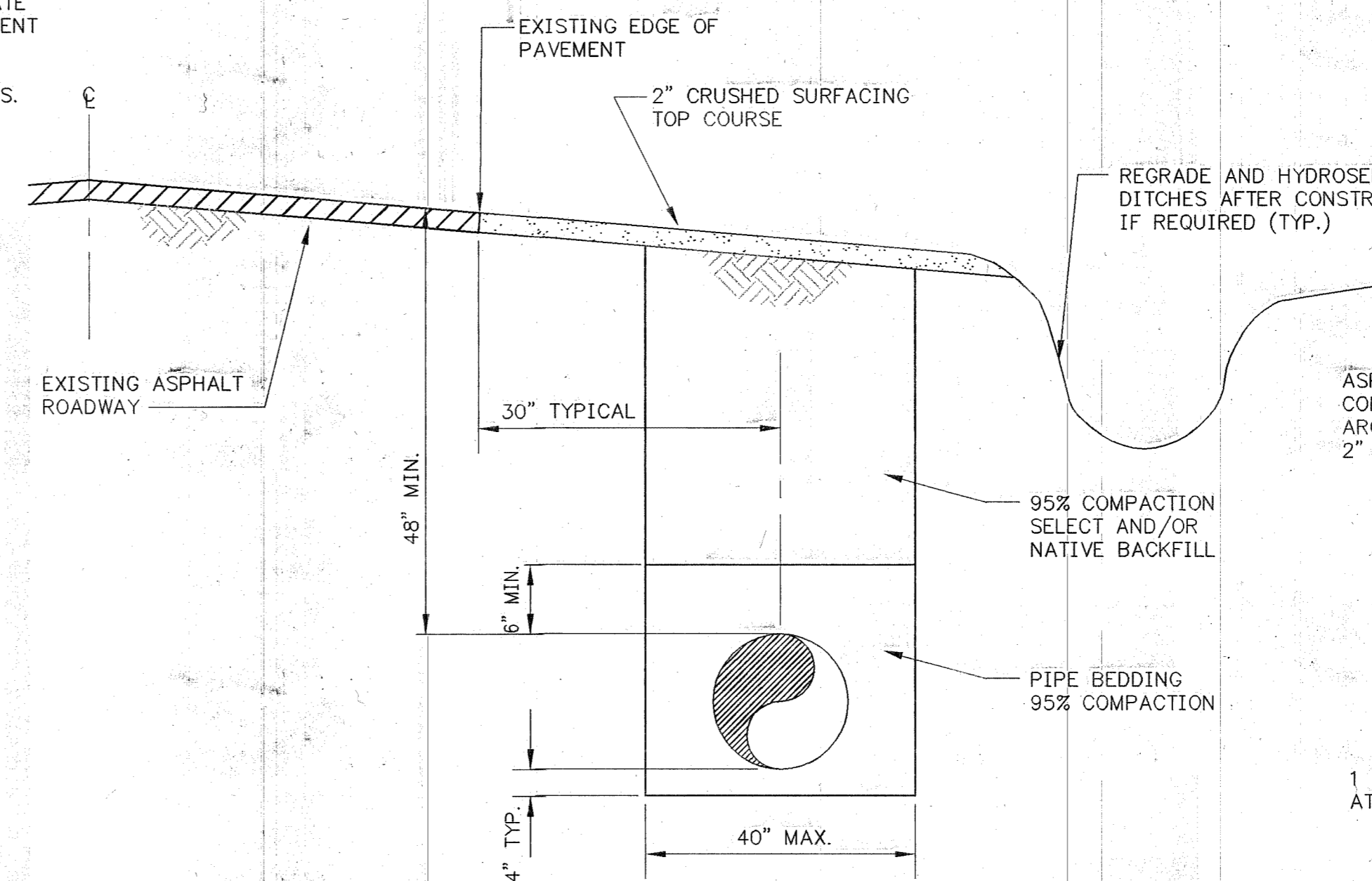
**TYPICAL ASPHALT ROAD CROSSING DETAIL**  
 NOT TO SCALE

**LEGEND**

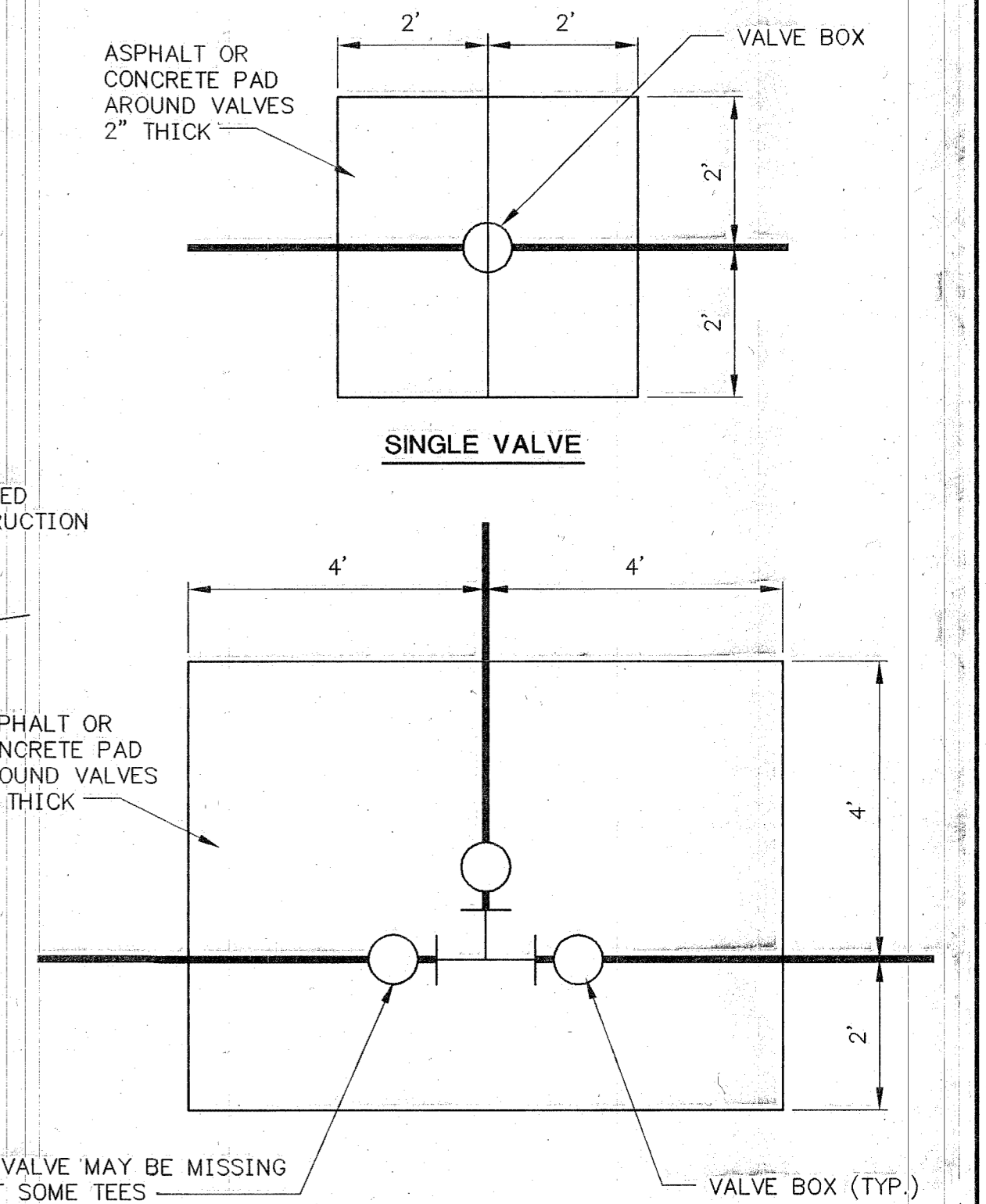
EXISTING	THIS PROJECT	DESCRIPTION
		FIRE HYDRANT
		GATE VALVE
		TEE
		BEND
		REDUCER
		SLEEVE
		THRUST BLOCK
		AIR AND VACUUM ASSEMBLY
		WATER MAIN (LENGTH, SIZE, TYPE)
		WATER SERVICE WITH METER BOX
		CATCH BASIN AND STORM DRAIN
		POWER POLE
		GUY
		SIGN
		GAS
		STORM DRAINAGE LINE
		DITCH
		ASPHALT PAVEMENT
		CONCRETE CURB
		GRAVEL
		FENCE
		TREE



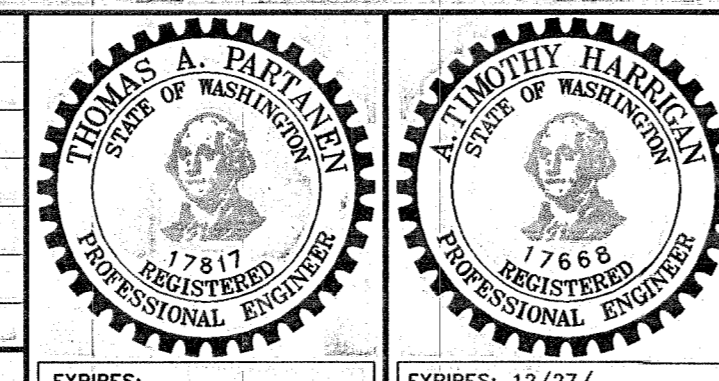
**TYPICAL CONSTRUCTION WITHIN DITCH LINE (IF REQUIRED)**  
 NOT TO SCALE



**TYPICAL CONSTRUCTION WITHIN CRUSHED ROCK ROADWAY SHOULDER**  
 NOT TO SCALE



**PAVED PADS AT VALVE BOXES**  
 NOT TO SCALE  
 REQUIRED WHEN VALVES ARE NOT IN A PAVED AREA



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VLG	02/03	TAP	07/03
Designed By	Date	Approved By	Date
TAP	02/03	ATH	07/03

**CITY OF ARLINGTON**

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Scale:	
Horiz.	N/A
Vert.	N/A
Job No.	30203

**CITY OF ARLINGTON**

**ARLINGTON AIRPORT WATER MAIN LOOP**

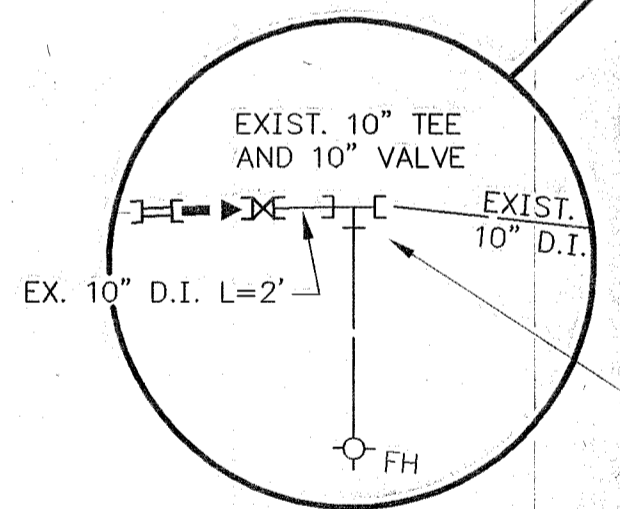
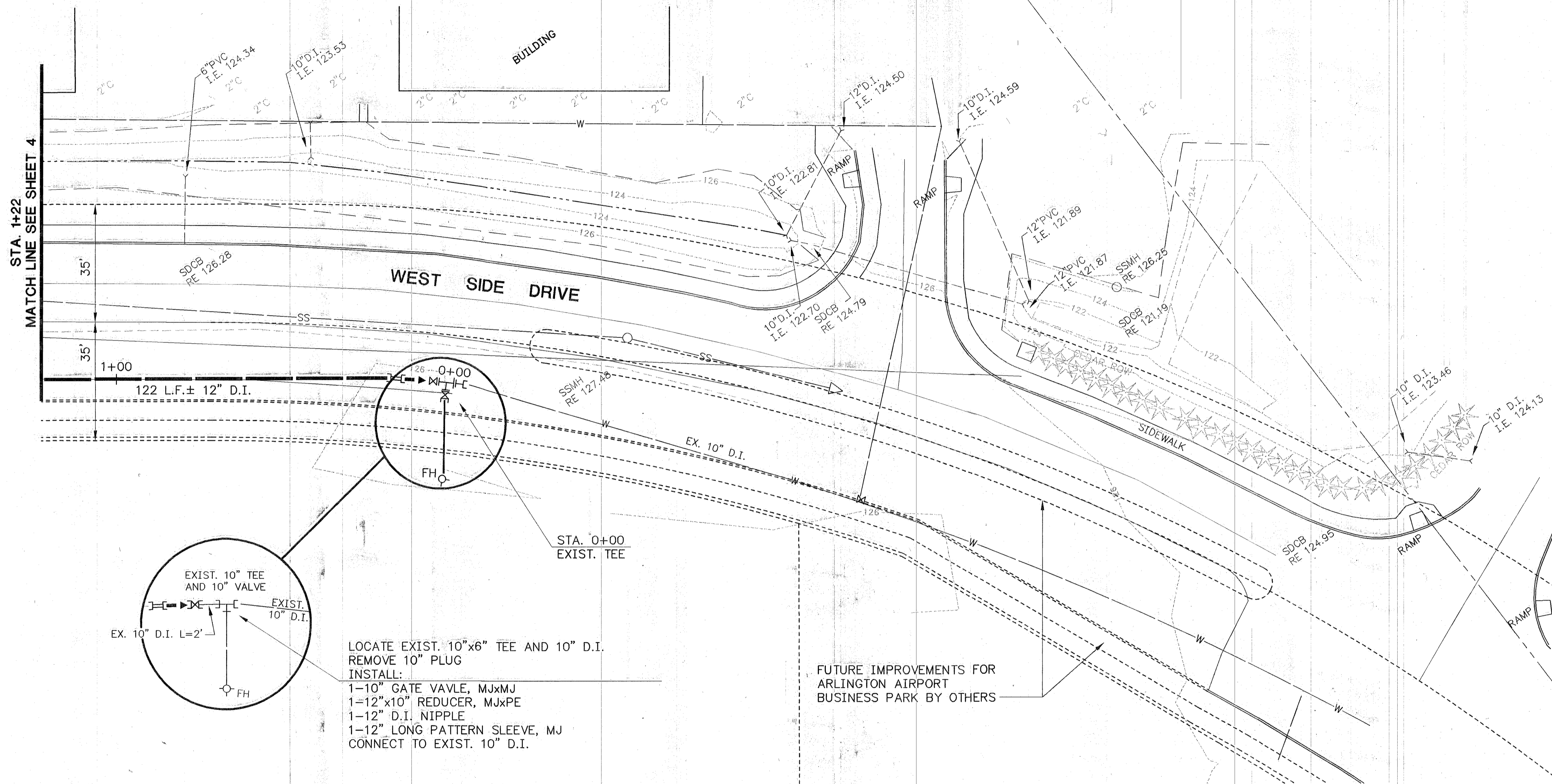
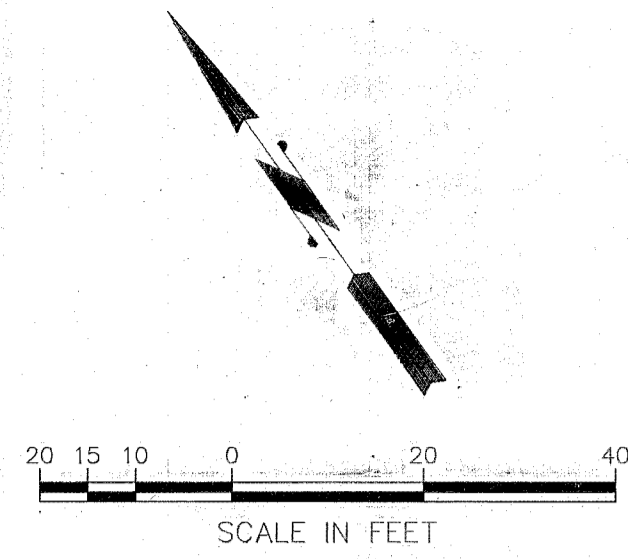
**GENERAL NOTES AND DETAILS**

Sheet **2**  
 Of **9**

30203-SHO20-ASB. 1:1 22x34 10/09/06

No.	Date	By	Ckd.	Appr.	Revision

A PORTION OF SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M. SNOHOMISH COUNTY WASHINGTON



LOCATE EXIST. 10"x6" TEE AND 10" D.I.  
 REMOVE 10" PLUG  
 INSTALL:  
 1-10" GATE VAVLE, MJxMJ  
 1-12"x10" REDUCER, MJxPE  
 1-12" D.I. NIPPLE  
 1-12" LONG PATTERN SLEEVE, MJ  
 CONNECT TO EXIST. 10" D.I.

FUTURE IMPROVEMENTS FOR  
 ARLINGTON AIRPORT  
 BUSINESS PARK BY OTHERS

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30203-SH-03-08-ASB 1:20 22x34 10/09/06

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1	1/10/08	VLG	TAP	TAP	ASBUILT CHANGES PER CITY OF ARLINGTON

THOMAS A. PARTANEN  
STATE OF WASHINGTON  
REGISTERED PROFESSIONAL ENGINEER  
EXPIRES: 12/27

TIMOTHY HAREGAN  
STATE OF WASHINGTON  
REGISTERED PROFESSIONAL ENGINEER  
EXPIRES: 12/27

**CHS**  
12507 BEL-RED ROAD SUITE 101  
BELLEVUE, WA 98005-2500  
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VLG	03/03	TAP	01/04
Designed By	Date	Approved By	Date
TAP	03/03	ATH	01/04

CITY OF ARLINGTON

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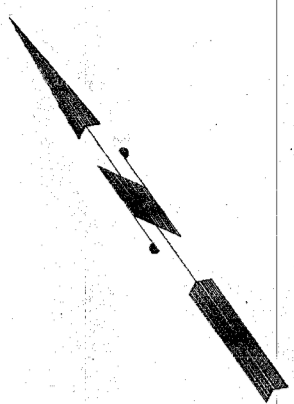
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 Job No. 30203

CITY OF ARLINGTON

ARLINGTON AIRPORT  
 WATER MAIN LOOP  
 WATER PLAN

Sheet **3**  
 Of **9**

A PORTION OF SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M. SNOHOMISH COUNTY WASHINGTON

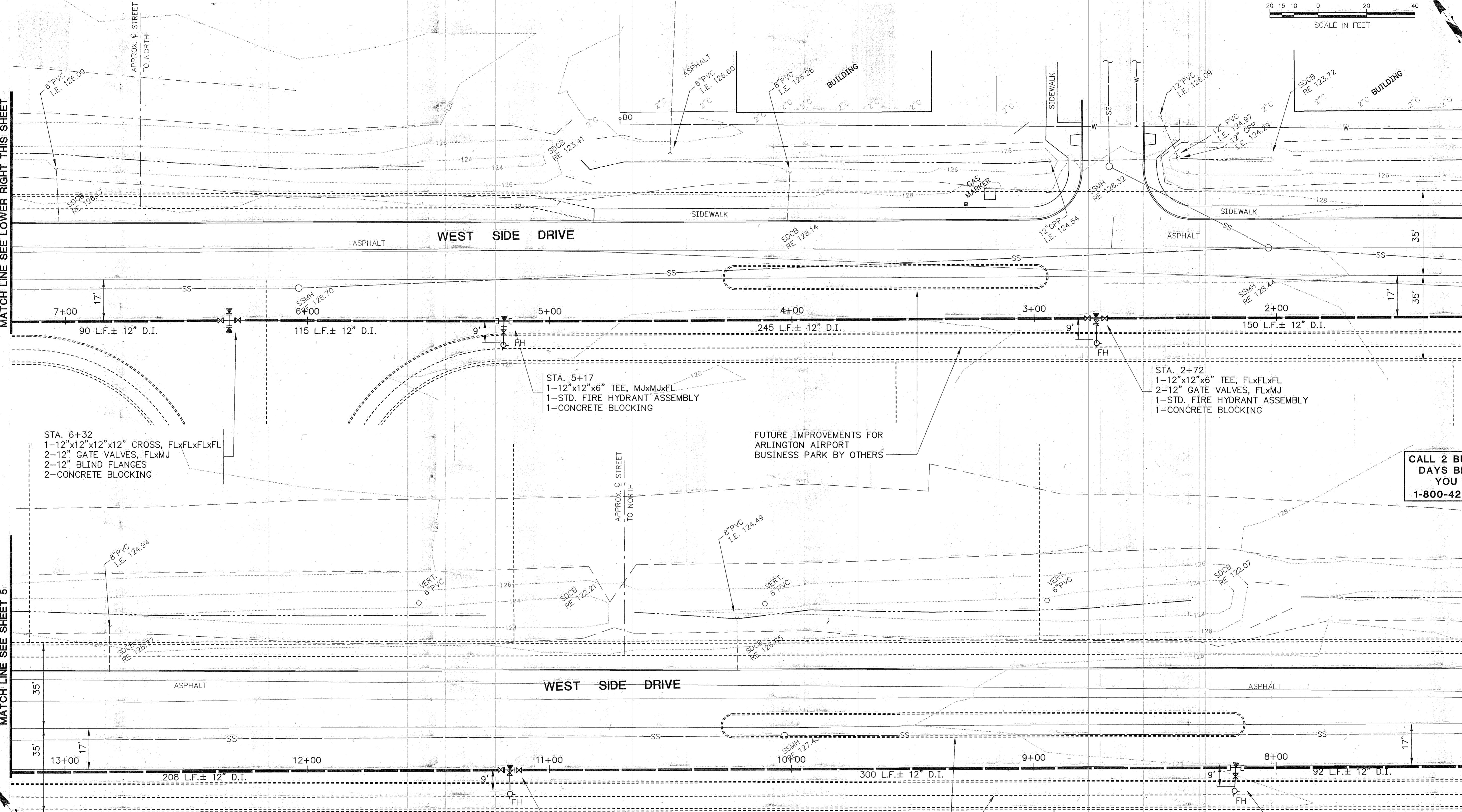


STA. 7+22  
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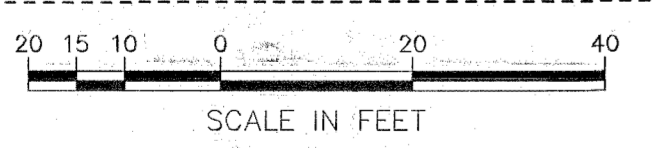
MATCH LINE SEE SHEET 3  
STA. 1+22

STA. 13+22  
MATCH LINE SEE SHEET 5

MATCH LINE SEE UPPER LEFT THIS SHEET  
STA. 7+22



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STA. 11+14  
1-12"x12"x6" TEE, FLxFLxFL  
2-12" GATE VALVES, FLxMJ  
1-STD. FIRE HYDRANT ASSEMBLY  
1-CONCRETE BLOCKING

STA. 8+14  
1-12"x12"x6" TEE, MJxMJxFL  
1-STD. FIRE HYDRANT ASSEMBLY  
1-CONCRETE BLOCKING

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THOMAS A. PARTENZA  
STATE OF WASHINGTON  
PROFESSIONAL ENGINEER  
EXPIRES: 12/27

TIMOTHY H. HARRISON  
STATE OF WASHINGTON  
PROFESSIONAL ENGINEER  
EXPIRES: 12/27

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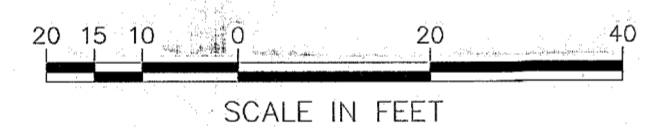
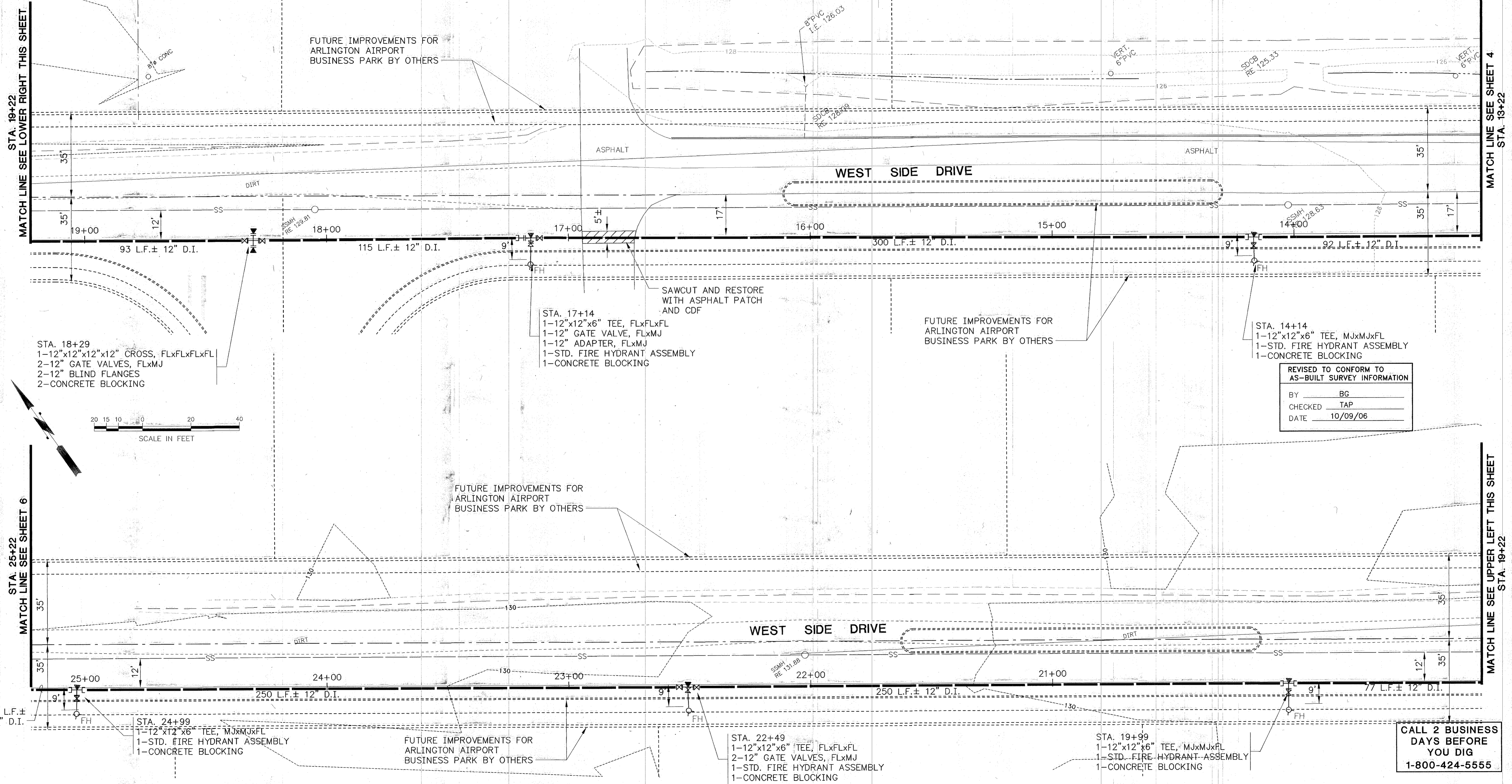
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CITY OF ARLINGTON

ARLINGTON AIRPORT  
WATER MAIN LOOP  
WATER PLAN

Sheet	4
Of	9

A PORTION OF SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M. SNOHOMISH COUNTY WASHINGTON

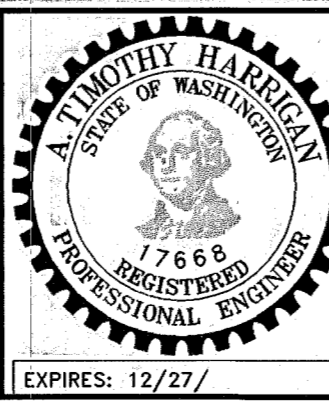
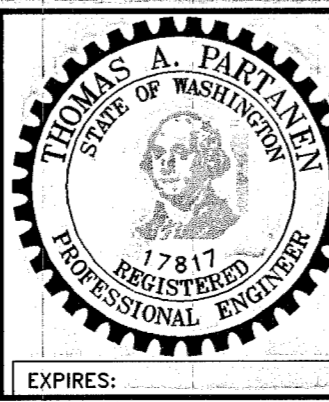


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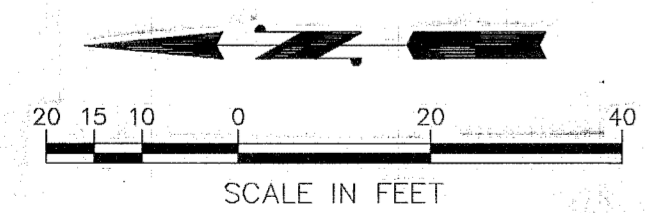
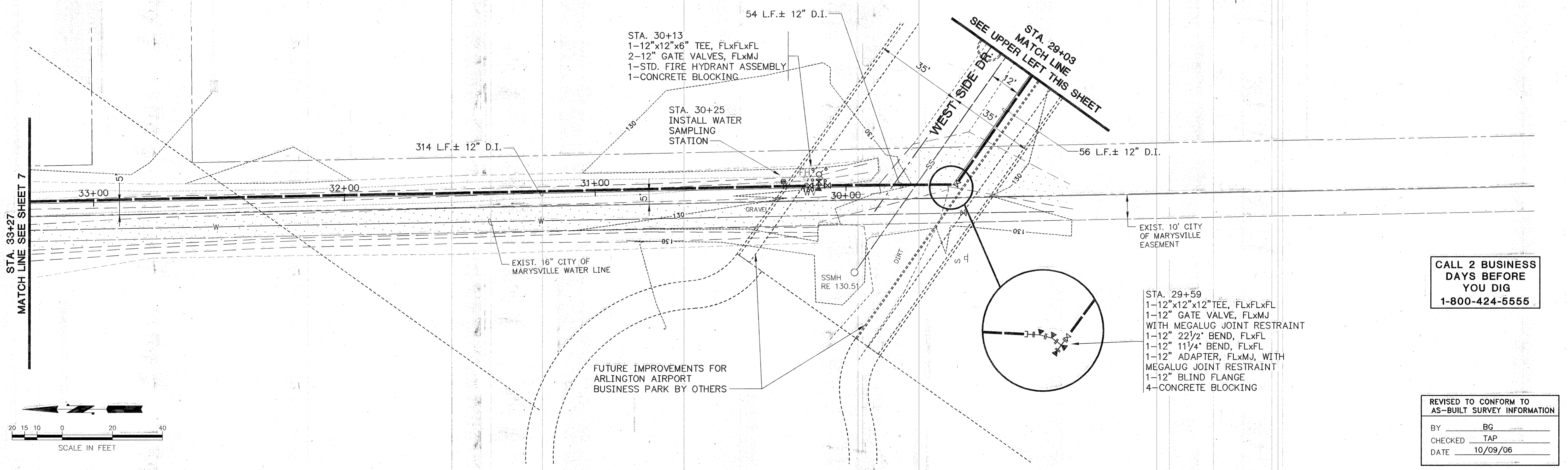
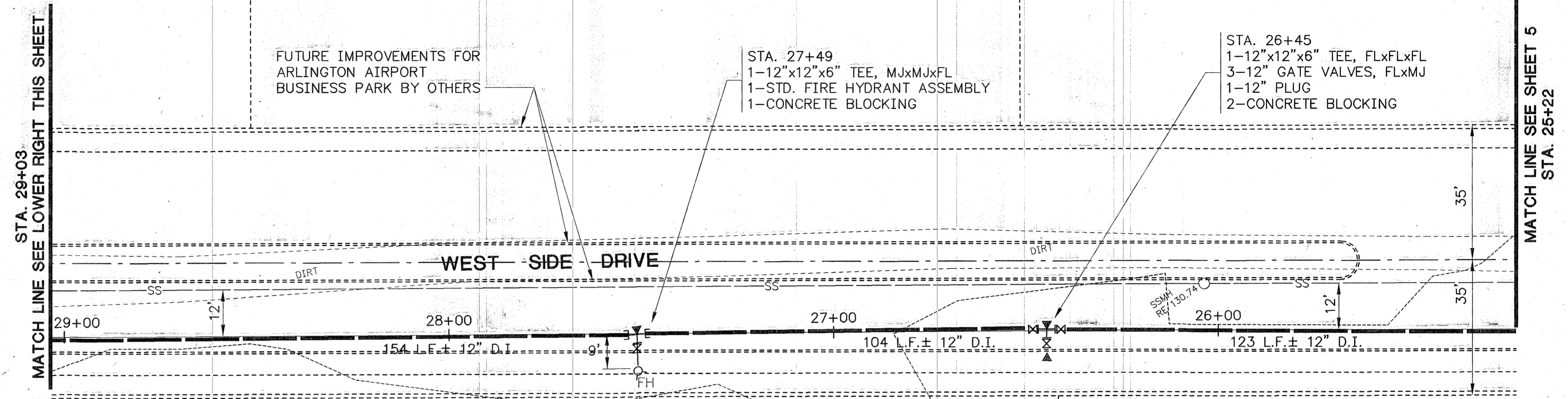
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CITY OF ARLINGTON

ARLINGTON AIRPORT  
 WATER MAIN LOOP  
 WATER PLAN

Sheet 5  
 Of 9

A PORTION OF SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M. SNOHOMISH COUNTY WASHINGTON



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THOMAS A. PARTON  
STATE OF WASHINGTON  
REGISTERED PROFESSIONAL ENGINEER  
EXPIRES: 12/27

TIMOTHY HAREZEN  
STATE OF WASHINGTON  
REGISTERED PROFESSIONAL ENGINEER  
EXPIRES: 12/27

**CHS**  
CHS ENGINEERS INC. 12507 BEL-RED ROAD SUITE 101  
BELLEVUE, WA 98005-2500  
TEL (425) 637-3693 FAX (425) 637-3694

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CITY OF ARLINGTON

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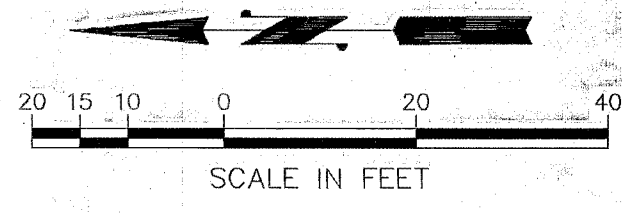
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Job No. 30203

CITY OF ARLINGTON

ARLINGTON AIRPORT  
WATER MAIN LOOP  
WATER PLAN

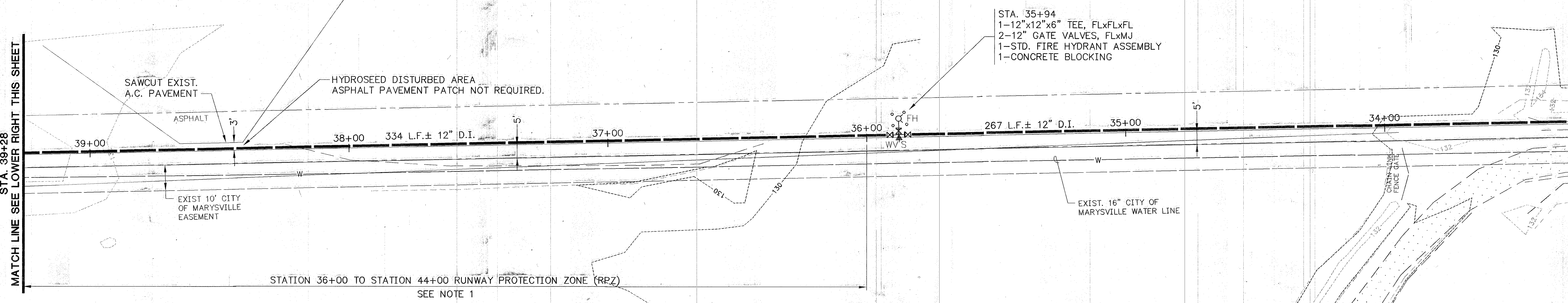
Sheet 6  
Of 9

A PORTION OF SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M. SNOHOMISH COUNTY WASHINGTON



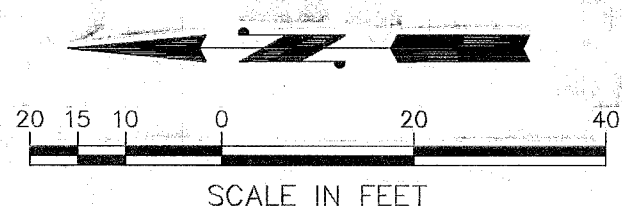
STA. 39+28  
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MATCH LINE SEE SHEET 6  
STA. 33+27



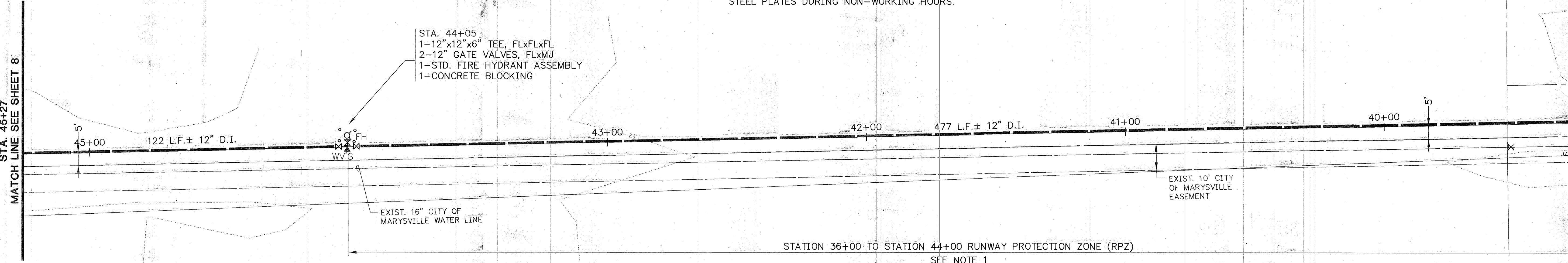
STATION 36+00 TO STATION 44+00 RUNWAY PROTECTION ZONE (RPZ)  
SEE NOTE 1

- NOTE 1:**
- \* FOR WORK IN THE RPZ, ALL ACTIVITIES IN THIS AREA SHALL BE COORDINATED WITH THE AIRPORT OFFICE.
  - \* ALL VEHICLES AND EQUIPMENT SHALL HAVE EITHER AN ORANGE AND WHITE CHECKERED FLAG OR A ROTATING AMBER LIGHT.
  - \* NO VEHICLES OR EQUIPMENT SHALL BE STORED OR PARKED IN THIS AREA AFTER HOURS.
  - \* NO STOCKPILES OF MATERIAL SHALL BE PLACED IN THIS AREA. THE RPZ MUST REMAIN FREE OF OBSTRUCTIONS.
  - \* NO OPEN TRENCHES ARE ALLOWED DURING NON-WORKING HOURS. TRENCHES MUST BE BACKFILLED OR COVERED AND SECURED WITH STEEL PLATES DURING NON-WORKING HOURS.



STA. 45+27  
MATCH LINE SEE SHEET 8

MATCH LINE SEE UPPER LEFT THIS SHEET  
STA. 39+28



STATION 36+00 TO STATION 44+00 RUNWAY PROTECTION ZONE (RPZ)  
SEE NOTE 1

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THOMAS A. PARTANEN  
REGISTERED PROFESSIONAL ENGINEER  
EXPIRES: 12/27/07

TIMOTHY HARDEMAN  
REGISTERED PROFESSIONAL ENGINEER  
EXPIRES: 12/27/07

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CHS ENGINEERS INC.

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CITY OF ARLINGTON

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

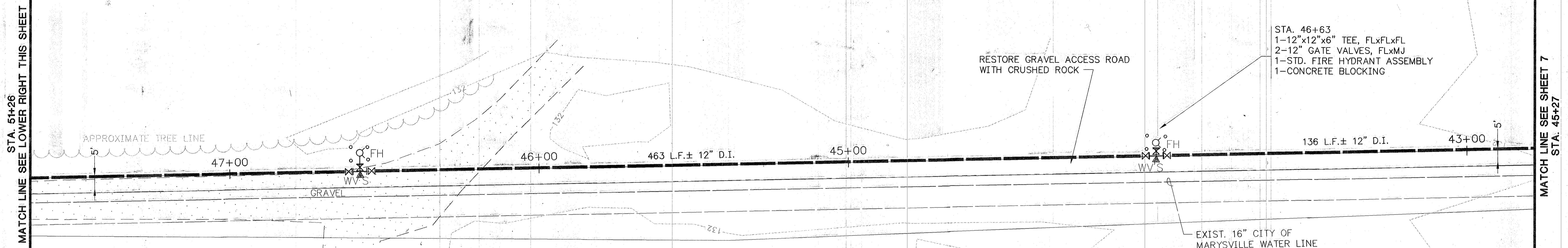
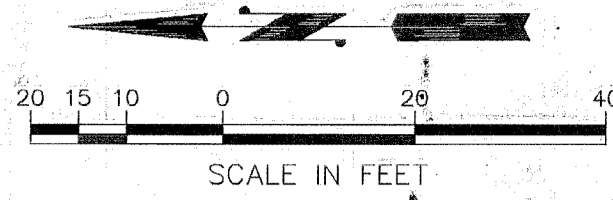
Scale:	
Horiz.	1"=20'
Vert.	N/A
Job No.	30203

CITY OF ARLINGTON

ARLINGTON AIRPORT  
WATER MAIN LOOP  
WATER PLAN

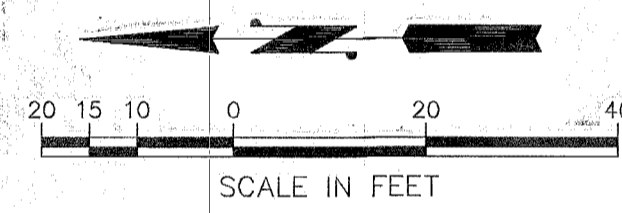
Sheet	7
Of	9

A PORTION OF SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M. SNOHOMISH COUNTY WASHINGTON



STA. 51+26  
MATCH LINE SEE LOWER RIGHT THIS SHEET

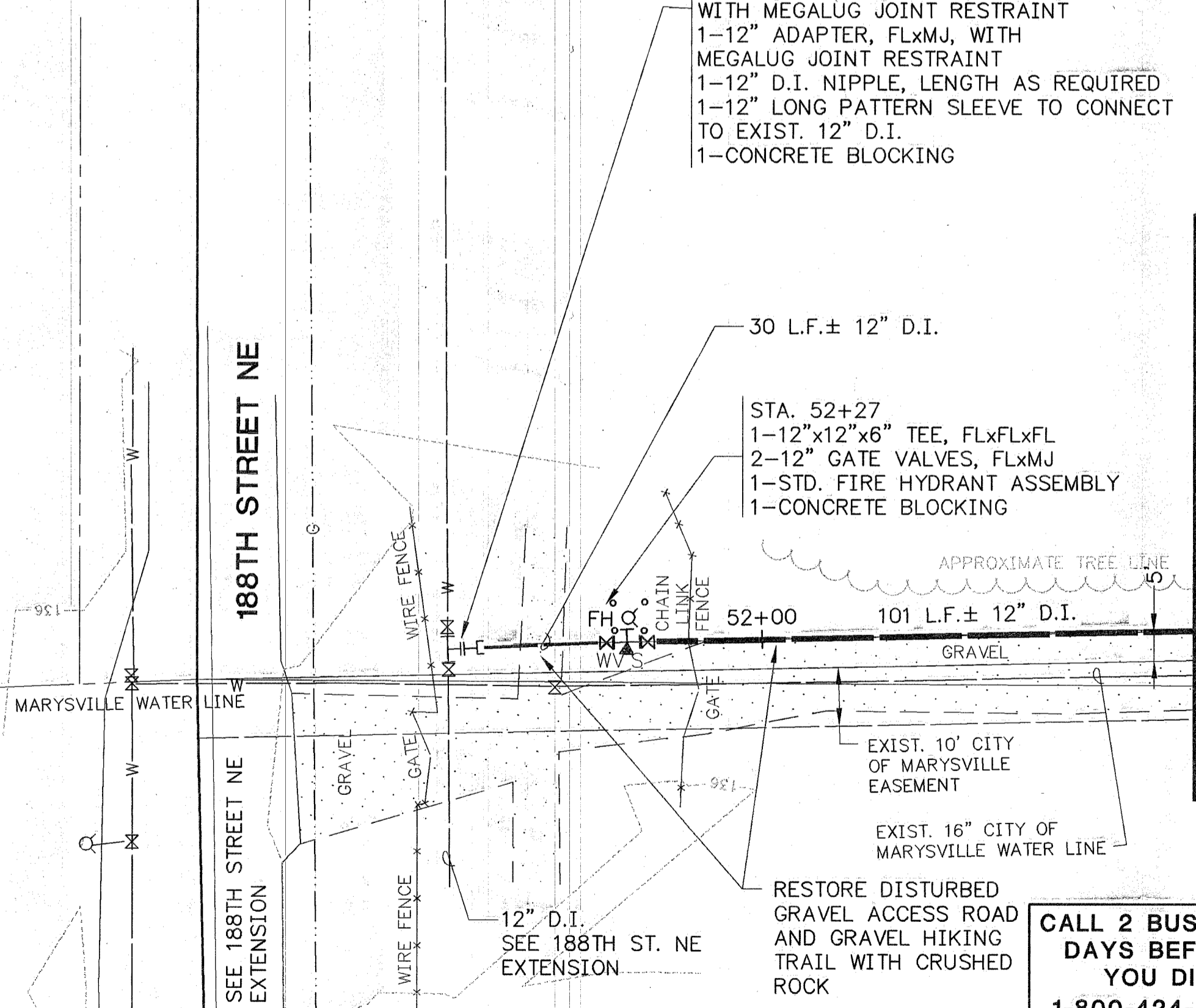
MATCH LINE SEE SHEET 7  
STA. 45+27



**\* NOTE 1**  
THIS CONNECTION IS BASED ON THE INSTALLATION OF THE EXISTING 12" D.I. WATER MAIN AS PROPOSED UNDER THE WALNUT RIDGE DIVISION 2 PROJECT. IF THAT PROJECT IS NOT COMPLETE AT THE TIME OF CONSTRUCTION OF THIS PROJECT, A PLUG AND CONCRETE BLOCKING SHALL BE INSTALLED AT THE 12" GATE VALVE IN LIEU OF 12" D.I. NIPPLE AND 12" LONG PATTERN SLEEVE.

**\* SEE NOTE 1**  
STA. 52+42  
LOCATE END OF 12" D.I. AND REMOVE BLOWOFF AND INTERFERING PORTIONS OF 12" D.I. AS REQUIRED  
INSTALL:  
1-12"x12"x12" TEE, FLxFLxFL  
2-12" GATE VALVE, FLxMJ  
WITH MEGALUG JOINT RESTRAINT  
1-12" ADAPTER, FLxMJ, WITH MEGALUG JOINT RESTRAINT  
1-12" D.I. NIPPLE, LENGTH AS REQUIRED  
1-12" LONG PATTERN SLEEVE TO CONNECT TO EXIST. 12" D.I.  
1-CONCRETE BLOCKING

30 L.F. ± 12" D.I.  
STA. 52+27  
1-12"x12"x6" TEE, FLxFLxFL  
2-12" GATE VALVES, FLxMJ  
1-STD. FIRE HYDRANT ASSEMBLY  
1-CONCRETE BLOCKING



MATCH LINE SEE UPPER LEFT THIS SHEET  
STA. 51+26

REVISED TO CONFORM TO  
AS-BUILT SURVEY INFORMATION  
BY: BG  
CHECKED: TAP  
DATE: 10/09/06

**CALL 2 BUSINESS DAYS BEFORE YOU DIG**  
1-800-424-5555

30203-SH-03-09-ASB 1:20 22x34 10/09/06

No.	Date	By	Ckd.	Appr.	Revision
1	1/10/08	VLG	TAP	TAP	ASBUILT CHANGES PER CITY OF ARLINGTON

THOMAS A. PAPPALARDO  
STATE OF WASHINGTON  
REGISTERED PROFESSIONAL ENGINEER  
7817  
EXPIRES: 12/27

TIMOTHY H. HADDEN  
STATE OF WASHINGTON  
REGISTERED PROFESSIONAL ENGINEER  
17668  
EXPIRES: 12/27

**CHS**  
CHS ENGINEERS INC. TEL (425) 637-3693 FAX (425) 637-3694

12507 BEL-RED ROAD SUITE 101  
BELLEVUE, WA 98005-2500

Drawn By	Date	Checked By	Date
VLG	12/07/05	TAP	07/03
Designed By	Date	Approved By	Date
TAP	03/03	ATH	07/03

**CITY OF ARLINGTON**

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

**CITY OF ARLINGTON**

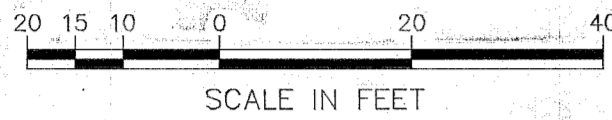
**ARLINGTON AIRPORT  
WATER MAIN LOOP  
AS-BUILT**

Sheet	8
Of	9
F.B.	224



A PORTION OF SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M. SNOHOMISH COUNTY WASHINGTON

NOTE:  
CONTRACTOR TO COORDINATE WITH CITY OF ARLINGTON AND CITY OF MARYSVILLE FOR ABANDONMENT AND DISCONNECTION OF FACILITIES IN THIS AREA.  
INSTALL PLUGS AND CAPS AS NECESSARY.



LOCATE EXIST. TEE AT FIRE HYDRANT  
REMOVE 12" PLUG  
INSTALL:  
1-12' D.I. NIPPLE, LENGTH AS REQUIRED  
APPROX. 2'  
1-12' LONG PATTERN SLEEVE  
CONNECT TO EXIST. 12" TEE, MJ

RESTORE GRAVEL SHOULDER WITH CRUSHED ROCK

RESTORE GRAVEL HIKING TRAIL WITH CRUSHED ROCK

INSTALL STA. 2" WATER SERVICE PER STD. DETAIL. LENGTH AS REQUIRED

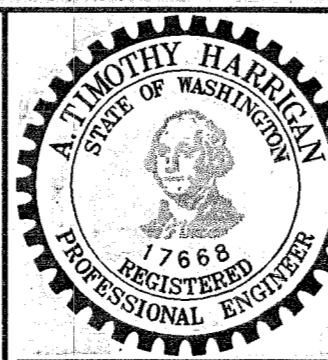
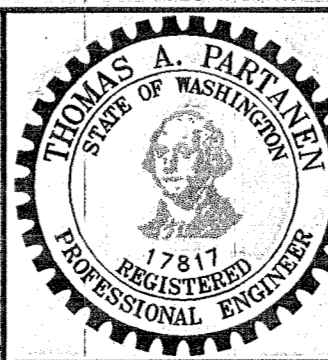
NOTE:  
UNDERGROUND ELECTRIC AND TELEPHONE ARE PRESENT IN THIS AREA

STA. 69+24  
MATCH LINE SEE UPPER RIGHT THIS SHEET

MATCH LINE SEE LOWER LEFT THIS SHEET  
STA. 69+24

CALL 2 BUSINESS DAYS BEFORE YOU DIG  
1-800-424-5555

REVISED TO CONFORM TO AS-BUILT SURVEY INFORMATION  
BY: BG  
CHECKED: TAP  
DATE: 10/09/06



**CHS**  
12507 BEL-RED ROAD SUITE 101  
BELLEVUE, WA 98005-2500  
CHS ENGINEERS INC. TEL (425) 637-3693 FAX (425) 637-3694

CITY OF ARLINGTON  
APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

Scale:  
Horiz. 1"=20'  
Vert. N/A  
Job No. 300502

CITY OF ARLINGTON  
ARLINGTON AIRPORT WATER MAIN LOOP AS-BUILT

Sheet 9  
Of 9  
F.B. 224

30203-SH-03-09 1:20 22x34 10/09/06

No.	Date	By	Ckd.	Appr.	Revision
1	1/10/08	VLG	TAP	TAP	ASBUILT CHANGES PER CITY OF ARLINGTON