

8222

AS BUILT

SR 9

**SR 531/1/2ND ST NE & EAGLEFIELD DR
INTERSECTION IMPROVEMENT & PAVING**

Washington State Department of Transportation
Olympia, Washington 98504

Scale: Horiz. 1 inch = _____ feet Vert. 1 inch = _____ feet
MP to MP Constructed Length miles(s)
Contract No. F.A. No. Contractor
Work Begun Work Completed
Project Engineer Region Administrator
Approved Date

Secretary of Transportation

C-8222

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PLAN
REFERENCE
NO.

SHEET
OF

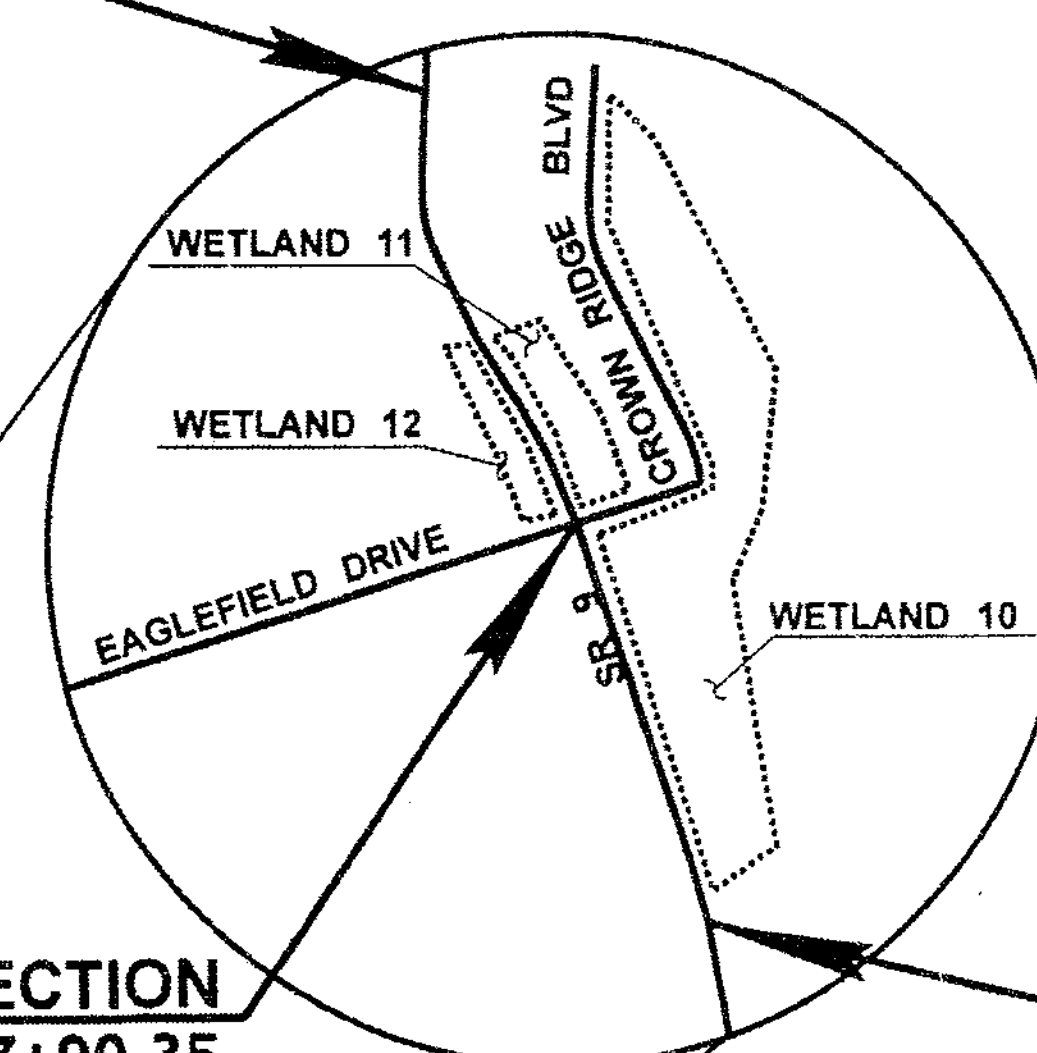
SHEETS

NOTE: ALL SHEET REFERENCES, FIRST NOS. OF STRUCTURE CODE DESIGNATIONS AND MATCH LINE SHEET REFERENCES, ETC., THROUGHOUT THE PLANS, REFER TO THE ENTRY IN THE PLAN REFERENCE NUMBER BOX.

FILE NAME I:\Projects\XL3325_SR9_SR531_172nd_St_NE_In\CAD\PS&ESheets\XL3325_INDEX_VICINITY_MAP.dgn		REGION NO. 10		STATE WASH	FED.AID PROJ.NO.							SR 9		Plot 2
TIME 12:54:34 PM	DATE 9/19/2011											SR 531/172ND ST NE & EAGLEFIELD DR		PLAN REF NO 11
PLOTTED BY solwolk	DESIGNED BY M.GUNN											INTERSECTION IMPROVEMENT & PAVING		SHEET 1
ENTERED BY K.SOLWOLD	CHECKED BY J.KORESKI													OF 230
PROJ. ENGR. S.SPAHR	REGIONAL ADM. LENG													SHEETS
REVISION		DATE		BY	LOCATION NO.		DATE		DATE		Washington State Department of Transportation		INDEX - VOLUME 1	
							P.E. STAMP BOX		P.E. STAMP BOX					

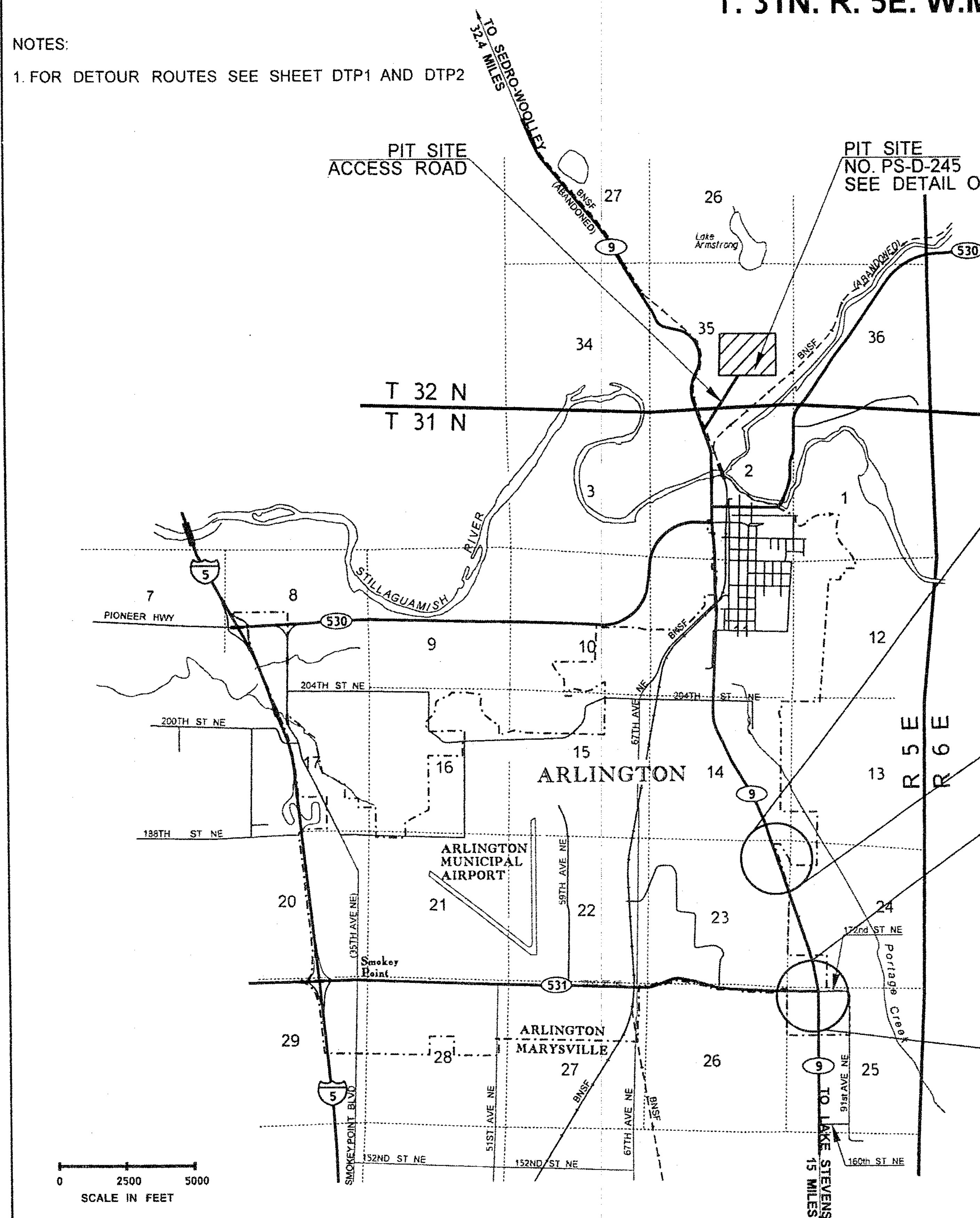
1. FOR DETOUR ROUTES SEE SHEET DTP1 AND DTP2

END PROJECT
SR 9 MP 27.07
STA. A 863+77.00



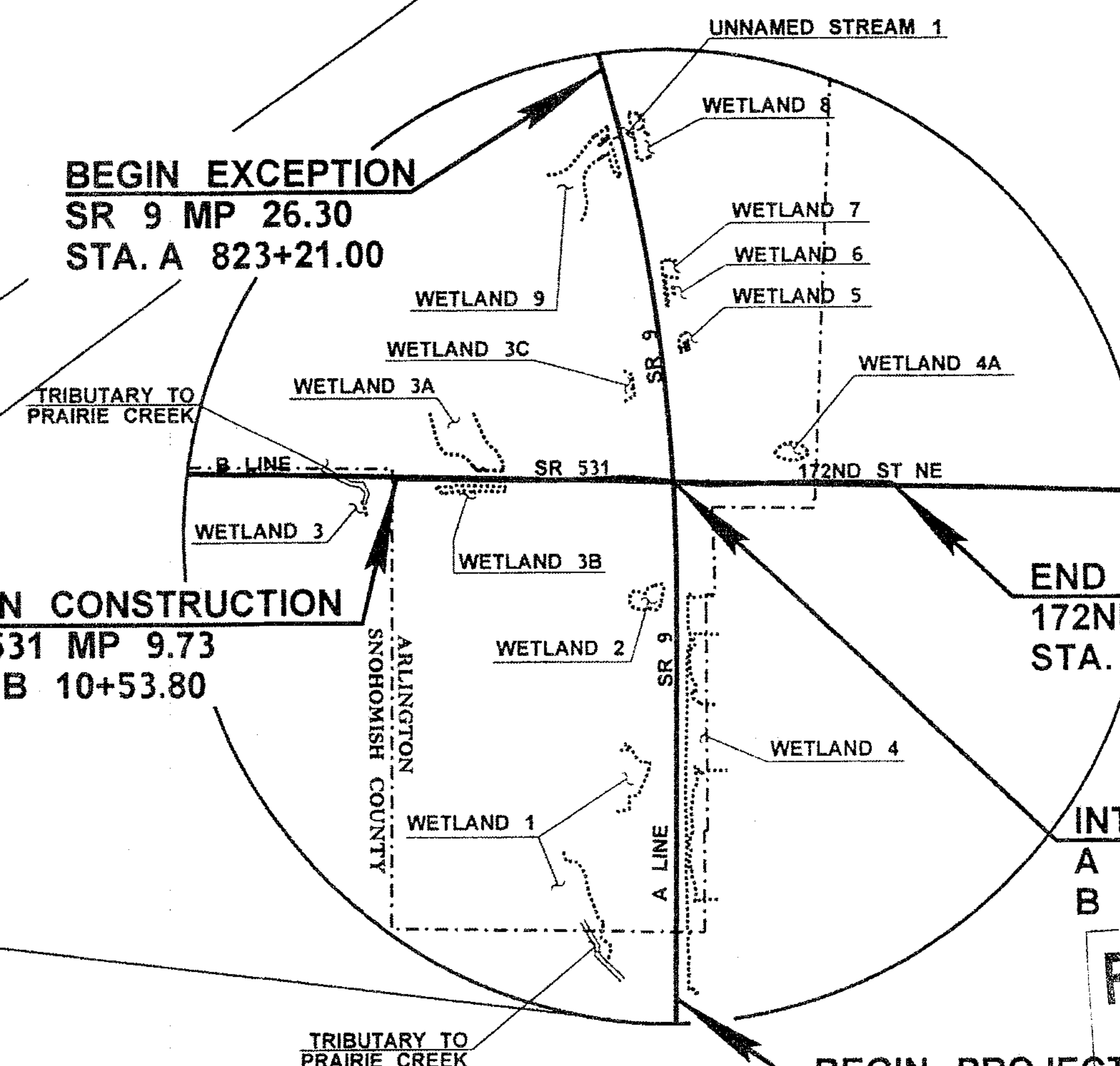
INTERSECTION
STA. A 857+90.35

END EXCEPTION
SR9 MP 26.83
STA. A 851+45.00



BEGIN EXCEPTION
SR 9 MP 26.30
STA. A 823+21.00

BEGIN CONSTRUCTION
SR 531 MP 9.73
STA. B 10+53.80



END CONSTRUCTION
172ND ST NE
STA. B 24+02.00

INTERSECTION
A 810+01.20 =
B 18+76.95

FOR "AS CONSTRUCTED"
PLANS ONLY

BEGIN PROJECT
SR 9 MP 25.75
STA. A 794+50.00

[illegible]

SUMMARY OF QUANTITIES

DOT_RGG900

10/26/2011

ITEM NO	TOTAL QUANTITY	SUB-TOTAL * SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL ** SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1 SR 9 (A 794+50 TO A 796+68)	GROUP 2 SR 9 (A 796+68 TO A 823+21)	GROUP 3 SR 531 (B 10+54 TO B 15+50)	GROUP 4 172ND ST (B 21+80 TO B 23+04)	GROUP 5 172ND ST (B 23+04 TO B 24+02)	GROUP 6 UT01495 W/ ARLINGTON (B 10+54 - B 15+50)	GROUP 7 UT01495 W/ ARLINGTON (B 15+50 - B 21+80)	GROUP 8 UT01495 W/ ARLINGTON (B 21+80 - B 23+04)	GROUP 9 WSDOT PIT SITE PS-D-245	GROUP 10 SR 9 MP 26.83 TO MP 27.07	GROUP 11 THIRD PARTY DAMAGES					
PREPARATION																						
1	LUMP SUM	LUMP SUM	LUMP SUM	0001	L.S.	MOBILIZATION	L.S.	L.S.	L.S.	L.S.	L.S.				L.S.	L.S.						
2	LUMP SUM	LUMP SUM			L.S.	MOBILIZATION FOR AGREEMENT 01495						L.S.	L.S.	L.S.								
3	6.34	6.24	0.10	0025	ACRE	CLEARING AND GRUBBING	0.10	4.44	1.05	0.40	0.35											
4	0.04	0.04			ACRE	CLEARING AND GRUBBING FOR AGREEMENT 01495						0.01	0.02	0.01								
5	LUMP SUM	LUMP SUM		0050	L.S.	REMOVAL OF STRUCTURE AND OBSTRUCTION		L.S.	L.S.								L.S.					
6	7560.00	7560.00		0120	S.Y.	REMOVING ASPHALT CONC. PAVEMENT		6,640.00	190.00								730.00					
7	15540.00	15540.00		0187	L.F.	REMOVING PAINT LINE		13,170.00	1,940.00	110.00	110.00						210.00					
8	3580.00	3580.00		0190	L.F.	REMOVING PLASTIC LINE											3,580.00					
9	20.00	20.00		0200	EACH	REMOVING PLASTIC TRAFFIC MARKING		8.00									12.00					
10	990.00	990.00		0203	S.F.	REMOVING PAINTED CROSSWALK LINE		990.00														
11	740.00	740.00		0204	S.F.	REMOVING PLASTIC CROSSWALK LINE											740.00					
12	2330.00	2330.00		0230	L.F.	REMOVING WIRE FENCE		1,920.00	290.00	60.00	60.00											
13	13.00	13.00			EACH	REMOVING CATCH BASIN		10.00	2.00	1.00												
14	1560.00	1560.00			L.F.	REMOVING STORM SEWER PIPE		1,560.00														
15	LUMP SUM	LUMP SUM			L.S.	REMOVING TEMPORARY PAVING AREAS		L.S.														
16	LUMP SUM	LUMP SUM			L.S.	REMOVAL OF EXISTING WATER MAIN FOR AGREEMENT 01495						L.S.	L.S.	L.S.								
GRADING																						
17	18450.00	18360.00	90.00	0310	C.Y.	ROADWAY EXCAVATION INCL. HAUL	90.00	15,670.00	1,260.00	620.00	550.00						260.00					
18	740.00	740.00		0350	C.Y.	UNSUITABLE FOUNDATION EXCAVATION INCL. HAUL		610.00	130.00													
19	14150.00	14070.00	80.00	0408	TON	SELECT BORROW INCL. HAUL	80.00	12,480.00	1,550.00	20.00	20.00											
20	122.00	122.00		0440	TON	SAND DRAINAGE BLANKET		122.00														
21	5550.00	5500.00	50.00	0470	C.Y.	EMBANKMENT COMPACTION	50.00	5,190.00	310.00													
22	5286.00	5286.00			S.F.	GEOSYNTHETIC CLAY LINER		5,286.00														
DRAINAGE																						
23	3.00	3.00		1046	EACH	CONCRETE INLET		3.00														
24	1.00	1.00		1054	EACH	GRATE INLET TYPE 2		1.00														
25	1.00	1.00		1058	EACH	DROP INLET TYPE 1		1.00														
26	3000.00	3000.00		1086	TON	QUARRY SPALLS		2,090.00	910.00													
27	74.00	74.00		1160	L.F.	UNDERDRAIN PIPE 6 IN. DIAM.		74.00														
28	173.00	173.00		1180	L.F.	SCHEDULE A CULV. PIPE 12 IN. DIAM.		84.00	89.00													
STORM SEWER																						
29	1.00	1.00		3090	EACH	CATCH BASIN TYPE 2 54 IN. DIAM. WITH FLOW RESTRICTOR		1.00														
30	25.00	25.00		3091	EACH	CATCH BASIN TYPE 1		20.00	4.00	1.00												
31	7.00	7.00		3105	EACH	CATCH BASIN TYPE 2 48 IN. DIAM.		4.00	3.00													
32	3679.00	3679.00		3151	L.F.	TESTING STORM SEWER PIPE		2,764.00	848.00	34.00	33.00											
33	3579.00	3579.00		3541	L.F.	SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.		2,664.00	848.00	34.00	33.00											
34	100.00	100.00		3542	L.F.	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM.		100.00														
35	1.00	1.00			EACH	CONICAL OVERFLOW RACK		1.00														
36	LUMP SUM	LUMP SUM			L.S.	DETENTION VAULT			L.S.													
SANITARY SEWER																						
37	888.00	888.00			L.F.	TESTING SEWER PIPE FOR AGREEMENT 01495						372.00	516.00									
38	888.00	888.00			L.F.	PVC SANITARY SEWER PIPE 12 IN. DIAM. FOR AGRMNT 01495						372.00	516.00									
39	5.00	5.00			EACH	MANHOLE JOINT SEALING FOR AGREEMENT 01495							5.00									

Preliminary Quantities Only
See Final Record Book 1
for Actual Quantities

FOR "AS CONSTRUCTED
PLAN"

GROUP LEGEND:

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	009	313200	**	STATE AZ
2	009	313202	*	STATE AZ
3	531	312901	*	STATE AZ
4	000	3100CT	*	STATE AZ
5	000	3100CY	*	STATE AZ
6	531	312901	*	CITY OF ARLINGTON
7	009	313202	*	CITY OF ARLINGTON
8	000	3100CT	*	CITY OF ARLINGTON

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
9	009	315L00	**	STATE AZ
10	009	313202	*	STATE AA
11	009	313202	*	STATE AZ

10/25/11	REVISED ITEM 73	LS	REGION	STATE	FEDERAL AID PROJECT NO.	Washington State Department of Transportation	SR 9 SR531 / 172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING	SQ1
10/25/11	REV QTY'S NO 18, 26, 34, 36, 37, 39, 95, 98, 106, 107, 187	JL	10	WA				
10/26/11	ADDED ITEM 195	JL						
						SUMMARY OF QUANTITIES		SHEET 3 OF 230 SHEETS
DATE	REVISION	BY						

10/26/2011

Preliminary Quantities Only
See Final Record Book 1
for Actual Quantities

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
9	000	31SL00	**	STATE AZ
10	009	313202	*	STATE AA
11	009	313202	*	STATE AZ

10/25/11	REVISED ITEM 73	LS	REGION	STATE	FEDERAL AID PROJECT. NO.	Washington State Department of Transportation	SR 9 SR531 / 172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING	SUMMARY OF QUANTITIES	SQ2	
10/25/11	REV. QTY'S NO. 13, 26, 84, 86, 87, 89, 95, 98, 106, 107, 187	JL	10	WA					JOB NUMBER 10A042/10	SHEET 4
10/26/11	ADDED ITEM 185	JL							CONTRACT NO 008222	OF 230
DATE	REVISION	BY								

10/26/2011

10/25/11	REVISED ITEM 73	LS	REGION	STATE	FEDERAL AID PROJECT NO.	Washington State Department of Transportation	SR 9 SR531 / 172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING	SUMMARY OF QUANTITIES	SQ3
10/25/11	REV. QTY'S NO 18, 26, 64, 86, 87, 89, 95, 98, 106, 107, 187	JE	10	WA					SHEET
10/26/11	ADDED ITEM 195	JE							5
									OF
									230
DATE	REVISION	BY	JOB NUMBER 10A042/10		CONTRACT NO 008222				SHEETS

9/29/2011

Preliminary Quantities Only
See Final Record Book 1
for Actual Quantities

FOR "AS CONSTRUCTED
PLANS ONLY"

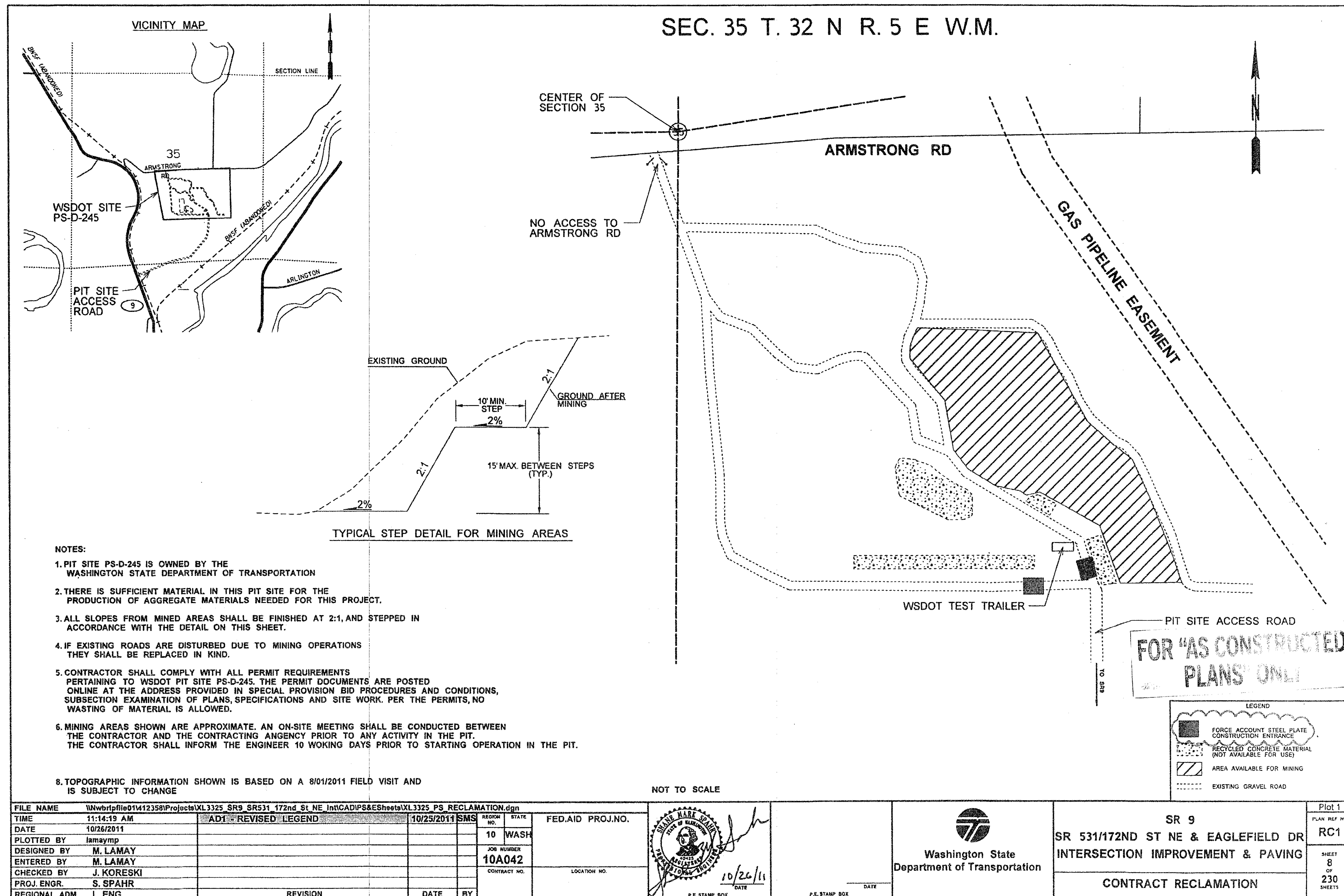
GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
9	000	313L00	**	STATE AZ
10	009	313202	*	STATE AA
11	009	313202	*	STATE AZ

			REGION	STATE	FEDERAL AID PROJECT NO.					SQ4
			10	WA						SHEET
			JOB NUMBER							6
			10A042/9							OF
			CONTRACT NO							230
DATE		REVISION	BY	000000			Washington State Department of Transportation	SR 9 SR531 / 172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING	SUMMARY OF QUANTITIES	SHEETS

10/26/201

Preliminary Quantities Only
See Final Record Book 1
for Actual Quantities

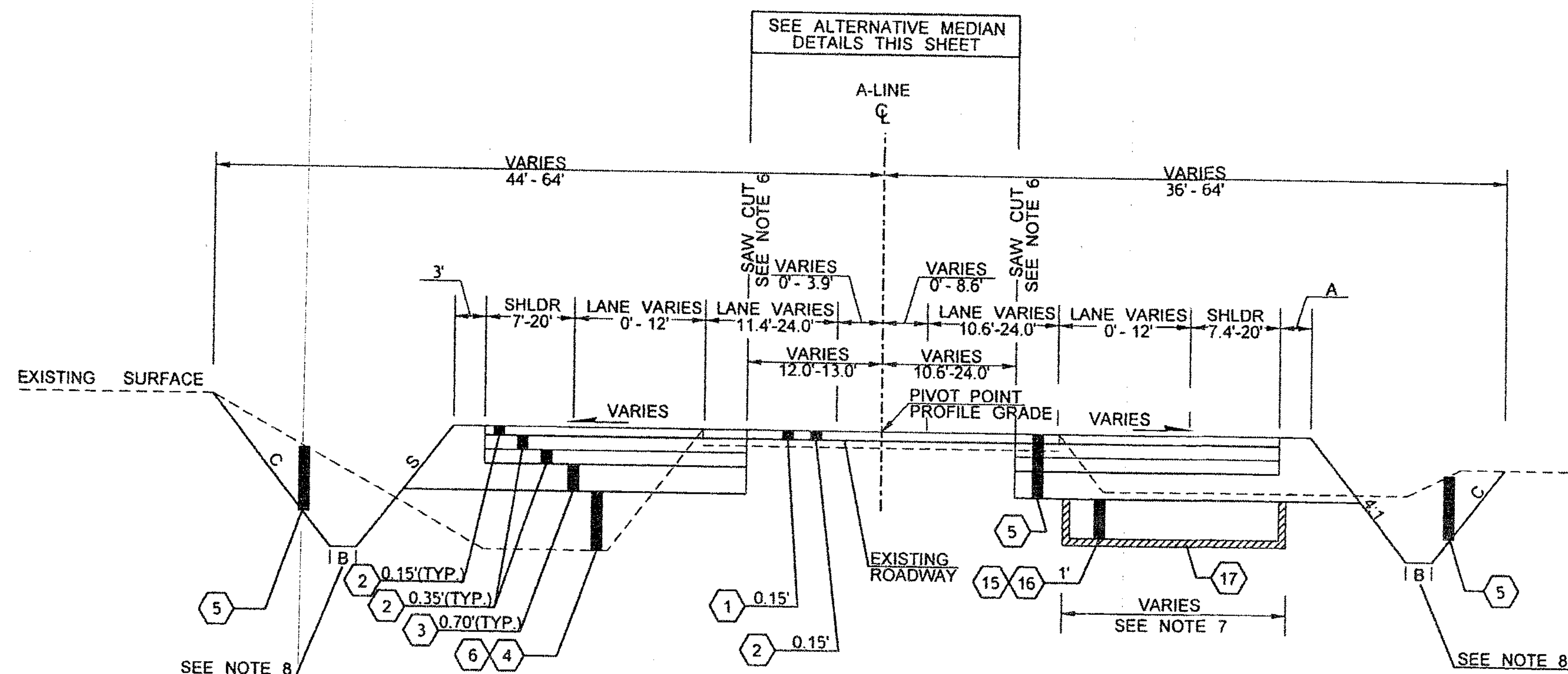
10/25/11	REVISED ITEM 73	LS	REGION	STATE	FEDERAL AID PROJECT, NO.	Washington State Department of Transportation	SR 9 SR531 / 172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING	SQ5
10/25/11	REV. QTYS NO. 18, 26, 84, 86, 87, 49, 95, 98, 106, 107, 187	JL	10	WA				
10/26/11	ADDED ITEM 195	JL						
			JOB NUMBER					
			10A042/10					
			CONTRACT NO					
DATE	REVISION	BY	008222					



LEGEND

- 1 PLANING BITUMINOUS PAVEMENT
- 2 HMA CL. 1/4 IN. PG 64-22
- 3 CRUSHED SURFACING BASE COURSE
- 4 SELECT BORROW INCL. HAUL
- 5 ROADWAY EXCAVATION INCL. HAUL
- 6 EMBANKMENT COMPACTION
- 7 PIGMENTED SPLITTER ISLAND
- 8 MOUNTABLE CURB & GUTTER 4 IN.
- 9 CEMENT CONC. PAVEMENT
- 10 CEMENT CONC. TRAFFIC CURB AND GUTTER
- 11 CEMENT CONC. SIDEWALK
- 12 MOUNTABLE CURB & GUTTER 2 IN.
- 13 CENTRAL ISLAND CURB & GUTTER
- 14 TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT
- 15 QUARRY SPALLS
- 16 UNSUITABLE FOUNDATION EXCAVATION INCL. HAUL
- 17 CONSTRUCTION GEOTEXTILE FOR SEPARATION
- 18 REMOVING ASPHALT CONC. PAVEMENT

* FINAL CUT/FILL SHALL MATCH BACK SLOPE
CATCH POINT OF TEMP DITCH. SLOPE SHALL
NOT BE STEEPER THAN 4:1. REFER TO TPP1-TPP2.
** REFER TO PD9 FOR ADDITIONAL SIDEWALK DETAILS.



ROADWAY SECTION A

A 795+77.7 TO A 805+34.3
A 814+66.6 TO A 819+58.1

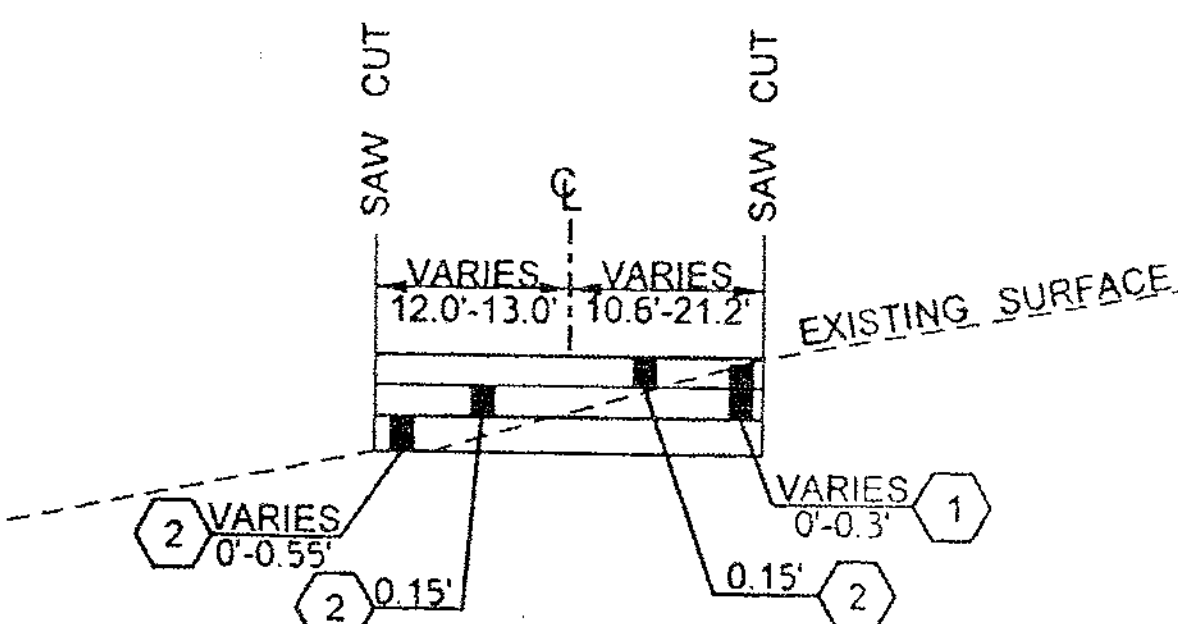
CUT AND FILL TABLE (LT)	S	B	C	CUT/FILL
A 795+77.7 TO A 802+96.3	4:1	NA	NA	FILL
A 802+96.3 TO A 805+34.3	*	NA	NA	FILL
A 814+66.6 TO A 819+58.1	4:1	1.0'	4:1	CUT

CUT AND FILL TABLE (RT)	A	B	C	CUT/FILL
A 795+77.7 TO A 798+28.0	3.0'	NA	NA	FILL
A 798+28.0 TO A 805+34.3	3.0'	1.0'	3:1	CUT
A 814+66.6 TO A 815+40.0	1.0'	1.0'	3:1	CUT
A 815+40.0 TO A 817+10.0	1.0'	NA	NA	FILL
A 817+10.0 TO A 819+58.1	1.0'	1.0'	3:1	CUT

GENERAL NOTES:

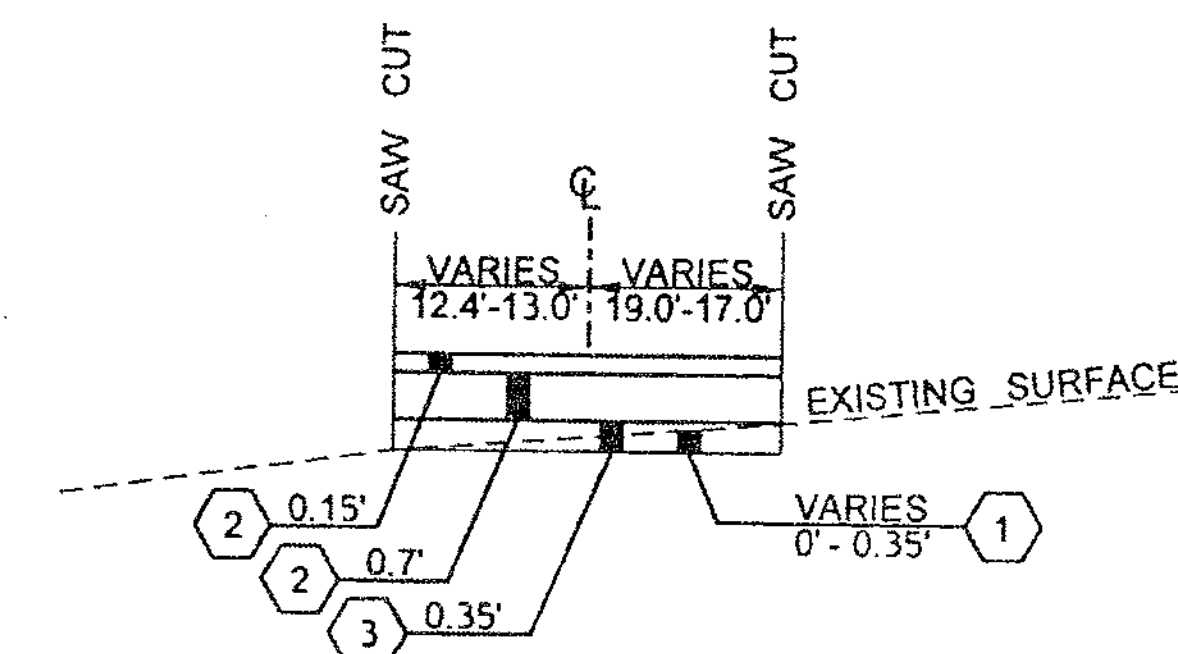
1. ALL DEPTH SHOWN ARE FINAL COMPACTED DEPTHS AND SHALL CONFORM TO SECTIONS 2-03.3(14)C, 4-04.3(4) AND 5-04.3(9)
2. REFER TO PAVING PLANS FOR VARIABLE PAVING WIDTHS.
3. REFER TO ROADWAY PROFILES FOR SUPERELEVATION INFO.
4. REFER TO PAVING DETAIL SHEETS FOR ROUNDABOUT CURB INFO.
5. REFER TO DRAINAGE DETAIL, SHEET DD1, FOR MEDIA FILTER DRAIN LOCATIONS AND DIMENSIONS.
6. SAWCUT LINES SHALL BE ON THE EXISTING EDGE OF TRAVELED WAY ON SR9 AND 1' INSIDE EDGE OF PAVEMENT ON SR531/172ND. REFER TO PAVING PLANS FOR STATION LIMITS.
7. REFER TO ALIGNMENT/RIGHT OF WAY PLANS FOR UNSUITABLE FOUNDATION EXCAVATION LIMITS.
8. REFER TO DRAINAGE PROFILES FOR DITCH ELEVATIONS.
9. REFER TO SITE PREPARATION PLANS FOR PAVEMENT REMOVAL LIMITS

N.T.S.



ALTERNATIVE MEDIAN A1

A 800+77.0 TO A 805+34.3
A 815+85.0 TO A 819+58.0



ALTERNATIVE MEDIAN A2

A 814+66.5 TO A 815+85.0

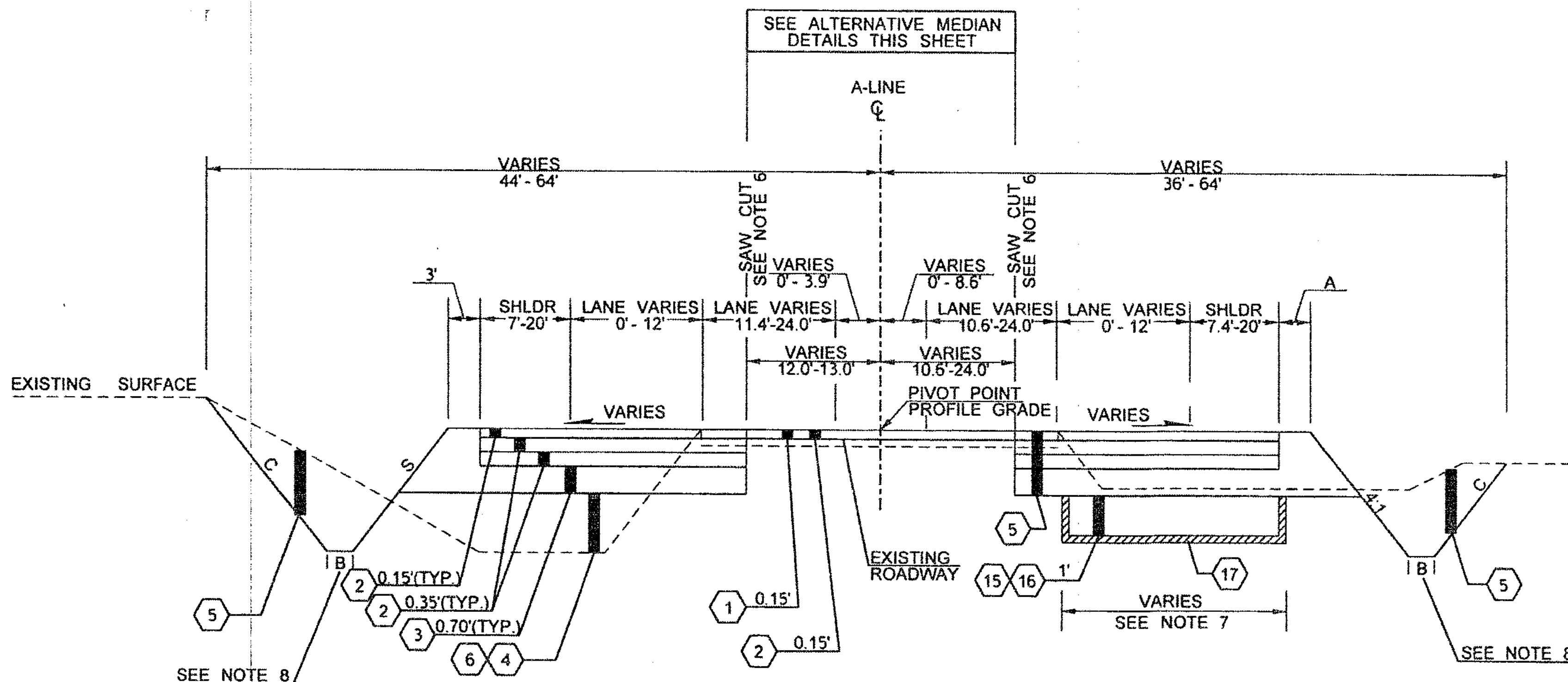
FOR "AS CONSTRUCTED"
PLANS ONLY

FILE NAME: I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325_PS_RS.dgn		REGION NO. 10		STATE WASH		FED.AID PROJ.NO.		Plot 1	
TIME: 12:44:13 PM		CONTRACT NO. 10A042		LOCATION NO.		SR 9		PLAN REF NO. RS1	
DATE: 9/28/2011		JOB NUMBER 10A042		DATE: 9/28/11		SR 531/172ND ST NE & EAGLEFIELD DR		SHEET 9 OF 230 SHEETS	
PLOTTED BY: gunnm		CONTRACT NO.		DATE		INTERSECTION IMPROVEMENT & PAVING			
DESIGNED BY: M.GUNN		CONTRACT NO.		DATE		ROADWAY SECTIONS			
ENTERED BY: K.SOLWOLD		CONTRACT NO.		DATE					
CHECKED BY: J.KORESKI		CONTRACT NO.		DATE					
PROJ. ENGR. S.SPAHR		CONTRACT NO.		DATE					
REGIONAL ADM. LENG		CONTRACT NO.		DATE					
REVISION		DATE		BY					

LEGEND

- 1 PLANING BITUMINOUS PAVEMENT
- 2 HMA CL. 1/2 IN. PG 64-22
- 3 CRUSHED SURFACING BASE COURSE
- 4 SELECT BORROW INCL. HAUL
- 5 ROADWAY EXCAVATION INCL. HAUL
- 6 EMBANKMENT COMPACTION
- 7 PIGMENTED SPLITTER ISLAND
- 8 MOUNTABLE CURB & GUTTER 4 IN.
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- 17 CONSTRUCTION GEOTEXTILE FOR SEPARATION
- 18 REMOVING ASPHALT CONC. PAVEMENT

* FINAL CUT/FILL SHALL MATCH BACK SLOPE
CATCH POINT OF TEMP DITCH. SLOPE SHALL
NOT BE STEEPER THAN 4:1. REFER TO TPP1-TPP2.
** REFER TO PD9 FOR ADDITIONAL SIDEWALK DETAILS.



ROADWAY SECTION A

A 795+77.7 TO A 805+34.3
A 814+66.6 TO A 819+58.1

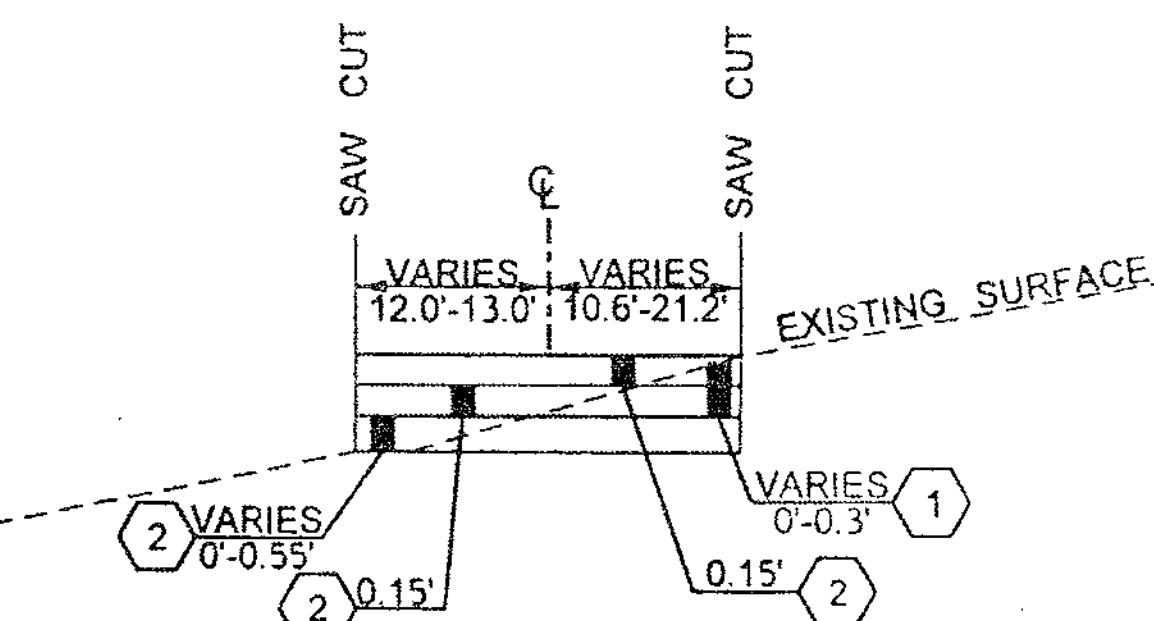
CUT AND FILL TABLE (LT)	S	B	C	CUT/FILL
A 795+77.7 TO A 802+96.3	4:1	NA	NA	FILL
A 802+96.3 TO A 805+34.3	*	NA	NA	FILL
A 814+66.6 TO A 819+58.1	4:1	1.0'	4:1	CUT

CUT AND FILL TABLE (RT)	A	B	C	CUT/FILL
A 795+77.7 TO A 798+28.0	3.0'	NA	NA	FILL
A 798+28.0 TO A 805+34.3	3.0'	1.0'	3:1	CUT
A 814+66.6 TO A 815+40.0	1.0'	1.0'	3:1	CUT
A 815+40.0 TO A 817+10.0	1.0'	NA	NA	FILL
A 817+10.0 TO A 819+58.1	1.0'	1.0'	3:1	CUT

GENERAL NOTES:

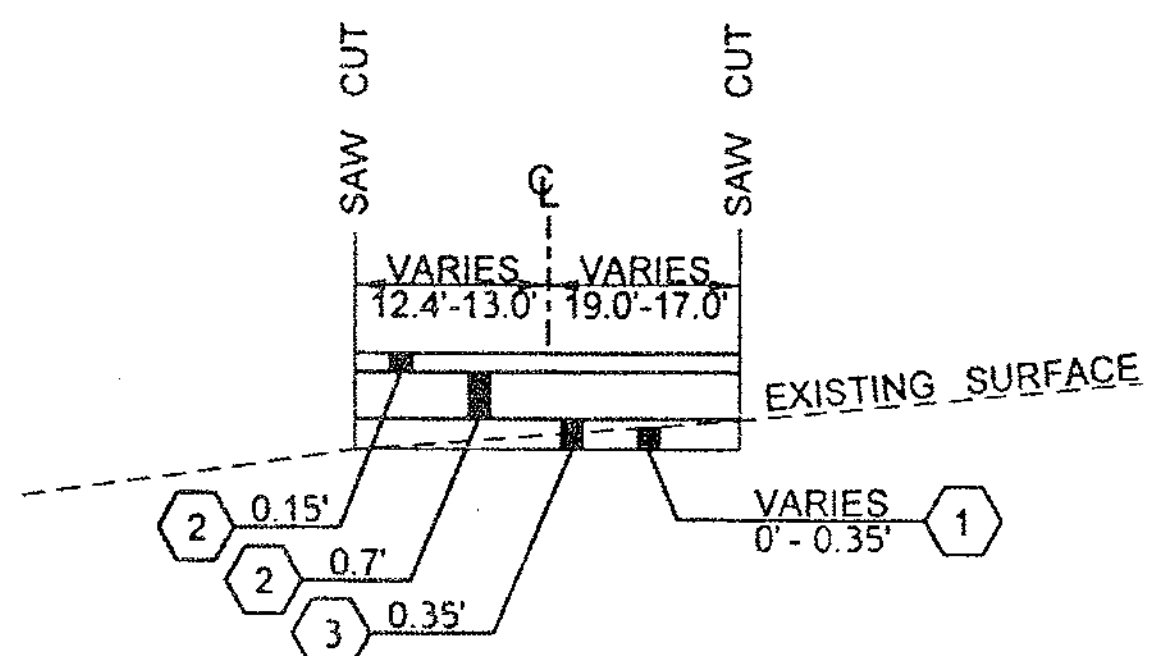
- ALL DEPTH SHOWN ARE FINAL COMPACTED DEPTHS AND SHALL CONFORM TO SECTIONS 2-03.3(14)C, 4-04.3(4) AND 5-04.3(9)
- REFER TO PAVING PLANS FOR VARIABLE PAVING WIDTHS.
- REFER TO ROADWAY PROFILES FOR SUPERELEVATION INFO.
- REFER TO PAVING DETAIL SHEETS FOR ROUNDABOUT CURB INFO.
- REFER TO DRAINAGE DETAIL, SHEET DD1, FOR MEDIA FILTER DRAIN LOCATIONS AND DIMENSIONS.
- SAWCUT LINES SHALL BE ON THE EXISTING EDGE OF TRAVELED WAY ON SR9 AND 1' INSIDE EDGE OF PAVEMENT ON SR531/172ND. REFER TO PAVING PLANS FOR STATION LIMITS.
- REFER TO ALIGNMENT/RIGHT OF WAY PLANS FOR UNSUITABLE FOUNDATION EXCAVATION LIMITS.
- REFER TO DRAINAGE PROFILES FOR DITCH ELEVATIONS.
- REFER TO SITE PREPARATION PLANS FOR PAVEMENT REMOVAL LIMITS

N.T.S.



ALTERNATIVE MEDIAN A1

A 800+77.0 TO A 805+34.3
A 815+85.0 TO A 819+58.0



ALTERNATIVE MEDIAN A2

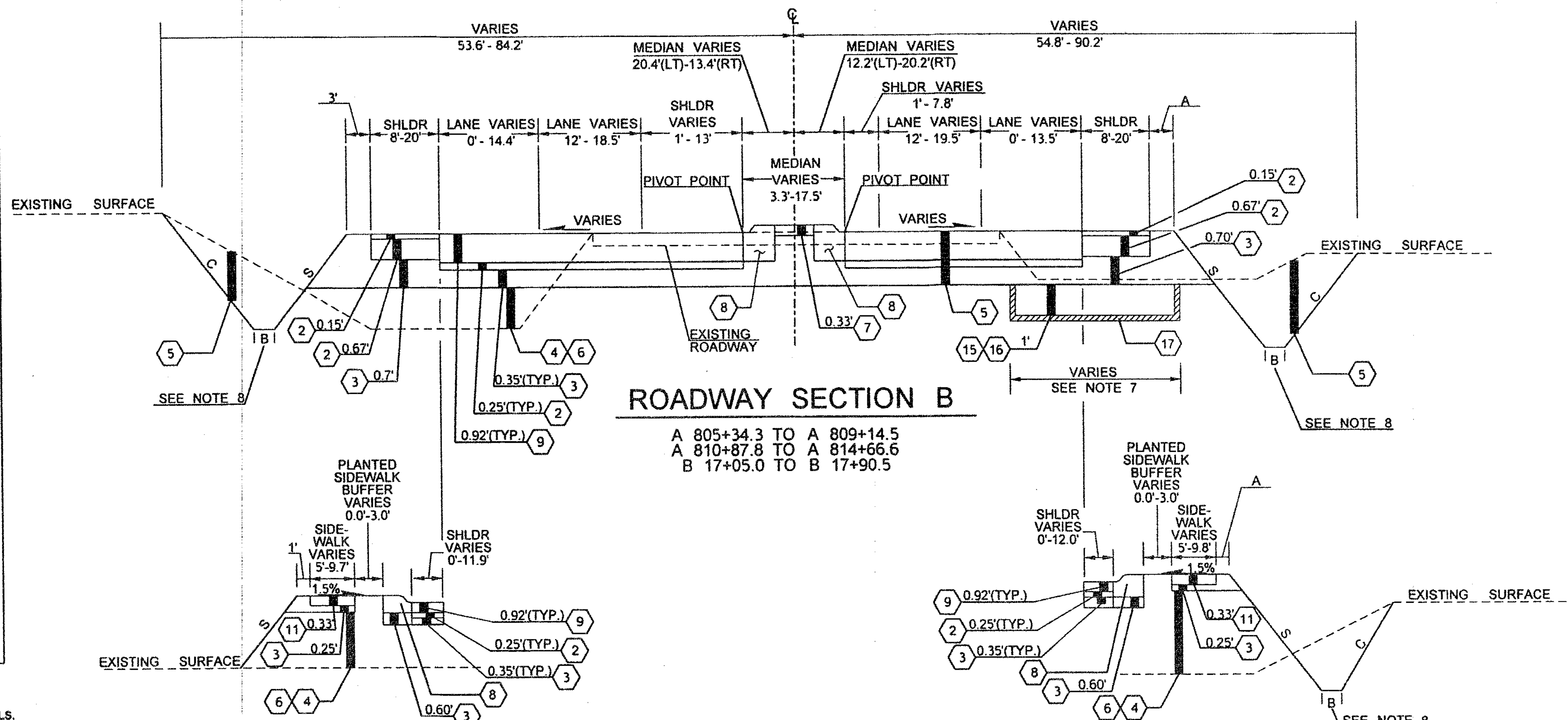
A 814+66.5 TO A 815+85.0

FOR "AS CONSTRUCTED"
PLANS ONLY

FILE NAME: I:\Projects\XL3325_SR9_SR531_172nd_St_NE_Int\CAD\PS&ESheets\XL3325_PS_RS.dgn		REGION NO. 10 WASH		FED.AID PROJ.NO.				SR 9		Plot 1
TIME: 12:44:13 PM	DATE: 9/28/2011	JOB NUMBER: 10A042		LOCATION NO.				SR 531/172ND ST NE & EAGLEFIELD DR		
PLOTTED BY: gunnm	DESIGNED BY: M.GUNN	CONTRACT NO.		DATE: 9/28/11		Washington State Department of Transportation		INTERSECTION IMPROVEMENT & PAVING		SHEET 9 OF 230 SHEETS
ENTERED BY: K.SOLWOLD	CHECKED BY: J.KORESKE	REVISION		DATE		ROADWAY SECTIONS				
PROJ. ENGR: S.SPAHR	REGIONAL ADM: L.ENG	DATE		BY						

- LEGEND**
- 1 PLANING BITUMINOUS PAVEMENT
 - 2 HMA CL. 1/4 IN. PG 64-22
 - 3 CRUSHED SURFACING BASE COURSE
 - 4 SELECT BORROW INCL. HAUL
 - 5 ROADWAY EXCAVATION INCL. HAUL
 - 6 EMBANKMENT COMPACTION
 - 7 PIGMENTED SPLITTER ISLAND
 - 8 MOUNTABLE CURB & GUTTER 4 IN.
 - 9 CEMENT CONC. PAVEMENT
 - 10 CEMENT CONC. TRAFFIC CURB AND GUTTER
 - 11 CEMENT CONC. SIDEWALK
 - 12 MOUNTABLE CURB & GUTTER 2 IN.
 - 13 CENTRAL ISLAND CURB & GUTTER
 - 14 TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT
 - 15 QUARRY SPALLS
 - 16 UNSUITABLE FOUNDATION EXCAVATION INCL. HAUL
 - 17 CONSTRUCTION GEOTEXTILE FOR SEPARATION
 - 18 REMOVING ASPHALT CONC. PAVEMENT

* FINAL CUT/FILL SHALL MATCH BACK SLOPE CATCH POINT OF TEMP DITCH. SLOPE SHALL NOT BE STEEPER THAN 4:1. REFER TO TPP1-TPP2.
** REFER TO PD9 FOR ADDITIONAL SIDEWALK DETAILS.



ALTERNATIVE SHOULDER B1

A 808+26.0 TO A 809+14.5
A 810+87.8 TO A 811+84.0
B 17+05.0 TO B 17+90.5 **

CUT AND FILL TABLE (LT)	S	B	C	CUT/FILL
A 805+34.3 TO A 807+06.0	4:1	NA	NA	FILL
A 807+06.0 TO A 808+26.0	4:1	1.0'	*	CUT
A 808+26.0 TO A 809+14.5	*	NA	NA	FILL
A 810+87.8 TO A 813+45.0	4:1	NA	NA	FILL
A 813+45.0 TO A 814+66.6	4:1	1.0'	3:1	CUT
B 17+05.0 TO B 17+90.5	4:1	NA	NA	FILL

ALTERNATIVE SHOULDER B2

A 808+23.0 TO A 809+14.5
A 810+87.8 TO A 811+86.0
B 17+05.0 TO B 17+90.5 **

CUT AND FILL TABLE (RT)	S	A	B	C	CUT/FILL
A 805+34.3 TO A 809+14.5	4:1	3.0'	1.0'	3:1	CUT
A 810+87.8 TO A 811+44.0	18.6:1 TO 6:1	1.0'	1.0'	2:1	CUT
A 811+44.0 TO A 813+20.0	6:1	1.0'	1.0'	3:1	CUT
A 813+20.0 TO A 814+66.6	4:1	1.0'	1.0'	3:1	CUT
B 17+05.0 TO B 17+90.5	*	1.0'	NA	NA	FILL

GENERAL NOTES:

1. ALL DEPTH SHOWN ARE FINAL COMPACTED DEPTHS AND SHALL CONFORM TO SECTIONS 2-03.3(14)C, 4-04.3(4) AND 5-04.3(9)
2. REFER TO PAVING PLANS FOR VARIABLE PAVING WIDTHS.
3. REFER TO ROADWAY PROFILES FOR SUPERELEVATION INFO.
4. REFER TO PAVING DETAIL SHEETS FOR ROUNDABOUT CURB INFO.
5. REFER TO DRAINAGE DETAIL SHEET DD1, FOR MEDIA FILTER DRAIN LOCATIONS AND DIMENSIONS.
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7. REFER TO ALIGNMENT/RIGHT OF WAY PLANS FOR UNSUITABLE FOUNDATION EXCAVATION LIMITS.
8. REFER TO DRAINAGE PROFILES FOR DITCH ELEVATIONS.
9. REFER TO SITE PREPARATION PLANS FOR PAVEMENT REMOVAL LIMITS.

N.T.S.

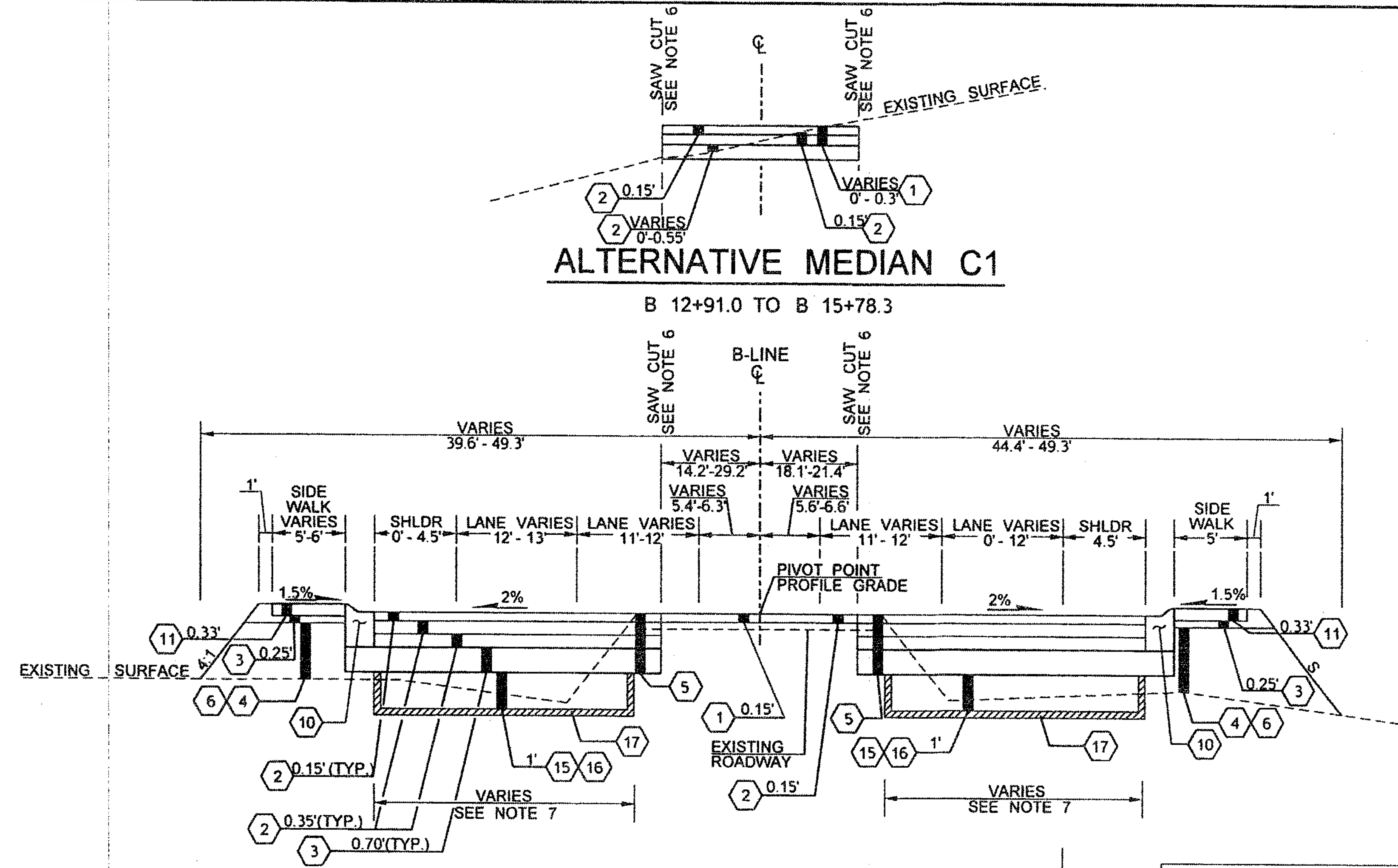
**FOR "AS CONSTRUCTED
PLANS" ONLY**

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TIME: 12:44:16 PM	DATE: 9/28/2011	DESIGNED BY: M.GUNN	ENTERED BY: K.SOLWOLD	CHECKED BY: J.KORESKI	PROJ. ENGR: S.SPAHR	REGIONAL ADM: LENG	REVISION	DATE	BY	CONTRACT NO. 10A042	LOCATION NO.								

LEGEND

- 1 PLANING BITUMINOUS PAVEMENT
- 2 HMA CL. 1/4 IN. PG 64-22
- 3 CRUSHED SURFACING BASE COURSE
- 4 SELECT BORROW INCL. HAUL
- 5 ROADWAY EXCAVATION INCL. HAUL
- 6 EMBANKMENT COMPACTION
- 7 PIGMENTED SPLITTER ISLAND
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- 9 CEMENT CONC. PAVEMENT
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- 11 CEMENT CONC. SIDEWALK
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- 17 CONSTRUCTION GEOTEXTILE FOR SEPARATION
- 18 REMOVING ASPHALT CONC. PAVEMENT

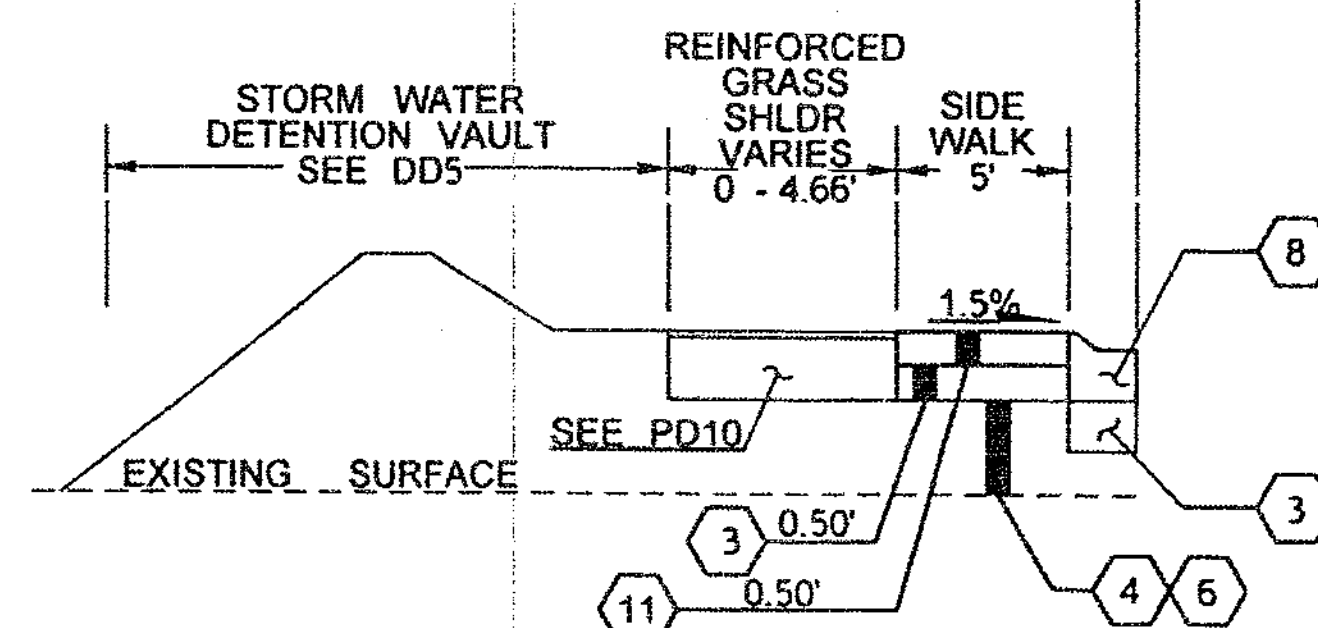
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CATCH POINT OF TEMP DITCH. SLOPE SHALL
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ROADWAY SECTION C

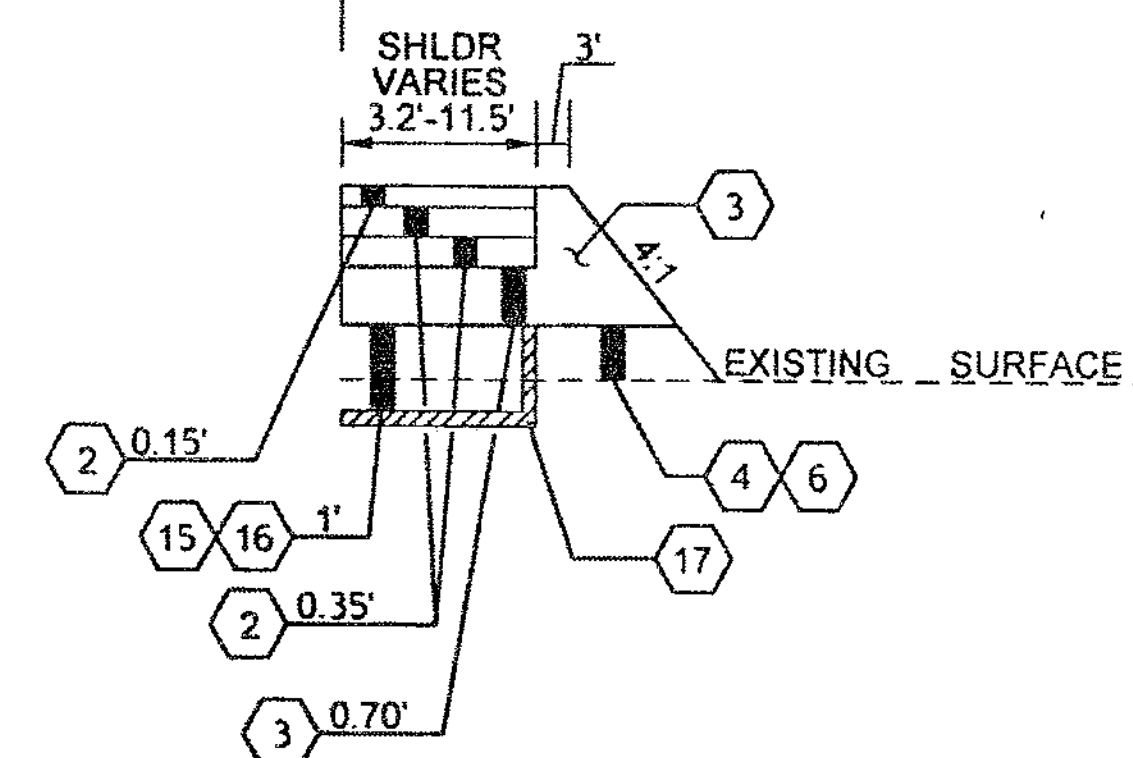
B 11+47.3 TO B 15+78.3 **

CUT AND FILL TABLE (RT)		
STATION	S	CUT/FILL
B 12+44.7 TO B 14+30.0	4:1	FILL
B 14+30.0 TO B 15+78.3	*	FILL



ALTERNATIVE SHOULDER C1

B 13+97.5 TO B 15+78.3 **



ALTERNATIVE SHOULDER C2

B 11+47.3 TO B 12+44.7

FOR "AS CONSTRUCTED
PLANS" ONLY

N.T.S.

GENERAL NOTES:

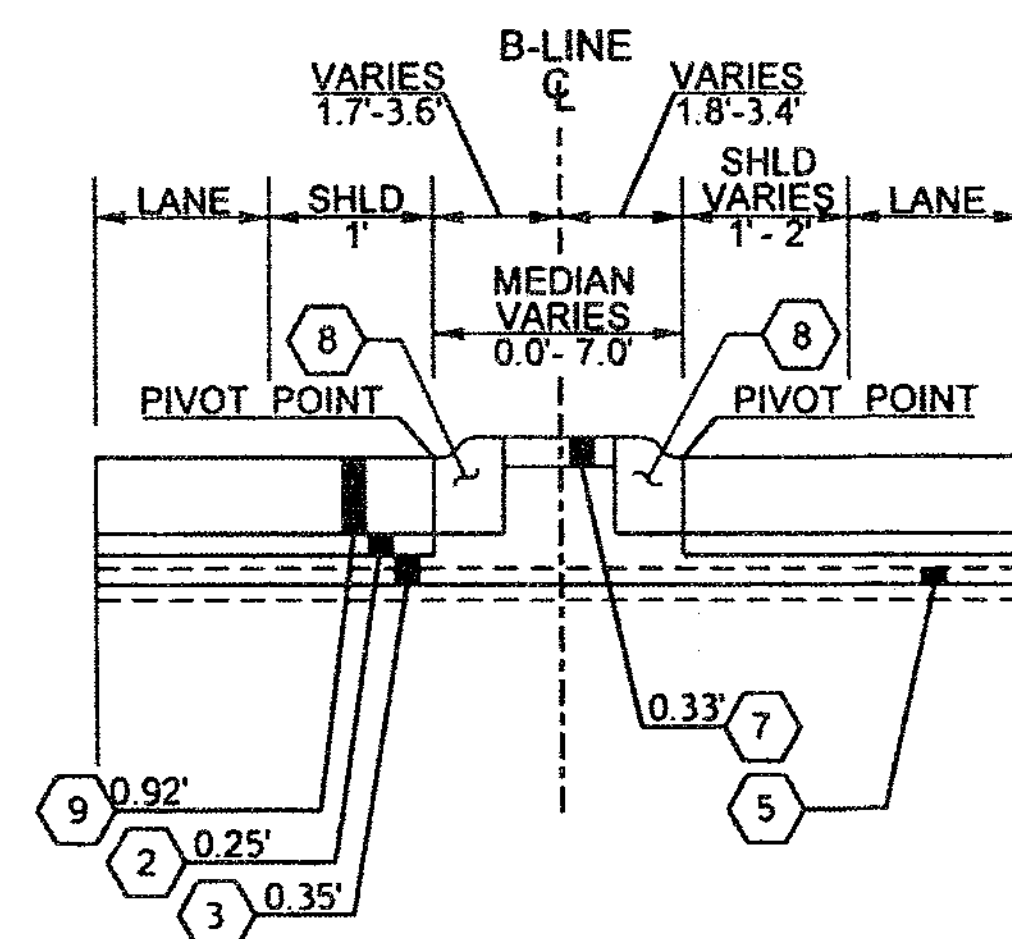
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- REFER TO PAVING DETAIL SHEETS FOR ROUNDABOUT CURB INFO.
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- REFER TO ALIGNMENT/RIGHT OF WAY PLANS FOR UNSUITABLE FOUNDATION EXCAVATION LIMITS.
- REFER TO DRAINAGE PROFILES FOR DITCH ELEVATIONS.
- REFER TO SITE PREPARATION PLANS FOR PAVEMENT REMOVAL LIMITS

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TIME 12:44:18 PM								SR 531/172ND ST NE & EAGLEFIELD DR		PLAN REF NO RS3	
DATE 9/28/2011								INTERSECTION IMPROVEMENT & PAVING		SHEET 11 OF 230 SHEETS	
PLOTTED BY gunnm								ROADWAY SECTIONS			
DESIGNED BY M.GUNN											
ENTERED BY K.SOLWOLD											
CHECKED BY J.KORESKE											
PROJ. ENGR. S.SPAHR											
REGIONAL ADM. LENG		REVISION		DATE		BY					

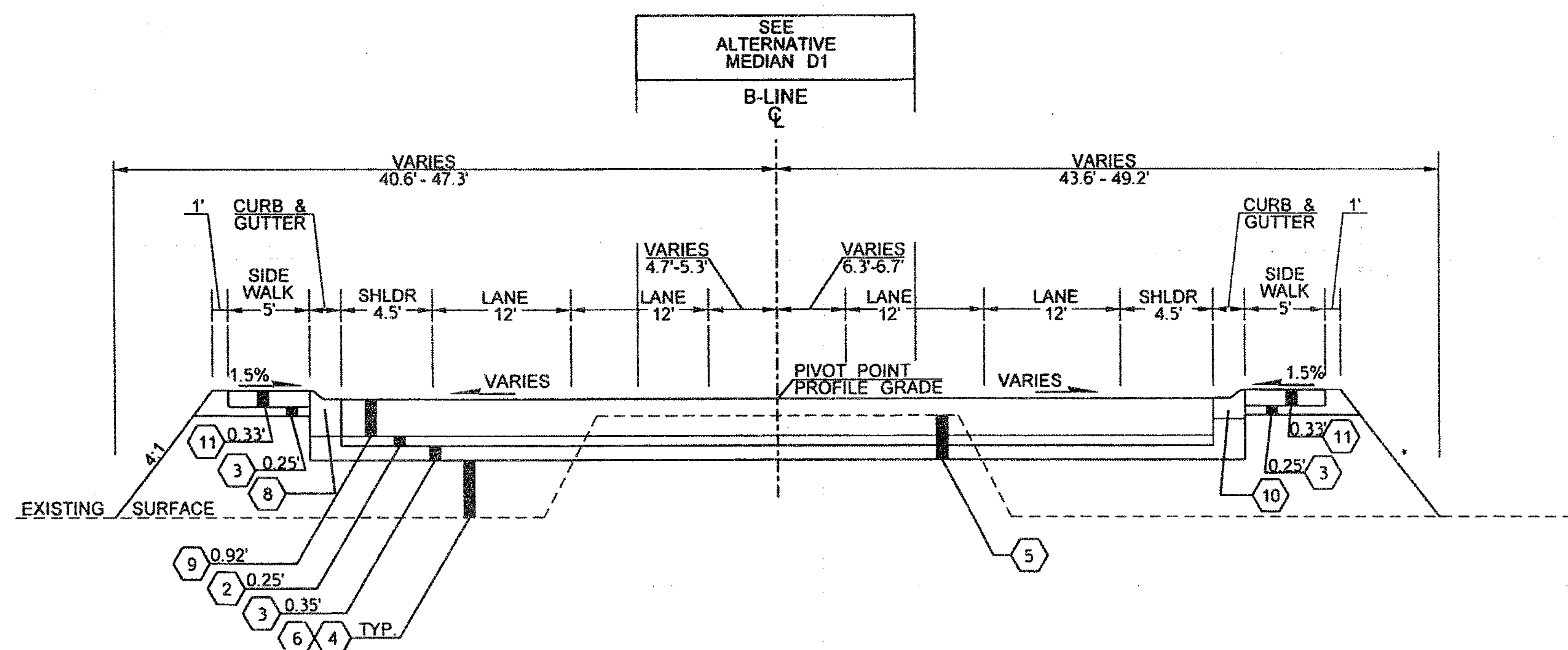
- 1 PLANING BITUMINOUS PAVEMENT
- 2 HMA CL. 1/4 IN. PG 64-22
- 3 CRUSHED SURFACING BASE COURSE
- 4 SELECT BORROW INCL. HAUL
- 5 ROADWAY EXCAVATION INCL. HAUL
- 6 EMBANKMENT COMPACTION
- 7 PIGMENTED SPLITTER ISLAND
- 8 MOUNTABLE CURB & GUTTER 4 IN.
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8. REFER TO DRAINAGE PROFILES FOR DITCH ELEVATIONS.
9. REFER TO SITE PREPARATION PLANS FOR PAVEMENT REMOVAL LIMITS



B 16+07.8 TO B 17+05.0



B 15+78.3 TO B 17+05.0

FOR "AS CONSTRUCTED
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FILE NAME I:\Projects\XL3325_SR9 SR531 172nd St NE In\CADIPS&ESheets\XL3325 PS RS.dgn				REGION NO. STATE		FED.AID PROJ.NO.		 Washington State Department of Transportation		Plot 4	
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DATE 9/28/2011				JOB NUMBER				SR 531/172ND ST NE & EAGLEFIELD DR		PLAN REF NO.	
PLOTTED BY gunnm				10A042				INTERSECTION IMPROVEMENT & PAVING		RS4	
DESIGNED BY M.GUNN				CONTRACT NO.		LOCATION NO.		 Washington State Department of Transportation		SHEET	
ENTERED BY K.SOLWOLD										12	
CHECKED BY J.KORESKI								ROADWAY SECTIONS		OF	
PROJ. ENGR. S.SPAHR										230	
REGIONAL ADM I FNG										SHEETS	
REVISION				DATE		BY					

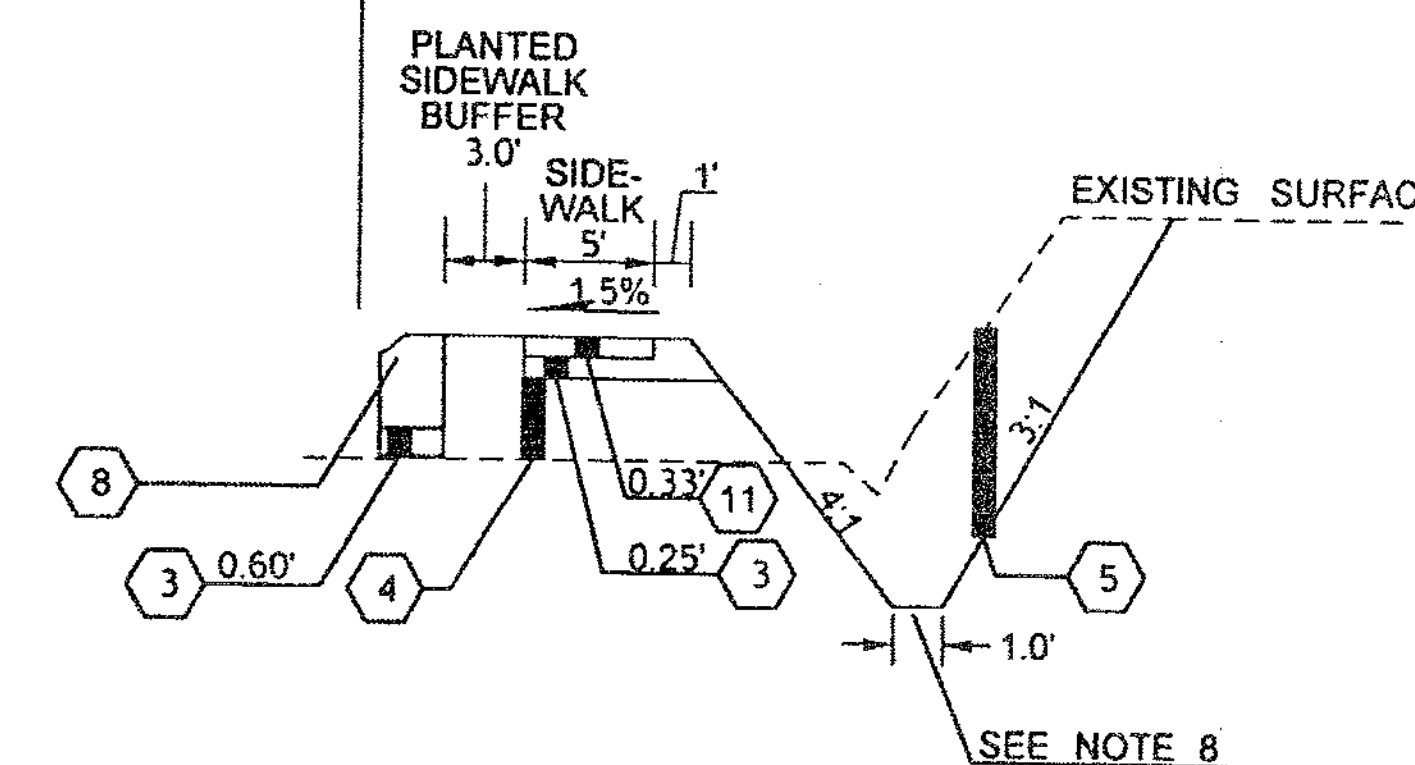
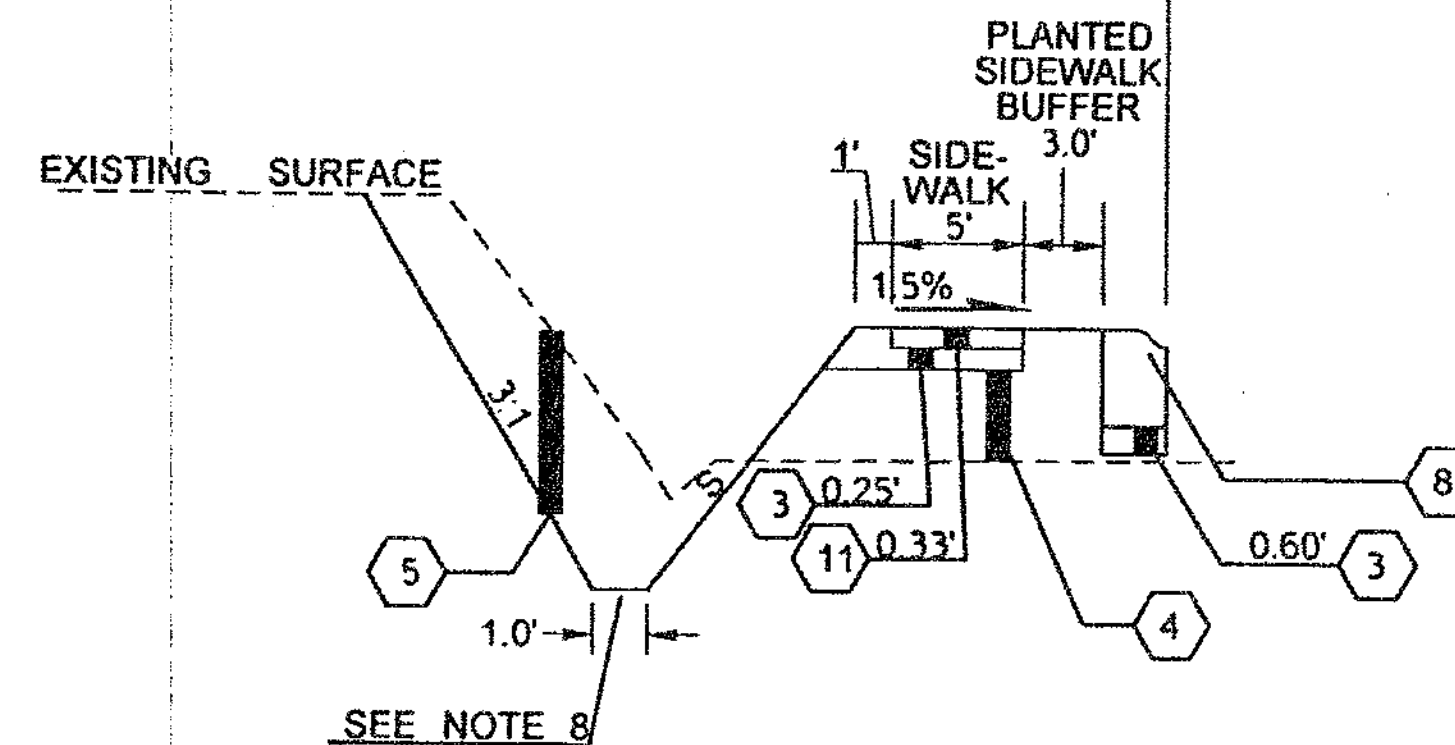
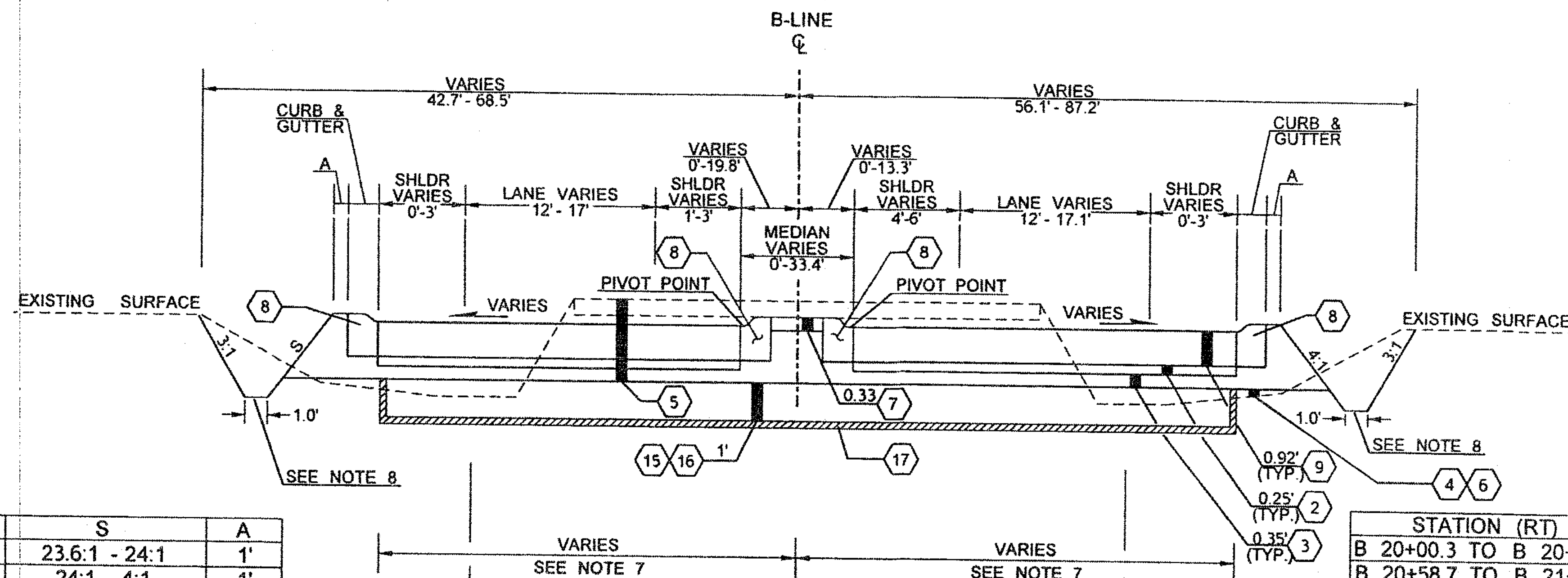
LEGEND

- 1 PLANING BITUMINOUS PAVEMENT
- 2 HMA CL. 1/2 IN. PG 64-22
- 3 CRUSHED SURFACING BASE COURSE
- 4 SELECT BORROW INCL. HAUL
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- 18 REMOVING ASPHALT CONC. PAVEMENT

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 ** REFER TO PD9 FOR ADDITIONAL SIDEWALK DETAILS.

STATION (LT)	S	A
B 19+64.2 TO B 20+01.5	23.6:1 - 24:1	1'
B 20+01.5 TO B 20+13.6	24:1 - 4:1	1'
B 20+13.6 TO B 20+47.9	4:1	8.66'-1'
B 20+47.9 TO B 21+49.6	4:1	1'

STATION (RT)	A
B 20+00.3 TO B 20+58.7	8.66'-1'
B 20+58.7 TO B 21+49.6	1'



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N.T.S.

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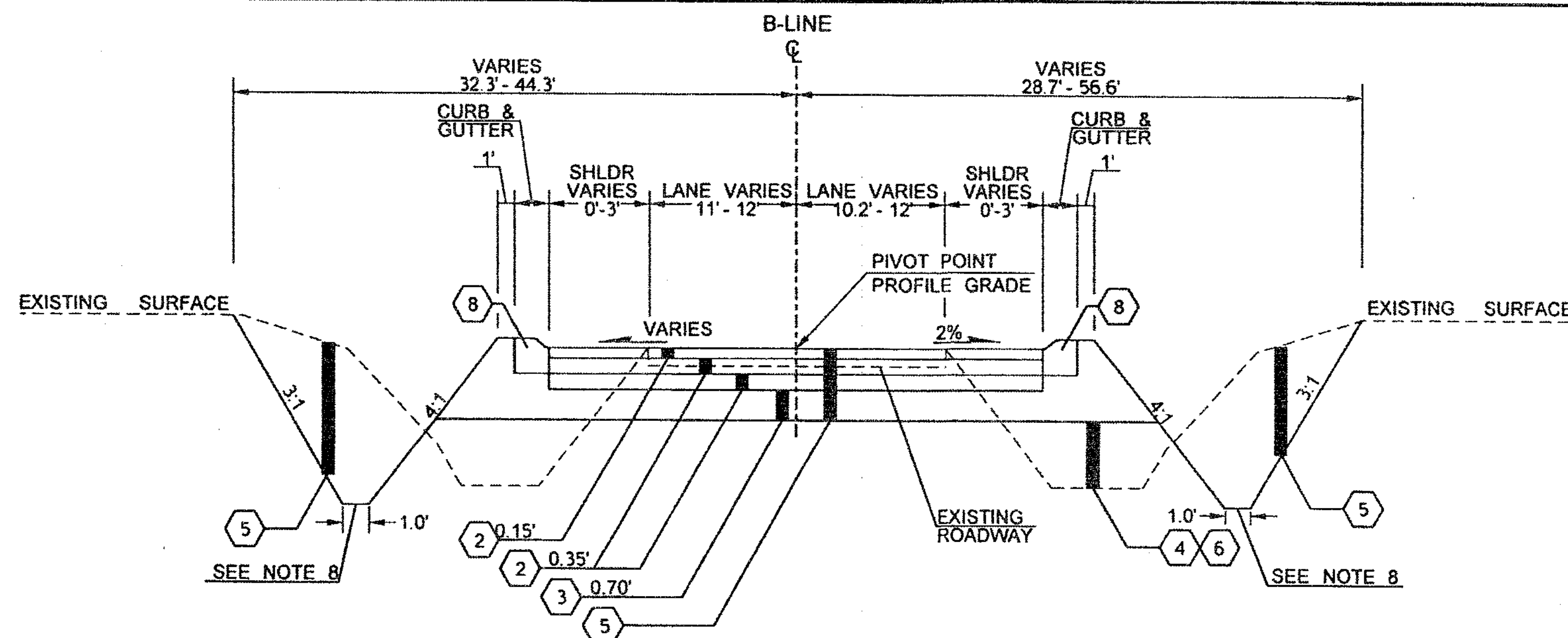
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TIME 12:44:23 PM		JOB NUMBER 10A042		LOCATION NO.		DATE 9/28/11		SR 531/172ND ST NE & EAGLEFIELD DR		PLAN REF NO RS5	
DATE 9/28/2011		CONTRACT NO.						INTERSECTION IMPROVEMENT & PAVING		SHEET 13 OF 230 SHEETS	
PLOTTED BY gunnm								ROADWAY SECTIONS			
DESIGNED BY M.GUNN											
ENTERED BY K.SOLWOLD											
CHECKED BY J.KORESKI											
PROJ. ENGR. S.SPAHR											
REGIONAL ADM. LENG											
REVISION		DATE		BY							

LEGEND

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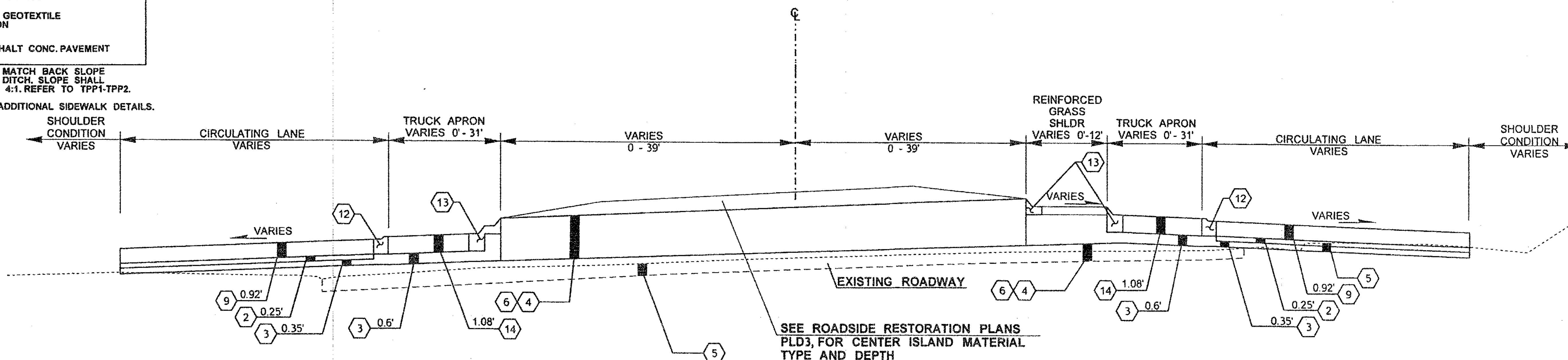
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ROADWAY SECTION F

B 21+49.6 TO B 24+02.1



ROUNDAABOUT SECTION G

A 809+14.5 TO A 810+87.8
B 17+90.5 TO B 19+64.2

N.T.S.

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FOR "AS CONSTRUCTED"
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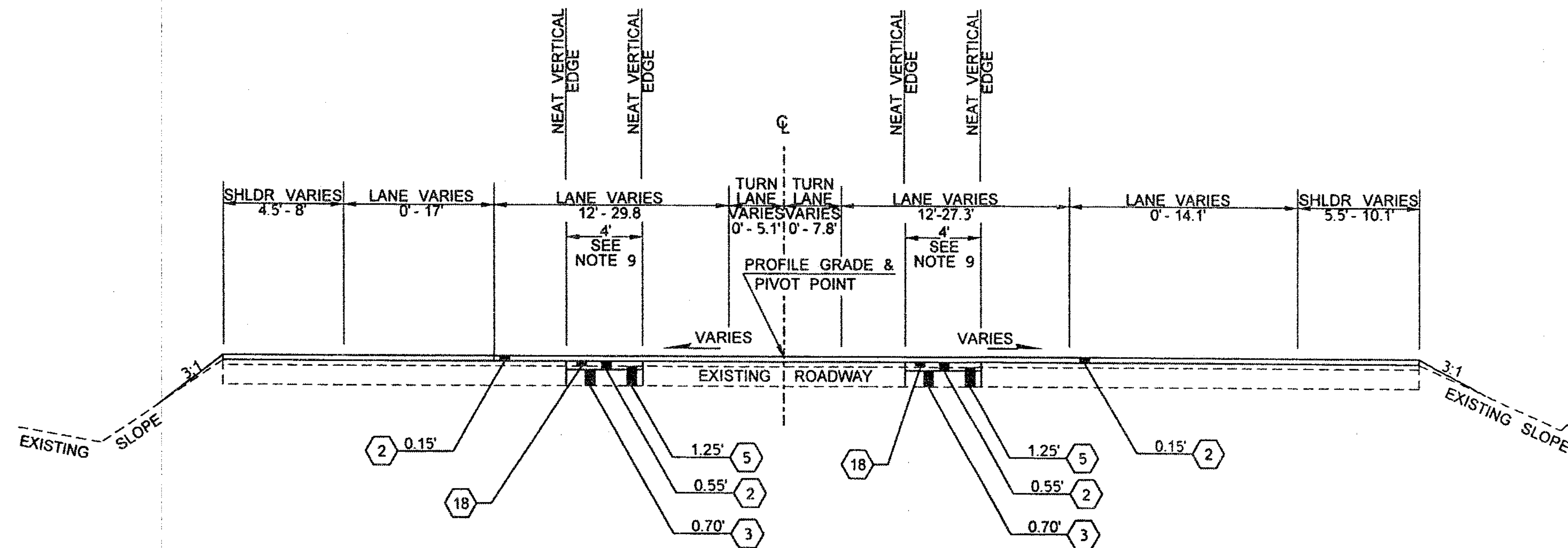
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TIME	12:44:25 PM	10	WASH					PLAN REF NO
DATE	9/28/2011	JOB NUMBER	10A042					RS6
PLOTTED BY	gunnm	CONTRACT NO.						SHEET 14 OF 230 SHEETS
DESIGNED BY	M.GUNN	LOCATION NO.						
ENTERED BY	K.SOLWOLD							
CHECKED BY	J.KOESKI							
PROJ. ENGR.	S.SPAHR							
REGIONAL ADM.	L.ENG							
REVISION		DATE	BY					

LEGEND

- 1 PLANING BITUMINOUS PAVEMENT
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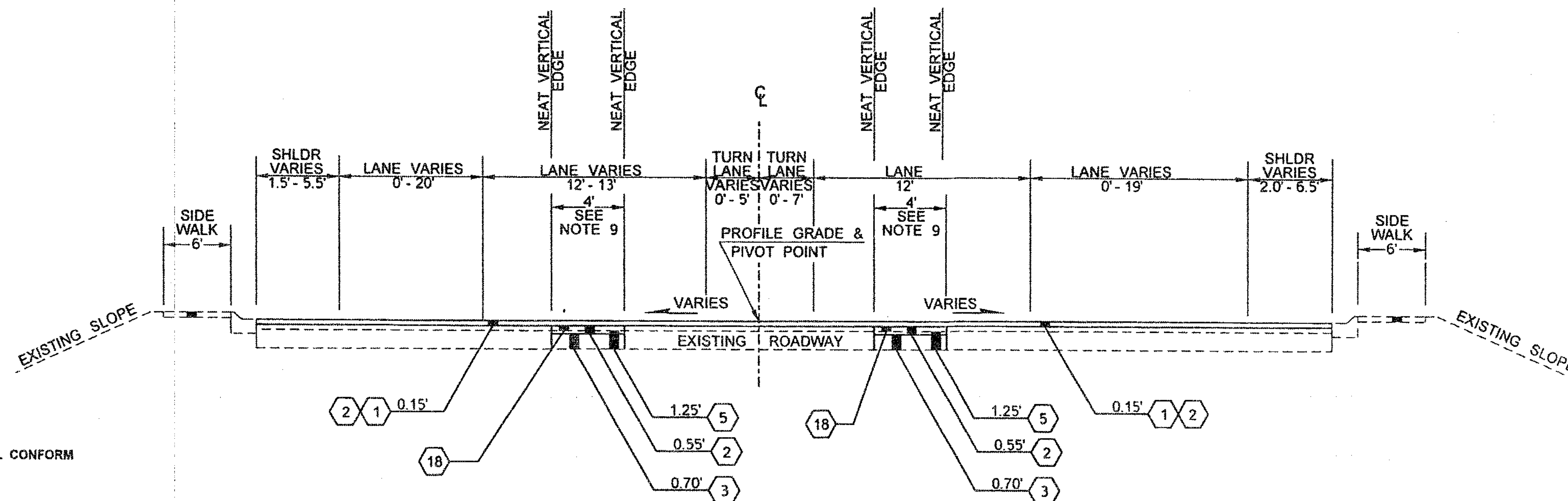
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ROADWAY SECTION H

A 851+45.6 TO A 857+16.3
A 858+73.9 TO A 863+77.1



ROADWAY SECTION I

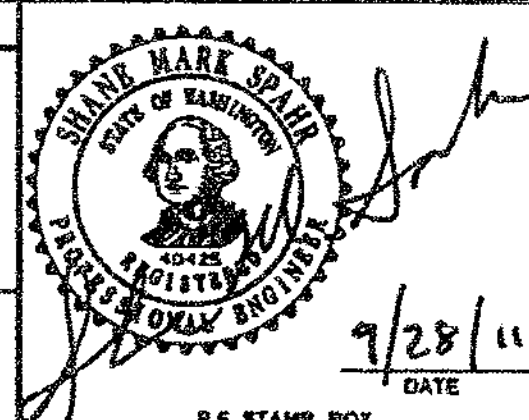
A 857+16.3 TO A 858+73.9

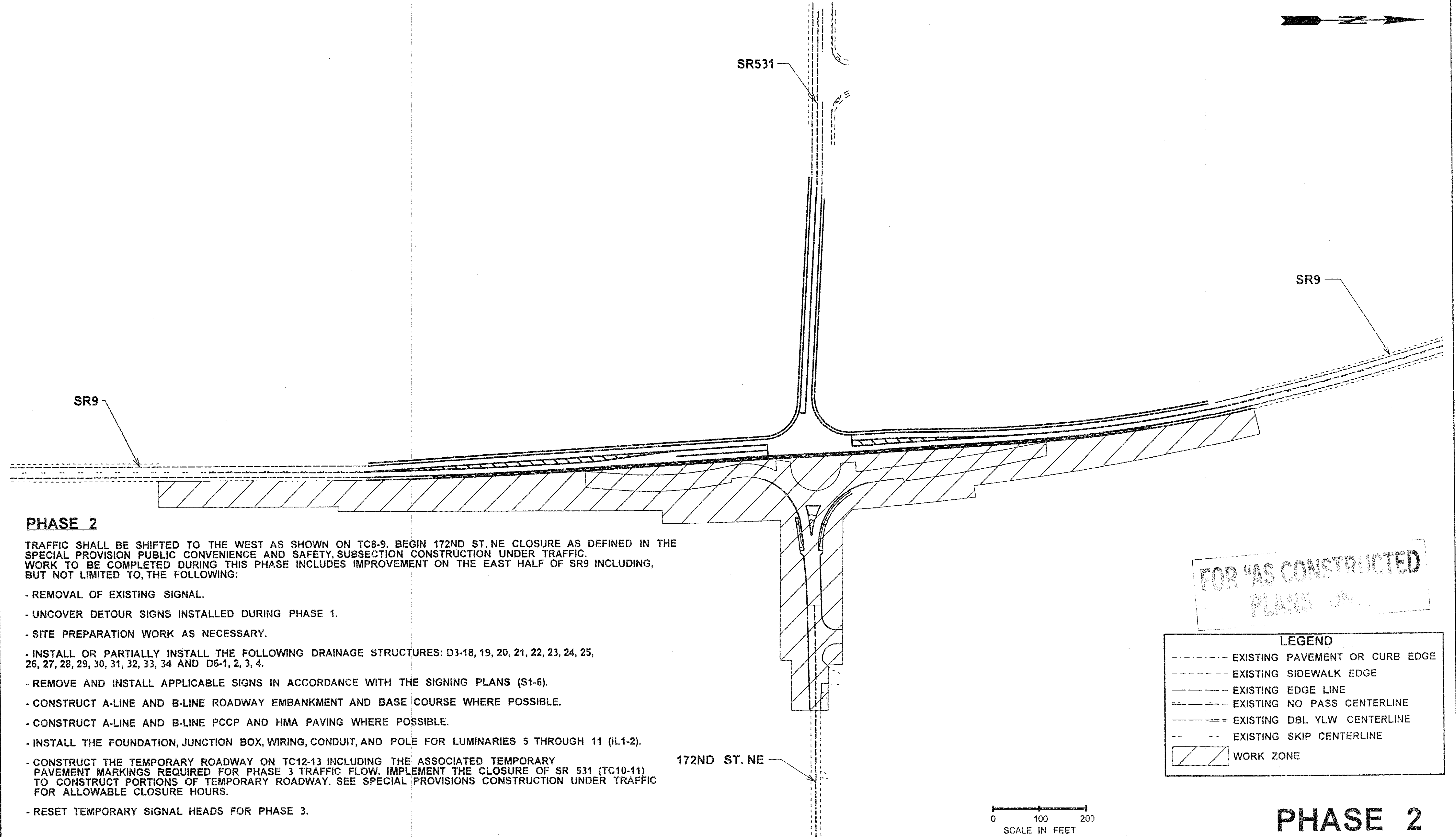
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- REFER TO DRAINAGE PROFILES FOR DITCH ELEVATIONS.
- REFER TO SITE PREPARATION PLANS FOR PAVEMENT REMOVAL LIMITS

FOR "AS CONSTRUCTED
PLANS" ONLY

FILE NAME: I:\Projects\XL3325 SR9 SR531 172nd St NE In\CAD\PS&ESheets\XL3325 PS_RS.dgn		REGION NO. 10		STATE WASH	FED.AID PROJ.NO.			SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING	Plot 7
TIME: 12:44:28 PM	DATE: 9/28/2011	JOB NUMBER: 10A042		LOCATION NO.	PLAN REF NO: RS7				
PLOTTED BY: gunnm	DESIGNED BY: M.GUNN	CONTRACT NO.			SHEET 15 OF 230 SHEETS				
ENTERED BY: K.SOLWOLD	CHECKED BY: J.KORESKI								
PROJ. ENGR: S.SPAHR	REGIONAL ADM: LENG	REVISION	DATE	BY				ROADWAY SECTIONS	

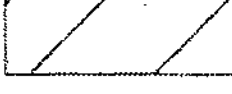


PHASE 2

TRAFFIC SHALL BE SHIFTED TO THE WEST AS SHOWN ON TC8-9. BEGIN 172ND ST. NE CLOSURE AS DEFINED IN THE SPECIAL PROVISION PUBLIC CONVENIENCE AND SAFETY, SUBSECTION CONSTRUCTION UNDER TRAFFIC. WORK TO BE COMPLETED DURING THIS PHASE INCLUDES IMPROVEMENT ON THE EAST HALF OF SR9 INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

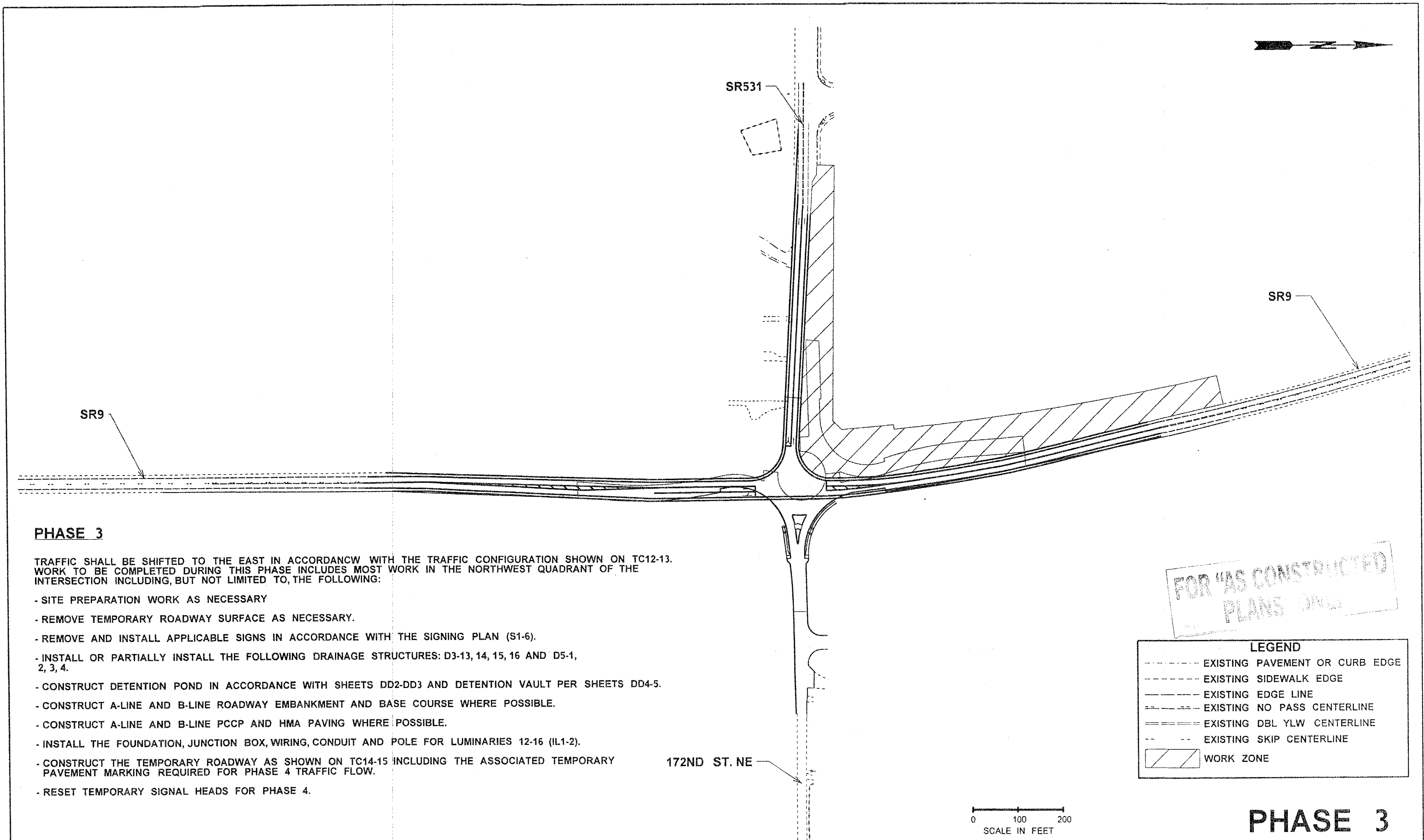
- REMOVAL OF EXISTING SIGNAL.
- UNCOVER DETOUR SIGNS INSTALLED DURING PHASE 1.
- SITE PREPARATION WORK AS NECESSARY.
- INSTALL OR PARTIALLY INSTALL THE FOLLOWING DRAINAGE STRUCTURES: D3-18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 AND D6-1, 2, 3, 4.
- REMOVE AND INSTALL APPLICABLE SIGNS IN ACCORDANCE WITH THE SIGNING PLANS (S1-6).
- CONSTRUCT A-LINE AND B-LINE ROADWAY EMBANKMENT AND BASE COURSE WHERE POSSIBLE.
- CONSTRUCT A-LINE AND B-LINE PCCP AND HMA PAVING WHERE POSSIBLE.
- INSTALL THE FOUNDATION, JUNCTION BOX, WIRING, CONDUIT, AND POLE FOR LUMINARIES 5 THROUGH 11 (IL1-2).
- CONSTRUCT THE TEMPORARY ROADWAY ON TC12-13 INCLUDING THE ASSOCIATED TEMPORARY PAVEMENT MARKINGS REQUIRED FOR PHASE 3 TRAFFIC FLOW. IMPLEMENT THE CLOSURE OF SR 531 (TC10-11) TO CONSTRUCT PORTIONS OF TEMPORARY ROADWAY. SEE SPECIAL PROVISIONS CONSTRUCTION UNDER TRAFFIC FOR ALLOWABLE CLOSURE HOURS.
- RESET TEMPORARY SIGNAL HEADS FOR PHASE 3.

FOR "AS CONSTRUCTED"
PLANS ONLY

LEGEND	
-----	EXISTING PAVEMENT OR CURB EDGE
-----	EXISTING SIDEWALK EDGE
-----	EXISTING EDGE LINE
-----	EXISTING NO PASS CENTERLINE
=====	EXISTING DBL YLW CENTERLINE
----	EXISTING SKIP CENTERLINE
	WORK ZONE

PHASE 2

FILE NAME I:\Projects\XL3325_SR9_SR531_172nd_St_NE_Int\CAD\PS&ESheets\XL3325_PS_PHASING.dgn				REGION NO. STATE		FED.AID PROJ.NO.		 Washington State Department of Transportation		SR 9		Plot 2
TIME 7:02:34 AM				10 WASH						SR 531/172ND ST NE & EAGLEFIELD DR	PLAN REF NO CP2	
DATE 9/21/2011										INTERSECTION IMPROVEMENT & PAVING		SHEET 17 OF 230 SHEETS
PLOTTED BY lamaymp										CONSTRUCTION PHASING PLAN		
DESIGNED BY M. LAMAY												
ENTERED BY M. MCREYNOLDS												
CHECKED BY J. KORESKI												
PROJ. ENGR. S. SPAHR												
REGIONAL ADM. L. ENG				REVISION		DATE		BY				
								P.E. STAMP BOX		DATE		
								P.E. STAMP BOX		DATE		

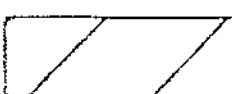


PHASE 3

TRAFFIC SHALL BE SHIFTED TO THE EAST IN ACCORDANCE WITH THE TRAFFIC CONFIGURATION SHOWN ON TC12-13. WORK TO BE COMPLETED DURING THIS PHASE INCLUDES MOST WORK IN THE NORTHWEST QUADRANT OF THE INTERSECTION INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

- SITE PREPARATION WORK AS NECESSARY
- REMOVE TEMPORARY ROADWAY SURFACE AS NECESSARY.
- REMOVE AND INSTALL APPLICABLE SIGNS IN ACCORDANCE WITH THE SIGNING PLAN (S1-6).
- INSTALL OR PARTIALLY INSTALL THE FOLLOWING DRAINAGE STRUCTURES: D3-13, 14, 15, 16 AND D5-1, 2, 3, 4.
- CONSTRUCT DETENTION POND IN ACCORDANCE WITH SHEETS DD2-DD3 AND DETENTION VAULT PER SHEETS DD4-5.
- CONSTRUCT A-LINE AND B-LINE ROADWAY EMBANKMENT AND BASE COURSE WHERE POSSIBLE.
- CONSTRUCT A-LINE AND B-LINE PCCP AND HMA PAVING WHERE POSSIBLE.
- INSTALL THE FOUNDATION, JUNCTION BOX, WIRING, CONDUIT AND POLE FOR LUMINARIES 12-16 (IL1-2).
- CONSTRUCT THE TEMPORARY ROADWAY AS SHOWN ON TC14-15 INCLUDING THE ASSOCIATED TEMPORARY PAVEMENT MARKING REQUIRED FOR PHASE 4 TRAFFIC FLOW.
- RESET TEMPORARY SIGNAL HEADS FOR PHASE 4.

FOR "AS CONSTRUCTED
PLANS ONLY"

LEGEND	
-----	EXISTING PAVEMENT OR CURB EDGE
-----	EXISTING SIDEWALK EDGE
-----	EXISTING EDGE LINE
-----	EXISTING NO PASS CENTERLINE
=====	EXISTING DBL YLW CENTERLINE
- - - - -	EXISTING SKIP CENTERLINE
	WORK ZONE

0 100 200
SCALE IN FEET

PHASE 3

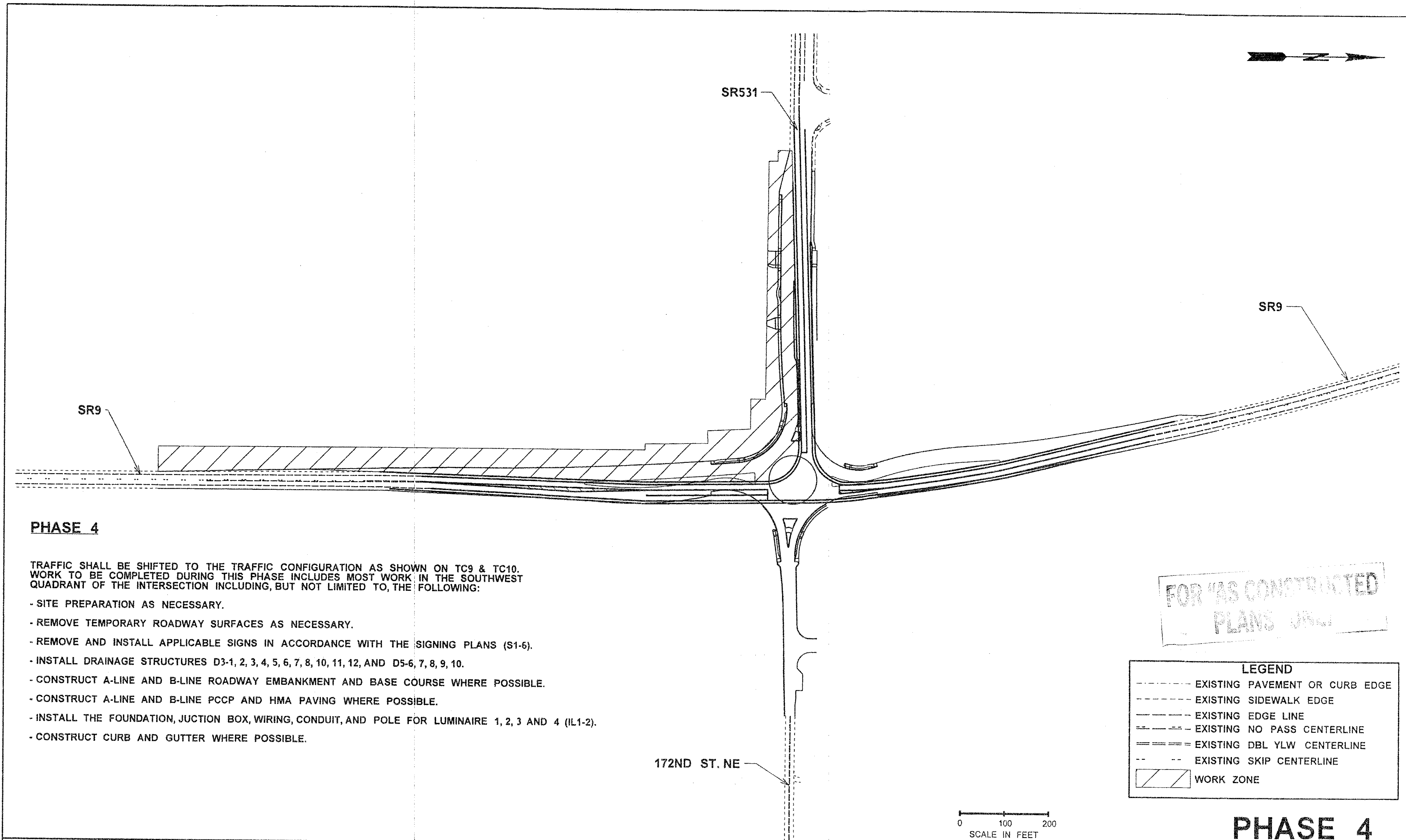
FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS PHASING.dgn				REGION NO. STATE		FED.AID PROJ.NO.		Plot 3	
TIME 8:51:58 AM				10 WASH				PLAN REF NO CP3	
DATE 9/19/2011								SHEET 18 OF 230 SHEETS	
PLOTTED BY gunnm				JOB NUMBER 10A042				SR 9	
DESIGNED BY M. LAMAY				CONTRACT NO.				SR 531/172ND ST NE & EAGLEFIELD DR	
ENTERED BY M. MCREYNOLDS				LOCATION NO.				INTERSECTION IMPROVEMENT & PAVING	
CHECKED BY J. KORESKI								CONSTRUCTION PHASING PLAN	
PROJ. ENGR. S. SPAHR									
REGIONAL ADM. L. ENG				REVISION		DATE BY			



Washington State
Department of Transportation

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

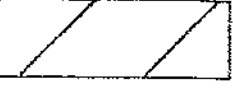


PHASE 4

TRAFFIC SHALL BE SHIFTED TO THE TRAFFIC CONFIGURATION AS SHOWN ON TC9 & TC10. WORK TO BE COMPLETED DURING THIS PHASE INCLUDES MOST WORK IN THE SOUTHWEST QUADRANT OF THE INTERSECTION INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

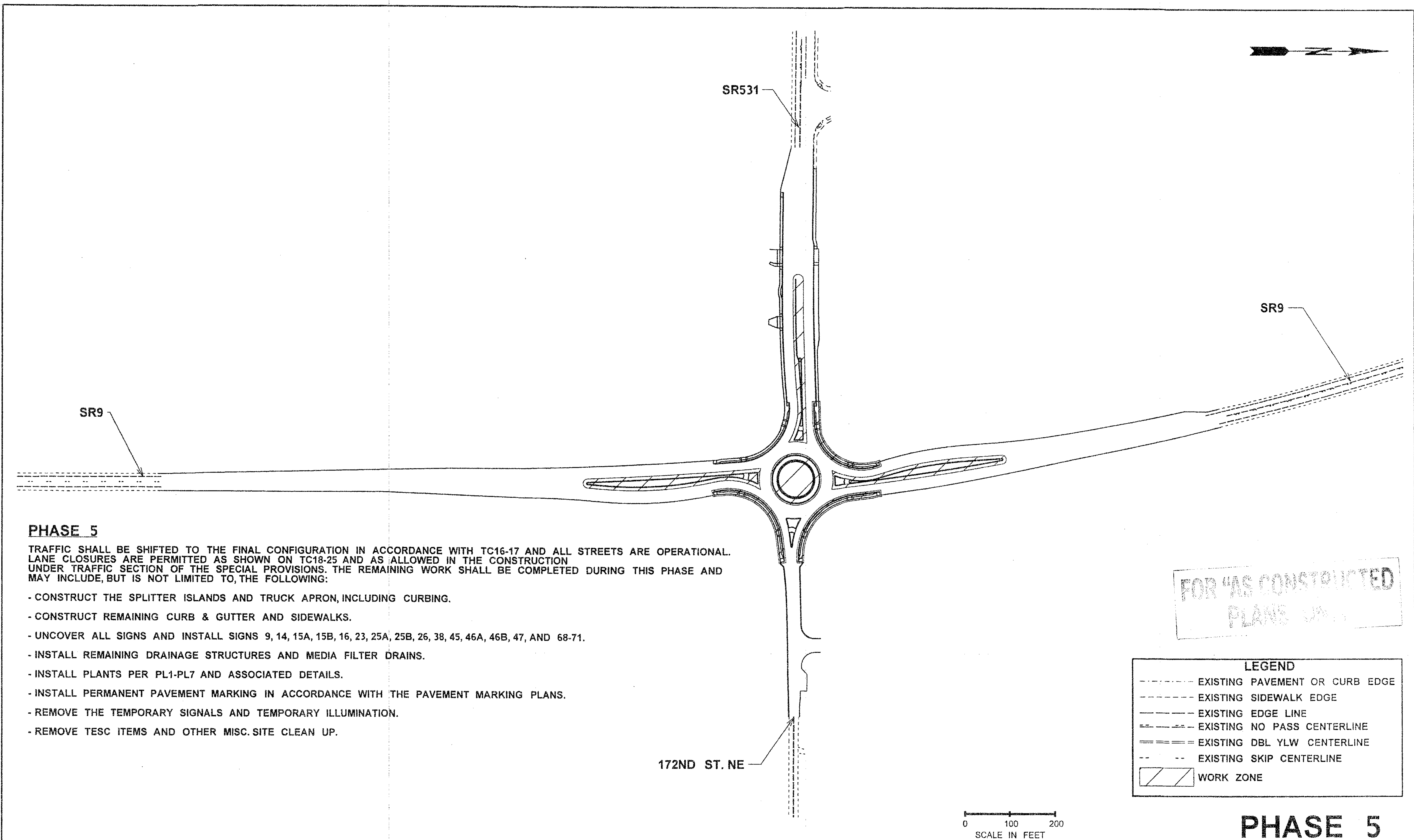
- SITE PREPARATION AS NECESSARY.
- REMOVE TEMPORARY ROADWAY SURFACES AS NECESSARY.
- REMOVE AND INSTALL APPLICABLE SIGNS IN ACCORDANCE WITH THE SIGNING PLANS (S1-6).
- INSTALL DRAINAGE STRUCTURES D3-1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, AND D5-6, 7, 8, 9, 10.
- CONSTRUCT A-LINE AND B-LINE ROADWAY EMBANKMENT AND BASE COURSE WHERE POSSIBLE.
- CONSTRUCT A-LINE AND B-LINE PCCP AND HMA PAVING WHERE POSSIBLE.
- INSTALL THE FOUNDATION, JUCTION BOX, WIRING, CONDUIT, AND POLE FOR LUMINAIRE 1, 2, 3 AND 4 (IL1-2).
- CONSTRUCT CURB AND GUTTER WHERE POSSIBLE.

FOR 'AS CONSTRUCTED
PLANS ONLY

LEGEND	
-----	EXISTING PAVEMENT OR CURB EDGE
-----	EXISTING SIDEWALK EDGE
-----	EXISTING EDGE LINE
-----	EXISTING NO PASS CENTERLINE
=====	EXISTING DBL YLW CENTERLINE
----	EXISTING SKIP CENTERLINE
	WORK ZONE

PHASE 4

FILE NAME: I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325_PS_PHASING.dgn				REGION NO. 10 STATE WASH		FED.AID PROJ.NO.		 Washington State Department of Transportation		SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING CONSTRUCTION PHASING PLAN		Plot 4		
TIME: 6:58:29 AM	DATE: 9/21/2011	PLOTTED BY: lamaymp	DESIGNED BY: M. LAMAY	ENTERED BY: M. MCREYNOLDS	CHECKED BY: J. KORESKI	PROJ. ENGR: S. SPAHR	REGIONAL ADM: L. ENG					REVISION	DATE	BY
												SHEET 19 OF 230 SHEETS		



PHASE 5

TRAFFIC SHALL BE SHIFTED TO THE FINAL CONFIGURATION IN ACCORDANCE WITH TC16-17 AND ALL STREETS ARE OPERATIONAL. LANE CLOSURES ARE PERMITTED AS SHOWN ON TC18-25 AND AS ALLOWED IN THE CONSTRUCTION UNDER TRAFFIC SECTION OF THE SPECIAL PROVISIONS. THE REMAINING WORK SHALL BE COMPLETED DURING THIS PHASE AND MAY INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING:

- CONSTRUCT THE SPLITTER ISLANDS AND TRUCK APRON, INCLUDING CURBING.
- CONSTRUCT REMAINING CURB & GUTTER AND SIDEWALKS.
- UNCOVER ALL SIGNS AND INSTALL SIGNS 9, 14, 15A, 15B, 16, 23, 25A, 25B, 26, 38, 45, 46A, 46B, 47, AND 68-71.
- INSTALL REMAINING DRAINAGE STRUCTURES AND MEDIA FILTER DRAINS.
- INSTALL PLANTS PER PL1-PL7 AND ASSOCIATED DETAILS.
- INSTALL PERMANENT PAVEMENT MARKING IN ACCORDANCE WITH THE PAVEMENT MARKING PLANS.
- REMOVE THE TEMPORARY SIGNALS AND TEMPORARY ILLUMINATION.
- REMOVE TESC ITEMS AND OTHER MISC. SITE CLEAN UP.

LEGEND

- EXISTING PAVEMENT OR CURB EDGE
- EXISTING SIDEWALK EDGE
- EXISTING EDGE LINE
- EXISTING NO PASS CENTERLINE
- ===== EXISTING DBL YLW CENTERLINE
- -- EXISTING SKIP CENTERLINE
- [Hatched Box] WORK ZONE

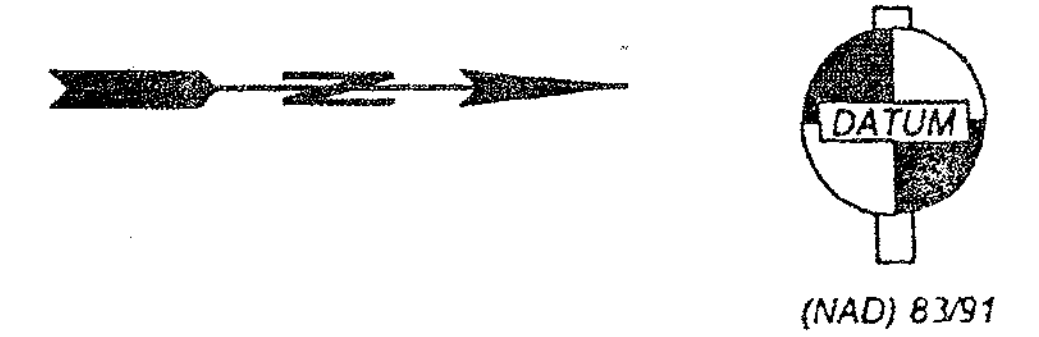
PHASE 5

FILE NAME I:\Projects\XL3325_SR9_SR531_172nd St NE Int\CAD\PS&ESheets\XL3325_PS_PHASING.dgn																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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LEGEND

— EXISTING EDGE LINE	△ SURVEY CONTROL POINT
- - - EXISTING EDGE OF PAVEMENT	- - - CORPORATE LIMITS
- - - EXISTING EDGE OF SHOULDER	- - - SIXTEENTH SECTION LINE
- - - EXISTING CURB	- - - SECTION LINE
- - - UNSUITABLE FOUNDATION EXCAVATION LIMITS	- - - WSDOT R/W
- CUT -	WSDOT LIMITED ACCESS
- FILL -	30 29
○ PROPERTY CORNER	31 32 SECTION CORNER FOUND
	○ SURVEY MONUMENT

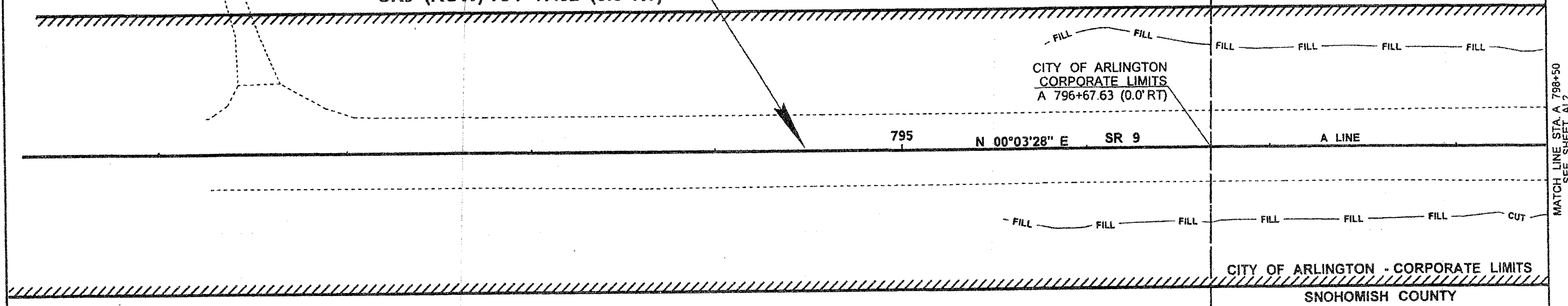
T. 31N. R. 5E. W.M.



LOCATION/SHEET	UNSUITABLE FOUNDATION EXCAVATION INCL. HAUL (CY)	QUARRY SPALLS (TON)*	GEOTEXTILE FABRIC FOR SEPARATION (SY)*
AREA 1 (AL2&3)	360	700	1080
AREA 2 (AL3&6)	252	477	750
AREA 3 (AL5)	83	158	250
AREA 4 (AL5)	45	86	140
TOTALS	740	1421	2220

*REFER TO STRUCTURE NOTES-DRAINAGE AND QUANTITY TABULATION-TEMPORARY EROSION CONTROL SHEETS FOR ADDITIONAL QUANTITIES.

BEGIN PROJECT
SR 9
MP 25.75
STA A 794+50.00=
SR9 (ROW) 794+17.02 (0.0' RT)

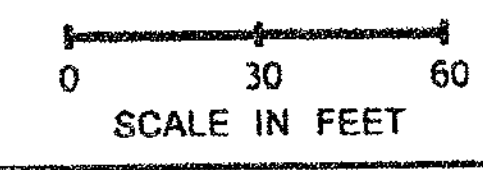


GENERAL NOTES:

1. IN ACCORDANCE WITH RCW 58.09-130, ANY MONUMENT OR CORNER NOT SCHEDULED FOR REMOVAL, ABANDONMENT, OR ADJUSTMENT THAT IS DISTURBED BY THE CONTRACTORS SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY.
2. A UTILITY EASEMENT HAS BEEN ACQUIRED BY THE CITY OF ARLINGTON AND RIGHTS HAVE BEEN ASSIGNED TO WSDOT FOR THE CONSTRUCTION OF SANITARY SEWER FACILITIES.
3. FOR ABANDONING OR ADJUSTING MONUMENT CASE AND COVERS AND PROPERTY CORNERS SEE SPECIAL PROVISION ABANDON OR ADJUST MONUMENT CASE AND COVERS AND PROPERTY CORNERS.

CONSTRUCTION NOTES:

- 1 TO BE PROTECTED
- 2 TO BE ABANDONED
- 3 TO BE ADJUSTED
- 4 TO BE INSTALLED BY OTHERS AND PROTECTED



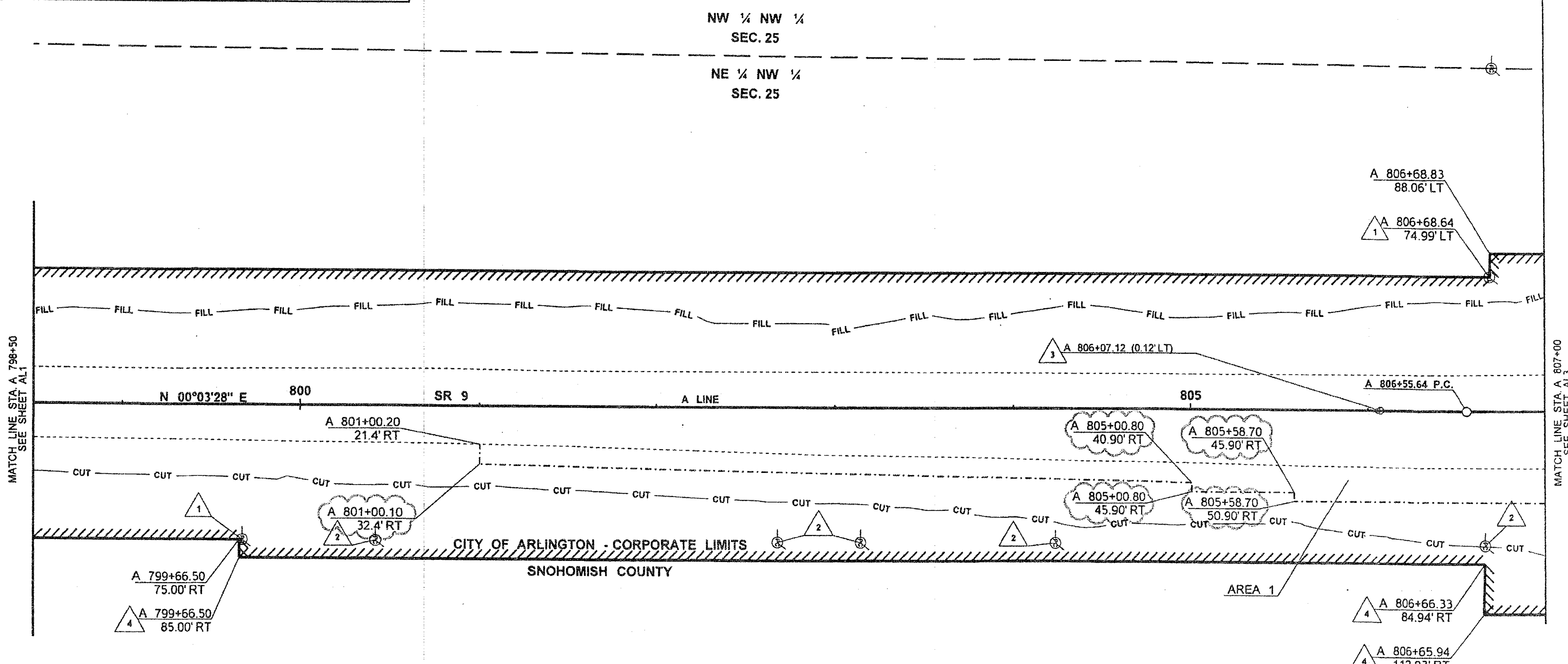
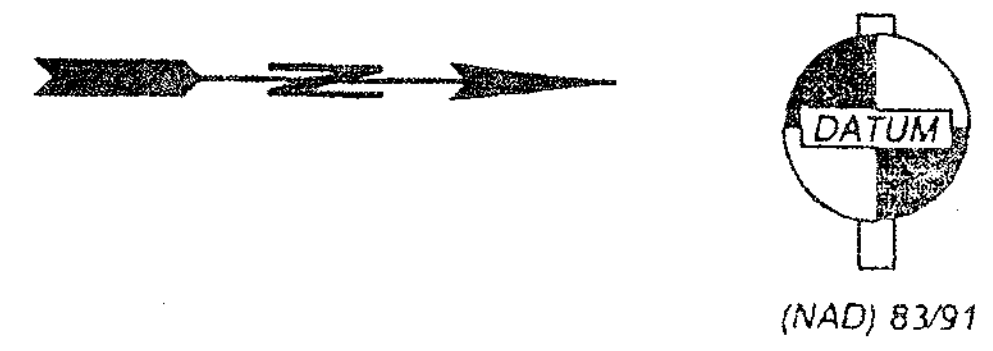
FOR "AS CONSTRUCTED" PLANS ONLY

FILE NAME	I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS AL RW.dgn			REGION NO.	STATE	FED.AID PROJ.NO.		DATE	P.E. STAMP BOX	DATE		SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING ALIGNMENT/RIGHT OF WAY	Plot 1
TIME	11:16:49 AM			AD1 - REVISED QUANTITIES	10/25/2011	SMS							PLAN REF NO
DATE	10/26/2011												AL1
PLOTTED BY	lamaymp												SHEET
DESIGNED BY	M. GUNN												21
ENTERED BY	K.SOLWOLD						OF						
CHECKED BY	J. KORESKI						230						
PROJ. ENGR.	S.SPAHR						SHEETS						
REGIONAL ADM.	L. ENG			REVISION	DATE	BY							

LEGEND

— EXISTING EDGE LINE	△ SURVEY CONTROL POINT
- - - EXISTING EDGE OF PAVEMENT	- - - CORPORATE LIMITS
- - - EXISTING EDGE OF SHOULDER	- - - SIXTEENTH SECTION LINE
- - - EXISTING CURB	- - - SECTION LINE
- - - UNSUITABLE FOUNDATION EXCAVATION LIMITS	— WSDOT RAW
- CUT — CUT LINE	//// WSDOT LIMITED ACCESS
- FILL — FILL LINE	30 29 SECTION CORNER FOUND
⊙ PROPERTY CORNER	31 32
	○ SURVEY MONUMENT

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

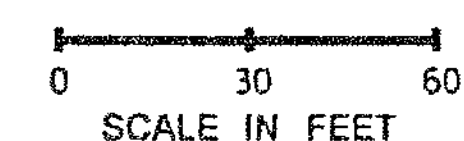


GENERAL NOTES:

1. IN ACCORDANCE WITH RCW 58.09-130, ANY MONUMENT OR CORNER NOT SCHEDULED FOR REMOVAL, ABANDONMENT, OR ADJUSTMENT THAT IS DISTURBED BY THE CONTRACTORS SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY.
2. A UTILITY EASEMENT HAS BEEN ACQUIRED BY THE CITY OF ARLINGTON AND RIGHTS HAVE BEEN ASSIGNED TO WSDOT FOR THE CONSTRUCTION OF SANITARY SEWER FACILITIES.
3. FOR ABANDONING OR ADJUSTING MONUMENT CASE AND COVERS AND PROPERTY CORNERS SEE SPECIAL PROVISION ABANDON OR ADJUST MONUMENT CASE AND COVERS AND PROPERTY CORNERS.

CONSTRUCTION NOTES:

- | | |
|-----|---|
| △ 1 | TO BE PROTECTED |
| △ 2 | TO BE ABANDONED |
| △ 3 | TO BE ADJUSTED |
| △ 4 | TO BE INSTALLED BY OTHERS AND PROTECTED |



FOR "AS CONSTRUCTED" PLAN

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
A 815+27.63	17° 18' 21.00"	5730.00'	871.99'	1731.71'	N/A

FILE NAME: I:\Projects\3325 SR9 SR531 172nd St NE IntCADIPS&ESheets\3325 PS AL RW.dgn		TIME: 11:16:50 AM		DATE: 10/26/2011		PLOTTED BY: lamaymp		DESIGNED BY: M. GUNN		ENTERED BY: K. SOLWOLD		CHECKED BY: J. KORESKI		PROJ. ENGR: S. SPAHR		REGIONAL ADM: L. ENG	
AD1 - REVISED EXCAVATION LIMITS		10/25/2011 SMS		REGION NO. 10		STATE WASH		FED. AID PROJ. NO.		CONTRACT NO. 10A042		LOCATION NO.		DATE: 10/26/11		P.E. STAMP BOX	
SR 9		SR 531/172ND ST NE & EAGLEFIELD DR		INTERSECTION IMPROVEMENT & PAVING		ALIGNMENT/RIGHT OF WAY		Washington State Department of Transportation		Plot 2		PLAN REF NO. AL2		SHEET 22 OF 230 SHEETS			

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
B 17+29.90	7° 58' 50.21"	250.00'	17.44'	34.82'	N/A
B 19+84.86	7° 14' 55.71"	420.00'	26.60'	53.14'	N/A
A 815+27.63	17° 18' 21.00"	5730.00'	871.99'	1731.71'	N/A

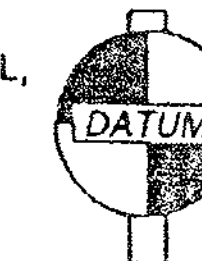
T. 31N. R. 5E. W.M.

GENERAL NOTES:

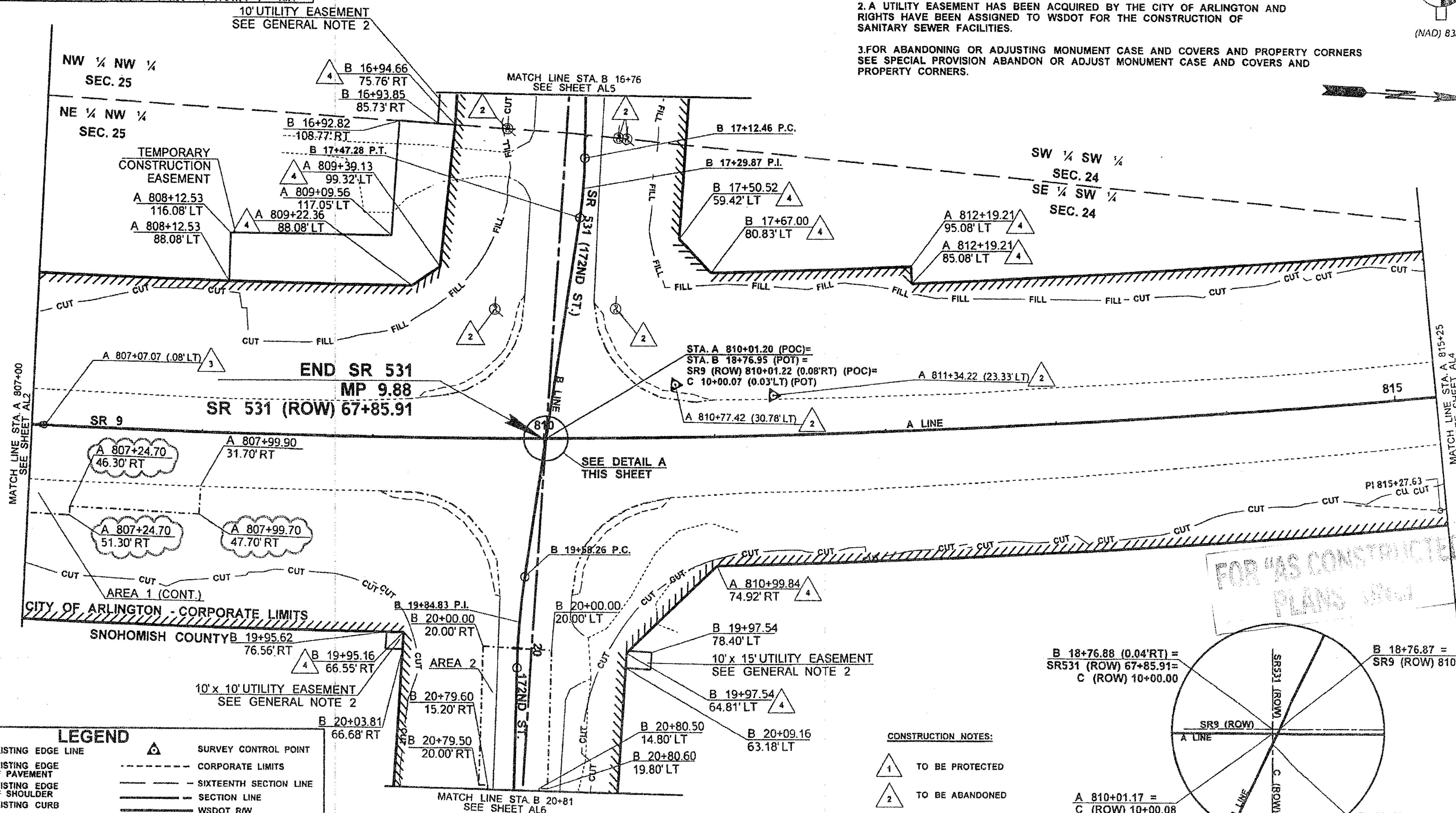
1. IN ACCORDANCE WITH RCW 58.09-130, ANY MONUMENT OR CORNER NOT SCHEDULED FOR REMOVAL, ABANDONMENT, OR ADJUSTMENT THAT IS DISTURBED BY THE CONTRACTORS SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY.

2. A UTILITY EASEMENT HAS BEEN ACQUIRED BY THE CITY OF ARLINGTON AND RIGHTS HAVE BEEN ASSIGNED TO WSDOT FOR THE CONSTRUCTION OF SANITARY SEWER FACILITIES.

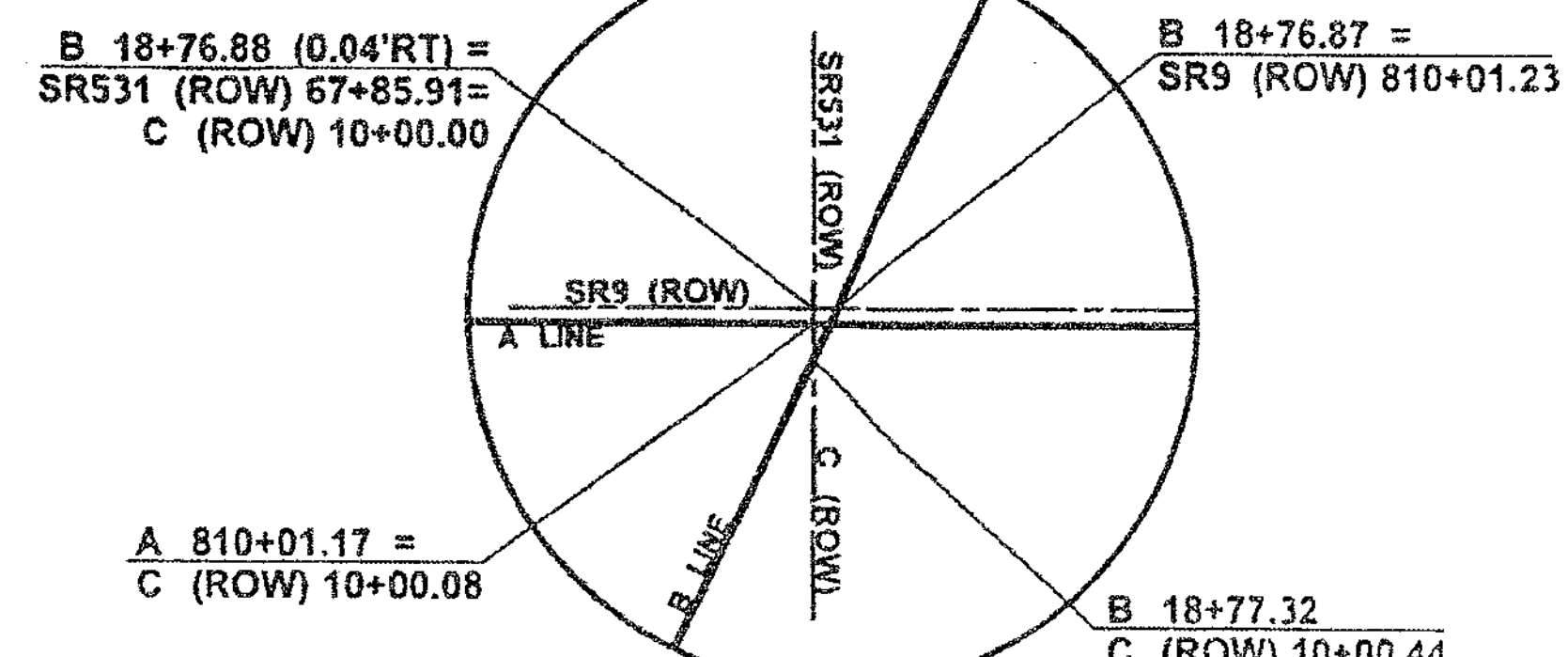
3. FOR ABANDONING OR ADJUSTING MONUMENT CASE AND COVERS AND PROPERTY CORNERS SEE SPECIAL PROVISION ABANDON OR ADJUST MONUMENT CASE AND COVERS AND PROPERTY CORNERS.



(NAD) 83/91



FOR "AS CONSTRUCTED" PLANS ONLY



DETAIL A

LEGEND

— — — — — EXISTING EDGE LINE	△ SURVEY CONTROL POINT
— — — — — EXISTING EDGE OF PAVEMENT	— — — — — CORPORATE LIMITS
— — — — — EXISTING EDGE OF SHOULDER	— — — — — SIXTEENTH SECTION LINE
— — — — — EXISTING CURB	— — — — — SECTION LINE
— — — — — UNSUITABLE FOUNDATION EXCAVATION LIMITS	— — — — — WSDOT R/W
- CUT - CUT LINE	— — — — — WSDOT LIMITED ACCESS
- FILL - FILL LINE	30 29 SECTION CORNER FOUND
○ PROPERTY CORNER	31 32
	○ SURVEY MONUMENT

CONSTRUCTION NOTES:

- 1 TO BE PROTECTED
- 2 TO BE ABANDONED
- 3 TO BE ADJUSTED
- 4 TO BE INSTALLED BY OTHERS AND PROTECTED

FILE NAME: I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS AL RW.dgn		REGION NO. 10		STATE WASH		FED.AID PROJ.NO.	
TIME: 11:16:52 AM	DATE: 10/26/2011	AD1 - REVISED EXCAVATION LIMITS		10/25/2011 SMS			
PLOTTED BY: lamaymp	DESIGNED BY: M. GUNN			JOB NUMBER: 10A042			
ENTERED BY: K.SOLWOLD	CHECKED BY: J. KORESKI			CONTRACT NO.			
PROJ. ENGR: S.SPAHR	REGIONAL ADM: L. ENG			LOCATION NO.			
REVISION		DATE		BY			

10/26/11

Washington State
Department of Transportation

SR 9
SR 531/172ND ST NE & EAGLEFIELD DR
INTERSECTION IMPROVEMENT & PAVING

ALIGNMENT/RIGHT OF WAY

Plot 3
PLAN REF NO
AL3

SHEET
23
OF
230
SHEETS

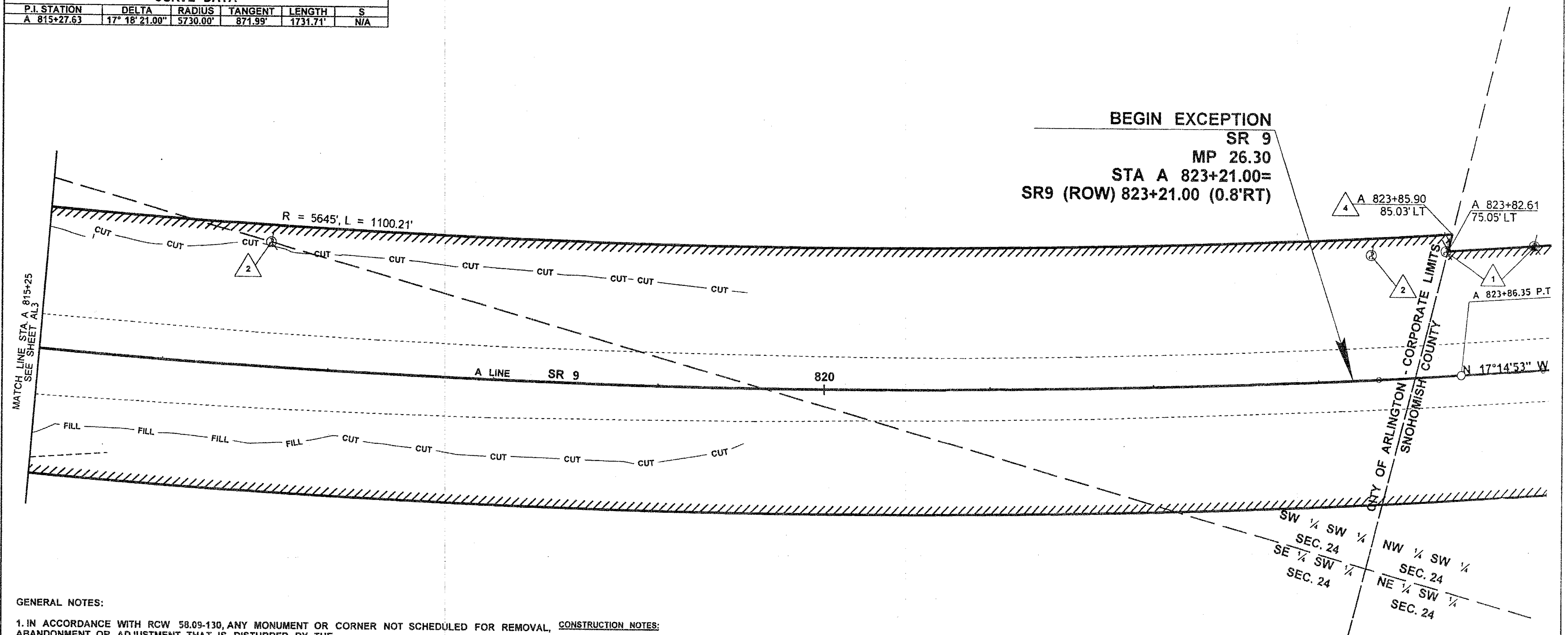
T. 31N. R. 5E. W.M.

LEGEND

— — — — —	EXISTING EDGE LINE	△	SURVEY CONTROL POINT
— — — — —	EXISTING EDGE OF PAVEMENT	---	CORPORATE LIMITS
— — — — —	EXISTING EDGE OF SHOULDER	---	SIXTEENTH SECTION LINE
— — — — —	EXISTING CURB	---	SECTION LINE
— — — — —	UNSUITABLE FOUNDATION EXCAVATION LIMITS	---	WSDOT R/W
- CUT -	CUT LINE		WSDOT LIMITED ACCESS
- FILL -	FILL LINE	+	SECTION CORNER FOUND
○	PROPERTY CORNER	○	SURVEY MONUMENT

CURVE DATA

P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
A 815+27.63	17° 18' 21.00"	5730.00'	871.99'	1731.71'	N/A



BEGIN EXCEPTION
SR 9
MP 26.30
STA A 823+21.00=
SR9 (ROW) 823+21.00 (0.8'RT)

GENERAL NOTES:

1. IN ACCORDANCE WITH RCW 58.09-130, ANY MONUMENT OR CORNER NOT SCHEDULED FOR REMOVAL, ABANDONMENT, OR ADJUSTMENT THAT IS DISTURBED BY THE CONTRACTORS SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY.

2. A UTILITY EASEMENT HAS BEEN ACQUIRED BY THE CITY OF ARLINGTON AND RIGHTS HAVE BEEN ASSIGNED TO WSDOT FOR THE CONSTRUCTION OF SANITARY SEWER FACILITIES.

3. FOR ABANDONING OR ADJUSTING MONUMENT CASE AND COVERS AND PROPERTY CORNERS SEE SPECIAL PROVISION ABANDON OR ADJUST MONUMENT CASE AND COVERS AND PROPERTY CORNERS.

- CONSTRUCTION NOTES:
- 1 TO BE PROTECTED
 - 2 TO BE ABANDONED
 - 3 TO BE ADJUSTED
 - 4 TO BE INSTALLED BY OTHERS AND PROTECTED

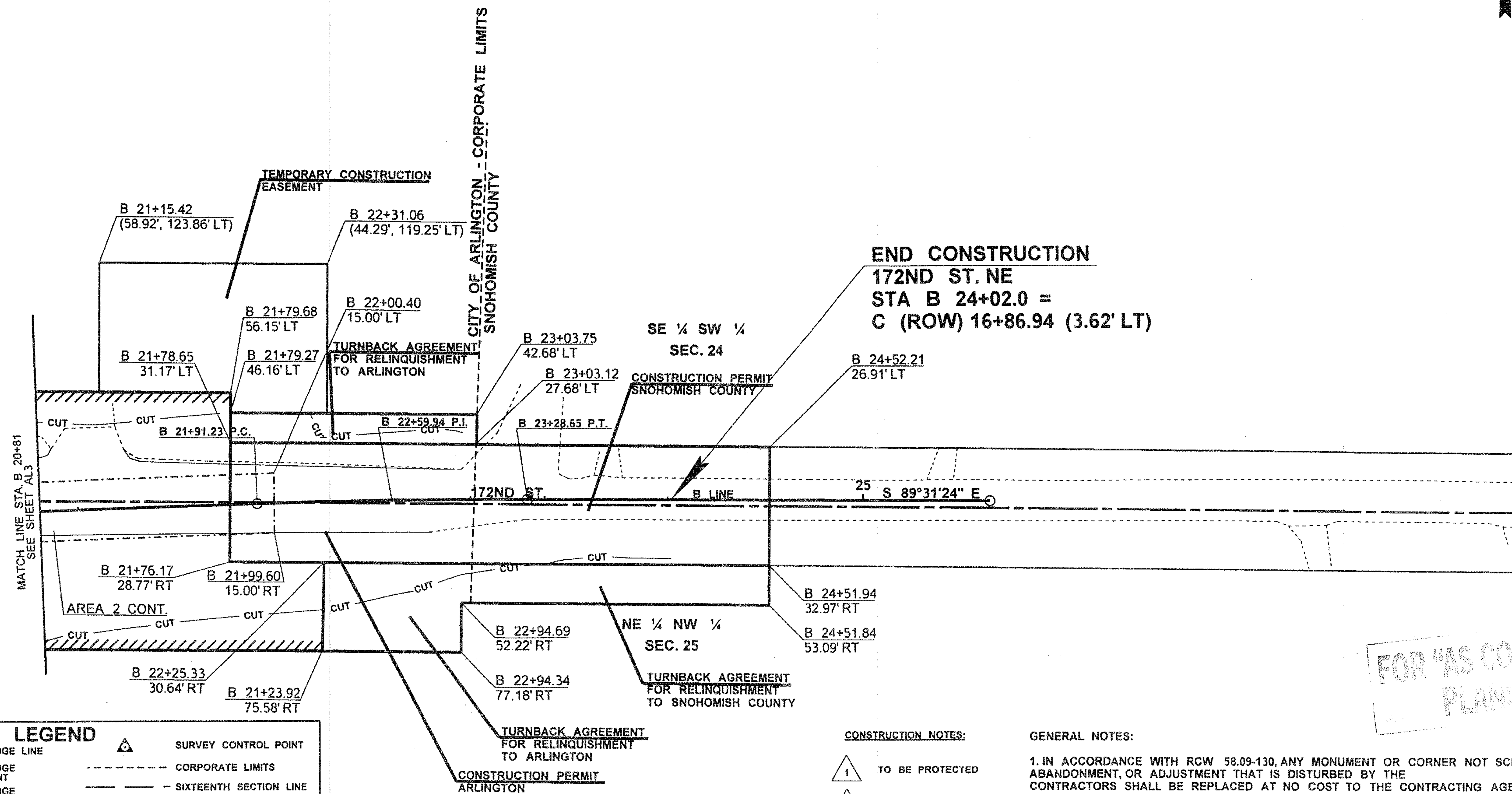
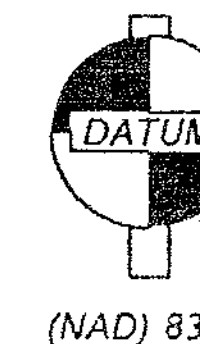
0 30 60
SCALE IN FEET

FOR "AS CONSTRUCTED"
PLANS ONLY

FILE NAME: H:\Projects\XL3325 SR9_SR531 172nd St NE Int\CAD\PS&ESheets\XL3325_PS_AL_RW.dgn		REGION NO. 10 STATE WASH		FED.AID PROJ.NO.						SR 9		Plot 4	
TIME: 10:21:01 AM	DATE: 9/22/2011	DESIGNED BY: M. GUNN	ENTERED BY: K. SOLWOLD	CHECKED BY: J. KORESKI	PROJ. ENGR: S. SPAHR					REGIONAL ADM. L. ENG	REVISION	DATE	BY
ALIGNMENT/RIGHT OF WAY												SHEET 24 OF 230 SHEETS	

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
B 22+59.95	2° 06' 08.64"	3745.00'	68.72'	137.42'	N/A

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



LEGEND	
— EXISTING EDGE LINE	△ SURVEY CONTROL POINT
- - - EXISTING EDGE OF PAVEMENT	- - - CORPORATE LIMITS
- - - EXISTING EDGE OF SHOULDER	- - - SIXTEENTH SECTION LINE
- - - EXISTING CURB	- - - SECTION LINE
- - - UNSUITABLE FOUNDATION EXCAVATION LIMITS	- - - WSDOT R/W
- CUT — CUT LINE	WSDOT LIMITED ACCESS
- FILL — FILL LINE	30 29 SECTION CORNER FOUND
○ PROPERTY CORNER	○ SURVEY MONUMENT

- CONSTRUCTION NOTES:
- 1 TO BE PROTECTED
 - 2 TO BE ABANDONED
 - 3 TO BE ADJUSTED
 - 4 TO BE INSTALLED BY OTHERS AND PROTECTED

- GENERAL NOTES:
- IN ACCORDANCE WITH RCW 58.09-130, ANY MONUMENT OR CORNER NOT SCHEDULED FOR REMOVAL, ABANDONMENT, OR ADJUSTMENT THAT IS DISTURBED BY THE CONTRACTORS SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY.
 - A UTILITY EASEMENT HAS BEEN ACQUIRED BY THE CITY OF ARLINGTON AND RIGHTS HAVE BEEN ASSIGNED TO WSDOT FOR THE CONSTRUCTION OF SANITARY SEWER FACILITIES.
 - FOR ABANDONING OR ADJUSTING MONUMENT CASE AND COVERS AND PROPERTY CORNERS SEE SPECIAL PROVISION ABANDON OR ADJUST MONUMENT CASE AND COVERS AND PROPERTY CORNERS.

FOR "AS CONSTRUCTED" PLANS

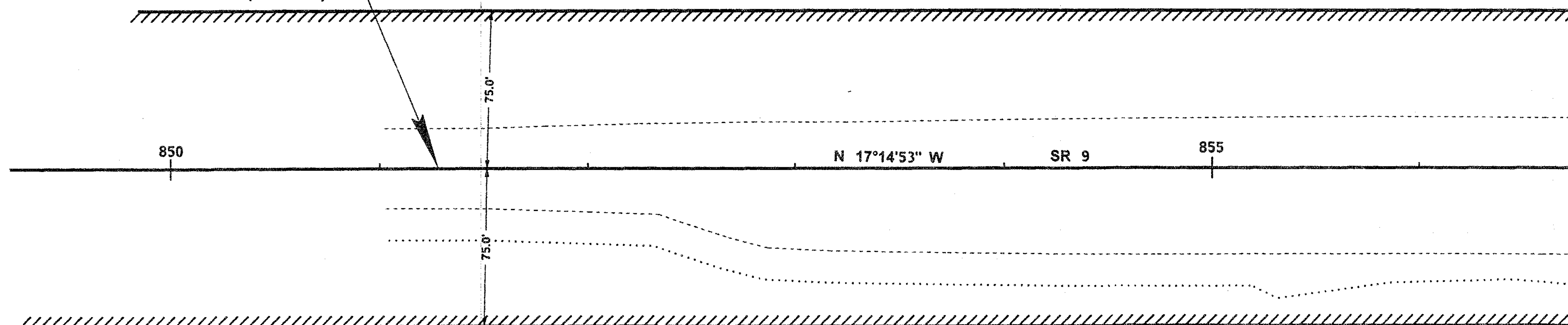
FILE NAME: I:\Projects\XL3325_SR9_SR531_172nd_St_NE_Int\CAD\PS&ESheets\XL3325_PS_AL_RW.dgn		REGION NO. 10		STATE WASH	FED.AID PROJ.NO.			SR 9	SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING	ALIGNMENT/RIGHT OF WAY	PLOT 6
TIME: 9:46:57 AM	DATE: 9/27/2011	JOB NUMBER 10A042		LOCATION NO.	PLAN REF NO. AL6						
DESIGNED BY: M.GUNN	ENTERED BY: K.SOLWOLD	CONTRACT NO.			SHEET 26 OF 230 SHEETS						
CHECKED BY: J.KORESKI	PROJ. ENGR. S.SPAHR										
REGIONAL ADM. L.ENG	REVISION	DATE	BY			P.E. STAMP BOX	DATE				

LEGEND	
— EXISTING EDGE LINE	△ SURVEY CONTROL POINT
- - - EXISTING EDGE OF PAVEMENT	- - - CORPORATE LIMITS
- - - EXISTING EDGE OF SHOULDER	- - - SIXTEENTH SECTION LINE
- - - EXISTING CURB	- - - SECTION LINE
- - - UNSUITABLE FOUNDATION EXCAVATION LIMITS	— WSDOT R/W
- CUT — CUT LINE	//// WSDOT LIMITED ACCESS
- FILL — FILL LINE	30 29 31 32 SECTION CORNER FOUND
○ PROPERTY CORNER	○ SURVEY MONUMENT

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



END EXCEPTION
SR 9
MP 26.83
STA A 851+45.0=
SR9 (ROW) 851+19.4 (0.0' RT)



MATCH LINE STA. A 856+75
SEE SHEET AL8

GENERAL NOTES:

1. IN ACCORDANCE WITH RCW 58.09-130, ANY MONUMENT OR CORNER NOT SCHEDULED FOR REMOVAL, ABANDONMENT, OR ADJUSTMENT THAT IS DISTURBED BY THE CONTRACTORS SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY.
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CONSTRUCTION NOTES:

- 1 TO BE PROTECTED
- 2 TO BE ABANDONED
- 3 TO BE ADJUSTED
- 4 TO BE INSTALLED BY OTHERS AND PROTECTED

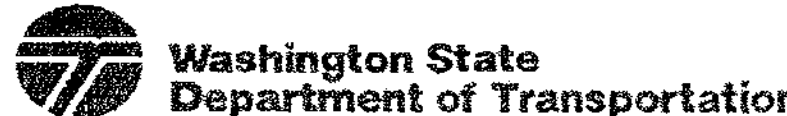
0 30 60
SCALE IN FEET

FOR "AS CONSTRUCTED
PLANS" ONLY

FILE NAME: I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\IPS&ESheets\XL3325 PS AL RW.dgn				REGION NO. 10 STATE WASH		FED.AID PROJ.NO.		Washington State Department of Transportation		SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING		Plot 11 PLAN REF NO AL7
TIME: 11:11:25 AM				JOB NUMBER 10A042		LOCATION NO.		DATE: 9/27/11		ALIGNMENT / RIGHT OF WAY		SHEET 27 OF 230 SHEETS
DATE: 9/27/2011				CONTRACT NO.								
PLOTTED BY: lamaymp												
DESIGNED BY: M. LAMAY												
ENTERED BY: K. SOLWOLD												
CHECKED BY: J. KORESKI												
PROJ. ENGR. S. SPAHR												
REGIONAL ADM. L. ENG												
REVISION				DATE		BY						

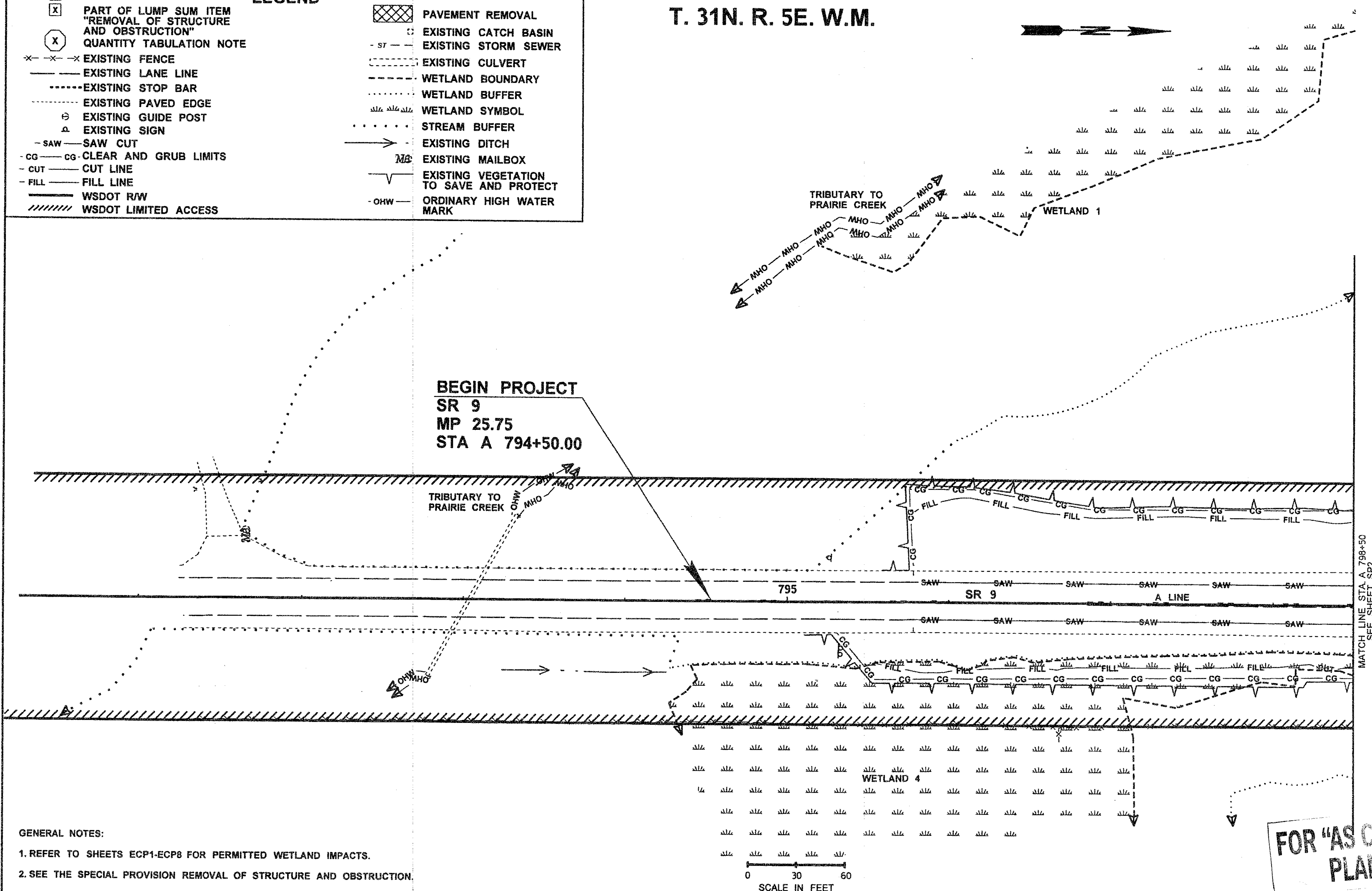
230

QUANTITY TABULATION - SITE PREPARATION

GENERAL NOTES:																			
NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.		REMOVING PAINT LINE*	REMOVING PLASTIC LINE	REMOVING PLASTIC TRAFFIC MARKING	REMOVING PAINTED CROSSWALK LINE	REMOVING PLASTIC CROSSWALK LINE	REMOVING WIRE FENCE	REMOVING CATCH BASIN	REMOVING STORM SEWER PIPE	SEE GENERAL NOTES									
CODE	LOCATION > \ UNIT OF MEASURE >	L.F.	L.F.	EACH	S.F.	S.F.	L.F.	EACH	L.F.										
SP1	A 795+77 TO A 819+60	7540		4	330					3	*SEE SHEET QTPM1-QTPM10 FOR ADDITIONAL QUANTITIES. 1. PLUG REMAINING CONNECTIONS AFTER REMOVAL IN ACCORDANCE WITH SECTION 2-02 OF THE SPECIAL PROVISION REMOVAL OF STRUCTURES AND OBSTRUCTIONS. 2. REFER TO THE SPECIAL PROVISION REMOVAL OF STRUCTURES AND OBSTRUCTIONS FOR REMOVAL REQUIREMENTS. 3. REMOVAL OF PAVEMENT MARKINGS SHALL BE COORDINATED WITH THE APPROPRIATE CONSTRUCTION PHASE.								
SP1	B 10+00 TO B 24+00	4200		4	660					3									
SP2-1	A 799+67 (75' RT) TO A 806+70 (75.8' RT)						710			2									
SP3-1	B 18+16.1 (23.4' RT) TO B 19+36.2 (25.0' RT)								121	2									
SP3-2	B 18+15 (23' RT)							1		1									
SP3-3	B 18+15 (24' RT) TO A 809+32.2 (46.5' LT)								57	2									
SP3-4	B 18+10 (19' LT)							1		1									
SP3-5	A 809+14.2 (50' RT) TO B 19+37.2 (26.5' RT)								53	2									
SP3-6	B 19+38 (25' RT)							1		1									
SP3-7	B 19+38.9 (25.1' RT) TO B 21+29.3 (12.4' RT)								193	2									
SP3-8	B 20+47 (22' RT) TO B 24+00 (21' RT)						360			2									
SP3-9	B 19+35.2 (31.3' LT) TO B 21+31.6 (22.4' LT)								193	2									
SP3-10	B 19+34.0 (31.0' RT)							1		1									
SP3-11	A 811+23.0 (38.8' RT)							1		1									
SP3-12	A 812+98.0 (40.2' RT)							1		1									
SP3-13	A 810+98 (79' LT) TO A 819+57 (74' LT)						860			2									
SP3-14	A 811+23.8 (39.0' RT) TO A 812+97.2 (39.9' RT)								175	2									
SP3-15	A 810+23.76 (61.2' RT) TO A 811+22.33 (39.2' RT)								105	2									
SP5-1	B 12+88 (30' LT) TO B 13+97 (30' LT)						110			2									
SP5-2	B 14+60 (18' LT)							1		1									
SP5-3	B 14+62 (30' LT) TO B 17+45 (22' LT)						290			2									
SP5-4	B 16+41 (12' LT)							1		1									
SP5-5	B 13+53.6 (26.3' RT) TO B 14+25.9 (17.6' RT)								75	2									
SP5-6	B 14+27 (26' RT)							1		1									
SP5-7	B 14+28.1 (17.8' RT) TO B 16+37.0 (25.1' RT)								210	2									
SP5-8	B 16+38 (26' RT)							1		1									
SP6-1	B 21+33 (22' LT)							1		1									
SP6-2	B 21+33 (22' LT) TO B 22+91.4 (23.3' LT)								158	2									
SP6-3	B 22+91.4 (23.3' LT)							1		1									
SP6-4	B 22+91.4 (23.3' LT) TO B 23+45 (16' LT)								55	2									
SP6-5	B 21+31 (12' RT)							1		1									
SP6-6	B 21+31 (12' RT) TO B 22+96.7 (18.7' RT)								165	2									
SP7	A 852+34.1 TO A 857+16.3	210	3580	12		740				3									
SHEET TOTAL		11950	3580	20	990	740	2330	13	1560										
PROJECT TOTAL		11950	3580	20	990	740	2330	13	1560										
DESIGNED BY		M. LAMAY			REGION NO.	STATE	FED. AID PROJ. NO.										SR 9		QTSP 1
ENTERED BY		M. MCREYNOLDS			10	WASH											SR 531/172ND ST NE & EAGLEFIELD DR. INTERSECTION IMPROVEMENT & PAVING		SHEET
CHECKED BY		J. KORESKI			JOB NUMBER														29
PROJ. ENGR.		S. SPAHR			10A042														OF
REGION ADM.		L. ENG			CONTRACT NO.												QUANTITY TABULATION - SITE PREPARATION		230
																			SHEETS
		DATE	DATE	REVISION	BY														

LEGEND	
	CONSTRUCTION NOTE
	PART OF LUMP SUM ITEM "REMOVAL OF STRUCTURE AND OBSTRUCTION"
	QUANTITY TABULATION NOTE
	EXISTING FENCE
	EXISTING LANE LINE
	EXISTING STOP BAR
	EXISTING PAVED EDGE
	EXISTING GUIDE POST
	EXISTING SIGN
	SAW CUT
	CG CLEAR AND GRUB LIMITS
	CUT LINE
	FILL LINE
	WSDOT R/W
	WSDOT LIMITED ACCESS
	PAVEMENT REMOVAL
	EXISTING CATCH BASIN
	EXISTING STORM SEWER
	EXISTING CULVERT
	WETLAND BOUNDARY
	WETLAND BUFFER
	WETLAND SYMBOL
	STREAM BUFFER
	EXISTING DITCH
	EXISTING MAILBOX
	EXISTING VEGETATION TO SAVE AND PROTECT
	ORDINARY HIGH WATER MARK

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



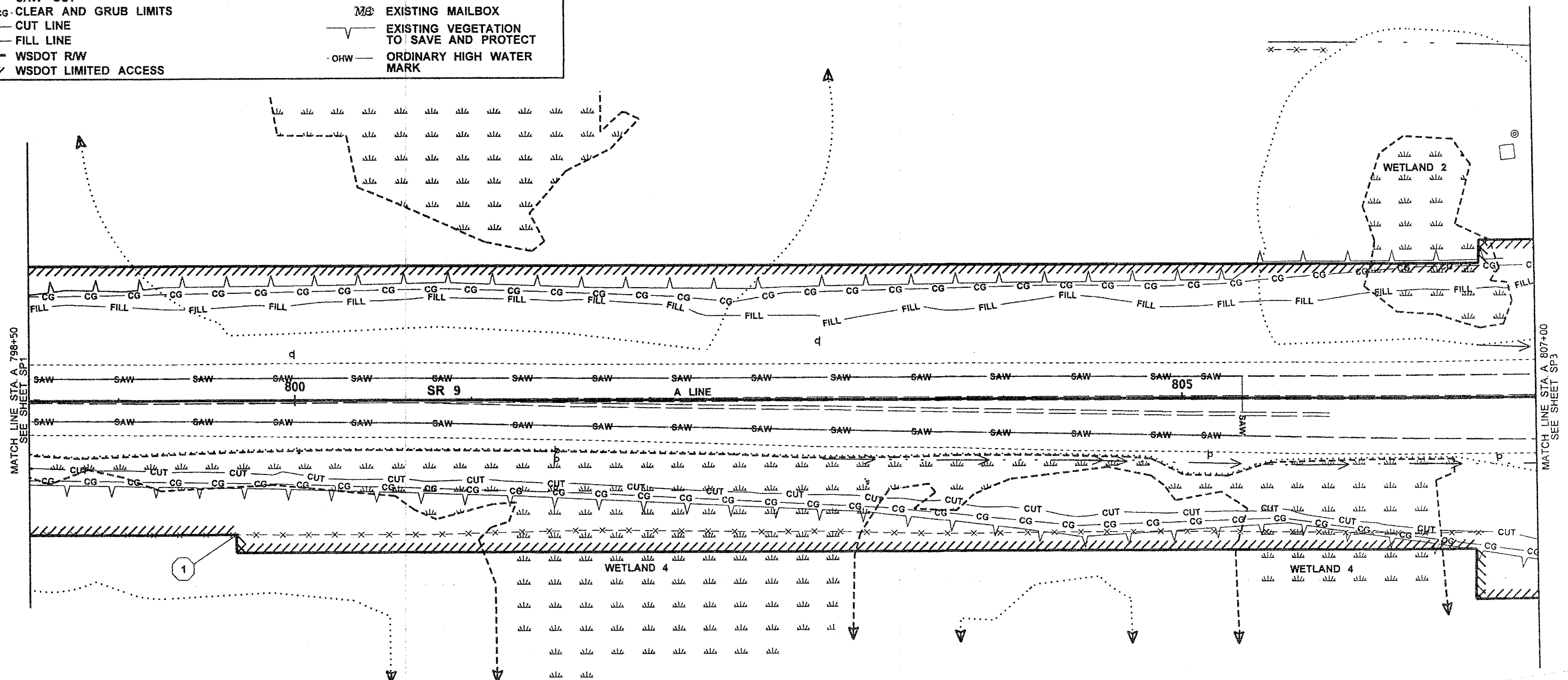
GENERAL NOTES:

1. REFER TO SHEETS ECP1-ECP8 FOR PERMITTED WETLAND IMPACTS.
2. SEE THE SPECIAL PROVISION REMOVAL OF STRUCTURE AND OBSTRUCTION.

FILE NAME: I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS SITE PREP.dgn				REGION NO. 10 STATE WASH		FED.AID PROJ.NO.				SR 9		Plot 1
TIME: 9:45:24 AM				JOB NUMBER 10A042		LOCATION NO.				SR 531/172ND ST NE & EAGLEFIELD DR		PLAN REF NO SP1
DATE: 9/22/2011				CONTRACT NO.				Washington State Department of Transportation		INTERSECTION IMPROVEMENT & PAVING		SHEET 30 OF 230 SHEETS
PLOTTED BY: solwalk										SITE PREPARATION PLAN		
DESIGNED BY: M. GUNN												
ENTERED BY: K.SOLWOLD												
CHECKED BY: J. KORESKI												
PROJ. ENGR. S.SPAHR												
REGIONAL ADM. L. ENG												
REVISION				DATE		BY		P.E. STAMP BOX		DATE		

FOR "AS CONSTRUCTED PLANS" ONLY

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



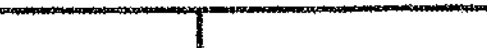
GENERAL NOTES:

1. REFER TO SHEETS ECP1-ECP8 FOR PERMITTED WETLAND IMPACTS.
2. SEE THE SPECIAL PROVISION REMOVAL OF STRUCTURE AND OBSTRUCTION.

0 30 60

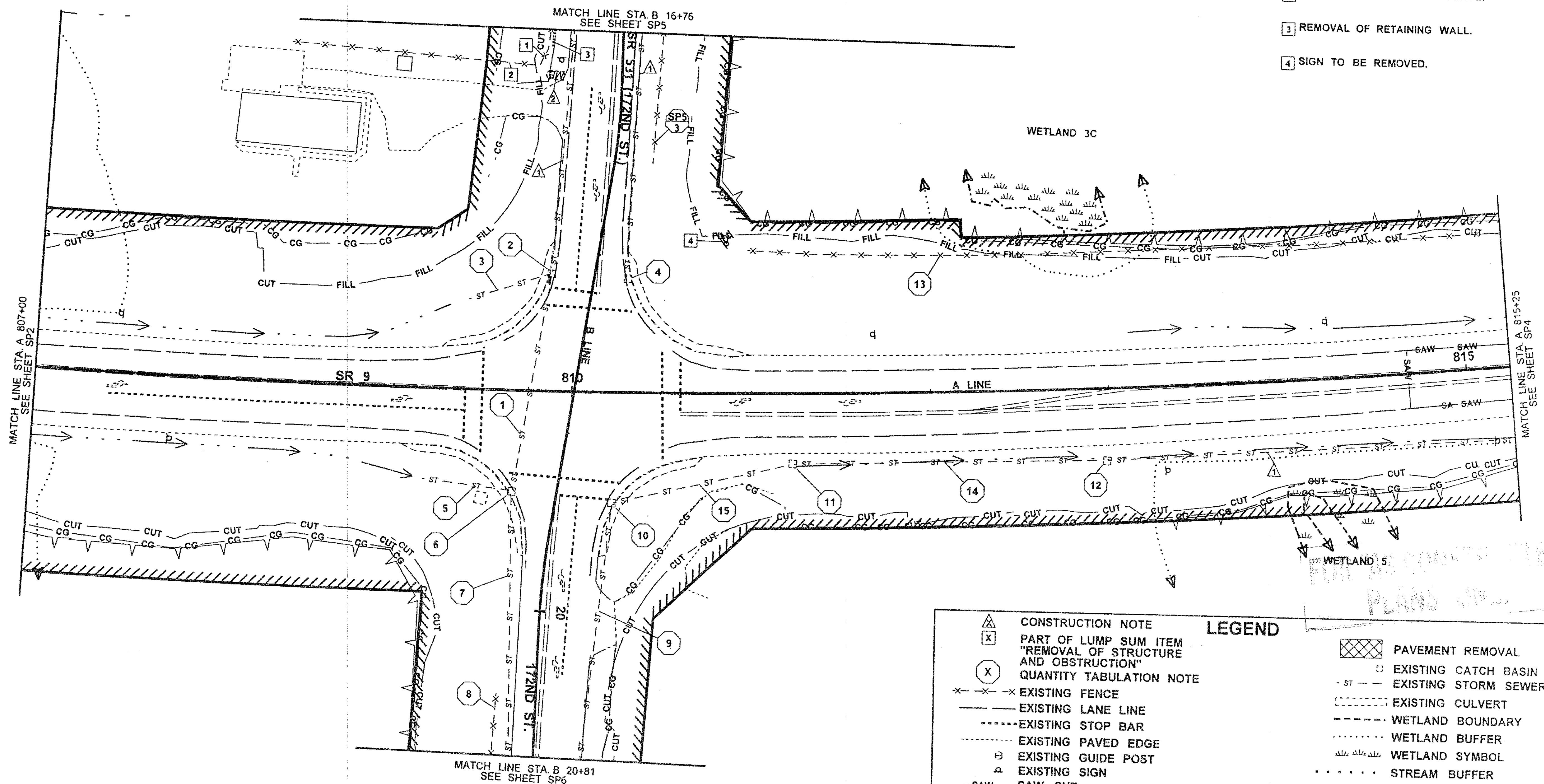
SCALE IN FEET

FOR "AS CONSTRUCTED
PLANS ONLY

FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS SITE PREP.dgn										 P.E. STAMP BOX		 Washington State Department of Transportation		Plot 2 SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING SP2		SHEET 31 OF 230 SHEETS	
TIME	9:45:25 AM					REGION NO.	STATE	FED.AID PROJ.NO.									
DATE	9/22/2011					10	WASH										
PLOTTED BY	solwolk					JOB NUMBER											
DESIGNED BY	M. GUNN					10A042											
ENTERED BY	K.SOLWOLD					CONTRACT NO.											
CHECKED BY	J. KORESKE					LOCATION NO.											
PROJ. ENGR.	S.SPAHR																
REGIONAL ADM.	I. ENG																
REVISION					DATE	BY											

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

- △ ABANDON STORM SEWER PIPE IN PLACE.
- △ RELOCATE MAILBOX SUPPORT IN ACCORDANCE WITH SECTION 8-10.
- 1 REMOVAL OF WOOD FENCE.
- 2 REMOVAL OF CHAIN LINK FENCE.
- 3 REMOVAL OF RETAINING WALL.
- 4 SIGN TO BE REMOVED.



GENERAL NOTES:

1. REFER TO SHEETS ECP1-ECP8 FOR PERMITTED WETLAND IMPACTS.
2. SEE THE SPECIAL PROVISION REMOVAL OF STRUCTURE AND OBSTRUCTION.

LEGEND	
△ CONSTRUCTION NOTE	PAVEMENT REMOVAL
X PART OF LUMP SUM ITEM "REMOVAL OF STRUCTURE AND OBSTRUCTION"	EXISTING CATCH BASIN
X QUANTITY TABULATION NOTE	ST EXISTING STORM SEWER
-X-X- EXISTING FENCE	EXISTING CULVERT
— EXISTING LANE LINE	WETLAND BOUNDARY
----- EXISTING STOP BAR	WETLAND BUFFER
----- EXISTING PAVED EDGE	WETLAND SYMBOL
⊕ EXISTING GUIDE POST	STREAM BUFFER
△ EXISTING SIGN	EXISTING DITCH
-SAW- SAW CUT	MB EXISTING MAILBOX
-CG- CG CLEAR AND GRUB LIMITS	EXISTING VEGETATION TO SAVE AND PROTECT
-CUT- CUT LINE	OHV ORDINARY HIGH WATER MARK
-FILL- FILL LINE	
WSDOT R/W	
WSDOT LIMITED ACCESS	

0 30 60
SCALE IN FEET

FILE NAME: I:\Projects\X13325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\X13325 PS SITE PREP.dgn		REGION NO. 10 STATE WASH		FED.AID PROJ.NO.		Washington State Department of Transportation		SR 9		Plot 3
TIME: 3:24:51 PM		JOB NUMBER 10A042		LOCATION NO.				SR 531/172ND ST NE & EAGLEFIELD DR		PLAN REF NO SP3
DATE: 9/28/2011		CONTRACT NO.		DATE: 9/28/11		INTERSECTION IMPROVEMENT & PAVING		SHEET 32 OF 230 SHEETS		
PLOTTED BY: gunnm		BY:		DATE:		SITE PREPARATION PLAN				
DESIGNED BY: M. GUNN										
ENTERED BY: K.SOLWOLD										
CHECKED BY: J. KORESKE										
PROJ. ENGR. S.SPAHR										
REGIONAL ADM. L. ENG										

LEGEND

△ CONSTRUCTION NOTE

⊗ PART OF LUMP SUM ITEM "REMOVAL OF STRUCTURE AND OBSTRUCTION"

⊗ QUANTITY TABULATION NOTE

---X---X---X EXISTING FENCE

--- EXISTING LANE LINE

----- EXISTING STOP BAR

----- EXISTING PAVED EDGE

⊙ EXISTING GUIDE POST

△ EXISTING SIGN

- SAW - SAW CUT

- CG - CG CLEAR AND GRUB LIMITS

- CUT - CUT LINE

- FILL - FILL LINE

===== WSDOT RW

/////// WSDOT LIMITED ACCESS

▨ PAVEMENT REMOVAL

□ EXISTING CATCH BASIN

- ST - EXISTING STORM SEWER

----- EXISTING CULVERT

----- WETLAND BOUNDARY

----- WETLAND BUFFER

▨ WETLAND SYMBOL

----- STREAM BUFFER

→ EXISTING DITCH

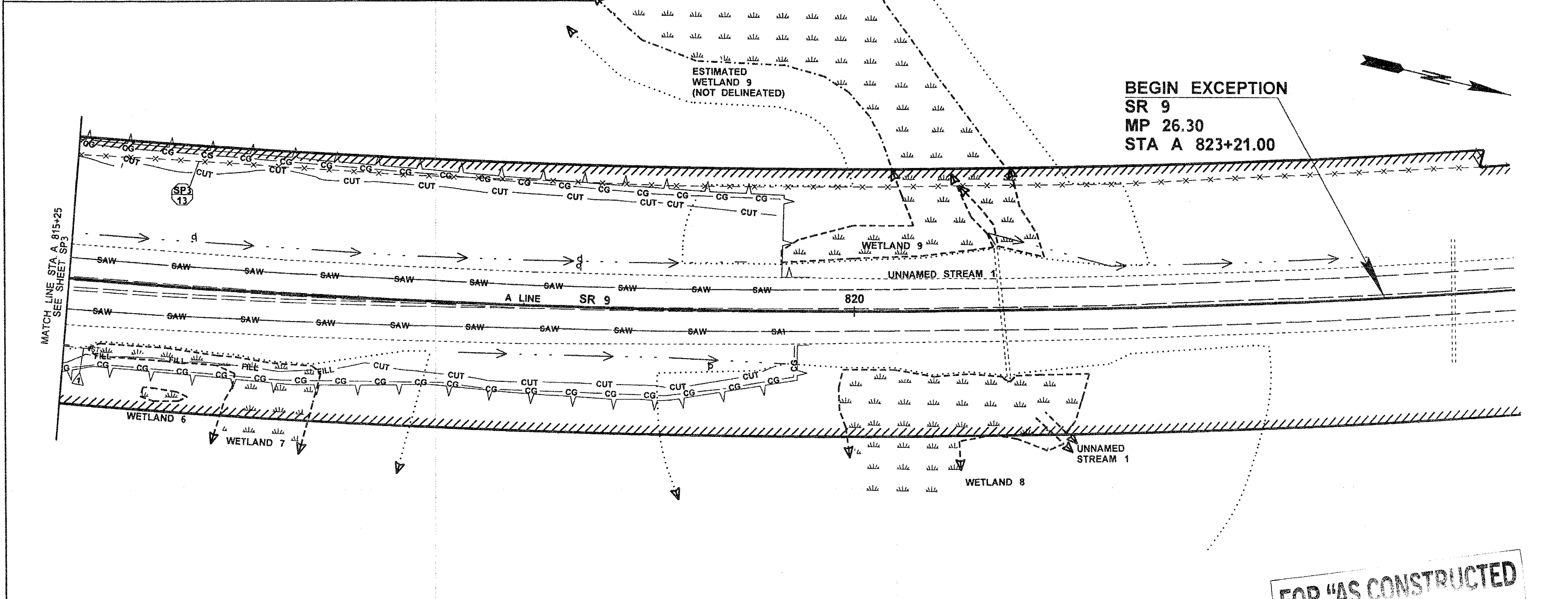
MB EXISTING MAILBOX

▽ EXISTING VEGETATION TO SAVE AND PROTECT

- OHW - ORDINARY HIGH WATER MARK

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

△ ABANDON STORM SEWER PIPE IN PLACE.



GENERAL NOTES:

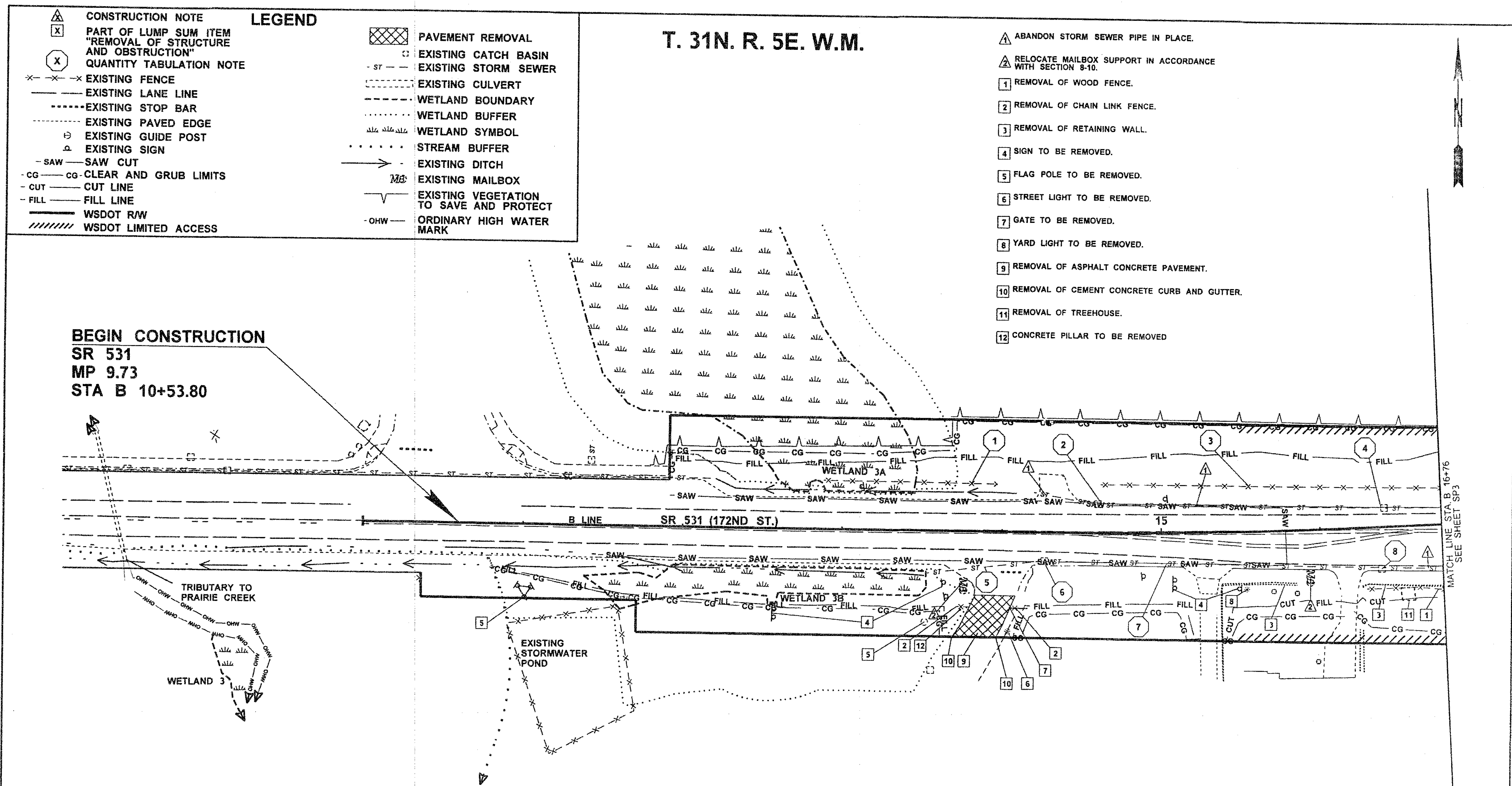
- REFER TO SHEETS ECP1-ECP8 FOR PERMITTED WETLAND IMPACTS.
- SEE THE SPECIAL PROVISION REMOVAL OF STRUCTURE AND OBSTRUCTION.

0 30 60

SCALE IN FEET

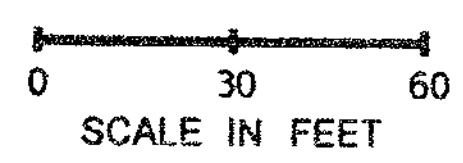
FOR "AS CONSTRUCTED PLANS" ONLY

FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS SITE PREP.dgn				REGION NO. 10 STATE WASH		FED.AID PROJ.NO.						SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING		Plot 4	
TIME 1:24:47 PM				JOB NUMBER 10A042		LOCATION NO.								PLAN REF NO SP4	
DATE 9/22/2011				CONTRACT NO.											
PLOTTED BY lamaymp															
DESIGNED BY M. GUNN															
ENTERED BY K.SOLWOLD															
CHECKED BY J. KORESKI															
PROJ. ENGR. S.SPAHR															
REGIONAL ADM. L. ENG															
				REVISION		DATE		BY							

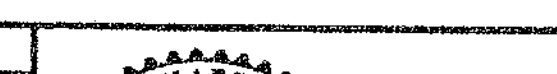


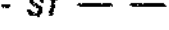
GENERAL NOTES:

1. REFER TO SHEETS ECP1-ECP8 FOR PERMITTED WETLAND IMPACTS.
2. SEE THE SPECIAL PROVISION REMOVAL OF STRUCTURE AND OBSTRUCTION.

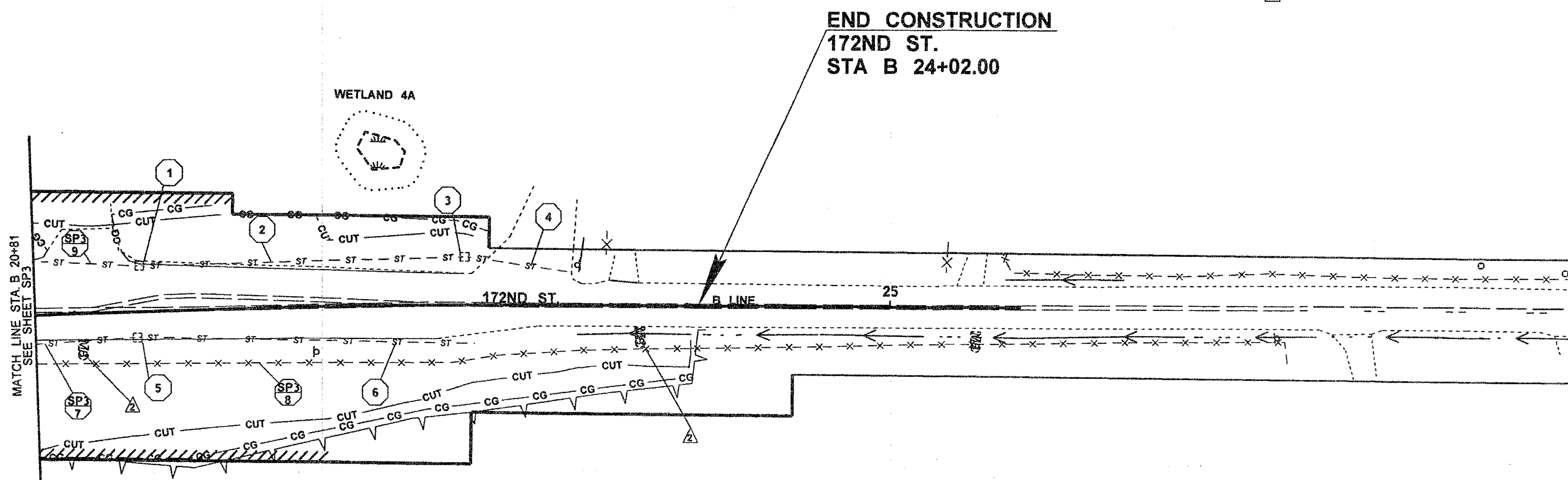


FOR "AS CONSTRUCTED
PLANS

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TIME 9:45:29 AM		DATE 9/22/2011		PLOTTED BY solwolk		DESIGNED BY M. GUNN		ENTERED BY K.SOLWOLD		CHECKED BY J. KORESKE		PROJ. ENGR. S.SPAHR		REGIONAL ADM. L. ENG		REVISION		DATE		BY		REGION NO. 10		STATE WASH		FED.AID PROJ.NO.				P.E. STAMP BOX		DATE		P.E. STAMP BOX		DATE				Washington State Department of Transportation		SR 9		SR 531/172ND ST NE & EAGLEFIELD DR		Plot 5													
																																																						INTERSECTION IMPROVEMENT & PAVING		SP5			
																																																								SITE PREPARATION PLAN		SHEET 34 OF 230 SHEETS	

	CONSTRUCTION NOTE		PAVEMENT REMOVAL
	PART OF LUMP SUM ITEM "REMOVAL OF STRUCTURE AND OBSTRUCTION"		EXISTING CATCH BASIN
	QUANTITY TABULATION NOTE	- ST -	EXISTING STORM SEWER
-X-X-X-	EXISTING FENCE	----	EXISTING CULVERT
— — — —	EXISTING LANE LINE	-----	WETLAND BOUNDARY
-----	EXISTING STOP BAR		WETLAND BUFFER
-----	EXISTING PAVED EDGE		WETLAND SYMBOL
⊕	EXISTING GUIDE POST		STREAM BUFFER
Δ	EXISTING SIGN	—————>	EXISTING DITCH
- SAW —	SAW CUT	MB	EXISTING MAILBOX
- CG — CG -	CLEAR AND GRUB LIMITS		EXISTING VEGETATION TO SAVE AND PROTECT
- CUT —	CUT LINE	- OHW —	ORDINARY HIGH WATER MARK
- FILL —	FILL LINE		
	WSDOT R/W		
	WSDOT LIMITED ACCESS		

- 1 ABANDON STORM SEWER PIPE IN PLACE.
- 2 RELOCATE MAILBOX SUPPORT IN ACCORDANCE WITH SECTION 8-10.
- 3 REMOVAL OF WOOD FENCE.
- 4 REMOVAL OF CHAIN LINK FENCE.
- 5 REMOVAL OF RETAINING WALL.
- 6 SIGN TO BE REMOVED.
- 7 FLAG POLE TO BE REMOVED.
- 8 STREET LIGHT TO BE REMOVED.
- 9 GATE TO BE REMOVED.
- 10 YARD LIGHT TO BE REMOVED.
- 11 REMOVAL OF ASPHALT CONCRETE PAVEMENT.
- 12 REMOVAL OF CEMENT CONCRETE CURB AND GUTTER.
- 13 REMOVAL OF TREEHOUSE.
- 14 CONCRETE PILLAR TO BE REMOVED.



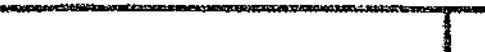
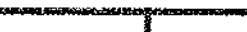
END CONSTRUCTION
172ND ST.
STA B 24+02.00

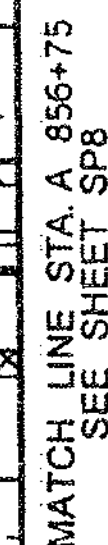
GENERAL NOTES:

1. REFER TO SHEETS ECP1-ECP8 FOR PERMITTED WETLAND IMPACTS.
2. SEE THE SPECIAL PROVISION REMOVAL OF STRUCTURE AND OBSTRUCTION.

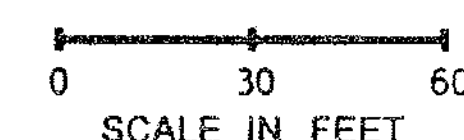
FOR "AS CONSTRUCTED
PLANS" ONLY

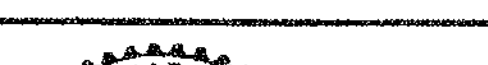
2 RELOCATE MAILBOX SUPPORT IN ACCORDANCE WITH SECTION 8-10 OF THE STANDARD PLANS.

FILE NAME I:\Projects\XL3325_SR9_SR531_172nd St NE Int\CAD\PS&ESheets\XL3325 PS SITE PREP.dgn										 WASHINGTON STATE DEPARTMENT OF TRANSPORTATION 9/22/11 DATE		P.E. STAMP BOX		DATE		 Washington State Department of Transportation		Plot 6	
TIME 9:45:30 AM		REGION NO. 10		STATE WASH		FED.AID PROJ.NO.		SR 9											
DATE 9/22/2011						JOB NUMBER 10A042								SR 531/172ND ST NE & EAGLEFIELD DR		PLAN REF NO SP6			
PLOTTED BY solwalk						CONTRACT NO.		LOCATION NO.						INTERSECTION IMPROVEMENT & PAVING		SHEET 35 OF 230 SHEETS			
DESIGNED BY M.GUNN														SITE PREPARATION PLAN					
ENTERED BY K.SOLWOLD																			
CHECKED BY J.KORESKI																			
PROJ. ENGR. S.SPAHR																			
REGIONAL ADM. L.ENG		REVISION		DATE		BY													



ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-22-2011 BY 60322 UCBAW



FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS SITE PREP.dgn										SCALE IN FEET																																	
TIME 9:45:31 AM		DATE 9/22/2011		PLOTTED BY solwolk		DESIGNED BY M.GUNN		ENTERED BY K.SOLWOLD		CHECKED BY J.KORESKE		PROJ. ENGR. S.SPAHR		REGIONAL ADM. L.ENG		REVISION		DATE		BY		REGION NO. 10		STATE WASH		JOB NUMBER 10A042		CONTRACT NO.		LOCATION NO.		FED.AID PROJ.NO.		 DATE 9/22/11		 Washington State Department of Transportation		SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING		Plot 7 PLAN REF NO SP7		SHEET 36 OF 230 SHEETS	
																										DATE		DATE		SITE PREPARATION PLAN													

- 1 REMOVAL OF ASPHALT CONCRETE PAVEMENT
- 2 REMOVAL OF CEMENT CONCRETE SIDEWALK
- 3 REMOVAL OF CEMENT CONCRETE CURB AND GUTTER
- 4 REMOVAL OF CEMENT CONCRETE CURB

CONSTRUCTION NOTE

(X) PART OF LUMP SUM ITEM "REMOVAL OF STRUCTURE AND OBSTRUCTION"

(X) QUANTITY TABULATION NOTE

---X---X--- EXISTING FENCE

--- EXISTING LANE LINE

----- EXISTING STOP BAR

----- EXISTING PAVED EDGE

⊕ EXISTING GUIDE POST

△ EXISTING SIGN

-SAW- SAW CUT

-CG- CG- CLEAR AND GRUB LIMITS

-CUT- CUT LINE

-FILL- FILL LINE

===== WSDOT R/W

////// WSDOT LIMITED ACCESS

LEGEND

▨ PAVEMENT REMOVAL

⊕ EXISTING CATCH BASIN

-ST- EXISTING STORM SEWER

----- EXISTING CULVERT

----- WETLAND BOUNDARY

----- WETLAND BUFFER

WETLAND SYMBOL

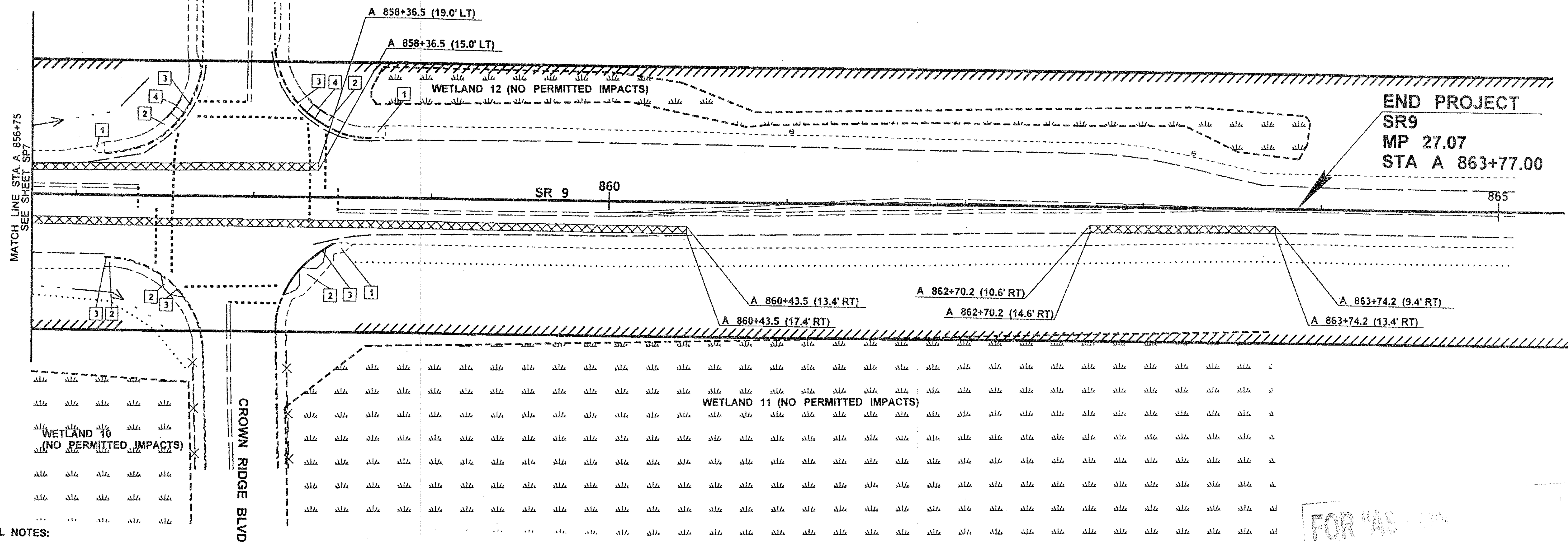
..... STREAM BUFFER

→ EXISTING DITCH

MB EXISTING MAILBOX

∩ EXISTING VEGETATION TO SAVE AND PROTECT

-OHW- ORDINARY HIGH WATER MARK

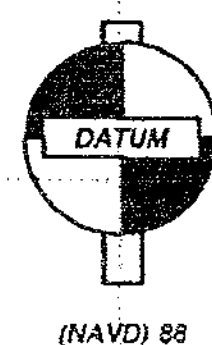


GENERAL NOTES:

1. REFER TO SHEETS ECP1-ECP8 FOR PERMITTED WETLAND IMPACTS.
2. SEE THE SPECIAL PROVISION REMOVAL OF STRUCTURE AND OBSTRUCTION.

0 30 60
SCALE IN FEET

FILE NAME: I:\Projects\1325 SR9 SR531 172nd St NE InCAD\PS&ESheets\1325 PS SITE PREP.dgn				DATE: 9/28/11 P.E. STAMP BOX		Washington State Department of Transportation		SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING Plot 8 PLAN REF NO SP8																	
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TIME: 1:57:52 PM	DATE: 9/27/2011	REGION NO: 10	STATE: WASH	FED.AID PROJ.NO.																					
PLOTTED BY: lamaymp	DESIGNED BY: M.GUNN	JOB NUMBER: 10A042	CONTRACT NO.	LOCATION NO.																					
ENTERED BY: K.SOLWOLD	CHECKED BY: J.KORESKE																								
PROJ. ENGR: S.SPAHR	REGIONAL ADM: L.ENG																								
REVISION DATE BY				SITE PREPARATION PLAN																					

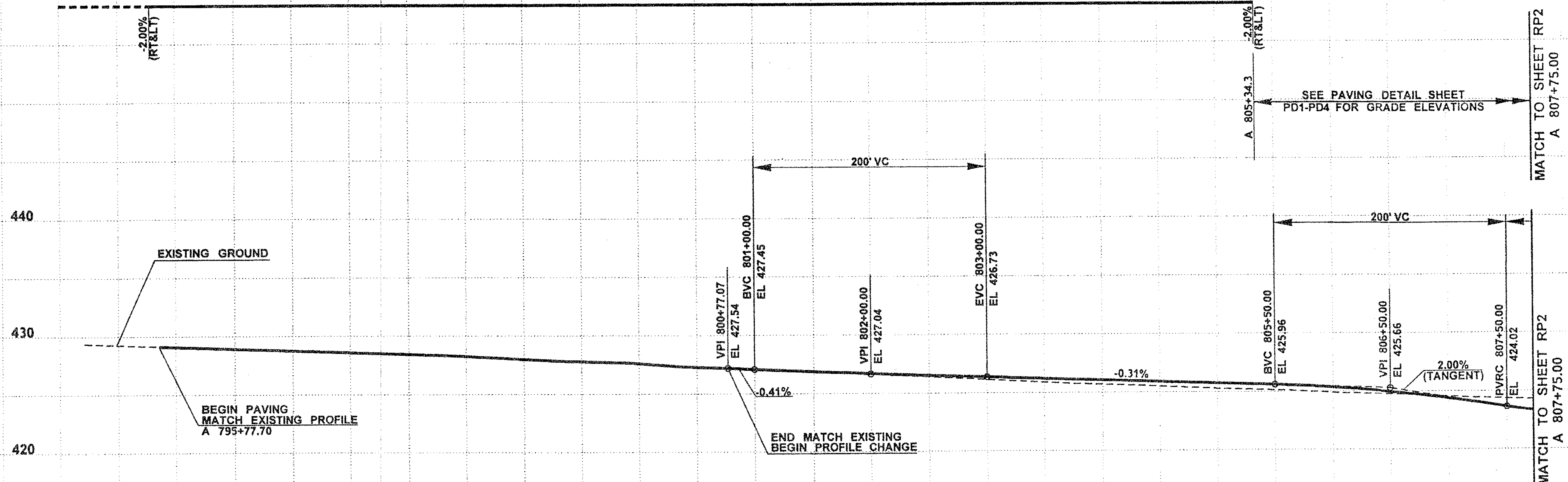


ROADWAY
SECTION
A

ROADWAY
SECTION
B

MATCH EXISTING SUPER ELEVATION
A 795+77.70

CENTERLINE PROFILE GRADE & PIVOT POINT



BEGIN A 795+77.70	SELECT BORROW INCL. HAUL = 2320 TON **	SELECT BORROW INCL. HAUL = 100 TON **
	ROADWAY EXCAVATION INCL. HAUL = 2140 C.Y. *	ROADWAY EXCAVATION INCL. HAUL = 2230 C.Y. *
	CLEARING AND GRUBBING = 1.57 ACRE	CLEARING AND GRUBBING = 0.57 ACRE
	EMBANKMENT COMPACTION = 1250 C.Y. **	EMBANKMENT COMPACTION = 50 C.Y. **
	SEEDING, FERTILIZING AND MULCHING = 0.63 ACRES	SEEDING, FERTILIZING AND MULCHING = 0.10 ACRES

795+00 796+00 797+00 798+00 799+00 800+00 801+00 802+00 803+00 804+00 805+00 806+00 807+00

* REFER TO SHEET TPP2 AND TCP1 FOR ADDITIONAL QUANTITIES.
** REFER TO SHEETS DSN1 - DSN6, TPP2, AND TCP1 FOR ADDITIONAL QUANTITIES.

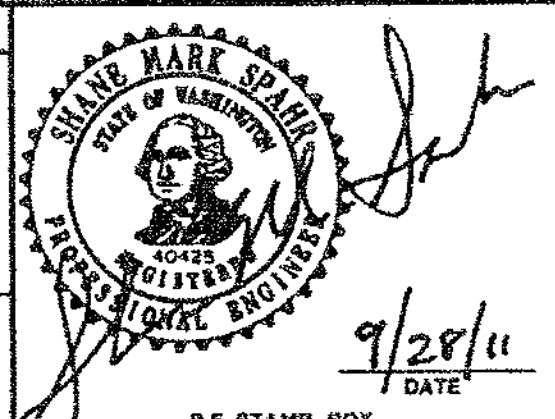
A LINE PROFILE

FOR 'AS CONSTRUCTED'
PLANS

FILE NAME	I:\Projects\XL3325 SR9 SR531 172nd St NE IntCADIPS&ESheets\XL3325 PS RP.dgn		
TIME	4:12:17 PM		
DATE	9/28/2011		
PLOTTED BY	gunnm		
DESIGNED BY	M.GUNN		
ENTERED BY	K.SOLWOLD		
CHECKED BY	J.KORESKE		
PROJ. ENGR.	S.SPAHR		
REGIONAL ADM.	LENG		
REVISION	DATE	BY	

REGION NO. 10
STATE WASH
JOB NUMBER 10A042
CONTRACT NO.

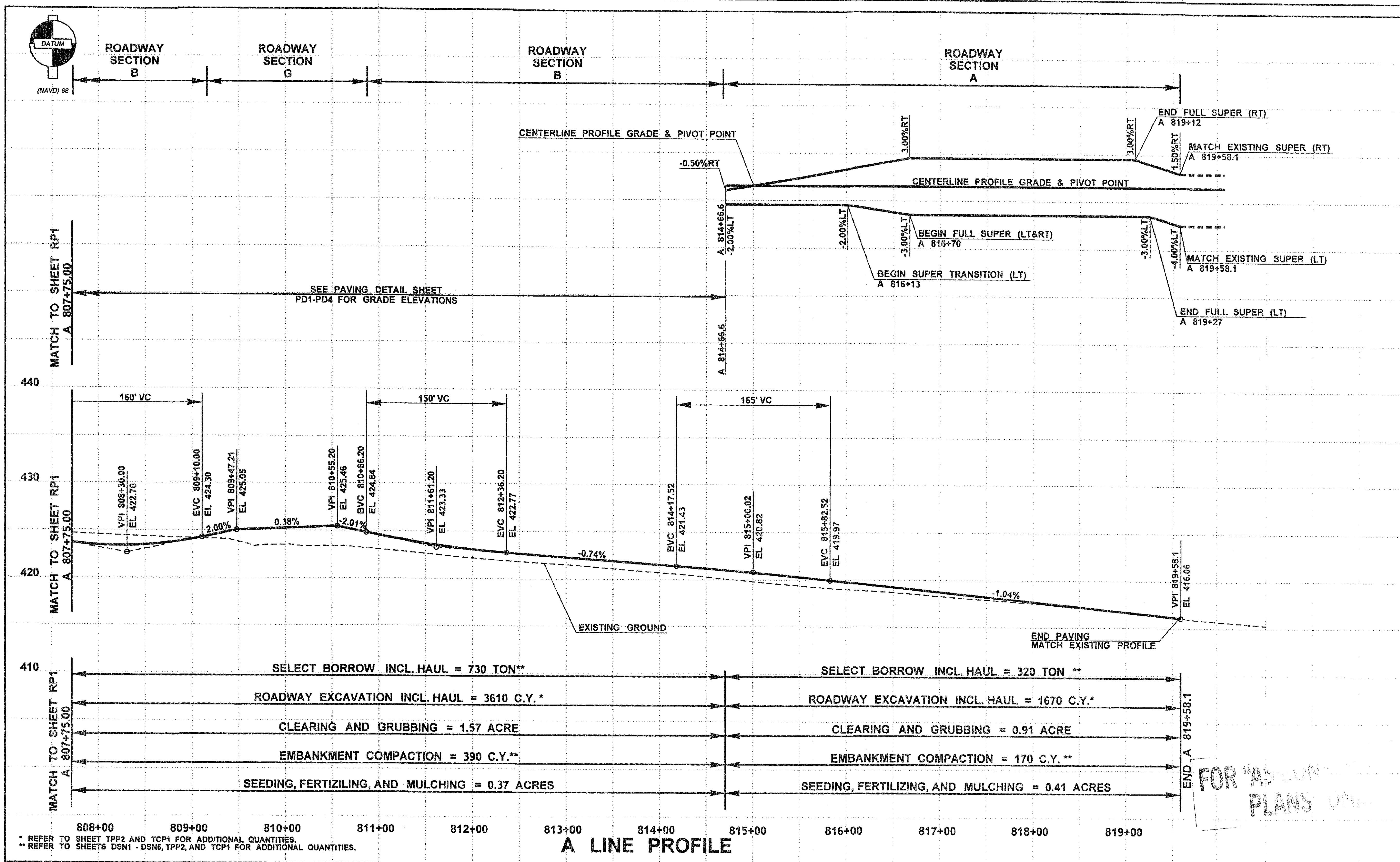
FED.AID PROJ.NO.
LOCATION NO.



Washington State
Department of Transportation

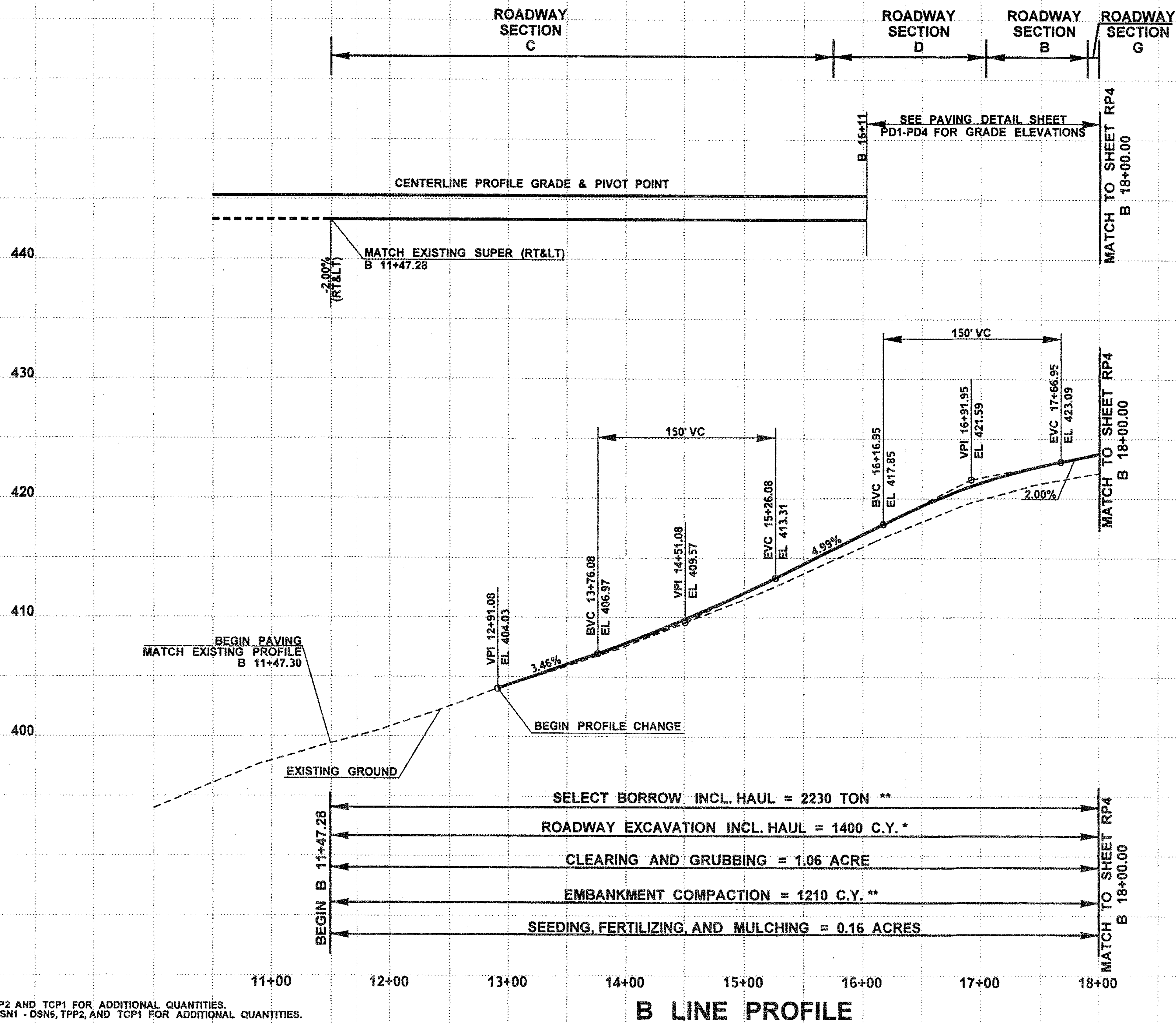
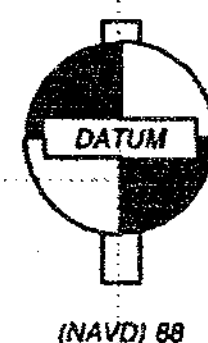
SR 9
SR 531/172ND ST NE & EAGLEFIELD DR
INTERSECTION IMPROVEMENT & PAVING
ROADWAY PROFILE

Plot 1
PLAN REF. NO. RP1
SHEET 38 OF 230 SHEETS



* REFER TO SHEET TPP2 AND TCP1 FOR ADDITIONAL QUANTITIES.
 ** REFER TO SHEETS DSN1 - DSN6, TPP2, AND TCP1 FOR ADDITIONAL QUANTITIES.

FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS RP.dgn		REGION NO. 10 STATE WASH		FED.AID PROJ.NO.			SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING ROADWAY PROFILE	Plot 2
TIME 4:12:20 PM	DATE 9/28/2011	JOB NUMBER 10A042		PLAN REF.NO. RP2				
PLOTTED BY gunnm	DESIGNED BY M.GUNN	CONTRACT NO.		SHEET 39 OF 230 SHEETS				
ENTERED BY K.SOLWOLD	CHECKED BY J.KORESKE	LOCATION NO.						
PROJ. ENGR. S.SPAHR	REGIONAL ADM. LENG	REVISION	DATE	BY				



FOR "AS CONSTRUCTED"
PLANS ONLY

* REFER TO SHEET TPP2 AND TCP1 FOR ADDITIONAL QUANTITIES.
** REFER TO SHEETS DSN1 - DSN6, TPP2, AND TCP1 FOR ADDITIONAL QUANTITIES.

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TIME	4:12:22 PM
DATE	9/28/2011
PLOTTED BY	gunnm
DESIGNED BY	M.GUNN
ENTERED BY	K.SOLWOLD
CHECKED BY	J.KORESKI
PROJ. ENGR.	S.SPAHR
REGIONAL ADM.	L.ENG

REVISION

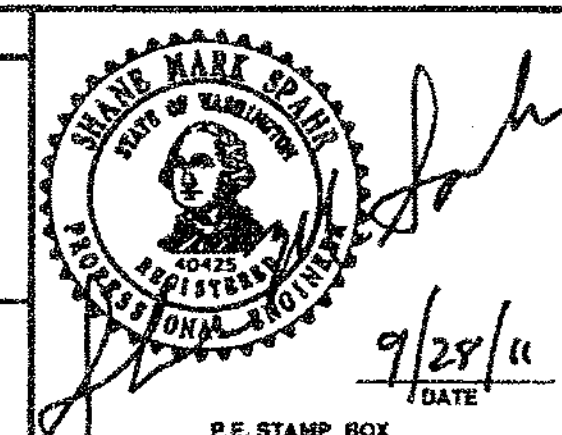
DATE

BY

REGION NO.	STATE
10	WASH
JOB NUMBER	
10A042	
CONTRACT NO.	

FED.AID PROJ.NO.

LOCATION NO.



P.E. STAMP BOX

P.E. STAMP BOX

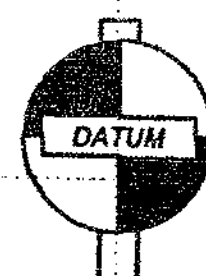
Washington State
Department of Transportation

SR 9
SR 531/172ND ST NE & EAGLEFIELD DR
INTERSECTION IMPROVEMENT & PAVING
ROADWAY PROFILE

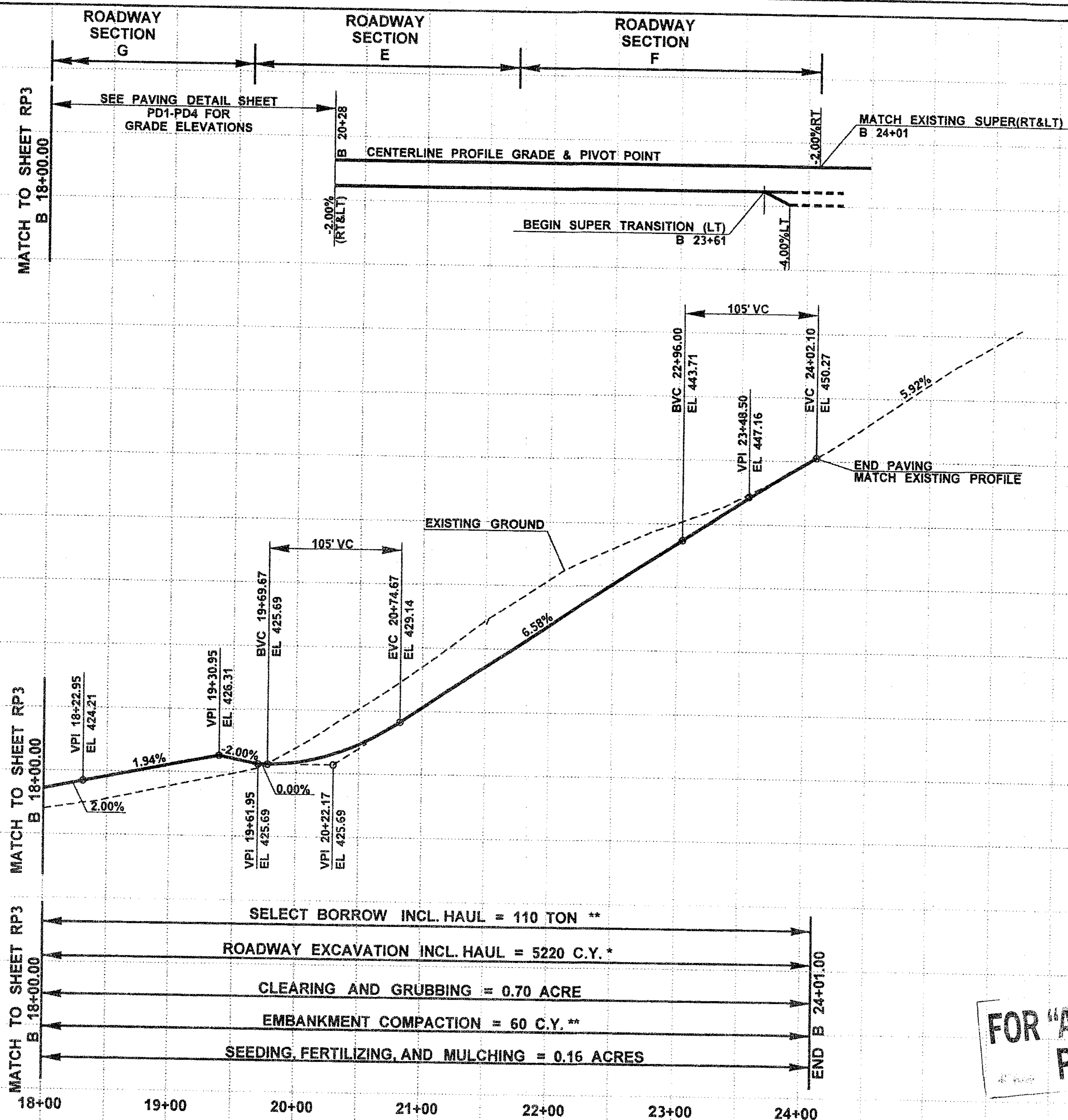
Plot 3
PLAN REF. NO.

RP3

SHEET
40
OF
230
SHEETS



(NAD) 88



FOR "AS CONSTRUCTED"
PLANS ONLY

* REFER TO SHEET TPP2 AND TCP1 FOR ADDITIONAL QUANTITIES.
** REFER TO SHEETS DSN1 - DSN6, TPP2, AND TCP1 FOR ADDITIONAL QUANTITIES.

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TIME 4:12:25 PM

DATE 9/28/2011

PLOTTED BY gunnm

DESIGNED BY M.GUNN

ENTERED BY K.SOLWOLD

CHECKED BY J.KORESKE

PROJ. ENGR. S.SPAHR

REGIONAL ADM. LENG

REVISION

DATE

BY

REGION NO.

STATE

10 WASH

JOB NUMBER

10A042

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.



P.E. STAMP BOX

P.E. STAMP BOX

Washington State
Department of Transportation

SR 9
SR 531/172ND ST NE & EAGLEFIELD DR
INTERSECTION IMPROVEMENT & PAVING
ROADWAY PROFILE

Plot 4

PLAN REF. NO.

RP4

SHEET

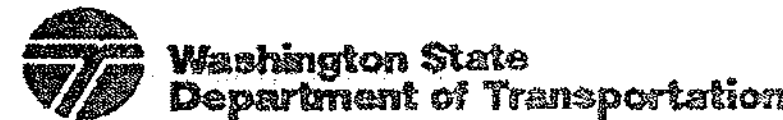
41

OF

230

SHEETS

QUANTITY TABULATION - TEMPORARY EROSION CONTROL

NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.																	GENERAL NOTES:																
CODE	LOCATION > \ UNIT OF MEASURE >	QUARRY SPALLS*		SCHEDULE A CULV. PIPE 12 IN. DIAM.*		TEMPORARY EROSION CONTROL BLANKET	CHECK DAM	INLET PROTECTION		SILT FENCE	HIGH VISIBILITY FENCE		STRUCTURE EXCAVATION CLASS C.Y. B INCL. HAUL**	CONSTRUCTION GEOTEXTILE FOR SEPERATION*	GEOMEMBRANE **		SEE GENERAL NOTES																
TESC1	A 795+43.9 (32.0' RT) TO A 807+22.6 (112.9' RT)									1210	1210						4, 5	* REFER TO DSN1-DSN6 AND AL1 FOR ADDITIONAL QUANTITIES.															
TESC1	A 798+25.0 (35.7' RT) TO B 24+01.0 (23.1' LT)						200										2	** REFER TO DSN1- DSN6 FOR ADDITIONAL QUANTITIES.															
TESC2	A 798+99.1 (75.1' LT) TO A 802+88.3 (75.1' LT)									420	420						4, 5	1. SEE EROSION CONTROL BLANKET PLACEMENT IN CHANNEL STANDARD PLAN I-60.20-00.															
TESC2	A 805+31.8 (75.1' LT) TO A 807+66.0 (88.1' LT)									240	240						4, 5	2. SEE GEOTEXTILE ENCASED CHECK DAM INSTALLATION STANDARD PLAN I-50.10-00.															
TESC3	A 807+49.0 (73.6' LT) TO B 14+23.5 (35.9' RT)					640	100										1, 2	3. SEE STORM DRAIN INLET PROTECTION STANDARD PLAN I-40.20-00.															
TESC3-2	B 18+15.0 (23.5' RT)							1									3																
TESC3-3	B 18+10.2 (18.7' LT)							1									3																
TESC3-4	B 19+37.6 (25.1' RT)							1									3																
TESC3-5	B 19+34.0 (31.1' LT)							1									3																
TESC3-6	A 811+23.0 (38.8' RT)							1									3																
TESC3	A 811+80.0 (74.6' LT) TO A 817+62.5 (52.0' LT)						200										2																
TESC3	A 812+05.8 (94.9' LT) TO A 813+33.0 (76.0' LT)									130	130						3	4. SEE SILT FENCE STANDARD PLAN I-30.15-00.															
TESC3-7	A 812+98.0 (40.2' RT)							1									4, 5	5. SEE HIGH VISIBILITY FENCE STANDARD PLAN I-10.10-01.															
TESC3	A 813+17.5 (57.3' RT) TO A 817+51.5 (49.1' RT)									440	440						2	6. SEE SHEET TECD1.															
TESC4	A 817+15.0 (36.5' RT) TO A 819+45.4 (32.3' RT)						100										4, 5	7. SEE SHEET TECD2.															
TESC4	TEMPORARY SEDIMENT TRAP	315											800		450		7	8. REMOVE SCHEDULE A CULV. PIPE 12 IN. DIAM. DURING PHASE 4 OF CONSTRUCTION.															
TESC4	A 818+79.9 (74.9' RT) TO A 822+48.9 (74.9' RT)									100	460						4, 5																
TESC4	A 818+99.2 (85.1' LT) TO A 821+63.6 (85.1' LT)									90	400						4, 5																
TESC5	B 10+82.0 (22.0' RT) TO B 10+91.0 (46.2' RT)									30	30						4, 5																
TESC5	B 11+91.7 (37.3' LT) TO B 13+70.7 (69.3' LT)									210	210						4, 5																
TESC5	B 12+20.9 (30.1' LT) TO B 14+08.8 (24.1' LT)						60										2																
TESC5	PAD FOR CESF	170												270			7																
TESC5	TEMPORARY SEDIMENT TRAP	222											460		600		7																
TESC5-1	B 11+27.6 (30.3' LT)							1									3																
TESC5-2	B 13+53 (36.6' RT) TO B 14+23.5 (37.0' RT)			71													8																
TESC5-3	B 14+26.8 (17.7' RT)							1									3																
TESC5-4	B 14+60.3 (17.9' LT)							1									3																
TESC5-5	B 16+37.9 (26.0' RT)							1									3																
TESC5-6	B 16+40.7 (11.7' LT)							1									3																
TESC5-7	B 15+19.6 (41.9' RT) TO B 15+37.4 (43.4' RT)			18													8																
SHEET TOTAL		707		89		640	660	11		2870	3540		1260	270	1050																		
DESIGNED BY		M. LAMAY	10/25/11	AD1 - DELETED ITEM		SMS	REGION NO.		STATE	FED. AID PROJ. NO.						SR 9			QTEC 1														
ENTERED BY		M. MCREYNOLDS					10		WASH							SR 531/172ND ST NE & EAGLEFIELD DR.			SHEET														
CHECKED BY		J. KORESKE														INTERSECTION IMPROVEMENT & PAVING			42														
PROJ. ENGR.		S. SPAHR																	OF														
REGION ADM.		L. ENG														QUANTITY TABULATION - TEMPORARY EROSION CONTROL			230														
			DATE	DATE	REVISION		BY											SHEETS															

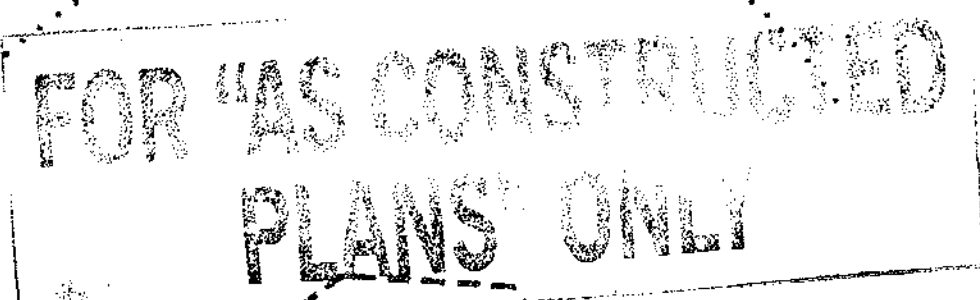
QUANTITY TABULATION - TEMPORARY EROSION CONTROL

NOTE:
THE FIRST NUMBER OF THE "CODE" BELOW
REFERS TO THE SHEET NO. OR THE SHEET
REFERENCE NO. SHOWING THE
CONSTRUCTION FEATURE.

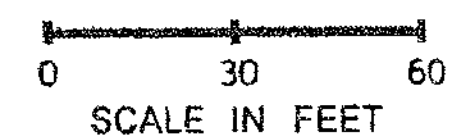
THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

GENERAL NOTES:																
* REFER TO DSN1-DSN6 AND AL1 FOR ADDITIONAL QUANTITIES.																
** REFER TO DSN1- DSN6 AND FOR ADDITIONAL QUANTITIES.																
1. SEE EROSION CONTROL BLANKET PLACEMENT IN CHANNEL STANDARD PLAN I-60.20-00.																
2. SEE GEOTEXTILE ENCASED CHECK DAM INSTALLATION STANDARD PLAN I-50.10-00.																
3. SEE STORM DRAIN INLET PROTECTION STANDARD PLAN I-40.20-00.																
4. SEE SILT FENCE STANDARD PLAN I-30.15-00.																
5. SEE HIGH VISIBILITY FENCE STANDARD PLAN I-10.10-01.																
6. SEE SHEET TECD1.																
7. SEE SHEET TECD2.																
8. REMOVE SCHEDULE A CULV. PIPE 12 IN. DIAM. DURING PHASE 4 OF CONSTRUCTION.																
FOR "AS CONSTRUCTED" PLANS ONLY																



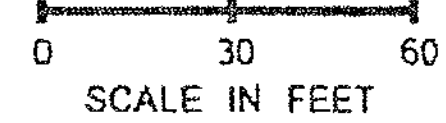
1. ERODIBLE EARTH CONSTRUCTED TO FINAL GRADES AND IN ACCORDANCE WITH THE PLANTING PLANS WILL BE CONSIDERED PERMANENTLY STABILIZED.
2. SOIL TACKIFIERS SHALL NOT BE USED ON AREAS TO BE TREATED BY THE CHITOSAN ENHANCED SAND FILTRATION (CESF) SYSTEM.
3. FORCE ACCOUNT STEEL PLATE CONSTRUCTION ENTRANCE LOCATIONS MAY BE REVISED TO FIT CONSTRUCTION ACTIVITIES.
4. REFER TO THIS SHEET FOR TYPICAL SILT FENCE PLACEMENT.
5. BREAKS IN HIGH VISIBILITY FENCE WILL BE ALLOWED FOR ACCESS TO AREAS IDENTIFIED AS "FOOT TRAFFIC ONLY". REFER TO ECP1 - ECP8



FILE NAME \\nwrbrip\file001412358\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS TESC.dgn										Plot 2		
TIME	11:20:34 AM	AD1-REVISED LEGEND & GENERAL NOTES				10/25/2011	SMS	REGION NO.	STATE	FED.AID PROJ.NO.		PLAN REF NO
DATE	10/26/2011							10	WASH			TESC2
PLOTTED BY	lamaymp							JOB NUMBER				SHEET 45 OF 230 SHEETS
DESIGNED BY	M. LAMAY							10A042				
ENTERED BY	K. SOLWOLD							CONTRACT NO.		LOCATION NO.		
CHECKED BY	J. KORESKI											
PROJ. ENGR.	S. SPAHR											
REGIONAL ADM.	L. ENG	REVISION				DATE	BY					
										DATE		
										P.E. STAMP BOX		
										DATE		
										P.E. STAMP BOX		
										 Washington State Department of Transportation		SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING TEMPORARY EROSION CONTROL PLAN

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

-



FILE NAME W:\wbrp\file01\412358\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS_TESC.dgn										 Washington State Department of Transportation		SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING		PLAN REF NO TESC3	
TIME 11:20:36 AM		AD1 - REVISED LEGEND & GENERAL NOTES		10/25/2011 SMS		REGION NO. 10		STATE WASH						FED.AID PROJ.NO.	
DATE 10/26/2011								JOB NUMBER 10A042		LOCATION NO.		TEMPORARY EROSION CONTROL PLAN		SHEET 46 OF 230 SHEETS	
PLOTTED BY lamaymp								CONTRACT NO.							
DESIGNED BY M. LAMAY															
ENTERED BY K. SOLWOLD															
CHECKED BY J. KORESKI															
PROJ. ENGR. S. SPAHR															
REGIONAL ADM. L. ENG															
		REVISION		DATE		BY									

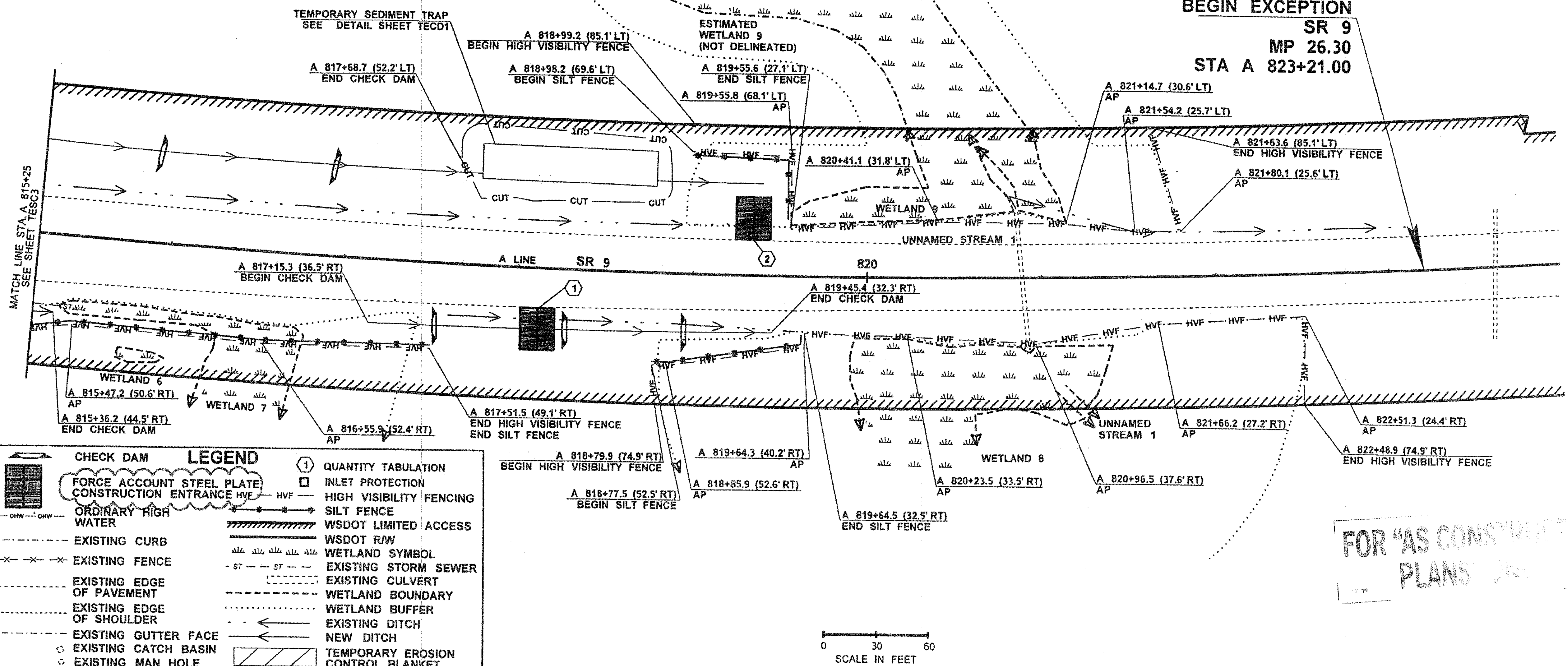
1. ERODIBLE EARTH CONSTRUCTED TO FINAL GRADES AND IN ACCORDANCE WITH THE PLANTING PLANS WILL BE CONSIDERED PERMANENTLY STABILIZED.

2. SOIL TACKIFIERS SHALL NOT BE USED ON AREAS TO BE TREATED BY THE CHITOSAN ENHANCED SAND FILTRATION (CESF) SYSTEM.

3. FORCE ACCOUNT STEEL PLATE CONSTRUCTION ENTRANCE LOCATIONS MAY BE REVISED TO FIT CONSTRUCTION ACTIVITIES.

4. REFER TO THIS SHEET FOR TYPICAL SILT FENCE PLACEMENT.

5. BREAKS IN HIGH VISIBILITY FENCE WILL BE ALLOWED FOR ACCESS TO AREAS IDENTIFIED AS "FOOT TRAFFIC ONLY", REFER TO ECP1 - ECP8

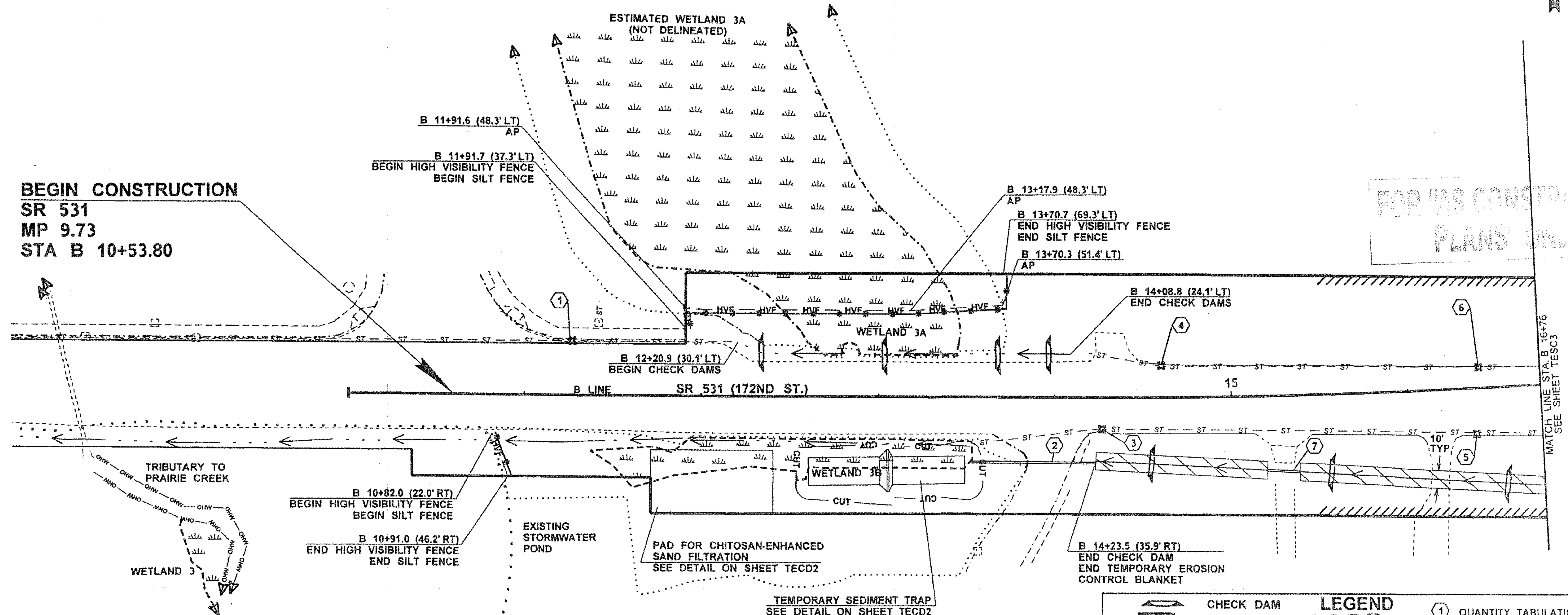


FOR "AS CONSIDERED" THE
PLANS

FILE NAME UNwbrpfile01412358\Projects\XL3325 SR9 SR531 172nd St NE IntCADIPS&ESheets\XL3325 PS TESC.dgn													Plot 4		
TIME	11:20:37 AM	AD1-REVISED LEGEND & GENERAL NOTES			10/25/2011	SMS	REGION NO.	STATE	FED.AID PROJ.NO.				SR 9		PLAN REF NO
DATE	10/26/2011						10	WASH					SR 531/172ND ST NE & EAGLEFIELD DR		TESC4
PLOTTED BY	lamaymp						JOB NUMBER						INTERSECTION IMPROVEMENT & PAVING		SHEET 47 OF 230 SHEETS
DESIGNED BY	M. LAMAY						10A042								
ENTERED BY	K. SOLWOLD						CONTRACT NO.		LOCATION NO.						
CHECKED BY	J. KORESKE												TEMPORARY EROSION CONTROL PLAN		
PROJ. ENGR.	S. SPAHR														
REGIONAL ADM.	L. ENG	REVISION			DATE	BY									
						DATE		DATE							
						P.E. STAMP BOX		P.E. STAMP BOX							

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

BEGIN CONSTRUCTION
SR 531
MP 9.73
STA B 10+53.80



GENERAL NOTES:

1. ERODIBLE EARTH CONSTRUCTED TO FINAL GRADES AND IN ACCORDANCE WITH THE PLANTING PLANS WILL BE CONSIDERED PERMANENTLY STABILIZED.
2. SOIL TACKIFIERS SHALL NOT BE USED ON AREAS TO BE TREATED BY THE CHITOSAN ENHANCED SAND FILTRATION (CESF) SYSTEM.
3. FORCE ACCOUNT STEEL PLATE CONSTRUCTION ENTRANCE LOCATIONS MAY BE REVISED TO FIT CONSTRUCTION ACTIVITIES.
4. REFER TO THIS SHEET FOR TYPICAL SILT FENCE PLACEMENT.
5. BREAKS IN HIGH VISIBILITY FENCE WILL BE ALLOWED FOR ACCESS TO AREAS IDENTIFIED AS "FOOT TRAFFIC ONLY", REFER TO ECP1 - ECP8

0 30 60
 SCALE IN FEET

CHECK DAM		LEGEND	
	FORCE ACCOUNT STEEL PLATE CONSTRUCTION ENTRANCE		QUANTITY TABULATION
	ORDINARY HIGH WATER		INLET PROTECTION
	EXISTING CURB		HIGH VISIBILITY FENCING
	EXISTING FENCE		SILT FENCE
	EXISTING EDGE OF PAVEMENT		WSDOT LIMITED ACCESS
	EXISTING EDGE OF SHOULDER		WSDOT R/W
	EXISTING GUTTER FACE		WETLAND SYMBOL
	EXISTING CATCH BASIN		EXISTING STORM SEWER
	EXISTING MAN HOLE		EXISTING CULVERT
			WETLAND BOUNDARY
			WETLAND BUFFER
			EXISTING DITCH
			NEW DITCH
			TEMPORARY EROSION CONTROL BLANKET

FILE NAME	\\nwbrp\file01\412358\Projects\XL3325_SR9_SR531_172nd_St_NE_Int\CAD\PS&ESheets\XL3325_PS_TESC.dgn	REGION NO.	10	STATE	WASH	FED.AID PROJ.NO.		DATE		DATE		Plot 5
TIME	11:20:38 AM	AD1 - REVISED LEGEND & GENERAL NOTES	10/25/2011	SMS								PLAN REF NO
DATE	10/26/2011											TESC5
PLOTTED BY	lamaymp											SHEET
DESIGNED BY	M. LAMAY											48
ENTERED BY	K. SOLWOLD											OF
CHECKED BY	J. KORESKI											230
PROJ. ENGR.	S. SPAHR											SHEETS
REGIONAL ADM.	L. ENG	REVISION		DATE	BY							

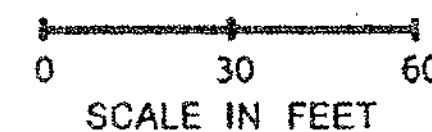
Washington State
 Department of Transportation

SR 9
 SR 531/172ND ST NE & EAGLEFIELD DR
 INTERSECTION IMPROVEMENT & PAVING
 TEMPORARY EROSION CONTROL PLAN

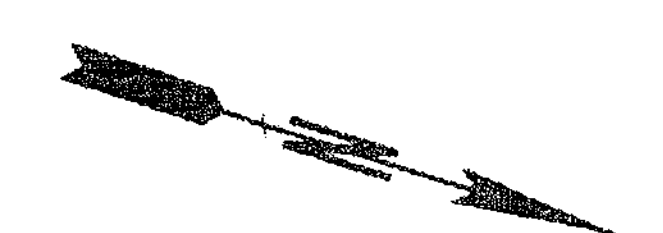
1. ERODIBLE EARTH CONSTRUCTED TO FINAL GRADES AND IN ACCORDANCE WITH THE PLANTING PLANS WILL BE CONSIDERED PERMANENTLY STABILIZED.

3. FORCE ACCOUNT STEEL PLATE CONSTRUCTION ENTRANCE LOCATIONS MAY BE REVISED TO FIT CONSTRUCTION ACTIVITIES.

5. BREAKS IN HIGH VISIBILITY FENCE WILL BE ALLOWED FOR ACCESS TO AREAS IDENTIFIED AS "FOOT TRAFFIC ONLY", REFER TO ECP1 - ECP8



FILE NAME \\Nwbriplite01\412358\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS_TESC.dgn										 Washington State Department of Transportation		SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING		Plot 6 PLAN REF NO	
TIME	11:20:40 AM	AD1 - REVISED LEGEND & GENERAL NOTES		10/25/2011	SMS	REGION NO.	STATE	FED.AID PROJ.NO.						TESC6	
DATE	10/26/2011					10	WASH					SHEET 49 OF 230 SHEETS			
PLOTTED BY	lamaymp					JOB NUMBER									
DESIGNED BY	M. LAMAY					10A042									
ENTERED BY	K. SOLWOLD					CONTRACT NO.		LOCATION NO.							
CHECKED BY	J. KORESKI														
PROJ. ENGR.	S. SPAHR														
REGIONAL ADM.	L. ENG	REVISION		DATE	BY										
						P.E. STAMP BOX		DATE							
						P.E. STAMP BOX		DATE							
												TEMPORARY EROSION CONTROL PLAN			



0 30 60
SCALE IN FEET

**FOR "AS CONSTRUCTED
PLANS" ONLY**

FILE NAME \\Nwbriplfile01\4123581\Projects\XL3325_SR9_SR531_172nd_St_NE_Int\CADIPS&ESheets\XL3325_PS_TESC.dgn										Plot 7	
TIME	11:20:41 AM	AD1	REVISED	LEGEND & GENERAL NOTES	10/25/2011	SMS	REGION NO.	STATE	FED.AID PROJ.NO.	SR 9	
DATE	10/26/2011						10	WASH		PLAN REF N TESC	
PLOTTED BY	lamaymp						JOB NUMBER			SHEET 50	
DESIGNED BY	M. LAMAY						10A042			OF 230	
ENTERED BY	K. SOLWOLD						CONTRACT NO.			SHEETS	
CHECKED BY	J. KORESKI							LOCATION NO.		TEMPORARY EROSION CONTROL PLAN	
PROJ. ENGR.	S. SPAHR										
REGIONAL ADM.	L. ENG	REVISION				DATE	BY				

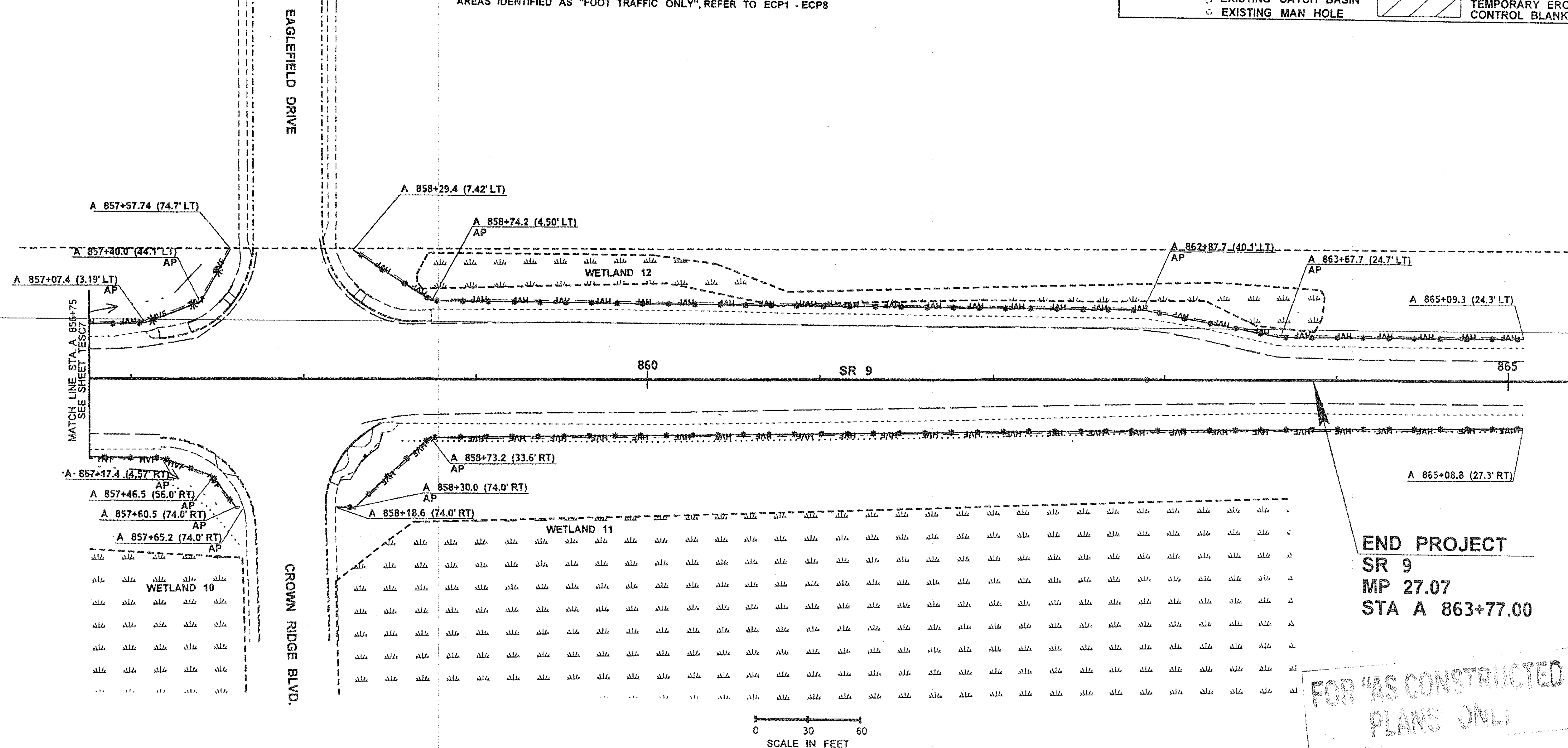
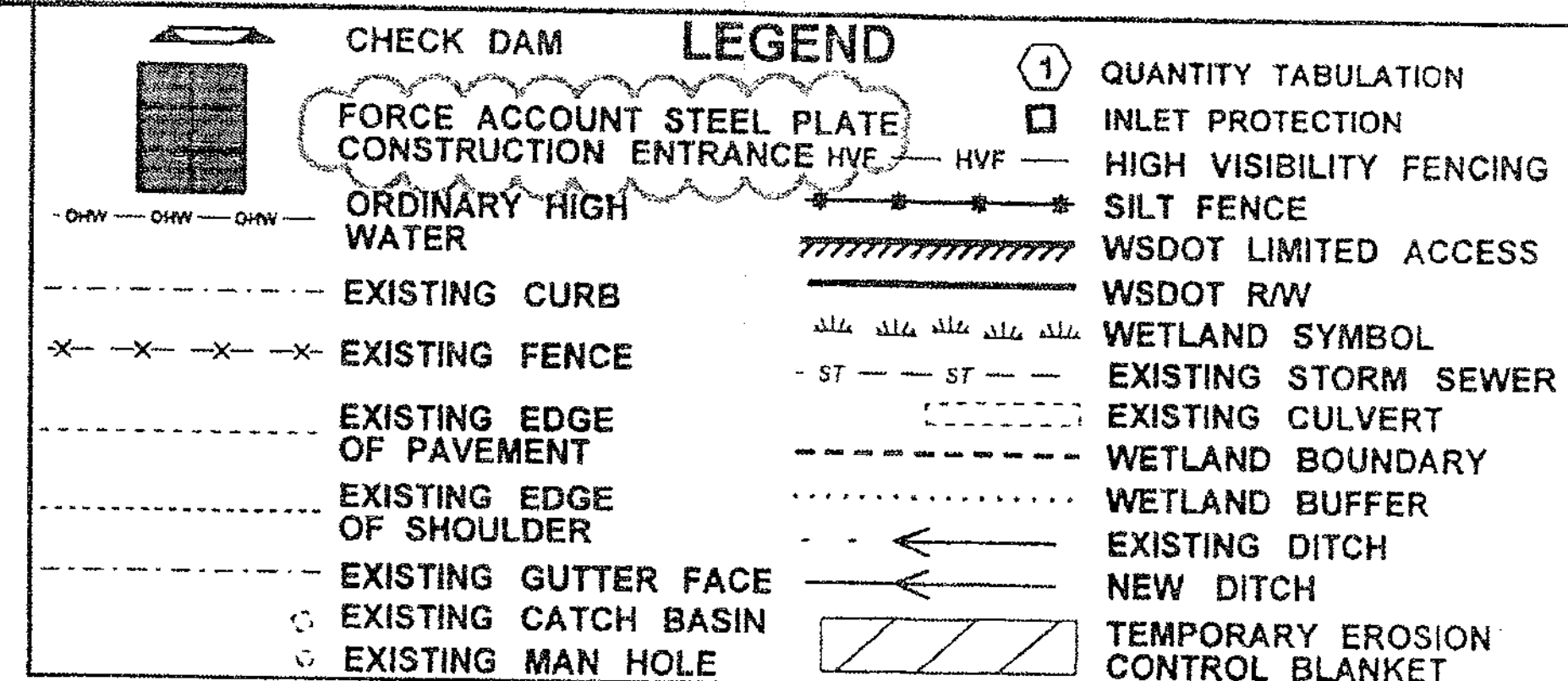
1. ERODIBLE EARTH CONSTRUCTED TO FINAL GRADES AND IN ACCORDANCE WITH THE PLANTING PLANS WILL BE CONSIDERED PERMANENTLY STABILIZED.

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3. FORCE ACCOUNT STEEL PLATE CONSTRUCTION ENTRANCE LOCATIONS MAY BE REVISED TO FIT CONSTRUCTION ACTIVITIES.

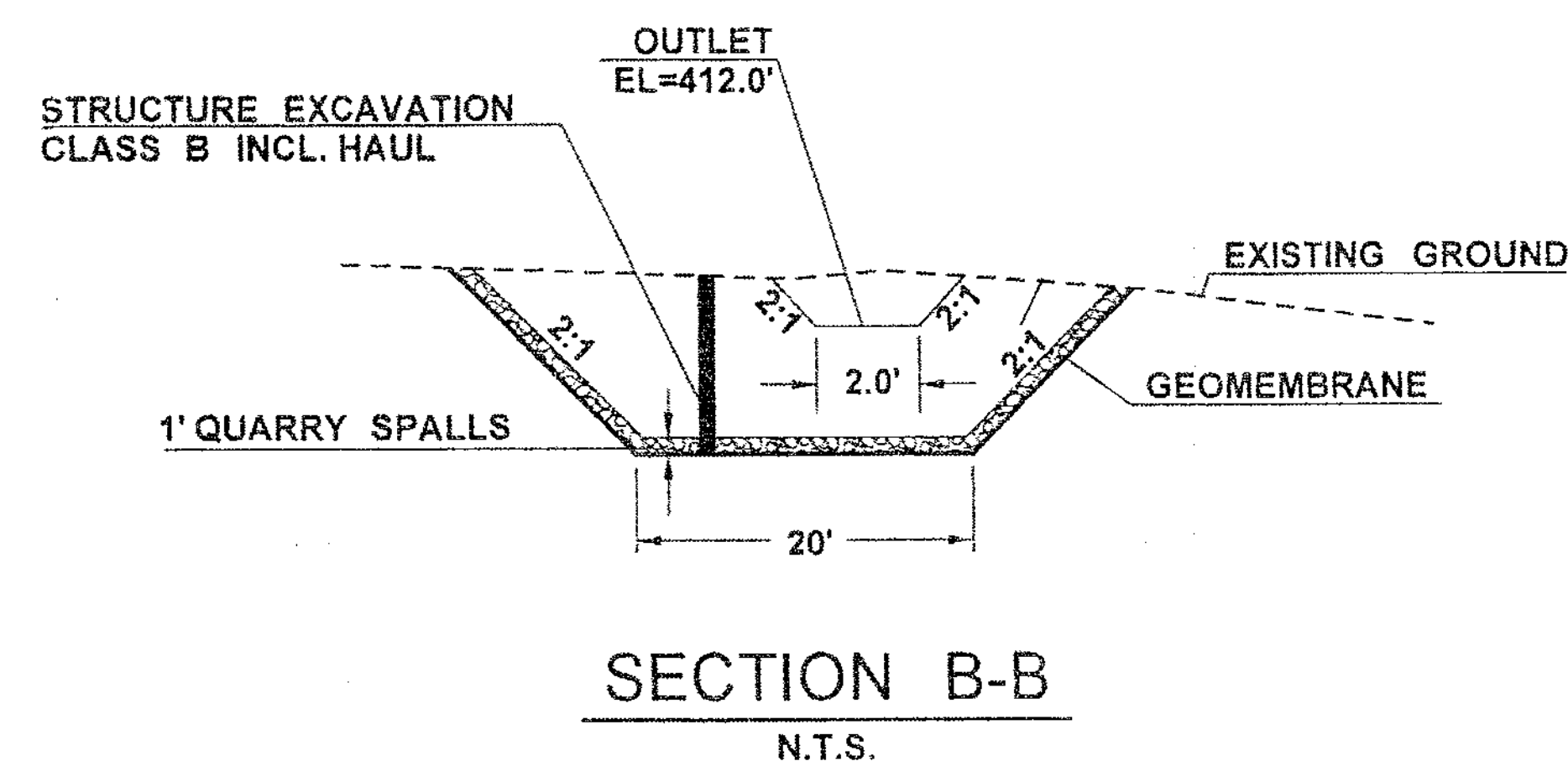
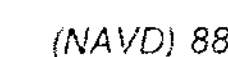
4. REFER TO THIS SHEET FOR TYPICAL SILT FENCE PLACEMENT.

5. BREAKS IN HIGH VISIBILITY FENCE WILL BE ALLOWED FOR ACCESS TO AREAS IDENTIFIED AS "FOOT TRAFFIC ONLY", REFER TO ECP1 - ECP8



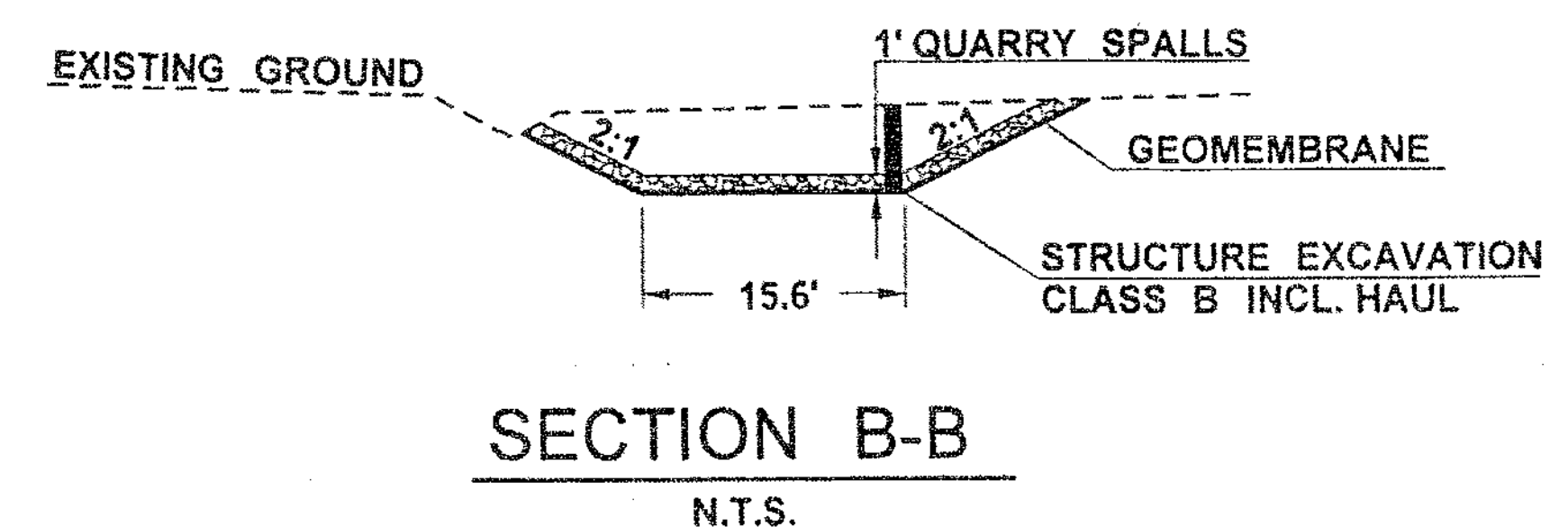
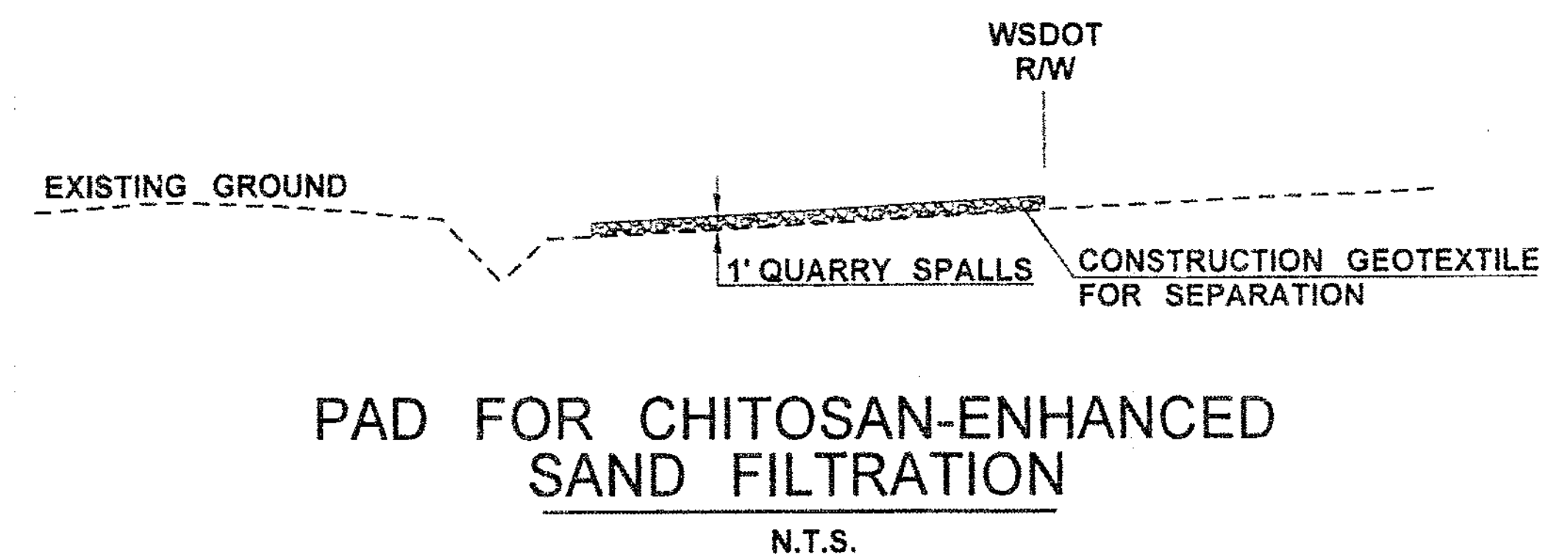
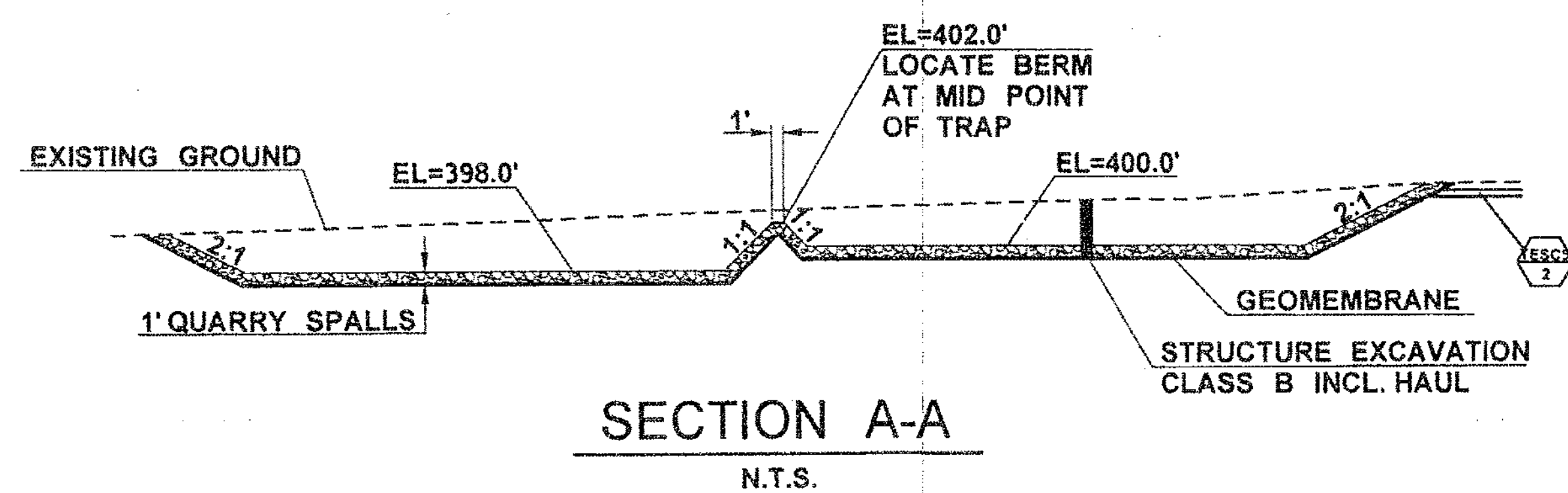
FOR AS CONSTRUCTED
PLANS ONLY

FILE NAME \\nwrbpfile01\412358\Projects\XL3325 SR9 SR531 172nd St NE Int\CADIPS&ESheets\XL3325 PS TESC.dgn													Plot 8		
TIME	11:20:42 AM	AD1 - REVISED LEGEND & GENERAL NOTES			10/25/2011	SMS	REGION NO.	STATE	FED.AID PROJ.NO.	 Washington State Department of Transportation			SR 9		PLAN REF NO
DATE	10/26/2011						10	WASH					TESC8		
PLOTTED BY	lamaymp						JOB NUMBER								
DESIGNED BY	M. LAMAY						10A042								
ENTERED BY	K. SOLWOLD						CONTRACT NO.		LOCATION NO.						
CHECKED BY	J. KORESKI												SHEET		
PROJ. ENGR.	S. SPAHR												51		
REGIONAL ADM.	L. ENG												OF		
		REVISION			DATE	BY							230		
													SHEETS		
													TEMPORARY EROSION CONTROL PLAN		



FOR "AS CONSTRUCTED
PLANS" ONLY

FILE NAME I:\Projects\XL3325_SR9_SR531_172nd_St_NE_Int\CAD\PS&ESheets\XL3325_PS_TESC.dgn										 Washington State Department of Transportation		SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING		Plot 11
TIME 9:26:21 AM					REGION NO. 10	STATE WASH	FED.AID PROJ.NO.	PLAN REF NO. TECD						
DATE 9/19/2011						JOB NUMBER 10A042						SHEET 52 OF 230 SHEETS		
PLOTTED BY gunnm						CONTRACT NO.		LOCATION NO.						
DESIGNED BY M.LAMAY														
ENTERED BY A.MUCHONEY														
CHECKED BY J. KORESKE														
PROJ. ENGR. S. SPAHR														
REGIONAL ADM. L. ENG														
		REVISION	DATE	BY										
										DATE		DATE		
										P.E. STAMP BOX		P.E. STAMP BOX		



FOR "AS CONSTRUCTED"
PLANS" ONLY

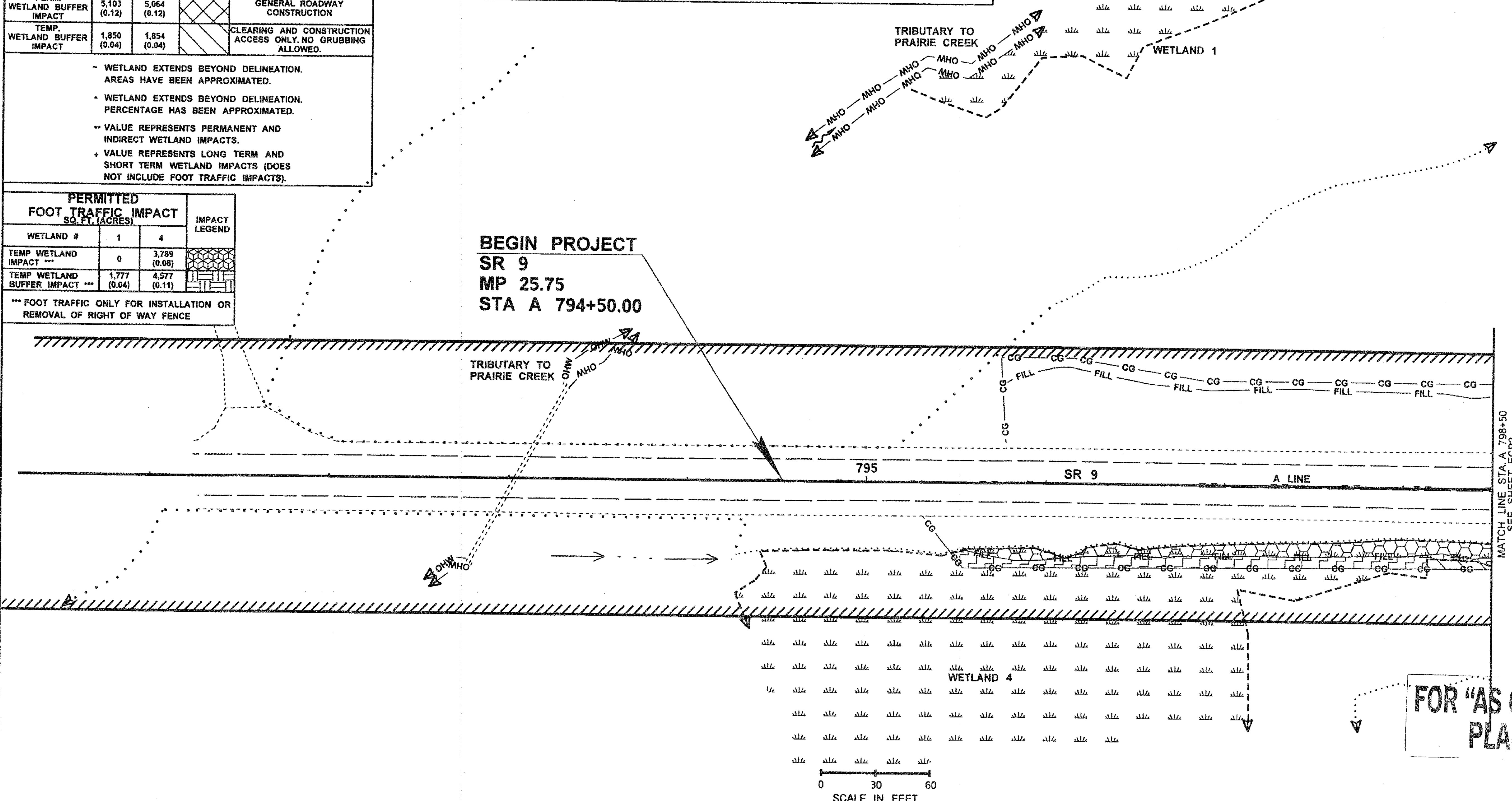
FILE NAME I:\Projects\XL3325_SR9_SR531_172nd St NE Int\CAD\PS&ESheets\XL3325_PS_TESC.dgn										Plot 12	
TIME	9:26:23 AM					REGION NO.	STATE	FED.AID PROJ.NO.	 Washington State Department of Transportation	SR 9	Plot 12
DATE	9/19/2011					10	WASH			PLAN REF NO	
PLOTTED BY	gunnm					JOB NUMBER				TECD2	
DESIGNED BY	M.LAMAY					10A042		LOCATION NO.		SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING	SHEET 53 OF 230 SHEETS
ENTERED BY	A.MUCHONEY					CONTRACT NO.					
CHECKED BY	J. KORESKI							DATE _____ P.E. STAMP BOX	DATE _____ P.E. STAMP BOX	TEMPORARY EROSION CONTROL DETAIL	
PROJ. ENGR.	S. SPAHR										
REGIONAL ADM.	L. ENG		REVISION	DATE	BY						

PERMITTED WETLAND IMPACTS				
SQ. FT. (ACRES)				
WETLAND #	1	4	IMPACT LEGEND	PERMITTED ACTIVITIES
DOE CATEGORY	III	III		
WETLAND AREA	~871,193 ~(20.00)	~1,088,922 ~(25.00)		
PERM. WETLAND IMPACT PERCENTAGE	0.0%	*1.5%		
PERM. WETLAND IMPACT	0	15,803 ** (0.37)		GENERAL ROADWAY CONSTRUCTION
TEMP. WETLAND IMPACT	0	4,726 + (0.11)		CLEARING AND CONSTRUCTION ACCESS ONLY. NO GRUBBING ALLOWED.
PERM. WETLAND BUFFER IMPACT	5,103 (0.12)	5,064 (0.12)		GENERAL ROADWAY CONSTRUCTION
TEMP. WETLAND BUFFER IMPACT	1,850 (0.04)	1,854 (0.04)		CLEARING AND CONSTRUCTION ACCESS ONLY. NO GRUBBING ALLOWED.
- WETLAND EXTENDS BEYOND DELINEATION. AREAS HAVE BEEN APPROXIMATED. - WETLAND EXTENDS BEYOND DELINEATION. PERCENTAGE HAS BEEN APPROXIMATED. - ** VALUE REPRESENTS PERMANENT AND INDIRECT WETLAND IMPACTS. - + VALUE REPRESENTS LONG TERM AND SHORT TERM WETLAND IMPACTS (DOES NOT INCLUDE FOOT TRAFFIC IMPACTS).				

PERMITTED FOOT TRAFFIC IMPACT			
SQ. FT. (ACRES)			
WETLAND #	1	4	IMPACT LEGEND
TEMP WETLAND IMPACT ***	0	3,789 (0.08)	
TEMP WETLAND BUFFER IMPACT ***	1,777 (0.04)	4,577 (0.11)	
*** FOOT TRAFFIC ONLY FOR INSTALLATION OR REMOVAL OF RIGHT OF WAY FENCE			

LEGEND	
	WSDOT R/W
	WSDOT LIMITED ACCESS
	EXISTING CURB
	EXISTING EDGE LINE
	EXISTING EDGE OF PAVEMENT
	EXISTING STOP BAR
	ORDINARY HIGH WATER
	JURISDICTIONAL DITCH
	EXISTING CATCH BASIN
	EXISTING CULVERT
	EXISTING STORM SEWER
	WETLAND BOUNDARY
	WETLAND SYMBOL
	WETLAND BUFFER
	EXISTING DITCH
	FILL LINE
	CUT LINE
	CLEAR AND GRUB LIMITS

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



FOR "AS CONSTRUCTED PLANS" ONLY

FILE NAME: I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS ENV-COMPLIANCE.dgn				REGION NO. 10 STATE WASH		FED.AID PROJ.NO.		DATE 9/22/11		PLOT 1	
TIME 2:33:54 PM				JOB NUMBER 10A042		LOCATION NO.		DATE 9/22/11		PLAN REF NO ECP1	
DATE 9/22/2011				CONTRACT NO.				DATE		SHEET 54 OF 230 SHEETS	
PLOTTED BY lamaymp											
DESIGNED BY M. GUNN											
ENTERED BY K. SOLWOLD											
CHECKED BY J. KORESKI											
PROJ. ENGR. S. SPAHR											
REGIONAL ADM. L. ENG											
REVISION				DATE		BY					

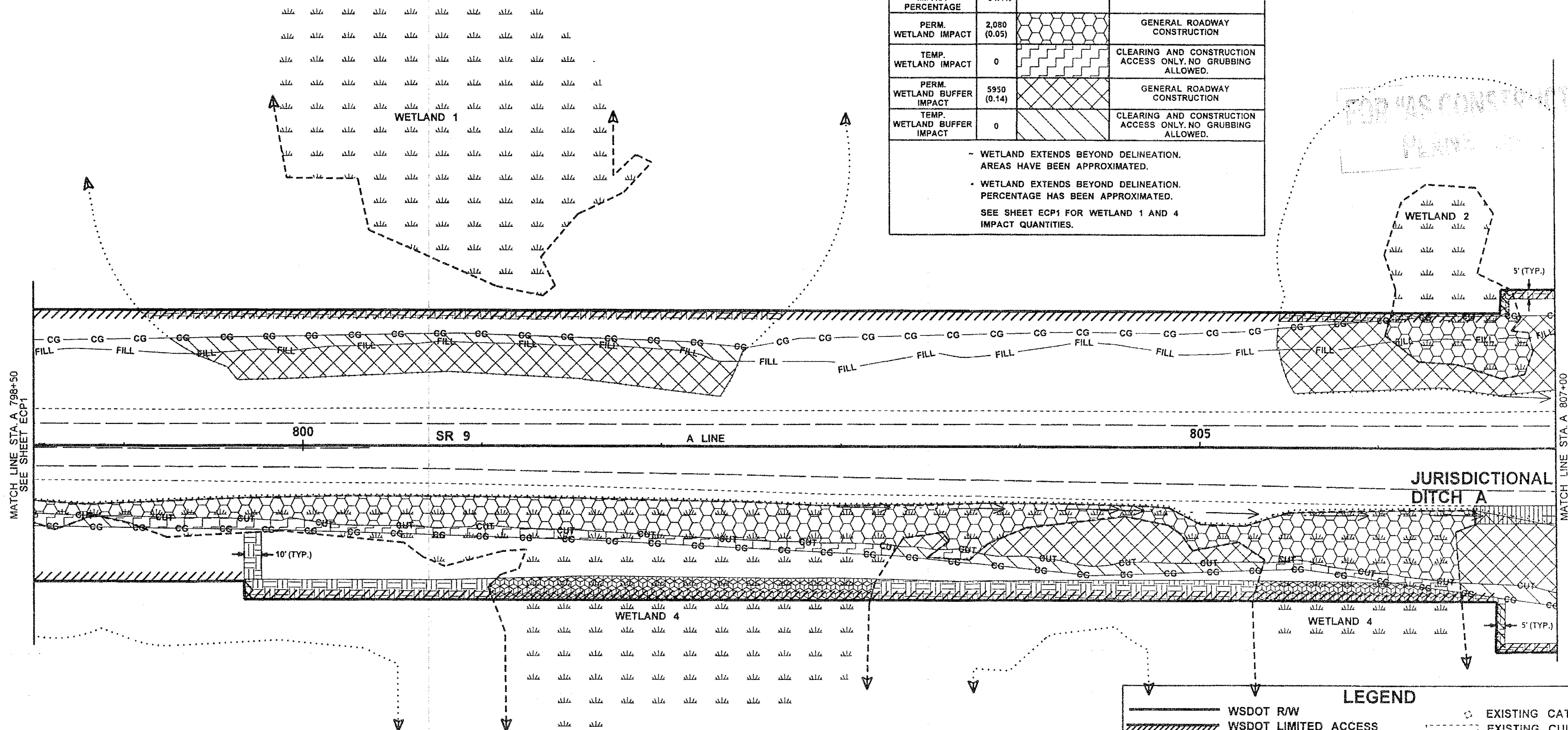
PERMITTED FOOT TRAFFIC IMPACT SQ. FT. (ACRES)		IMPACT LEGEND
WETLAND #	2	
TEMP WETLAND IMPACT ***	216 (<0.01)	
TEMP WETLAND BUFFER IMPACT ***	606 (0.01)	
*** FOOT TRAFFIC ONLY FOR INSTALLATION OR REMOVAL OF RIGHT OF WAY FENCE		

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

PERMITTED WETLAND IMPACTS			
WETLAND #	DOE CATEGORY	WETLAND AREA	PERMITTED ACTIVITIES
2	III	6,050 (0.14)	
PERM. WETLAND IMPACT PERCENTAGE	34.4%		
PERM. WETLAND IMPACT	2,080 (0.05)		GENERAL ROADWAY CONSTRUCTION
TEMP. WETLAND IMPACT	0		CLEARING AND CONSTRUCTION ACCESS ONLY, NO GRUBBING ALLOWED.
PERM. WETLAND BUFFER IMPACT	5950 (0.14)		GENERAL ROADWAY CONSTRUCTION
TEMP. WETLAND BUFFER IMPACT	0		CLEARING AND CONSTRUCTION ACCESS ONLY, NO GRUBBING ALLOWED.
~ WETLAND EXTENDS BEYOND DELINEATION. AREAS HAVE BEEN APPROXIMATED. • WETLAND EXTENDS BEYOND DELINEATION. PERCENTAGE HAS BEEN APPROXIMATED. SEE SHEET ECP1 FOR WETLAND 1 AND 4 IMPACT QUANTITIES.			



FOR US CONSTRUCTION PLANS

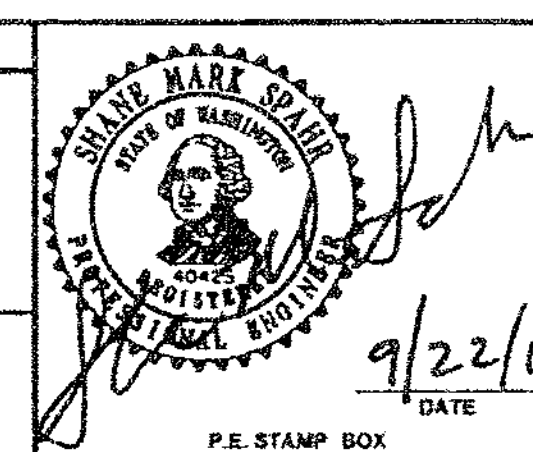


LEGEND			
	WSDOT R/W		EXISTING CATCH BASIN
	WSDOT LIMITED ACCESS		EXISTING CULVERT
	EXISTING CURB		EXISTING STORM SEWER
	EXISTING EDGE LINE		WETLAND BOUNDARY
	EXISTING EDGE OF PAVEMENT		WETLAND SYMBOL
	EXISTING STOP BAR		WETLAND BUFFER
	ORDINARY HIGH WATER		EXISTING DITCH
	JURISDICTIONAL DITCH		FILL LINE
			CUT LINE
			CLEAR AND GRUB LIMITS

0 30 60
SCALE IN FEET

FILE NAME	I:\Projects\XL3325_SR9 SR531 172nd St NE IntCADIPS&ESheets\XL3325 PS ENV-COMPLIANCE.dgn
TIME	4:25:24 PM
DATE	9/22/2011
PLOTTED BY	gunnm
DESIGNED BY	M. GUNN
ENTERED BY	K. SOLWOLD
CHECKED BY	J. KORESKE
PROJ. ENGR.	S. SPAHR
REGIONAL ADM.	L. ENG
REVISION	
DATE	
BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
10A042		
CONTRACT NO.		LOCATION NO.



Washington State
Department of Transportation

SR 9
SR 531/172ND ST NE & EAGLEFIELD DR
INTERSECTION IMPROVEMENT & PAVING
ENVIRONMENTAL COMPLIANCE PLAN

Plot 2
PLAN REF NO
ECP2
SHEET
55
OF
230
SHEETS

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

PERMITTED FOOT TRAFFIC IMPACT SQ. FT. (ACRES)			IMPACT LEGEND
WETLAND #	3C	5	
TEMP WETLAND IMPACT ***	0	186 (0.01)	
TEMP WETLAND BUFFER IMPACT ***	660 (0.02)	693 (0.03)	

*** FOOT TRAFFIC ONLY FOR INSTALLATION OR REMOVAL OF RIGHT OF WAY FENCE

PERMITTED WETLAND IMPACTS SQ. FT. (ACRES)			
WETLAND #	3C	5	IMPACT LEGEND
DOE CATEGORY	III	II	
WETLAND AREA	-9,000 (-0.21)	-13,067 (-0.30)	
PERM. WETLAND IMPACT PERCENTAGE	0.0%	0.0%	
PERM. WETLAND IMPACT	0	0	
TEMP. WETLAND IMPACT	0	210 (0.01)	
PERM. WETLAND BUFFER IMPACT	500 (0.01)	3,134 (0.07)	
TEMP. WETLAND BUFFER IMPACT	600 (0.01)	793 (0.02)	

GENERAL ROADWAY CONSTRUCTION

CLEARING AND CONSTRUCTION ACCESS ONLY. NO GRUBBING ALLOWED.

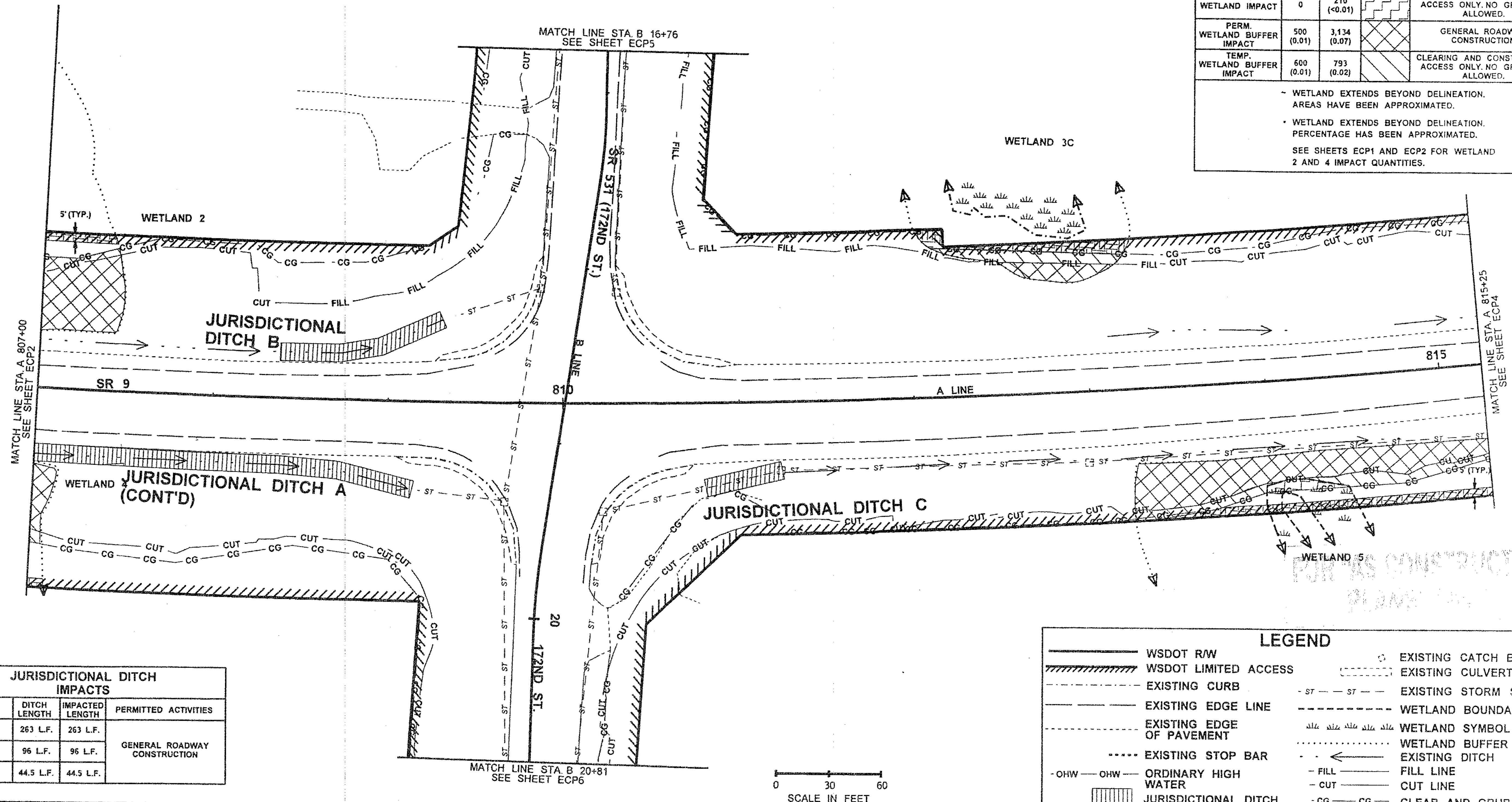
GENERAL ROADWAY CONSTRUCTION

CLEARING AND CONSTRUCTION ACCESS ONLY. NO GRUBBING ALLOWED.

WETLAND EXTENDS BEYOND DELINEATION. AREAS HAVE BEEN APPROXIMATED.

WETLAND EXTENDS BEYOND DELINEATION. PERCENTAGE HAS BEEN APPROXIMATED.

SEE SHEETS ECP1 AND ECP2 FOR WETLAND 2 AND 4 IMPACT QUANTITIES.



JURISDICTIONAL DITCH IMPACTS			
DITCH NAME	DITCH LENGTH	IMPACTED LENGTH	PERMITTED ACTIVITIES
A	263 L.F.	263 L.F.	GENERAL ROADWAY CONSTRUCTION
B	96 L.F.	96 L.F.	
C	44.5 L.F.	44.5 L.F.	

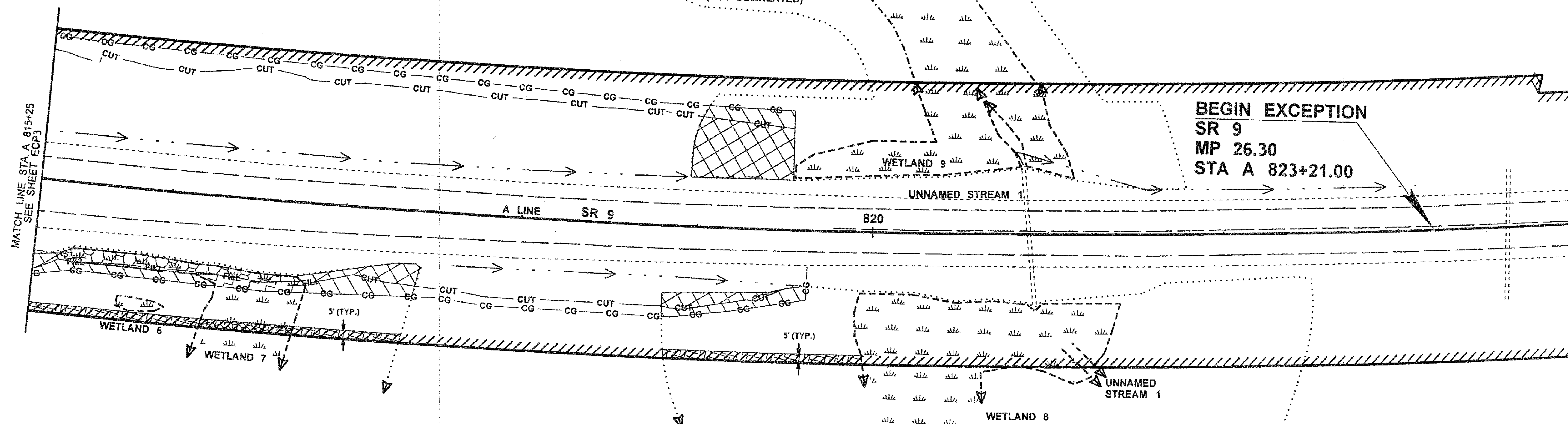
LEGEND			
WSDOT R/W	EXISTING CATCH BASIN	EXISTING CULVERT	EXISTING STORM SEWER
WSDOT LIMITED ACCESS	EXISTING CULVERT	EXISTING STORM SEWER	WETLAND BOUNDARY
EXISTING CURB	EXISTING CULVERT	EXISTING STORM SEWER	WETLAND SYMBOL
EXISTING EDGE LINE	EXISTING CULVERT	EXISTING STORM SEWER	WETLAND BUFFER
EXISTING EDGE OF PAVEMENT	EXISTING CULVERT	EXISTING STORM SEWER	EXISTING DITCH
EXISTING STOP BAR	EXISTING CULVERT	EXISTING STORM SEWER	FILL LINE
OHV	EXISTING CULVERT	EXISTING STORM SEWER	CUT LINE
ORDINARY HIGH WATER	EXISTING CULVERT	EXISTING STORM SEWER	CLEAR AND GRUB LIMITS
JURISDICTIONAL DITCH	EXISTING CULVERT	EXISTING STORM SEWER	

FILE NAME: I:\Projects\XL3325 SR9 SR531 172nd St NE IntCAD\PS&ESheets\XL3325 PS ENV-COMPLIANCE.dgn		REGION NO. 10		STATE WASH		FED.AID PROJ.NO.		DATE 9/28/11		SR 9		SR 531/172ND ST NE & EAGLEFIELD DR		PLAN REF NO ECP3	
TIME 3:52:14 PM		JOB NUMBER 10A042		CONTRACT NO.		LOCATION NO.		DATE 9/28/11		SR 531/172ND ST NE & EAGLEFIELD DR		INTERSECTION IMPROVEMENT & PAVING		SHEET 56 OF 230 SHEETS	
DATE 9/28/2011		PLOTTED BY gunnm		DESIGNED BY M. GUNN		ENTERED BY K. SOLWOLD		CHECKED BY J. KORESKI		PROJ. ENGR. S. SPAHR		REGIONAL ADM. L. ENG		ENVIRONMENTAL COMPLIANCE PLAN	
REVISION		DATE		BY		P.E. STAMP BOX		DATE		P.E. STAMP BOX		DATE			

PERMITTED WETLAND IMPACTS					
WETLAND #	6	7	8	9	
DOE CATEGORY	III	III	II	III	
WETLAND AREA	160 (0.01)	21,779 (0.50)	13,067 (0.30)	108,899 (2.50)	
PERM. WETLAND IMPACT PERCENTAGE	0.0%	3.8%	0.0%	0.0%	
PERM. WETLAND IMPACT	0	820 (0.02)	0	0	
TEMP. WETLAND IMPACT	0	320 (0.01)	0	0	
PERM. WETLAND BUFFER IMPACT	0	902 (0.02)	398 (0.01)	1,818 (0.04)	
TEMP. WETLAND BUFFER IMPACT	0	1,175 (0.03)	444 (0.01)	446 (0.01)	
- WETLAND EXTENDS BEYOND DELINEATION. AREAS HAVE BEEN APPROXIMATED. - WETLAND EXTENDS BEYOND DELINEATION. PERCENTAGE HAS BEEN APPROXIMATED. - VALUE REPRESENTS LONG TERM AND SHORT TERM WETLAND IMPACTS (DOES NOT INCLUDE FOOT TRAFFIC IMPACTS).					

PERMITTED FOOT TRAFFIC IMPACT			
WETLAND #	7	8	IMPACT LEGEND
TEMP WETLAND IMPACT ***	265 (0.01)	0	
TEMP WETLAND BUFFER IMPACT ***	782 (0.02)	568 (0.01)	
*** FOOT TRAFFIC ONLY FOR INSTALLATION OR REMOVAL OF RIGHT OF WAY FENCE			

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



LEGEND			
WSDOT R/W	EXISTING CATCH BASIN	ST	ST
WSDOT LIMITED ACCESS	EXISTING CULVERT	ST	ST
EXISTING CURB	EXISTING STORM SEWER	ST	ST
EXISTING EDGE LINE	WETLAND BOUNDARY	ST	ST
EXISTING EDGE OF PAVEMENT	WETLAND SYMBOL	ST	ST
EXISTING STOP BAR	WETLAND BUFFER	ST	ST
OHW - OHW	EXISTING DITCH	ST	ST
ORDINARY HIGH WATER	FILL LINE	ST	ST
JURISDICTIONAL DITCH	CUT LINE	ST	ST
	CLEAR AND GRUB LIMITS	ST	ST

0 30 60
SCALE IN FEET

FOR "AS CONSTRUCTED" PLANS ONLY

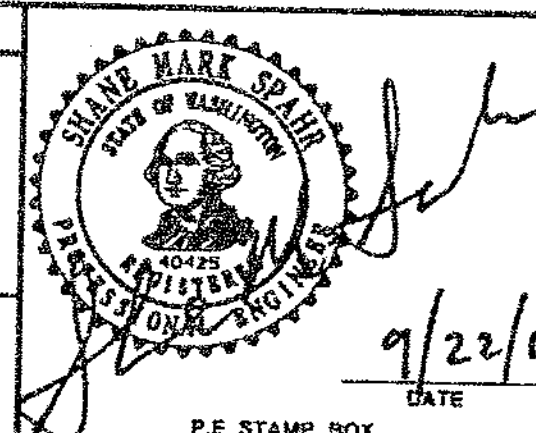
FILE NAME I:\Projects\XL3325_SR9_SR531_172nd ST NE IntCAD\PS&ESheets\XL3325_PS_ENV-COMPLIANCE.dgn

TIME 2:33:58 PM
DATE 9/22/2011

PLOTTED BY lamaymp
DESIGNED BY M. GUNN
ENTERED BY K. SOLWOLD
CHECKED BY J. KORESKI
PROJ. ENGR. S. SPAHR
REGIONAL ADM. L. ENG

REGION NO. 10
STATE WASH
JOB NUMBER 10A042
CONTRACT NO.

FED.AID PROJ.NO.
LOCATION NO.



Washington State
Department of Transportation

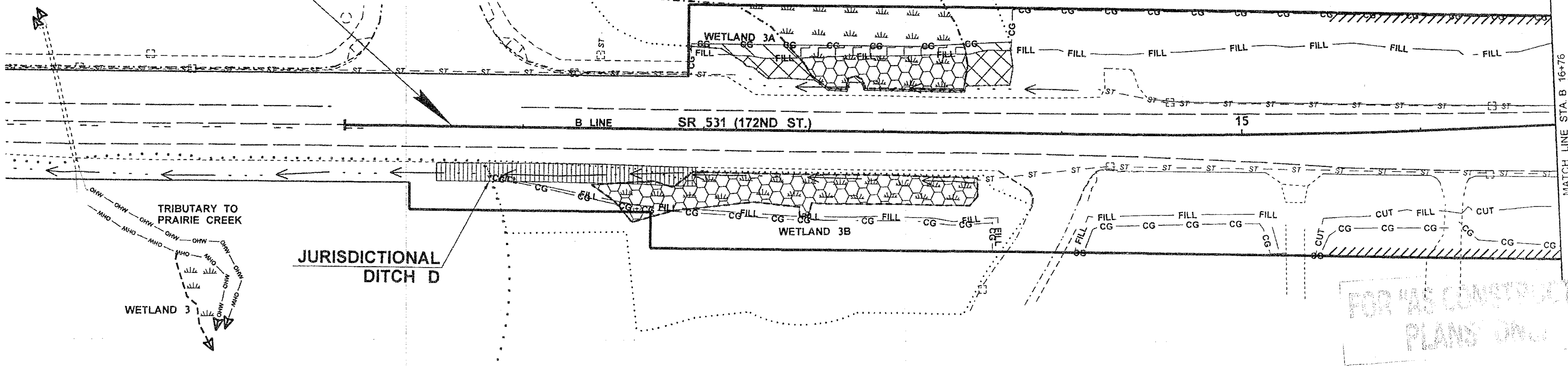
SR 9
SR 531/172ND ST NE & EAGLEFIELD DR
INTERSECTION IMPROVEMENT & PAVING
ENVIRONMENTAL COMPLIANCE PLAN

Plot 4
PLAN REF NO ECP4
SHEET 57 OF 230 SHEETS

PERMITTED WETLAND IMPACTS					IMPACT LEGEND	PERMITTED ACTIVITIES
WETLAND #	3	3A	3B	SQ. FT. (ACRES)		
DOE CATEGORY	IV	III	III			
WETLAND AREA	~2,237 (0.05)	~101,600 (2.33)	3,495 (0.08)			
PERM. WETLAND IMPACT PERCENTAGE	0.0%	*1.5%	100%			
PERM. WETLAND IMPACT	0	1,539 (0.04)	3,495 (0.08)			GENERAL ROADWAY CONSTRUCTION
TEMP. WETLAND IMPACT	0	555 + (0.01)	0			CLEARING AND CONSTRUCTION ACCESS ONLY. NO GRUBBING ALLOWED.
PERM. WETLAND BUFFER IMPACT	0	952 (0.03)	0			GENERAL ROADWAY CONSTRUCTION
TEMP. WETLAND BUFFER IMPACT	0	421 (0.01)	0			CLEARING AND CONSTRUCTION ACCESS ONLY. NO GRUBBING ALLOWED.

- WETLAND EXTENDS BEYOND DELINEATION. AREAS HAVE BEEN APPROXIMATED.
 * WETLAND EXTENDS BEYOND DELINEATION. PERCENTAGE HAS BEEN APPROXIMATED.
 + VALUE REPRESENTS LONG TERM AND SHORT TERM WETLAND IMPACTS (DOES NOT INCLUDE FOOT TRAFFIC IMPACTS).

BEGIN CONSTRUCTION
 SR 531
 MP 9.73
 STA B 10+53.80

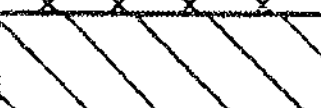


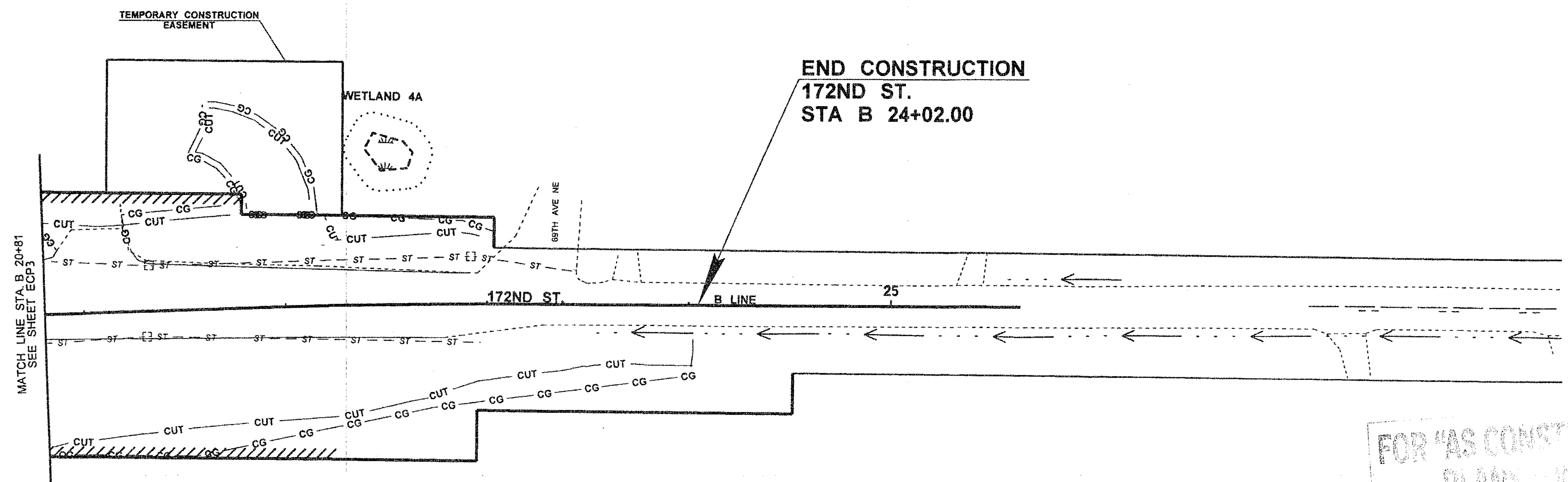
JURISDICTIONAL DITCH IMPACTS			
DITCH NAME	DITCH LENGTH	IMPACTED LENGTH	ALLOWABLE ACTIVITIES
D	141.5 L.F.	115 L.F.	GENERAL ROADWAY CONSTRUCTION

0 30 60
 SCALE IN FEET

LEGEND	
WSDOT R/W	EXISTING CATCH BASIN
WSDOT LIMITED ACCESS	EXISTING CULVERT
EXISTING CURB	EXISTING STORM SEWER
EXISTING EDGE LINE	WETLAND BOUNDARY
EXISTING EDGE OF PAVEMENT	WETLAND SYMBOL
EXISTING STOP BAR	WETLAND BUFFER
ORDINARY HIGH WATER	EXISTING DITCH
JURISDICTIONAL DITCH	FILL LINE
	CUT LINE
	CLEAR AND GRUB LIMITS

FILE NAME: I:\Projects\XL3325_SR9_SR531_172nd St NE InrCAD\PS&ESheets\XL3325_PS_ENV-COMPLIANCE.dgn		REGION NO. 10		STATE WASH		FED.AID PROJ.NO.						SR 9		Plot 5	
TIME: 3:43:39 PM												SR 531/172ND ST NE & EAGLEFIELD DR		PLAN REF NO ECP5	
DATE: 9/22/2011												INTERSECTION IMPROVEMENT & PAVING			
PLOTTED BY: lamaymp															
DESIGNED BY: M. GUNN															
ENTERED BY: K. SOLWOLD															
CHECKED BY: J. KORESKE															
PROJ. ENGR: S. SPAHR															
REGIONAL ADM: L. ENG															
		REVISION		DATE		BY						ENVIRONMENTAL COMPLIANCE PLAN		SHEET 58 OF 230 SHEETS	

PERMITTED WETLAND IMPACTS			
SQ. FT. (ACRES)			
WETLAND #	4A	IMPACT LEGEND	PERMITTED ACTIVITIES
DOE CATEGORY	IV		
WETLAND AREA	300 (≤ 0.01)		
PERM. WETLAND IMPACT PERCENTAGE	0.0%		
PERM. WETLAND IMPACT	0		NO PERMITTED ACTIVITIES
TEMP. WETLAND IMPACT	0		
PERM. WETLAND BUFFER IMPACT	0		
TEMP. WETLAND BUFFER IMPACT	0		
~ WETLAND EXTENDS BEYOND DELINEATION. AREAS HAVE BEEN APPROXIMATED. • WETLAND EXTENDS BEYOND DELINEATION. PERCENTAGE HAS BEEN APPROXIMATED.			



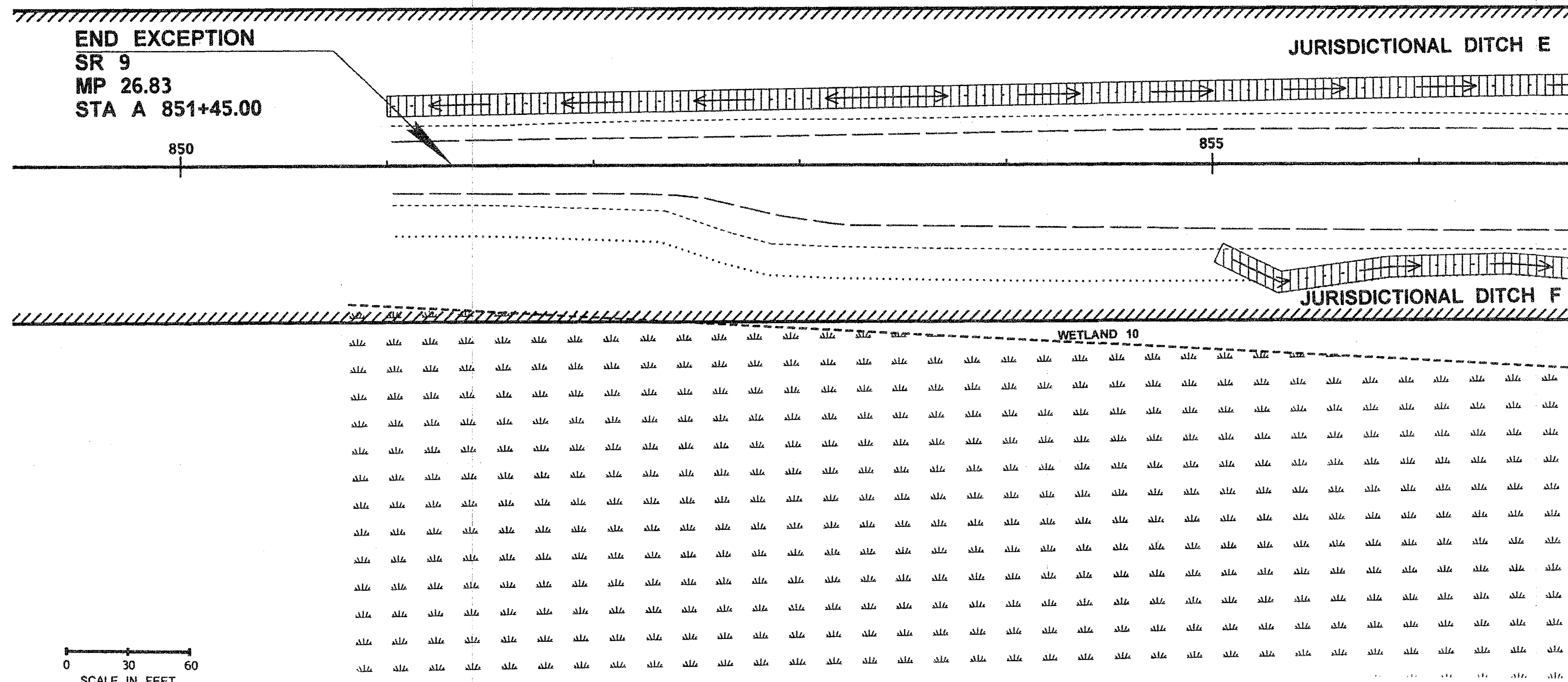
LEGEND			
	WSDOT R/W		EXISTING CATCH BASIN
	WSDOT LIMITED ACCESS		EXISTING CULVERT
	EXISTING CURB		EXISTING STORM SEWER
	EXISTING EDGE LINE		WETLAND BOUNDARY
	EXISTING EDGE OF PAVEMENT		WETLAND SYMBOL
	EXISTING STOP BAR		WETLAND BUFFER
	ORDINARY HIGH WATER		EXISTING DITCH
	JURISDICTIONAL DITCH		FILL LINE
			CUT LINE
			CLEAR AND GRUB LIMITS

FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CADIPS&ESheets\XL3325 PS ENV-COMPLIANCE.dgn				REGION NO. 10 STATE WASH		FED.AID PROJ.NO.						SR 9		PLAN REF NO ECP6
TIME 9:06:09 AM				JOB NUMBER 10A042		LOCATION NO.						SR 531/172ND ST NE & EAGLEFIELD DR		
DATE 9/27/2011										INTERSECTION IMPROVEMENT & PAVING				
PLOTTED BY solwolk										ENVIRONMENTAL COMPLIANCE PLAN				
DESIGNED BY M. GUNN														
ENTERED BY K. SOLWOLD														
CHECKED BY J. KORESKI														
PROJ. ENGR. S. SPAHR														
REGIONAL ADM. L. ENG				REVISION		DATE		BY						

LEGEND			
	WSDOT R/W		EXISTING CATCH BASIN
	WSDOT LIMITED ACCESS		EXISTING CULVERT
	EXISTING CURB		EXISTING STORM SEWER
	EXISTING EDGE LINE		WETLAND BOUNDARY
	EXISTING EDGE OF PAVEMENT		WETLAND SYMBOL
	EXISTING STOP BAR		WETLAND BUFFER
	ORDINARY HIGH WATER		EXISTING DITCH
	JURISDICTIONAL DITCH		FILL LINE
			CUT LINE
			CLEAR AND GRUB LIMITS

PERMITTED WETLAND & JURISDICTIONAL
DITCH IMPACTS

NO PERMITTED WETLAND OR
JURISDICTIONAL DITCH IMPACTS THIS SHEET



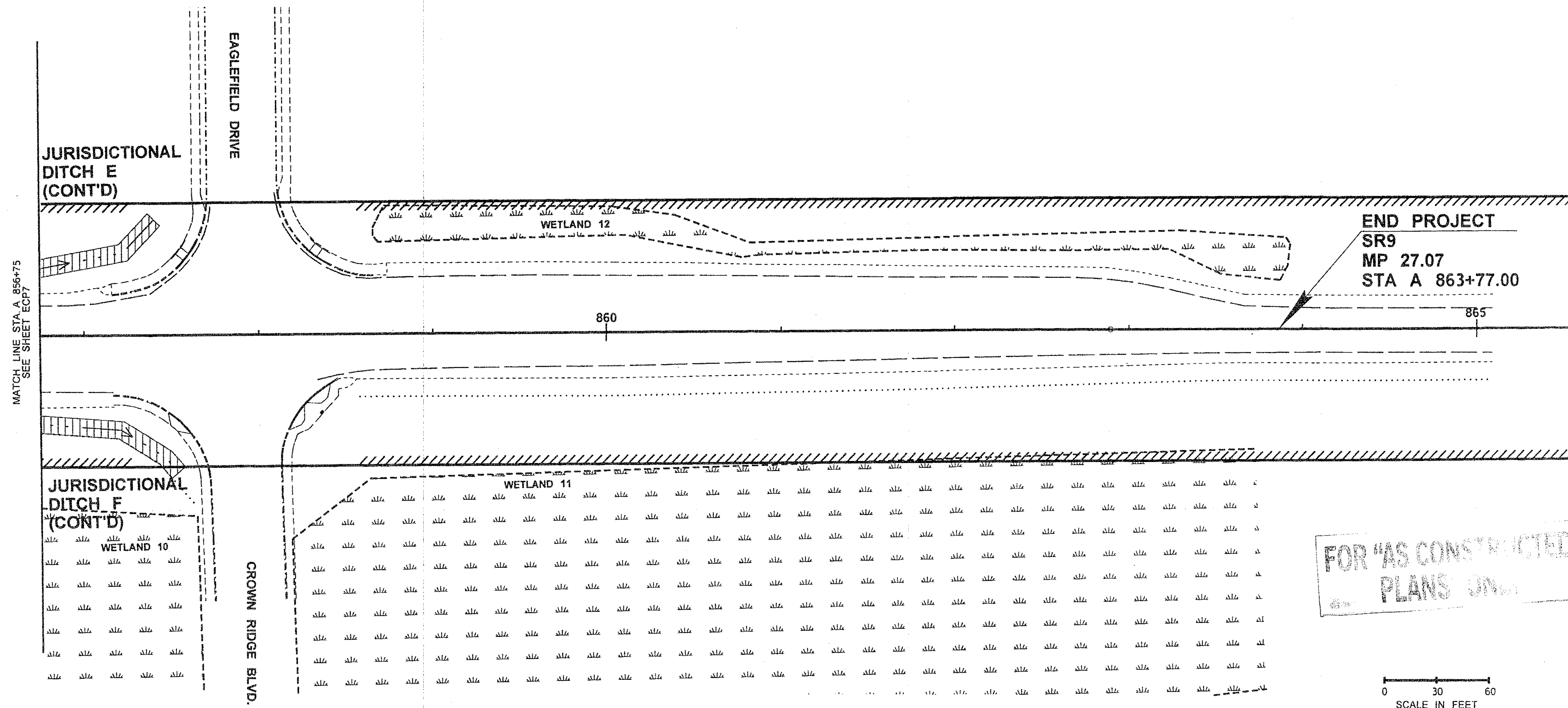
FOR "AS CONSTRUCTED
PLANS" ONLY

FILE NAME: I:\Projects\XL3325 SR9 SR531 172nd St NE InCAD\PS&ESheets\XL3325 PS ENV-COMPLIANCE.dgn				REGION NO. 10 STATE WASH		FED.AID PROJ.NO.				SR 9		Plot 7
TIME: 10:31:43 AM		DATE: 9/22/2011		JOB NUMBER 10A042		LOCATION NO.				SR 531/172ND ST NE & EAGLEFIELD DR		PLAN REF NO ECP7
PLOTTED BY: solwolk				CONTRACT NO.		DATE: 9/22/11		Washington State Department of Transportation		INTERSECTION IMPROVEMENT & PAVING		SHEET 60 OF 230 SHEETS
DESIGNED BY: M. GUNN										ENVIRONMENTAL COMPLIANCE PLAN		
ENTERED BY: K. SOLWOLD												
CHECKED BY: J. KORESKE												
PROJ. ENGR: S. SPAHR												
REGIONAL ADM: L. ENG												
REVISION				DATE		BY						

LEGEND			
	WSDOT R/W		EXISTING CATCH BASIN
	WSDOT LIMITED ACCESS		EXISTING CULVERT
	EXISTING CURB		EXISTING STORM SEWER
	EXISTING EDGE LINE		WETLAND BOUNDARY
	EXISTING EDGE OF PAVEMENT		WETLAND SYMBOL
	EXISTING STOP BAR		WETLAND BUFFER
	OHW — OHW		EXISTING DITCH
	ORDINARY HIGH WATER		FILL LINE
	JURISDICTIONAL DITCH		CUT LINE
			CLEAR AND GRUB LIMITS

PERMITTED WETLAND & JURISDICTIONAL DITCH IMPACTS

NO PERMITTED WETLAND OR JURISDICTIONAL DITCH IMPACTS THIS SHEET



FOR "AS CONSTRUCTED"
PLANS ONLY

FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS ENV-COMPLIANCE.dgn				REGION NO. STATE		FED.AID PROJ.NO.				SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING ENVIRONMENTAL COMPLIANCE PLAN	Plot 8 PLAN REF NO ECP8 SHEET 61 OF 230 SHEETS
TIME	2:02:57 PM			10	WASH						
DATE	9/27/2011										
PLOTTED BY	lamaymp										
DESIGNED BY	M. GUNN										
ENTERED BY	K. SOLWOLD										
CHECKED BY	J. KORESKI										
PROJ. ENGR.	S. SPAHR										
REGIONAL ADM.	L. ENG										
REVISION		DATE	BY	CONTRACT NO.		LOCATION NO.		P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE

STRUCTURE NOTES - DRAINAGE

NOTE: THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE. THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.		SELECT BORROW INCL. HAUL*	SAND DRAINAGE BLANKET		EMBANKMENT COMPACTION *	GEOSYNTHETIC CLAY LINER		CONCRETE INLET	GRATE INLET TYPE 2	DROP INLET TYPE 1		QUARRY SPALLS **	UNDERDRAIN PIPE 6 IN. DIAM.	SCHEDULE A CULV. PIPE 12 IN. DIAM. **		CATCH BASIN TYPE 2 54 IN. DIAM. WITH FLOW RESTRICTOR	SEE GENERAL NOTES	GENERAL NOTES: * - Refer to sheets RP1-RP4, TCP1 and TPP2 for additional quantities. ** - Refer to sheets QTEC1-QTEC2 and AL1 for additional quantities. *** - Refer to sheets QTEC1-QTEC2 for additional quantities.			
CODE	LOCATION & \ UNIT OF MEASURE >	TON	TON		C.Y.	S.F.		EACH	EACH	EACH		TON	L.F.	L.F.		EACH					
D1-1	A 795+78.0 (23.3' LT) TO A 802+50.0 (35.0' LT)																	1. STANDARD PLAN B-5.20-00, CATCH BASIN TYPE 1 2. STANDARD PLAN B-10.20-00, CATCH BASIN TYPE 2 3. STANDARD PLAN B-10.40-00, CATCH BASIN TYPE 2 WITH FLOW RESTRICTOR. SEE SHEET DD3 FOR CONICAL OVERFLOW RACK DETAIL. 4. STANDARD PLAN B-35.40-00, GRATE INLET TYPE 2. A FRAME AND DUAL VANED GRATE SHALL BE USED, SEE STANDARD PLAN B-40.40-00. 5. SCHEDULE A PIPE SHALL BE CONSTRUCTED OF CORRUGATED POLYETHYLENE (PE), REFERENCE STANDARD SPECIFICATIONS 1-07.7(2) FOR SHALLOW COVER STANDARDS 6. MEDIA FILTER DRAIN TYPE 1 (WITHOUT UNDERDRAIN), SEE SHEET DD1 FOR DETAIL 7. MEDIA FILTER DRAIN TYPE 2 (WITH UNDERDRAIN), SEE SHEET DD1 FOR DETAIL 8. STANDARD PLAN B-70.20-00, BEVELED END SECTIONS. 9. SEE SHEET DD1 FOR STORM SEWER OUTLET DETAIL. 10. SEE SHEET DD3 FOR UNDERDRAIN DETAIL. 11. SEE SHEET DD3 FOR GEOMEMBRANE ANCHOR DETAIL. GEOMEMBRANE ANCHOR SHALL MATCH GEOSYNTHETIC CLAY LINER ANCHOR 12. SELECT BORROW INCL. HAUL SHALL BE USED TO BACKFILL STORM SEWER PIPES			
D1-2	A 795+78.0 (21.6' RT) TO A 798+05.0 (19.6' RT)																6				
D1-3	A 798+05.0 (19.6' RT) TO A 807+50.0 (40.6' RT)																6				
D2-1	A 802+50.0 (35.0' LT) TO A 808+18.0 (52.1' LT)																7, 11				
D3-1	A 807+94.1 (41.0' RT) TO A 808+19.5 (65.2' LT)	126															7				
D3-2	A 808+18.0 (58.1' LT) TO A 808+28.2 (58.6' LT)	10						1		1							5, 12				
D3-3	A 808+28.2 (58.6' LT) TO A 808+29.4 (41.8' LT)	15															5, 12				
D3-4	A 808+29.4 (41.8' LT) TO A 808+96.8 (46.0' LT)	54															1, 5, 12				
D3-5	A 808+96.8 (46.0' LT) TO A 809+48.3 (68.6' LT)	47															1, 5, 12				
D3-6	A 808+19.5 (65.2' LT) TO A 809+50.2 (87.6' LT)	171															2, 5, 12				
D3-7	A 809+48.3 (68.6' LT) TO B 17+66.8 (32.9' RT)	43															2, 5, 12				
D3-8	A 809+50.2 (87.6' LT) TO A 809+79.6 (28.2' LT)	62															1, 5, 12				
D3-9	A 809+79.6 (28.2' LT) TO A 810+24.7 (31.1' RT)	15															10, 12				
D3-10	A 809+50.2 (87.6' LT) TO B 15+51.2 (52.0' RT)	372											74				5, 12				
D3-11	B 17+13.5 (27.2' RT) TO B 17+66.8 (32.9' RT)	26															1, 5, 12				
D3-12	B 15+50.4 (35.6' RT) TO B 17+13.5 (27.2' RT)	119															1, 5, 12				
D3-13	B 15+72.0 (33.6' LT) TO B 17+66.3 (33.0' LT)	124															1, 5, 12				
D3-14	A 811+79.8 (13.6' LT) TO A 811+80.9 (44.1' LT)	8															1, 5, 8, 12				
D3-15	A 812+17.4 (62.7' LT) TO A 812+18.1 (70.4' LT)																3, 5				
D3-16	A 812+18.1 (70.4' LT) TO A 813+44.7 (61.4' LT)																5, 8, 9				
D3-17	A 813+68.0 (44.2' LT) TO A 819+34.0 (23.5' LT)																6				
D3-18	A 807+51.8 (53.6' RT) TO A 807+51.1 (46.6' RT)	12						1									1, 5, 8, 12				
D3-19	A 807+51.1 (46.6' RT) TO A 807+94.1 (41.0' RT)	56															1, 5, 12				
D3-20	A 807+94.1 (41.0' RT) TO A 807+94.9 (47.7' RT)	10															5, 8, 12				
D3-21	A 808+26.0 (17.8' RT) TO A 808+88.2 (24.3' RT)	54															1, 5, 12				
D3-22	A 808+88.2 (24.3' RT) TO A 808+96.8 (46.0' LT)	60															1, 5, 12				
D3-23	A 808+88.2 (24.3' RT) TO A 809+45.9 (73.6' RT)	63															1, 5, 12				
D3-24	A 809+45.9 (73.6' RT) TO B 20+03.3 (22.6' RT)	41															1, 5, 12				
D3-25	B 20+03.3 (22.6' RT) TO B 20+74.7 (16.5' RT)	78															1, 5, 12				
D3-26	B 20+06.5 (21.6' LT) TO B 20+75.6 (14.0' LT)	91															1, 5, 12				
D3-27	B 19+79.8 (31.8' LT) TO B 20+06.5 (21.6' LT)	30															1, 5, 12				
D3-28	B 19+79.8 (31.8' LT) TO A 811+04.9 (46.0' RT)	87															1, 5, 12				
SHEET TOTAL		1774						3	1	1		4	74			1	4, 5, 12				
DESIGNED BY	M. GUNN						REGION NO.	STATE	FED. AID PROJ. NO.									SR 9		DSN 1	
ENTERED BY	M. GUNN						10	WASH										SR 531/172ND ST NE & EAGLEFIELD DR		SHEET	
CHECKED BY	J. KORESKI																	INTERSECTION IMPROVEMENT & PAVING		62	
PROJ. ENGR.	S. SPAHR						JOB NUMBER													OF	
REGION ADM.	L. ENG						10A042													230	
		DATE	DATE	REVISION	BY	CONTRACT NO.													STRUCTURE NOTES - DRAINAGE		SHEETS

STRUCTURE NOTES - DRAINAGE

NOTE: THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE. THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.				CATCH BASIN TYPE 1	CATCH BASIN TYPE 2 48 IN. DIAM.	TESTING STORM SEWER PIPE		SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM.		CONICAL OVERFLOW RACK		STRUCTURE EXCAVATION CLASS A INCL. HAUL	CRUSHED SURFACING BASE COURSE *		MEDIA FILTER DRAIN TYPE 1	MEDIA FILTER DRAIN TYPE 2		SEE GENERAL NOTES	GENERAL NOTES: * - Refer to sheets RP1-RP4, TCP1 and TPP2 for additional quantities. ** - Refer to sheets QTEC1-QTEC2 and AL1 for additional quantities. *** - Refer to sheets QTEC1-QTEC2 for additional quantities.	
CODE	LOCATION	UNIT OF MEASURE		EACH	EACH	L.F.		L.F.	L.F.		EACH		C.Y.	TON		L.F.	L.F.				
D1-1	A 795+78.0 (23.3' LT) TO A 802+50.0 (35.0' LT)															672			6	1. STANDARD PLAN B-5.20-00, CATCH BASIN TYPE 1 2. STANDARD PLAN B-10.20-00, CATCH BASIN TYPE 2 3. STANDARD PLAN B-10.40-00, CATCH BASIN TYPE 2 WITH FLOW RESTRICTOR. SEE SHEET DD3 FOR CONICAL OVERFLOW RACK DETAIL. 4. STANDARD PLAN B-35.40-00, GRATE INLET TYPE 2. A FRAME AND DUAL VANED GRATE SHALL BE USED, SEE STANADARD PLAN B-40.40-00. 5. SCHEDULE A PIPE SHALL BE CONSTRUCTED OF CORRUGATED POLYETHYLENE (PE), REFERENCE STANDARD SPECIFICATIONS 1-07.7(2) FOR SHALLOW COVER STANDARDS 6. MEDIA FILTER DRAIN TYPE 1 (WITHOUT UNDERDRAIN), SEE SHEET DD1 FOR DETAIL 7. MEDIA FILTER DRAIN TYPE 2 (WITH UNDERDRAIN), SEE SHEET DD1 FOR DETAIL 8. STANDARD PLAN B-70.20-00, BEVELED END SECTIONS 9. SEE SHEET DD1 FOR STORM SEWER OUTLET DETAIL 10. SEE SHEET DD3 FOR UNDERDRAIN DETAIL. 11. SEE SHEET DD3 FOR GEOMEMBRANE ANCHOR DETAIL. GEOMEMBRANE ANCHOR SHALL MATCH GEOSYNTHETIC CLAY LINER ANCHOR 12. SELECT BORROW INCL. HAUL SHALL BE USED TO BACKFILL STORM SEWER PIPES FOR "AS CONSTRUCTED" PLANS	
D1-2	A 795+78.0 (21.6' RT) TO A 798+05.0 (19.6' RT)															227			6		
D1-3	A 798+05.0 (19.6' RT) TO A 807+50.0 (40.6' RT)																	942	7, 11		
D2-1	A 802+50.0 (35.0' LT) TO A 808+18.0 (52.1' LT)																	567	7		
D3-1	A 807+94.1 (41.0' RT) TO A 808+19.5 (65.2' LT)					110		110													5, 12
D3-2	A 808+18.0 (58.1' LT) TO A 808+28.2 (58.6' LT)																				
D3-3	A 808+28.2 (58.6' LT) TO A 808+29.4 (41.8' LT)					17		17													5, 12
D3-4	A 808+29.4 (41.8' LT) TO A 808+96.8 (46.0' LT)			1		67		67													1, 5, 12
D3-5	A 808+96.8 (46.0' LT) TO A 809+48.3 (68.6' LT)			1		56		56													1, 5, 12
D3-6	A 808+19.5 (65.2' LT) TO A 809+50.2 (87.6' LT)				1	131		131													2, 5, 12
D3-7	A 809+48.3 (68.6' LT) TO B 17+66.8 (32.9' RT)				1	58		58													2, 5, 12
D3-8	A 809+50.2 (87.6' LT) TO A 809+79.6 (28.2' LT)			1		66		66													1, 5, 12
D3-9	A 809+79.6 (28.2' LT) TO A 810+24.7 (31.1' RT)																				10, 12
D3-10	A 809+50.2 (87.6' LT) TO B 15+51.2 (52.0' RT)					240		240													5, 12
D3-11	B 17+13.5 (27.2' RT) TO B 17+66.8 (32.9' RT)			1		50		50													1, 5, 12
D3-12	B 15+50.4 (35.6' RT) TO B 17+13.5 (27.2' RT)			1		164		164													1, 5, 12
D3-13	B 15+72.0 (33.6' LT) TO B 17+66.3 (33.0' LT)			1		199		199													1, 5, 12
D3-14	A 811+79.8 (13.6' LT) TO A 811+80.9 (44.1' LT)			1		31		31													1, 5, 8, 12
D3-15	A 812+17.4 (62.7' LT) TO A 812+18.1 (70.4' LT)					8		8		1											3, 5
D3-16	A 812+18.1 (70.4' LT) TO A 813+44.7 (61.4' LT)					126		126													5, 8, 9
D3-17	A 813+68.0 (44.2' LT) TO A 819+34.0 (23.5' LT)															563			6		
D3-18	A 807+51.8 (53.6' RT) TO A 807+51.1 (46.6' RT)					7		7													1, 5, 8, 12
D3-19	A 807+51.1 (46.6' RT) TO A 807+94.1 (41.0' RT)					44		44													1, 5, 12
D3-20	A 807+94.1 (41.0' RT) TO A 807+94.9 (47.7' RT)			1		7		22													5, 8, 12
D3-21	A 808+26.0 (17.8' RT) TO A 808+88.2 (24.3' RT)			1		63		63													1, 5, 12
D3-22	A 808+88.2 (24.3' RT) TO A 808+96.8 (46.0' LT)			1		71		71													1, 5, 12
D3-23	A 808+88.2 (24.3' RT) TO A 809+45.9 (73.6' RT)			1		76		76													1, 5, 12
D3-24	A 809+45.9 (73.6' RT) TO B 20+03.3 (22.6' RT)			1		53		53													1, 5, 12
D3-25	B 20+03.3 (22.6' RT) TO B 20+74.7 (16.5' RT)			1		72		72												1, 5, 12	
D3-26	B 20+06.5 (21.6' LT) TO B 20+75.6 (14.0' LT)			1		69		69												1, 5, 12	
D3-27	B 19+79.8 (31.8' LT) TO B 20+06.5 (21.6' LT)			1		27		27												1, 5, 12	
D3-28	B 19+79.8 (31.8' LT) TO A 811+04.9 (46.0' RT)					107		107												4, 5, 12	
SHEET TOTAL				14	2	1919		1919			1					1462	1509				
DESIGNED BY	M. GUNN						REGION NO.	STATE	FED. AID PROJ. NO.											SR 9	DSN 2
ENTERED BY	M. GUNN						10	WASH												SR 531/172ND ST NE & EAGLEFIELD DR	SHEET
CHECKED BY	J. KORESKE																			INTERSECTION IMPROVEMENT & PAVING	63
PROJ. ENGR.	S. SPAHR																				OF
REGION ADM.	L. ENG																				230
		DATE	DATE		REVISION															STRUCTURE NOTES - DRAINAGE	SHEETS

STRUCTURE NOTES - DRAINAGE

STRUCTURE NOTES - DRAINAGE																	GENERAL NOTES:	
NOTE: THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE. THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.		STRUCTURE EXCAVATION CLASS B INCL. HAUL ***	SHORING OR EXTRA EXCAVATION CLASS B ***		GRAVEL BACKFILL FOR DRAIN	CONNECTION TO DRAINAGE STRUCTURE		CONSTRUCTION GEOTEXTILE FOR SEPARATION **	CONSTRUCTION GEOTEXTILE FOR UNDERGROUND DRAINAGE	GEOMEMBRANE ***							SEE GENERAL NOTES	* - Refer to sheets RP1-RP4, TCP1 and TPP2 for additional quantities. ** - Refer to sheets QTEC1-QTEC2 and AL1 for additional quantities. *** - Refer to sheets QTEC1-QTEC2 for additional quantities.
CODE	LOCATION > \ UNIT OF MEASURE >	C.Y.	S.F.		C.Y.	EACH		S.Y.	S.Y.	S.Y.								
D1-1	A 795+78.0 (23.3' LT) TO A 802+50.0 (35.0' LT)																6	1. STANDARD PLAN B-5.20-00, CATCH BASIN TYPE 1
D1-2	A 795+78.0 (21.6' RT) TO A 798+05.0 (19.6' RT)																6	
D1-3	A 798+05.0 (19.6' RT) TO A 807+50.0 (40.6' RT)									220							7, 11	2. STANDARD PLAN B-10.20-00, CATCH BASIN TYPE 2
D2-1	A 802+50.0 (35.0' LT) TO A 808+18.0 (52.1' LT)																7	
D3-1	A 807+94.1 (41.0' RT) TO A 808+19.5 (65.2' LT)	97	690														5, 12	3. STANDARD PLAN B-10.40-00, CATCH BASIN TYPE 2 WITH FLOW RESTRICTOR. SEE SHEET DD3 FOR CONICAL OVERFLOW RACK DETAIL.
D3-2	A 808+18.0 (58.1' LT) TO A 808+28.2 (58.6' LT)	11	60															
D3-3	A 808+28.2 (58.6' LT) TO A 808+29.4 (41.8' LT)	10	90														5, 12	
D3-4	A 808+29.4 (41.8' LT) TO A 808+96.8 (46.0' LT)	47	330														1, 5, 12	4. STANDARD PLAN B-35.40-00, GRATE INLET TYPE 2. A FRAME AND DUAL VANED GRATE SHALL BE USED, SEE STANDARD PLAN B-40.40-00.
D3-5	A 808+96.8 (46.0' LT) TO A 809+48.3 (68.6' LT)	41	280														1, 5, 12	
D3-6	A 808+19.5 (65.2' LT) TO A 809+50.2 (87.6' LT)	128	910														2, 5, 12	
D3-7	A 809+48.3 (68.6' LT) TO B 17+66.8 (32.9' RT)	43	270														2, 5, 12	
D3-8	A 809+50.2 (87.6' LT) TO A 809+79.6 (28.2' LT)	53	360														1, 5, 12	5. SCHEDULE A PIPE SHALL BE CONSTRUCTED OF CORRUGATED POLYETHYLENE (PE), REFERENCE STANDARD SPECIFICATIONS 1-07.7(2) FOR SHALLOW COVER STANDARDS
D3-9	A 809+79.6 (28.2' LT) TO A 810+24.7 (31.1' RT)	27			6				70								10, 12	
D3-10	A 809+50.2 (87.6' LT) TO B 15+51.2 (52.0' RT)	248	1920														5, 12	
D3-11	B 17+13.5 (27.2' RT) TO B 17+66.8 (32.9' RT)	30															1, 5, 12	6. MEDIA FILTER DRAIN TYPE 1 (WITHOUT UNDERDRAIN), SEE SHEET DD1 FOR DETAIL
D3-12	B 15+50.4 (35.6' RT) TO B 17+13.5 (27.2' RT)	101	740														1, 5, 12	
D3-13	B 15+72.0 (33.6' LT) TO B 17+66.3 (33.0' LT)	112	820														1, 5, 12	7. MEDIA FILTER DRAIN TYPE 2 (WITH UNDERDRAIN), SEE SHEET DD1 FOR DETAIL
D3-14	A 811+79.8 (13.6' LT) TO A 811+80.9 (44.1' LT)	15															1, 5, 8, 12	8. STANDARD PLAN B-70.20-00, BEVELED END SECTIONS.
D3-15	A 812+17.4 (62.7' LT) TO A 812+18.1 (70.4' LT)	9															3, 5	
D3-16	A 812+18.1 (70.4' LT) TO A 813+44.7 (61.4' LT)	13															5, 8, 9	
D3-17	A 813+68.0 (44.2' LT) TO A 819+34.0 (23.5' LT)																6	9. SEE SHEET DD1 FOR STORM SEWER OUTLET DETAIL.
D3-18	A 807+51.8 (53.6' RT) TO A 807+51.1 (46.6' RT)	9	60														1, 5, 8, 12	10. SEE SHEET DD3 FOR UNDERDRAIN DETAIL.
D3-19	A 807+51.1 (46.6' RT) TO A 807+94.1 (41.0' RT)	38	300														1, 5, 12	
D3-20	A 807+94.1 (41.0' RT) TO A 807+94.9 (47.7' RT)	8	50														5, 8, 12	
D3-21	A 808+26.0 (17.8' RT) TO A 808+88.2 (24.3' RT)	45	320														1, 5, 12	11. SEE SHEET DD3 FOR GEOMEMBRANE ANCHOR DETAIL. GEOMEMBRANE ANCHOR SHALL MATCH GEOSYNTHETIC CLAY LINER ANCHOR
D3-22	A 808+88.2 (24.3' RT) TO A 808+96.8 (46.0' LT)	50	350														1, 5, 12	
D3-23	A 808+88.2 (24.3' RT) TO A 809+45.9 (73.6' RT)	54	380														1, 5, 12	
D3-24	A 809+45.9 (73.6' RT) TO B 20+03.3 (22.6' RT)	37	250														1, 5, 12	
D3-25	B 20+03.3 (22.6' RT) TO B 20+74.7 (16.5' RT)	61	440														1, 5, 12	12. SELECT BORROW INCL. HAUL SHALL BE USED TO BACKFILL STORM SEWER PIPES
D3-26	B 20+06.5 (21.6' LT) TO B 20+75.6 (14.0' LT)	67	480														1, 5, 12	
D3-27	B 19+79.8 (31.8' LT) TO B 20+06.5 (21.6' LT)	27	170														1, 5, 12	
D3-28	B 19+79.8 (31.8' LT) TO A 811+04.9 (46.0' RT)	75	520														4, 5, 12	
SHEET TOTAL		1456	9790		6				70	220								
DESIGNED BY	M. GUNN						REGION NO.	STATE	FED. AID PROJ. NO.								SR 9	
ENTERED BY	M. GUNN						10	WASH									SR 531/172ND ST NE & EAGLEFIELD DR	
CHECKED BY	J. KORESKI																INTERSECTION IMPROVEMENT & PAVING	
PROJ. ENGR.	S. SPAHR																	
REGION ADM.	L. ENG																	
		DATE	DATE	REVISION	BY												STRUCTURE NOTES - DRAINAGE	
																	DSN 3	
																	SHEET	
																	84	
																	OF	
																	230	
																	SHEETS	

STRUCTURE NOTES - DRAINAGE

NOTE: THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE. THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.																		SELECT BORROW INCL. HAUL *		SAND DRAINAGE BLANKET		EMBANKMENT COMPACTION *	GEOSYNTHETIC CLAY LINER		CONCRETE INLET	GRATE INLET TYPE 2	DROP INLET TYPE 1		QUARRY SPALLS **	UNDERDRAIN PIPE 6 IN. DIAM.	SCHEDULE A CULV. PIPE 12 IN. DIAM. **		CATCH BASIN TYPE 2 54 IN. DIAM. WITH FLOW RESTRICTOR	SEE GENERAL NOTES	GENERAL NOTES:	
CODE	LOCATION		UNIT OF MEASURE	TON	TON		C.Y.	S.F.	EACH	EACH	EACH		TON	L.F.	L.F.		EACH																			
D3-29	A 811+04.9 (46.0' RT) TO A 811+71.9 (42.1' RT)		41															1, 5, 12	1. STANDARD PLAN B-5.20-00, CATCH BASIN TYPE 1																	
D3-30	A 811+71.9 (42.1' RT) TO A 811+79.8 (13.6' LT)		19															1, 5, 12																		
D3-31	A 811+08.2 (62.7' RT) TO B 19+92.4 (51.3' LT)		78															1, 5, 8, 12	2. STANDARD PLAN B-10.20-00, CATCH BASIN TYPE 2																	
D3-32	A 811+08.2 (62.7' RT) TO A 812+50.2 (45.0' RT)		143															1, 5, 12	3. STANDARD PLAN B-10.40-00, CATCH BASIN TYPE 2 WITH FLOW RESTRICTOR. SEE SHEET DD3 FOR CONICAL OVERFLOW RACK DETAIL.																	
D3-33	A 812+50.2 (45.9' RT) TO A 813+15.5 (57.3' RT)		49										4					1, 5, 8, 9, 12																		
D3	DETENTION POND		1057	122		576	5286																													
D3	PERMANENT BERM		7			4																														
D5-1	B 12+00.8 (30.3' LT) TO B 12+19.8 (30.3' LT)		19															2, 8, 12	4. STANDARD PLAN B-35.40-00, GRATE INLET TYPE 2. A FRAME AND DUAL VANED GRATE SHALL BE USED, SEE STANADARD PLAN B-40.40-00.																	
D5-2	B 12+19.8 (30.3' LT) TO B 13+01.2 (30.7' LT)		56															1, 5, 12																		
D5-3	B 13+01.2 (30.7' LT) TO B 14+06.8 (34.1' LT)		65															1, 12																		
D5-4	B 13+64.8 (35.4' RT) TO B 14+21.5 (45.5' LT)		176															12	5. SCHEDULE A PIPE SHALL BE CONSTRUCTED OF CORRUGATED POLYETHYLENE (PE), REFERENCE STANDARD SPECIFICATIONS 1-07.7(2) FOR SHALLOW COVER STANDARDS																	
D5-5	B 15+50.4 (49.4' LT) TO B 15+72.0 (33.6' LT)		62															2, 5, 12																		
D5-6	B 11+45.8 (25.6' RT) TO B 12+55.7' (35.8' RT)		7										4					1, 5, 8, 9, 12																		
D5-7	B 12+55.7 (35.8' RT) TO B 13+64.8 (35.4' RT)		123															2, 5, 12																		
D5-8	B 14+16.0 (35.2' RT) TO B 15+50.4 (35.6' RT)		195															1, 5, 12	6. MEDIA FILTER DRAIN TYPE 1 (WITHOUT UNDERDRAIN), SEE SHEET DD1 FOR DETAIL																	
D5-9	B 13+64.8 (35.4' RT) TO B 15+51.2 (52.0' RT)		346															2, 5, 12	7. MEDIA FILTER DRAIN TYPE 2 (WITH UNDERDRAIN), SEE SHEET DD1 FOR DETAIL																	
D5-10	B 15+50.4 (35.6' RT) TO B 15+72.0 (33.6' LT)		180															2, 5, 12	8. STANDARD PLAN B-70.20-00, BEVELED END SECTIONS																	
D5	DETENTION VAULT												270						9. SEE SHEET DD1 FOR STORM SEWER OUTLET DETAIL																	
D6-1	B 20+75.6 (16.2' LT) TO B 22+44.9 (15.2' LT)		250															1, 5, 12	10. SEE SHEET DD3 FOR UNDERDRAIN DETAIL.																	
D6-2	B 22+82.7 (27.5' LT) TO B 23+47.9 (16.3' LT)		30						1									1, 5, 12	11. SEE SHEET DD3 FOR GEOMEMBRANE ANCHOR DETAIL. GEOMEMBRANE ANCHOR SHALL MATCH GEOSYNTHETIC CLAY LINER ANCHOR																	
D6-3	B 20+74.7 (18.6' RT) TO B 22+01.4 (15.1' RT)		180															1, 5, 12																		
D6-4	B 21+49.2 (30.3' LT) TO B 22+32.4 (29.2' LT)		83												84			5, 12	12. SELECT BORROW INCL. HAUL SHALL BE USED TO BACKFILL STORM SEWER PIPES																	
D3-34	B 19+95 TO B 20+15 RT														20				FOR AS SHOWN																	
SHEET TOTAL			3166	122		580	5286						278		84				PLAN 10																	
PROJECT TOTAL			4940	122		580	5286		3	1	1		282	74	84		1																			
DESIGNED BY		M. GUNN						REGION NO.	STATE		FED. AID PROJ. NO.				Washington State Department of Transportation		SR 9		DSN 4																	
ENTERED BY		M. GUNN						10	WASH								SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING		SHEET 65 OF 230 SHEETS																	
CHECKED BY		J. KORESKI						JOB NUMBER																												
PROJ. ENGR.		S. SPAHR						10A042																												
REGION ADM.		L. ENG						CONTRACT NO.										STRUCTURE NOTES - DRAINAGE																		
		DATE		DATE		REVISION		BY																												

STRUCTURE NOTES - DRAINAGE

NOTE: THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE. THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.																	GENERAL NOTES: * - Refer to sheets RP1-RP4, TCP1 and TPP2 for additional quantities. ** - Refer to sheets QTEC1-QTEC2 and AL1 for additional quantities. *** - Refer to sheets QTEC1-QTEC2 for additional quantities.																
		CATCH BASIN TYPE 1	CATCH BASIN TYPE 2 48 IN. DIAM.	TESTING STORM SEWER PIPE		SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM.	CO 4 DUCTILE IRON SEWER PIPE 12 IN. DIAM.	CONICAL OVERFLOW RACK		STRUCTURE EXCAVATION CLASS A INCL. HAUL	CRUSHED SURFACING BASE COURSE *		MEDIA FILTER DRAIN TYPE 1	MEDIA FILTER DRAIN TYPE 2		SEE GENERAL NOTES																
CODE	LOCATION < \ UNIT OF MEASURE >	EACH	EACH	L.F.		L.F.	L.F.		EACH		C.Y.	TON		L.F.	L.F.																		
D3-29	A 811+04.9 (46.0' RT) TO A 811+71.9 (42.1' RT)	1		68		68											1, 5, 12																
D3-30	A 811+71.9 (42.1' RT) TO A 811+79.8 (13.6' LT)	1		57		57		59.6									1, 5, 12																
D3-31	A 811+08.2 (62.7' RT) TO B 19+92.4 (51.3' LT)	1		112		112											1, 5, 8, 12																
D3-32	A 811+08.2 (62.7' RT) TO A 812+50.2 (45.0' RT)	1		144		144											1, 5, 12																
D3-33	A 812+50.2 (45.9' RT) TO A 813+15.5 (57.3' RT)			67		67											1, 5, 8, 9, 12																
D3	DETENTION POND											63																					
D3	PERMANENT BERM																																
D5-1	B 12+00.8 (30.3' LT) TO B 12+19.8 (30.3' LT)	1	X	19		19											2, 8, 12																
D5-2	B 12+19.8 (30.3' LT) TO B 13+01.2 (30.7' LT)	1		81		81											1, 5, 12																
D5-3	B 13+01.2 (30.7' LT) TO B 14+06.8 (34.1' LT)	1		106		106											1, 12																
D5-4	B 13+64.8 (35.4' RT) TO B 14+21.5 (45.5' LT)			99		99											12																
D5-5	B 15+50.4 (49.4' LT) TO B 15+72.0 (33.6' LT)		1	27			27										2, 5, 12																
D5-6	B 11+45.8 (25.6' RT) TO B 12+55.7' (35.8' RT)	1		110		110											1, 5, 8, 9, 12																
D5-7	B 12+55.7 (35.8' RT) TO B 13+64.8 (35.4' RT)		1	109		109											2, 5, 12																
D5-8	B 14+16.0 (35.2' RT) TO B 15+50.4 (35.6' RT)	1		136		136											1, 5, 12																
D5-9	B 13+64.8 (35.4' RT) TO B 15+51.2 (52.0' RT)		1	188		188											2, 5, 12																
D5-10	B 15+50.4 (35.6' RT) TO B 15+72.0 (33.6' LT)		1	73			73				1490	55					2, 5, 12																
D5	DETENTION VAULT																																
D6-1	B 20+75.6 (16.2' LT) TO B 22+44.9 (15.2' LT)	1		170		170											1, 5, 12																
D6-2	B 22+82.7 (27.5' LT) TO B 23+47.9 (16.3' LT)	X		67		67	10										1, 5, 12																
D6-3	B 20+74.7 (18.6' RT) TO B 22+01. (15.1' RT)	1		127		127											1, 5, 12																
D6-4	B 21+49.2 (30.3' LT) TO B 22+32.4 (29.2' LT)																5, 12																
SHEET TOTAL		11	5	1760		1660	100				1490	118																					
PROJECT TOTAL		25	7	3679		3579	100		1		1490	118		1462	1509																		
																	1. STANDARD PLAN B-5.20-00, CATCH BASIN TYPE 1																
																	2. STANDARD PLAN B-10.20-00, CATCH BASIN TYPE 2																
																	3. STANDARD PLAN B-10.40-00, CATCH BASIN TYPE 2 WITH FLOW RESTRICTOR. SEE SHEET DD3 FOR CONICAL OVERFLOW RACK DETAIL.																
																	4. STANDARD PLAN B-35.40-00, GRATE INLET TYPE 2. A FRAME AND DUAL VANED GRATE SHALL BE USED, SEE STANADARD PLAN B-40.40-00.																
																	5. SCHEDULE A PIPE SHALL BE CONSTRUCTED OF CORRUGATED POLYETHYLENE (PE), REFERENCE STANDARD SPECIFICATIONS 1-07.7(2) FOR SHALLOW COVER STANDARDS																
																	6. MEDIA FILTER DRAIN TYPE 1 (WITHOUT UNDERDRAIN), SEE SHEET DD1 FOR DETAIL																
																	7. MEDIA FILTER DRAIN TYPE 2 (WITH UNDERDRAIN), SEE SHEET DD1 FOR DETAIL																
																	8. STANDARD PLAN B-70.20-00, BEVELED END SECTIONS																
																	9. SEE SHEET DD1 FOR STORM SEWER OUTLET DETAIL																
																	10. SEE SHEET DD3 FOR UNDERDRAIN DETAIL.																
																	11. SEE SHEET DD3 FOR GEOMEMBRANE ANCHOR DETAIL. GEOMEMBRANE ANCHOR SHALL MATCH GEOSYNTHETIC CLAY LINER ANCHOR																
																	12. SELECT BORROW INCL. HAUL SHALL BE USED TO BACKFILL STORM SEWER PIPES																
																	FOR 75 CONCRETE PLANS ONLY																

STRUCTURE NOTES - DRAINAGE

NOTE: THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE. THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.																		STRUCTURE EXCAVATION CLASS B INCL. HAUL **	SHORING OR EXTRA EXCAVATION CLASS B**			GRAVEL BACKFILL FOR DRAIN	CONNECTION TO DRAINAGE STRUCTURE		CONSTRUCTION GEOTEXTILE FOR SEPARATION**	CONSTRUCTION GEOTEXTILE FOR UNDERGROUND DRAINAGE	GEOMEMBRANE ***							SEE GENERAL NOTES	GENERAL NOTES: * - Refer to sheets RP1-RP4, TCP1 and TPP2 for additional quantities. ** - Refer to sheets QTEC1-QTEC2 and AL1 for additional quantities. *** - Refer to sheets QTEC1-QTEC2 for additional quantities.	
CODE	LOCATION < \ UNIT OF MEASURE >		C.Y.	S.F.		C.Y.	EACH		S.Y.	S.Y.	S.Y.									1. STANDARD PLAN B-5.20-00, CATCH BASIN TYPE 1																
D3-29	A 811+04.9 (46.0' RT) TO A 811+71.9 (42.1' RT)		40																1, 5, 12	2. STANDARD PLAN B-10.20-00, CATCH BASIN TYPE 2																
D3-30	A 811+71.9 (42.1' RT) TO A 811+79.8 (13.6' LT)		25																1, 5, 12	3. STANDARD PLAN B-10.40-00, CATCH BASIN TYPE 2 WITH FLOW RESTRICTOR. SEE SHEET DD3 FOR CONICAL OVERFLOW RACK DETAIL.																
D3-31	A 811+08.2 (62.7' RT) TO B 19+92.4 (51.3' LT)		65	470															1, 5, 8, 12	4. STANDARD PLAN B-35.40-00, GRATE INLET TYPE 2. A FRAME AND DUAL VANED GRATE SHALL BE USED, SEE STANADARD PLAN B-40.40-00.																
D3-32	A 811+08.2 (62.7' RT) TO A 812+50.2 (45.0' RT)		109	810															1, 5, 12	5. SCHEDULE A PIPE SHALL BE CONSTRUCTED OF CORRUGATED POLYETHYLENE (PE), REFERENCE STANDARD SPECIFICATIONS 1-07.7(2) FOR SHALLOW COVER STANDARDS																
D3-33	A 812+50.2 (45.9' RT) TO A 813+15.5 (57.3' RT)		39	300															1, 5, 8, 9, 12	6. MEDIA FILTER DRAIN TYPE 1 (WITHOUT UNDERDRAIN), SEE SHEET DD1 FOR DETAIL																
D3	DETENTION POND		536																	7. MEDIA FILTER DRAIN TYPE 2 (WITH UNDERDRAIN), SEE SHEET DD1 FOR DETAIL																
D3	PERMANENT BERM																			8. STANDARD PLAN B-70.20-00, BEVELED END SECTIONS																
D5-1	B 12+00.8 (30.3' LT) TO B 12+19.8 (30.3' LT)		24	110			1												2, 8, 12	9. SEE SHEET DD1 FOR STORM SEWER OUTLET DETAIL																
D5-2	B 12+19.8 (30.3' LT) TO B 13+01.2 (30.7' LT)		51	350															1, 5, 12	10. SEE SHEET DD3 FOR UNDERDRAIN DETAIL.																
D5-3	B 13+01.2 (30.7' LT) TO B 14+06.8 (34.1' LT)		61	430															1, 12	11. SEE SHEET DD3 FOR GEOMEMBRANE ANCHOR DETAIL. GEOMEMBRANE ANCHOR SHALL MATCH GEOSYNTHETIC CLAY LINER ANCHOR																
D5-4	B 13+64.8 (35.4' RT) TO B 14+21.5 (45.5' LT)		105	810															12	12. SELECT BORROW INCL. HAUL SHALL BE USED TO BACKFILL STORM SEWER PIPES																
D5-5	B 15+50.4 (49.4' LT) TO B 15+72.0 (33.6' LT)		54	280															2, 5, 12																	
D5-6	B 11+45.8 (25.6' RT) TO B 12+55.7 (35.8' RT)		29																1, 5, 8, 9, 12																	
D5-7	B 12+55.7 (35.8' RT) TO B 13+64.8 (35.4' RT)		88	590															2, 5, 12																	
D5-8	B 14+16.0 (35.2' RT) TO B 15+50.4 (35.6' RT)		136	1020															1, 5, 12																	
D5-9	B 13+64.8 (35.4' RT) TO B 15+51.2 (52.0' RT)		208	1590															2, 5, 12																	
D5-10	B 15+50.4 (35.8' RT) TO B 15+72.0 (33.6' LT)		127	810															2, 5, 12																	
D5	DETENTION VAULT								470																											
D6-1	B 20+75.6 (16.2' LT) TO B 22+44.9 (15.2' LT)		172	1290															1, 5, 12																	
D6-2	B 22+82.7 (27.5' LT) TO B 23+47.9 (16.3' LT)		33	220															1, 5, 12																	
D6-3	B 20+74.7 (18.6' RT) TO B 22+01.4 (15.1' RT)		126	940															1, 5, 12																	
D6-4	B 21+49.2 (30.3' LT) TO B 22+32.4 (29.2' LT)		46	360															5, 12																	
SHEET TOTAL			2074	10380			1		470																											
PROJECT TOTAL			3530	20170		6	1		470	70	220																									
DESIGNED BY			M. GUNN				REGION NO.	STATE	FED. AID PROJ. NO.				Washington State Department of Transportation		SR 9			SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING		DSN 6																
ENTERED BY			M. GUNN				10	WASH												SHEET 67 OF 230 SHEETS																
CHECKED BY			J. KORESKI				JOB NUMBER																													
PROJ. ENGR.			S. SPAHR				10A042																													
REGION ADM.			L. ENG				CONTRACT NO.											STRUCTURE NOTES - DRAINAGE																		
DATE			DATE	REVISION		BY																														

LEGEND					
	WSDOT R/W		EXISTING CULVERT		BERM
	STREAM BUFFER		NEW CULVERT		EXISTING MANHOLE
	WETLAND BUFFER		EXISTING STORM SEWER PIPE		EXISTING CATCH BASIN
	WETLAND SYMBOL		NEW STORM SEWER PIPE		NEW GRATE INLET
	WETLAND BOUNDARY		NEW UNDERDRAIN LINE		NEW CATCH BASIN
	ORDINARY HIGH WATER MARK		EXISTING DITCH		
	NEW EDGE		NEW DITCH		DRAINAGE STRUCTURE NOTE
	EXISTING EDGE		MEDIA FILTER DRAIN		DRAINAGE CONTINUATION NOTE

LEGEND

WSDOT R/W	EXISTING CULVERT	BERM
STREAM BUFFER	NEW CULVERT	EXISTING MANHOLE
WETLAND BUFFER	EXISTING STORM SEWER PIPE	EXISTING CATCH BASIN
WETLAND SYMBOL	NEW STORM SEWER PIPE	NEW GRATE INLET
WETLAND BOUNDARY	NEW UNDERDRAIN LINE	NEW CATCH BASIN
ORDINARY HIGH WATER MARK	EXISTING DITCH	DRAINAGE STRUCTURE NOTE
NEW EDGE	NEW DITCH	DRAINAGE CONTINUATION NOTE
EXISTING EDGE	MEDIA FILTER DRAIN	

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

BEGIN PROJECT
SR 9
MP 25.75
STA A 794+50.00

TRIBUTARY TO PRAIRIE CREEK

795

SR 9

A LINE

WETLAND 1

WETLAND 4

MATCH LINE STA. A 798+50 SEE SHEET D2

FOR "AS CONSTRUCTED" PLANS ONLY

0 30 60
SCALE IN FEET

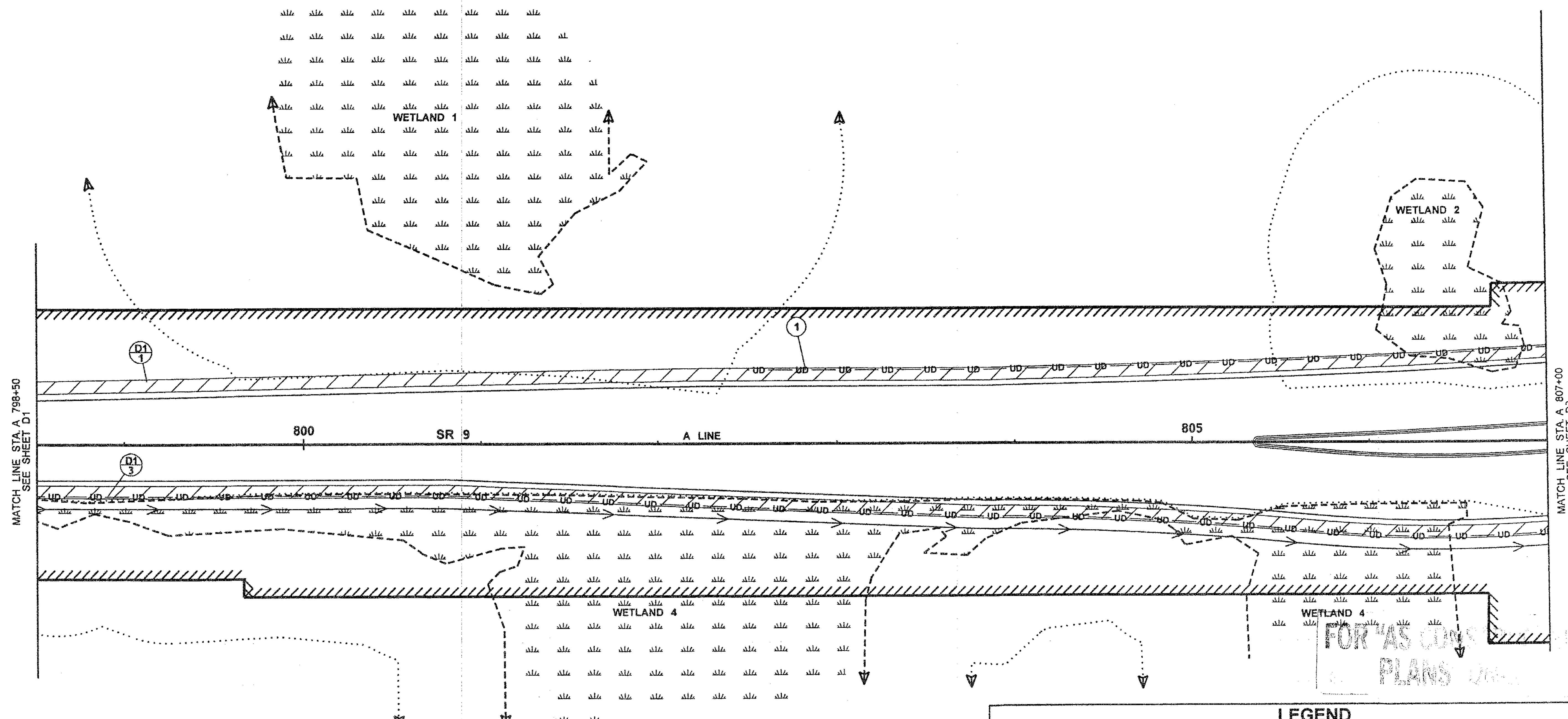
GENERAL NOTES:

1. REFER TO DD1 FOR MEDIA FILTER DRAIN DETAILS.
2. STORM SEWER PIPES SHALL BE CORRUGATED POLYPROPYLENE (PE). REFERENCE SECTION 1-07.7(2) FOR SHALLOW COVER STANDARDS.
3. REFER TO DD2 - DD5 FOR DETENTION POND AND DETENTION VAULT DETAILS.

1. REFER TO DD1 FOR MEDIA FILTER DRAIN DETAILS.
2. STORM SEWER PIPES SHALL BE CORRUGATED POLYPROPYLENE (PE).
REFERENCE SECTION 1-07.7(2) FOR SHALLOW COVER STANDARDS.
3. REFER TO DD2 - DD5 FOR DETENTION POND AND DETENTION VAULT DETAILS.

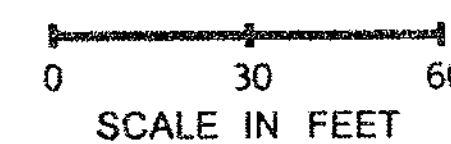
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T. 31N. R. 5E. W.M.



GENERAL NOTES:

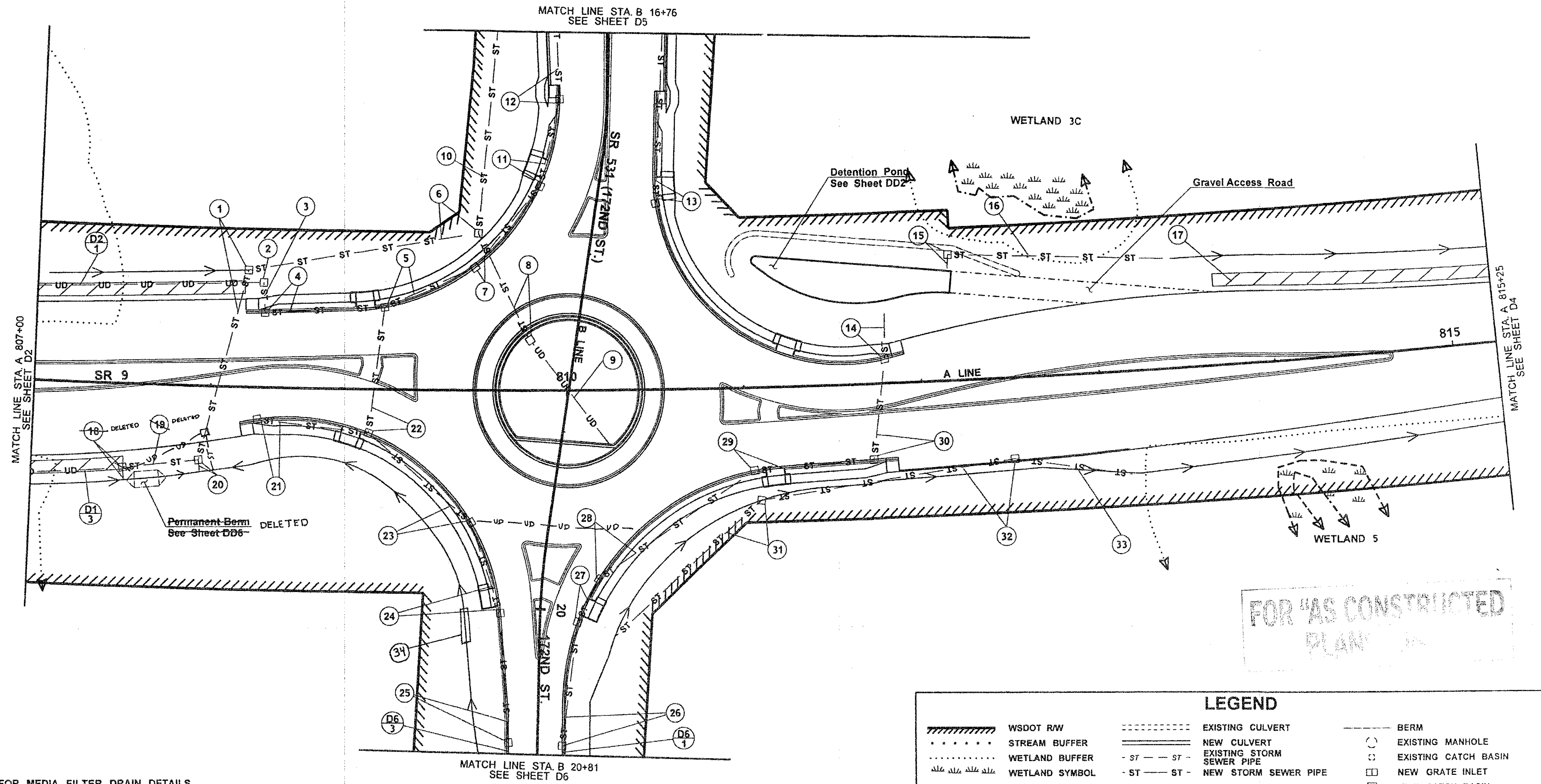
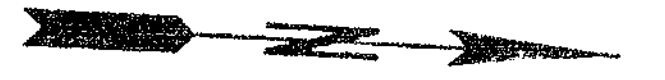
1. REFER TO DD1 FOR MEDIA FILTER DRAIN DETAILS.
2. STORM SEWER PIPES SHALL BE CORRUGATED POLYPROPYLENE (PE).
REFERENCE SECTION 1-07.7(2) FOR SHALLOW COVER STANDARDS.
3. REFER TO DD2 - DD5 FOR DETENTION POND AND DETENTION VAULT DETAILS.



LEGEND			
	WSDOT R/W		EXISTING CULVERT
	STREAM BUFFER		NEW CULVERT
	WETLAND BUFFER		EXISTING STORM SEWER PIPE
	WETLAND SYMBOL		NEW STORM SEWER PIPE
	WETLAND BOUNDARY		NEW UNDERDRAIN LINE
	ORDINARY HIGH WATER MARK		EXISTING DITCH
	NEW EDGE		NEW DITCH
	EXISTING EDGE		MEDIA FILTER DRAIN
	BERM		EXISTING MANHOLE
	EXISTING CATCH BASIN		NEW GRATE INLET
	NEW CATCH BASIN		DRAINAGE STRUCTURE NOTE
	DRAINAGE CONTINUATION NOTE		

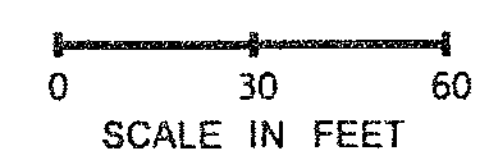
FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CADIPS&ESheets\XL3325 PS_DRAINAGE.dgn				REGION NO. 10 STATE WASH		FED.AID PROJ.NO.				Washington State Department of Transportation		SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING		Plot 2	
TIME 9:05:12 AM		DATE 9/20/2011		JOB NUMBER 10A042		CONTRACT NO.								PLAN REF NO D2	
PLOTTED BY solwolk														SHEET 69 OF 230 SHEETS	
DESIGNED BY M. GUNN															
ENTERED BY K.SOLWOLD															
CHECKED BY J. KORESKI															
PROJ. ENGR. S.SPAHR															
REGIONAL ADM. L. ENG															
		REVISION		DATE		BY									

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

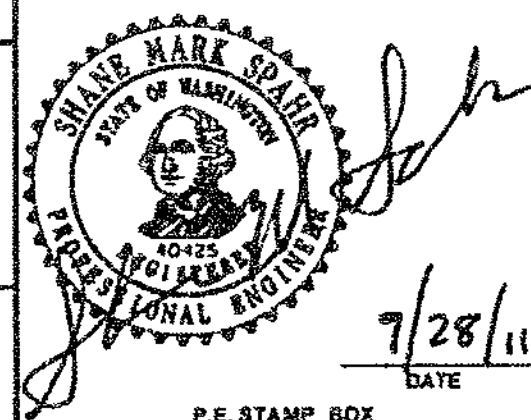


- GENERAL NOTES:
1. REFER TO DD1 FOR MEDIA FILTER DRAIN DETAILS.
 2. STORM SEWER PIPES SHALL BE CORRUGATED POLYPROPYLENE (PE).
REFERENCE SECTION 1-07.7(2) FOR SHALLOW COVER STANDARDS.
 3. REFER TO DD2 - DD5 FOR DETENTION POND AND DETENTION VAULT DETAILS.

FILE NAME	I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325_PS_DRAINAGE.dgn	REGION NO.	STATE	FED.AID PROJ.NO.
TIME	3:51:10 PM	10	WASH	
DATE	9/28/2011			
PLOTTED BY	gunnm	JOB NUMBER		
DESIGNED BY	M. GUNN	10A042		
ENTERED BY	K.SOLWOLD	CONTRACT NO.		
CHECKED BY	J. KORESKI	LOCATION NO.		
PROJ. ENGR.	S.SPAHR			
REGIONAL ADM.	L. ENG	REVISION	DATE	BY

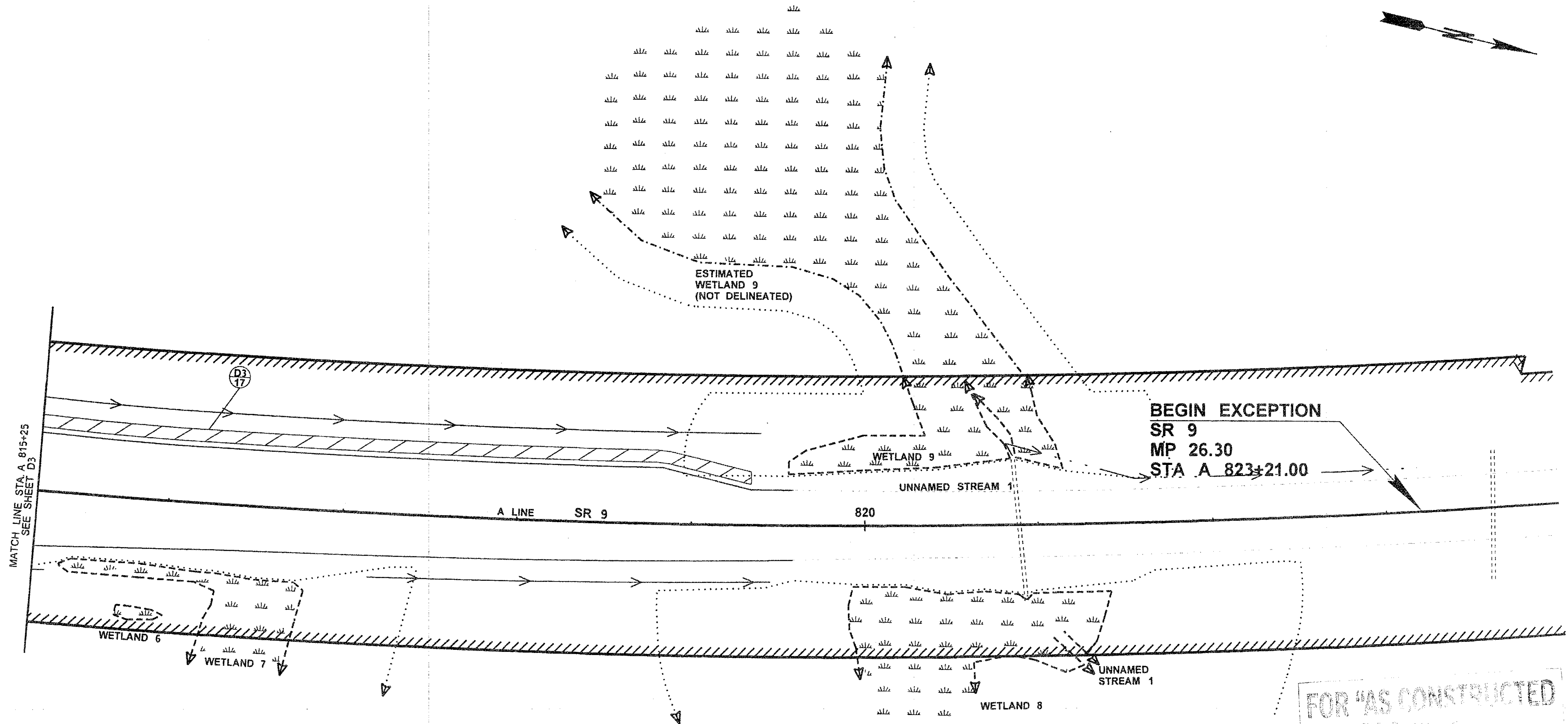


LEGEND			
	WSDOT RW		EXISTING CULVERT
	STREAM BUFFER		NEW CULVERT
	WETLAND BUFFER		EXISTING STORM SEWER PIPE
	WETLAND SYMBOL		NEW STORM SEWER PIPE
	WETLAND BOUNDARY		NEW UNDERDRAIN LINE
	ORDINARY HIGH WATER MARK		EXISTING DITCH
	NEW EDGE		NEW DITCH
	EXISTING EDGE		MEDIA FILTER DRAIN
	BERM		EXISTING MANHOLE
	EXISTING CATCH BASIN		NEW GRATE INLET
	NEW CATCH BASIN		DRAINAGE STRUCTURE NOTE
	DRAINAGE CONTINUATION NOTE		



SR 9	Plot 3
SR 531/172ND ST NE & EAGLEFIELD DR	PLAN REF NO
INTERSECTION IMPROVEMENT & PAVING	D3
DRAINAGE PLAN	SHEET 70 OF 230 SHEETS

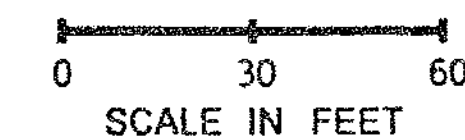
T. 31N. R. 5E. W.M.



FOR "AS CONSTRUCTED" PLANS ONLY

GENERAL NOTES:

1. REFER TO DD1 FOR MEDIA FILTER DRAIN DETAILS.
2. STORM SEWER PIPES SHALL BE CORRUGATED POLYPROPYLENE (PE). REFERENCE SECTION 1-07.7(2) FOR SHALLOW COVER STANDARDS.
3. REFER TO DD2 - DD5 FOR DETENTION POND AND DETENTION VAULT DETAILS.



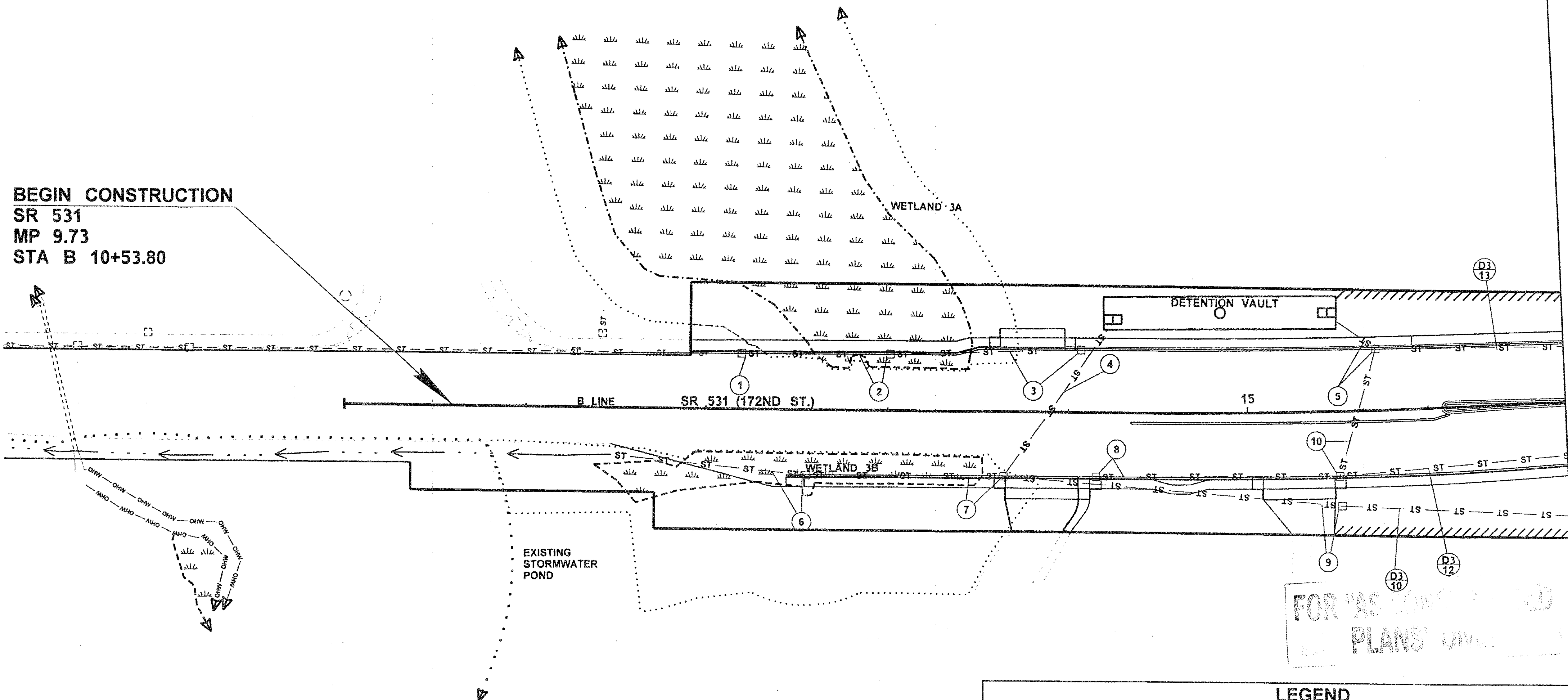
LEGEND			
	WSDOT RW		EXISTING CULVERT
	STREAM BUFFER		NEW CULVERT
	WETLAND BUFFER		EXISTING STORM SEWER PIPE
	WETLAND SYMBOL		NEW STORM SEWER PIPE
	WETLAND BOUNDARY		NEW UNDERDRAIN LINE
	ORDINARY HIGH WATER MARK		EXISTING DITCH
	NEW EDGE		NEW DITCH
	EXISTING EDGE		MEDIA FILTER DRAIN
	BERM		EXISTING MANHOLE
			EXISTING CATCH BASIN
			NEW GRATE INLET
			NEW CATCH BASIN
			DRAINAGE STRUCTURE NOTE
			DRAINAGE CONTINUATION NOTE

FILE NAME I:\Projects\XL3325_SR9_SR531_172nd St NE in\CAD\PS&ESheets\XL3325_PS_DRAINAGE.dgn		REGION NO. 10 STATE WASH		FED.AID PROJ.NO.				SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING		Plot 4	
TIME 1:31:37 PM	DATE 9/22/2011	JOB NUMBER 10A042		LOCATION NO.						PLAN REF NO D4	
PLOTTED BY gunnm	DESIGNED BY M. GUNN									SHEET 71 OF 230 SHEETS	
ENTERED BY K.SOLWOLD	CHECKED BY J. KORESKI										
PROJ. ENGR. S.SPAHR	REGIONAL ADM. L. ENG	REVISION	DATE	BY					DRAINAGE PLAN		

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

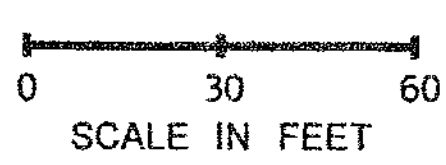


BEGIN CONSTRUCTION
SR 531
MP 9.73
STA B 10+53.80



FOR AS SHOWN IN
PLANS ONLY

- GENERAL NOTES:
- 1. REFER TO DD1 FOR MEDIA FILTER DRAIN DETAILS.
 - 2. STORM SEWER PIPES SHALL BE CORRUGATED POLYPROPYLENE (PE).
REFERENCE SECTION 1-07.7(2) FOR SHALLOW COVER STANDARDS.
 - 3. REFER TO DD2 - DD5 FOR DETENTION POND AND DETENTION VAULT DETAILS.



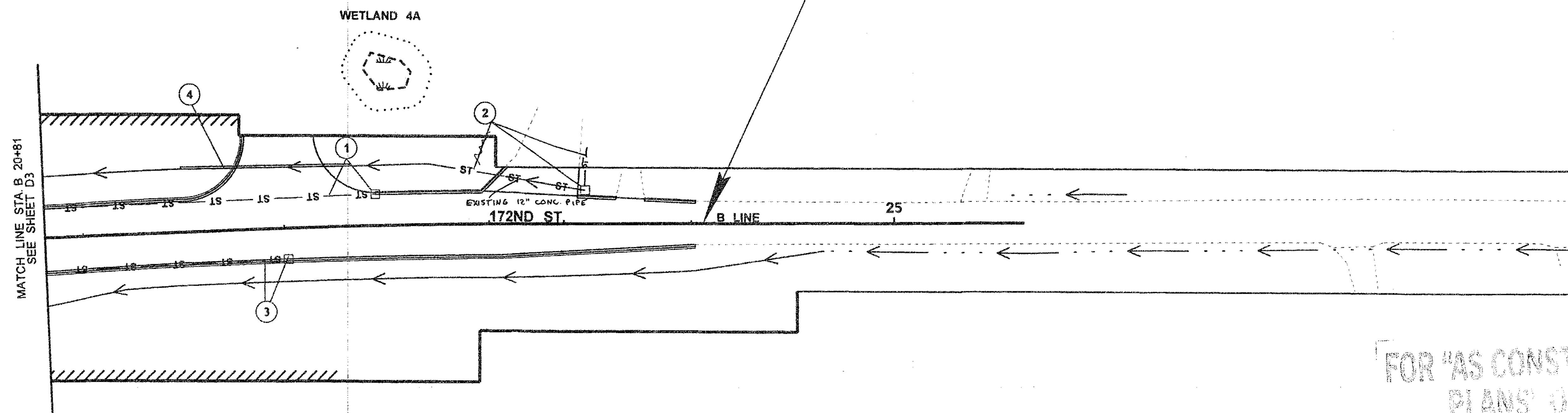
LEGEND			
	WSDOT R/W		EXISTING CULVERT
	STREAM BUFFER		NEW CULVERT
	WETLAND BUFFER		EXISTING STORM SEWER PIPE
	WETLAND SYMBOL		NEW STORM SEWER PIPE
	WETLAND BOUNDARY		NEW UNDERDRAIN LINE
	ORDINARY HIGH WATER MARK		EXISTING DITCH
	NEW EDGE		NEW DITCH
	EXISTING EDGE		MEDIA FILTER DRAIN
	BERM		EXISTING MANHOLE
	EXISTING CATCH BASIN		NEW GRATE INLET
	NEW CATCH BASIN		DRAINAGE STRUCTURE NOTE
	DRAINAGE CONTINUATION NOTE		

FILE NAME		I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS DRAINAGE.dgn		REGION NO.		STATE		FED.AID PROJ.NO.				Washington State Department of Transportation		SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING		Plot 5	
TIME		1:07:54 PM		10		WASH		PLAN REF NO								D5	
DATE		9/22/2011														SHEET 72 OF 230 SHEETS	
PLOTTED BY		gunnm															
DESIGNED BY		M. GUNN															
ENTERED BY		K.SOLWOLD															
CHECKED BY		J. KORESKE															
PROJ. ENGR.		S.SPAHR															
REGIONAL ADM.		L. ENG															
		REVISION		DATE		BY											

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



END CONSTRUCTION
172ND ST.
STA B 24+02.00



FOR "AS CONSTRUCTED"
PLANS ONLY

GENERAL NOTES:

1. REFER TO DD1 FOR MEDIA FILTER DRAIN DETAILS.
2. STORM SEWER PIPES SHALL BE CORRUGATED POLYPROPYLENE (PE).
REFERENCE SECTION 1-07.7(2) FOR SHALLOW COVER STANDARDS.
3. REFER TO DD2 - DD5 FOR DETENTION POND AND DETENTION VAULT DETAILS.

0 30 60
SCALE IN FEET

LEGEND

	WSDOT R/W		EXISTING CULVERT		BERM
	STREAM BUFFER		NEW CULVERT		EXISTING MANHOLE
	WETLAND BUFFER		EXISTING STORM SEWER PIPE		EXISTING CATCH BASIN
	WETLAND SYMBOL		NEW STORM SEWER PIPE		NEW GRATE INLET
	WETLAND BOUNDARY		NEW UNDERDRAIN LINE		NEW CATCH BASIN
	ORDINARY HIGH WATER MARK		EXISTING DITCH		DRAINAGE STRUCTURE NOTE
	NEW EDGE		NEW DITCH		DRAINAGE CONTINUATION NOTE
	EXISTING EDGE		MEDIA FILTER DRAIN		

FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS DRAINAGE.dgn

TIME 9:05:17 AM

DATE 9/20/2011

PLOTTED BY solwolk

DESIGNED BY M.GUNN

ENTERED BY K.SOLWOLD

CHECKED BY J.KORESKE

PROJ. ENGR. S.SPAHR

REGIONAL ADM. LENG

REVISION

DATE

BY

REGION NO. STATE

10 WASH

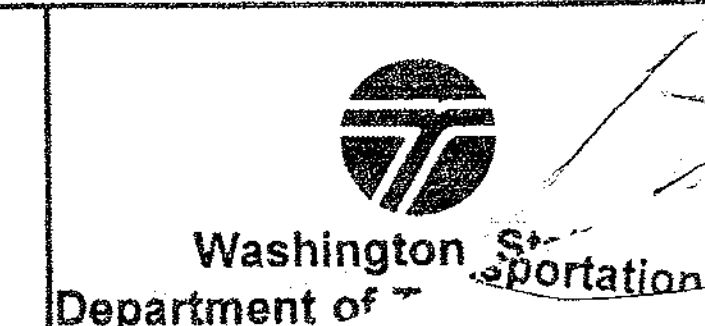
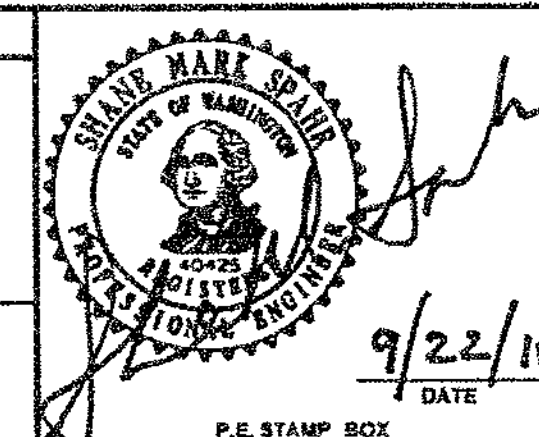
JOB NUMBER

10A042

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.



SR 9
SR 531/172ND ST NE & EAGLEFIELD DR
INTERSECTION IMPROVEMENT & PAVING
DRAINAGE PLAN

Plot 6

PLAN REF NO

D6

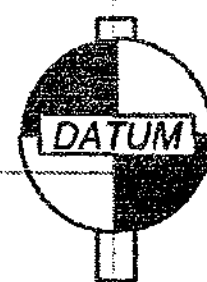
SHEET

73

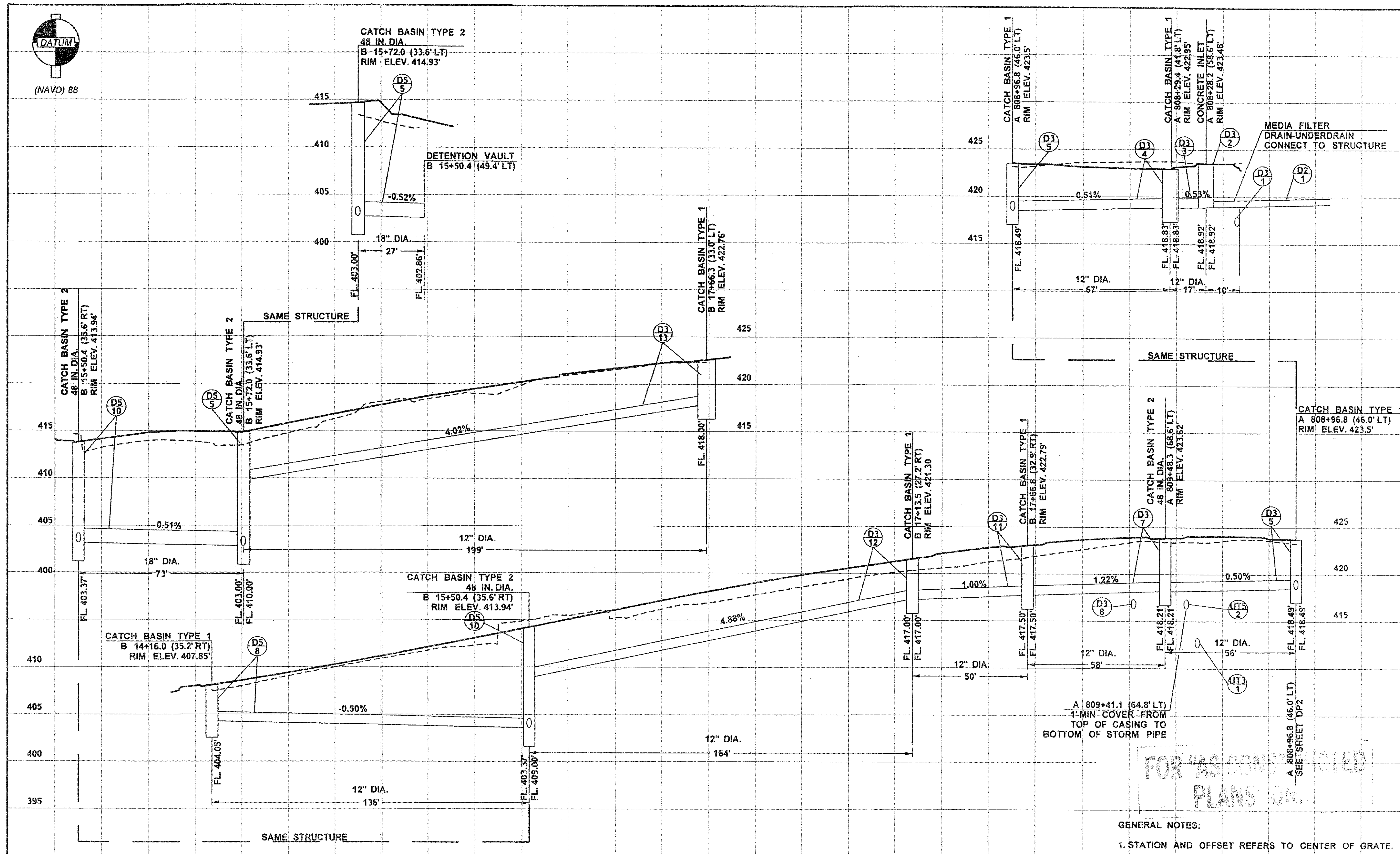
OF

230

SHEETS

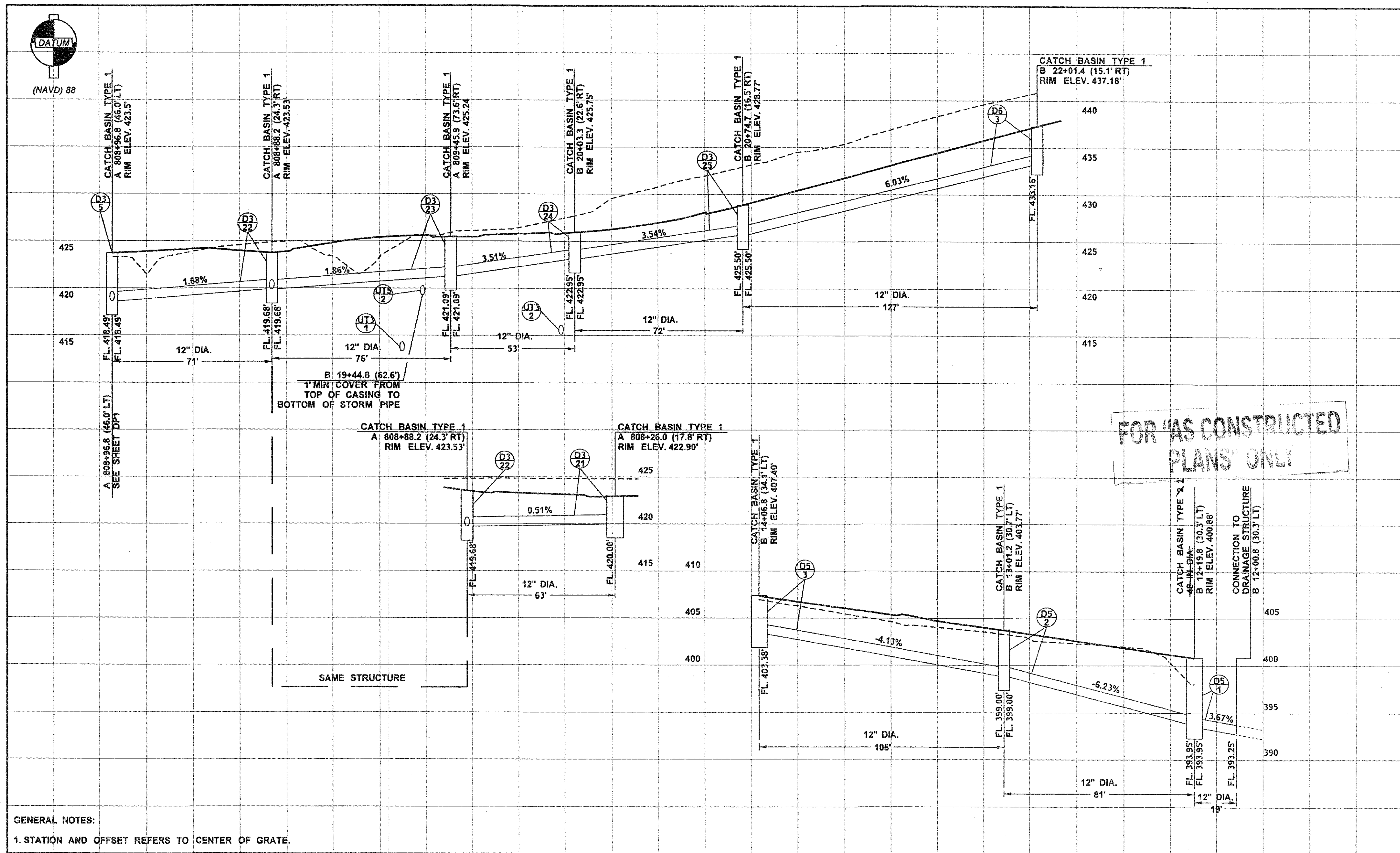


(NAVD) 88

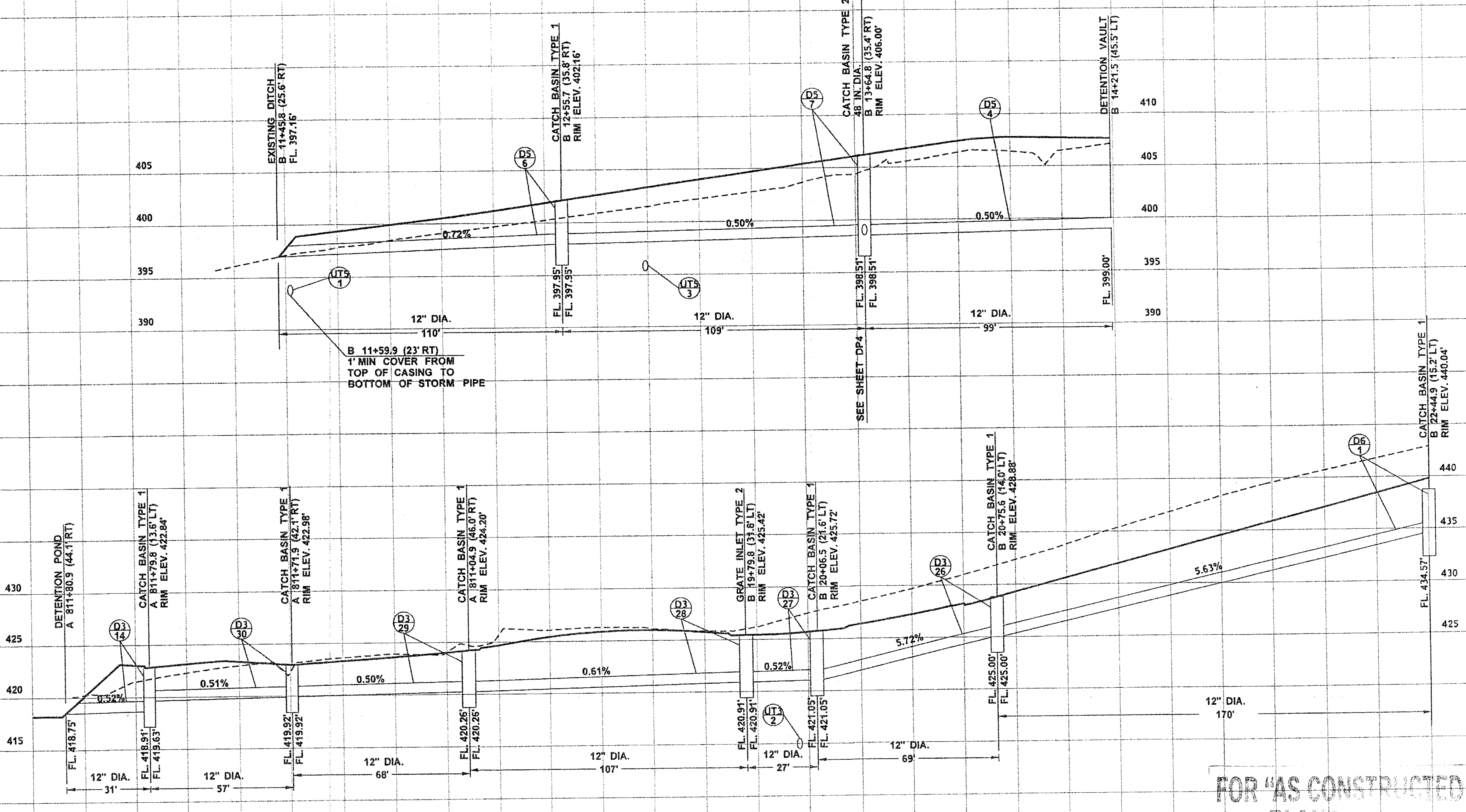
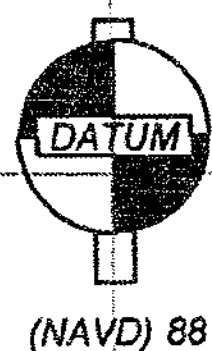


GENERAL NOTES:
1. STATION AND OFFSET REFERS TO CENTER OF GRATE.

FILE NAME	I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS DRAINAGE PROFILES.dgn	REGION NO.	STATE	FED.AID PROJ.NO.			SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING	Plot 1 PLAN REF. NO. DP1
TIME	8:57:35 AM	10	WASH					
DATE	9/20/2011	JOB NUMBER	10A042					
PLOTTED BY	solwolk	CONTRACT NO.						
DESIGNED BY	M. GUNN	LOCATION NO.						
ENTERED BY	K.SOLWOLD							
CHECKED BY	J. KORESKI							
PROJ. ENGR.	S. SPAHR							
REGIONAL ADM.	L. ENG	REVISION	DATE	BY				



FILE NAME: I:\Projects\13325_SR9 SR531 172nd St NE InCADIPS&ESheets\13325 PS DRAINAGE_PROFILES.dgn		REGION NO. 10		STATE WASH	FED.AID PROJ.NO.			SR 9	SR 531/172ND ST NE & EAGLEFIELD DR	INTERSECTION IMPROVEMENT & PAVING	DRAINAGE PROFILE	Plot 2 PLAN REF. NO. DP2 SHEET 75 OF 230 SHEETS
TIME: 8:57:36 AM	DATE: 9/20/2011	DESIGNED BY: M. GUNN	ENTERED BY: K. SOLWOLD	CHECKED BY: J. KORESKI	PROJ. ENGR: S. SPAHR							
PLOTTED BY: solwolk		REVISION		DATE	BY	P.E. STAMP BOX DATE: 9/22/11		P.E. STAMP BOX DATE:				



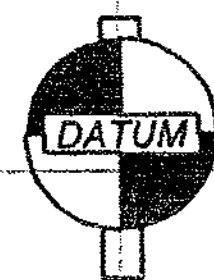
FOR "AS CONSTRUCTED
PLANS" ONLY

GENERAL NOTES:
1. STATION AND OFFSET REFERS TO CENTER OF GRATE.

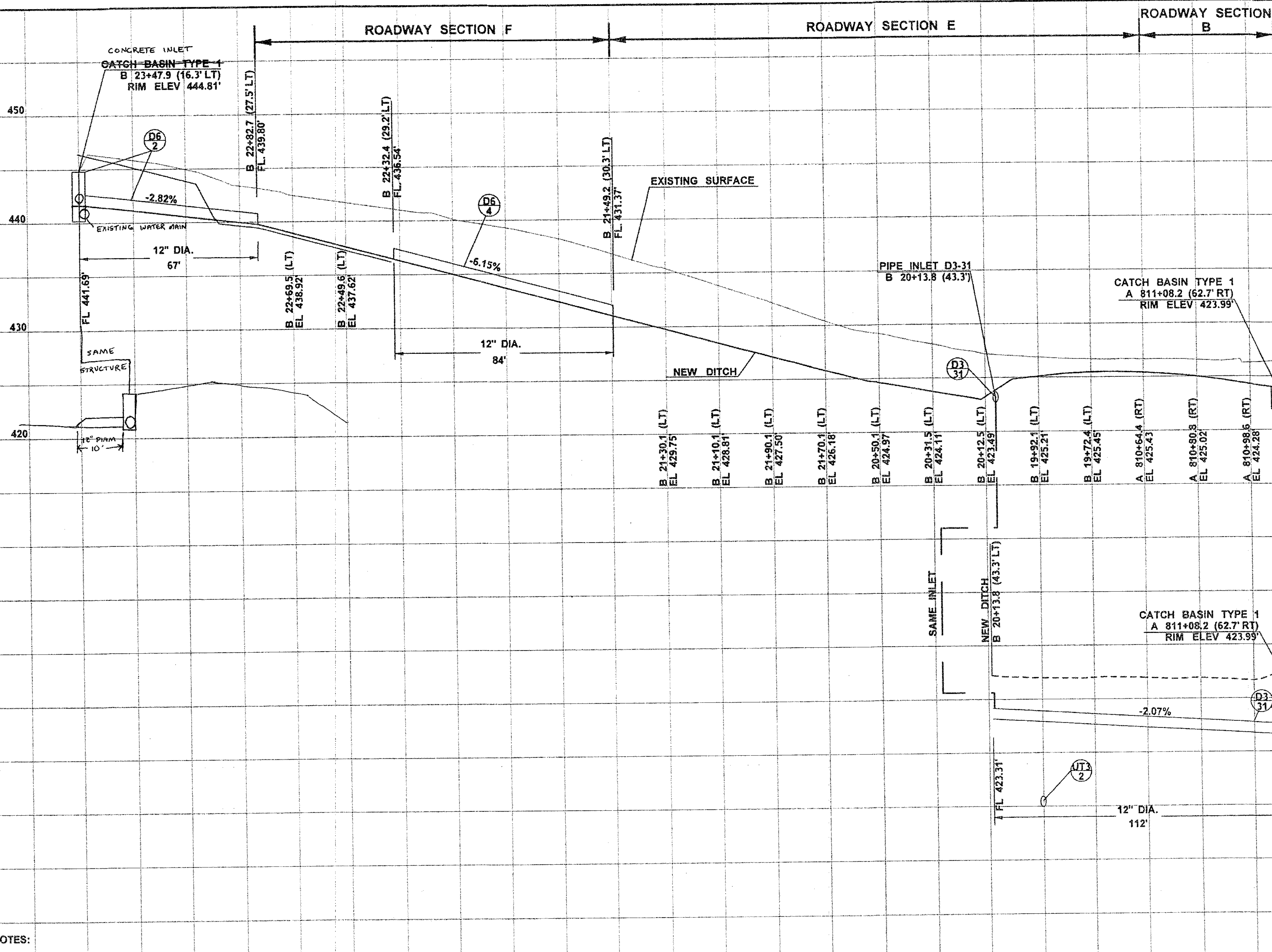
FILE NAME I:\Projects\13325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\13325 PS DRAINAGE PROFILES.dgn				REGION NO. 10		STATE WASH		FED.AID PROJ.NO.				Washington State Department of Transportation		SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING		Plot 3			
TIME 8:57:38 AM		DATE 9/20/2011		JOB NUMBER 10A042		LOCATION NO.		PLAN REF. NO. DP3											
PLOTTED BY solwolk		DESIGNED BY M. GUNN		ENTERED BY K.SOLWOLD		CHECKED BY J. KORESKI		PROJ. ENGR. S. SPAHR		REGIONAL ADM. L. ENG		REVISION		DATE		BY		SHEET 76 OF 230 SHEETS	



FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS\ESheets\XL3325 PS DRAINAGE PROFILES.dgn				REGION NO. 10		STATE WASH		FED.AID PROJ.NO.		 WASHINGTON STATE Department of Transportation		SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING		Plot 4 PLAN REF. NO. DP4	
TIME 8:57:39 AM				JOB NUMBER 10A042		CONTRACT NO.		LOCATION NO.				SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING		SHEET 77 OF 230 SHEETS	
DATE 9/20/2011				DATE 9/22/11						DRAINAGE PROFILE					
PLOTTED BY solwolk															
DESIGNED BY M. GUNN															
ENTERED BY K.SOLWOLD															
CHECKED BY J. KORESKE															
PROJ. ENGR. S. SPAHR															
REGIONAL ADM. I. ENG															
REVISION				DATE		BY									



(NAVD) 88 450



GENERAL NOTES:

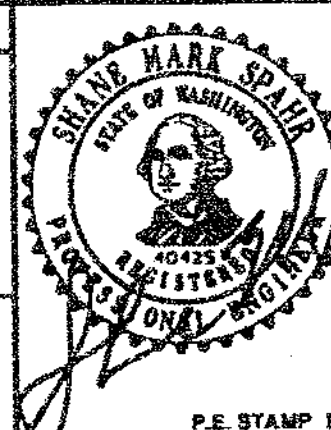
1. STATION AND OFFSET REFERS TO CENTER OF GRATE.

FILE NAME	I:\Projects\XL3325_SR9 SR531 172nd St NE IntCAD\PS&ESheets\XL3325_PS DRAINAGE PROFILES.dgn
TIME	8:57:40 AM
DATE	9/20/2011
PLOTTED BY	solwolk
DESIGNED BY	M. GUNN
ENTERED BY	K. SOLWOLD
CHECKED BY	J. KORESKI
PROJ. ENGR.	S. SPAHR
REGIONAL ADM.	L. ENG
REVISION	
DATE	
BY	

REGION NO.
10
STATE
WASH
JOB NUMBER
10A042
CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.



P.E. STAMP BOX

P.E. STAMP BOX

DATE

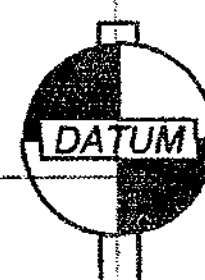
Washington State
Department of Transportation

SR 9
SR 531/172ND ST NE & EAGLEFIELD DR
INTERSECTION IMPROVEMENT & PAVING

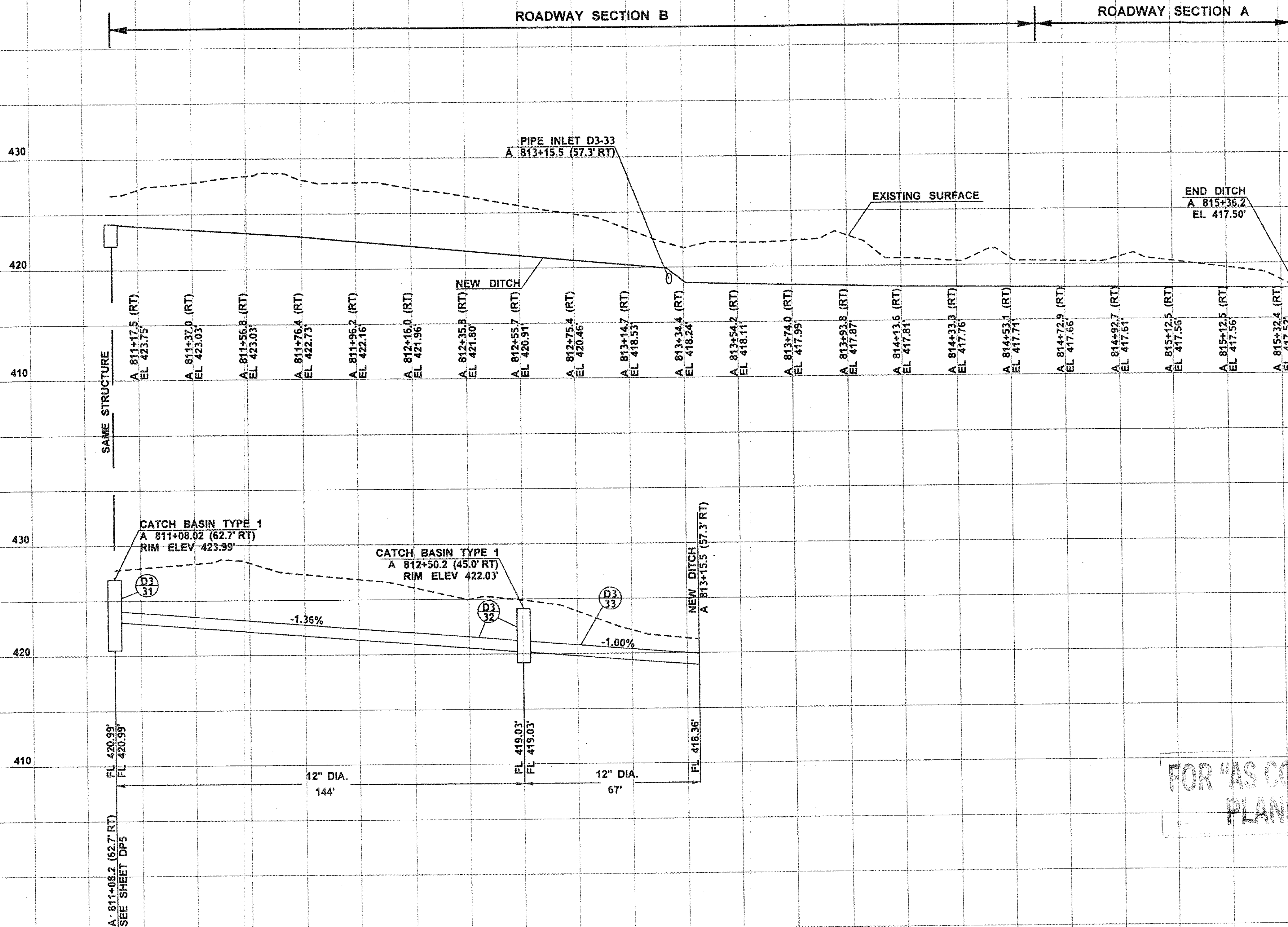
DRAINAGE PROFILE

Plot 5
PLAN REF. NO.
DP5

SHEET
78
OF
230
SHEETS



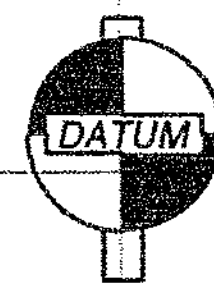
(NAVD) 88



FOR 'AS CONSTRUCTED'
PLANS ONLY

GENERAL NOTES:
1. STATION AND OFFSET REFERS TO CENTER OF GRATE.

FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE IntCAD\PS&ESheets\XL3325 PS DRAINAGE PROFILES.dgn		REGION NO. 10		STATE WASH	FED.AID PROJ.NO.		DATE 9/22/11	P.E. STAMP BOX	DATE	P.E. STAMP BOX	Washington State Department of Transportation	SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING	DRAINAGE PROFILE	Plot 6 PLAN REF. NO. DP6 SHEET 79 OF 230 SHEETS
TIME 8:57:41 AM	DATE 9/20/2011	DESIGNED BY M. GUNN	ENTERED BY K. SOLWOLD	CHECKED BY J. KORESKI	PROJ. ENGR. S. SPAHR									



(NAVD) 88

ROADWAY SECTION A

BEGIN DITCH

EXISTING SURFACE

NEW DITCH

SAME DITCH

ROADWAY SECTION A

ROADWAY SECTION B

EXISTING SURFACE

PERMANENT BERM
SEE DD6

NEW DITCH

FOR 'AS CONSTRUCTED
PLANS ONLY

MATCH TO SHEET DP8
A 809+13.3

GENERAL NOTES:

1. STATION AND OFFSET REFERS TO CENTER OF GRATE.

FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS DRAINAGE PROFILES.dgn

TIME 8:57:43 AM

DATE 9/20/2011

PLOTTED BY solwolk

DESIGNED BY M. GUNN

ENTERED BY K. SOLWOLD

CHECKED BY J. KORESKI

PROJ. ENGR. S. SPAHR

REGIONAL ADM. L. ENG

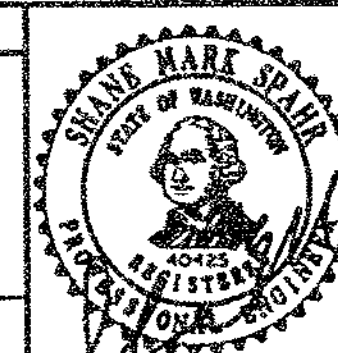
REGION NO. 10
STATE WASH

JOB NUMBER
10A042

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.



P.E. STAMP BOX

P.E. STAMP BOX



SR 9
SR 531/172ND ST NE & EAGLEFIELD DR
INTERSECTION IMPROVEMENT & PAVING

DRAINAGE PROFILE

Plot 7

PLAN REF. NO.

DP7

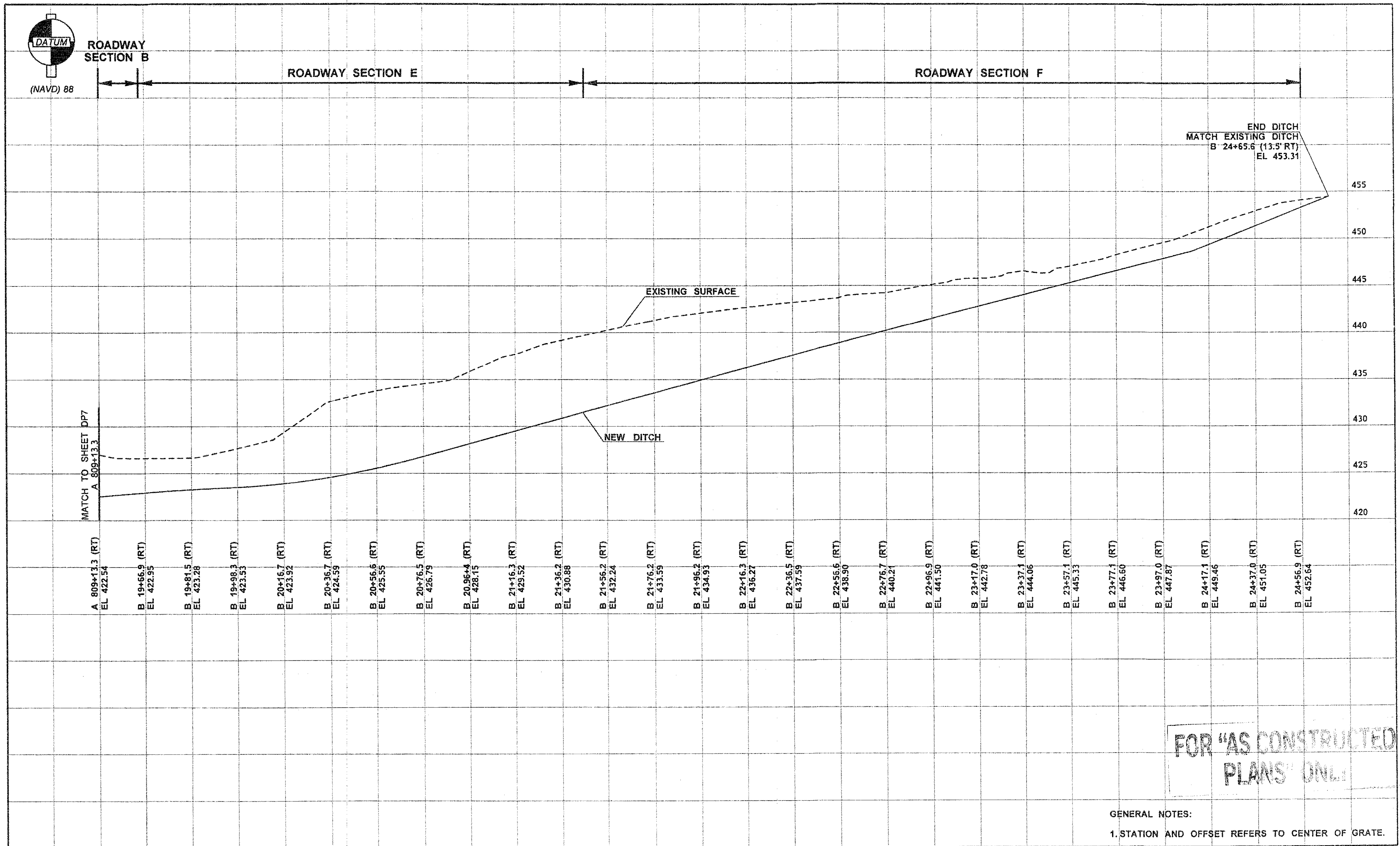
SHEET

80

OF

230

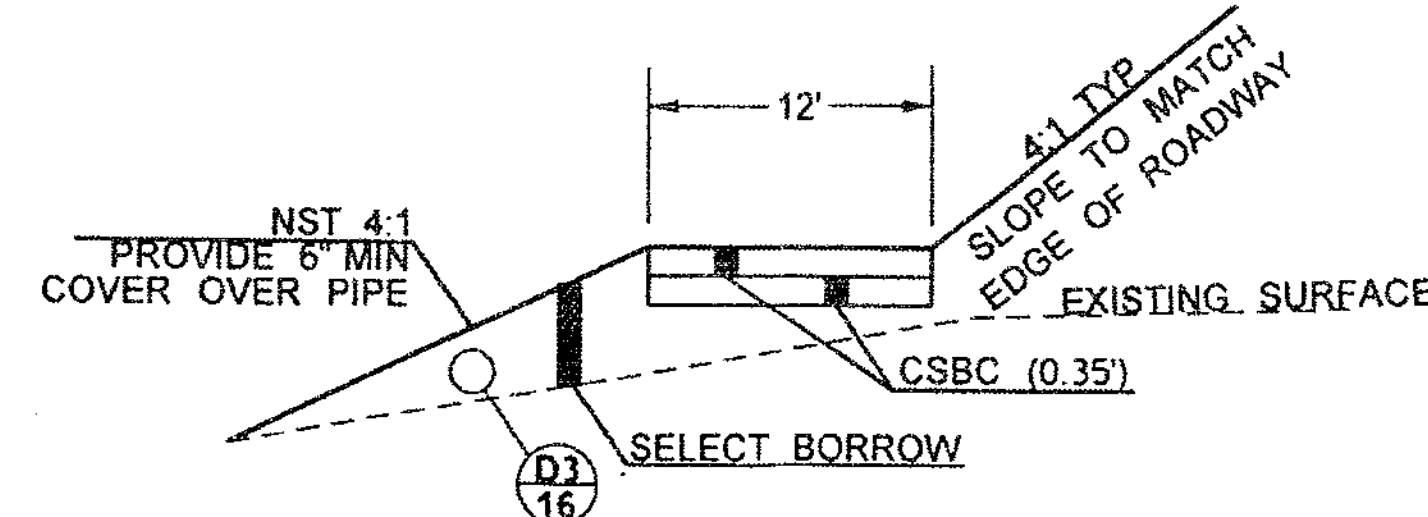
SHEETS



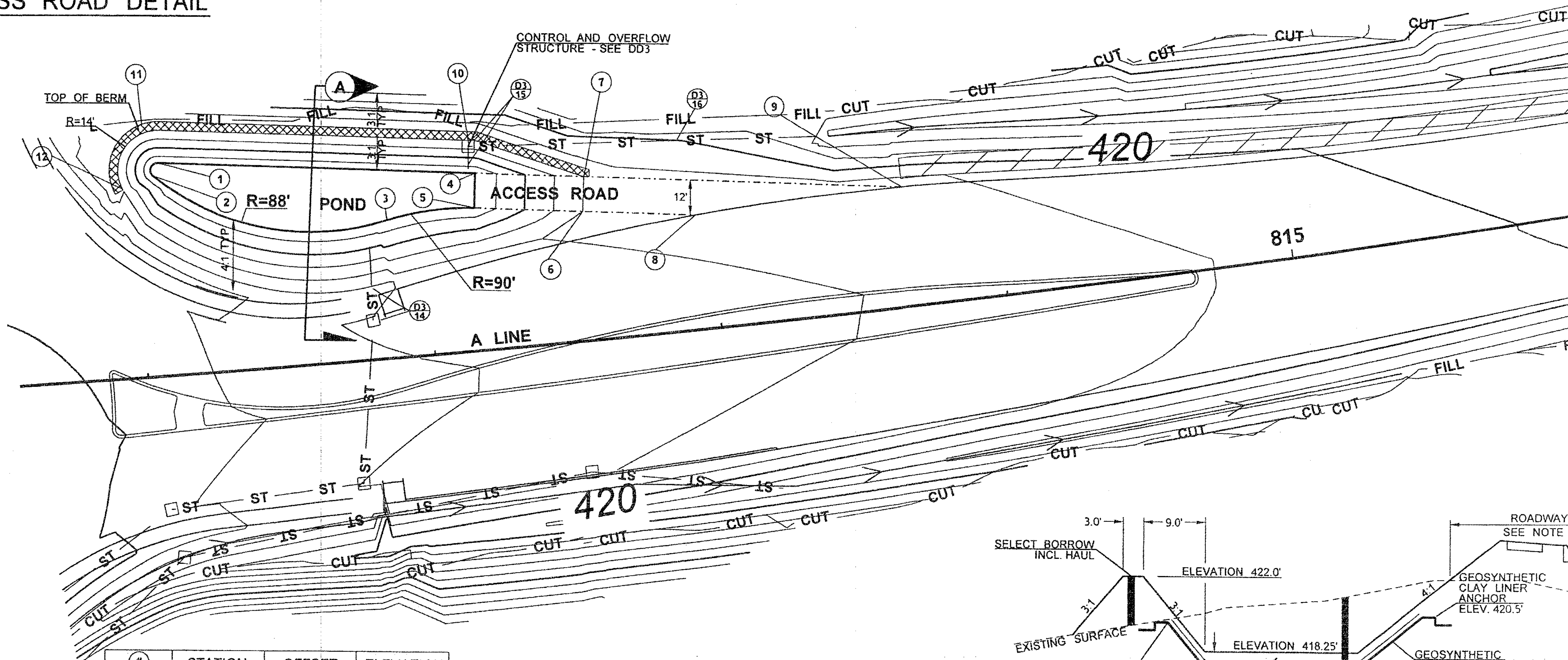
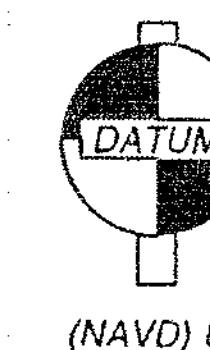
FOR "AS CONSTRUCTED
PLANS" ONLY

GENERAL NOTES:
1. STATION AND OFFSET REFERS TO CENTER OF GRATE.

FILE NAME: I:\Projects\13325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\13325_PS_DRAINAGE_PROFILES.dgn				REGION NO. 10 STATE WASH		FED.AID PROJ.NO.				SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING DRAINAGE PROFILE	Plot 8 PLAN REF. NO. DP8 SHEET 81 OF 230 SHEETS
TIME: 8:57:44 AM				CONTRACT NO.		LOCATION NO.					
DATE: 9/20/2011				JOB NUMBER 10A042		DATE 9/22/11					
PLOTTED BY: solwoik				DATE		DATE					
DESIGNED BY: M. GUNN				REGIONAL ADM. L. ENG		REVISION		DATE		BY	
ENTERED BY: K. SOLWOLD											
CHECKED BY: J. KORESKI											
PROJ. ENGR. S. SPAHR											



ACCESS ROAD DETAIL



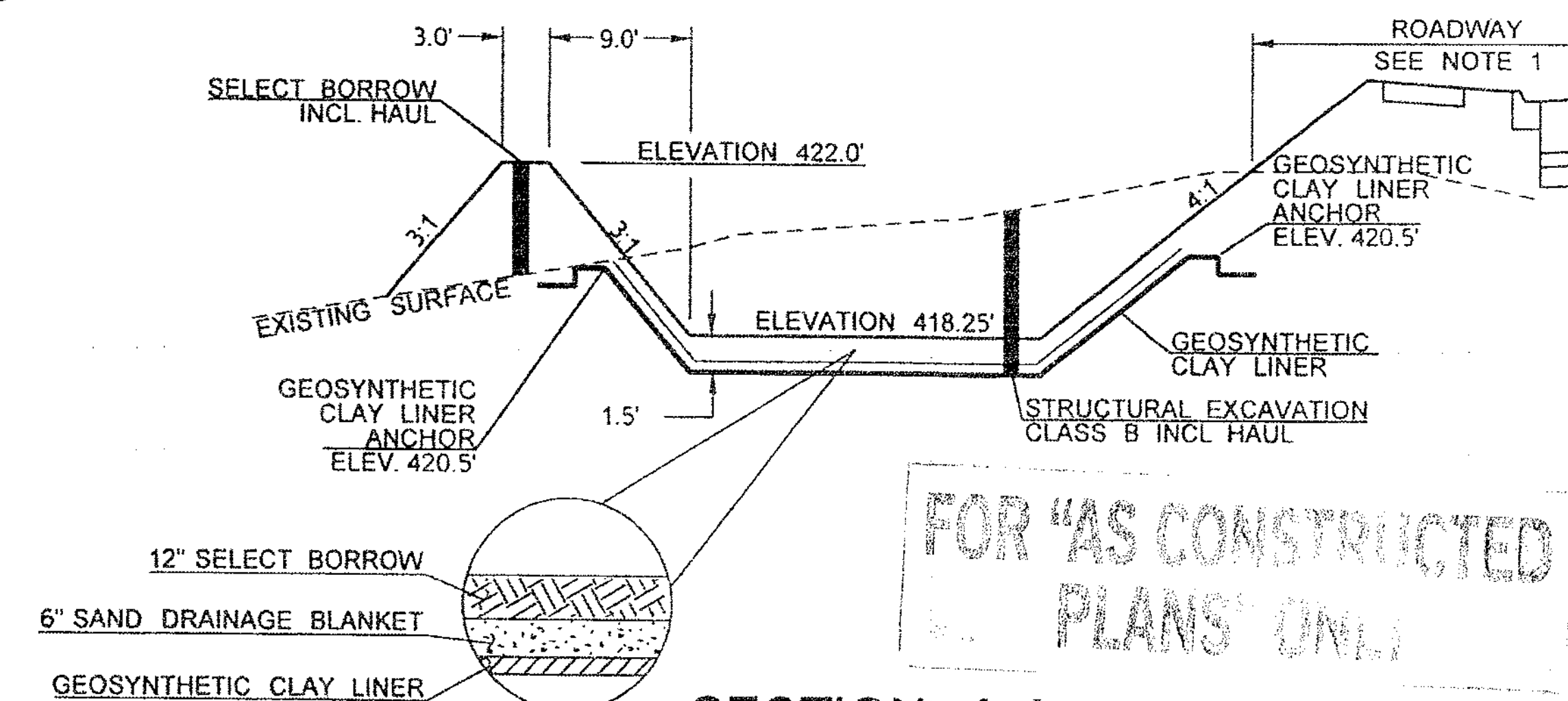
LEGEND

	BERM
	MEDIA FILTER DRAIN
	NEW DITCH
	WSDOT R/W
	NEW CURB
	NEW WHITE WIDE LINE
	NEW EDGE LINE
	NEW LINE LANE WHITE
	EXISTING LANE LINE
	EXISTING WHITE EDGE LINE
	EXISTING PAVED EDGE
	EXISTING GUARDRAIL
	EXISTING CURB

#	STATION	OFFSET	ELEVATION
1	A 811+08.7	73.3' LT	418.25'
2	A 811+06.7	69.0' LT	418.25'
3	A 811+87.8	47.6' LT	418.25'
4	A 812+19.7	61.0' LT	418.25'
5	A 812+18.2	49.1' LT	418.25'
6	A 812+55.7	44.5' LT	422.00'
7	A 812+57.3	56.4' LT	422.00'
8	A 812+95.0	39.4' LT	421.68'
9	A 813+68.0	41.2' LT	421.17'
10	A 812+20.2	72.3' LT	422.00'
11	A 811+09.9	84.5' LT	422.00'
12	A 810+96.3	64.2' LT	422.00'

GENERAL NOTES:

1. SEE PD4 AND ROADWAY SECTIONS FOR ROADWAY DETAILS.
2. SEE DD3 FOR OVERFLOW DETAILS.
3. SEE DD3 FOR GEOSYNTHETIC CLAY LINER ANCHOR DETAIL.



SECTION A-A

0 20 40
SCALE IN FEET

FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS DRAINAGE DETAIL.dgn

TIME 9:07:47 AM

DATE 9/20/2011

PLOTTED BY gunnm

DESIGNED BY M. GUNN

ENTERED BY K. SOLWOLD

CHECKED BY J. KORESKE

PROJ. ENGR. S. SPAHR

REGIONAL ADM. L. ENG

REGION NO. 10
STATE WASH
JOB NUMBER 10A042
CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.



P.E. STAMP BOX

DATE 9/22/11

P.E. STAMP BOX

DATE

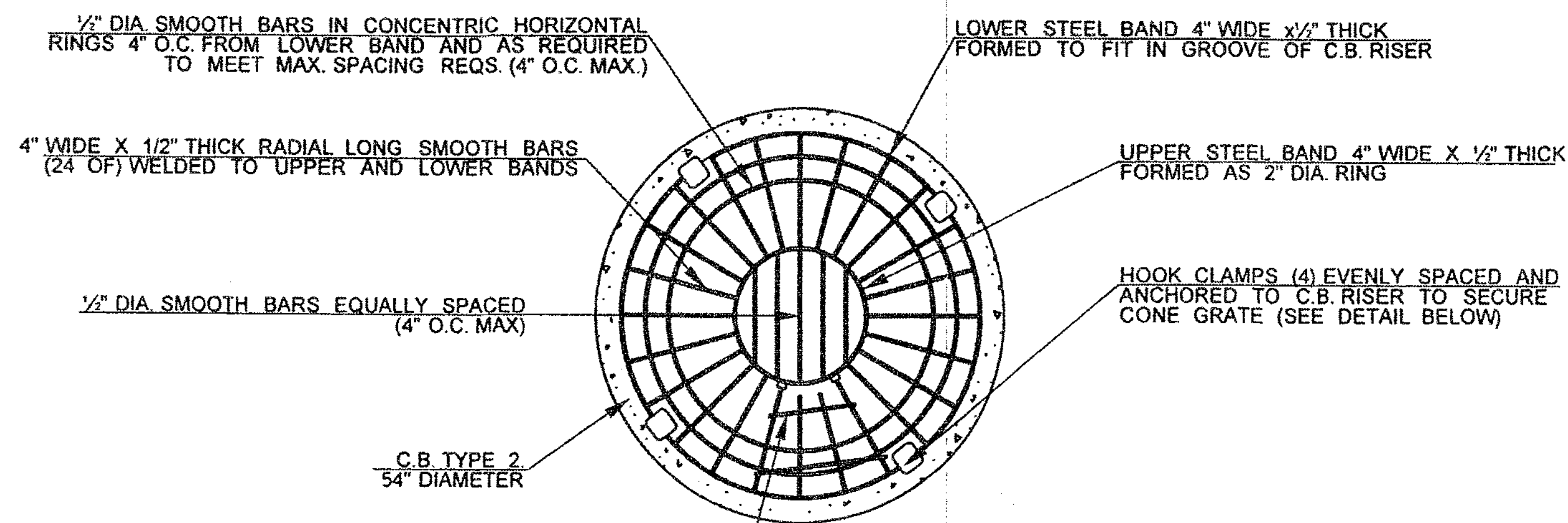
Washington State
Department of Transportation

SR 9
SR 531/172ND ST NE & EAGLEFIELD DR
INTERSECTION IMPROVEMENT & PAVING

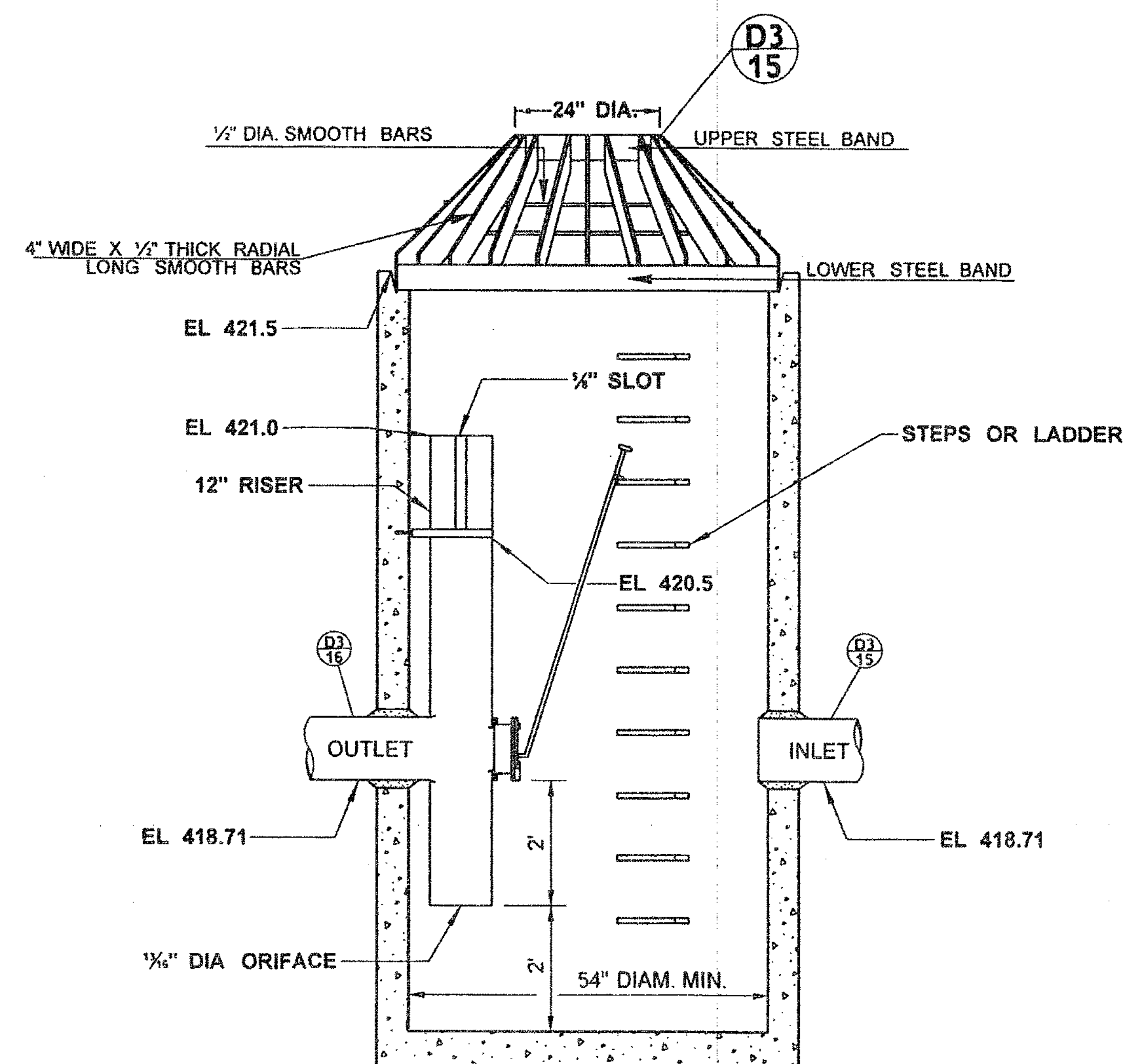
DRAINAGE DETAILS

Plot 2
PLAN REF NO DD2

SHEET 84
OF 230
SHEETS

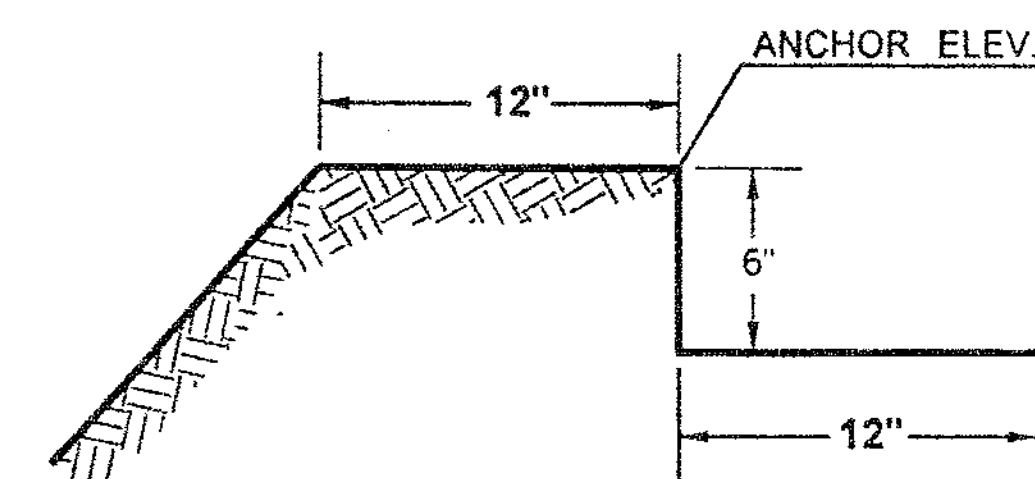


PROVIDE LOCKING HATCH MAINTENANCE ACCESS IN CONE GRATE TO BE LOCATED ABOVE STEPS.



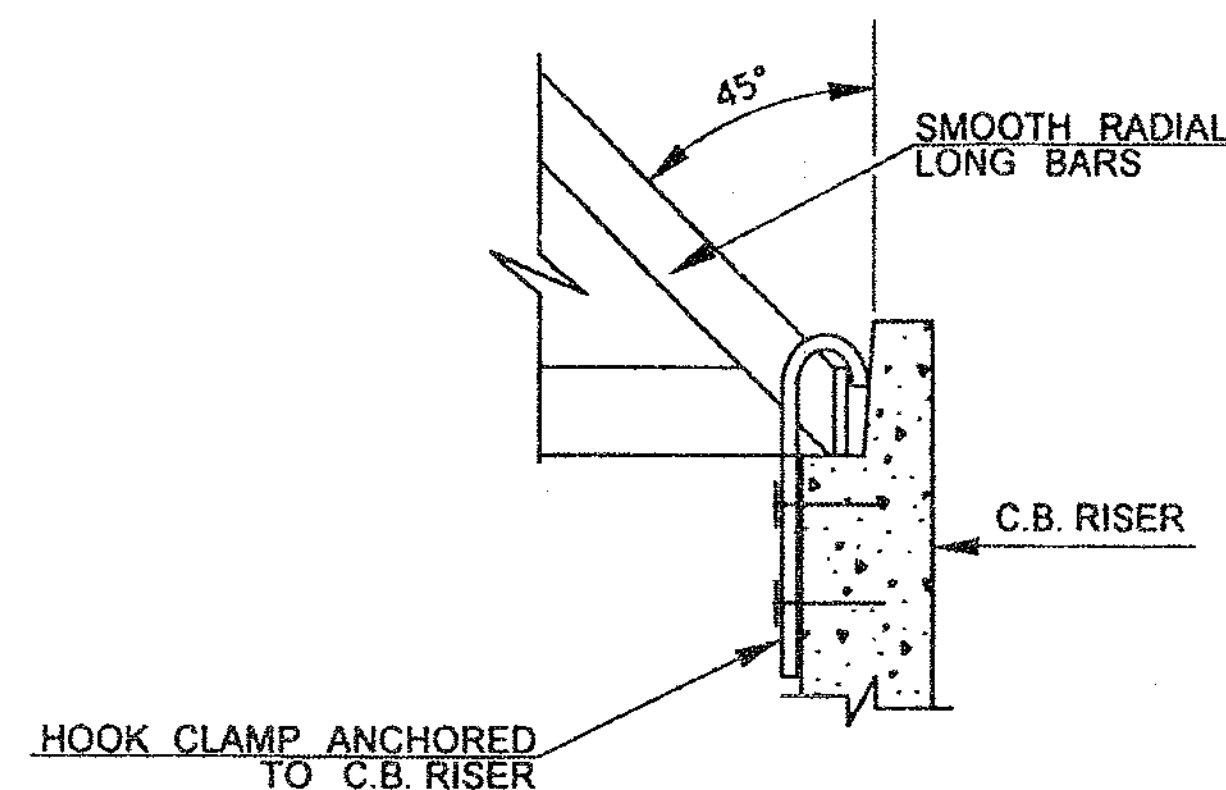
CONICAL OVERFLOW RACK DETAIL

NTS

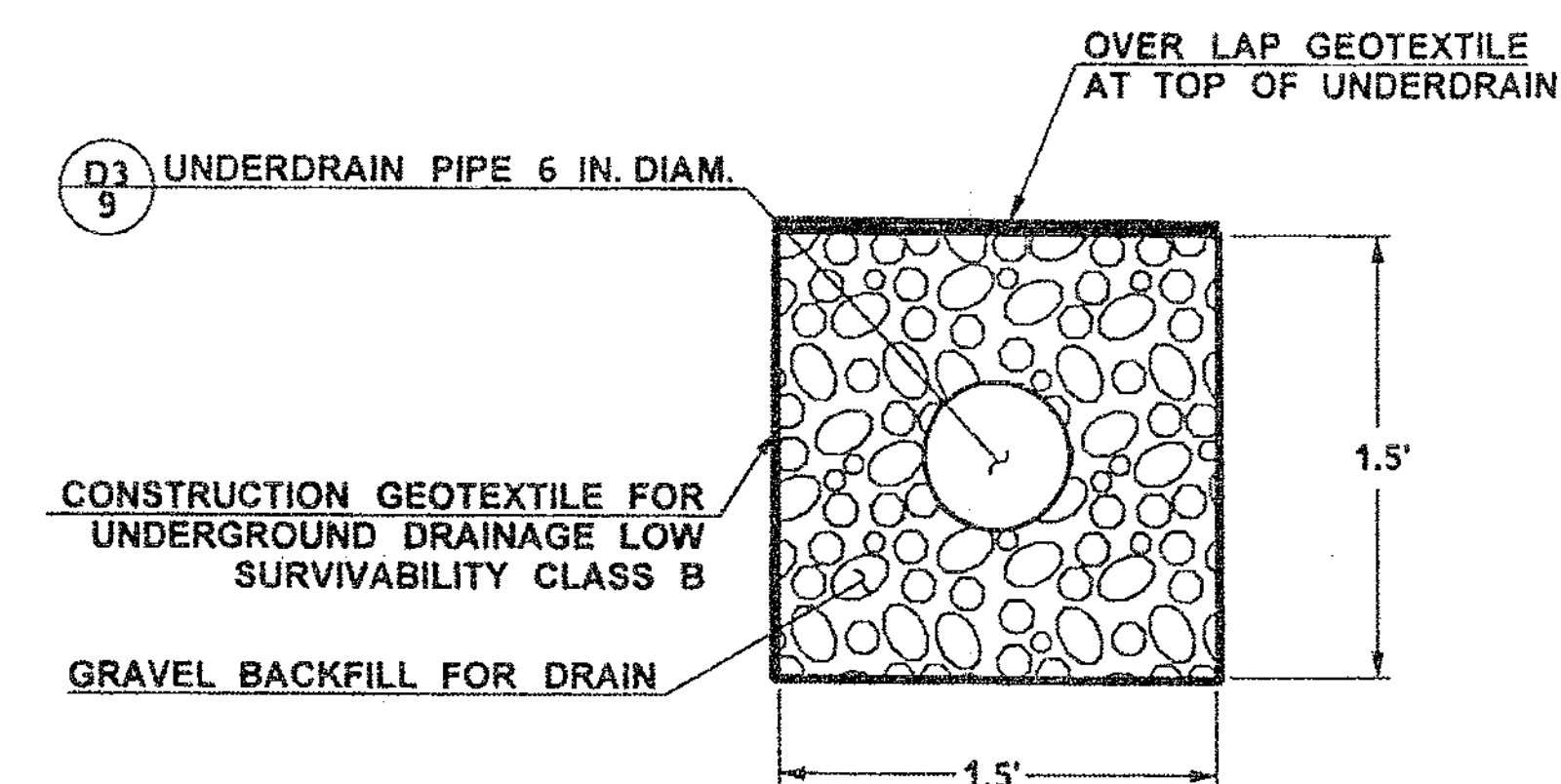


GEOSYNTHETIC CLAY LINER ANCHOR DETAIL

NTS



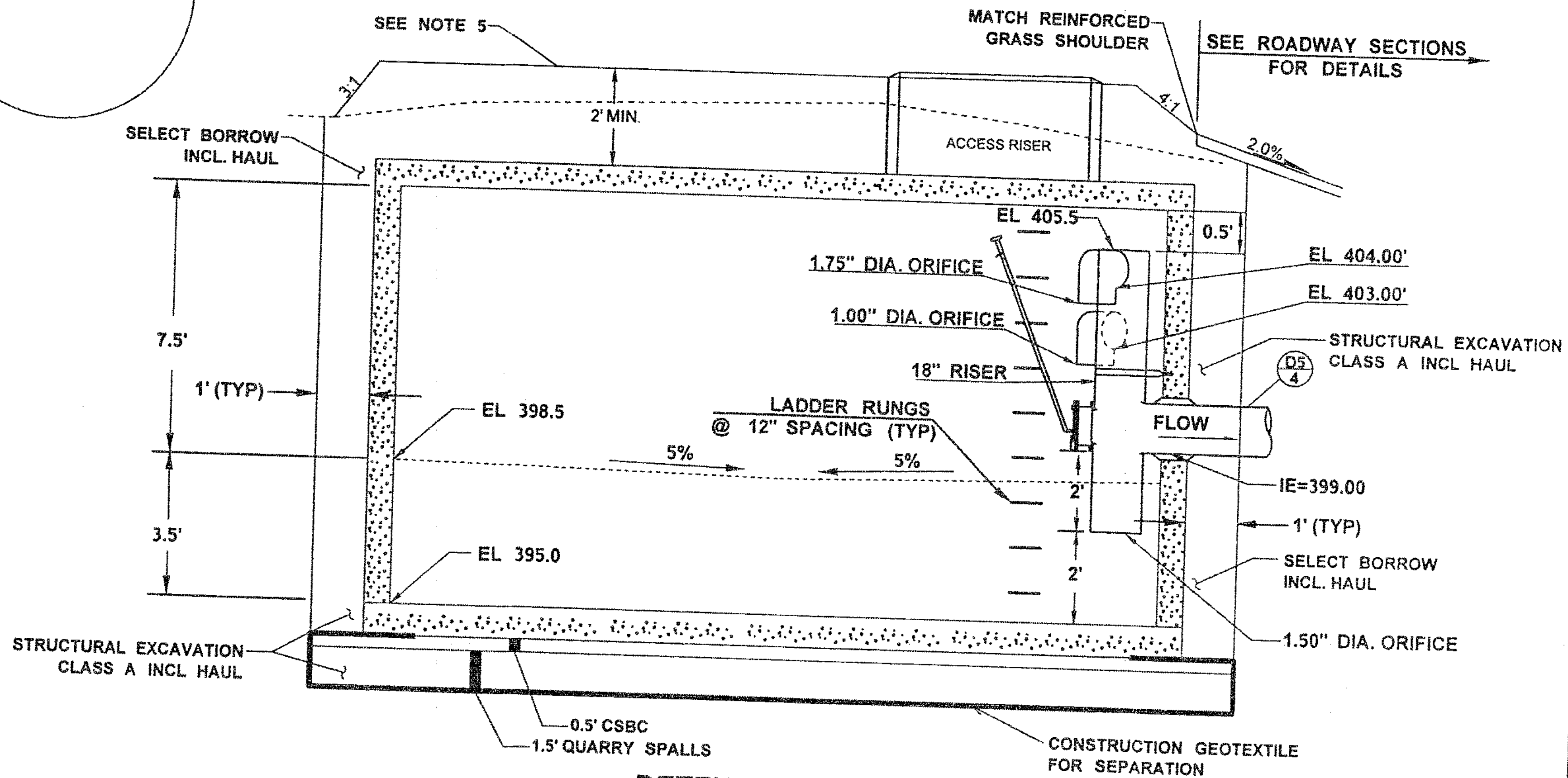
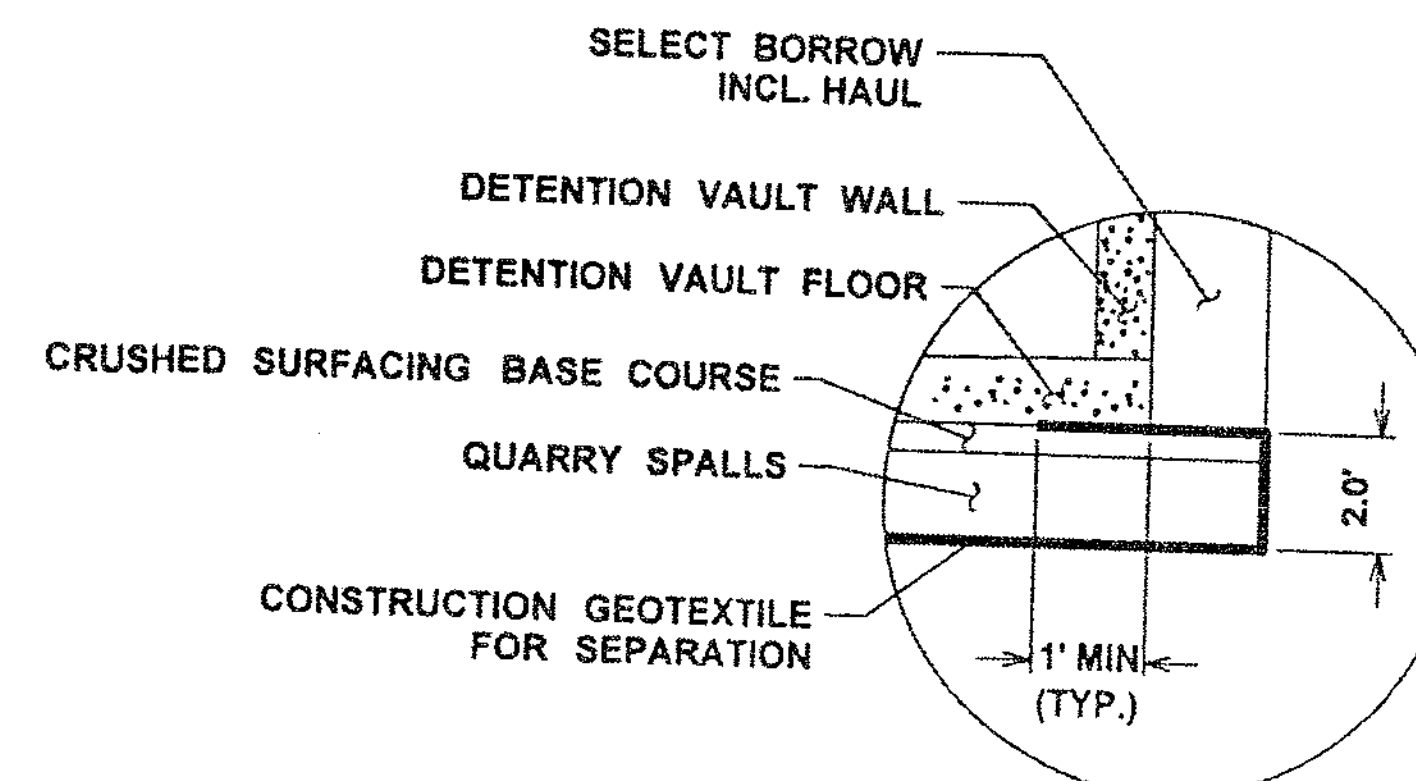
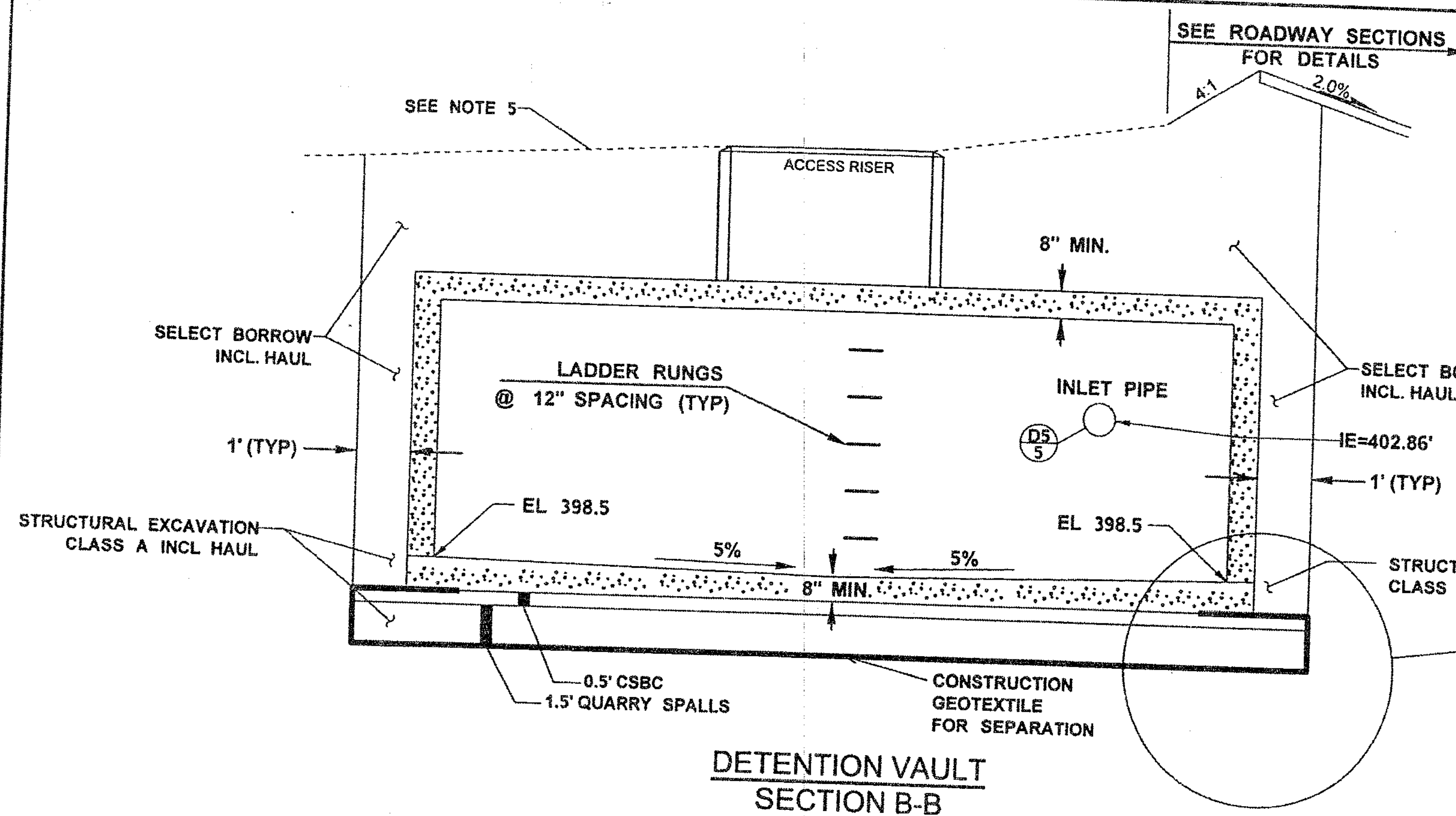
FOR "AS CONSTRUCTED PLANS" ONLY



UNDERDRAIN DETAIL

N.T.S.

FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS_DRAINAGE DETAIL.dgn		REGION NO. 10		STATE WASH	FED.AID PROJ.NO.			SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING	Plot 3 PLAN REF NO DD3
TIME 9:07:50 AM	DATE 9/20/2011	DESIGNED BY M. GUNN	ENTERED BY K. SOLWOLD	CHECKED BY J. KORESKI	PROJ. ENGR. S. SPAHR				
						CONTRACT NO. 10A042	LOCATION NO.		
						DATE 9/22/11			
						P.E. STAMP BOX	P.E. STAMP BOX		
								DRAINAGE DETAILS	SHEET 85 OF 230 SHEETS



- NOTES:
1. ALIGN GRATE RISER WALL WITH INSIDE VAULT WALL
 2. LADDER RUNGS TO EXTEND TO TOP OF ACCESS RISER
 3. SEE SPECIAL PROVISIONS FOR SUBMITTAL AND OTHER REQUIREMENTS.
 4. SEE SHEET DD4 AND D5 FOR ADDITIONAL DETAILS
 5. FINAL GRADE SHALL MATCH EXISTING GRADE OR 2' MIN COVER ABOVE THE VAULT, WHICH EVER IS GREATER.
 6. WALL THICKNESS WAS CALCULATED TO OVERCOME THE VAULTS BOUYANCY AND SHALL NOT BE LESS THAN THE STATED MINIMUM THICKNESS.

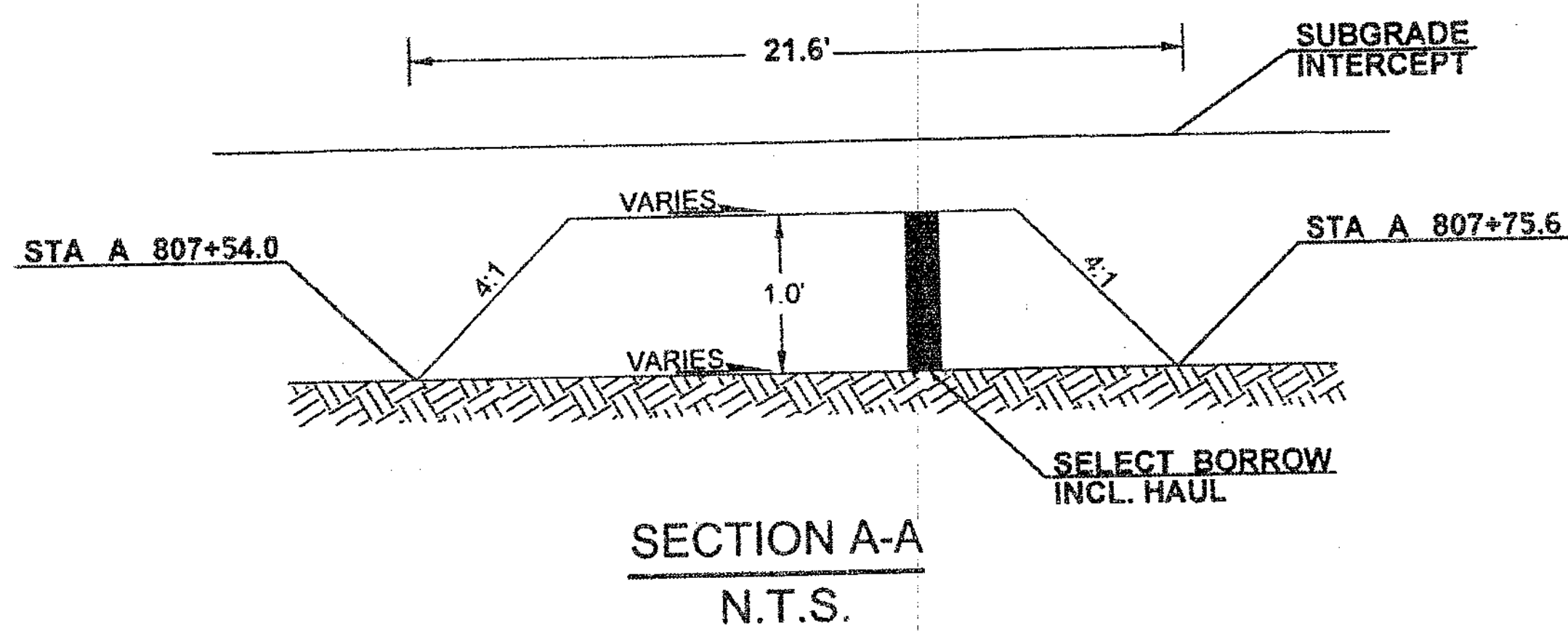
FOR "AS CONSTRUCTED
PLANS" ONLY

FILE NAME		I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CADIPS&ESheets\XL3325 PS DRAINAGE DETAIL.dgn		REGION NO.		STATE		FED.AID PROJ.NO.		DATE		TIME		PLOT 5	
TIME		11:52:32 AM		10		WASH				DATE		9/21/2011		PLAN REF NO	
DATE		9/21/2011		JOB NUMBER		10A042				DATE		9/21/2011		DD5	
PLOTTED BY		solwolk		CONTRACT NO.						DATE		9/21/2011		SHEET	
DESIGNED BY		M. GUNN		LOCATION NO.						DATE		9/21/2011		87	
ENTERED BY		K. SOLWOLD								DATE		9/21/2011		OF	
CHECKED BY		J. KORESKI								DATE		9/21/2011		230	
PROJ. ENGR.		S. SPAHR								DATE		9/21/2011		SHEETS	
REGIONAL ADM.		L. ENG								DATE		9/21/2011			
REVISION										DATE		9/21/2011			
DATE										DATE		9/21/2011			
BY										DATE		9/21/2011			

WASHINGTON STATE
Department of Transportation

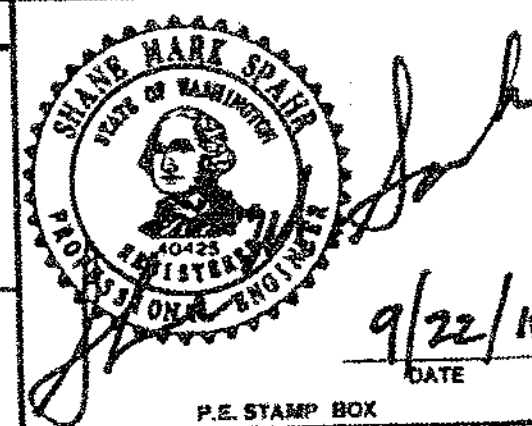
SR 9
SR 531/172ND ST NE & EAGLEFIELD DR
INTERSECTION IMPROVEMENT & PAVING

DRAINAGE DETAILS



PROJECT NAME		I:\Projects\XL3235 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3235 PS DRAINAGE DETAIL.dgn	
DATE	2:33:08 PM		
DATE	9/21/2011		
DESIGNED BY	solwalk		
SIGNED BY	M. GUNN		
CHECKED BY	K. SOLWOLD		
DATE	J. KORESKI		
PROJECT ENGR.	S. SPAHR		
REGIONAL ADM.	L. ENG	REVISION	DATE

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 10A042		
CONTRACT NO.		LOCATION NO.



SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING	SR 9	PL
DRAINAGE DETAILS		

Plot 6
AN REF NO
DD6
SHEET
88
OF
230
SHEETS

STRUCTURE NOTES - UTILITIES

NOTE: THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE. THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.																	GENERAL NOTES: * - Refer to sheets DSN1 - DSN6 and QTEC1 - QTEC2 for additional quantities.	
CODE	LOCATION > \ UNIT OF MEASURE >	TESTING SEWER PIPE FOR AGREEMENT 01495 L.F.	PVC SANITARY SEWER PIPE 12 IN. DIAM. FOR AGRMNT 01495 L.F.	MANHOLE JOINT SEALING FOR AGREEMENT 01495 EACH	BANK RUN GRAVEL FOR TRENCH BACKFILL FOR AGMT 01495 C.Y.	GATE VALVE 8 IN. FOR AGREEMENT 01495 EACH	GATE VALVE 12 IN. FOR AGREEMENT 01495 EACH	BUTTERFLY VALVE 16 IN. FOR AGREEMENT 01495 EACH	BLOWOFF ASSEMBLY FOR AGREEMENT 01495 EACH	TAPPING SLEEVE AND VALVE ASSEMBLY 12 IN. FOR AGMT 01495 EACH	HYDRANT ASSEMBLY FOR AGREEMENT 01495 EACH	SERVICE CONNECTION 1 IN. DIAM. FOR AGREEMENT 01495 EACH	SEE GENERAL NOTES	1. SEE STANDARD PLAN B 15.20-00 MANHOLE TYPE 1. 2. SEE STANDARD PLAN B-30.70-01 CIRCULAR FRAME (RING) AND COVER. FRAME AND COVER SHALL BE TYPE 2. 3. SEE STANDARD PLAN B-30.90-01 MISCELLANEOUS DETAILS FOR DRAINAGE STRUCTURES. 4. SEE STANDARD PLAN B-90.10-00. HYDRANT SETTING TYPES A AND B. HYDRANT SETTING SHALL BE TYPE B. MINIMUM SETBACK SHALL BE 3 FEET FROM BACK OF SIDEWALK. HYDRANTS SHALL BE PAINTED WITH TWO COATS OF HIGH GLOSS EQUIPMENT YELLOW "RUST-OLEUM" TYPE PAINT. 5. SEE SERVICE MANIFOLD DETAIL ON SHEET UD4. 6. SEE CASING DETAIL ON SHEET UD2. 7. SEE STANDARD PLAN B-90.20-00 2 INCH BLOWOFF ASSEMBLY 8. SEE SHEETS DSN1-DSN4 AND SHEET DD5 FOR ADDITIONAL QUANTITIES OF "STRUCTURE EXCAVATION CLASS B INCL. HAUL" & "SHORING OR EXTRA EXCAVATION CLASS B" 9. SEE STANDARD PLAN B-90.40-00 AND B-90.50-00 FOR CONCRETE THRUST BLOCK DETAIL. FOR "AS CONSTRUCTED PLANS" ONLY				
UT2-1	B 17+83.1 (81.3' RT) TO B 20+00.7 (72.6' RT)	225	225	1	310								1, 2, 3, 8					
UT2-2	B 20+00.7 (72.6' RT) TO B 20+03.6 (74.4' LT)	147	147	1	285								1, 2, 3, 8					
UT2-3	B 20+03.6 (74.4' LT)			1	45								1, 2, 3, 8					
UT2-4	B 20+04.9 (61.7 RT) TO B 20+04.9 (33.7' RT)				10						1		4					
UT4-1	B 11+54.7 (25.1' RT) TO B 11+90.0 (61.0' RT)				20					1			9					
UT4-2	B 11+90.0 (61.0' RT) TO B 14+24.5 (73.7' RT)				600	1		5				3	5, 6, 9					
UT4-3	B 12+95.0 (60.9' RT) TO B 12+95.2 (45.6' LT)						1		1				6, 7, 9					
UT4-4	B 12+59.9 (71.9' RT) TO B 13+75.9 (71.7' RT)	116	116	1	170								1, 2, 3, 8					
UT4-5	B 13+75.9 (71.7' RT) TO B 17+83.1 (81.3' RT)	400	400	1	650								1, 2, 3, 8					
UT4-6	B 14+19.6 (60.7' RT) TO B 14+19.9 (73.7' RT)				5		1						7, 9					
UT4-7	B 14+19.9 (73.7' RT) TO B 14+24.5 (73.7' RT)				2						1		4					
UT5-1	B 22+58.9 (71.5' RT) TO B 23+03.7 (28.1' RT)									1			9					
UT5-2	B 22+80.5 (50.8' RT)				13							1						
SHEET TOTAL		888	888	5	2110	1	2	5	1	2	2	4						
PROJECT TOTAL		888	888	5	2110	1	2	5	1	2	2	4						
DESIGNED BY	M. LAMAY	10/14/10	10/25/11	AD1 - ADDED ITEM & QUANTITIES	SMS	10	WASH	Washington State Department of Transportation				SR 9				UTSN 1		
ENTERED BY	M. LAMAY	10/14/10					SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING					SHEET						
CHECKED BY	M. GUNN	10/14/10					JOB NUMBER					STRUCTURE NOTES - UTILITIES	89					
PROJ. ENGR.	S. SPAHR	10/14/10					10A042											
REGION ADM.	L. ENG	10/14/10						CONTRACT NO.				230						
		DATE	DATE	REVISION	BY									SHEETS				

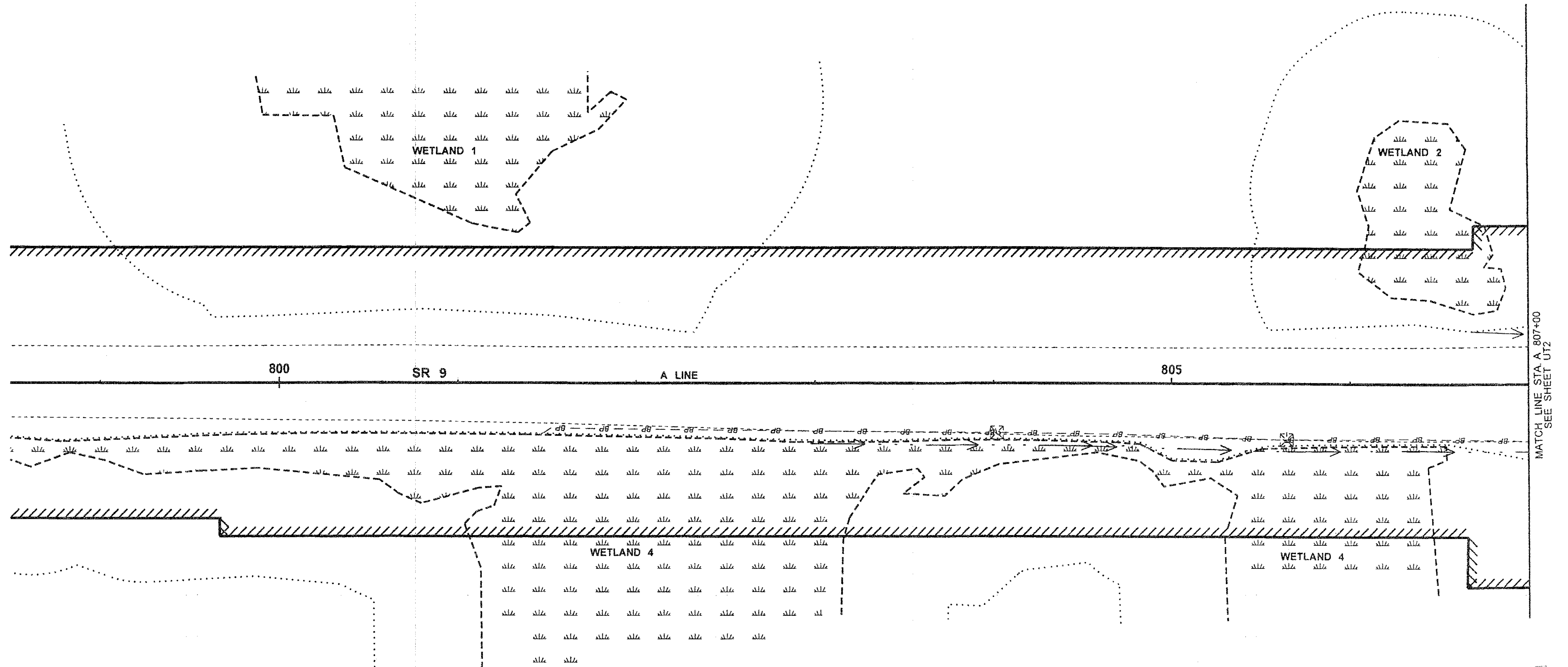
STRUCTURE NOTES - UTILITIES

[illegible]

	EXISTING ELECTRICAL BOX
	UNKNOWN CABINET
	EXISTING UNKNOWN JUNCTION BOX
	EXISTING SIGNAL LOOP
	EXISTING TELEPHONE BOX
	EXISTING TELEPHONE POLE
	EXISTING POWER POLE
	EXISTING SIGNAL POLE
	EXISTING GUY ANCHOR



- | | | | | | |
|-------|----------------------|---------|----------------------------|--|----------------------------|
| | WSDOT R/W | - G - | EXISTING GASLINE | | NEW FIRE HYDRANT |
| | WSDOT LIMITED ACCESS | - ST - | EXISTING STORM SEWER | | EXISTING FIRE HYDRANT |
| | WETLAND BOUNDARY | - OTV - | EXISTING OVERHEAD TV CABLE | | NEW WATER METER |
| | WETLAND BUFFER | - BT - | EXISTING BURIED TELEPHONE | | EXISTING WATER METER |
| | WETLAND SYMBOL | - BF - | EXISTING BURIED FIBER | | NEW WATER VALVE |
| - W - | NEW WATER LINE | - W - | EXISTING WATER LINE | | EXISTING WATER VALVE |
| - S - | NEW SANITARY SEWER | - OP - | EXISTING OVERHEAD POWER | | NEW SANITARY SEWER MANHOLE |
| | EXISTING PAVED EDGE | - BP - | EXISTING BURIED POWER | | EXISTING CATCH BASIN |
| | EXISTING DITCH | | LIGHT STANDARD METAL | | UTILITY STRUCTURE NOTE |
| | EXISTING CULVERT | | | | |



1. SEE SHEETS UTSN1-UTSN2 FOR UTILITY STRUCTURE NOTES.
2. USE CONCRETE THRUST BLOCKING ON WATER MAIN IN ACCORDANCE WITH STANDARD PLAN B-90.40-00 AND B-90.50-00 AT ALL APPLICABLE LOCATIONS.
3. REFER TO DIVISION 7 OF THE SPECIAL PROVISIONS FOR ADDITIONAL WATER MAIN AND SANITARY SEWER INFORMATION.

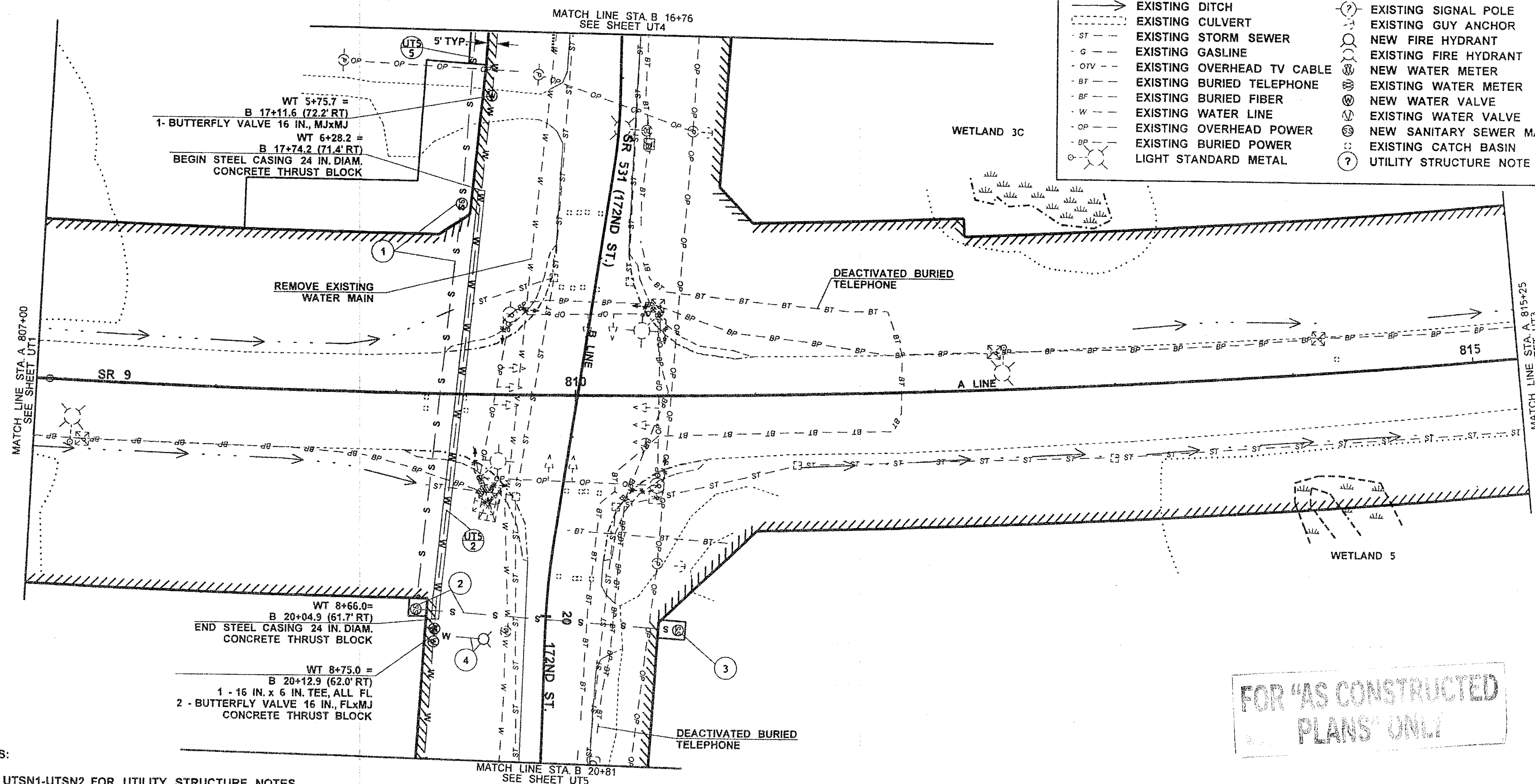
0 30 60
SCALE IN FEET

FOR "AS CONSTRUCTED"
PLANS

FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS UTILITIES.dgn										STATE OF WASHINGTON P. E. STAMP BOX 9/22/11 DATE 9/22/11 DATE		 Washington State Department of Transportation		Plot 2 PLAN REF NO SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING UT1		SHEET 91 OF 230 SHEETS					
TIME 1:37:50 PM						REGION NO. 10	STATE WASH	FED.AID PROJ.NO.													
DATE 9/22/2011						JOB NUMBER 10A042															
PLOTTED BY lamaymp						CONTRACT NO.		LOCATION NO.													
DESIGNED BY M. GUNN																					
ENTERED BY K. SOLWOLD																					
CHECKED BY J. KORESKE																					
PROJ. ENGR. S. SPAHR																					
REGIONAL ADM. L. ENG																					
					REVISION		DATE	BY													

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

LEGEND	
— WSDOT R/W	EXISTING ELECTRICAL BOX
//// WSDOT LIMITED ACCESS	UNKNOWN CABINET
- - - - WETLAND BOUNDARY	EXISTING UNKNOWN JUNCTION BOX
..... WETLAND BUFFER	EXISTING SIGNAL LOOP
W WETLAND SYMBOL	EXISTING TELEPHONE BOX
- W - NEW WATER LINE	EXISTING TELEPHONE POLE
- S - NEW SANITARY SEWER	EXISTING POWER POLE
- - - - EXISTING PAVED EDGE	EXISTING SIGNAL POLE
- - - - EXISTING DITCH	EXISTING GUY ANCHOR
- - - - EXISTING CULVERT	NEW FIRE HYDRANT
- ST - EXISTING STORM SEWER	EXISTING FIRE HYDRANT
- G - EXISTING GASLINE	NEW WATER METER
- OTV - EXISTING OVERHEAD TV CABLE	EXISTING WATER METER
- BT - EXISTING BURIED TELEPHONE	NEW WATER VALVE
- BF - EXISTING BURIED FIBER	EXISTING WATER VALVE
- W - EXISTING WATER LINE	NEW SANITARY SEWER MANHOLE
- OP - EXISTING OVERHEAD POWER	EXISTING CATCH BASIN
- BP - EXISTING BURIED POWER	UTILITY STRUCTURE NOTE
○ LIGHT STANDARD METAL	



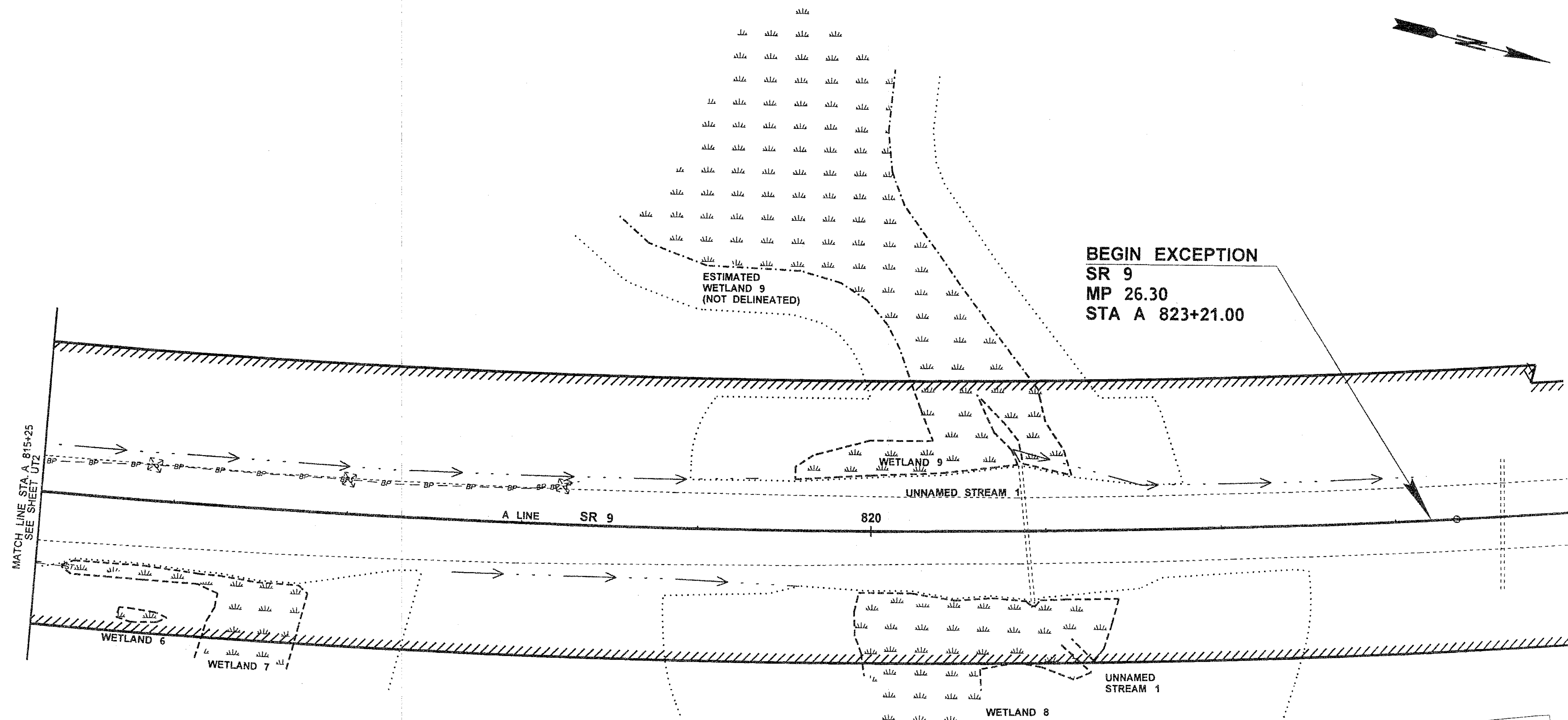
GENERAL NOTES:

- SEE SHEETS UTSN1-UTSN2 FOR UTILITY STRUCTURE NOTES.
- USE CONCRETE THRUST BLOCKING ON WATER MAIN IN ACCORDANCE WITH STANDARD PLAN B-90.40-00 AND B-90.50-00 AT ALL APPLICABLE LOCATIONS.
- REFER TO DIVISION 7 OF THE SPECIAL PROVISIONS FOR ADDITIONAL WATER MAIN AND SANITARY SEWER INFORMATION.

0 30 60
SCALE IN FEET

FILE NAME	I:\Projects\XL3325_SR9_SR531_172nd_St_NE_IntiCADIPS&ESheets\XL3325_PS_UTILITIES.dgn	REGION NO.	STATE	FED.AID PROJ.NO.			SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING	Plot 3
TIME	3:48:10 PM	10	WASH					UT2
DATE	9/28/2011	JOB NUMBER						SHEET 92 OF 230 SHEETS
PLOTTED BY	gunnm	CONTRACT NO.					UTILITY PLAN	
DESIGNED BY	M. GUNN	LOCATION NO.						
ENTERED BY	K. SOLWOLD							
CHECKED BY	J. KORESKI							
PROJ. ENGR.	S. SPAHR							
REGIONAL ADM.	L. ENG							
REVISION								
DATE								
BY								

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



FOR "AS CONSTRUCTED
PLANS" ONLY

LEGEND			
WSDOT R/W	- G - -	EXISTING GASLINE	NEW FIRE HYDRANT
WSDOT LIMITED ACCESS	- ST - -	EXISTING STORM SEWER	EXISTING FIRE HYDRANT
WETLAND BOUNDARY	- OTV - -	EXISTING OVERHEAD TV CABLE	NEW WATER METER
WETLAND BUFFER	- BT - -	EXISTING BURIED TELEPHONE	EXISTING WATER METER
WETLAND SYMBOL	- BF - -	EXISTING BURIED FIBER	NEW WATER VALVE
- W - -	- W - -	EXISTING WATER LINE	EXISTING WATER VALVE
- S - -	- OP - -	EXISTING OVERHEAD POWER	NEW SANITARY SEWER MANHOLE
EXISTING PAVED EDGE	- BP - -	EXISTING BURIED POWER	EXISTING CATCH BASIN
EXISTING DITCH		LIGHT STANDARD METAL	UTILITY STRUCTURE NOTE
EXISTING CULVERT			
			EXISTING ELECTRICAL BOX
			UNKNOWN CABINET
			EXISTING UNKNOWN JUNCTION BOX
			EXISTING SIGNAL LOOP
			EXISTING TELEPHONE BOX
			EXISTING TELEPHONE POLE
			EXISTING POWER POLE
			EXISTING SIGNAL POLE
			EXISTING GUY ANCHOR

GENERAL NOTES:

- SEE SHEETS UTSN1-UTSN2 FOR UTILITY STRUCTURE NOTES.
- USE CONCRETE THRUST BLOCKING ON WATER MAIN IN ACCORDANCE WITH STANDARD PLAN B-90.40-00 AND B-90.50-00 AT ALL APPLICABLE LOCATIONS.
- REFER TO DIVISION 7 OF THE SPECIAL PROVISIONS FOR ADDITIONAL WATER MAIN AND SANITARY SEWER INFORMATION.

0 30 60
SCALE IN FEET

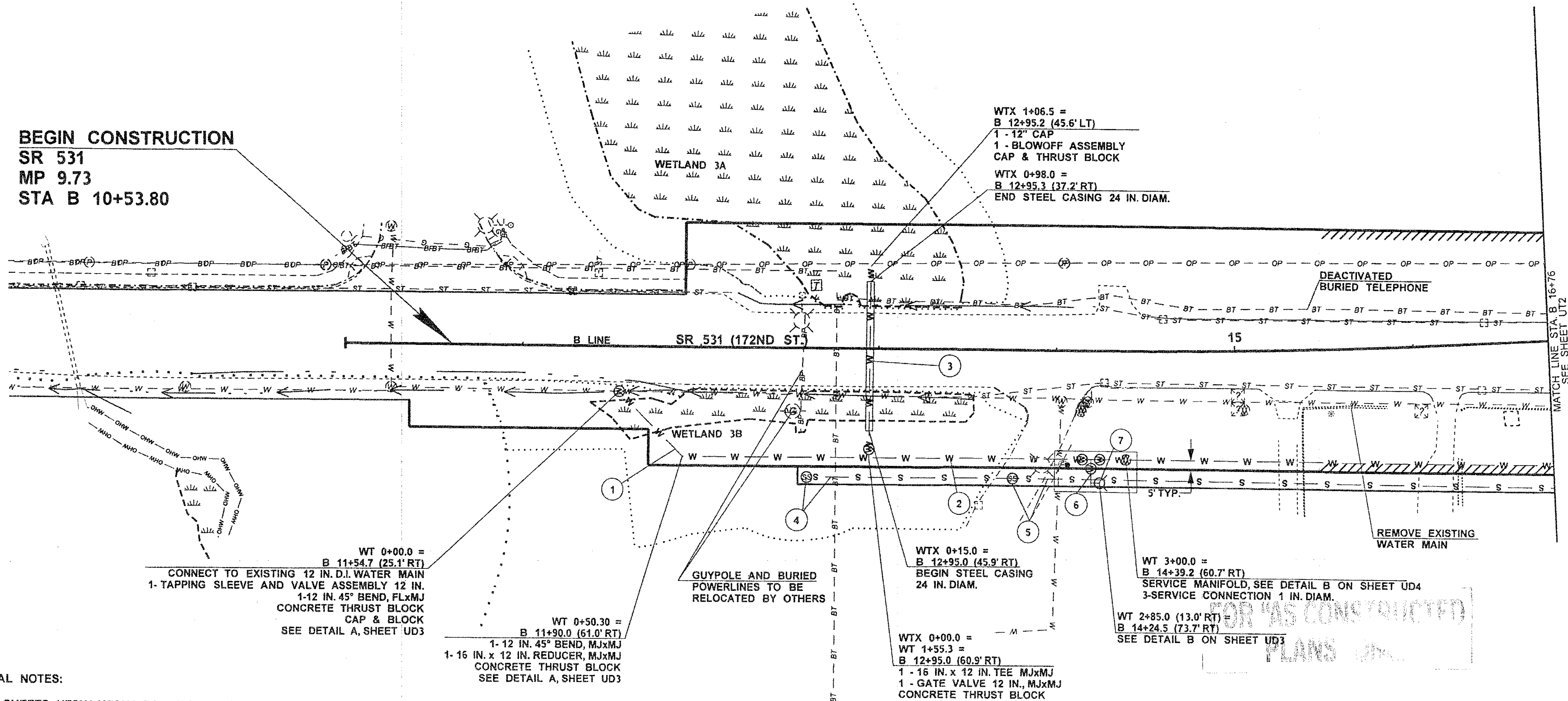
FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS UTILITIES.dgn		REGION NO. 10	STATE WASH	FED.AID PROJ.NO.			SR 9	SR 531/172ND ST NE & EAGLEFIELD DR	Plot 4 PLAN REF NO UT3
TIME 1:37:52 PM	DATE 9/22/2011	DESIGNED BY M. GUNN	ENTERED BY K. SOLWOLD	CHECKED BY J. KORESKI					
PLOTTED BY lamaymp		JOB NUMBER 10A042		LOCATION NO.		DATE 9/22/11		SHEET 93 OF 230 SHEETS	
UTILITY PLAN									

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

LEGEND

WSDOT R/W	- G - -	EXISTING GASLINE	NEW FIRE HYDRANT	EXISTING ELECTRICAL BOX
WSDOT LIMITED ACCESS	- ST - -	EXISTING STORM SEWER	EXISTING FIRE HYDRANT	UNKNOWN CABINET
WETLAND BOUNDARY	- OTV - -	EXISTING OVERHEAD TV CABLE	NEW WATER METER	EXISTING UNKNOWN JUNCTION BOX
WETLAND BUFFER	- BT - -	EXISTING BURIED TELEPHONE	EXISTING WATER METER	EXISTING SIGNAL LOOP
WETLAND SYMBOL	- BF - -	EXISTING BURIED FIBER	NEW WATER VALVE	EXISTING TELEPHONE BOX
- W - -	- W - -	EXISTING WATER LINE	EXISTING WATER VALVE	EXISTING TELEPHONE POLE
- S - -	- OP - -	EXISTING OVERHEAD POWER	NEW SANITARY SEWER MANHOLE	EXISTING POWER POLE
EXISTING PAVED EDGE	- BP - -	EXISTING BURIED POWER	EXISTING CATCH BASIN	EXISTING SIGNAL POLE
EXISTING DITCH		LIGHT STANDARD METAL	UTILITY STRUCTURE NOTE	EXISTING GUY ANCHOR
EXISTING CULVERT				

BEGIN CONSTRUCTION
SR 531
MP 9.73
STA B 10+53.80



GENERAL NOTES:

1. SEE SHEETS UTSN1-UTSN2 FOR UTILITY STRUCTURE NOTES.
2. USE CONCRETE THRUST BLOCKING ON WATER MAIN IN ACCORDANCE WITH STANDARD PLAN B-90.40-00 AND B-90.50-00 AT ALL APPLICABLE LOCATIONS.
3. REFER TO DIVISION 7 OF THE SPECIAL PROVISIONS FOR ADDITIONAL WATER MAIN AND SANITARY SEWER INFORMATION.

0 30 60
SCALE IN FEET

FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS UTILITIES.dgn

TIME 1:37:54 PM

DATE 9/22/2011

PLOTTED BY lamaymp

DESIGNED BY M. GUNN

ENTERED BY K. SOLWOLD

CHECKED BY J. KORESKI

PROJ. ENGR. S. SPAHR

REGIONAL ADM. L. ENG

REVISION

DATE

BY

REGION NO.

STATE

10 WASH

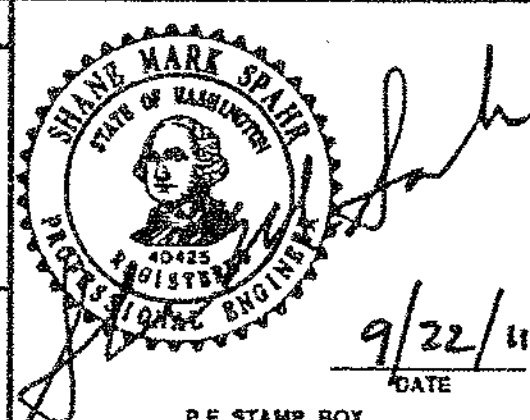
JOB NUMBER

10A042

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.



SR 9
SR 531/172ND ST NE & EAGLEFIELD DR
INTERSECTION IMPROVEMENT & PAVING

UTILITY PLAN

Plot 5

PLAN REF NO

UT4

SHEET

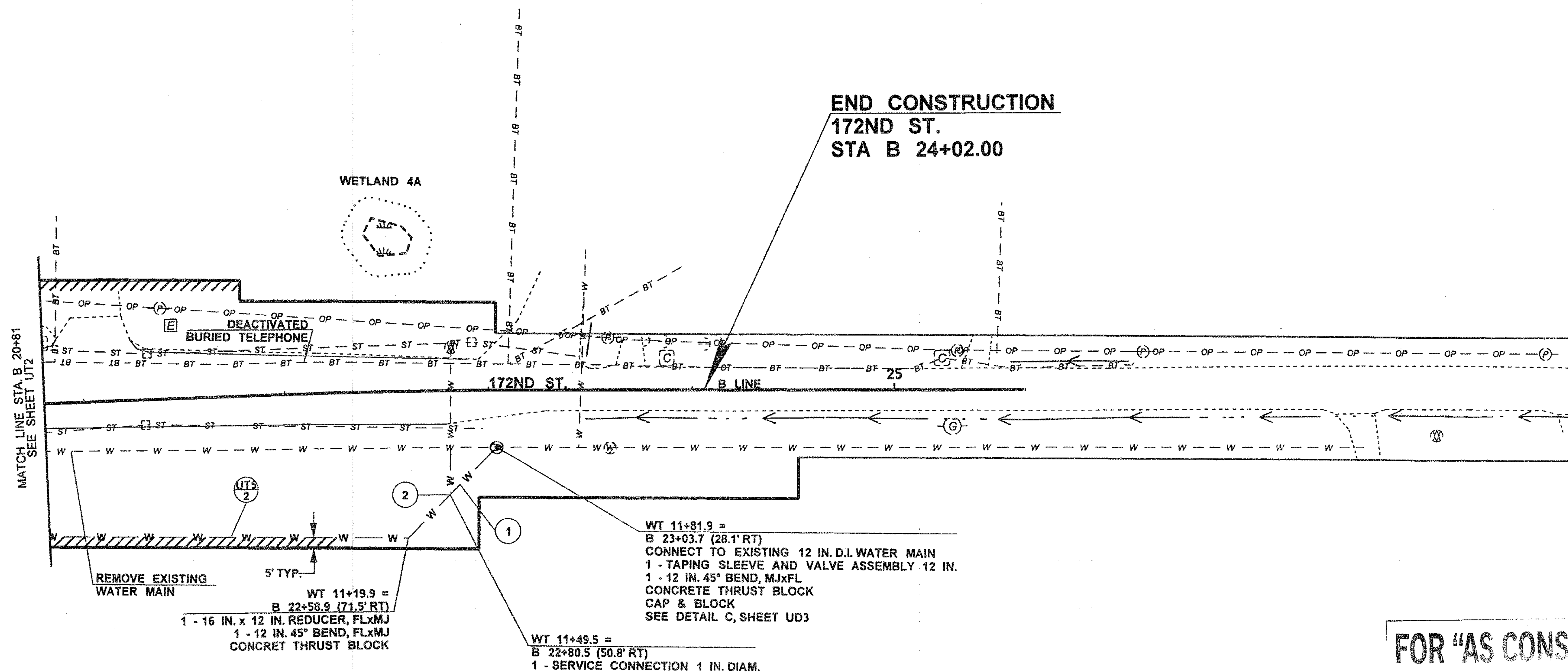
94

OF

230

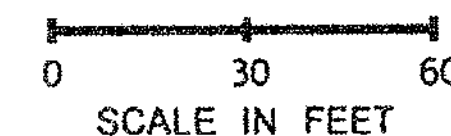
SHEETS

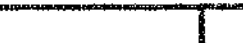
LEGEND							
	WSDOT R/W	- G - -	EXISTING GASLINE		NEW FIRE HYDRANT		EXISTING ELECTRICAL BOX
	WSDOT LIMITED ACCESS	- ST - -	EXISTING STORM SEWER		EXISTING FIRE HYDRANT		UNKNOWN CABINET
	WETLAND BOUNDARY	- OTV - -	EXISTING OVERHEAD TV CABLE		NEW WATER METER		EXISTING UNKNOWN JUNCTION BOX
	WETLAND BUFFER	- BT - -	EXISTING BURIED TELEPHONE		EXISTING WATER METER		EXISTING SIGNAL LOOP
	WETLAND SYMBOL	- BF - -	EXISTING BURIED FIBER		NEW WATER VALVE		EXISTING TELEPHONE BOX
- W - -	NEW WATER LINE	- W - -	EXISTING WATER LINE		EXISTING WATER VALVE		EXISTING TELEPHONE POLE
- S - -	NEW SANITARY SEWER	- OP - -	EXISTING OVERHEAD POWER		NEW SANITARY SEWER MANHOLE		EXISTING POWER POLE
	EXISTING PAVED EDGE	- BP - -	EXISTING BURIED POWER		EXISTING CATCH BASIN		EXISTING SIGNAL POLE
	EXISTING DITCH		LIGHT STANDARD METAL		UTILITY STRUCTURE NOTE		EXISTING GUY ANCHOR
	EXISTING CULVERT						



FOR "AS CONSTRUCTED
PLANS" ONLY

1. SEE SHEETS UTSN1-UTSN2 FOR UTILITY STRUCTURE NOTES.
2. USE CONCRETE THRUST BLOCKING ON WATER MAIN IN ACCORDANCE WITH STANDARD PLAN B-90.40-00 AND B-90.50-00 AT ALL APPLICABLE LOCATIONS.
3. REFER TO DIVISION 7 OF THE SPECIAL PROVISIONS FOR ADDITIONAL WATER MAIN AND SANITARY SEWER INFORMATION.



FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CADIPS\ESheets\XL3325 PS UTILITIES.dgn										 9/22/11 DATE		P.E. STAMP BOX		DATE		 Washington State Department of Transportation		Plot 6 SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING UTILITY PLAN		Plot 6 PLAN REF NO UT5 SHEET 95 OF 230 SHEETS	
TIME 1:37:55 PM		REGION NO. 10		STATE WASH		JOB NUMBER 10A042		CONTRACT NO.													
DATE 9/22/2011		PLOTTED BY lamaymp		DESIGNED BY M.GUNN		ENTERED BY K.SOLWOLD		CHECKED BY J.KORESKE		PROJ. ENGR. S. SPAHR		REGIONAL ADM I ENG		REVISION		DATE		BY			

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



LEGEND

WSDOT R/W	- G -	EXISTING GASLINE	NEW FIRE HYDRANT	EXISTING ELECTRICAL BOX
WSDOT LIMITED ACCESS	- ST -	EXISTING STORM SEWER	EXISTING FIRE HYDRANT	UNKNOWN CABINET
WETLAND BOUNDARY	- OTV -	EXISTING OVERHEAD TV CABLE	NEW WATER METER	EXISTING UNKNOWN JUNCTION BOX
WETLAND BUFFER	- BT -	EXISTING BURIED TELEPHONE	EXISTING WATER METER	EXISTING SIGNAL LOOP
WETLAND SYMBOL	- BF -	EXISTING BURIED FIBER	NEW WATER VALVE	EXISTING TELEPHONE BOX
- W -	- W -	EXISTING WATER LINE	EXISTING WATER VALVE	EXISTING TELEPHONE POLE
- S -	- OP -	EXISTING OVERHEAD POWER	NEW SANITARY SEWER MANHOLE	EXISTING POWER POLE
EXISTING PAVED EDGE	- BP -	EXISTING BURIED POWER	EXISTING CATCH BASIN	EXISTING SIGNAL POLE
EXISTING DITCH		LIGHT STANDARD METAL	UTILITY STRUCTURE NOTE	EXISTING GUY ANCHOR
EXISTING CULVERT				

END EXCEPTION
SR 9
MP 26.83
STA A 851+45.00

MATCH LINE STA. A 856+75
SEE SHEET UT7

WETLAND 10

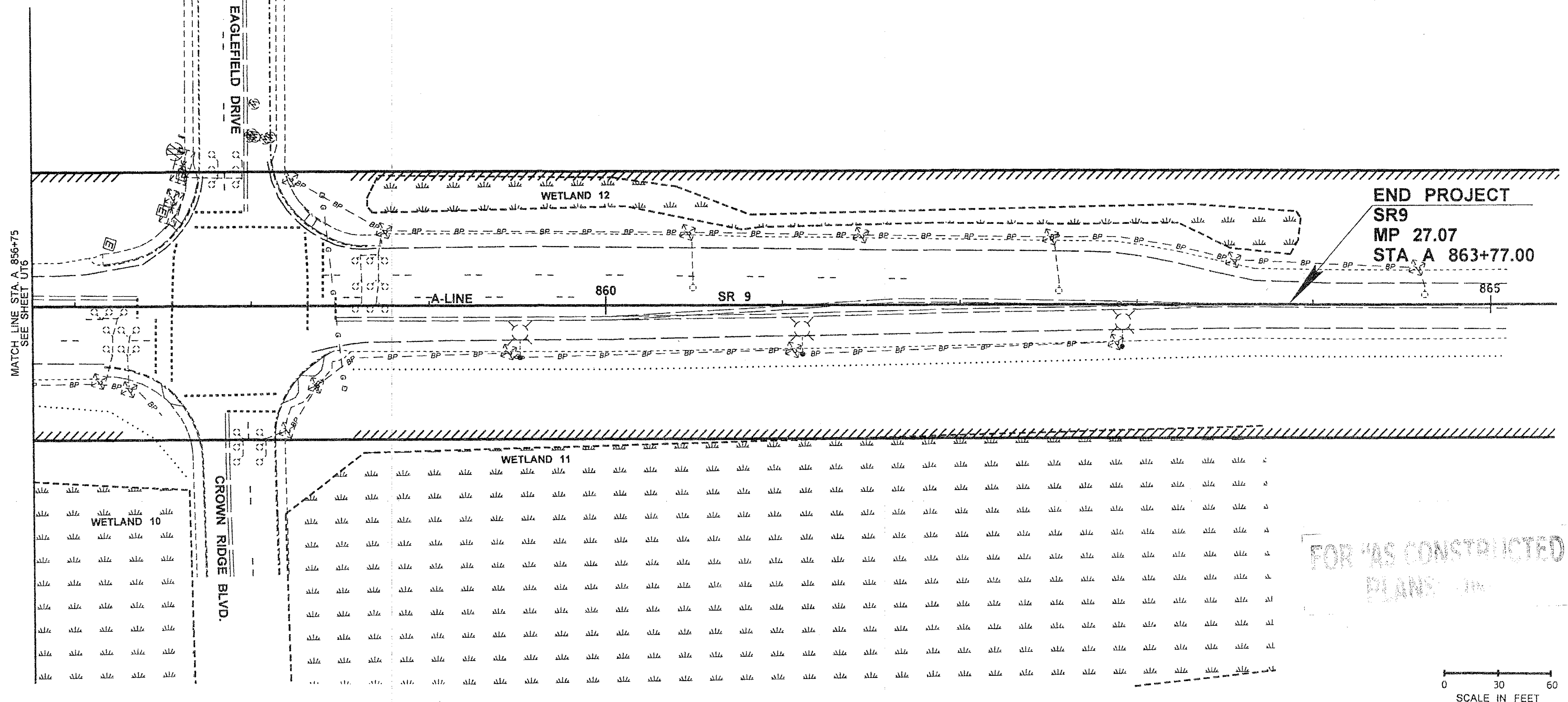
FOR "AS CONSTRUCTED
PLANS" ONLY

0 30 60
SCALE IN FEET

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TIME 10:40:38 AM	DATE 9/22/2011	JOB NUMBER 10A042		CONTRACT NO.	LOCATION NO.					
PLOTTED BY solwolk	DESIGNED BY M.GUNN	ENTERED BY K.SOLWOLD	CHECKED BY J.KORESKE	PROJ. ENGR. S.SPAHR	REGIONAL ADM. L.ENG	REVISION	DATE	BY		

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

LEGEND			
— WSDOT R/W	- G —	EXISTING GASLINE	NEW FIRE HYDRANT
//// WSDOT LIMITED ACCESS	- ST —	EXISTING STORM SEWER	EXISTING FIRE HYDRANT
- - - WETLAND BOUNDARY	- OTV —	EXISTING OVERHEAD TV CABLE	NEW WATER METER
..... WETLAND BUFFER	- BT —	EXISTING BURIED TELEPHONE	EXISTING WATER METER
W WETLAND SYMBOL	- BF —	EXISTING BURIED FIBER	NEW WATER VALVE
- W — NEW WATER LINE	- W —	EXISTING WATER LINE	EXISTING WATER VALVE
- S — NEW SANITARY SEWER	- DP —	EXISTING OVERHEAD POWER	NEW SANITARY SEWER MANHOLE
EXISTING PAVED EDGE	- BP —	EXISTING BURIED POWER	EXISTING CATCH BASIN
EXISTING DITCH	○	LIGHT STANDARD METAL	UTILITY STRUCTURE NOTE
EXISTING CULVERT			
			EXISTING ELECTRICAL BOX
			UNKNOWN CABINET
			EXISTING UNKNOWN JUNCTION BOX
			EXISTING SIGNAL LOOP
			EXISTING TELEPHONE BOX
			EXISTING TELEPHONE POLE
			EXISTING POWER POLE
			EXISTING SIGNAL POLE
			EXISTING GUY ANCHOR

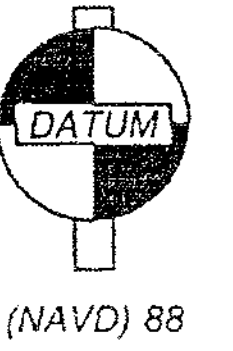


END PROJECT
SR9
MP 27.07
STA A 863+77.00

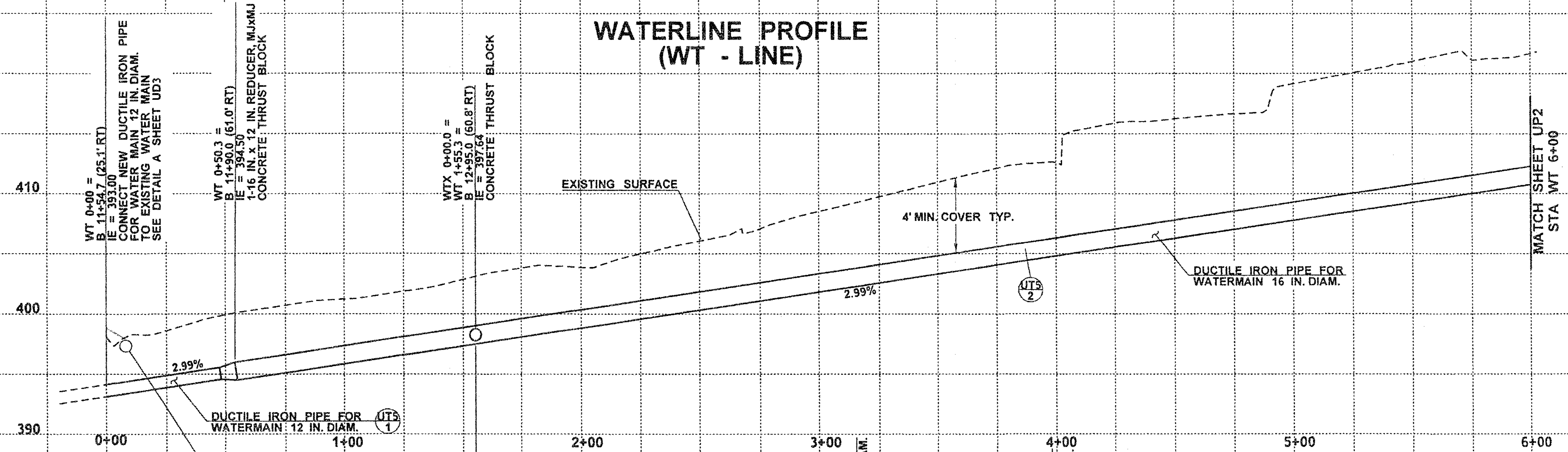
FOR 'AS CONSTRUCTED'
PLANS

0 30 60
SCALE IN FEET

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TIME: 1:59:32 PM	DATE: 9/27/2011	JOB NUMBER 10A042		LOCATION NO.					
PLOTTED BY: lamaymp	DESIGNED BY: M.GUNN	CONTRACT NO.							
ENTERED BY: K.SOLWOLD	CHECKED BY: J.KORESKE								
PROJ. ENGR. S.SPAHR	REGIONAL ADM. L.ENG	REVISION	DATE	BY					

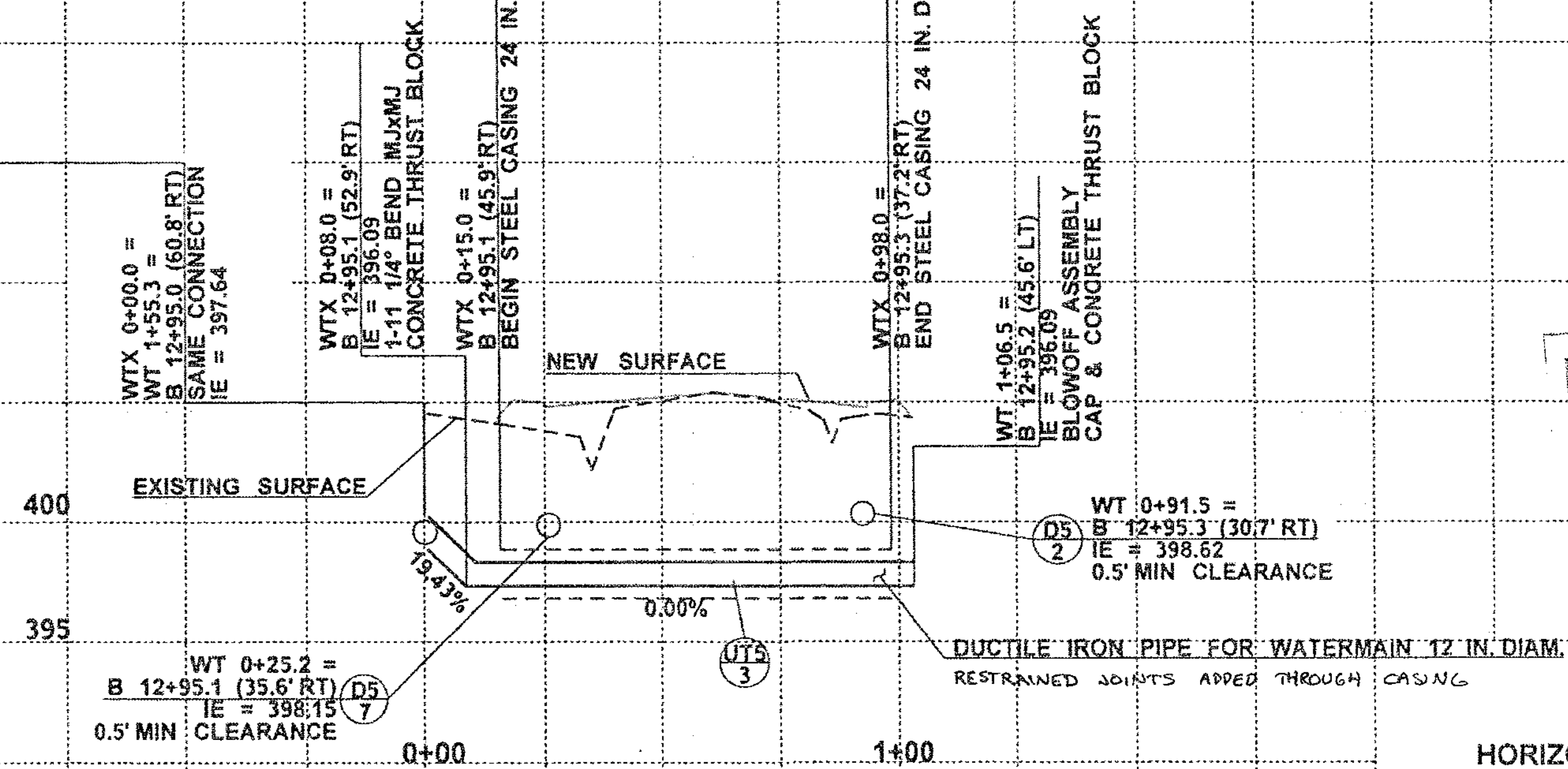


WATERLINE PROFILE (WT - LINE)

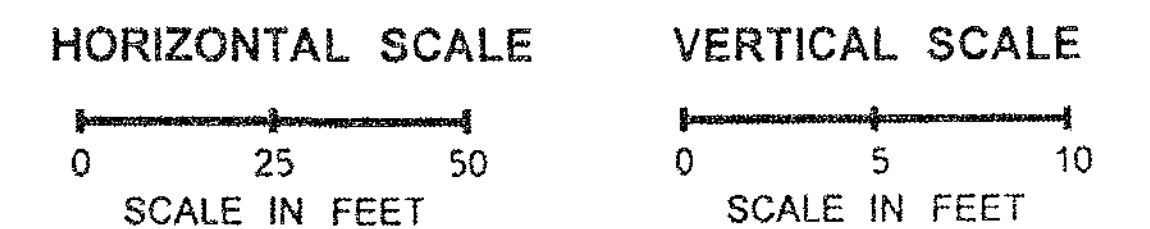


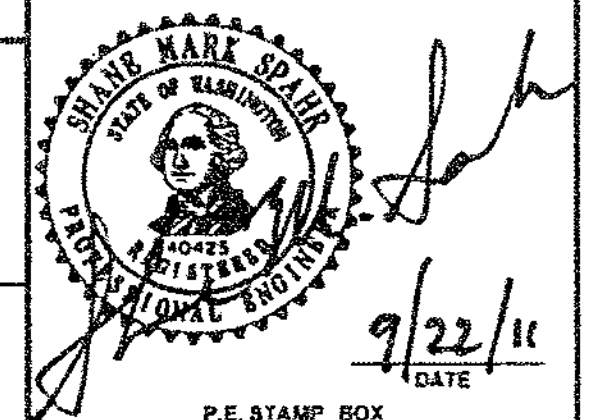
GENERAL NOTES:

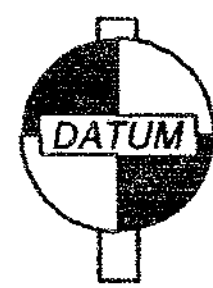
1. INVERT ELEVATIONS OF WATERLINE MAY BE ADJUSTED TO MEET MINIMUM VERTICAL CLEARANCE REQUIREMENTS.
2. DEFLECT PIPE JOINTS AS NECESSARY. PIPE DEFLECTION MAY NOT EXCEED 1/2 OF THE MANUFACTURER'S ALLOWABLE DEFLECTION.
3. INVERT ELEVATIONS AT CONNECTIONS HAVE NOT BEEN VERIFIED. CONTRACTOR SHALL VERIFY THE ACTUAL INVERT AND ADJUST ADJACENT SEGMENTS OF NEW PIPE AS NECESSARY.
4. USE CONCRETE THRUST BLOCKING ON WATER MAIN IN ACCORDANCE WITH STANDARD PLANS B-90.40-00 AND B-90.50-00 AT ALL APPLICABLE LOCATIONS.



WATERLINE PROFILE (WTX - LINE)

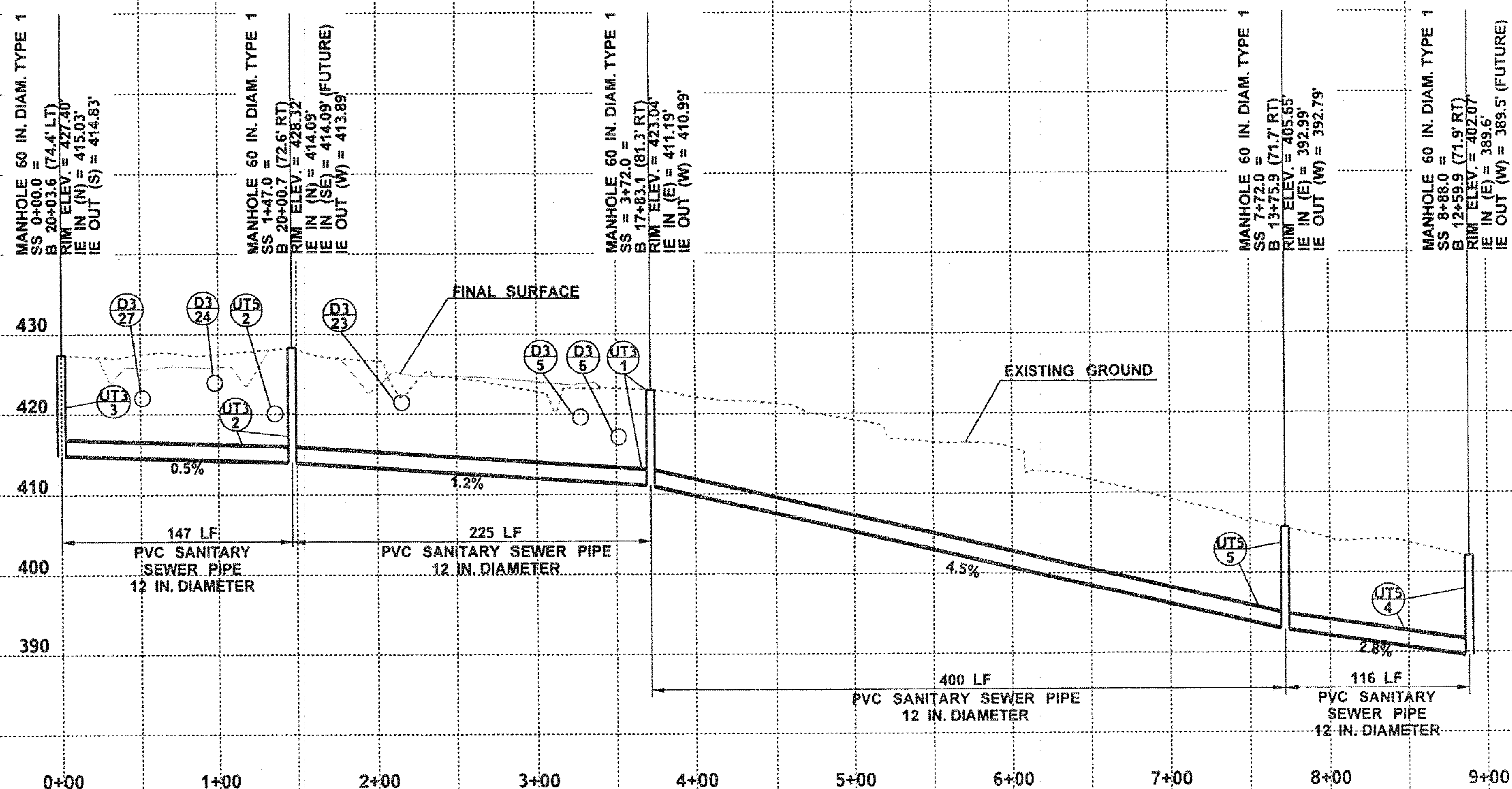


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TIME: 10:01:23 AM		JOB NUMBER 10A042		CONTRACT NO.		LOCATION NO.						UP1	
DATE: 9/19/2011												SHEET 98	
PLOTTED BY: gunnm												OF 230	
DESIGNED BY: M. LAMAY												SHEETS	
ENTERED BY: K. SOLWOLD													
CHECKED BY: J. KORESKI													
PROJ. ENGR: S. SPAHR													
REGIONAL ADM: L. ENG		REVISION		DATE		BY							

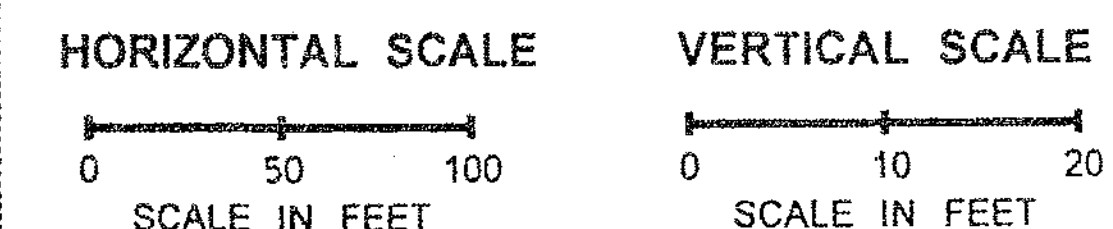


(NAVD) 88

UTILITY CROSSING DATA TABLE			
STRUCTURE #	B STA.	SS STATION	UTILITY I.E. AT CROSSING
D3 27	20+02.4(23.3' LT)	0+51.1	421.05
D3 24	20+01.5(23.3' RT)	0+97.7	422.95
UTS 2	20+00.9(61.6' RT)	1+36.2	419.10
D3 23	19+39.5(73.5' RT)	2+15.6	420.50
D3 4	18+27.6(79.1' RT)	3+27.6	418.65
D3 6	18+03.5(80.3' RT)	3+51.7	416.18

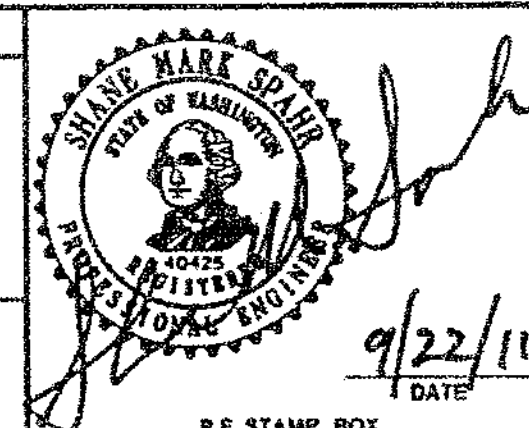


SANITARY SEWER PROFILE (SS)



FILE NAME I:\Projects\XL3325 SR9 SR531 172nd St NE Int\CAD\PS&ESheets\XL3325 PS UTILITIES.dgn
TIME 11:31:25 AM
DATE 9/21/2011
PLOTTER BY lamaymp
DESIGNED BY M. LAMAY
ENTERED BY K. SOLWOLD
CHECKED BY J. KORESKI
PROJ. ENGR. S. SPAHR
REGIONAL ADM. L. ENG

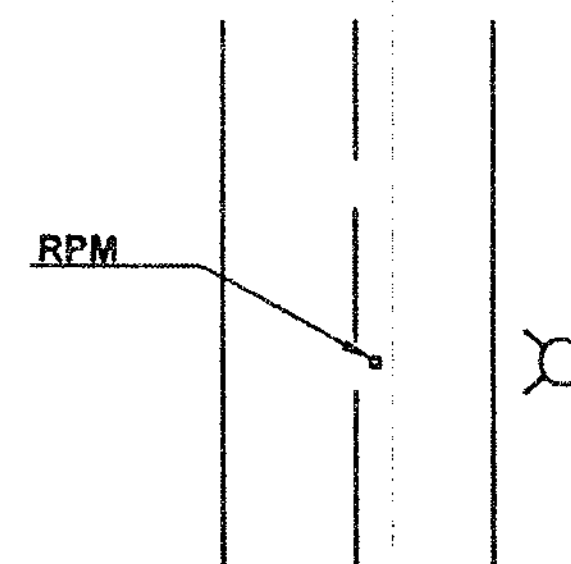
REGION NO. 10
STATE WASH
FED.AID PROJ.NO.
JOB NUMBER 10A042
CONTRACT NO.
LOCATION NO.



Washington State
Department of Transportation

SR 9
SR 531/172ND ST NE & EAGLEFIELD DR
INTERSECTION IMPROVEMENT & PAVING
UTILITY PROFILE

Plot 23
PLAN REF. NO.
UP3
SHEET 100
OF 230
SHEETS



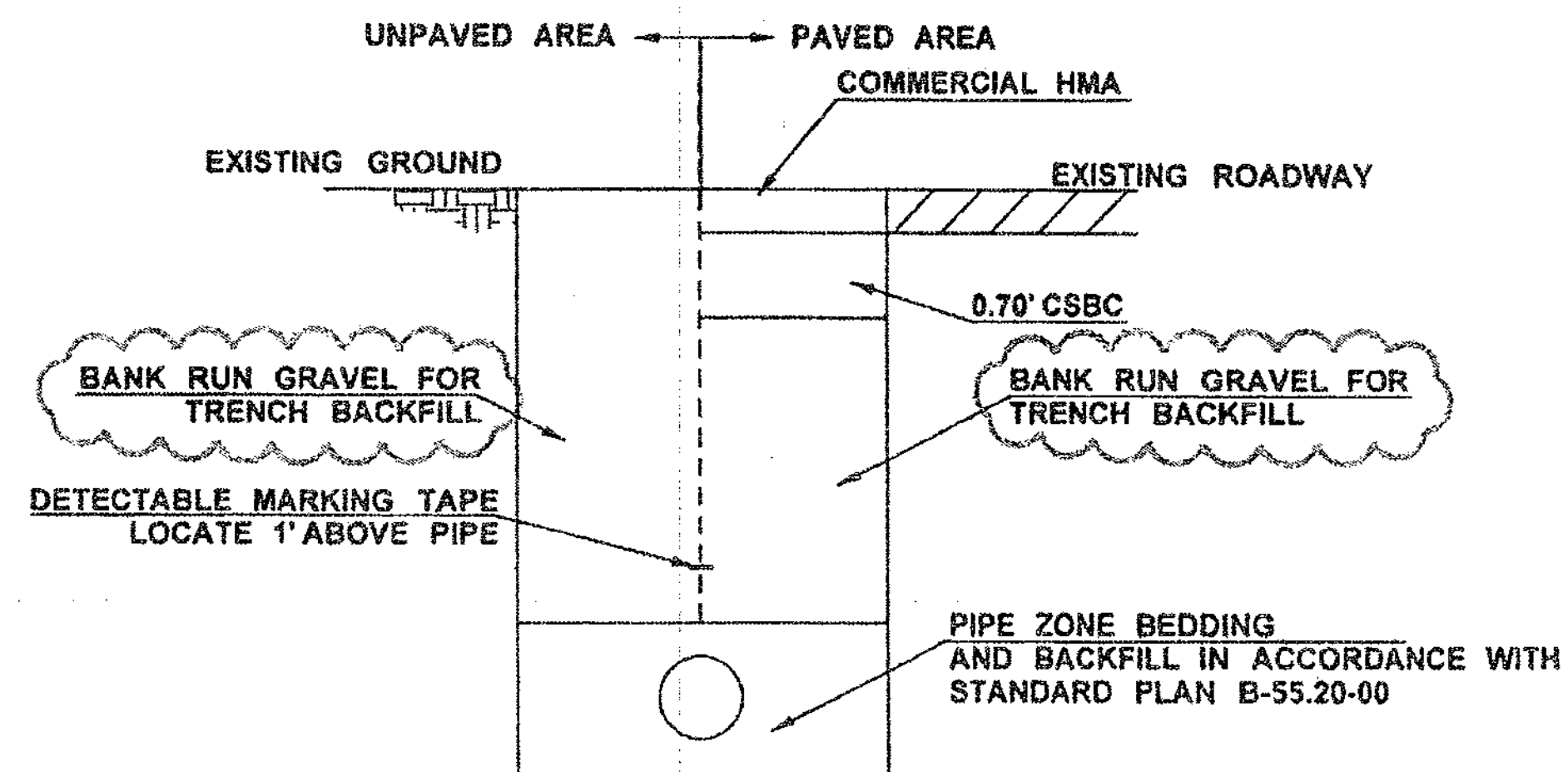
ON-ROAD HYDRANT MARKER DETAIL

OFFSET RAISED PAVEMENT MARKER (RPM) TO INDICATE WHICH SIDE OF STREET HYDRANT IS ON. MARKER TO BE PLACED 4" TO 6" OFF OF CENTERLINE. ALL COSTS FOR MARKER SHALL BE INCLUDED IN THE HYDRANT ASSEMBLY.

NOTE:

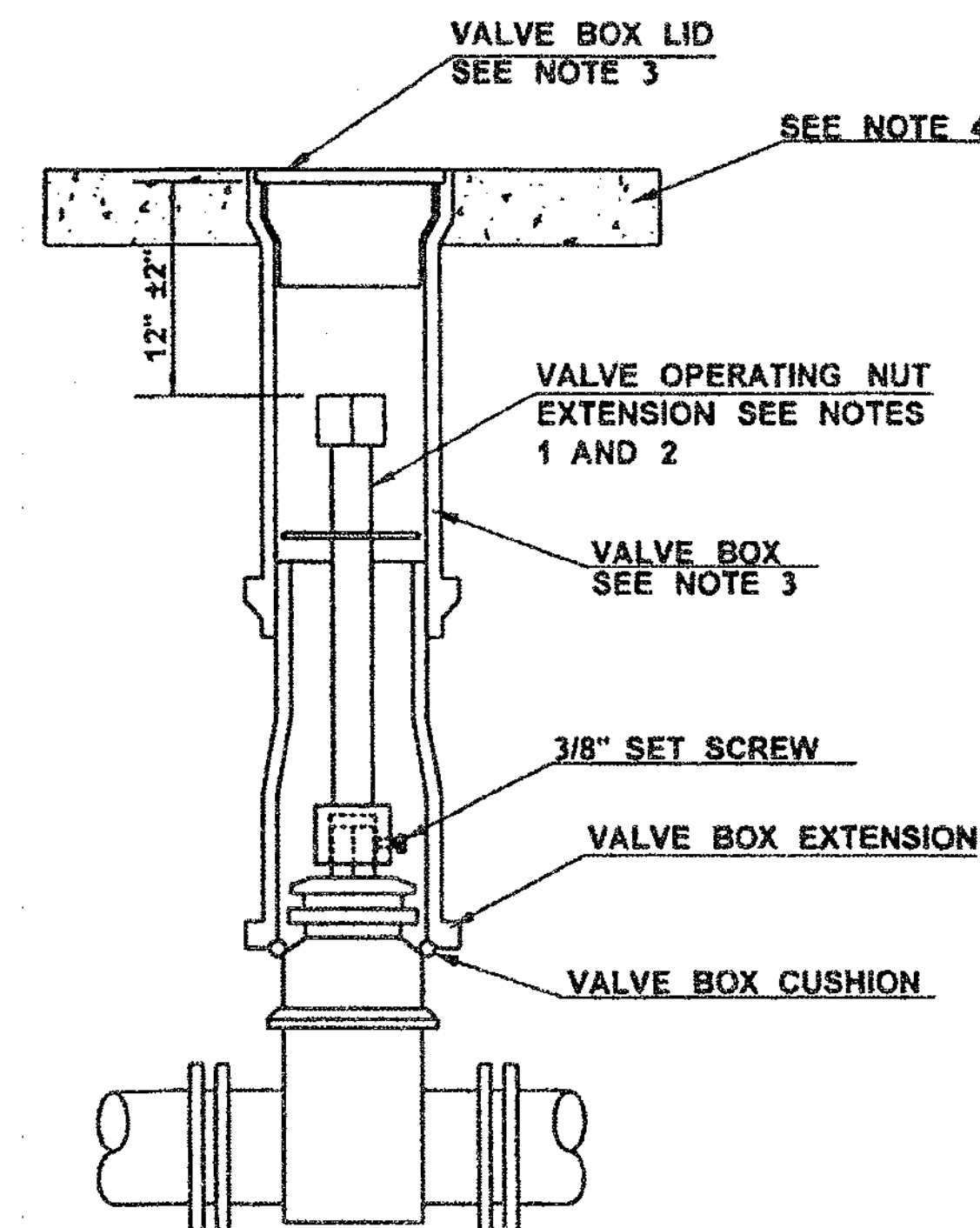
1. RPM SHALL BE TYPE 2 AND BLUE IN COLOR.

NTS

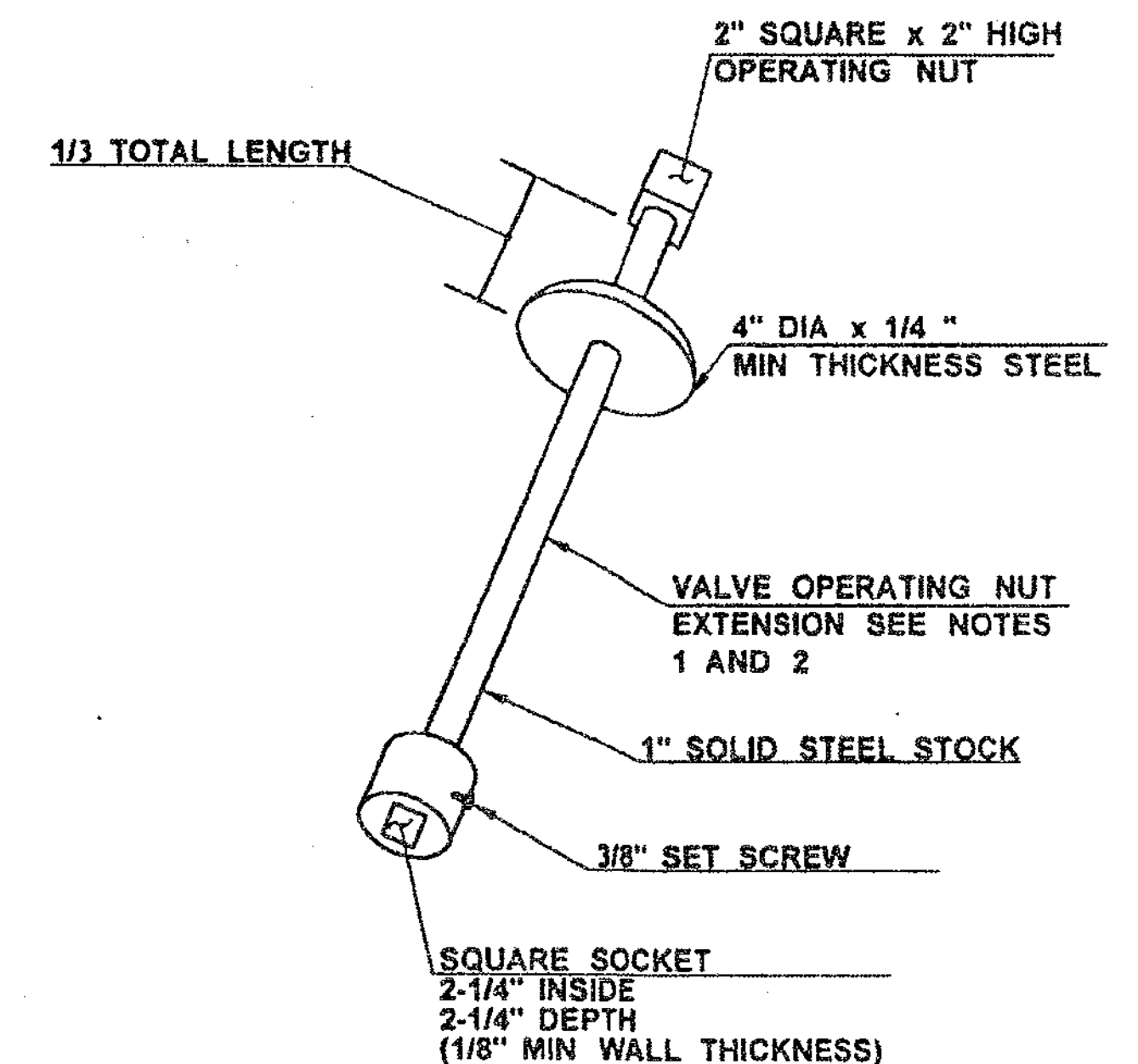


TYPICAL TRENCH DETAIL UNPAVED AND PAVED AREAS

NTS



VALVE BOX AND EXTENSION



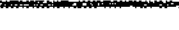
VALVE OPERATING NUT EXTENSION

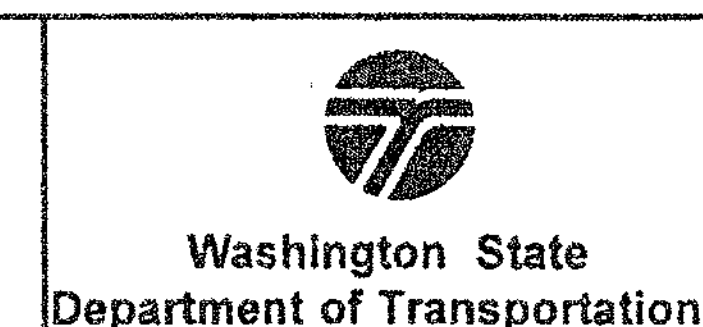
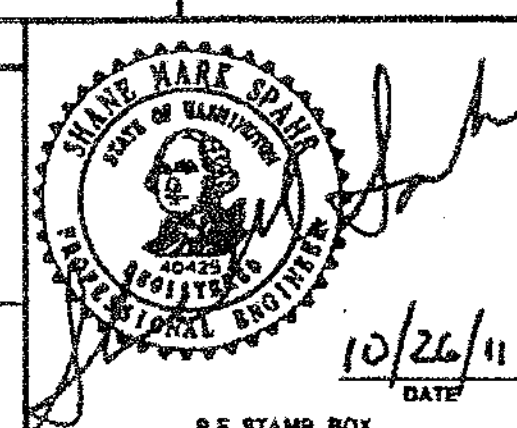
FOR "AS CONSTRUCTED
PLANS"

NOTES:

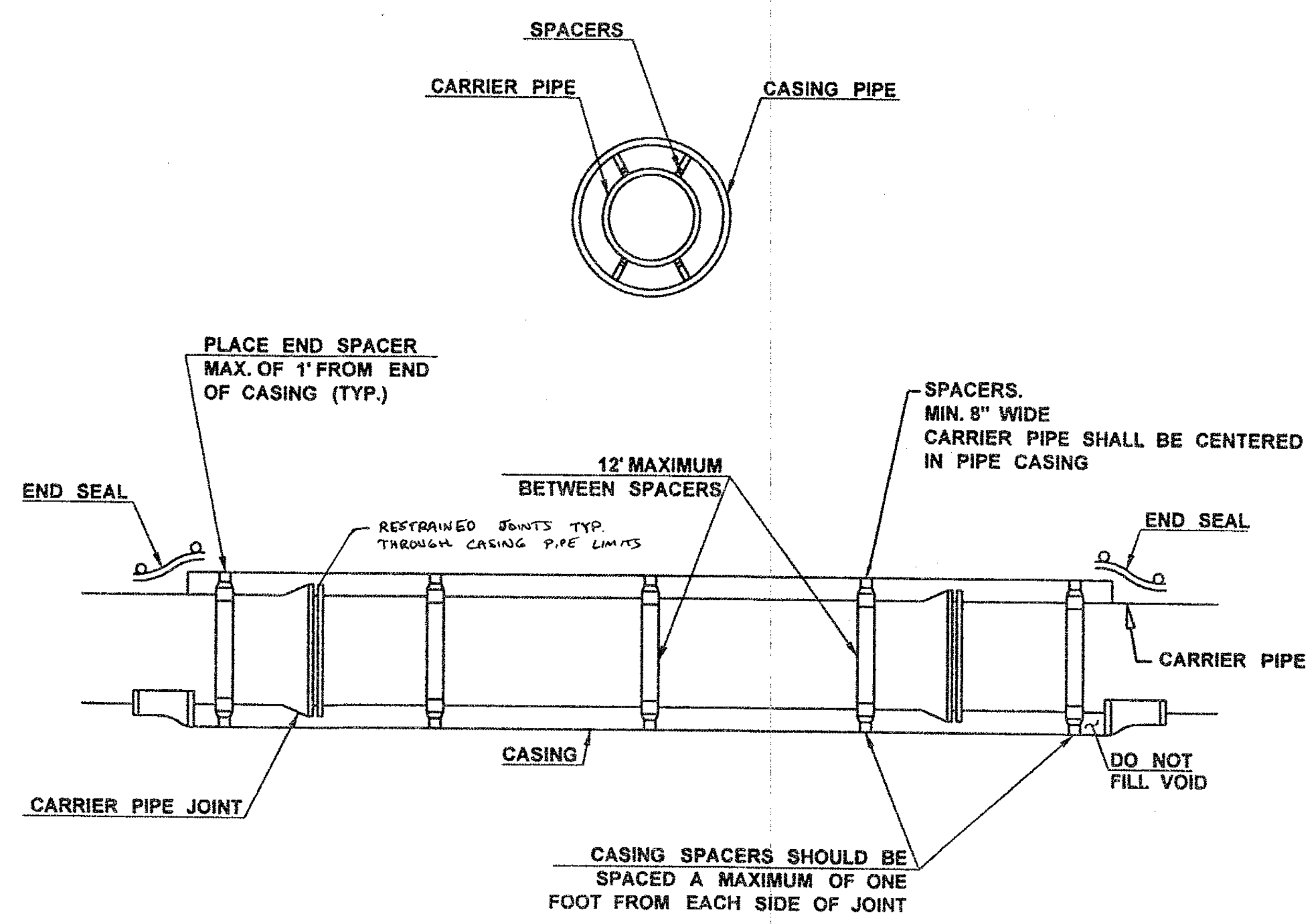
1. VALVE OPERATING NUT EXTENSIONS ARE REQUIRED WHEN THE VALVE NUT IS MORE THAN THREE (3) FEET BELOW FINISHED GRADE. EXTENSIONS ARE TO BE A MINIMUM OF ONE (1) FOOT LONG ONLY ONE EXTENSION WILL BE ALLOWED PER VALVE.
2. ALL VALVE OPERATING NUT EXTENSIONS ARE TO BE MADE OF STEEL, SIZED AS NOTED, AND PAINTED WITH TWO (2) COATS OF METAL PAINT.
3. VALVE BOXES SHALL BE CAST IRON, TWO PIECE UNITS, DESIGNED WITH DEEP SKIRT (2") LIDS W/LUGS.
4. 4" THICK CONCRETE PAD AROUND VALVE BOXES OUTSIDE OF PAVED AREAS. 2'x2' SQUARE AROUND SINGLE VALVE BOXES AND 4'x4' AROUND MULTIPLE VALVE BOXES.

NTS

FILE NAME I:\Projects\XL3325_SR9_SR531_172nd St NE In\CAD\PS&ESheets\XL3325 PS UTILITIES.dgn										 <i>Shawn K. Spahr</i> 10/26/11 DATE										 Washington State Department of Transportation										Plot 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TIME 10:51:00 AM		AD1 - DETAIL MODIFICATION				10/25/2011		SMS																						REGION NO. 10		STATE WASH		FED.AID PROJ.NO.										SR 9										SR 531/172ND ST NE & EAGLEFIELD DR										INTERSECTION IMPROVEMENT & PAVING										UD1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					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SR 9		Plot 3
SR 531/172ND ST NE & EAGLEFIELD DR		PLAN REF NO
INTERSECTION IMPROVEMENT & PAVING		UD1
UTILITY DETAILS		SHEET 101 OF 230 SHEETS

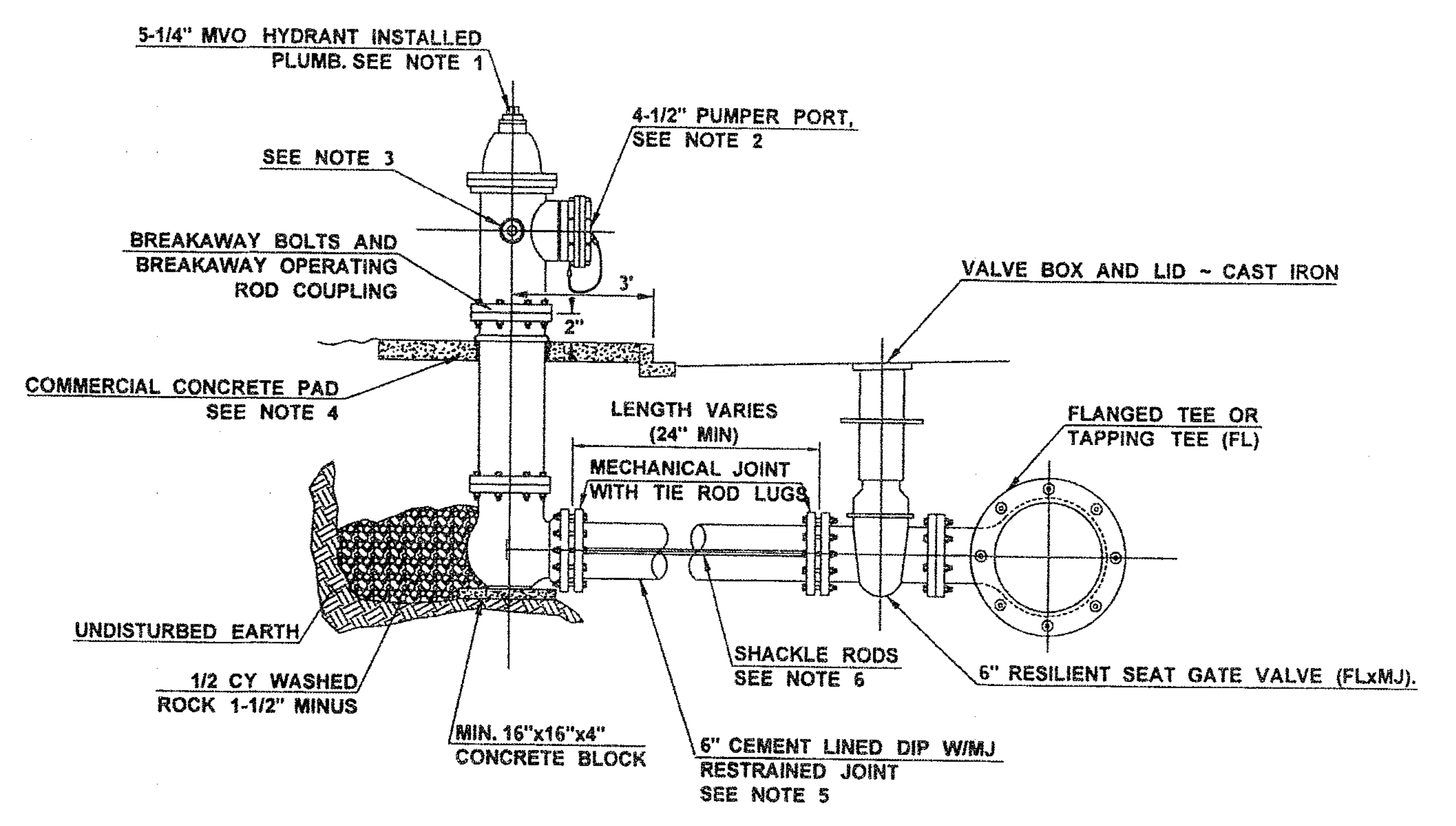


STEEL CASING

NOTES:

1. ANY PROPOSED VARIATION TO THIS DETAIL SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.
2. CASING SHALL BE SEALED AT BOTH ENDS.
3. PIPE CASINGS SHALL EXTEND 6 FEET BEYOND THE EDGE OF PAVEMENT. IF THE RIGHT-OF-WAY IS NOT OWNED BY CITY OF ARLINGTON, PIPE CASING SHALL EXTEND 6 FEET BEYOND RIGHT-OF-WAY.

NTS



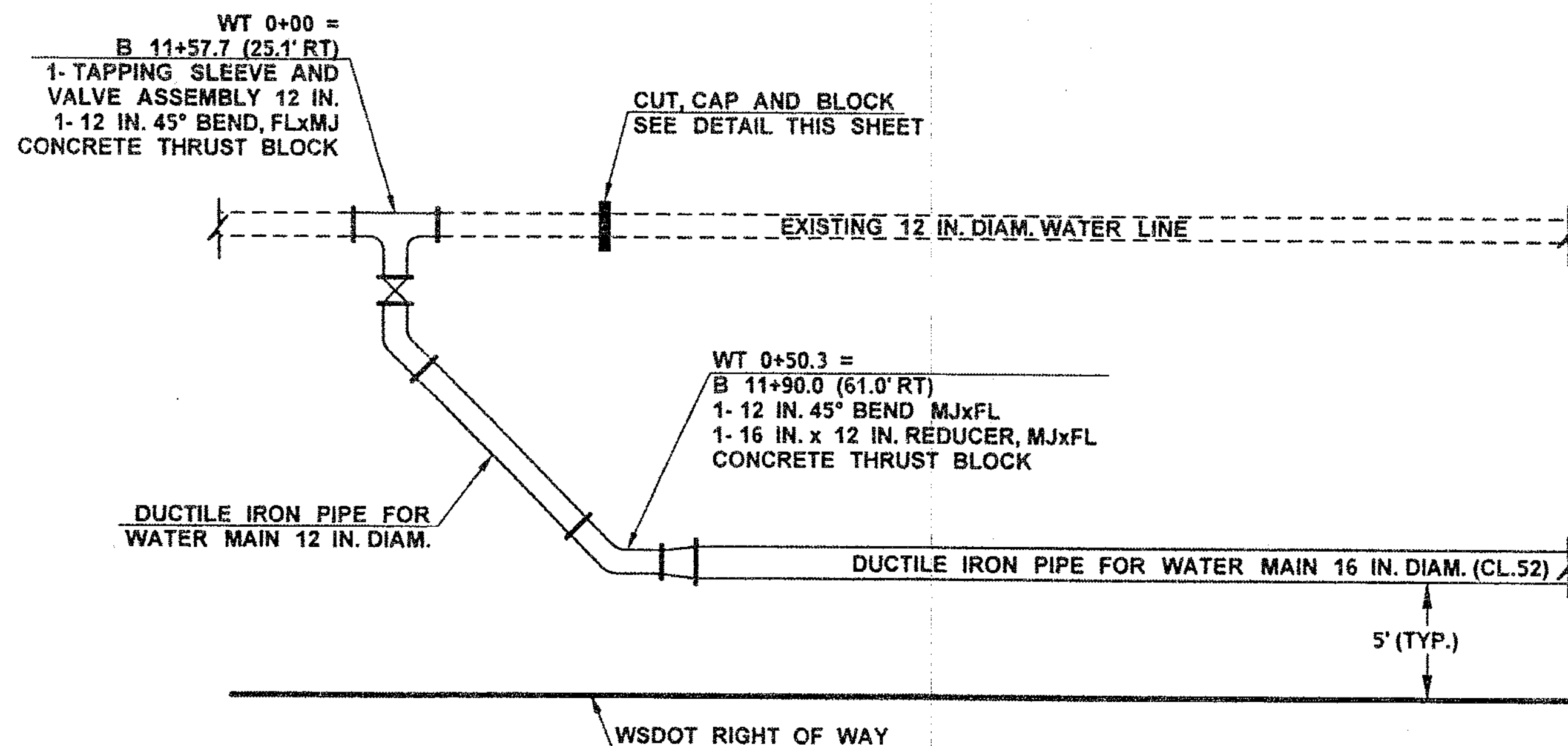
HYDRANT ASSEMBLY

NOTES:

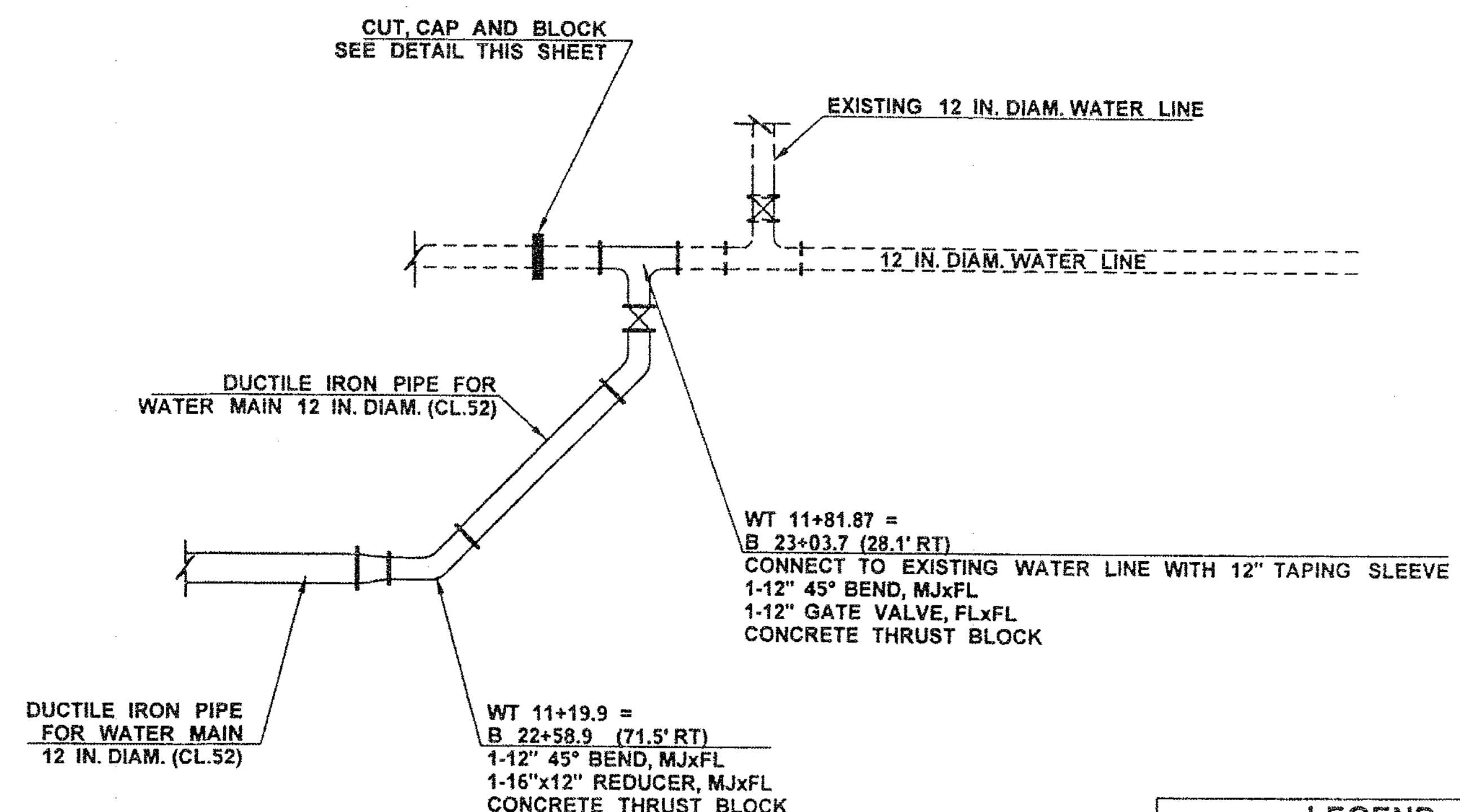
1. HYDRANTS AND ALL MATERIALS SHALL CONFORM TO AWWA STANDARDS AND SHALL BE OF STANDARD MANUFACTURE (M&H RELIANT OR MUELLER SUPER CENTURION 250 ONLY).
2. ONE 5" TO 4-1/2" PUMPER PORT W/N.S.T. AND STORZ ADAPTER ASSEMBLY. PUMPER PORT TO BE FACING STREET OR ROADWAY FOR THE FIRE ENGINE ACCESS.
3. TWO 2-1/2" HOSE PORTS W/N.S.T. AND 1-1/1" OPERATING NUTS.
4. INSTALL 3'x3'x4" CONCRETE PAD (3000 PSI) AROUND HYDRANT IN UNPAVED AREAS INCLUDING PLANTER STRIPS. COMPLETELY SURROUND HYDRANT W/FULL DEPTH OF CONCRETE PAD WITH 1/4" JOINT MATERIAL BEFORE PLACING CONCRETE.
5. HYDRANT RUN TO BE 6" DUCTILE IRON PIPE CLASS 52 WITH RESTRAINED JOINTS.
6. 3/4" GALV. SHACKLE RODS WITH THE EYE BOLTS AT BOTH ENDS REQUIRED FROM VALVE TO HYDRANT.
7. FIRE HYDRANTS SHALL BE PAINTED WITH TWO COATS OF HIGH GLOSS EQUIPMENT YELLOW PAINT.
8. INSTALL 24"x24"x4" CONCRETE PAD (3000 PSI) AROUND VALVE BOX AND 48"x48"x4" FOR MULTIPLE VALVE BOXES IN UNPAVED AREA.

NTS

FILE NAME		I:\Projects\XL3325 SR9 SR531 172nd St NE in\CAD\PS&ESheets\XL3325 PS UTILITIES.dgn		REGION NO.		STATE		FED.AID PROJ.NO.						SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING		Plot 4	
TIME		11:31:41 AM		10		WASH		UD2									
DATE		9/21/2011		JOB NUMBER		10A042		LOCATION NO.								SHEET 102 OF 230 SHEETS	
PLOTTED BY		lamaymp		CONTRACT NO.													
DESIGNED BY		M. LAMAY															
ENTERED BY		K. SOLWOLD															
CHECKED BY		J. KORESKE															
PROJ. ENGR.		S. SPAHR															
REGIONAL ADM.		L. ENG		REVISION		DATE		BY									



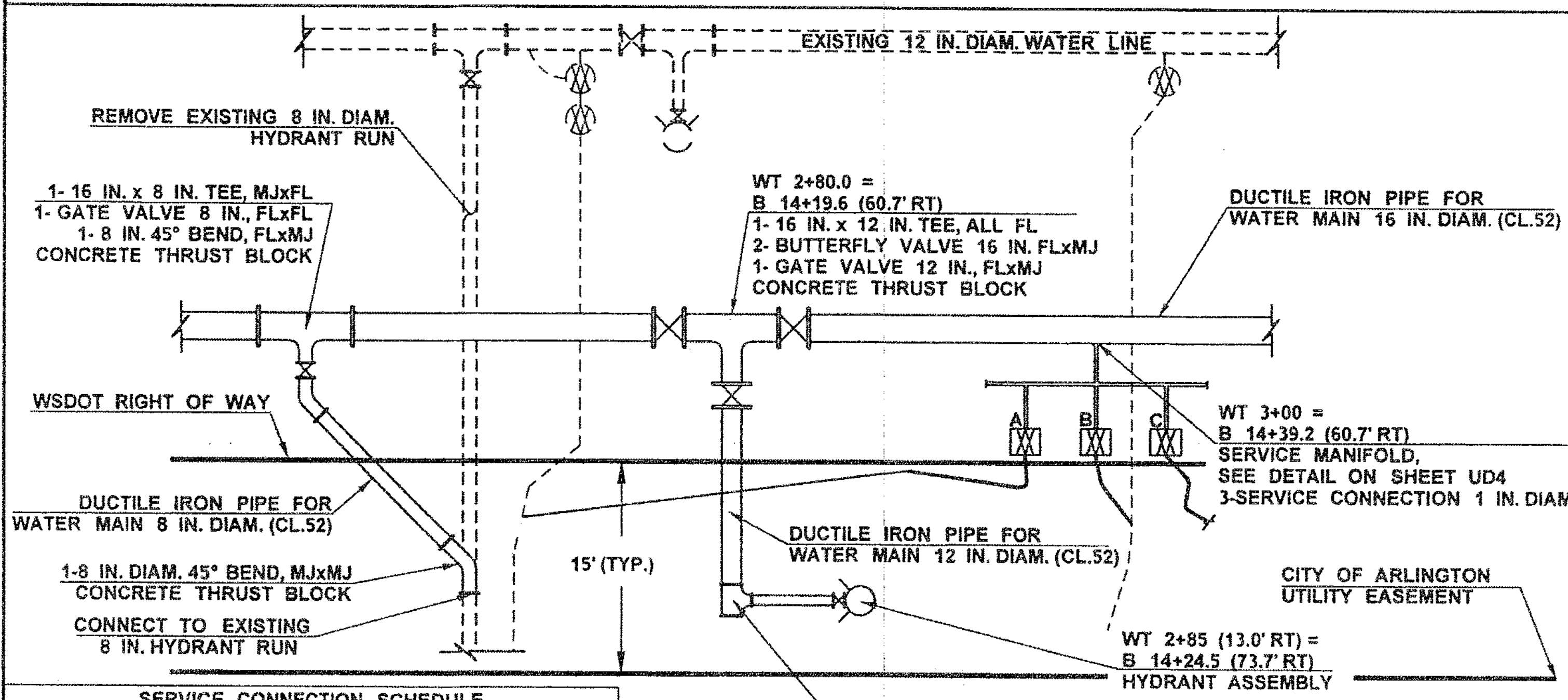
DETAIL A
N.T.S.



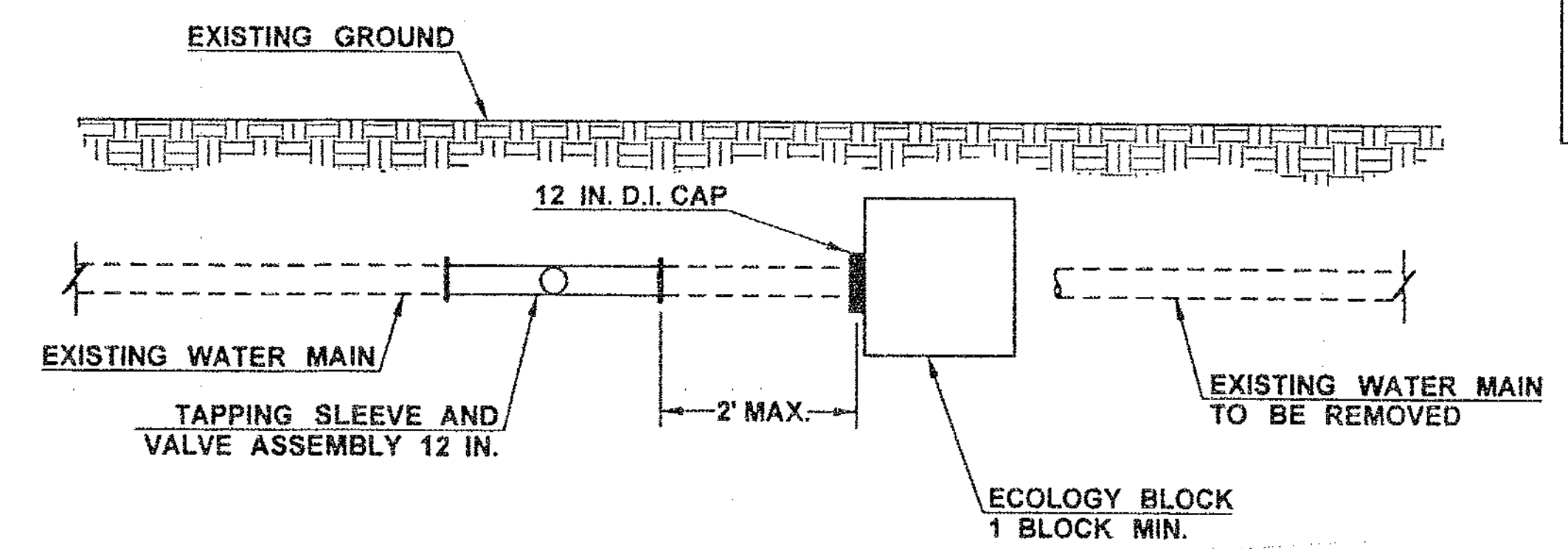
DETAIL C
N.T.S.

LEGEND

- 45° BEND
- REDUCER
- TEE/TAPPING SLEEVE
- VALVE
- EXISTING WATER METER
- NEW WATER METER
- EXISTING HYDRANT
- NEW HYDRANT
- EXISTING WATER LINE
- NEW WATERLINE



DETAIL B
N.T.S.

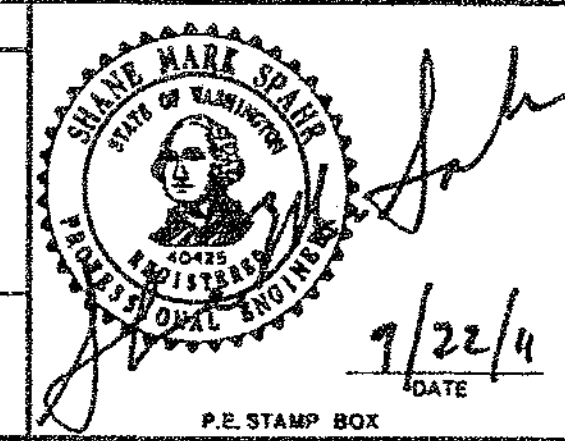


CAP AND BLOCK DETAIL
N.T.S.

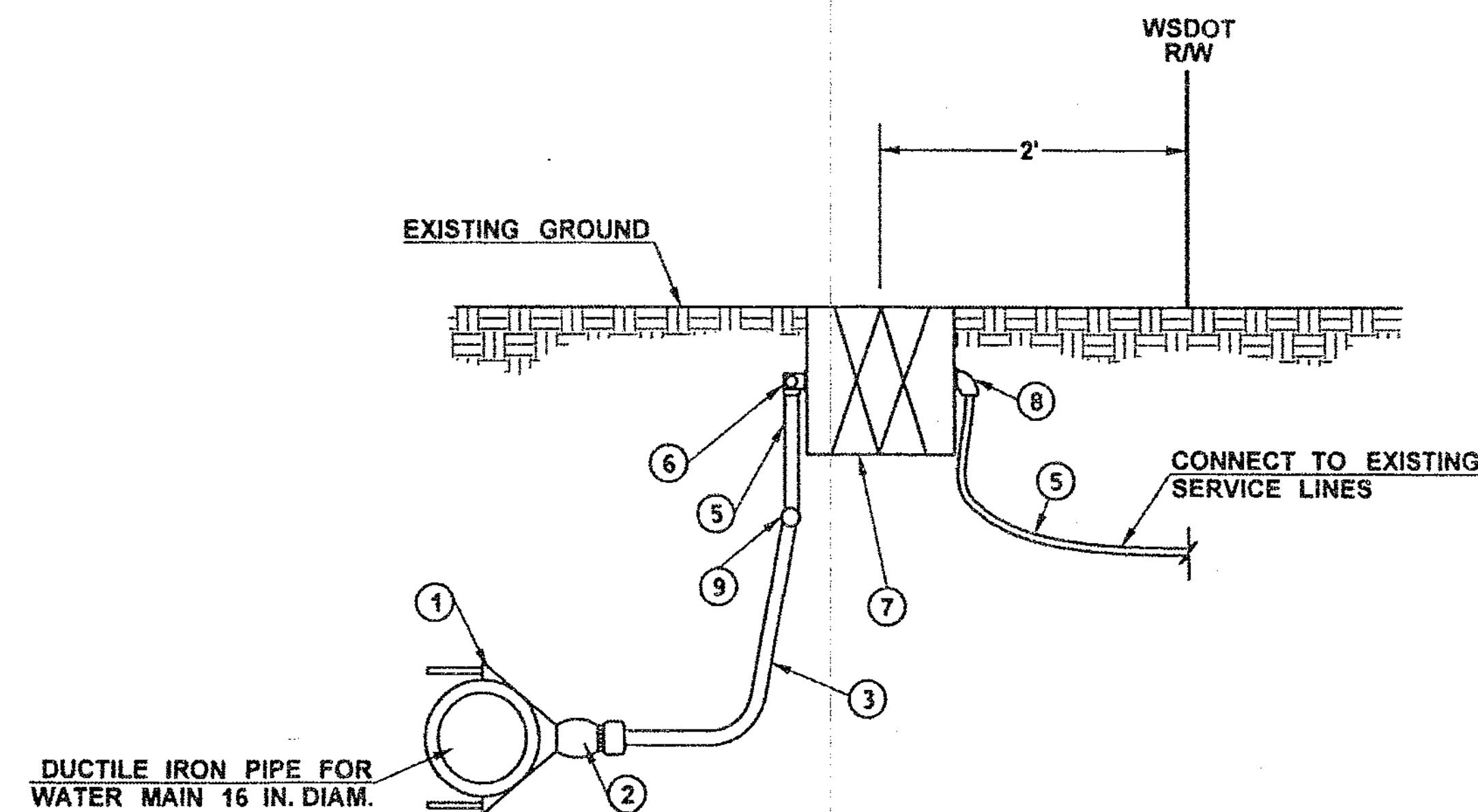
SERVICE CONNECTION SCHEDULE		
SERVICE	CUSTOMER	PHYSICAL ADDRESS
A	NORPOINT GUN RANGE	8620 172ND ST NE
B	VACANT	8620 172ND ST NE
C	NA	STUB FOR FUTURE USE

FILE NAME	I:\Projects\XL3325_SR9_SR531_172nd_St_NE_Int\CAD\PS&ESheets\XL3325_PS_UTILITIES.dgn		
TIME	11:31:42 AM		
DATE	9/21/2011		
PLOTTED BY	lamaymp		
DESIGNED BY	M. LAMAY		
ENTERED BY	K. SOLWOLD		
CHECKED BY	J. KORESKI		
PROJ. ENGR.	S. SPAHR		
REGIONAL ADM.	L. ENG		
REVISION	DATE	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER		
10A042		
CONTRACT NO.	LOCATION NO.	



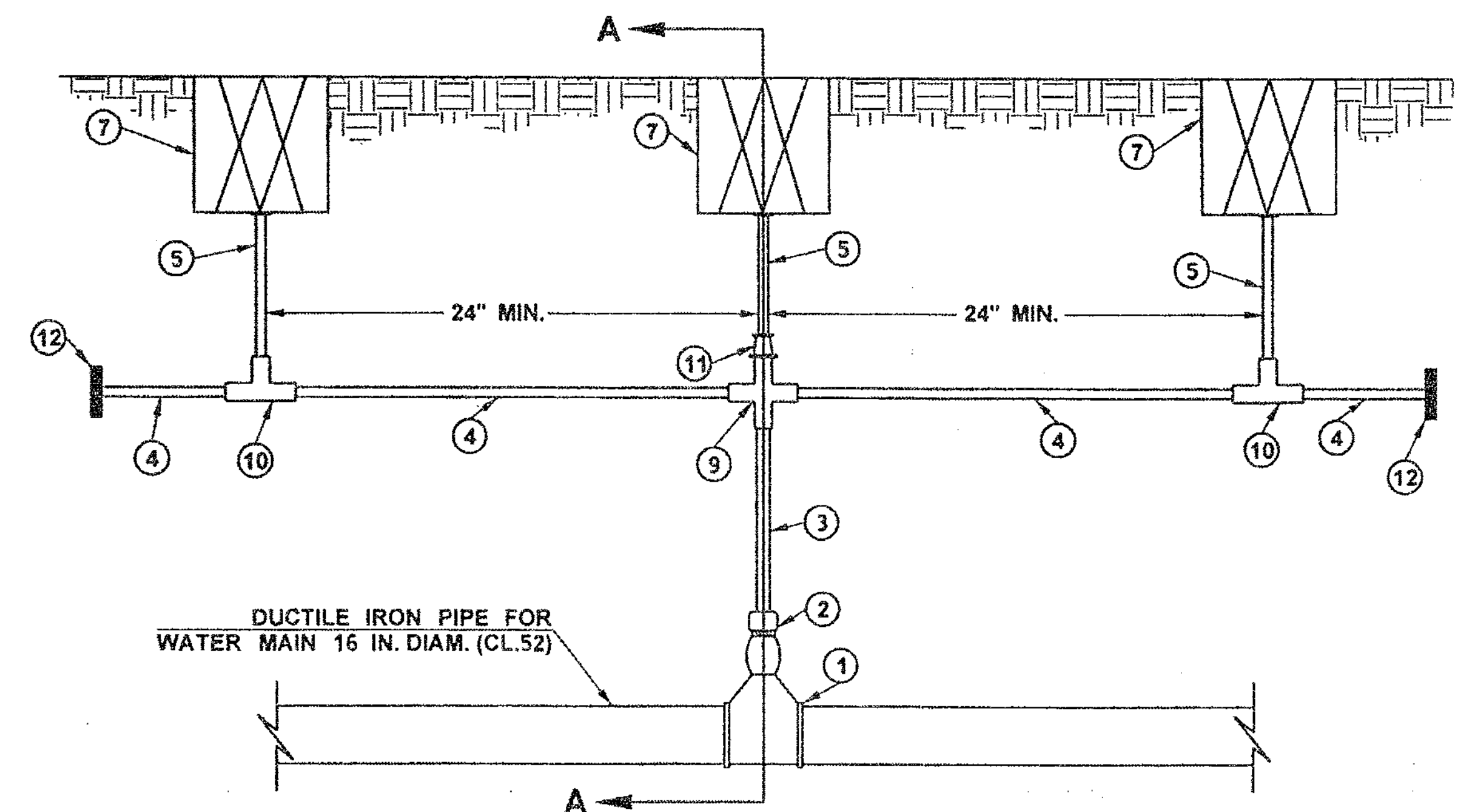
SR 9	Plot 5
SR 531/172ND ST NE & EAGLEFIELD DR	PLAN REF NO
INTERSECTION IMPROVEMENT & PAVING	UD3
UTILITY DETAILS	SHEET 103 OF 230 SHEETS



SECTION A-A
N.T.S.

GENERAL NOTES AND MATERIALS

- ① 2" CC SERVICE SADDLE.
- ② 2" BALL VALVE CORP. STOP X COMPRESSION CONNECTION
- ③ 2" HDPE CTS CLASS 200 HIGH SERVICE PIPE (200 PSIRATING) WITH STAINLESS STEEL STIFFENER AND 10 GAUGE COATED COPPER TRACER WIRE WRAPPED AROUND THE PIPE AND ATTACHED ON BOTH ENDS.
- ④ 2" BRASS PIPE.
- ⑤ 1" HDPE CTS POLY PIPE CLASS 200 HIGH SERVICE PIPE (200 PSIRXTING) WITH STAINLESS STEEL STIFFENER AND 10 GAUGE COATED COPPER TRACER WIRE WRAPPED AROUND THE PIPE AND ATTACHED ON BOTH ENDS.
- ⑥ 1"x5/8" ANGLE METER BALL VALVE.
- ⑦ 5/8" METER TO BE INSTALLED BY CITY UTILITY DIVISION. CONTRACTOR TO PROVIDE METER LENGTH BLANK STUB.
- ⑧ 3/4" ANGLE METER CHECK COUPLING WITH A 3/4" MIPT x 1" COMPRESSION ADAPTER.
- ⑨ 2" BRASS CROSS.
- ⑩ 2"x1" BRASS T
- ⑪ 2"x1" REDUCER.
- ⑫ 2" BRASS CAP.

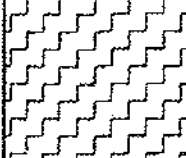
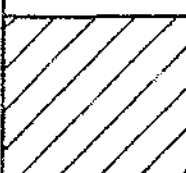
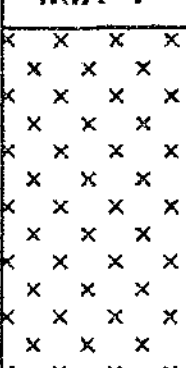


SERVICE MANIFOLD DETAIL
N.T.S.

FOR "AS CONSTRUCTED
PLANS" ONLY

FILE NAME I:\Projects\XL3325_SR9_SR531_172nd_St_NE_Int\CAD\PS&ESheets\XL3325_PS_UTILITIES.dgn		REGION NO. 10		STATE WASH	FED.AID PROJ.NO.			SR 9 SR 531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING	Plot 6			
TIME 10:01:21 AM	DATE 9/19/2011	DESIGNED BY M. LAMAY	ENTERED BY K. SOLWOLD	CHECKED BY J. KORESKI	PROJ. ENGR. S. SPAHR				REGIONAL ADM. L. ENG	REVISION	DATE	BY
UTILITY DETAILS												SHEET 104 OF 230 SHEETS

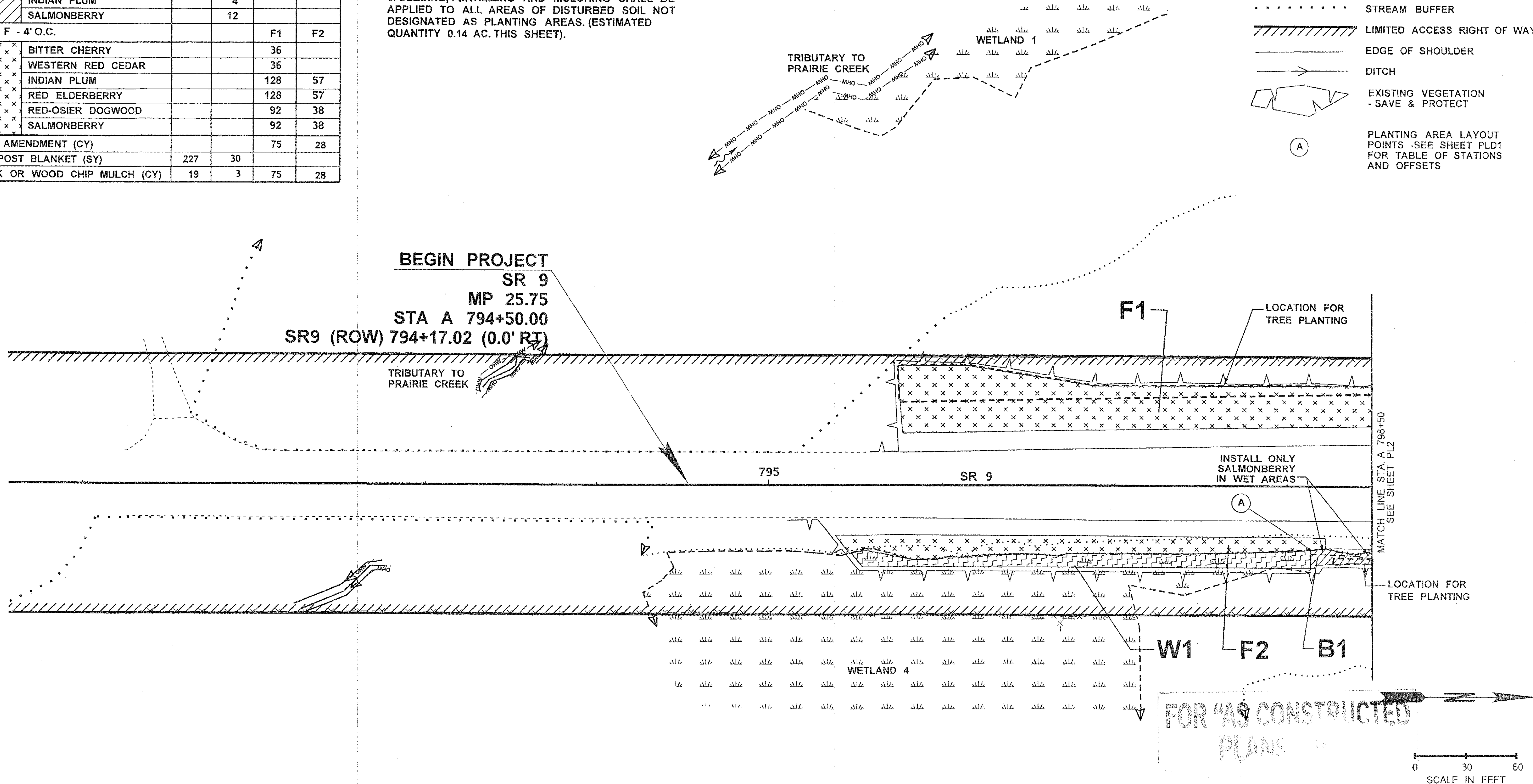
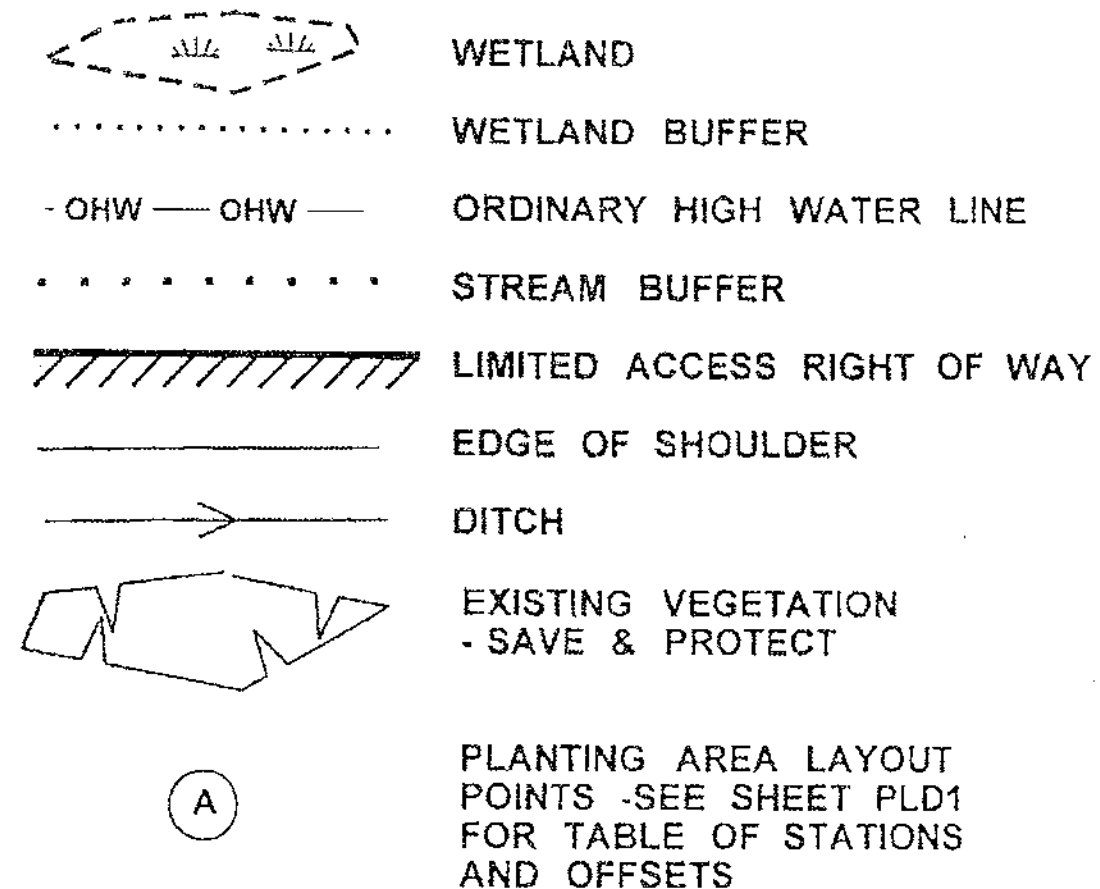
T. 31N. R. 5E. W.M.

QUANTITY TAB - THIS SHEET ONLY				
SYMBOL	ITEM	QUANTITY		
MIX W	- 4' O.C.	W1		
	SALMONBERRY	115		
	SCOULER'S WILLOW			
	SLOUGH SEDGE (NOTE 2)	149		
MIX B	- 4' O.C.		B1	
	WESTERN RED CEDAR		2	
	INDIAN PLUM		4	
	SALMONBERRY		12	
MIX F	- 4' O.C.			F1 F2
	BITTER CHERRY		36	
	WESTERN RED CEDAR		36	
	INDIAN PLUM		128	57
	RED ELDERBERRY		128	57
	RED-OSIER DOGWOOD		92	38
	SALMONBERRY		92	38
SOIL AMENDMENT (CY)			75	28
COMPOST BLANKET (SY)		227	30	
BARK OR WOOD CHIP MULCH (CY)		19	3	75 28

NOTES:

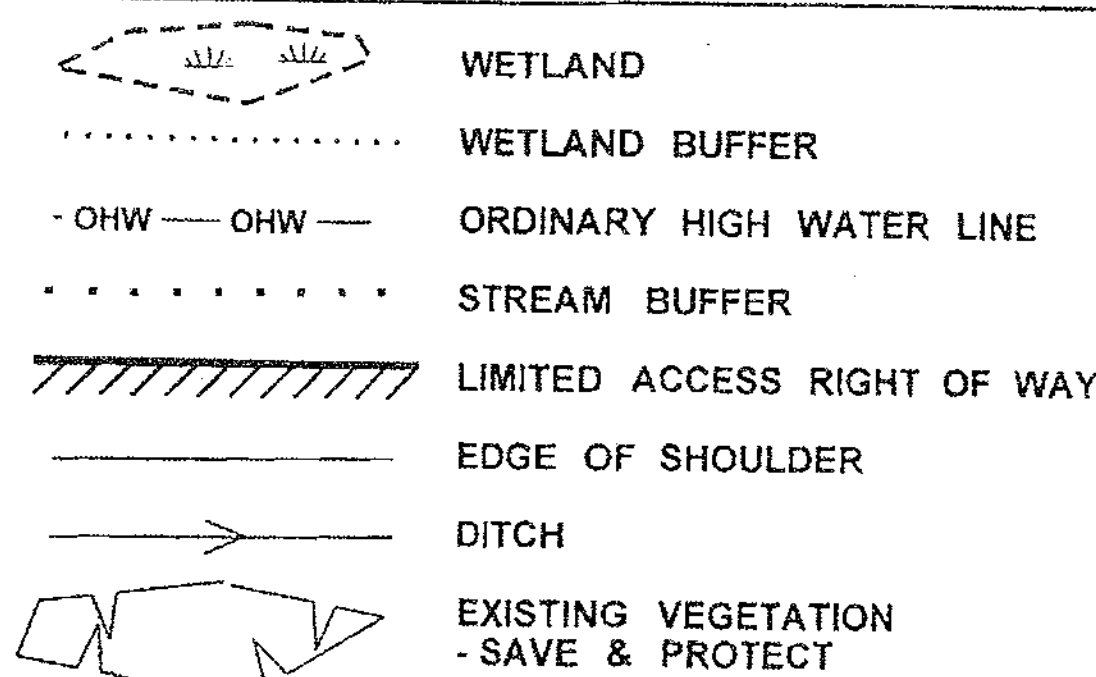
1. INSTALL TREES NO CLOSER THAN 8 FT. O.C.
2. INSTALL THREE PLANTS PER PLANTING LOCATION. SEE DETAIL, SHEET PLD2.
3. SEEDING, FERTILIZING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF DISTURBED SOIL NOT DESIGNATED AS PLANTING AREAS. (ESTIMATED QUANTITY 0.14 AC. THIS SHEET).

LEGEND



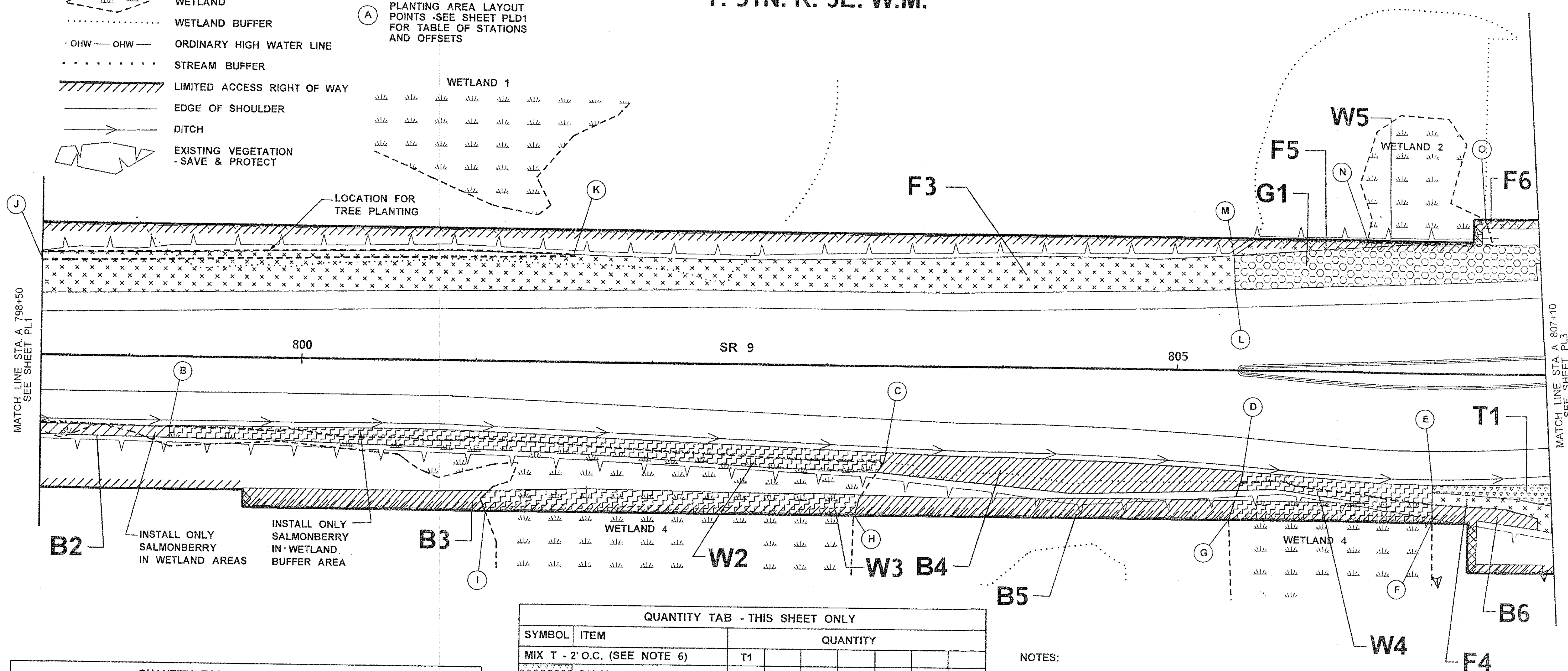
FILE NAME T:\412006\XL3325 SR 9 & SR 531 I-CICADIPS&ESheets\Ad copy\XL3325 PS_LA Ad.dgn										REGION NO.		STATE	FED.AID PROJ.NO.		 STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT  DAVID S. PETERSON CERTIFICATE NO. 476 DATE: 09/28/11 EXPIRES: 02/04/2013		 Washington State Department of Transportation		SR9 SR531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING		Plot 1 PLAN REF NO. PL1
TIME	5:52:10 PM									10	WASH							SHEET 105 OF			
DATE	9/28/2011									JOB NUMBER 10A042								230 SHEETS			
PLOTTED BY	frenchi									CONTRACT NO.		LOCATION NO.									
DESIGNED BY	L.FRENCH																				
ENTERED BY	K.McLEAN																				
CHECKED BY	J. HARTWIG																				
PROJ. ENGR.	S.SPAHR																				
REGIONAL ADM.	L. ENG	REVISION			DATE			BY													

LEGEND



(A) PLANTING AREA LAYOUT
POINTS - SEE SHEET PLD1
FOR TABLE OF STATIONS
AND OFFSETS

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



QUANTITY TAB - THIS SHEET ONLY									
SYMBOL	ITEM	QUANTITY							
MIX W - 4' O.C. (SEE NOTE 4,5)		W2	W3	W4	W5				
	SALMONBERRY	117	75	106	11				
	SCOULER'S WILLOW								
	SLOUGH SEDGE (NOTE 2)	150	96	135	14				
MIX F - 4' O.C. (SEE NOTE 4)						F3	F4	F5	F6
	BITTER CHERRY					8	2	2	1
	WESTERN RED CEDAR					25	2	2	1
	INDIAN PLUM					280	12	10	3
	RED ELDERBERRY					187	8	7	2
	RED-OSIER DOGWOOD					120	4	3	1
	SALMONBERRY					280	12	10	3
	SOIL AMENDMENT (CY)					131			
	COMPOST BLANKET (SY)	453		144	24		61	51	
	BARK OR WOOD CHIP MULCH (CY)	38	3	16	1	131	5	4	1

QUANTITY TAB - THIS SHEET ONLY									
SYMBOL	ITEM	QUANTITY							
MIX T - 2' O.C. (SEE NOTE 6)						T1			
	SALAL					102			
	WESTERN SWORD FERN					36			
MIX G - 4' O.C. (SEE NOTE 5)							G1		
	WESTERN RED CEDAR					27			
	BEAKED HAZELNUT					67			
	RED ELDERBERRY					27			
	SALAL (NOTE 2)					81			
	SCOULER'S WILLOW					67			
	VINE MAPLE					54			
MIX B - 4' O.C. (SEE NOTE 4,5)							B2	B3	B4
	WESTERN RED CEDAR						7	23	11
	INDIAN PLUM						6	14	46
	SALMONBERRY						13	48	160
	SOIL AMENDMENT (CY)					35			
	COMPOST BLANKET (SY)					56	51		353
	BARK OR WOOD CHIP MULCH (CY)					5	35	4	29

NOTES:

1. INSTALL TREES NO CLOSER THAN 8 FT. O.C.

2. INSTALL THREE PLANTS PER PLANTING LOCATION. SEE DETAIL, SHEET PLD2.

3. SEEDING, FERTILIZING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF DISTURBED SOIL NOT DESIGNATED AS PLANTING AREAS. (ESTIMATED QUANTITY 0.57 AC. THIS SHEET).

4. PLANTING AREAS B3, W3, B5, W5, F6, F7, AND PORTIONS OF W4 AND B6 SHALL BE PLANTED AMONGST EXISTING DESIRABLE VEGETATION. SPACING IS APPROXIMATE AND MULCH RINGS SHALL BE INSTALLED IN A 2' DIA. AROUND EACH PLANT.

5. IN PLANTING AREAS G1, B2 AND W2, NO TREES SHALL BE PLANTED IN THE FIRST TWO ROWS CLOSEST TO ROADWAY. SEE PLANT LIST ON DETAIL SHEET PLD1.

6. PLANT SALAL AT 2' O.C. SPACING; WESTERN SWORD FERN AT 4' O.C. SPACING.

FOR "AS CONSTRUCTED"
PLANS



0 30 60
SCALE IN FEET

FILE NAME T:\412006\XL3325 SR 9 & SR 531 I-CADIPS&ESheets\Ad copy\XL3325_PS_LA Ad.dgn

TIME 9:26:55 AM

DATE 9/22/2011

PLOTTED BY french

DESIGNED BY L.FRENCH

ENTERED BY K.MCLEAN

CHECKED BY J.HARTWIG

PROJ. ENGR. S.SPAHR

REGIONAL ADM. L. ENG

REVISION

DATE

BY

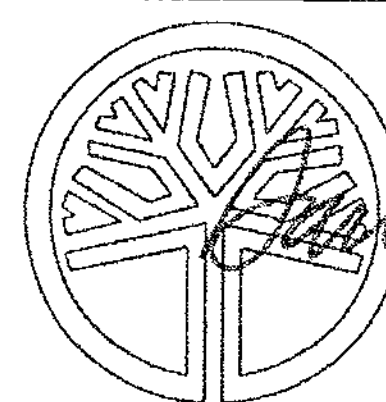
REGION NO. 10
STATE WASH

JOB NUMBER 10A042

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.



STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT
DAVID S. PETERSON
CERTIFICATE NO. 416
DATE: 09/22/11
EXPIRES: 02/04/2013

Washington State
Department of Transportation

SR9
SR531/172ND ST NE & EAGLEFIELD DR
INTERSECTION IMPROVEMENT & PAVING

PLANTING PLAN

Plot 2

PLAN REF NO

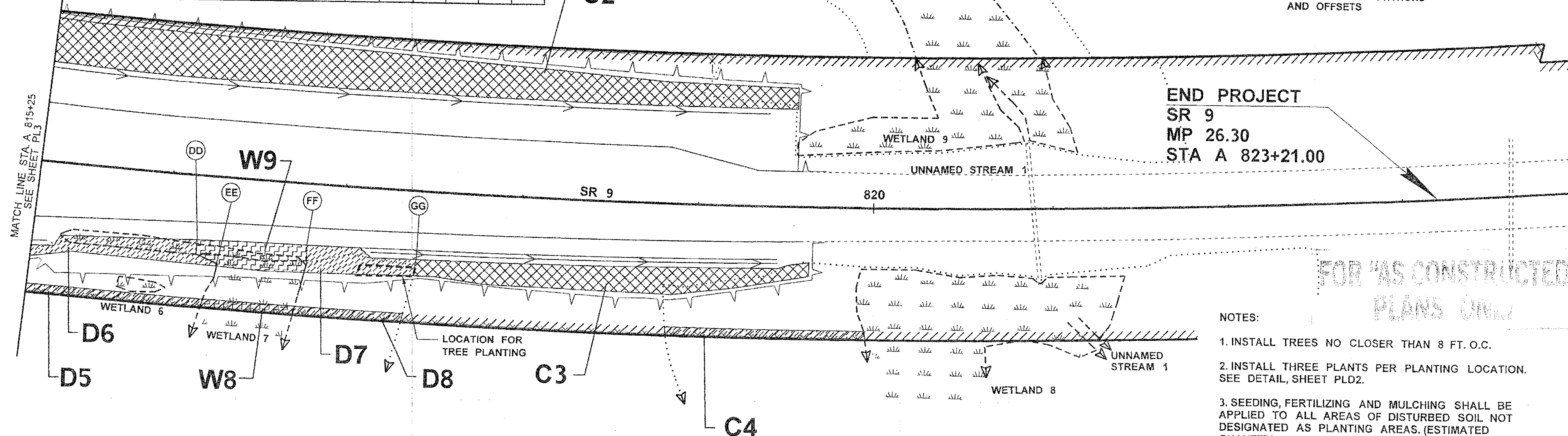
PL2

SHEET 106
OF 230
SHEETS

QUANTITY TAB - THIS SHEET ONLY										
SYMBOL	ITEM	QUANTITY								
MIX W - 4' O.C. (SEE NOTE 4)		W8	W9							
	SALMONBERRY	9	47							
	SCOULER'S WILLOW	4	20							
	SLOUGH SEDGE (NOTE 2)									
MIX D - 4' O.C. (SEE NOTE 4)				D5	D6	D7	D8			
	BITTER CHERRY			1		2	1			
	CASCARA			1		2	1			
	INDIAN PLUM			8	24	14	5			
	SALAL (NOTE 2)			30	87	58	19			
	VINE MAPLE			5	20	10	3			
MIX C - 4' O.C. (SEE NOTE 5, 6)								C2	C3	C4
	WESTERN RED CEDAR							58	22	7
	INDIAN PLUM							120	45	3
	RED ELDERBERRY							48	18	7
	VINE MAPLE							120	45	3
	WESTERN CRABAPPLE							48	18	3
	THIMBLEBERRY							87	32	5
	COMPOST BLANKET (SY)		103		112	86			302	
	SOIL AMENDMENT (CY)							940	25	
	BARK OR WOOD CHIP MULCH (CY)	9	1	7	7	1	78			1

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

- LEGEND**
- WETLAND
 - WETLAND BUFFER
 - ORDINARY HIGH WATER LINE
 - STREAM BUFFER
 - LIMITED ACCESS RIGHT OF WAY
 - EDGE OF SHOULDER
 - DITCH
 - EXISTING VEGETATION - SAVE & PROTECT
 - PLANTING AREA LAYOUT POINTS - SEE SHEET PLD1 FOR TABLE OF STATIONS AND OFFSETS



- NOTES:**
1. INSTALL TREES NO CLOSER THAN 8 FT. O.C.
 2. INSTALL THREE PLANTS PER PLANTING LOCATION. SEE DETAIL, SHEET PLD2.
 3. SEEDING, FERTILIZING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF DISTURBED SOIL NOT DESIGNATED AS PLANTING AREAS. (ESTIMATED QUANTITY 0.39 AC. THIS SHEET).
 4. PLANTING AREAS W8, D5 AND D8 SHALL BE PLANTED AMONGST EXISTING DESIRABLE VEGETATION. O.C. SPACING IS APPROXIMATE AND MULCH RINGS SHALL BE INSTALLED IN A 2' DIA. AROUND EACH PLANT IN THESE AREAS OF INTERPLANTING.
 5. IN PLANTING AREA C3, NO TREES SHALL BE PLANTED IN THE FIRST TWO ROWS CLOSEST TO THE ROADWAY.
 6. IN PLANTING AREA C2, NO TREES SHALL BE PLANTED IN THE FIRST ROW CLOSEST TO THE ROADWAY.

FILE NAME: T:\412006\XL3325 SR 9 & SR 531 I-CICADIPS&ESheets\Ad copy\XL3325 PS_LA Ad.dgn		REGION NO. 10		STATE WASH	FED.AID PROJ.NO.	 Washington State Department of Transportation	SR9 SR531/172ND ST NE & EAGLEFIELD DR INTERSECTION IMPROVEMENT & PAVING PLANTING PLAN	Plot 4
TIME: 9:27:01 AM		JOB NUMBER: 10A042		LOCATION NO.	PLAN REF NO. PL4			
DATE: 9/22/2011		CONTRACT NO.			SHEET 108 OF 230 SHEETS			
PLOTTED BY: frenchl								
DESIGNED BY: L.FRENCH								
ENTERED BY: K.McLEAN								
CHECKED BY: J.HARTWIG								
PROJ. ENGR. S.SPAHR								
REGIONAL ADM. L.ENG	REVISION	DATE	BY					

DAVID S. PETERSON
 CERTIFICATE NO. 176
 DATE: 09/22/11
 EXPIRES: 02/04/2013

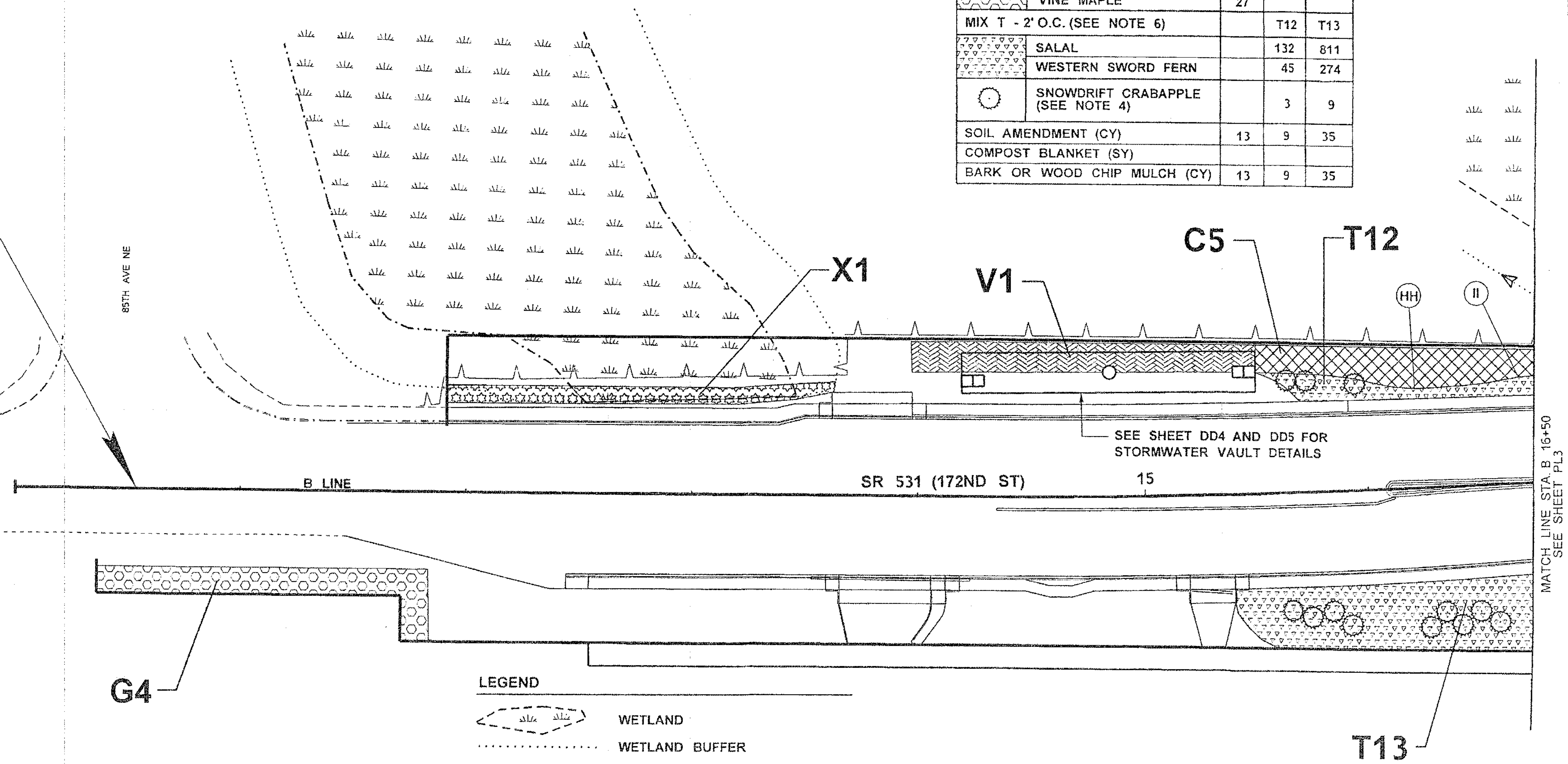
STATE OF WASHINGTON
 REGISTERED
 LANDSCAPE ARCHITECT

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

QUANTITY TAB - THIS SHEET ONLY				
SYMBOL	ITEM	QUANTITY		
MIX X - 4' O.C.		X1		
DOUGLAS SPIREA		88		
MIX V - 3' O.C.			V1	
NOOTKA ROSE			160	
SNOWBERRY			106	
MIX C - 4' O.C.				C5
WESTERN RED CEDAR				16
INDIAN PLUM				33
RED ELDERBERRY				13
VINE MAPLE				33
WESTERN CRABAPPLE				13
THIMBLEBERRY				24
COMPOST BLANKET (SY)		143	230	202
BARK OR WOOD CHIP MULCH (CY)		12	19	17

QUANTITY TAB - THIS SHEET ONLY				
SYMBOL	ITEM	QUANTITY		
MIX G - 4' O.C.		G4		
WESTERN RED CEDAR			14	
BEAKED HAZELNUT			9	
RED ELDERBERRY			4	
SALAL (NOTE 2)			81	
SCOULER'S WILLOW			18	
VINE MAPLE			27	
MIX T - 2' O.C. (SEE NOTE 6)			T12	T13
SALAL			132	811
WESTERN SWORD FERN			45	274
SNOWDRIFT CRABAPPLE (SEE NOTE 4)			3	9
SOIL AMENDMENT (CY)			13	9
COMPOST BLANKET (SY)				35
BARK OR WOOD CHIP MULCH (CY)			13	9
				35

BEGIN CONSTRUCTION
SR 531
MP 9.72
STA B 10+53.8 =
SR 531 (ROW) 59+09.79 (1.31'RT)



NOTES:

1. INSTALL TREES NO CLOSER THAN 8 FT. O.C.
2. INSTALL THREE PLANTS PER PLANTING LOCATION. SEE DETAIL, SHEET PLD2.
3. SEEDING, FERTILIZING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF DISTURBED SOIL NOT DESIGNATED AS PLANTING AREAS. (ESTIMATED QUANTITY 0.16 AC. THIS SHEET).
4. LOCATIONS TO BE STAKED IN THE FIELD BY ENGINEER.
5. PLANTING AREAS OUTSIDE OF CLEARING AND GRUBBING LIMITS SHALL RECEIVE WEED CONTROL PRIOR TO PLANTING, IN ACCORDANCE WITH THE SPECIAL PROVISION PLANTING AREA WEED CONTROL.
6. SALAL SHALL BE SPACED AT 2' O.C. AND WESTERN SWORD FERN SHALL BE SPACED AT 4' O.C.

LEGEND

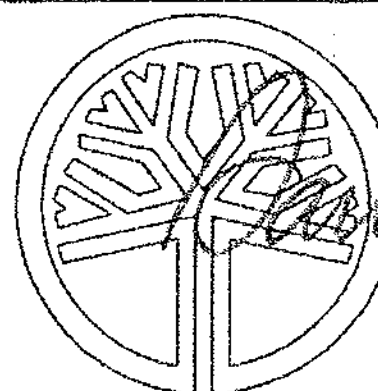
- WETLAND
- WETLAND BUFFER
- ORDINARY HIGH WATER LINE
- STREAM BUFFER
- LIMITED ACCESS RIGHT OF WAY
- EDGE OF SHOULDER
- DITCH
- EXISTING VEGETATION - SAVE & PROTECT
- PLANTING AREA LAYOUT POINTS - SEE SHEET PLD1 FOR TABLE OF STATIONS AND OFFSETS

0 30 60
SCALE IN FEET

FILE NAME	T:\412006\XL3325 SR 9 & SR 531 J-C\CADIPS&ESheets\Ad copy\XL3325_PS_LA Ad.dgn
TIME	5:52:11 PM
DATE	9/28/2011
PLOTTED BY	frenchl
DESIGNED BY	L.FRENCH
ENTERED BY	K.McLEAN
CHECKED BY	J.HARTWIG
PROJ. ENGR.	S.SPAHR
REGIONAL ADM.	L.ENG
REVISION	
DATE	
BY	

REGION NO.	STATE
10	WASH
JOB NUMBER	
10A042	
CONTRACT NO.	

FED.AID PROJ.NO.	
LOCATION NO.	

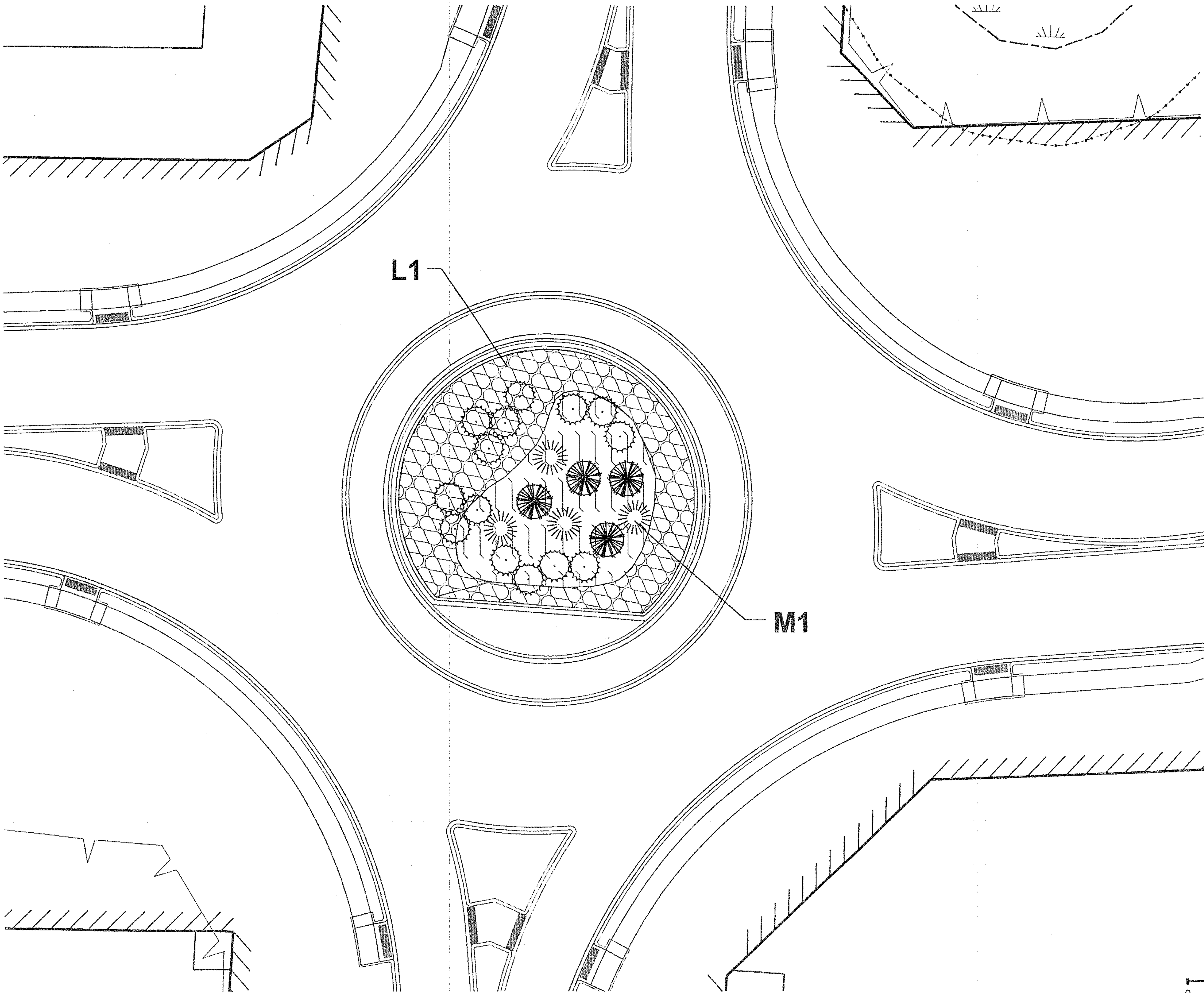


STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT
DAVID S. PETERSON
CERTIFICATE NO. 476
DATE: 09/28/11
EXPIRES: 02/04/2013

Washington State
Department of Transportation

SR9
SR531/172ND ST NE & EAGLEFIELD DR
INTERSECTION IMPROVEMENT & PAVING
PLANTING PLAN

Plot 5
PLAN REF NO
PL5
SHEET
109
OF
230
SHEETS



QUANTITY TAB - THIS SHEET ONLY		
SYMBOL	ITEM	QUANTITY
	MIX L - 2' O.C.	L1
	SALAL	817
	MIX M - 2' O.C. (SEE NOTE 2)	M1
	SALAL	415
	VINE MAPLE	115
	WESTERN SWORD FERN	45
TREES		
	WESTERN HEMLOCK	4
	WESTERN RED CEDAR	4
	SNOWDRIFT CRABAPPLE	14
	COMPOST BLANKET (SY)	2844
	BARK OR WOOD CHIP MULCH (CY)	236

- NOTE:
1. TREES TO BE SPACED NO CLOSER THAN 8 FT. O.C.
 2. PLANT SALAL AT 2' O.C., WESTERN SWORD FERN AT A MINIMUM OF 4' O.C. AND VINE MAPLE AT A MINIMUM OF 8 O.C.
 3. LOCATIONS OF TREES TO BE STAKED IN THE FIELD BY ENGINEER.
 4. PLANTING AREA LIMITS TO BE LAID OUT IN THE FIELD BY ENGINEER.
 5. SEE SHEET PLD3 FOR THE ROUNDABOUT CONTOUR GRADING PLAN

LEGEND	
	WETLAND
	WETLAND BUFFER
	ORDINARY HIGH WATER LINE
	STREAM BUFFER
	LIMITED ACCESS RIGHT OF WAY
	EDGE OF SHOULDER
	EXISTING VEGETATION - SAVE & PROTECT

0 15 30
SCALE IN FEET

FOR "AS CONSTRUCTED"
PLANS

FILE NAME T:\412006\XL3325 SR 9 & SR 531 I-CICAD\PS&ESheets\Ad copy\XL3325_PS_LA Ad.dgn										REGION NO. STATE		FED.AID PROJ.NO.			STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT DAVID S. PETERSON CERTIFICATE NO. A76 DATE: 09/22/11 EXPIRES: 02/04/2013		Washington State Department of Transportation	SR9		Plot 7
TIME 9:27:06 AM						10	WASH			SR531/172ND ST NE & EAGLEFIELD DR		PLAN REF NO PL7								
DATE 9/22/2011						JOB NUMBER 10A042				INTERSECTION IMPROVEMENT & PAVING										
PLOTTED BY frenchl						CONTRACT NO.		LOCATION NO.		PLANTING PLAN		SHEET 111 OF 230 SHEETS								
DESIGNED BY L.FRENCH																				
ENTERED BY K.McLEAN																				
CHECKED BY J.HARTWIG																				
PROJ. ENGR. S.SPAHR																				
REGIONAL ADM. LENG																				
		REVISION		DATE	BY															

PLANT MATERIAL LIST

COMMON NAME	BOTANICAL NAME	QUANTITY	SIZE	ROOT CONDITION	REMARKS
TREES					
BITTER CHERRY	PRUNUS EMARGINATA	93	12 IN. HT.	NO. 1 CONT.	
WESTERN HEMLOCK	TSUGA HETEROPHYLLA	4	6 FT. HT.	BALL & BURLAP	NATURAL FORM, NO SHEARED TREES
SNOWDRIFT CRABAPPLE	MALUS 'SNOWDRIFT'	91	2 IN. CAL.	BALL & BURLAP	
WESTERN CRABAPPLE	MALUS FUSCA	170	12 IN. HT.	NO. 1 CONT.	
WESTERN REDCEDAR	THUJA PLICTA	4	6 FT. HT.	BALL & BURLAP	NATURAL FORM, NO SHEARED TREES
WESTERN REDCEDAR	THUJA PLICTA	471	18 IN. HT.	NO. 2 CONT.	NATURAL FORM, NO SHEARED TREES
SHRUBS					
BEAKED HAZELNUT	CORYLUS CORNUTA	110	12 IN. HT.	NO. 1 CONT.	2 CANES MIN.
CASCARA	RHAMNUS PURSHIANA	13	12 IN. HT.	NO. 1 CONT.	2 CANES MIN.
DOUGLAS SPIRAEA	SPIRAEA DOUGLASII	88	12 IN. HT.	NO. 1 CONT.	2 CANES MIN.
INDIAN PLUM	OEMLERIA CERASIFORMIS	1285	12 IN. HT.	NO. 1 CONT.	2 CANES MIN.
NOOTKA ROSE	ROSA NUTKANA	160	12 IN. HT.	NO. 1 CONT.	2 CANES MIN.
RED ELDERBERRY	SAMBUCUS RACEMOSA	737	12 IN. HT.	NO. 1 CONT.	2 GROWTH POINTS MIN.
RED-OSIER DOGWOOD	CORNUS SERICEA	382	12 IN. HT.	NO. 1 CONT.	2 CANES MIN.
SALAL	GAULTHERIA SHALLON	10550	6 IN. SPREAD	NO. 1 CONT.	3 BRANCHES MIN.
SALMONBERRY	RUBUS SPECTABILIS	1520	12 IN. HT.	NO. 1 CONT.	2 CANES MIN.
SCOULER'S WILLOW	SALIX SCLOUERI	172	15 IN. HT.	NO. 1 CONT.	2 CANES MIN.
SNOWBERRY	SYMPHORICARPOS ALBUS	106	10 IN. HT.	NO. 1 CONT.	2 CANES MIN.
THIMBLEBERRY	RUBUS PARVIFOLUS	307	12 IN. HT.	NO. 1 CONT.	2 CANES MIN.
VINE MAPLE	ACER CIRCINATUM	695	12 IN. HT.	NO. 1 CONT.	3 FRONDS MIN.
WESTERN SWORD FERN	POLYSTICHUM MUNITUM	2642	6 IN. SPREAD		
EMERGENTS					
SLOUGH SEDGE	CAREX OBNUPTA	544		BARE ROOT OR PLUG	

NOTES:

- IF A CONFLICT OCCURS BETWEEN THE AMERICAN STANDARD FOR NURSERY STOCK AND THESE SPECIFICATIONS THEN THESE SPECIFICATIONS SHALL APPLY.
- SPECIFICATIONS FOR SIZE AND CONDITION ARE MINIMUM.
- ALL PLANT MATERIALS SHALL BE NURSERY GROWN STOCK.
- PLANTS SHALL BE RANDOMLY MIXED THROUGHOUT EACH PLANTING ZONE AS APPROVED BY THE ENGINEER. SEE SCHEDULE FOR MIN. GROUPINGS OF EACH SPECIES.
- ALL TREES REQUIRING STAKING SHALL BE STAKED AND SECURED WITHIN 48 HOURS AFTER PLANTING.
- ALL TREE/SHRUB PLANTINGS SHALL BE SETBACK A MIN. OF 5 FEET FROM ALL PAVEMENT EDGES, EXCEPT WHERE NOTED. (SEE SETBACK CHART)

PLANTING AREA LAYOUT POINTS

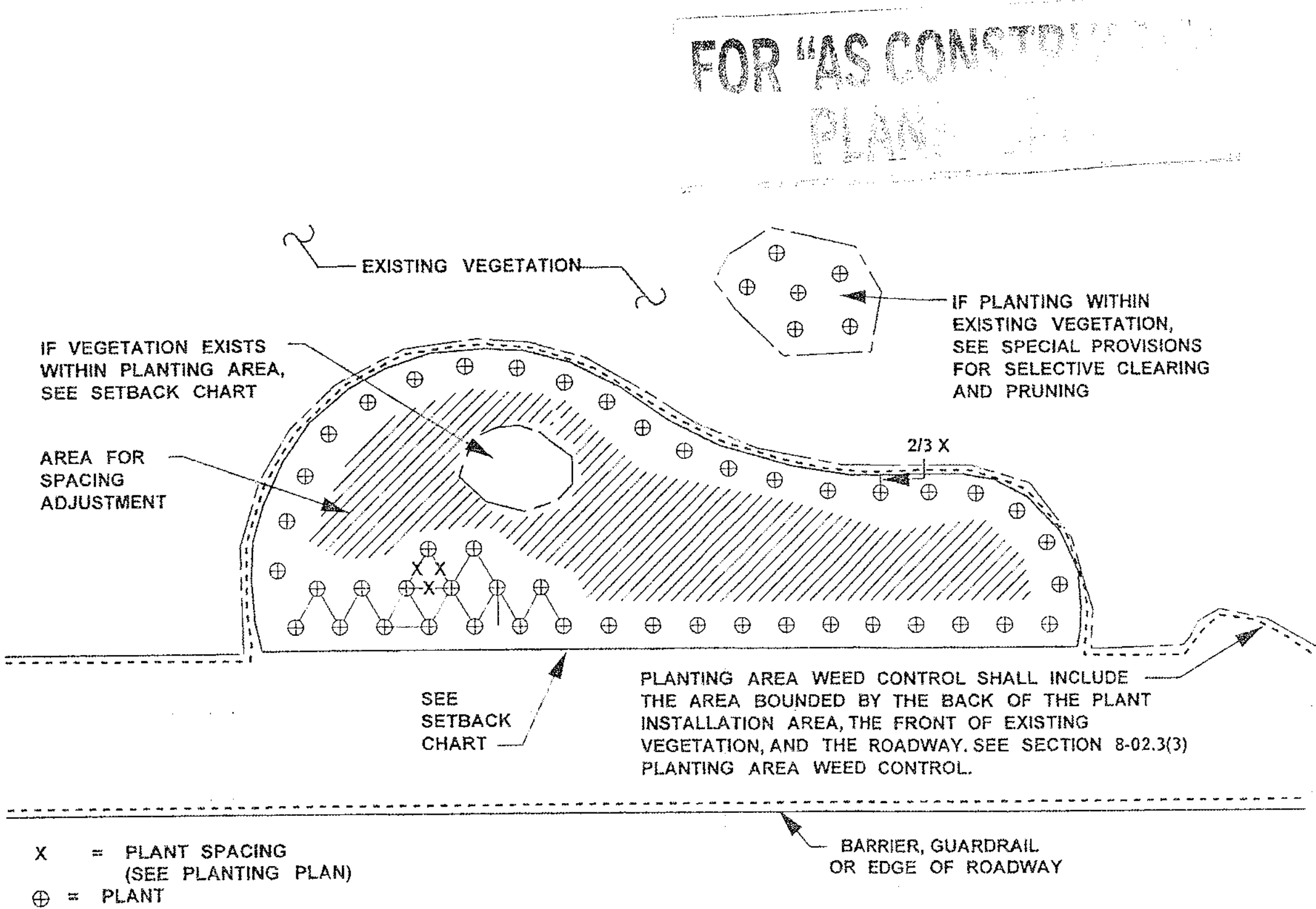
POINT	SR	STATION	OFFSET	POINT	SR	STATION	OFFSET	POINT	SR	STATION	OFFSET
SHT. PL1				SHT. PL3				SHT. PL4			
A	9	A 798+14.15	36.59' RT.	P	9	A 807+59.50	66.29' LT.	DD	9	A 816+16.37	36.42' RT.
SHT. PL2				Q	9	A 807+65.07	73.89' LT.	EE	9	A 816+28.32	49.23' RT.
B	9	A 799+24.62	39.34' RT.	R	9	A 808+17.74	87.14' LT.	FF	9	A 816+79.40	35.09' RT.
C	9	A 803+33.58	49.98' RT.	S	531	B 16+80.95	47.95' LT.	GG	9	A 817+41.40	38.97' RT.
D	9	A 805+37.67	57.01' RT.	T	531	B 17+68.00	56.45' LT.	SHT. PL5			
E	9	A 806+46.66	63.06' RT.	U	9	A 808+78.80	72.12' RT.	HH	531	B 16+22.48	44.79' LT.
F	9	A 806+46.66	84.89' RT.	V	9	A 809+09.11	84.11' RT.	II	531	B 16+68.86	47.27' LT.
G	9	A 805+29.87	85.30' RT.	W	531	B 20+05.88	51.97' RT.	SHT. PL6			
H	9	A 803+16.25	84.96' RT.	X	9	A 811+64.60	75.30' RT.	JJ	531	B 20+88.54	65.02' LT.
I	9	A 801+06.18	84.96' RT.	Y	9	A 811+76.42	63.07' RT.	KK	531	B 21+00.00	44.80' LT.
J	9	A 798+50.00	53.85' LT.	Z	9	A 812+65.11	53.95' RT.	LL	531	B 21+79.83	42.19' LT.
K	9	A 801+54.42	59.93' LT.	AA	9	A 813+22.52	60.61' RT.	MM	531	B 20+98.00	56.50' RT.
L	9	A 805+32.90	45.88' LT.	BB	9	A 813+96.78	55.99' RT.	NN	531	B 21+46.11	41.05' RT.
M	9	A 805+32.01	65.45' LT.	CC	9	A 814+39.78	53.50' RT.	OO	531	B 21+96.80	46.37' RT.
N	9	A 806+07.63	75.00' LT.					PP	531	B 22+54.82	29.01' RT.
O	9	A 806+75.15	88.00' LT.								

PLANT MATERIAL SETBACK CHART

THIS CHART SUPPLEMENTS SECTION 8.02.3(7) OF THE STANDARD SPECIFICATIONS

	GUARDRAIL BARRIER	EDGE OF ROADWAY	WALL	FENCE	SIGNS	EXISTING TREE, TRUNK	EXISTING VEGETATION MASS
EVERGREEN TREE	10'	10'	10'	10'	15'	8'	8'
DECIDUOUS TREE	10'	10'	10'	10'	15'	8'	8'
SHRUB	5'	10'	5'	5'	6'	4'	4'

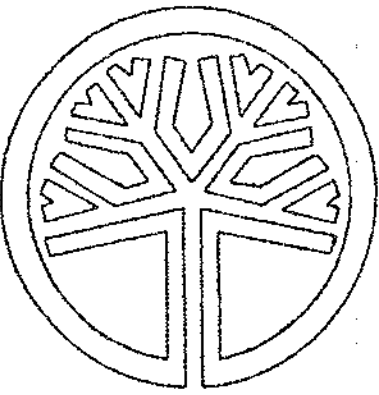
TYPICAL SETBACKS FOR PLANT MATERIAL UNLESS OTHERWISE ADJUSTED BY THE ENGINEER DURING LAYOUT AND STAKING OF PLANT LOCATIONS. DISTANCE NOTED IS TO STEM OR TRUNK OF PLANT.



PLANTING AREA LAYOUT, SETBACK, AND WEED CONTROL

NOT TO SCALE

FILE NAME	T:\412006\XL3325 SR 9 & SR 531 I-CICADIPS&ESheets\Addendum\XL3325 PS LA DET.dgn
TIME	8:44:23 AM
DATE	10/24/2011
DESIGNED BY	L. FRENCH
ENTERED BY	K. McLEAN
CHECKED BY	J. HARTWIG
PROJ. ENGR.	S. SPAHR
REGIONAL ADM.	L. ENG
REVISION	
DATE	
BY	
REGION NO.	10
STATE	WASH
FED. AID PROJ. NO.	
JOB NUMBER	10A042
CONTRACT NO.	
LOCATION NO.	



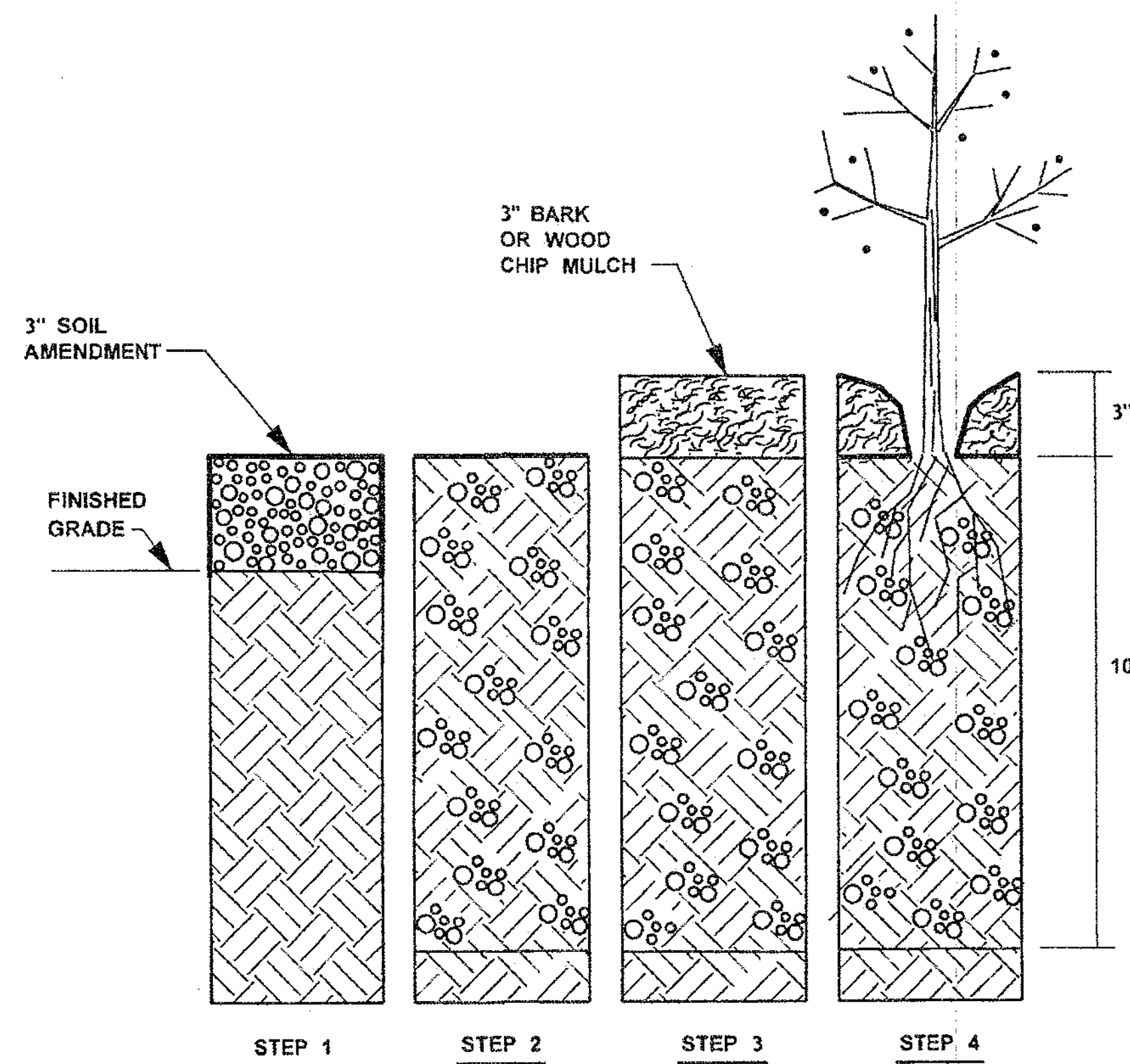
STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT
Deborah K. Peters
DEBORAH K. PETERS
CERTIFICATE NO. 969
DATE: 10/24/11
for changes

Washington State
Department of Transportation

SR 9
SR531/172ND ST NE & EAGLEFIELD DR
INTERSECTION IMPROVEMENT & PAVING

PLANTING DETAILS

Plot 1
PLAN REF NO
PLD1
SHEET
112
OF
230
SHEETS



PLANTING AREA PREPARATION
(SEE SECTION 8-02.3(5) IN THE
SPECIAL PROVISIONS)

STEP 1

PLACE 3" SOIL AMENDMENT

STEP 2

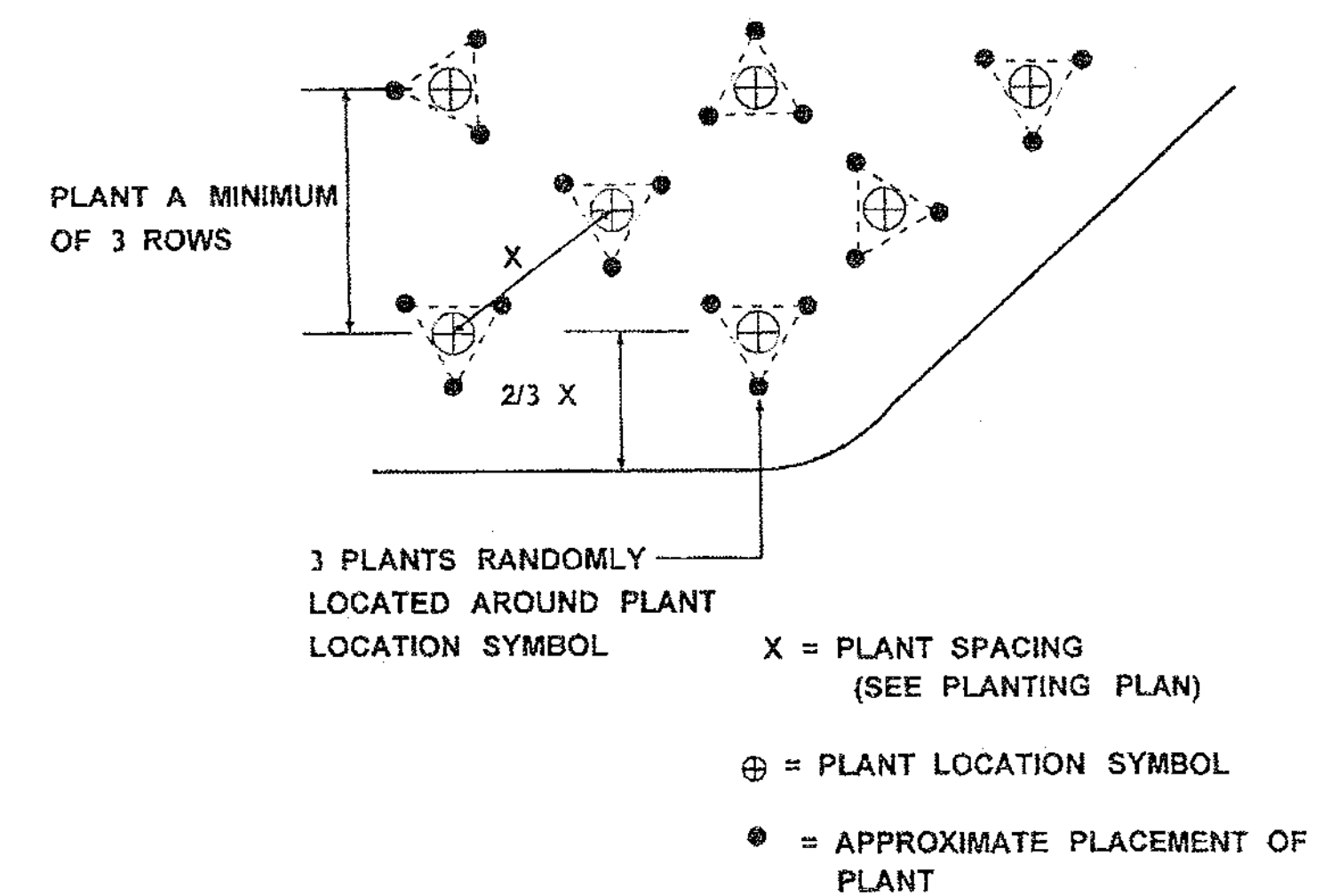
INCORPORATE SOIL AMENDMENT
TO 10" DEPTH ACCORDING TO
SECTION 8-02.3(6), SOIL AMENDMENT
IN THE SPECIAL PROVISIONS

STEP 3

INSTALL BARK OR WOOD
CHIP MULCH 3" DEEP
(SEE PLANTING DETAIL)

STEP 4

INSTALL PLANT
(SEE PLANTING DETAIL)



SALAL, AND SLOUGH SEDGE
PLANT LAYOUT

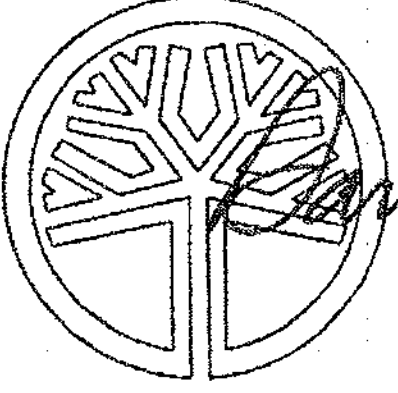
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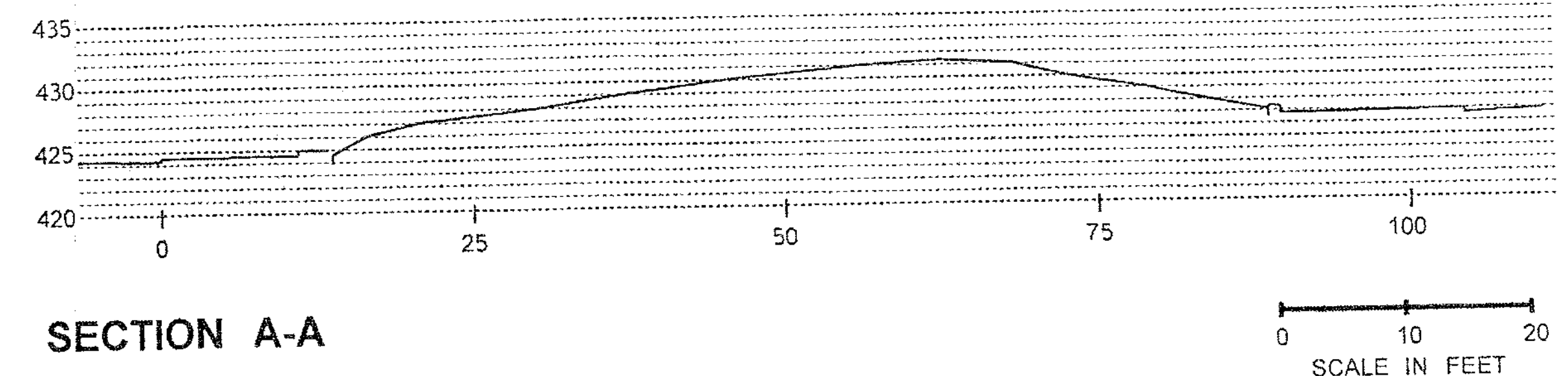
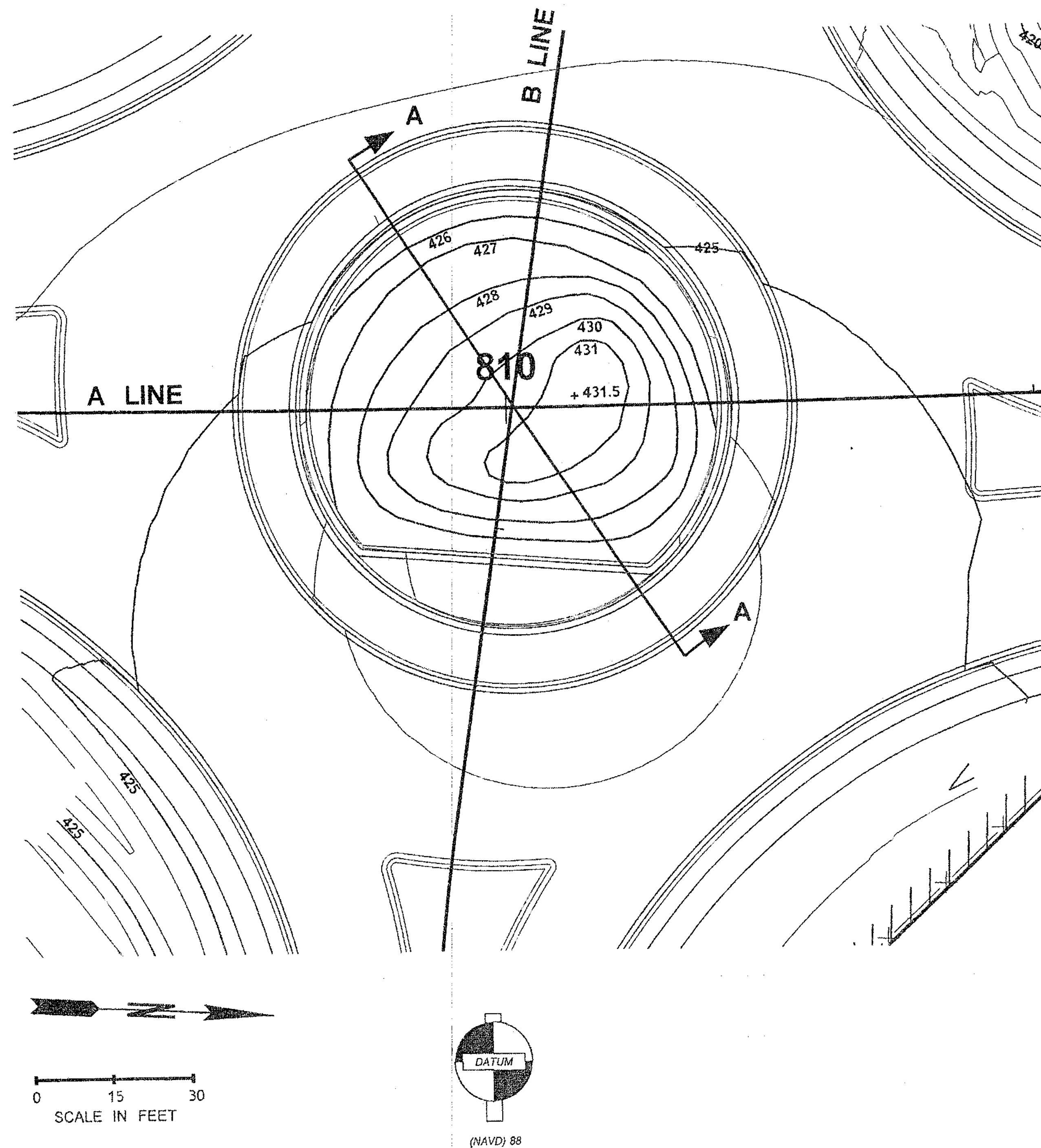
PLANTING AREA SOIL PREPARATION - SEQUENCE OF WORK

SECTION VIEW

NOT TO SCALE

FOR "AS CONSTRUCTED
PLANS" ONLY

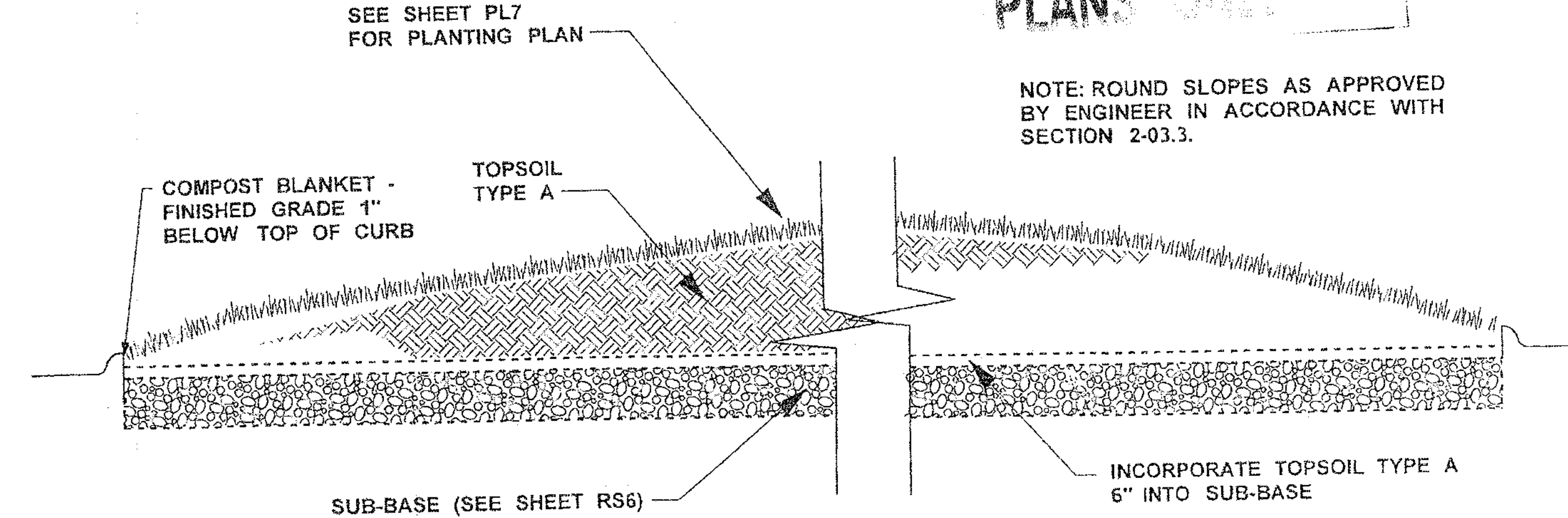
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TIME	9:13:14 AM	10	WASH					PLAN REF NO
DATE	9/22/2011	JOB NUMBER	10A042	LOCATION NO.				PLD2
PLOTTED BY	frenchl	CONTRACT NO.						SHEET
DESIGNED BY	L. FRENCH							113
ENTERED BY	K.McLEAN							OF
CHECKED BY	L.GRANT							230
PROJ. ENGR.	S.SPAHR							SHEETS
REGIONAL ADM.	LENG	REVISION	DATE	BY			PLANTING DETAILS	



SECTION A-A

FOR "AS CONSTRUCTED PLANS"

NOTE: ROUND SLOPES AS APPROVED BY ENGINEER IN ACCORDANCE WITH SECTION 2-03.3.



CENTER ISLAND SOIL PREPARATION - SECTION VIEW

NOT TO SCALE

FILE NAME: T:\412006\XL3325 SR 9 & SR 531 I-CICADIPS&ESheets\Ad copy\XL3325 PS LA Ad.dgn				REGION NO. 10		STATE WASH		FED.AID PROJ.NO.		STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT <i>David S. Peterson</i> DAVID S. PETERSON CERTIFICATE NO. 176 DATE: 09/22/11 EXPIRES: 02/04/2013	Washington State Department of Transportation	SR9		Plot 8 PLAN REF NO PLD3 SHEET 114 OF 2
TIME: 9:27:08 AM				JOB NUMBER 10A042		LOCATION NO.		SR531/172ND ST NE & EAGLEFIELD DR						
DATE: 9/22/2011				CONTRACT NO.				INTERSECTION IMPROVEMENT & PAVING						
PLOTTED BY: frenchl								PLANTING DETAILS						
DESIGNED BY: L.FRENCH														
ENTERED BY: K.MCLEAN														
CHECKED BY: J.HARTWIG														
PROJ. ENGR. S.SPAHR														
REGIONAL ADM. LENG														
REVISION				DATE		BY								