

**COOPERATIVE AGREEMENT
(LANDSCAPING MAINTENANCE)
PROJECT NO. A019(944)
US20/26, LOCUST GROVE TO EAGLE ROAD
KEY NO. 19944**

PARTIES

THIS AGREEMENT is made and entered into this _____ day of _____, _____, by and between the IDAHO TRANSPORTATION DEPARTMENT, hereafter called the State, and the CITY OF MERIDIAN, hereafter called the City.

PURPOSE

The State has programmed a project to widen US20/26 from Locust Grove to Eagle Road, identified herein as Project No. A019(944), Key No. 19944. The project includes installation of landscaping and sprinkler systems as shown on the attached Exhibit A. The City has agreed to provide maintenance of the landscaping and sprinkler system installed as part of the project. This Agreement will set out the terms of this arrangement.

Authority for this Agreement is established by Section 40-317 of the Idaho Code.

The Parties agree as follows:

1. The State will design and construct this project, including landscaping and sprinkler system as shown on the attached Exhibit A.
2. The City will, upon completion of construction, assume responsibility for maintaining the landscaping and sprinkler system along with the existing well, as follows:
 - Operate and maintain the sprinkler systems. Maintain sprinklers so that they do not wet the roadway.
 - Maintain landscaping in a healthy condition, adequately watered and fertilized.
 - Utilize State approved highway safety procedures for City personnel during all phases of landscape maintenance.
3. This Agreement shall become effective on the first date mentioned above and shall remain in full force and effect until

amended or replaced upon the mutual written consent of the City and the State.

EXECUTION

This Agreement is executed for the State by its District Engineer and executed for the City by the Mayor, attested to by the City Clerk, with the imprinted corporate Seal of the City of Meridian.

IDAHO TRANSPORTATION DEPARTMENT

District Engineer

ATTEST:

CITY OF MERIDIAN

City Clerk

Mayor

(Seal)

By regular meeting
on _____.

cf:19944 Coop Meridian.docx

RESOLUTION

WHEREAS, the Idaho Transportation Department, hereafter called the **STATE**, has submitted an Agreement stating obligations of the **STATE** and the **CITY OF MERIDIAN**, hereafter called the **CITY**, for maintenance of landscaping on US20/26 from Locust Grove to Eagle Road; and

WHEREAS, the **STATE** is responsible for obtaining compliance with laws, standards and procedural policies in the development, construction and maintenance of improvements made to the Federal-aid Highway System when there is federal participation in the costs; and

NOW, THEREFORE, BE IT RESOLVED:

1. That the Agreement for Federal Aid Highway Project A019(944) is hereby approved.
2. That the Mayor and the City Clerk are hereby authorized to execute the Agreement on behalf of the **CITY**.
3. That duly certified copies of the Resolution shall be furnished to the Idaho Transportation Department.

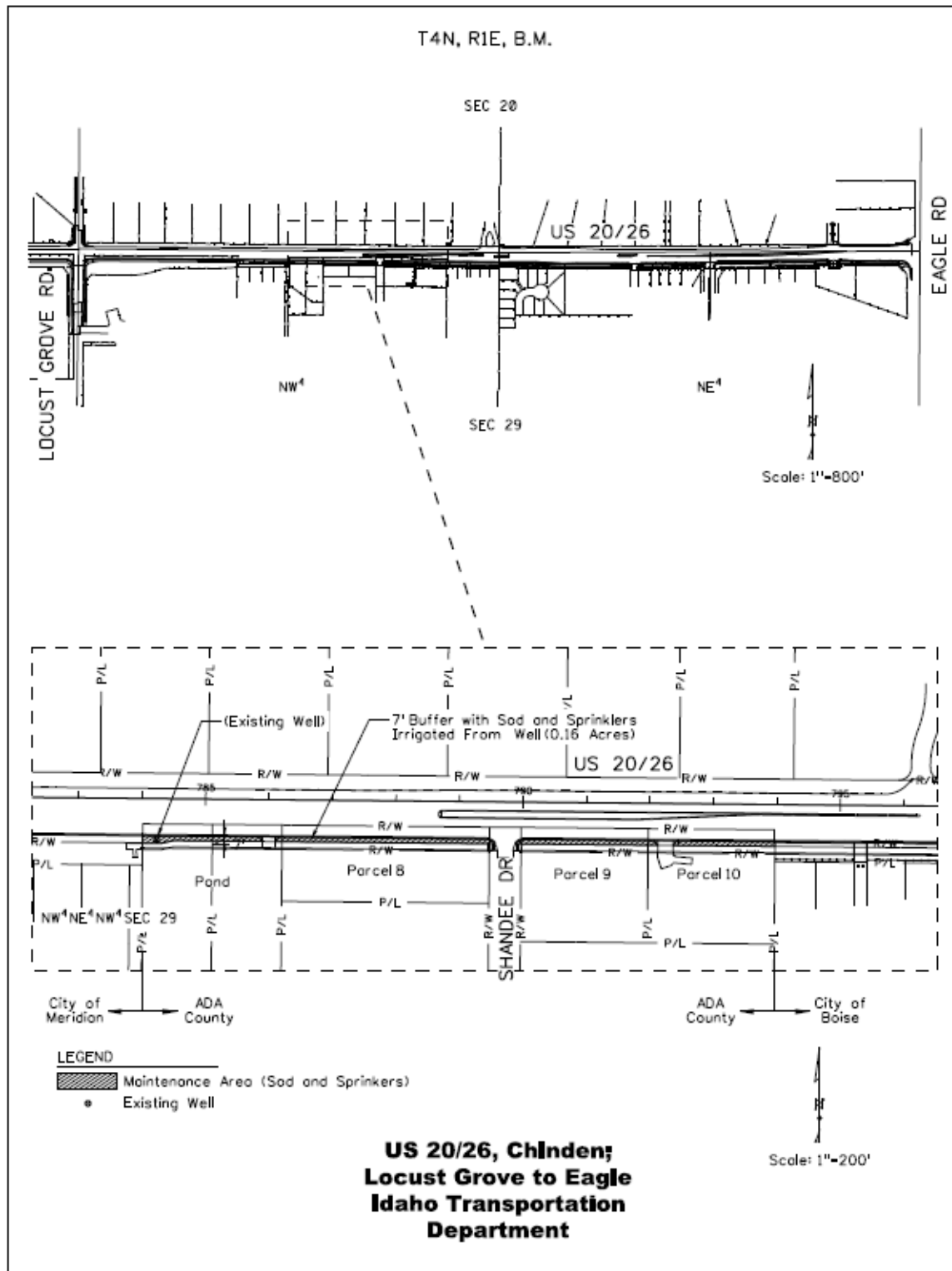
CERTIFICATION

I hereby certify that the above is a true copy of a Resolution passed at a *regular, duly* called special (X-out non-applicable term) meeting of the City Council, City of Meridian, held on _____, _____.

(Seal)

City Clerk

EXHIBIT A

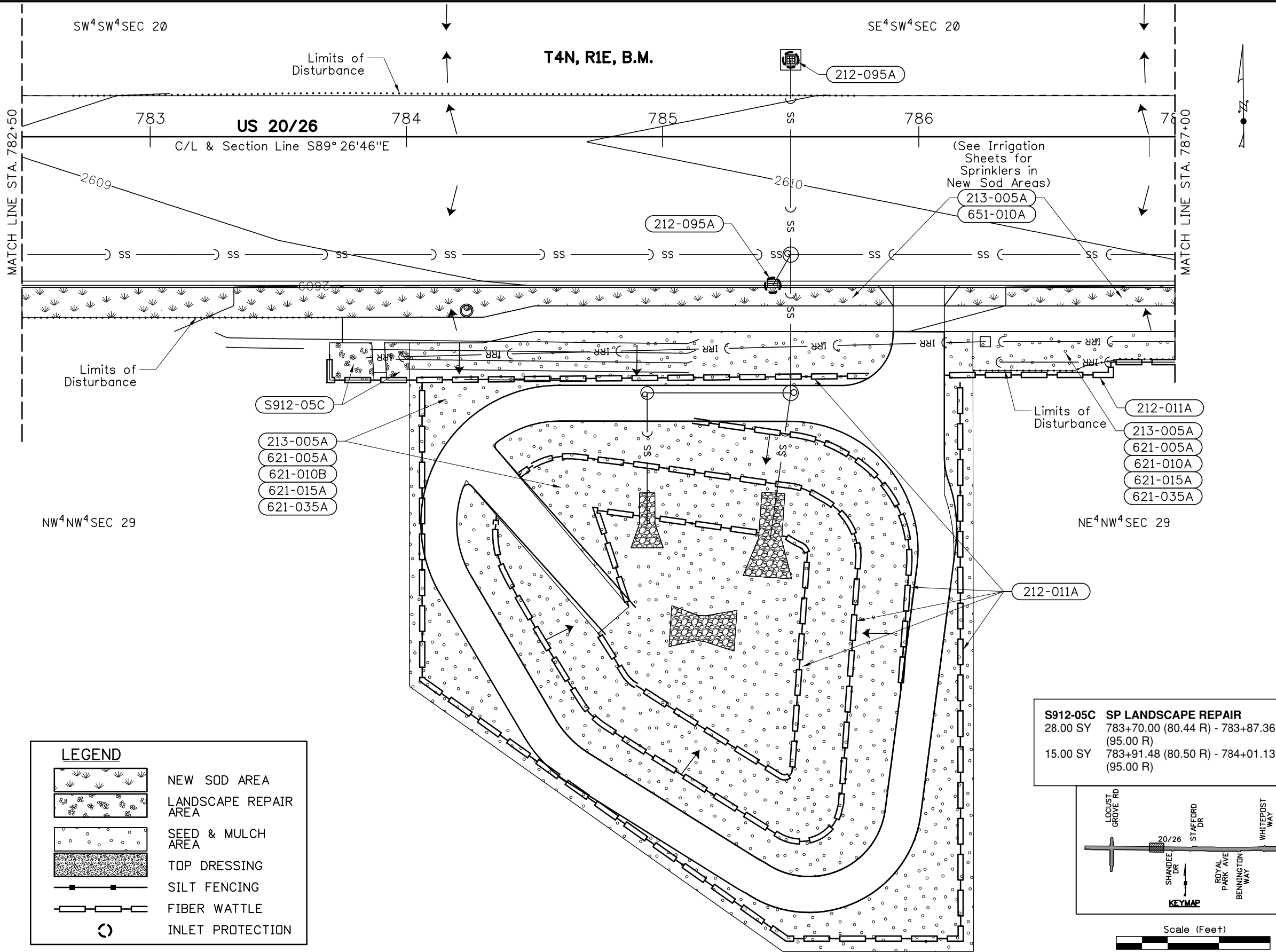


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9/10/2019

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LEGEND

NEW SOD AREA

LANDSCAPE REPAIR AREA

SEED & MULCH AREA

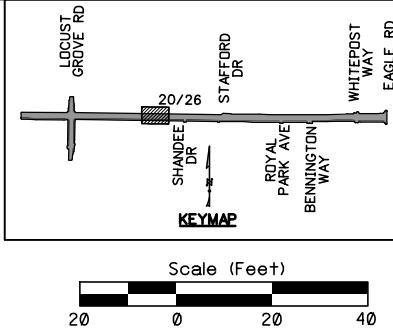
TOP DRESSING

SILT FENCING

FIBER WATTLE

INLET PROTECTION

S912-05C	SP LANDSCAPE REPAIR
28.00 SY	783+70.00 (80.44 R) - 783+87.36 (95.00 R)
15.00 SY	783+91.48 (80.50 R) - 784+01.13 (95.00 R)



212-011A FIBER WATTLE	
221.00 FT	783+70.00 (95.00 R) - 785+80.40 (93.37 R)
576.00 FT	784+06.13 (96.00 R) - 786+16.34 (313.00 R)
455.00 FT	784+34.68 (155.86 R) - 785+76.44 (163.70 R)
57.00 FT	784+74.16 (145.80 R) - 784+91.01 (148.02 R)
196.00 FT	784+74.82 (193.67 R) - 785+56.54 (162.65 R)
41.00 FT	784+97.04 (148.84 R) - 785+37.62 (154.55 R)
163.00 FT	785+12.10 (110.89 R) - 785+96.34 (165.18 R)
96.00 FT	786+10.00 (93.10 R) - 787+00.00 (88.00 R)

212-095A INLET PROTECTION	
1.00 EA	785+43.00 58.00 R
1.00 EA	785+50.00 30.00 L

213-005A TOPSOIL (6")	
64.00 CY	782+50.00 (58.83 R) - 785+90.00 (66.00 R)
230.00 CY	784+01.11 (80.50 R) - 786+21.35 (318.00 R)
437.00 CY	784+19.65 (152.98 R) - 785+99.56 (157.82 R)
13.00 CY	786+10.00 - 787+00.00 66.00 R
21.00 CY	786+21.14 - 787+00.00 76.00 R

621-005A SEED BED PREPARATION	
0.28 ACRE	784+01.11 (80.50 R) - 786+21.35 (318.00 R)
0.52 ACRE	784+19.65 (152.98 R) - 785+99.56 (157.82 R)
0.03 ACRE	786+21.14 - 787+00.00 76.00 R

621-010A SEEDING (TYPE 1)	
0.03 ACRE	786+21.14 - 787+00.00 76.00 R

621-010B SEEDING (TYPE 2)	
0.28 ACRE	784+01.11 (80.50 R) - 786+21.35 (318.00 R)
0.52 ACRE	784+19.65 (152.98 R) - 785+99.56 (157.82 R)

621-015A MULCHING	
0.28 ACRE	784+01.11 (80.50 R) - 786+21.35 (318.00 R)
0.52 ACRE	784+19.65 (152.98 R) - 785+99.56 (157.82 R)
0.03 ACRE	786+21.14 - 787+00.00 76.00 R

621-035A FERTILIZING	
0.28 ACRE	784+01.11 (80.50 R) - 786+21.35 (318.00 R)
0.52 ACRE	784+19.65 (152.98 R) - 785+99.56 (157.82 R)
0.03 ACRE	786+21.14 - 787+00.00 76.00 R

651-010A LAWN CONST (SODDED)	
3285.00 SF	782+50.00 (58.83 R) - 785+90.00 (66.00 R)
627.00 SF	786+10.00 - 787+00.00 66.00 R

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	KMD	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	CMM	
DETAILED	KMR	CADD FILE NAME 19944_swpp_006.sht
DRAWING CHECKED	PSA	DRAWING DATE: September 2019

IDAHO
TRANSPORTATION
DEPARTMENT

Parametrix

PROJECT NO.
A019(944)

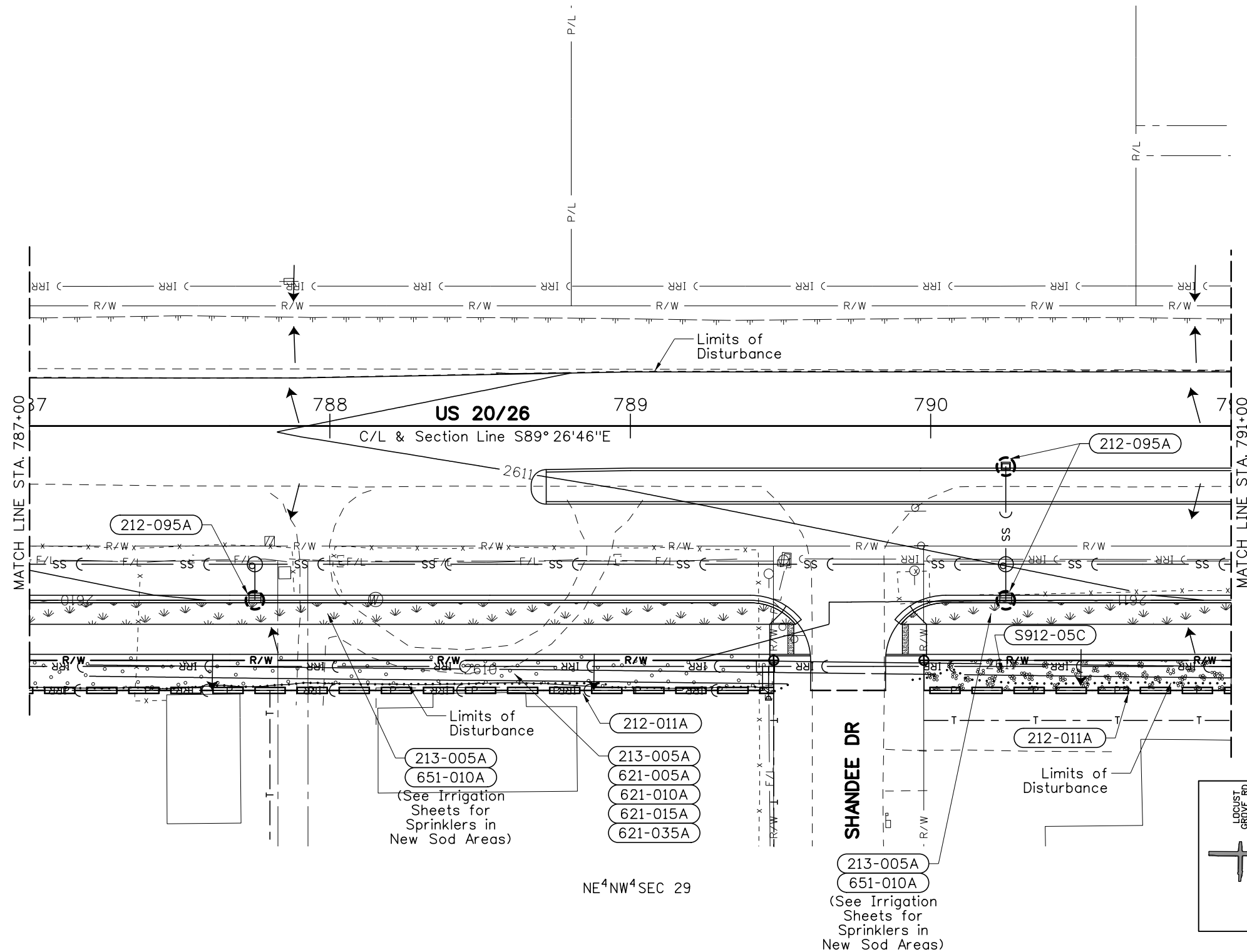
SWPP PLAN
US 20/26, CHINDEN: LOCUST GROVE TO EAGLE STA. 782+50 TO STA. 787+00

English
COUNTY ADA
KEY NUMBER 19944
SHEET 159 OF 275

PROFESSIONAL ENGINEER
REGISTERED
12046
9-10-19
STATE OF IDAHO
CARY M. McALISTER

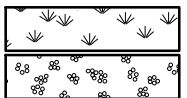
SE⁴SW⁴SEC 20

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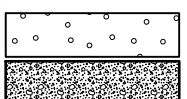
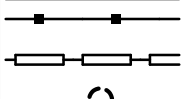


212-0111A	FIBER WATTLE
248.00 FT	787+00.00 - 789+47.74 88.00 R
103.00 FT	789+97.74 - 791+00.00 88.00 R
212-095A	INLET PROTECTION
1.00 EA	787+75.00 58.00 R
1.00 EA	790+25.00 58.00 R
1.00 EA	790+25.00 13.50 R
213-005A	TOPSOIL (6")
51.00 CY	787+00.00 (76.00 R) - 789+47.74 (88.34 R)
35.00 CY	787+00.00 (58.83 R) - 789+54.95 (66.00 R)
15.00 CY	789+90.06 - 791+00.00 66.00 R
621-005A	SEED BED PREPARATION
0.06 ACRE	787+00.00 (76.00 R) - 789+47.74 (88.34 R)
621-010A	SEEDING (TYPE 1)
0.06 ACRE	787+00.00 (76.00 R) - 789+47.74 (88.34 R)
621-015A	MULCHING
0.06 ACRE	787+00.00 (76.00 R) - 789+47.74 (88.34 R)
621-035A	FERTILIZING
0.06 ACRE	787+00.00 (76.00 R) - 789+47.74 (88.34 R)
651-010A	LAWN CONST (SODDED)
1796.00 SF	787+00.00 (58.83 R) - 789+54.95 (66.00 R)
756.00 SF	789+90.06 - 791+00.00 66.00 R
S912-05C	SP LANDSCAPE REPAIR
114.00 SY	789+97.73 - 791+00.00 78.00 R

LEGEND



NEW SOD AREA

LANDSCAPE REPAIR
AREASEED & MULCH
AREA

TOP DRESSING

SILT FENCING

FIBER WATTLE

INLET PROTECTION

[illegible]

DESIGNED	KMD
DESIGN CHECKED	CMM
DETAILED	KMR
DRAWING CHECKED	PSA

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
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DRAWING DATE: September 2019

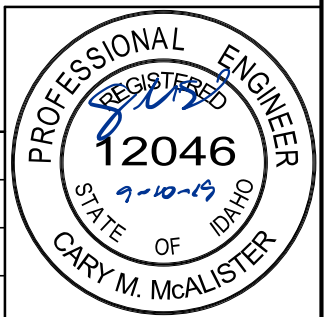
IDAHO
TRANSPORTATION
DEPARTMENT


Parametrix

PROJECT NO.
A019(944)

SWPP PLAN	
US 20/26, CHINDEN; LOCUST GROVE TO EAGLE STA. 787+00 TO STA. 791+00	

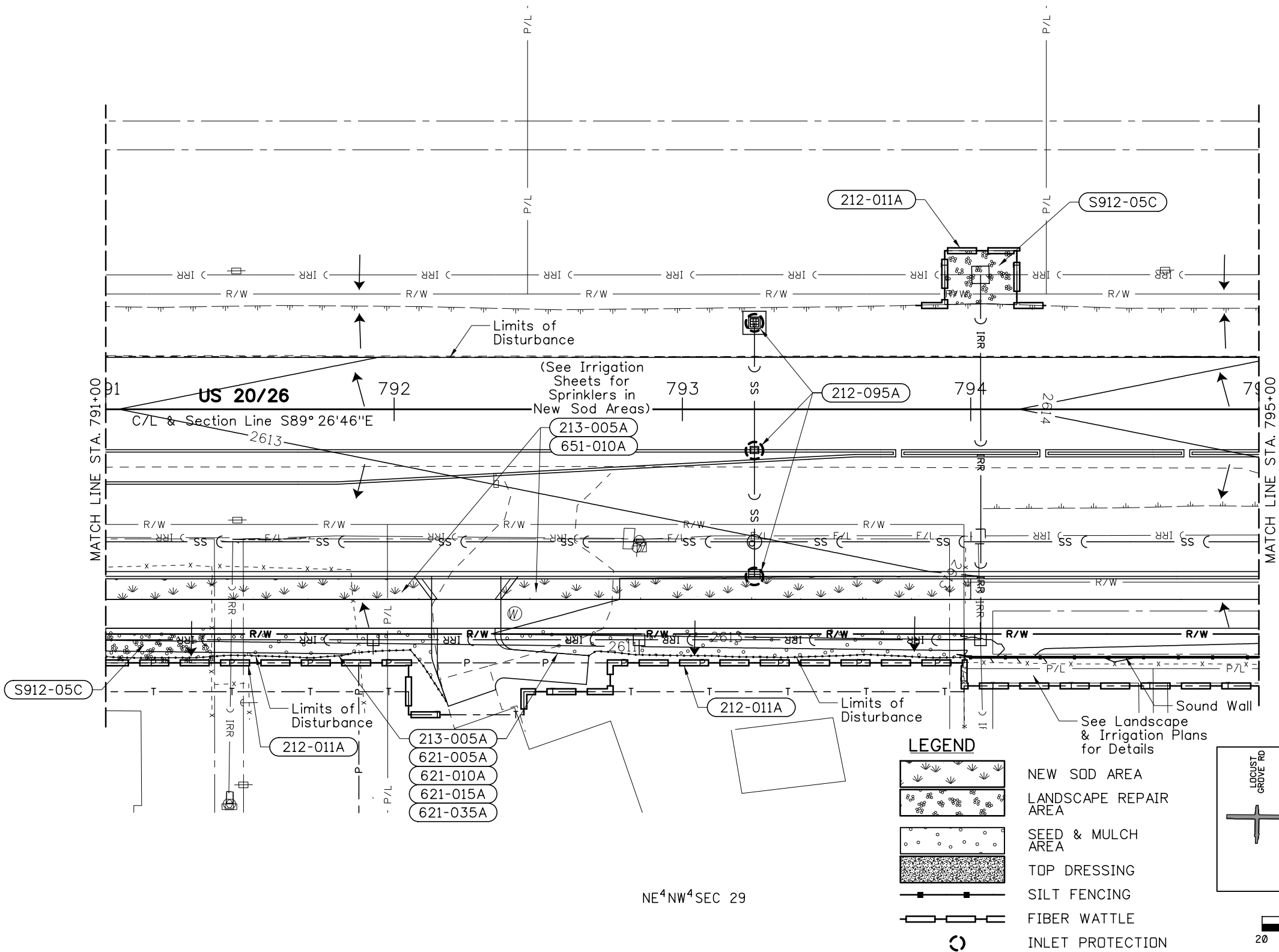
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COUNTY	ADA
KEY NUMBER	19944
SHEET 160 OF 275	



T4N, R1E, B.M.

SE⁴SW⁴SEC 20

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NE⁴NW⁴SEC 29

212-011A FIBER WATTLE	
138.00 FT	791+00.00 (88.00 R) - 792+19.48 (106.00 R)
282.00 FT	792+45.00 (106.00 R) - 795+00.00 (96.00 R)
83.00 FT	793+81.00 - 794+26.00 36.00 L
212-095A INLET PROTECTION	
1.00 EA	793+25.00 58.00 R
1.00 EA	793+25.00 14.33 R
1.00 EA	793+25.00 30.00 L
213-005A TOPSOIL (6")	
23.00 CY	791+00.00 (76.00 R) - 792+18.32 (101.72 R)
16.00 CY	791+00.00 (58.83 R) - 792+15.00 (66.00 R)
30.00 CY	792+35.00 (78.27 R) - 793+97.74 (86.08 R)
23.00 CY	792+35.00 (66.00 R) - 794+00.00 (58.83 R)
621-005A SEED BED PREPARATION	
0.03 ACRE	791+00.00 (76.00 R) - 792+18.32 (101.72 R)
0.04 ACRE	792+35.00 (78.27 R) - 793+97.74 (86.08 R)
621-010A SEEDING (TYPE 1)	
0.03 ACRE	791+00.00 (76.00 R) - 792+18.32 (101.72 R)
0.04 ACRE	792+35.00 (78.27 R) - 793+97.74 (86.08 R)
621-015A MULCHING	
0.03 ACRE	791+00.00 (76.00 R) - 792+18.32 (101.72 R)
0.04 ACRE	792+35.00 (78.27 R) - 793+97.74 (86.08 R)
621-035A FERTILIZING	
0.03 ACRE	791+00.00 (76.00 R) - 792+18.32 (101.72 R)
0.04 ACRE	792+35.00 (78.27 R) - 793+97.74 (86.08 R)
651-010A LAWN CONST (SODDED)	
806.00 SF	791+00.00 (58.83 R) - 792+15.00 (66.00 R)
1164.00 SF	792+35.00 (66.00 R) - 794+00.00 (58.83 R)
S912-05C SP LANDSCAPE REPAIR	
42.00 SY	791+00.00 - 791+37.73 88.00 R
52.00 SY	793+91.00 (36.31 L) - 794+16.00 (36.27 L)

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	KMD	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	CMM	
DETAILED	KMR	CADD FILE NAME 19944_swpp_008.sht
DRAWING CHECKED	PSA	DRAWING DATE: September 2019

IDAHO TRANSPORTATION DEPARTMENT

Parametrix

PROJECT NO.	SWPP PLAN
A019(944)	US 20/26, CHINDEN: LOCUST GROVE TO EAGLE STA. 791+00 TO STA. 795+00

English
COUNTY ADA
KEY NUMBER 19944
SHEET 161 OF 275

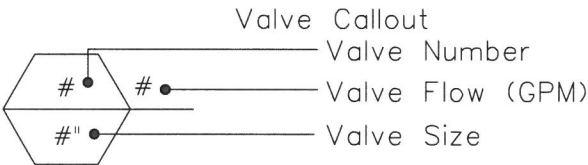


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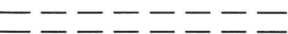
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	DETAIL
 1401 1402	BUBBLER Fixed flow rate (0.25-0.5 GPM), Flood Bubbler. (NO MORE THAN 20 PER SIDE OF RISER)	SHT. 190
	TURF ROTARY - Non-Potable 4" Pop-Up with in-head check valves, 45 psi pressure regulation 5'x14' Side strip nozzles	#3, SHT. 190
	TURF ROTARY - Non-Potable 4" Pop-Up with in-head check valves, 45 psi pressure regulation Adjustable arc and full circle nNozzles	#3, SHT. 190
	SHRUB ROTARY - Non-Potable 12" Pop-Up with in-head check valves, 45 psi pressure regulation Adjustable arc and full circle nozzles.	#3, SHT. 190

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	DETAIL
	CONTROL VALVE 1", 1-1/2", and 2" durable chlorine-resistant valves for reclaimed water applications with scrubber mechanism technology, purple flow control handle, and pressure regulator module.	#2, SHT. 190
	BUBBLER CONTROL VALVE (SIZE TBD BASED ON FIELD ADJUSTMENTS) Size bubbler zones with no more than 40 gpm per zone. No more than 20 bubblers per side of riser. Shrub = .25 gpm Tree = .50 gpm	#2, SHT. 190



	Quick Coupler - With purple non-potable cover.	#2, SHT. 189
	Gate Valve (same size as mainline) Ductile Iron Gate Isolation Valve. OP Nut. Same size as pipe.	#1, SHT. 189
	Controller -20 station capable commercial controller. Mounted on a metal pedestal. Flow sensing and water management capabilities.	

	Irrigation Lateral Line: Purple PVC Class 200 Contractor shall verify sizing to ensure flow does not exceed 5fps.	
	Irrigation Mainline: Purple PVC Schedule 40 (contractor shall verify sizing)	
	Pipe Sleeve: PVC Schedule 40 (CONTRACTOR SHALL COORDINATE SIZE) Size shall be minimum twice the diameter of all pipe going through. 2" minimum for controller wire. Extend sleeves 12" beyond construction edge. Contractor must verify sizes and quantities at all required locations prior to backfilling trenches.	#1, SHT. 190

GENERAL IRRIGATION NOTES

- All work shall be performed by persons familiar with this type of work and under the supervision of a foreman familiar with this type of work. The foreman shall remain on-site during all landscape irrigation installations.
- Comply with all local codes and ordinances.
- Verify locations of all underground utilities prior to trenching operations.
- Install irrigation system per design and adjust irrigation head layout to fit field conditions, as necessary.
- Irrigation plan is diagrammatic. Mainlines, laterals, and wires shall be placed within landscaped area whenever possible (sleeving shall be placed under all paved areas).
- Do Not install mainline directly under path. Mainline shall be located adjacent to back of path in landscape area. Sleeving shall be required as noted on plans where crossings occur
- Install no more than one tee or elbow off of mainline per remote control valve and no more than one remote control valve per valve box. Do not use manifold systems.
- Coordinate installation/operation of irrigation system with other trades.
- Place "non-potable purple locator ribbon 3" above protective layer of soil on mainline trench only.
- Pipe lines shall be placed so that text on pipe is face-up.
- Verify 'working' psi of existing irrigation system at maximum operating flow prior to irrigation installation and notify Engineer of any deficiency (60 psi assumed).
- Ensure that irrigation overspray is minimized onto paved areas or fences.
- Submit as-built drawings per Specifications.
- There is an existing irrigation mainline paralleling and potentially conflicting with the new soundwall. Protect or relocate the existing mainline wherever possible and replace fittings, and control valve wire damaged during construction. Sleeve all replaced mainlines where located underneath paved surfaces.
- Keep existing irrigation controllers operational so they continue to irrigate existing system south of the soundwall. The new controller is to control the new irrigation north of the wall only.
- ENSURE THAT BRISTOL NEIGHBORHOOD IRRIGATION SOUTH OF SOUND WALL REMAINS OPERATIONAL DURING CONSTRUCTION. REPAIR EXISTING MAINLINE AND IRRIGATION SYSTEM, AS NECESSARY, DURING CONSTRUCTION TO ENSURE BRISTOL NEIGHBORHOOD IRRIGATION REMAINS OPERATIONAL.**

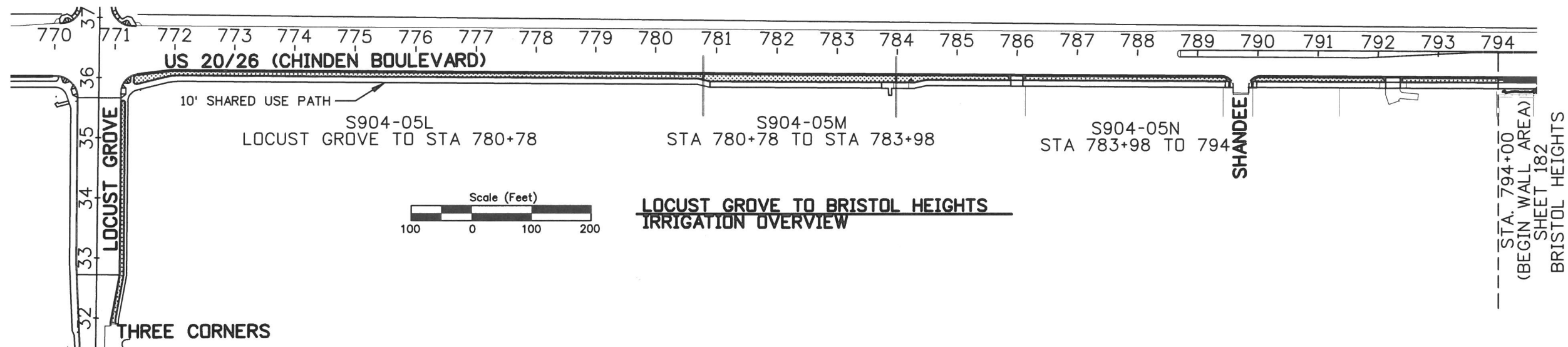
IRRIGATION PLAN IS
DIAGRAMMATIC ONLY

MAINLINES, LATERALS, AND WIRES SHALL BE PLACED
WITHIN LANDSCAPED AREA WHEREVER POSSIBLE
(SLEEVE SHALL BE PLACED UNDER ALL PAVED AREAS).

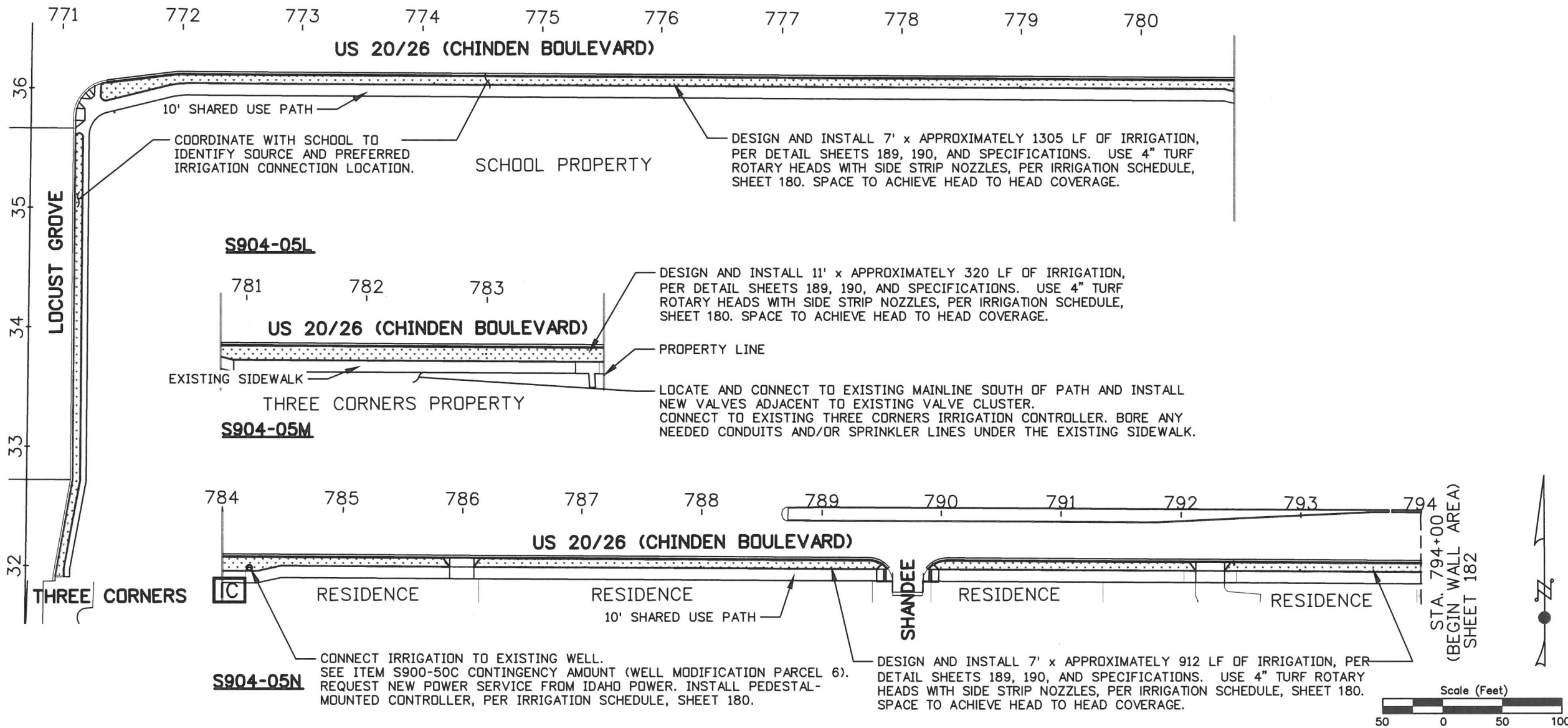
REVISIONS				DESIGNED ZVJ	DESIGN CHECKED FRI	DETAILED ZVJ	DRAWING CHECKED JRS	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 19944_Lscp_771-812 DRAWING DATE: August 2019	IDAHO TRANSPORTATION DEPARTMENT Parametrix	PROJECT NO. A019(944)	DETAIL SHEET US 20/26,CHINDEN; LOCUST GROVE TO EAGLE GENERAL NOTES IRRIGATION	English COUNTY ADA KEY NUMBER 19944 SHEET 180 OF 275
NO.	DATE	BY	DESCRIPTION									



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NOTE: DO NOT INSTALL MAINLINE DIRECTLY UNDER PATH. INSTALL MAINLINE ADJACENT TO BACK OF PATH IN LANDSCAPE AREA. INSTALL SLEEVING WHERE CROSSING HARD SURFACES.



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	ZVJ	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 19944_lscp_771-812 DRAWING DATE: August 2019
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IDAHO
TRANSPORTATION
DEPARTMENT



Parametrix

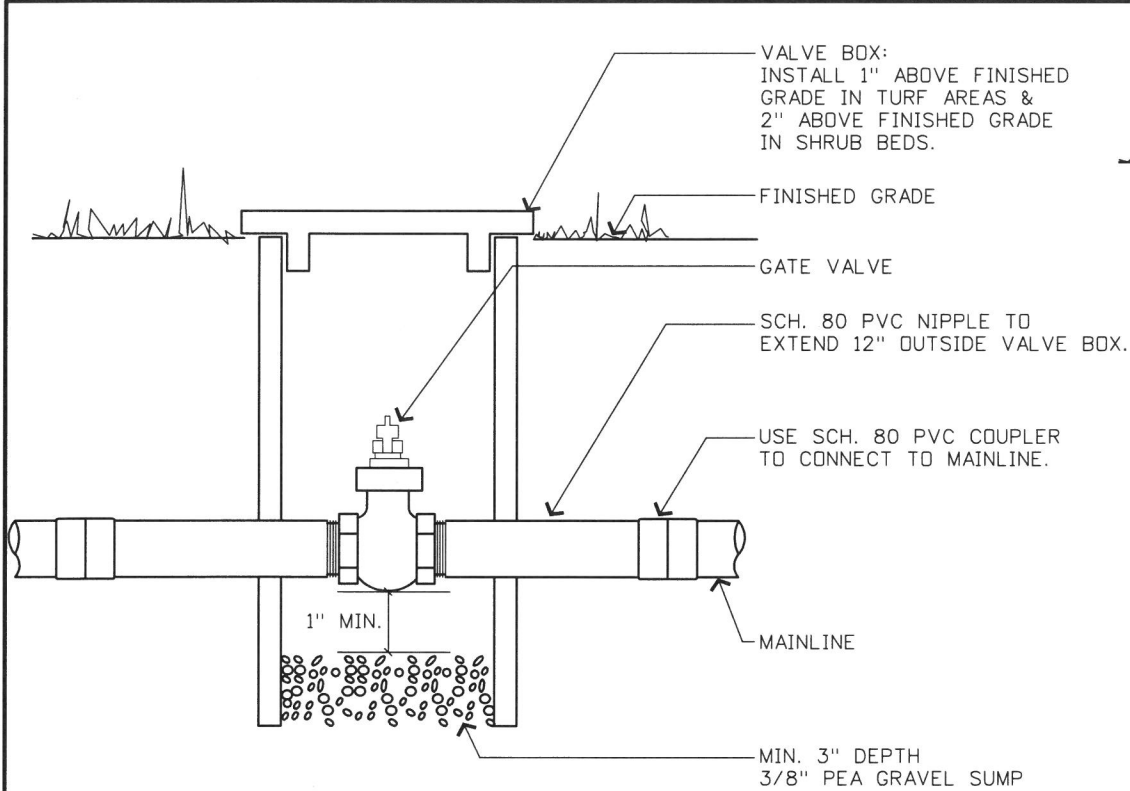
PROJECT NO.
A019(944)

PLAN SHEET
US 20/26,CHINDEN: LOCUST GROVE TO EAGLE
STA. 771+00 TO STA. 794+00 IRRIGATION

<i>English</i>	
COUNTY	ADA
KEY NUMBER	19944
SHEET 181	OF 275

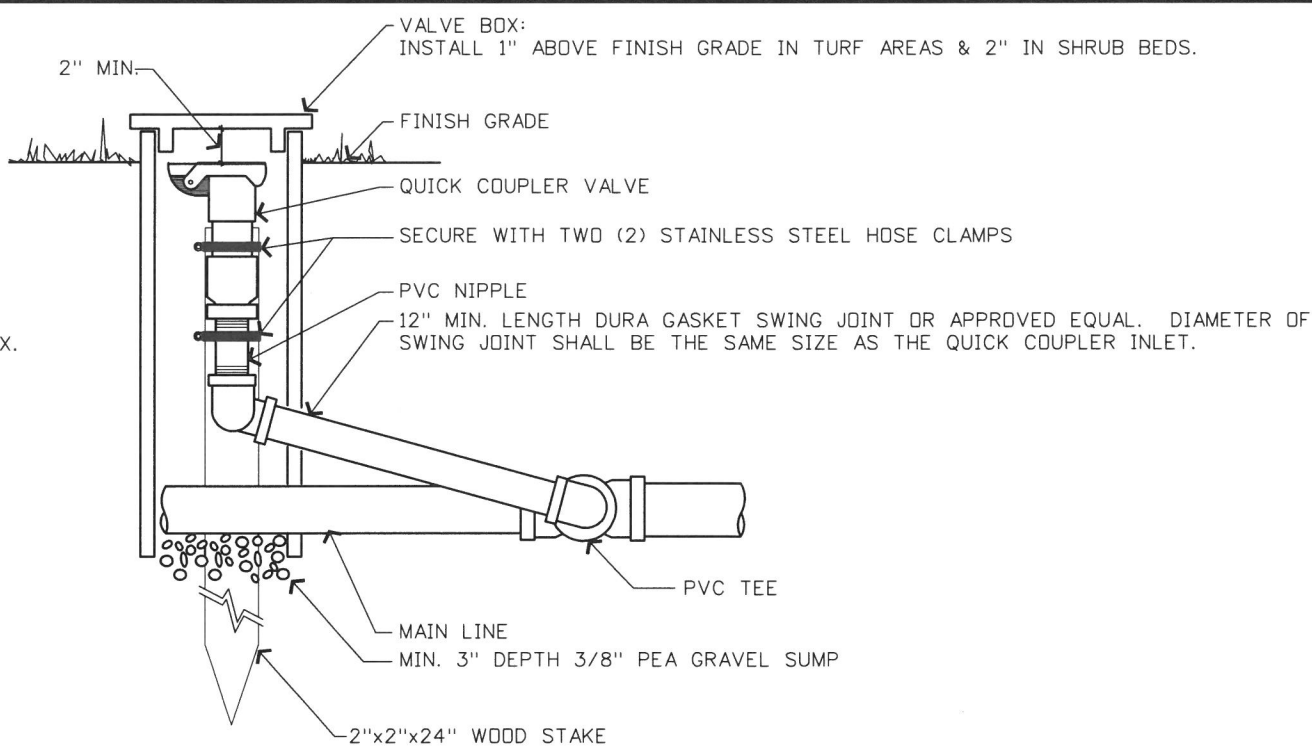


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ISOLATION VALVE / GATE VALVE

NOT TO SCALE



QUICK COUPLER VALVE

NOT TO SCALE

DRAWINGS DEPICT BLOCK LOCATION, NOT SIZE. FOR SIZE SEE TABLE

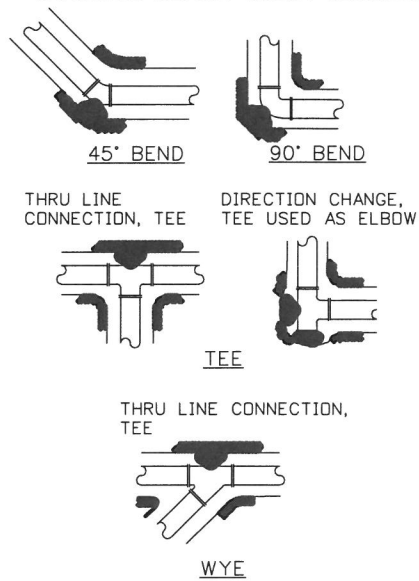


TABLE 1 : THRUST AT FITTINGS AT 200 PSI

SIZE	TEST PRESSURE PSI	THRUST AT FITTINGS IN POUNDS					
		TEE AND DEAD ENDS	90° BEND	45° BEND	22.5° BEND	11.25° BEND	
4"	200	3,140	4,440	2,405	1,225	615	
6"	200	7,070	9,995	5,410	2,760	1,385	
8"	200	12,565	17,770	9,620	4,905	2,465	

TABLE 2 : BEARING VALUE OF SOIL

SOIL TYPE	SAFE BEARING LOAD LBS/SF
MUCK, PEAT, ETC.	0
SOFT CLAY / ALLUVIAL SOIL	1,000
SAND	2,000
SAND AND GRAVEL	3,000
SAND AND GRAVEL CEMENTED WITH CLAY	4,000
HARD SHALE	10,000

THRUST BLOCKING

NOT TO SCALE

NOTES :

- SUBMIT FINDINGS FOR THRUST, THRUST BLOCK VOLUME AND BEARING AREA TO OWNER FOR REVIEW AND APPROVAL.
 - DETERMINE THRUST AT PRESSURES OTHER THAN PSI SHOWN, MULTIPLY THE THRUST OBTAINED IN TABLE 1 BY THE RATIO OF THE PRESSURE TO 200 PSI.
EXAMPLE, THE THRUST ON A 6 INCH, 90° BEND AT 300 PSI.
$$9,995 \times \frac{300 \text{ PSI}}{200 \text{ PSI}} = 14,992 \text{ LBS.}$$
 - DETERMINE THE VOLUME OF THE THRUST BLOCK:
EXAMPLE, (150 LBS/CF UNIT WEIGHT OF CONCRETE)
$$14,992 \text{ LBS} \div 150 \text{ LB/CF} = 99.9 \text{ CF}$$
$$99.9 \text{ CF} \div 27 \text{ CF/CY} = 3.70 \text{ CY OF CONCRETE}$$
 - DETERMINE THE BEARING AREA OF THE THRUST BLOCK IN SQUARE FEET (SF) SEE TABLE 2, BEARING VALUE OF SOIL:
EXAMPLE, FOR SAND AND GRAVEL BEARING VALUE FROM TABLE 2 IS 3,000 LBS/SF
$$14,992 \text{ LBS} \div 3000 \text{ LB/SF} = 5 \text{ SF OF AREA}$$
- CONTRACTOR SHALL PROVIDE BLOCKING ADEQUATE TO WITHSTAND FULL TEST PRESSURE.
- SHALL BE ADJUSTED FOR OTHER PRESSURE CONDITIONS
- THE FOLLOWING PRECAUTIONS SHALL BE OBSERVED WHEN CONSTRUCTING THRUST BLOCKS:
 - BLOCKS MUST BE POURED AGAINST UNDISTURBED SOIL.
 - THE PIPE FITTING(S) AND BOLTS SHALL BE ACCESSIBLE. WRAP IN PLASTIC BEFORE POURING CONCRETE BLOCKING.
 - CONCRETE SHOULD BE CURED FOR AT LEAST 5 DAYS AND SHOULD HAVE A MINIMUM COMPRESSION STRENGTH OF 2,000 PSI AT 28 DAYS.
 - RESTRAINED JOINTS SHALL BE INSTALLED, IN ADDITION TO CONCRETE THRUST BLOCKING, WHEN THRUST BLOCK CURING TIME IS LIMITED.
 - BLOCKS SHALL BE POSITIONED TO COUNTERACT THE DIRECTION OF THE RESULTANT THRUST FORCE.
- ALL PIPE SHALL BE PROPERLY BEDDED.

REVISIONS				DESIGNED	ZVJ	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED	FRI	
				DETAILED	ZVJ	
				DRAWING CHECKED	JRS	

CADD FILE NAME	19944_ljscp-771-812
DRAWING DATE:	August 2019

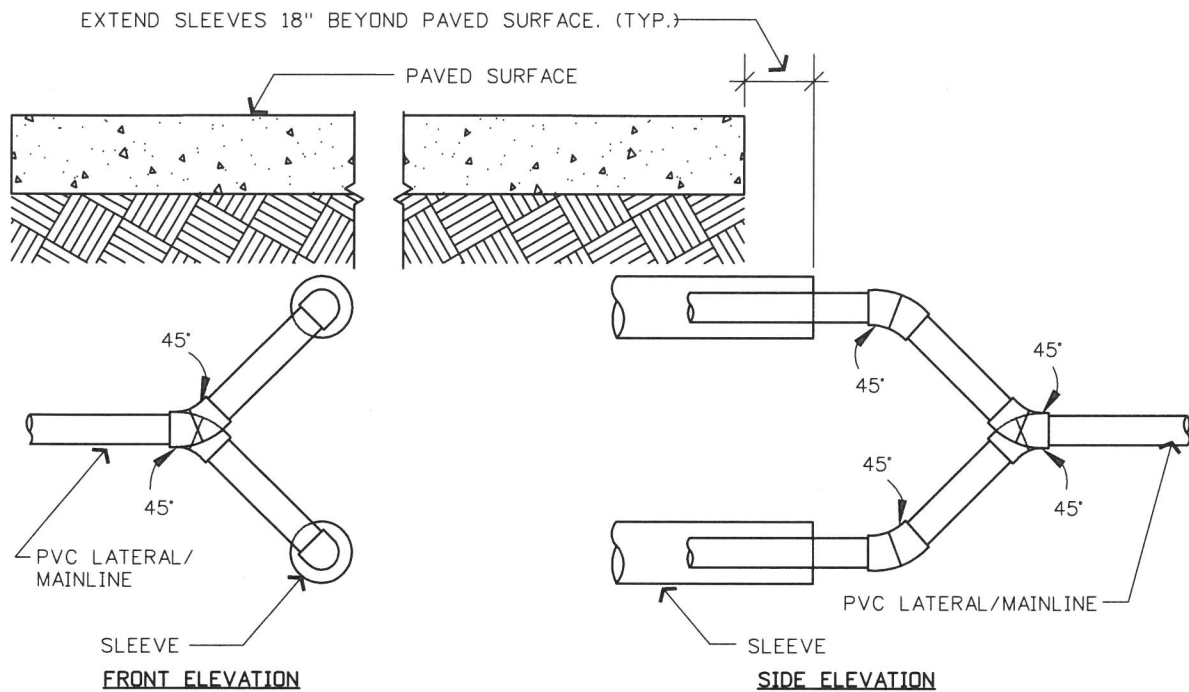
IDAHO TRANSPORTATION DEPARTMENT

Parametrix

PROJECT NO.	DETAIL SHEET	English
A019(944)	US 20/26,CHINDEN; LOCUST GROVE TO EAGLE	COUNTY ADA
	IRRIGATION DETAILS	KEY NUMBER 19944
		SHEET 189 OF 275



FILE: 19944_LCSP_771-812 LAYOUT: 190-IR-DET PATH: \\parametrix.com\pmx\Bola\Projects\Clients\4006-ITD\314-4006-058 Locust Grove to Eagle\98Spec\CADD\DWG\Layoutscape_DWG PLOTTED BY: jhneazco DATE: Thursday, September 12, 2019 7:58:56 AM

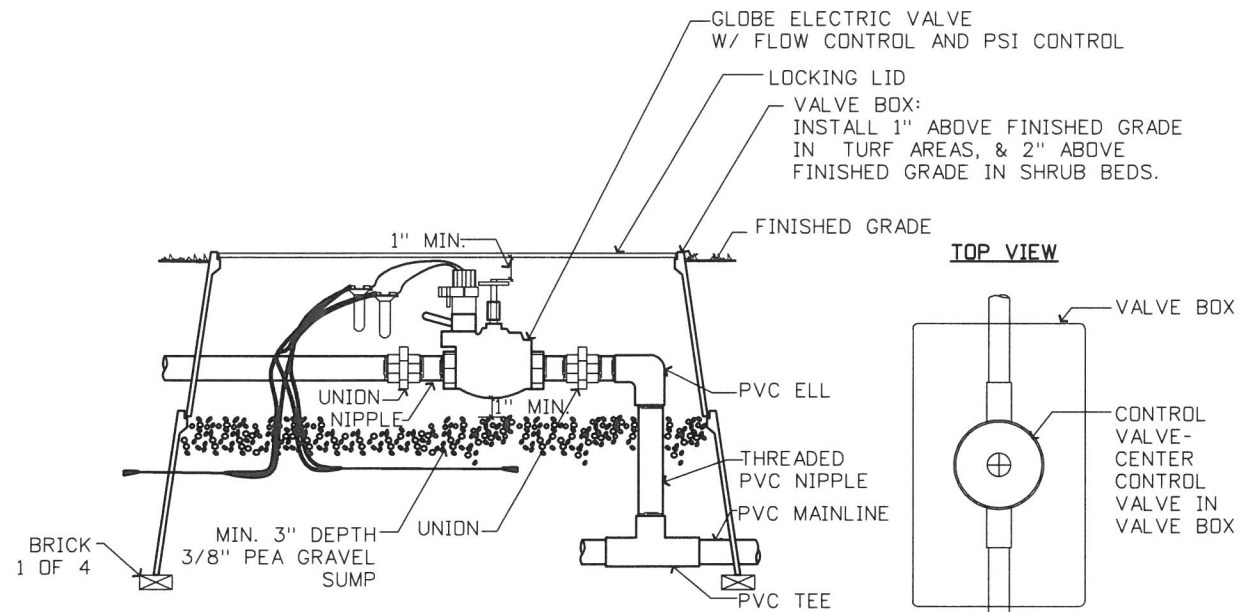


- NOTES :
1. THERE SHALL NOT BE 90° JOINTS DIRECTING LATERALS AND MAINLINES INTO SLEEVES. MAXIMUM ANGLE SHALL BE 45°
 2. INSTALL THRUST BLOCKS AT ALL JOINTS 2 1/2" DIA. OR LARGER.

PIPE SLEEVING

1

NOT TO SCALE

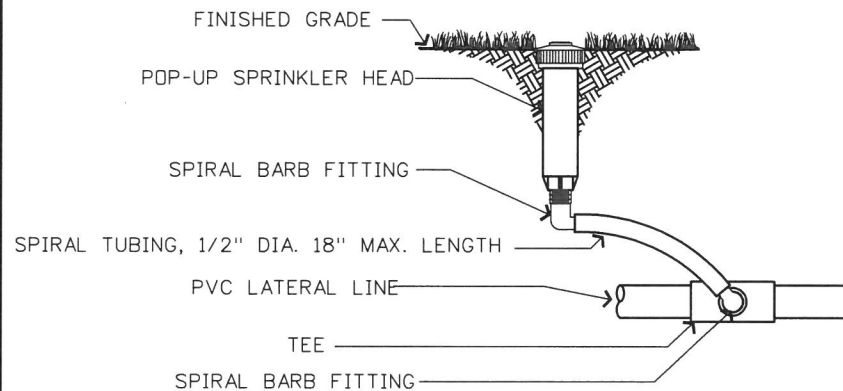


- NOTES :
1. ONE REMOTE CONTROL VALVE PER VALVE BOX. NO MANIFOLD SYSTEM.
 2. ALL NIPPLES AND FITTINGS SHALL BE THREADED AND SCH. 40 INSIDE OF VALVE BOX.
 3. ALL NIPPLES AND FITTINGS SHALL BE THE SAME DIAMETER AS CONTROL VALVE.

CONTROL VALVE IN VALVE BOX

2

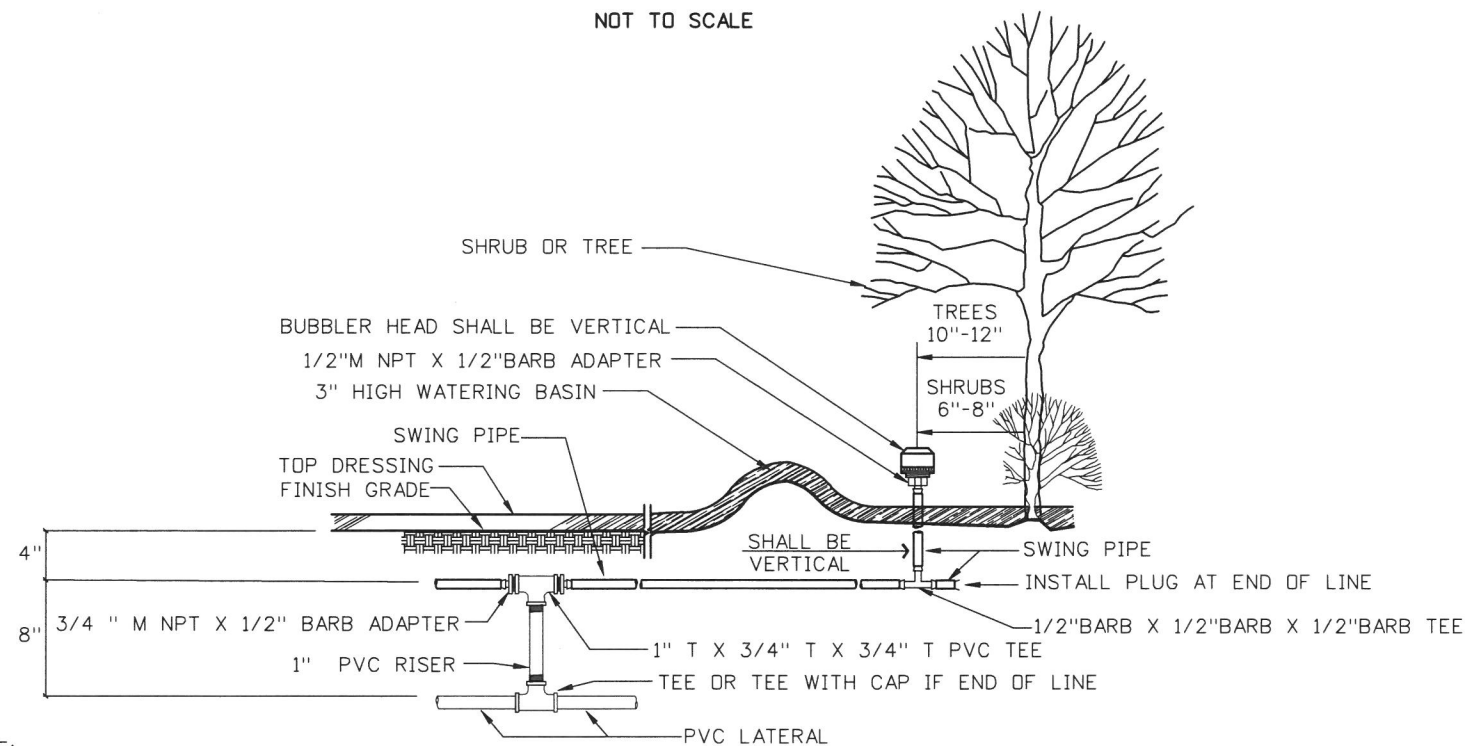
NOT TO SCALE



SPRINKLER HEAD

3

NOT TO SCALE



NOTE:
ALL BUBBLERS SHALL BE VERTICAL AND UNIFORM IN HEIGHT ABOVE TOP DRESSING

BUBBLER HEAD LATERAL AND RISER TO WATERING BASIN

4

NOT TO SCALE

REVISIONS				DESIGNED	ZVJ	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
NO.	DATE	BY	DESCRIPTION			
				DESIGN CHECKED	FRI	
				DETAILED	ZVJ	
				DRAWING CHECKED	JRS	
						CADD FILE NAME 19944_lscp_771-812
						DRAWING DATE: August 2019

IDAHO
TRANSPORTATION
DEPARTMENT



Parametrix

PROJECT NO.

A019(944)

DETAIL SHEET

US 20/26, CHINDEN;
LOCUST GROVE TO EAGLE

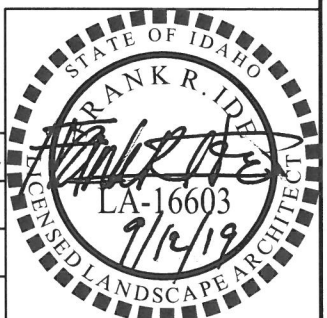
IRRIGATION DETAILS

English

COUNTY ADA

KEY NUMBER 19944

SHEET 190 OF 275



December 11, 2019

Idaho Department of Water Resources
2735 Airport Way
Boise, ID 83705-5082

Re: Application for Permit No. 63-34830;
KN19944: US 20/26, Locust Grove to Eagle Road Widening

Dear Ms. Kaiser,

Thank you for your response letter dated, December 5, 2019, regarding our application for permit to divert water for irrigation use. I have reviewed your response with the applicant, Daris Bruce with the Idaho Transportation Department (ITD).

You are correct that our water use will not exceed 13,000 gallons per day to irrigate the 0.2 acres required for our roadway widening project. Based on the information in your response letter, we understand that such use does not require a permit for use, so we are formally withdrawing our application for permit. I have attached the completed withdrawal form you provided.

Our understanding is that no further action is required.

Feel free to contract me if you have any questions. My phone number is 208.906.1180 and my email is tjohnson@parametrix.com. You may also contact the ITD Resident Engineer, Daris Bruce, at 208.334.8331 or daris.bruce@itd.idaho.gov.

Thank you!



Todd Johnson, PE

Cc: file 314-4006-058

**WITHDRAWAL
OF
APPLICATION FOR PERMIT**

I/We, DARIS BRUCE and _____ ,
(Applicant's Printed Name) (Applicant's Printed Name)

_____ and _____ ,
(Applicant's Printed Name) (Applicant's Printed Name)

hereby withdraw our Application for Permit to Appropriate the Public Waters of the

State of Idaho, No. 63 - 34830 .

Signed this 13th day of DECEMBER , 20 19 .

Daris Bruce IDA RESIDENT ENGINEER
(Signature/Title of Applicant)

(Signature/Title of Applicant)

(Signature/Title of Applicant)

(Signature/Title of Applicant)



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN
Director

December 17, 2019

DARIS BRUCE
IDAHO TRANSPORTATION DEPT
8150 CHINDEN BOULEVARD

RECEIVED

DEC 18 2019

PARAMETRIX
BOISE OFFICE

Re: Withdrawal of Application for Permit No: 63-34830

Dear Applicants:

The Department has received your recent withdrawal of the above referenced application. For your convenience a copy of the withdrawal and application are enclosed.

Please feel free to contact our office at 208-334-2190 if you have additional questions in this matter. Also, more information about water rights and other matters administered by this agency is available on the Internet at www.idwr.idaho.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Anna Kaiser'.

Anna Kaiser
Water Resource Agent
Western Regional Office

Enclosures

Cc: Todd Johnson (Parametrix)

COPY

RECEIVED
DEC 16 2019
WATER RESOURCES
WESTERN REGION

WITHDRAWAL
OF
APPLICATION FOR PERMIT

I/We, DARIS BRUCE and _____,
(Applicant's Printed Name) (Applicant's Printed Name)

_____ and _____,
(Applicant's Printed Name) (Applicant's Printed Name)

hereby withdraw our Application for Permit to Appropriate the Public Waters of the

State of Idaho, No. 03 - 34830.

Signed this 13th day of DECEMBER, 20 19.

Daris Bruce ID RESIDENT ENGINEER
(Signature/Title of Applicant)

(Signature/Title of Applicant)

(Signature/Title of Applicant)

(Signature/Title of Applicant)

RECEIVED

NOV 25 2019

WATER RESOURCES
WESTERN REGIONSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of IdahoIdent. No. 63-34830

COPY

** Withdrawn **

1. Name of applicant(s) Daris Bruce (Idaho Transportation Department) Phone (208)-334-8331
 Name connector (check one): ☐ and ☐ or ☐ and/or
 Mailing address 8150 Chinden Boulevard City Boise
 State Idaho ZIP 83714-1367 Email daris.bruce@itd.idaho.gov
2. Name of representative, if any Todd Johnson (Parametrix) Phone (208)-898-0012
 Mailing address 7761 W Riverside Dr Ste 201 City Boise
 State Idaho ZIP 83714 Email tjohnson@parametrix.com
- a. ☒ Send all correspondence for this application to the representative and not to the applicant OR
☐ Send original correspondence to the applicant and copies to the representative.
- b. ☒ The representative may submit information for the applicant but is not authorized to sign for the applicant OR
☐ The representative is authorized to sign for the applicant. Attach a Power of Attorney or other documentation.
3. Source of water supply groundwater which is a tributary of n/a
4. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	¼	¼	¼	County	Source	Local name or tag #
4N	1E	29		NW	NE	NW	ADA	groundwater	

5. Water will be used for the following purposes:
- Amount 0.11 cfs for irrigation purposes from Mar 15 to Nov 15 (both dates inclusive)
 (cfs or acre-feet per year)
- Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
- Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
- Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
6. Total quantity to be appropriated is (a) 0.11 cubic feet per second (cfs) and/or (b) _____ acre-feet per year (af).
7. Proposed diverting works:
- a. Describe type and size of devices used to divert water from the source. Replace pump in existing domestic well and use well to pressure irrigate sod buffer (between curb and sidewalk) of
- b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 12. For dams 10 feet or more in height AND having a storage capacity of 50 acre-feet or more, submit a separate Application for Construction or Enlargement of a New or Existing Dam. Application required? ☐ Yes ☐ No
- c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☒ No
- e. If well is already drilled, when? unknown; drilling firm unknown;
 well was drilled for (well owner) unknown; Drilling Permit No. unknown

For Department Use

Received by LT Date 11/25/19 Time 1:21pm Preliminary check by _____
 Fee \$ 100.00 Received by LT Receipt No. W047899 Date 11/25/19

8. Description of proposed uses (if irrigation only, go to item 9):
- Hydropower; show total feet of head and proposed capacity in kW. _____
 - Stockwatering; list number and kind of livestock. _____
 - Municipal; must complete and attach the [Municipal Water Right Application Checklist](#).
 - Domestic; show number of households _____
 - Other; describe fully. _____ Change existing domestic well at 2005 East Chinden Boulevard (US 20/26) to irrigate <0.2 acres of sod along US 20 /26 for owner (ITD)
9. Description of place of use:
- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
 - If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
4N	1E	29					0.2												

Total number of acres to be irrigated: 0.2

10. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? _____
No other water rights will be used. The single family home is being demolished. Existing irrigation water rights will be retained but no longer used.
11. a. Who owns the property at the point of diversion? Idaho Transportation Department
b. Who owns the land to be irrigated or place of use? Idaho Transportation Department
c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____
12. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. _____ As part of the US 2026 Locust Grove to Eagle widening project ITD purchased this parcel to construct a storm water pond. The existing domestic well is retained but modified to pressure irrigate a 7'x1000' (0.2 AC) sod buffer within Ada County but outside the limits of both Meridian and Boise. The permit to change the use of the well from domestic use to irrigation will allow ITD to have aesthetic continuity along the south
13. Time required for completion of works and application of water to proposed beneficial use is 1 years (minimum 1 year).
14. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map or maps clearly identifying the proposed point of diversion, place of use, section #, township & range. The map scale shall not be less than two (2) inches equal to one (1) mile.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

Signature of Applicant

Print Name (and title, if applicable)

Signature of Applicant

Print Name (and title, if applicable)