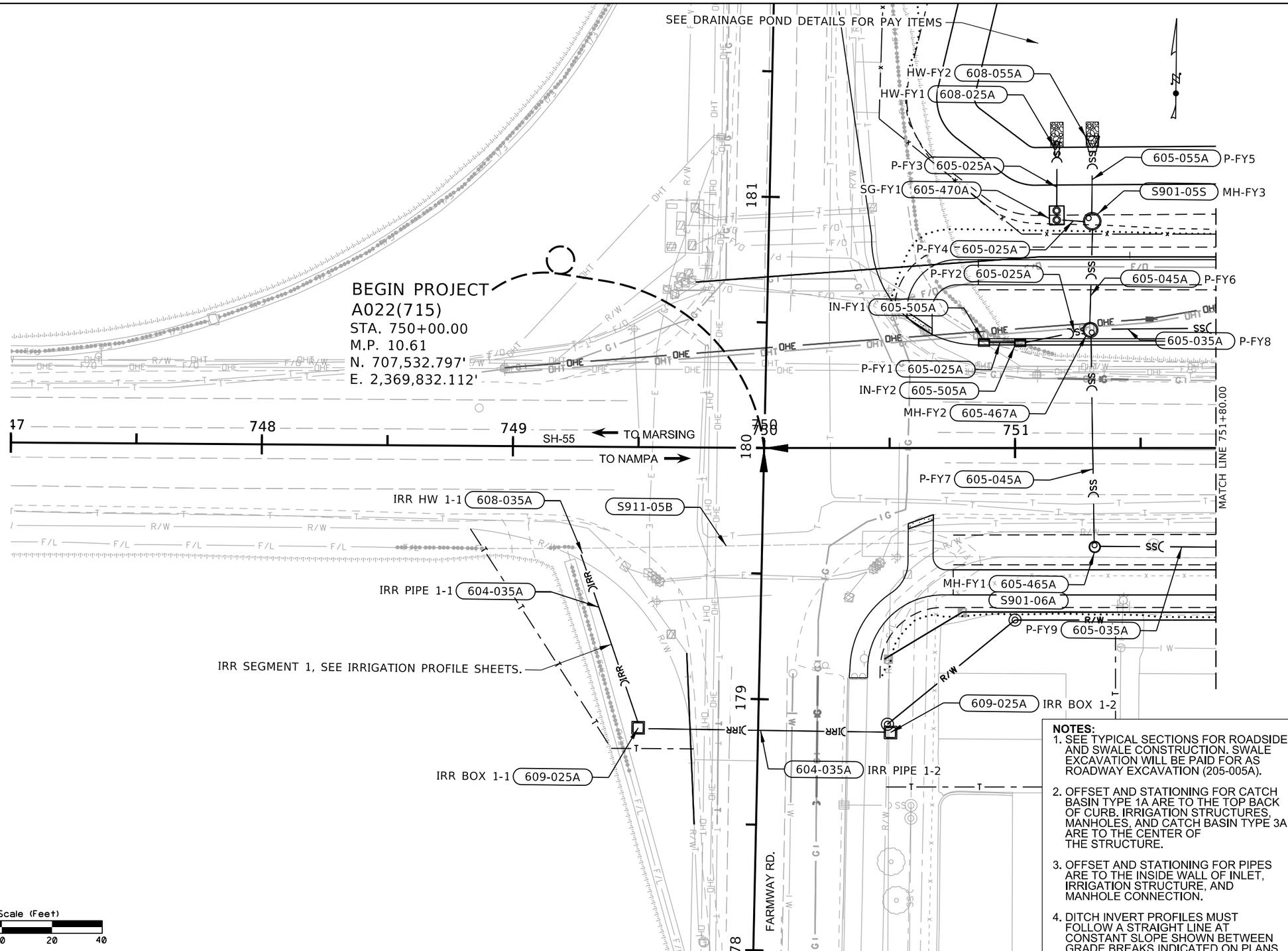

604-035A	**18" IRRIGATION PIPE**
71.00 FT	749+27.41 (43.02' R)- 749+50.64 (109.76' R), IRR PIPE 1-1
97.00 FT	749+52.68 (112.07' R)- 750+48.40 (113.13' R), IRR PIPE 1-2
605-025A	**12" STORM SEWER PIPE**
11.00 FT	750+89.38 (41.99' L)- 751+00.28 (41.91' L), P-FY1
25.00 FT	751+03.78 (41.92' L)- 751+27.51 (46.75' L), P-FY2
24.00 FT	751+16.60 (95.87' L)- 751+16.66 (119.87' L), P-FY3
9.00 FT	751+18.81 (90.77' L)- 751+27.72 (90.10' L), P-FY4
605-035A	**18" STORM SEWER PIPE**
48.00 FT	751+32.49 (47.25' L)- 751+80.00 (47.71' L), P-FY8
47.00 FT	751+33.73 (39.15' R)- 751+80.00 (39.45' R), P-FY9
605-045A	**24" STORM SEWER PIPE**
38.00 FT	751+29.75 (49.49' L)- 751+30.90 (87.28' L), P-FY6
82.00 FT	751+30.25 (44.51' L)- 751+31.49 (37.41' R), P-FY7
605-055A	**30" STORM SEWER PIPE**
27.00 FT	751+30.54 (93.27' L)- 751+30.84 (119.59' L), P-FY5
605-465A	**MANHOLE TYPE C**
1.00 EA	751+31.74 (39.40' R), MH-FY1
605-467A	**MANHOLE TYPE D**
1.00 EA	751+30.00 (47.00' L), MH-FY2
605-470A	**SEDIMENT & OIL TRAP MANHOLE**
1.00 EA	751+16.59 (92.62' L), SG-FY1
605-505A	**CATCH BASIN TYPE 1A**
1.00 EA	750+87.64 (43.58' L), IN-FY1
1.00 EA	751+02.02 (43.50' L), IN-FY2
608-025A	**12" APRON FOR PIPE**
1.00 EA	751+16.66 (119.87' L), HW-FY1
608-035A	**18" APRON FOR PIPE**
1.00 EA	749+27.41 (43.02' R), IRR HW 1-1
608-055A	**30" APRON FOR PIPE**
1.00 EA	751+30.84 (119.59' L), HW-FY2
609-025A	**MINOR STR (5' IRR BOX STRUCTURE)**
1.00 EA	749+50.68 (111.76' R), IRR BOX 1-1
1.00 EA	750+50.40 (113.27' R), IRR BOX 1-2
S901-05S	**SP HIGH FLOW BYPASS MANHOLE**
1.00 EA	751+30.72 (90.28' L), MH-FY3
S901-06A	**SP HEAVY DUTY MANHOLE LID**
1.00 EA	751+31.74 (39.40' R), MH-FY1
S911-05B	**SP REMOVAL OF PIPE**
130.00 FT	749+27.13 (40.48' R)- 750+56.46 (37.85' R)

NOTES:

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4. DITCH INVERT PROFILES MUST FOLLOW A STRAIGHT LINE AT CONSTANT SLOPE SHOWN BETWEEN GRADE BREAKS INDICATED ON PLANS.

NOT APPROVED
FINAL DESIGN
FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	MJS/SLK/WPR
DESIGN CHECKED	WPR
DETAILED	JMJ/MJS/CLD
DRAWING CHECKED	WPR

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME 22715 HYDR 01.DGN

DRAWING DATE: March 05, 2024

IDAHO TRANSPORTATION DEPARTMENT
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

Horrocks.

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS

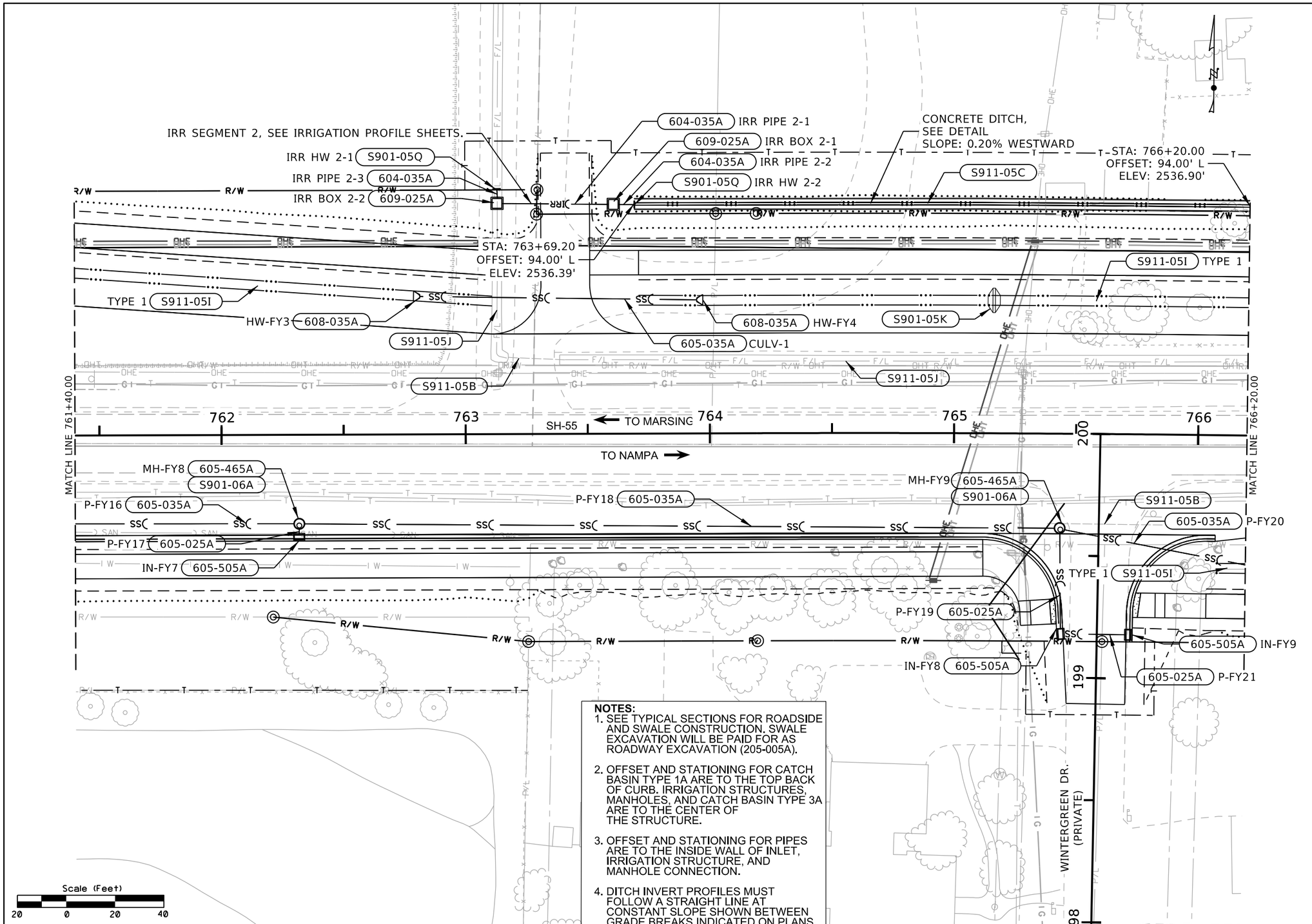
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 747+00 TO STA. 751+80
FOR INFORMATION ONLY

ENGLISH

COUNTY CANYON

KEY NUMBER 22715

SHEET 409 OF 1145



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604-035A	**18" IRRIGATION PIPE**
4.00 FT	763+13.09 (100.20' L)- 763+13.30 (96.48' L), IRR PIPE 2-3
44.00 FT	763+15.11 (94.39' L)- 763+58.76 (93.90' L), IRR PIPE 2-1
7.00 FT	763+62.76 (93.81' L)- 763+69.20 (93.81' L), IRR PIPE 2-2
605-025A	**12" STORM SEWER PIPE**
3.00 FT	762+31.66 (40.87' R)- 762+31.68 (38.46' R), P-FY17
40.00 FT	765+43.59 (40.64' R)- 765+44.02 (80.18' R), P-FY19
26.00 FT	765+45.23 (81.83' R)- 765+71.06 (82.06' R), P-FY21
605-035A	**18" STORM SEWER PIPE**
90.00 FT	761+40.00 (36.18' R)- 762+29.72 (36.43' R), P-FY16
308.00 FT	762+33.72 (36.49' R)- 765+41.50 (38.73' R), P-FY18
114.00 FT	762+81.38 (56.45' L)- 763+94.75 (54.67' L), CULV-1
76.00 FT	765+45.39 (39.33' R)- 766+20.00 (53.01' R), P-FY20
605-465A	**MANHOLE TYPE C**
1.00 EA	762+31.72 (36.46' R), MH-FY8
1.00 EA	765+43.50 (38.64' R), MH-FY9
605-505A	**CATCH BASIN TYPE 1A**
1.00 EA	762+31.67 (43.50' R), IN-FY7
1.00 EA	765+42.60 (82.08' R), IN-FY8
1.00 EA	765+73.70 (82.14' R), IN-FY9
608-035A	**18" APRON FOR PIPE**
1.00 EA	762+81.38 (56.45' L), HW-FY3
1.00 EA	763+94.75 (54.67' L), HW-FY4
609-025A	**MINOR STR (5' IRR BOX STRUCTURE)**
1.00 EA	763+13.11 (94.48' L), IRR BOX 2-2
1.00 EA	763+60.76 (93.86' L), IRR BOX 2-1
S901-05K	**SP DITCH BERM**
1.00 EA	765+16.20 (54.43' L)
S901-05Q	**SP IRR PIPE DITCH CONNECTION**
1.00 EA	763+13.09 (100.20' L), IRR HW 2-1
1.00 EA	763+69.20 (93.81' L), IRR HW 2-2
S901-06A	**SP HEAVY DUTY MANHOLE LID**
1.00 EA	762+31.72 (36.46' R), MH-FY8
1.00 EA	765+43.50 (38.64' R), MH-FY9
S911-05B	**SP REMOVAL OF PIPE**
25.00 FT	763+16.89 (31.40' L)- 763+40.68 (30.32' L)
48.00 FT	765+38.04 (36.79' R)- 765+85.79 (37.03' R)
S911-05C	**SP DITCH (CONCRETE)**
253.00 FT	763+69.20 (94.00' L)- 766+20.00 (94.01' L)
S911-05I	**SP INFILTRATION TRENCH (TYPE 1)**
172.00 FT	761+40.00 (66.40' L)- 763+11.00 (54.47' L)
250.00 FT	763+70.98 (54.63' L)- 766+20.00 (54.44' L)
13.00 FT	766+07.46 (54.46' R)- 766+20.00 (54.45' R)
S911-05J	**SP REMOVAL OF CONCRETE DITCH**
73.00 FT	763+13.09 (100.20' L)- 763+17.04 (31.14' L)
280.00 FT	763+40.86 (30.46' L)- 766+20.00 (30.17' L)

NOT APPROVED

FINAL DESIGN FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
DESIGN CHECKED WPR		
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 01.DGN	Horrocks.
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024	

PROJECT NO.

A022(715)

DRAINAGE/IRRIGATION PLANS

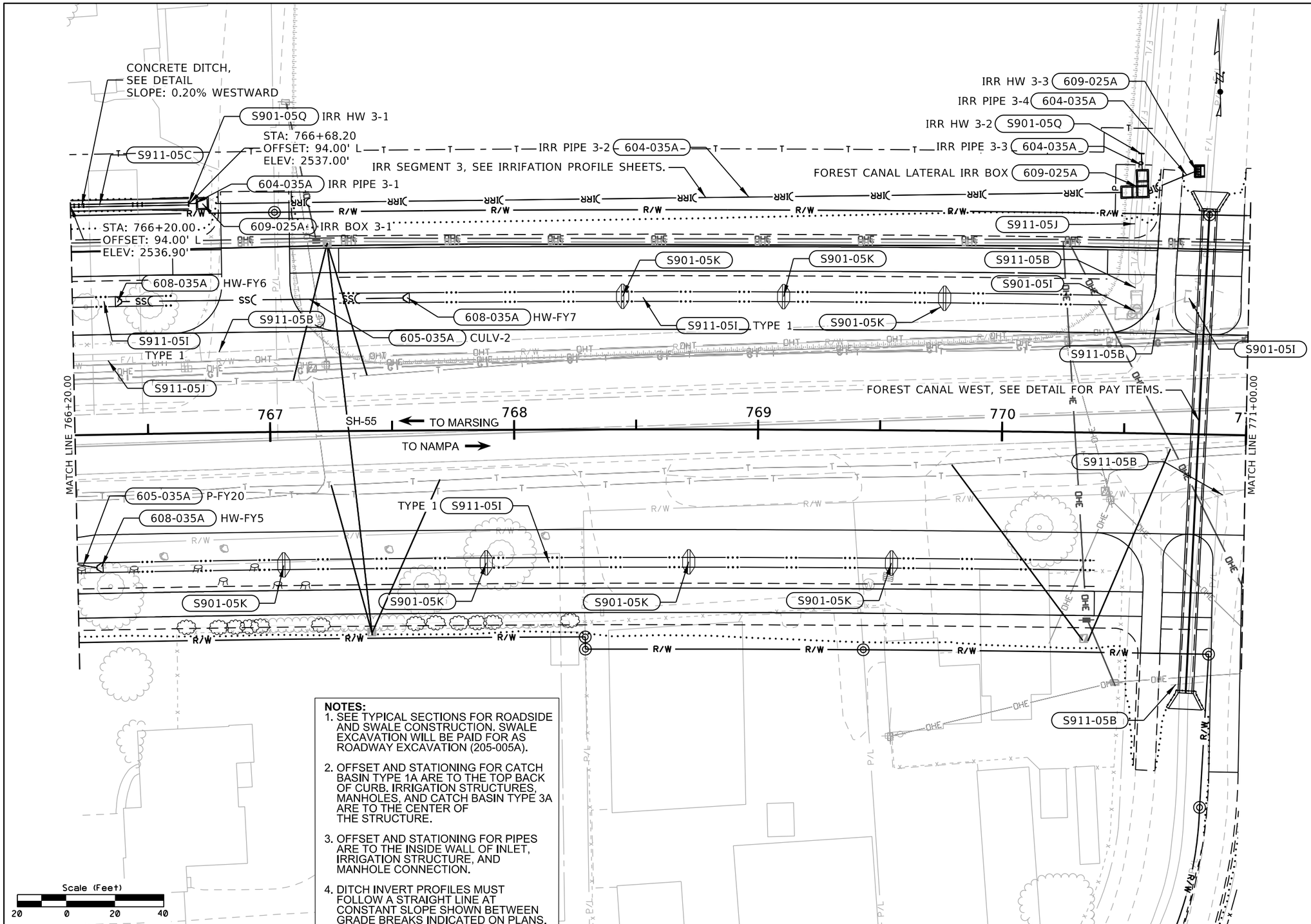
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 761+40 TO STA. 766+20
FOR INFORMATION ONLY

ENGLISH

COUNTY CANYON

KEY NUMBER 22715

SHEET 412 OF 1145



NOTES:

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4. DITCH INVERT PROFILES MUST FOLLOW A STRAIGHT LINE AT CONSTANT SLOPE SHOWN BETWEEN GRADE BREAKS INDICATED ON PLANS.

604-035A	**18" IRRIGATION PIPE**
4.00 FT	766+68.20 (94.08' L)- 766+71.70 (94.00' L), IRR PIPE 3-1
375.00 FT	766+75.67 (93.92' L)- 770+47.64 (98.57' L), IRR PIPE 3-2
8.00 FT	770+55.27 (114.53' L)- 770+55.74 (107.52' L), IRR PIPE 3-3
22.00 FT	770+58.05 (99.18' L)- 770+77.51 (107.81' L), IRR PIPE 3-4
605-035A	**18" STORM SEWER PIPE**
8.00 FT	766+20.00 (53.01' R)- 766+27.89 (54.43' R), P-FY20
116.00 FT	766+40.10 (54.40' L)- 767+54.96 (54.28' L), CULV-2
608-035A	**18" APRON FOR PIPE**
1.00 EA	766+27.89 (54.43' R), HW-FY5
1.00 EA	766+40.10 (54.40' L), HW-FY6
1.00 EA	767+54.96 (54.28' L), HW-FY7
609-025A	**MINOR STR (5' IRR BOX STRUCTURE)**
1.00 EA	766+73.68 (93.99' L), IRR BOX 3-1
609-025A	**MINOR STR (18" IRR HEADWALL)**
1.00 EA	770+77.67 (107.81' L), IRR HW 3-3
609-025A	**MINOR STR (FOREST CANAL LATERAL IRR BOX)**
1.00 EA	770+56.06 (99.07' L)
S901-05I	**SP REMOVAL OF IRRIGATION STRUCTURE**
1.00 EA	770+54.37 (50.70' L)
1.00 EA	770+75.00 (56.64' L)
S901-05K	**SP DITCH BERM**
1.00 EA	767+04.88 (54.51' R)
1.00 EA	767+88.26 (54.47' R)
1.00 EA	768+44.53 (54.53' L)
1.00 EA	768+71.63 (54.26' R)
1.00 EA	769+10.23 (54.51' L)
1.00 EA	769+55.11 (54.37' R)
1.00 EA	769+75.93 (54.30' L)
S901-05Q	**SP IRR PIPE DITCH CONNECTION**
1.00 EA	766+68.20 (94.08' L), IRR HW 3-1
1.00 EA	770+55.27 (114.53 L), IRR HW 3-2
S911-05B	**SP REMOVAL OF PIPE**
378.00 FT	766+69.78 (32.81' L)- 770+45.89 (48.83' L)
6.00 FT	770+53.72 (63.02' L)- 770+53.73 (57.86' L)
20.00 FT	770+56.48 (48.38' L)- 770+74.15 (55.74' L)
14.00 FT	770+70.60 (102.92' R)- 770+84.55 (101.46' R)
18.00 FT	770+82.78 (26.79' R)- 771+00.00 (22.28' R)
S911-05C	**SP DITCH (CONCRETE)**
49.00 FT	766+20.00 (94.00' L)- 766+68.21 (94.00' L)
S911-05I	**SP INFILTRATION TRENCH (TYPE 1)**
42.00 FT	766+20.00 (54.44' L)- 766+61.16 (54.41' L)
417.00 FT	766+20.00 (54.45' R)- 770+38.84 (54.46' R)
315.00 FT	767+28.82 (54.50' L)- 770+42.22 (54.37' L)
S911-05J	**SP REMOVAL OF CONCRETE DITCH**
50.00 FT	766+20.00 (30.17' L)- 766+69.73 (32.27' L)
53.00 FT	770+53.72 (63.02' L)- 770+55.29 (114.78' L)

NOT APPROVED
FINAL DESIGN
FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

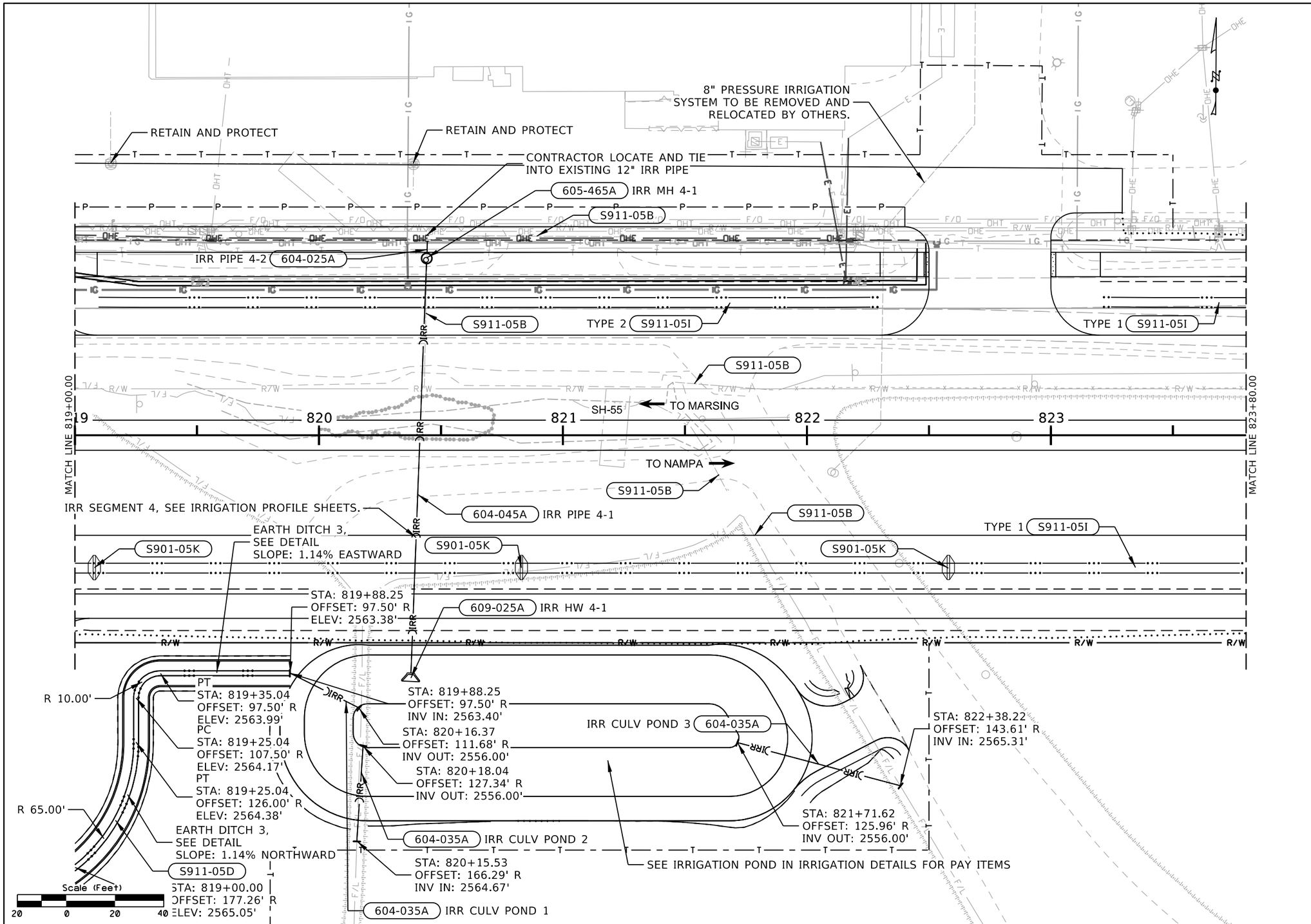
DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED WPR	
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 01.DGN
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024

IDAHO TRANSPORTATION DEPARTMENT
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
Horrocks.

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 766+20 TO STA. 771+00
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 413 OF 1145



604-025A 5.00 FT	**12" IRRIGATION PIPE** 820+44.29 (74.48' L)- 820+44.43 (79.46' L), IRR PIPE 4-2
604-035A 32.00 FT	**18" IRRIGATION PIPE** 819+88.25 (97.53' R)- 820+16.37 (111.68' R) IRR CULV POND 1
40.00 FT	820+15.53 (166.29' R)- 820+18.04 (127.34' R) IRR CULV POND 2
69.00 FT	821+71.62 (125.96' R)- 822+38.22 (143.61' R) IRR CULV POND 3
604-045A 169.00 FT	**24" IRRIGATION PIPE** 820+37.71 (97.44' R)- 820+44.05 (70.48' L), IRR PIPE 4-1
605-465A 1.00 EA	**MANHOLE TYPE C** 820+44.17 (72.48' L), IRR MH 4-1
609-025A 1.00 EA	**MINOR STR (24" CONCRETE HEADWALL)** 820+37.71 (97.44' R), IRR HW 4-1
S901-05K 1.00 EA	**SP DITCH BERM** 819+07.94 (54.44' R)
1.00 EA	820+83.00 (54.50' R)
1.00 EA	822+57.97 (54.50' R)
S911-05B 61.00 FT	**SP REMOVAL OF PIPE** 820+43.15 (19.22' L)- 820+44.38 (79.33' L)
60.00 FT	820+68.05 (81.74' L)- 821+27.45 (81.28' L)
41.00 FT	821+46.06 (21.72' L)- 821+86.16 (18.35' L)
21.00 FT	821+57.63 (4.70' R)- 821+67.18 (22.78' R)
18.00 FT	821+74.13 (33.77' R)- 821+82.81 (48.89' R)
S911-05D 89.00 FT	**SP DITCH (FIELD DRAIN)** 819+00.00 (97.50' R)- 819+88.25 (97.50' R)
S911-05I 480.00 FT	**SP INFILTRATION TRENCH (TYPE 1)** 819+00.00 (54.44' R)- 823+80.00 (54.44' R)
60.00 FT	823+20.09 (54.58' L)- 823+80.00 (54.44' L)
S911-05I 321.00 FT	**SP INFILTRATION TRENCH (TYPE 2)** 819+09.06 (54.52' L)- 822+29.94 (54.54' L)

NOTES:

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FINAL DESIGN FOR CONSTRUCTION

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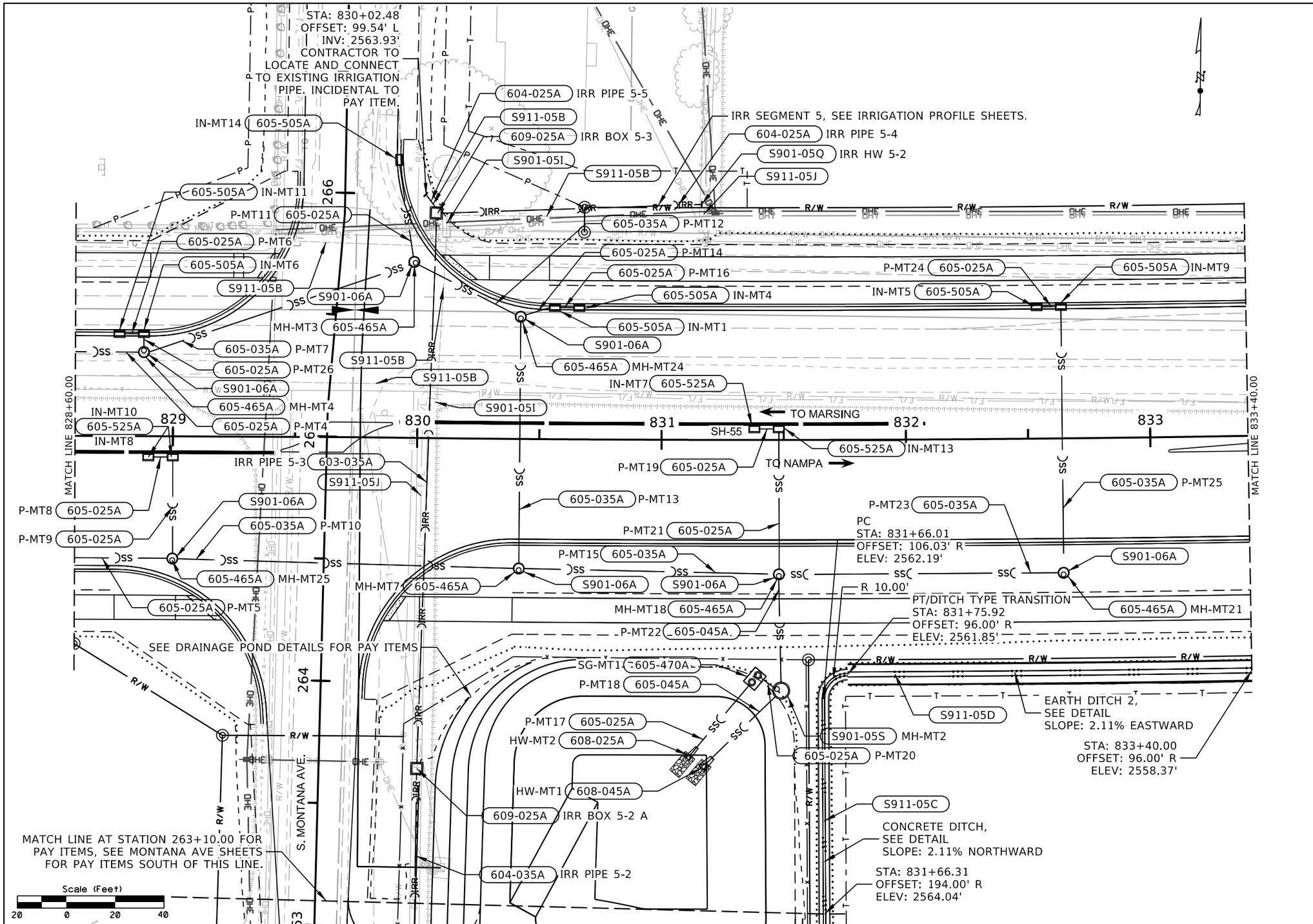
PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS

SH-55, FARMWAY RD. TO MIDDLETON RD.
STA.819+00 TO STA.823+80
FOR INFORMATION ONLY

ENGLISH

COUNTY CANYON
KEY NUMBER 22715
SHEET 425 OF 1145



603-035A 18" PIPE SIPHON
224.00 FT 830+01.38 (133.25' R)-
830+06.94 (90.14' L), IRR PIPE 5-3

604-025A 12" IRRIGATION PIPE
7.00 FT 830+02.55 (99.61' L)-
830+06.66 (94.15' L), IRR PIPE 5-5
107.00 FT 830+08.80 (92.03' L)-
831+16.15 (96.36' L), IRR PIPE 5-4

604-035A 18" IRRIGATION PIPE
54.00 FT 830+01.18 (190.40' R)-
830+01.32 (137.25' R), IRR PIPE 5-2

605-025A 12" STORM SEWER PIPE
27.00 FT 828+60.00 (34.47' L)-
828+86.00 (34.39' L), P-MT4
39.00 FT 828+60.00 (49.84' R)-
828+98.00 (49.90' R), P-MT5
7.00 FT 828+79.74 (41.91' L)-
828+86.24 (41.93' L), P-MT6
5.00 FT 828+87.98 (36.41' L)-
828+87.98 (40.88' L), P-MT26
7.00 FT 828+91.75 (8.50' R)-
828+98.25 (8.50' R), P-MT8
39.00 FT 829+00.00 (9.57' R)-
829+00.10 (48.00' R), P-MT9
39.00 FT 829+91.42 (111.96' L)-
829+97.60 (73.96' L), P-MT11
11.00 FT 830+43.86 (50.76' L)-
830+54.24 (53.92' L), P-MT14
7.00 FT 830+57.76 (53.92' L)-
830+64.24 (53.92' L), P-MT16
38.00 FT 831+12.09 (128.91' R)-
831+36.10 (100.15' R), P-MT17
7.00 FT 831+39.75 (4.49' L)-
831+46.25 (4.49' L), P-MT19
7.00 FT 831+41.01 (97.63' R)-
831+46.11 (101.48' R), P-MT20
57.00 FT 831+48.01 (3.43' L)-
831+48.10 (53.00' R), P-MT21
7.00 FT 832+55.76 (53.92' L)-
832+62.25 (53.91' L), P-MT24

605-035A 18" STORM SEWER PIPE
113.00 FT 828+90.00 (34.44' L)-
829+96.33 (70.88' L), P-MT7
138.00 FT 829+02.00 (50.10' R)-
830+40.01 (53.00' R), P-MT10
46.00 FT 829+99.68 (70.89' L)-
830+40.15 (50.77' L), P-MT12
99.00 FT 830+41.99 (48.00' L)-
830+42.01 (51.00' R), P-MT13
103.00 FT 830+43.99 (53.01' R)-
831+46.01 (54.90' R), P-MT15
113.00 FT 831+49.99 (55.10' R)-
832+62.01 (54.96' R), P-MT23
106.00 FT 832+64.00 (52.88' L)-
832+64.04 (53.00' R), P-MT25

PAY ITEMS CONTINUED ON NEXT SHEET

NOTES:
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FINAL DESIGN

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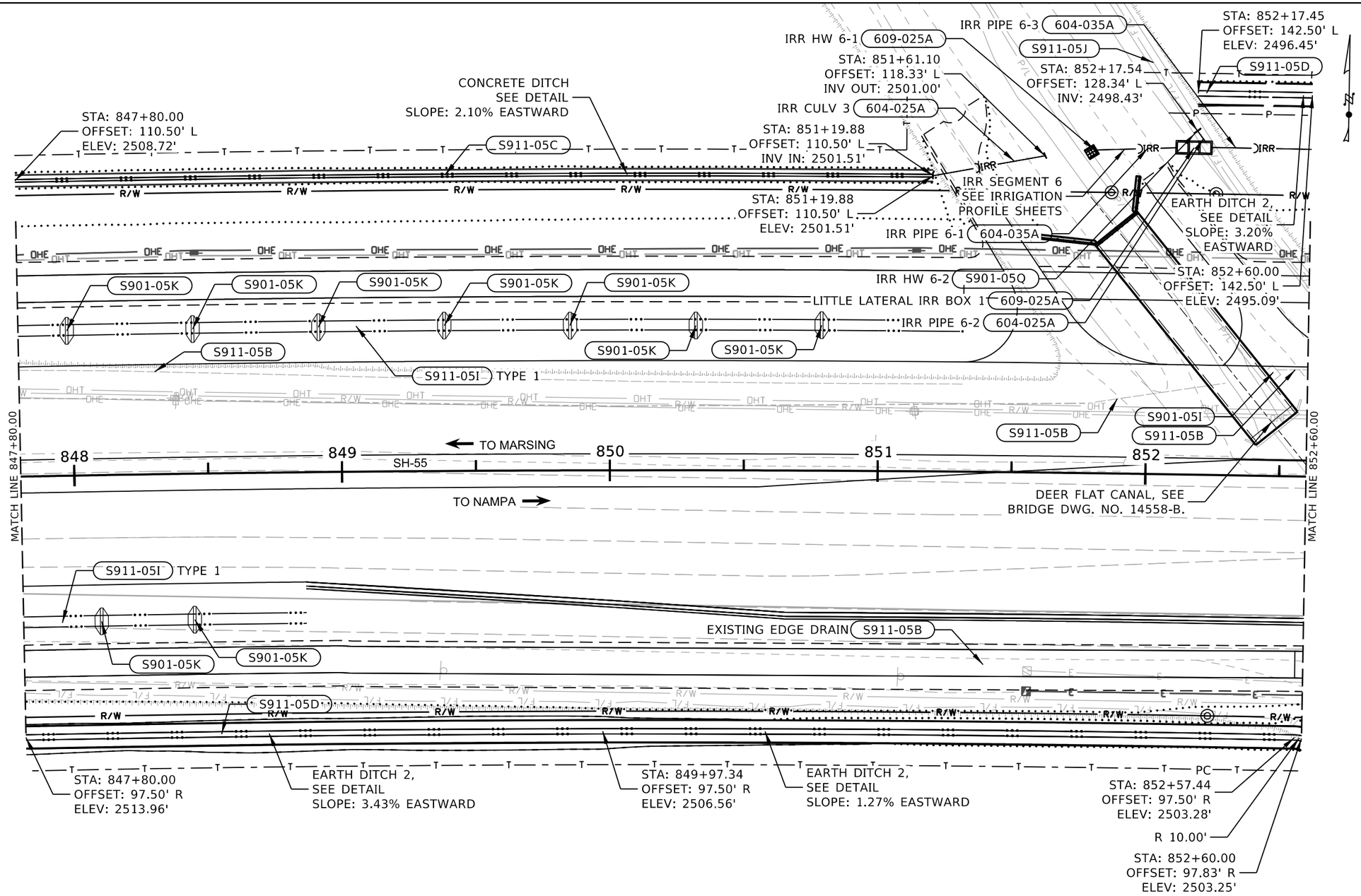
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA.828+60 TO STA.833+40
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 427 OF 1145



604-025A 12" IRRIGATION PIPE
43.00 FT 851+19.88 (110.50' L)-
851+61.10 (118.33' L), IRR-CULV 3
6.00 FT 852+17.52 (128.32' L)-
852+20.63 (124.22' L), IRR PIPE 6-2

604-035A 18" IRRIGATION PIPE
31.00 FT 851+79.66 (120.75' L)-
852+10.02 (122.06' L), IRR PIPE 6-1
38.00 FT 852+22.40 (122.34' L)-
852+60.00 (122.31' L), IRR PIPE 6-3

609-025A MINOR STR (18" IRR HEADWALL)
1.00 EA 851+79.47 (120.75' L), IRR HW 6-1

609-025A MINOR STR (LITTLE LATERAL IRR BOX 1)
1.00 EA 852+16.21 (122.16' L),
LITTLE LATTERAL IRR BOX 1

S901-05K SP DITCH BERM
1.00 EA 847+98.14 (54.14' L)
1.00 EA 848+09.28 (54.64' R)
1.00 EA 848+44.20 (54.55' R)
1.00 EA 848+44.93 (54.02' L)
1.00 EA 848+91.72 (54.09' L)
1.00 EA 849+38.50 (54.34' L)
1.00 EA 849+85.29 (54.07' L)
1.00 EA 850+32.08 (54.12' L)
1.00 EA 850+78.87 (54.35' L)

S901-05I SP REMOVAL OF IRRIGATION STRUCTURE
1.00 EA 852+47.57 (38.80' L)

S901-05Q SP IRRIGATION DITCH PIPE CONNECTION
1.00 EA 852+17.52 (128.32' L), IRR HW 6-2

S911-05B SP REMOVAL OF PIPE
353.00 FT 847+80.00 (39.69' L)-
851+31.41 (32.75' L)
480.00 FT 847+80.00 (70.20' R)-
852+60.00 (70.32' R)
50.00 FT 851+80.87 (26.57' L)-
852+29.36 (34.39' L)
12.00 FT 852+48.35 (39.68' L)-
852+60.00 (39.99' L)

S911-05C SP DITCH (CONCRETE)
343.00 FT 847+80.00 (110.50' L)-
851+19.88 (110.50' L)

PAY ITEMS CONTINUED ON NEXT SHEET

NOTES:
1. SEE TYPICAL SECTION FOR ROADSIDE AND SWALE CONSTRUCTION. SWALE EXCAVATION WILL BE PAID FOR AS ROADWAY EXCAVATION (205-005A).
2. OFFSET AND STATIONING FOR CATCH BASIN TYPE 1A ARE TO THE TOP BACK OF CURB. IRRIGATION STRUCTURES, MANHOLES, AND CATCH BASIN TYPE 3A ARE TO THE CENTER OF THE STRUCTURE.
3. OFFSET AND STATIONING FOR PIPES ARE TO THE INSIDE WALL OF INLET, IRRIGATION STRUCTURE, AND MANHOLE CONNECTION.
4. DITCH INVERT PROFILES MUST FOLLOW A STRAIGHT LINE AT CONSTANT SLOPE SHOWN BETWEEN GRADE BREAKS INDICATED ON PLANS.

NOT APPROVED
FINAL DESIGN
FOR CONSTRUCTION

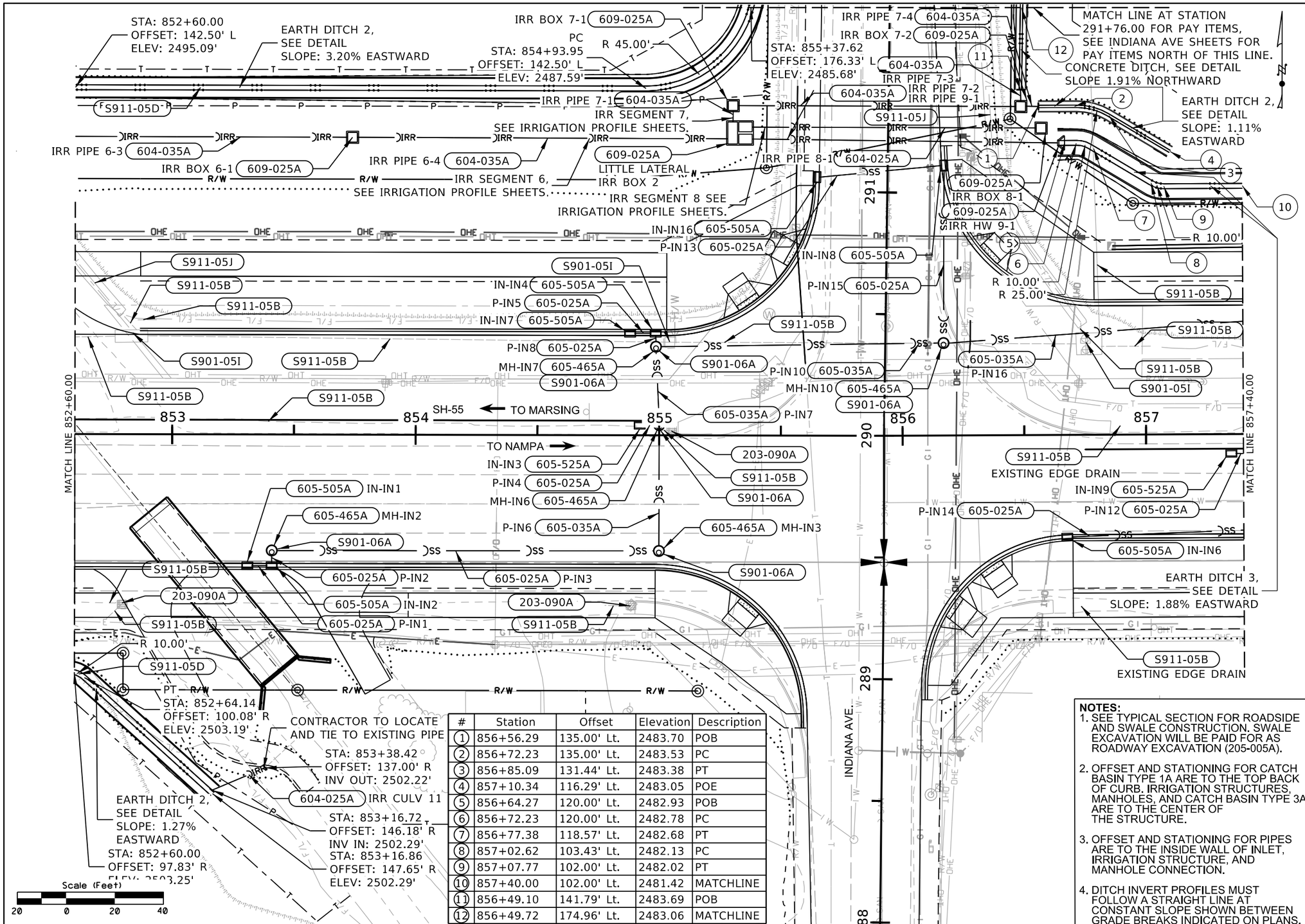
REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
DESIGN CHECKED WPR		
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 02.DGN	
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024	Horrocks.

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 847+80 TO STA. 852+60
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 432 OF 1145



#	Station	Offset	Elevation	Description
1	856+56.29	135.00' Lt.	2483.70	POB
2	856+72.23	135.00' Lt.	2483.53	PC
3	856+85.09	131.44' Lt.	2483.38	PT
4	857+10.34	116.29' Lt.	2483.05	POE
5	856+64.27	120.00' Lt.	2482.93	POB
6	856+72.23	120.00' Lt.	2482.78	PC
7	856+77.38	118.57' Lt.	2482.68	PT
8	857+02.62	103.43' Lt.	2482.13	PC
9	857+07.77	102.00' Lt.	2482.02	PT
10	857+40.00	102.00' Lt.	2481.42	MATCHLINE
11	856+49.10	141.79' Lt.	2483.69	POB
12	856+49.72	174.96' Lt.	2483.06	MATCHLINE

NOTES:

1. SEE TYPICAL SECTION FOR ROADSIDE AND SWALE CONSTRUCTION. SWALE EXCAVATION WILL BE PAID FOR AS ROADWAY EXCAVATION (205-005A).
2. OFFSET AND STATIONING FOR CATCH BASIN TYPE 1A ARE TO THE TOP BACK OF CURB. IRRIGATION STRUCTURES, MANHOLES, AND CATCH BASIN TYPE 3A ARE TO THE CENTER OF THE STRUCTURE.
3. OFFSET AND STATIONING FOR PIPES ARE TO THE INSIDE WALL OF INLET, IRRIGATION STRUCTURE, AND MANHOLE CONNECTION.
4. DITCH INVERT PROFILES MUST FOLLOW A STRAIGHT LINE AT CONSTANT SLOPE SHOWN BETWEEN GRADE BREAKS INDICATED ON PLANS.

203-090A	**REMOVAL OF INLET**
1.00 EA	852+79.50 (70.00' R)
1.00 EA	854+88.75 (70.00' R)
1.00 EA	855+05.00 (2.11' L)
604-025A	**12" IRRIGATION PIPE**
24.00 FT	853+16.72 (146.18' R)- 853+38.42 (137.00' R) IRR CULV 11
117.00 FT	855+37.94 (126.71' L)- 856+55.50 (126.19' L), IRR PIPE 8-1
604-035A	**18" IRRIGATION PIPE**
112.00 FT	852+60.00 (122.31' L)- 853+71.81 (122.21' L), IRR PIPE 6-3
153.00 FT	853+75.81 (122.22' L)- 855+27.92 (121.92' L), IRR PIPE 6-4
5.00 FT	855+30.06 (128.73' L)- 855+30.16 (133.55' L), IRR PIPE 7-1
115.00 FT	855+32.07 (135.55' L)- 856+47.21 (135.07' L), IRR PIPE 7-2
126.00 FT	855+37.97 (121.84' L)- 856+64.27 (120.03' L), IRR PIPE 9-1
5.00 FT	856+49.13 (141.79' L)- 856+49.21 (137.04' L), IRR PIPE 7-3
6.00 FT	856+51.21 (135.17' L)- 856+56.29 (135.00' L), IRR PIPE 7-4
605-025A	**12" STORM SEWER PIPE**
7.00 FT	853+32.70 (53.93' R)- 853+39.20 (53.90' R), P-IN1
4.00 FT	853+40.96 (49.65' R)- 853+40.96 (52.88' R), P-IN2
156.00 FT	853+42.98 (47.68' R)- 854+98.00 (47.49' R), P-IN3
8.00 FT	854+89.75 (41.92' L)- 854+96.75 (41.91' L), P-IN5
5.00 FT	854+93.75 (4.10' L)- 854+98.00 (4.20' L), P-IN4
3.00 FT	854+98.50 (40.88' L)- 854+98.63 (38.43' L), P-IN8
51.00 FT	855+65.67 (106.24' L)- 856+16.44 (110.92' L), P-IN13
70.00 FT	856+17.01 (40.00' L)- 856+17.55 (109.21' L), P-IN15
71.00 FT	856+69.22 (41.93' R)- 857+40.00 (39.45' R), P-IN14
4.00 FT	857+36.75 (7.90' R)- 857+40.00 (8.00' R), P-IN12
605-035A	**18" STORM SEWER PIPE**
48.00 FT	855+00.00 (2.20' L)- 855+00.01 (45.50' R), P-IN6
29.00 FT	854+98.63 (34.43' L)- 855+00.00 (6.20' L), P-IN7
115.00 FT	855+00.63 (36.43' L)- 856+15.00 (38.01' L), P-IN10
122.00 FT	856+19.00 (37.99' L)- 857+40.00 (46.36' L), P-IN16
605-465A	**MANHOLE TYPE C**
1.00 EA	853+40.98 (47.65' R), MH-IN2
1.00 EA	854+98.63 (36.43' L), MH-IN7
1.00 EA	855+00.00 (47.50' R), MH-IN3
1.00 EA	855+00.00 (4.20' L), MH-IN6
1.00 EA	856+17.00 (38.00' L), MH-IN10
605-505A	**CATCH BASIN TYPE 1A**
1.00 EA	853+30.94 (55.50' R), IN-IN1
1.00 EA	853+40.94 (55.50' R), IN-IN2
1.00 EA	854+88.00 (43.50' L), IN-IN7
1.00 EA	854+98.50 (43.50' L), IN-IN4
1.00 EA	855+63.05 (106.28' L), IN-IN16
1.00 EA	856+19.06 (111.02' L), IN-IN8
1.00 EA	856+67.50 (43.54' R), IN-IN6
605-525A	**CATCH BASIN TYPE 3A**
1.00 EA	854+92.00 (4.10' L), IN-IN3
1.00 EA	857+35.00 (7.90' R), IN-IN9

PAY ITEMS CONTINUED ON NEXT SHEET

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR
DESIGN CHECKED WPR
DETAILED JMJ/MJS/CLD
DRAWING CHECKED WPR

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 22715 HYDR 02.DGN
DRAWING DATE: March 05, 2024

IDAHO TRANSPORTATION DEPARTMENT
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
Horrocks.

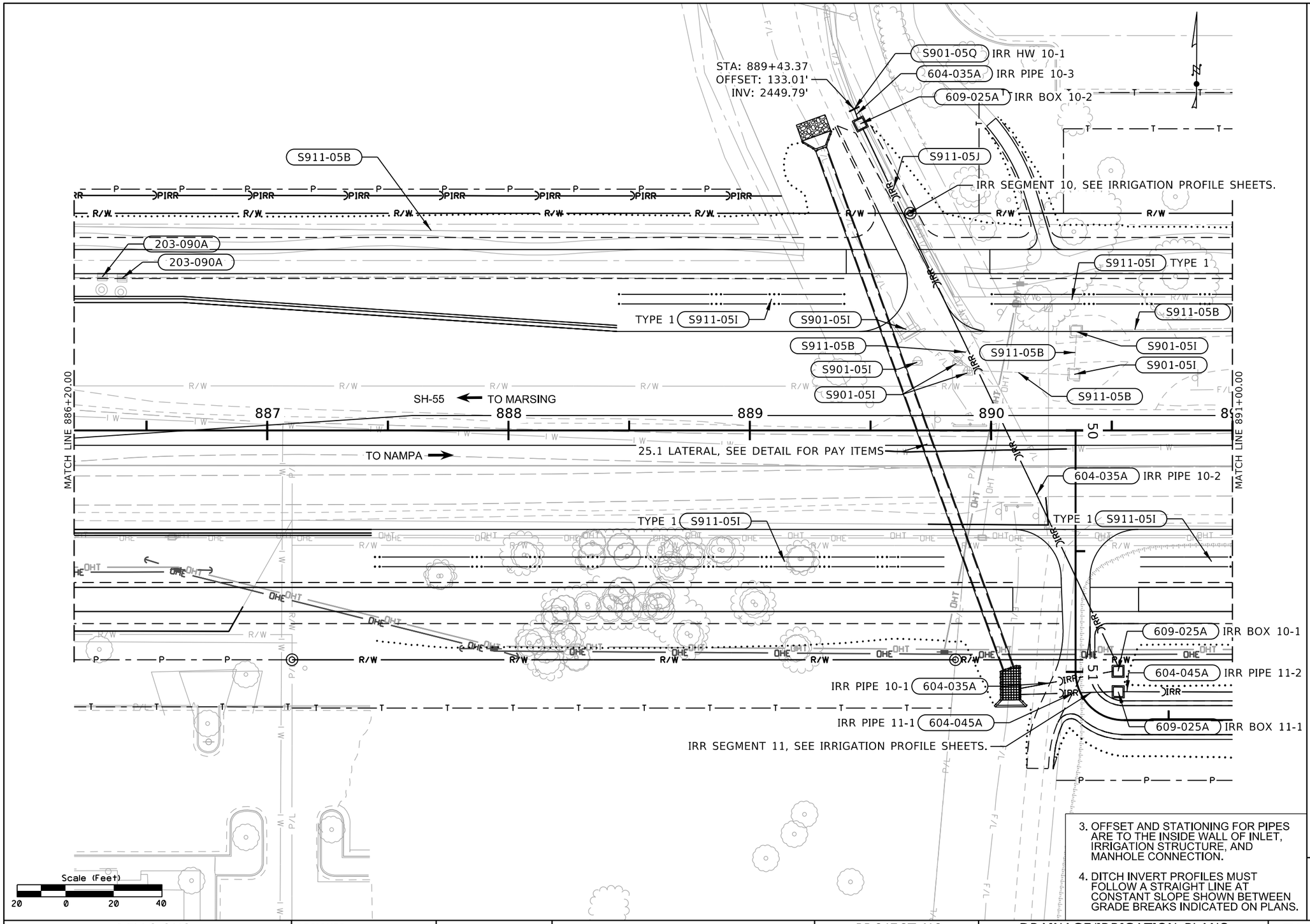
PROJECT NO. A022(715)

DRAINAGE/IRRIGATION PLANS

SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 852+60 TO STA. 857+40
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 434 OF 1145

NOT APPROVED
FINAL DESIGN FOR CONSTRUCTION



203-090A REMOVAL OF INLET
1.00 EA 886+31.67 (63.63' L)
1.00 EA 886+39.87 (63.09' L)

604-035A 18" IRRIGATION PIPE
5.00 FT 889+43.34 (132.99' L)-
889+44.86 (128.76' L), IRR PIPE 10-3
247.00 FT 889+46.76 (125.24' L)-
890+52.65 (97.80' R), IRR PIPE 10-2
39.00 FT 890+12.29 (106.85' R)-
890+50.60 (99.73' R), IRR PIPE 10-1

604-045A 24" IRRIGATION PIPE
39.00 FT 890+12.26 (109.40' R)-
890+50.67 (108.26' R), IRR PIPE 11-1
46.00 FT 890+54.67 (108.28' R)-
891+00.00 (108.35' R) IRR PIPE 11-2

609-025A MINOR STR (5' IRR BOX STRUCTURE)
1.00 EA 889+45.76 (126.97' L), IRR BOX 10-2
1.00 EA 890+52.60 (99.80' R), IRR BOX 10-1
1.00 EA 890+52.67 (108.27' R), IRR BOX 11-1

S901-05I SP REMOVAL OF IRRIGATION STRUCTURE
1.00 EA 889+67.25 (38.88' L)
1.00 EA 889+69.50 (28.96' L)
1.00 EA 889+86.10 (28.91' L)
1.00 EA 889+91.86 (25.56' L)
1.00 EA 890+34.52 (23.18' L)
1.00 EA 890+35.35 (41.23' L)

S901-05Q SP IRR PIPE DITCH CONNECTION
1.00 EA 889+43.35 (132.99' L), IRR HW 10-1

S911-05B SP REMOVAL OF PIPE
13.00 FT 889+86.20 (28.15' L)-
889+94.44 (39.63' L)
43.00 FT 889+90.97 (24.90' L)-
890+32.42 (23.07' L)
15.00 FT 890+34.46 (25.33' L)-
890+35.34 (39.22' L)
63.00 FT 890+37.25 (41.30' L)-
891+00.00 (42.32' L)

S911-05I SP INFILTRATION TRENCH (TYPE 1)
238.00 FT 887+43.33 (54.44' R)-
889+80.63 (54.44' R)
95.00 FT 888+45.00 (54.44' L)-
889+39.96 (54.44' L)
101.00 FT 889+99.46 (54.44' L)-
891+00.00 (54.44' L)
39.00 FT 890+61.00 (54.44' R)-
891+00.00 (54.44' R)

S911-05J SP REMOVAL OF CONCRETE DITCH
105.00 FT 889+45.12 (129.45' L)-
889+95.85 (41.56' L)

NOTES:
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2. OFFSET AND STATIONING FOR CATCH BASIN TYPE 1A ARE TO THE TOP BACK OF CURB. IRRIGATION STRUCTURES, MANHOLES, AND CATCH BASIN TYPE 3A ARE TO THE CENTER OF THE STRUCTURE.
3. OFFSET AND STATIONING FOR PIPES ARE TO THE INSIDE WALL OF INLET, IRRIGATION STRUCTURE, AND MANHOLE CONNECTION.
4. DITCH INVERT PROFILES MUST FOLLOW A STRAIGHT LINE AT CONSTANT SLOPE SHOWN BETWEEN GRADE BREAKS INDICATED ON PLANS.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR
DESIGN CHECKED WPR
DETAILED JMJ/MJS/CLD
DRAWING CHECKED WPR

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 22715 HYDR 02.DGN
DRAWING DATE: March 05, 2024

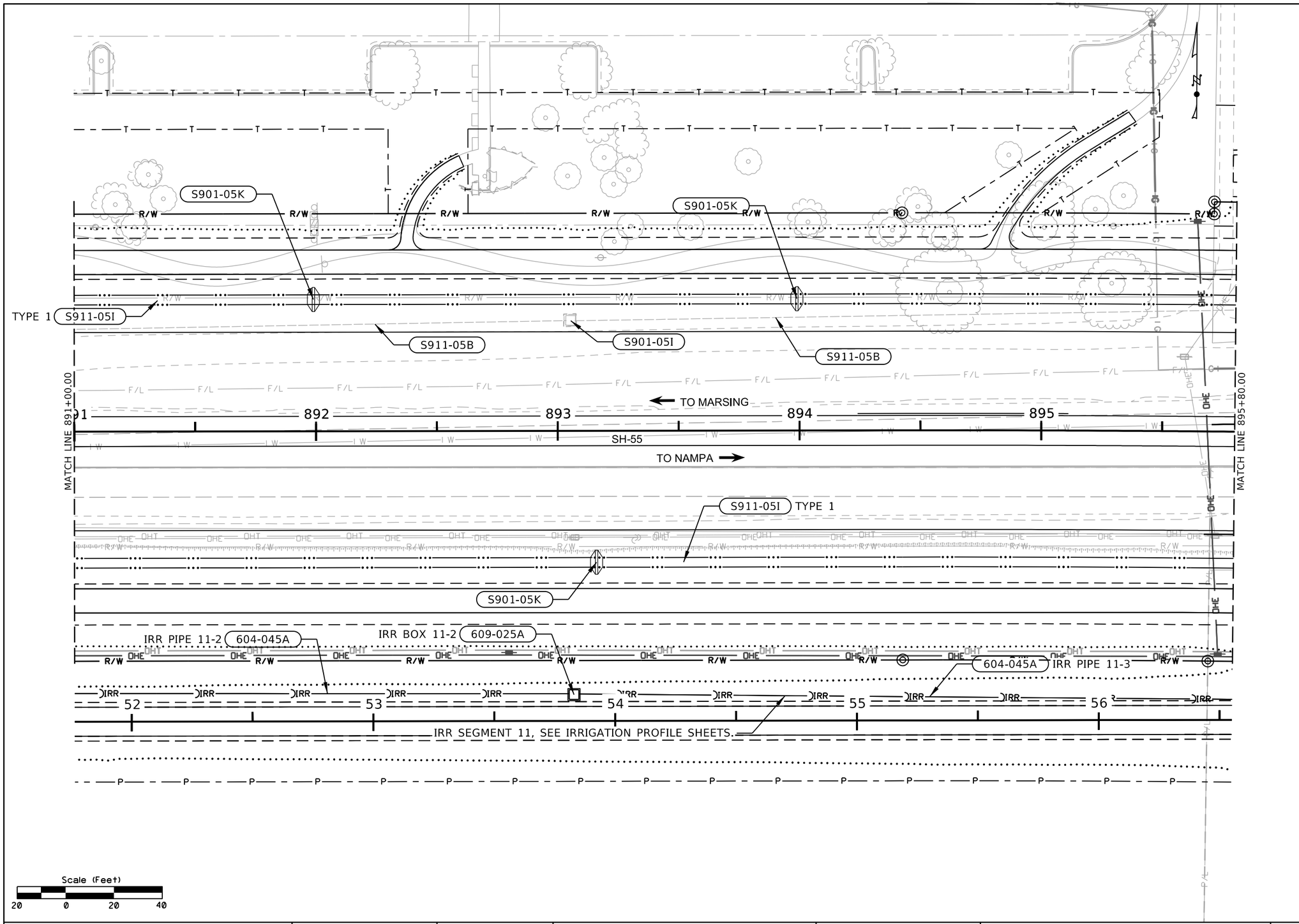
IDAHO TRANSPORTATION DEPARTMENT
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
Horrocks.

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 886+20 TO STA. 891+00
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 443 OF 1145

NOT APPROVED
FINAL DESIGN FOR CONSTRUCTION



604-045A 24" IRRIGATION PIPE
205.00 FT 891+00.00 (108.35' R)-
893+04.52 (108.77' R), IRR PIPE 11-2
271.00 FT 893+08.52 (108.86' R)-
895+80.00 (110.72' R), IRR PIPE 11-3

609-025A MINOR STR (5' IRR BOX STRUCTURE)
1.00 EA 893+06.52 (109.15' R), IRR BOX 11-2

S901-05I SP REMOVAL OF IRRIGATION STRUCTURE
1.00 EA 893+05.15 (45.68' L)

S901-05K SP DITCH BERM
1.00 EA 891+98.98 (54.51' L)
1.00 EA 893+15.97 (54.36' R)
1.00 EA 893+98.99 (54.51' L)

S911-05B SP REMOVAL OF PIPE
204.00 FT 891+00.00 (42.32' L)-
893+03.36 (45.62' L)
274.00 FT 893+07.36 (45.56' L)-
895+80.00 (50.33' L)

S911-05I SP INFILTRATION TRENCH (TYPE 1)
480.00 FT 891+00.00 (54.44' R)-
895+80.00 (54.44' R)
480.00 FT 891+00.00 (54.44' L)-
895+80.00 (54.44' L)

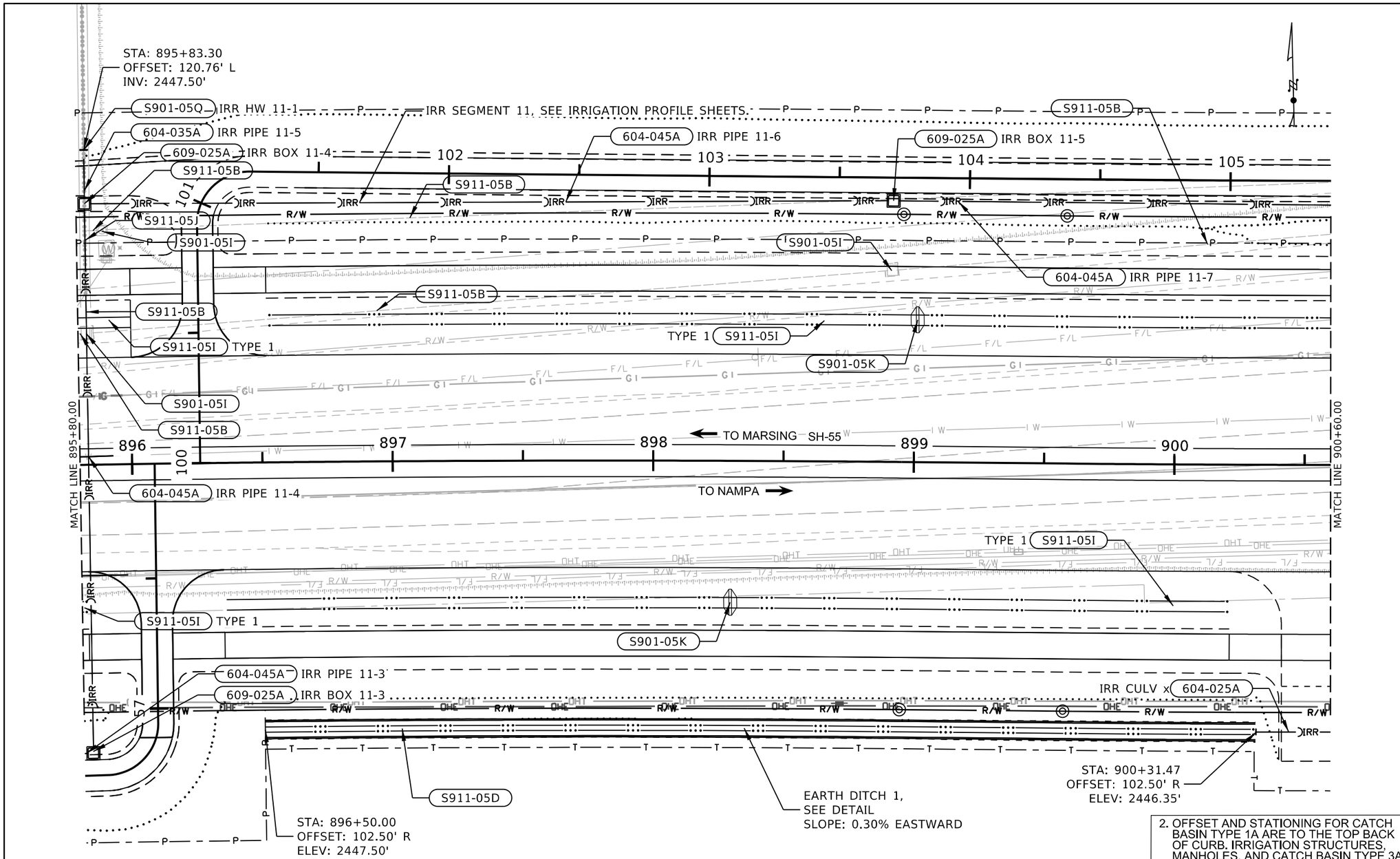
NOTES:
1. SEE TYPICAL SECTION FOR ROADSIDE AND SWALE CONSTRUCTION. SWALE EXCAVATION WILL BE PAID FOR AS ROADWAY EXCAVATION (205-005A).
2. OFFSET AND STATIONING FOR CATCH BASIN TYPE 1A ARE TO THE TOP BACK OF CURB. IRRIGATION STRUCTURES, MANHOLES, AND CATCH BASIN TYPE 3A ARE TO THE CENTER OF THE STRUCTURE.
3. OFFSET AND STATIONING FOR PIPES ARE TO THE INSIDE WALL OF INLET, IRRIGATION STRUCTURE, AND MANHOLE CONNECTION.
4. DITCH INVERT PROFILES MUST FOLLOW A STRAIGHT LINE AT CONSTANT SLOPE SHOWN BETWEEN GRADE BREAKS INDICATED ON PLANS.

NOT APPROVED FOR CONSTRUCTION
FINAL DESIGN

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity Horrocks.
DESIGN CHECKED WPR		
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 02.DGN	
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024	

PROJECT NO.	DRAINAGE/IRRIGATION PLANS	ENGLISH
A022(715)	SH-55, FARMWAY RD. TO MIDDLETON RD. STA. 891+00 TO STA. 895+80 FOR INFORMATION ONLY	COUNTY CANYON KEY NUMBER 22715 SHEET 444 OF 1145



604-025A **12" IRRIGATION PIPE**
29.00 FT 900+31.78 (102.55' L)-
900+60.00 (102.50' L), IRR CULV x

604-035A **18" IRRIGATION PIPE**
19.00 FT 895+83.31 (102.16' L)-
895+83.33 (120.60' L)
IRR PIPE 11-5

604-045A **24" IRRIGATION PIPE**
2.00 FT 895+80.00 (110.72' R)-
895+81.27 (110.72' R), IRR PIPE 11-3
207.00 FT 895+83.27 (98.16' L)-
895+83.33 (108.62' R), IRR PIPE 11-4
307.00 FT 895+85.27 (100.13' L)-
898+89.35 (100.16' L), IRR PIPE 11-6
166.00 FT 898+93.32 (100.18' L)-
900+60.00 (99.67' L), IRR PIPE 11-7

609-025A **MINOR STR (5' IRR BOX STRUCTURE)**
1.00 EA 895+83.29 (110.62' R), IRR BOX 11-3
1.00 EA 895+83.29 (100.16' L), IRR BOX 11-4
1.00 EA 898+91.34 (100.16' L), IRR BOX 11-5

S901-05I **SP REMOVAL OF IRRIGATION STRUCTURE**
1.00 EA 895+83.27 (50.50' L)
1.00 EA 895+89.79 (89.84' L)
1.00 EA 898+91.50 (73.40' L)

S901-05K **SP DITCH BERM**
1.00 EA 898+29.73 (54.28' R)
1.00 EA 899+00.98 (54.63' L)

S901-05Q **SP IRRIGATION DITCH PIPE CONNECTION**
1.00 EA 895+83.33 (120.60' L), IRR HW 11-1

S911-05B **SP REMOVAL OF PIPE**
2.00 FT 895+80.00 (50.33' L)-
895+81.23 (50.36' L)
11.00 FT 895+83.21 (63.32' L)-
895+83.22 (52.47' L)
5.00 FT 895+84.22 (89.82' L)-
895+88.11 (89.70' L)
307.00 FT 895+85.21 (50.52' L)-
898+89.18 (73.29' L)
471.00 FT 895+91.81 (90.10' L)-
900+60.00 (108.39' L)
167.00 FT 898+93.15 (73.62' L)-
900+60.00 (88.47' L)

S911-05D **SP DITCH (FIELD DRAIN)**
409.00 FT 896+50.00 (102.50' R)-
900+60.00 (102.50' R)

S911-05I **SP INFILTRATION TRENCH (TYPE 1)**
21.00 FT 895+80.00 (54.44' L)-
896+00.19 (54.44' L)
3.00 FT 895+80.00 (54.46' R)-
895+82.45 (54.46' R)
425.00 FT 896+34.82 (54.46' R)-
900+60.00 (54.44' R)
409.00 FT 896+51.98 (54.50' L)-
900+60.00 (54.44' L)

S911-05J **SP REMOVAL OF CONCRETE DITCH**
37.00 FT 895+83.10 (65.76' L)-
895+83.28 (102.66' L)

2. OFFSET AND STATIONING FOR CATCH BASIN TYPE 1A ARE TO THE TOP BACK OF CURB. IRRIGATION STRUCTURES, MANHOLES, AND CATCH BASIN TYPE 3A ARE TO THE CENTER OF THE STRUCTURE.

3. OFFSET AND STATIONING FOR PIPES ARE TO THE INSIDE WALL OF INLET, IRRIGATION STRUCTURE, AND MANHOLE CONNECTION.

4. DITCH INVERT PROFILES MUST FOLLOW A STRAIGHT LINE AT CONSTANT SLOPE SHOWN BETWEEN GRADE BREAKS INDICATED ON PLANS.

NOTES:
1. SEE TYPICAL SECTION FOR ROADSIDE AND SWALE CONSTRUCTION. SWALE EXCAVATION WILL BE PAID FOR AS ROADWAY EXCAVATION (205-005A).

NOT APPROVED
FINAL DESIGN
FOR CONSTRUCTION

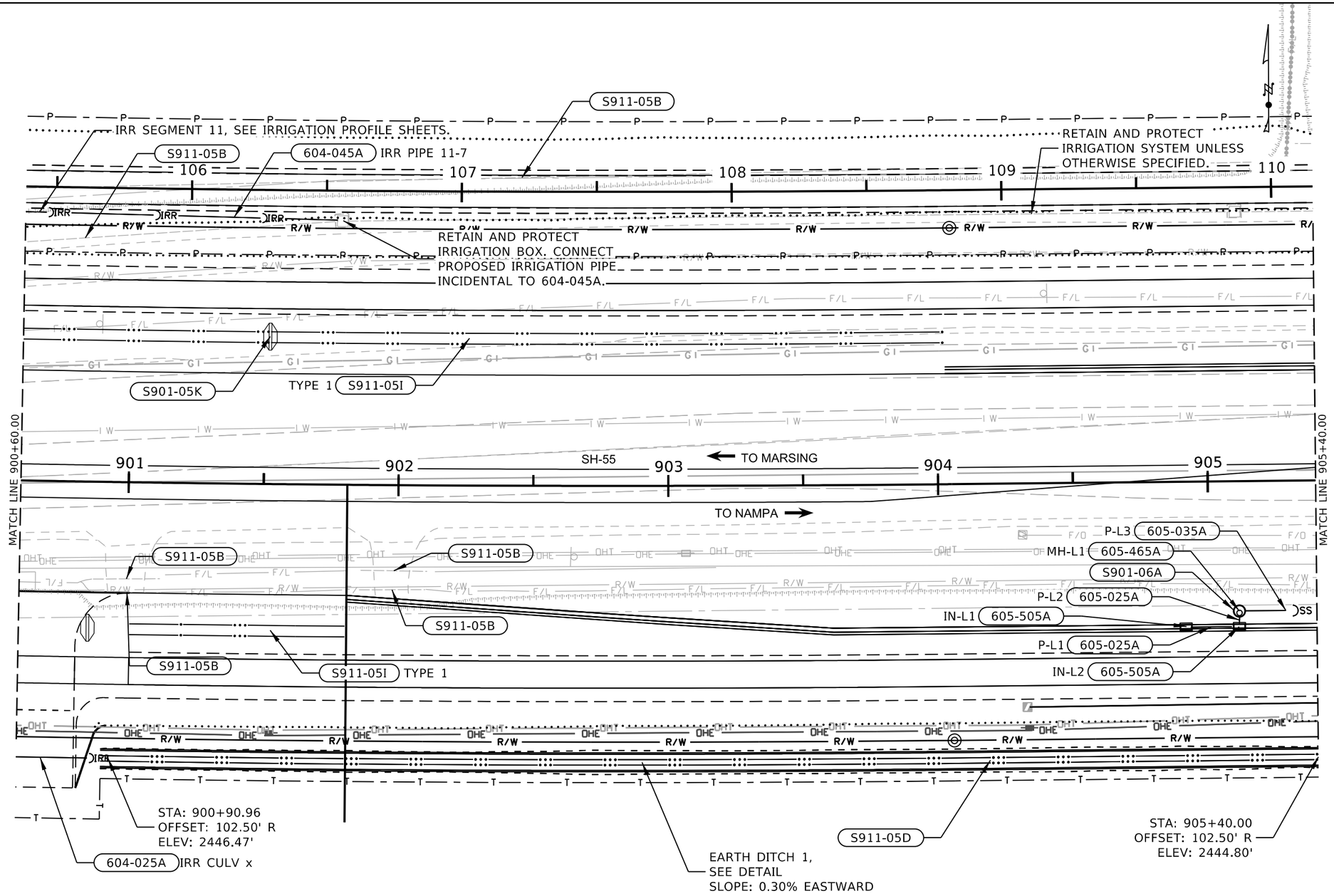
REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
DESIGN CHECKED WPR		
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 02.DGN	
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024	Horrocks.

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 985+80 TO STA. 900+60
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 445 OF 1145



604-025A	**12" IRRIGATION PIPE**
34.00 FT	900+60.00 (102.50' L) 900+93.60 (102.48' R), IRR CULV x
604-045A	**24" IRRIGATION PIPE**
116.00 FT	900+60.00 (99.67' L)- 901+76.70 (98.07' L), IRR PIPE 11-7
605-025A	**12" STORM SEWER PIPE**
17.00 FT	904+93.20 (53.92' R)- 905+09.47 (53.91' R), P-L1
3.00 FT	905+11.22 (52.88' R)- 905+11.32 (50.14' R), P-L2
605-035A	**18" STORM SEWER PIPE**
27.00 FT	905+13.27 (48.09' R)- 905+40.00 (48.15' R), P-L3
605-465A	**MANHOLE TYPE C**
1.00 EA	905+11.27 (48.14' R), MH-L1
605-505A	**CATCH BASIN TYPE 1A**
1.00 EA	904+91.45 (55.50' R), IN-L1
1.00 EA	905+11.21 (55.50' R), IN-L2
S901-05K	**SP DITCH BERM**
1.00 EA	901+51.92 (54.64' L)
S901-06A	**SP HEAVY DUTY MANHOLE LID**
1.00 EA	905+11.27 (48.14' R), MH-L1
S911-05B	**SP REMOVAL OF PIPE**
468.00 FT	900+60.00 (108.39' L)- 905+30.24 (118.36' L)
117.00 FT	900+60.00 (88.47' L)- 901+76.84 (97.58' L)
25.00 FT	900+87.27 (36.08' R)- 901+12.00 (35.62' R)
25.00 FT	900+87.61 (40.80' R)- 901+12.28 (40.76' R)
25.00 FT	901+85.61 (38.92' R)- 902+10.09 (38.66' R)
25.00 FT	901+86.16 (31.65' R)- 902+10.79 (31.89' R)
S911-05D	**SP DITCH (FIELD DRAIN)**
483.00 FT	900+60.00 (102.50' R)- 905+40.00 (102.50' R)
S911-05I	**SP INFILTRATION TRENCH (TYPE 1)**
122.00 FT	900+60.00 (54.44' R)- 901+81.00 (54.44' R)
342.00 FT	900+60.00 (54.44' L)- 904+02.93 (54.44' L)

NOTES:

1. SEE TYPICAL SECTION FOR ROADSIDE AND SWALE CONSTRUCTION. SWALE EXCAVATION WILL BE PAID FOR AS ROADWAY EXCAVATION (205-005A).
2. OFFSET AND STATIONING FOR CATCH BASIN TYPE 1A ARE TO THE TOP BACK OF CURB. IRRIGATION STRUCTURES, MANHOLES, AND CATCH BASIN TYPE 3A ARE TO THE CENTER OF THE STRUCTURE.
3. OFFSET AND STATIONING FOR PIPES ARE TO THE INSIDE WALL OF INLET, IRRIGATION STRUCTURE, AND MANHOLE CONNECTION.
4. DITCH INVERT PROFILES MUST FOLLOW A STRAIGHT LINE AT CONSTANT SLOPE SHOWN BETWEEN GRADE BREAKS INDICATED ON PLANS.

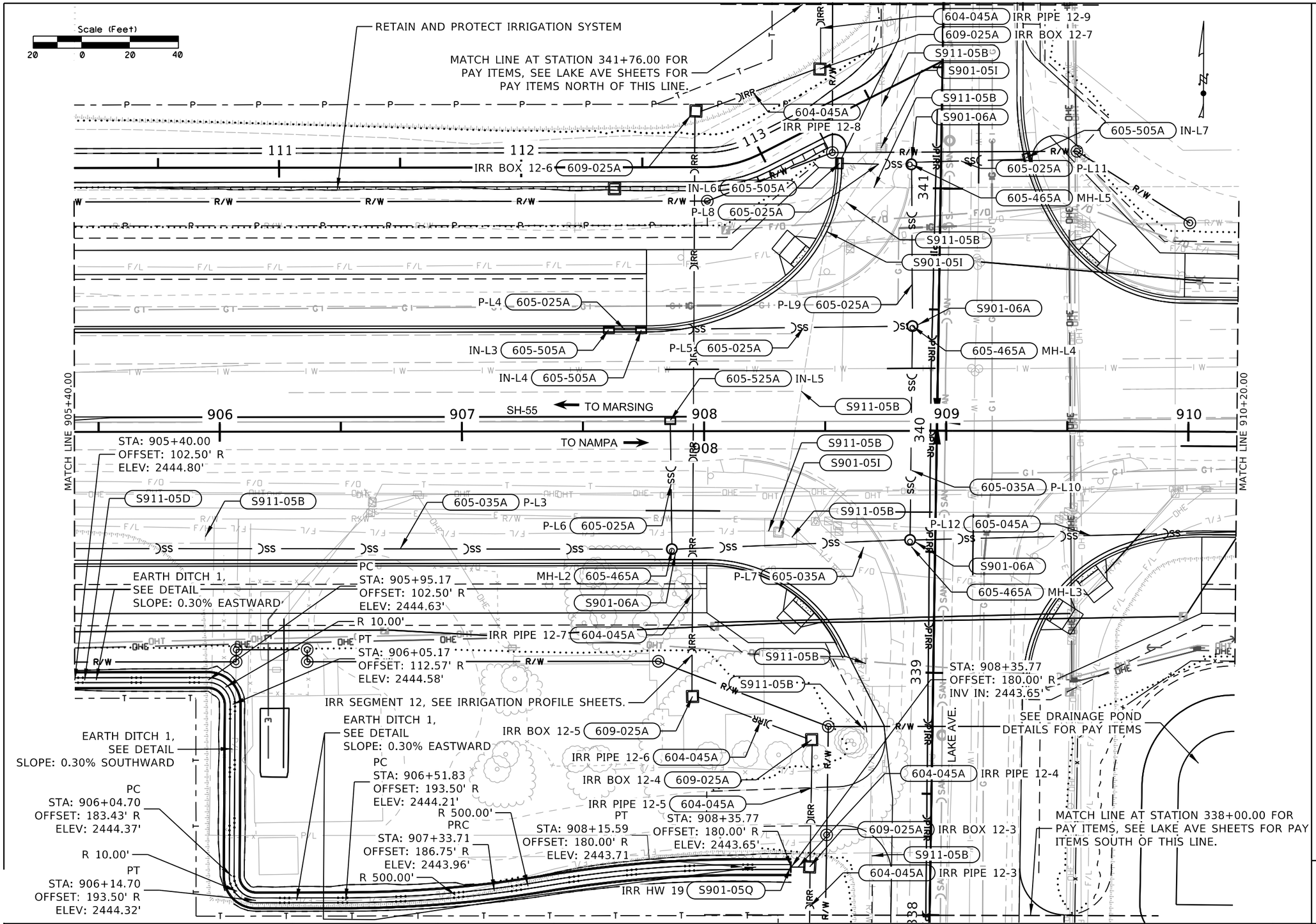
Scale (Feet)
20 0 20 40

NOT APPROVED
FINAL DESIGN
FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
DESIGN CHECKED WPR		
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 02.DGN	
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024	Horrocks.

PROJECT NO.	DRAINAGE/IRRIGATION PLANS	ENGLISH
A022(715)	SH-55, FARMWAY RD. TO MIDDLETON RD. STA. 900+60 TO STA. 905+40 FOR INFORMATION ONLY	COUNTY CANYON KEY NUMBER 22715 SHEET 446 OF 1145



604-045A 24" IRRIGATION PIPE
238.00 FT 907+94.87 (107.52' R)-
907+96.36 (130.21' L), IRR PIPE 12-7
49.00 FT 907+97.11 (109.66' R)-
908+42.26 (126.87' R), IRR PIPE 12-6
51.00 FT 907+98.79 (132.06' L)-
908+45.98 (149.36' L), IRR PIPE 12-8
6.00 FT 908+35.77 (180.03' R)-
908+41.39 (180.03' R), IRR PIPE 12-4
18.00 FT 908+43.36 (199.03' R)-
908+43.54 (181.94' R), IRR PIPE 12-3
49.00 FT 908+43.56 (177.93' R)-
908+44.47 (129.44' R), IRR PIPE 12-5
26.00 FT 908+48.28 (151.45' L)-
908+48.34 (176.95' L), IRR PIPE 12-9

605-025A 12" STORM SEWER PIPE
10.00 FT 907+62.49 (41.92' L)-
907+72.29 (41.92' L), P-L4
109.00 FT 907+75.79 (41.92' L)-
908+84.09 (43.29' L), PL-5
50.00 FT 907+86.05 (3.23' L)-
907+86.65 (46.69' R), PL-6
27.00 FT 908+57.09 (110.51' L)-
908+83.73 (109.99' L), PL-8
63.00 FT 908+85.84 (108.10' L)-
908+86.10 (45.28' L), PL-9
45.00 FT 908+87.54 (110.96' L)-
909+32.24 (112.15' L), PL-11

605-035A 18" STORM SEWER PIPE
245.00 FT 905+40.00 (48.15' R)-
907+84.64 (48.68' R), PL-3
95.00 FT 907+88.64 (48.70' R)-
908+83.00 (44.99' R), PL-7
85.00 FT 908+85.01 (43.00' R)-
908+86.08 (41.28' L), P-L10

605-045A 24" STORM SEWER PIPE
133.00 FT 908+87.00 (45.01' R)-
910+20.00 (41.27' R), P-L12

605-465A MANHOLE TYPE C
1.00 EA 907+86.64 (48.69' R), MH-L2
1.00 EA 908+85.00 (45.00' R), MH-L3
1.00 EA 908+85.73 (110.10' L), MH-L5
1.00 EA 908+86.09 (43.28' L), MH-L4

605-505A CATCH BASIN TYPE 1A
1.00 EA 907+60.74 (43.50' L), IN-L3
1.00 EA 907+74.04 (43.50' L), IN-L4
1.00 EA 908+54.46 (110.55' L), IN-L6
1.00 EA 909+34.76 (112.82' L), IN-L7

605-525A CATCH BASIN TYPE 3A
1.00 EA 907+86.05 (4.30' L), IN-L5

PAY ITEMS CONTINUED ON NEXT SHEET

NOTES:
1. SEE TYPICAL SECTION FOR ROADSIDE AND SWALE CONSTRUCTION. SWALE EXCAVATION WILL BE PAID FOR AS ROADWAY EXCAVATION (205-005A).
2. OFFSET AND STATIONING FOR CATCH BASIN TYPE 1A ARE TO THE TOP BACK OF CURB. IRRIGATION STRUCTURES, MANHOLES, AND CATCH BASIN TYPE 3A ARE TO THE CENTER OF THE STRUCTURE.
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4. DITCH INVERT PROFILES MUST FOLLOW A STRAIGHT LINE AT CONSTANT SLOPE SHOWN BETWEEN GRADE BREAKS INDICATED ON PLANS.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED WPR	
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 02.DGN
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024

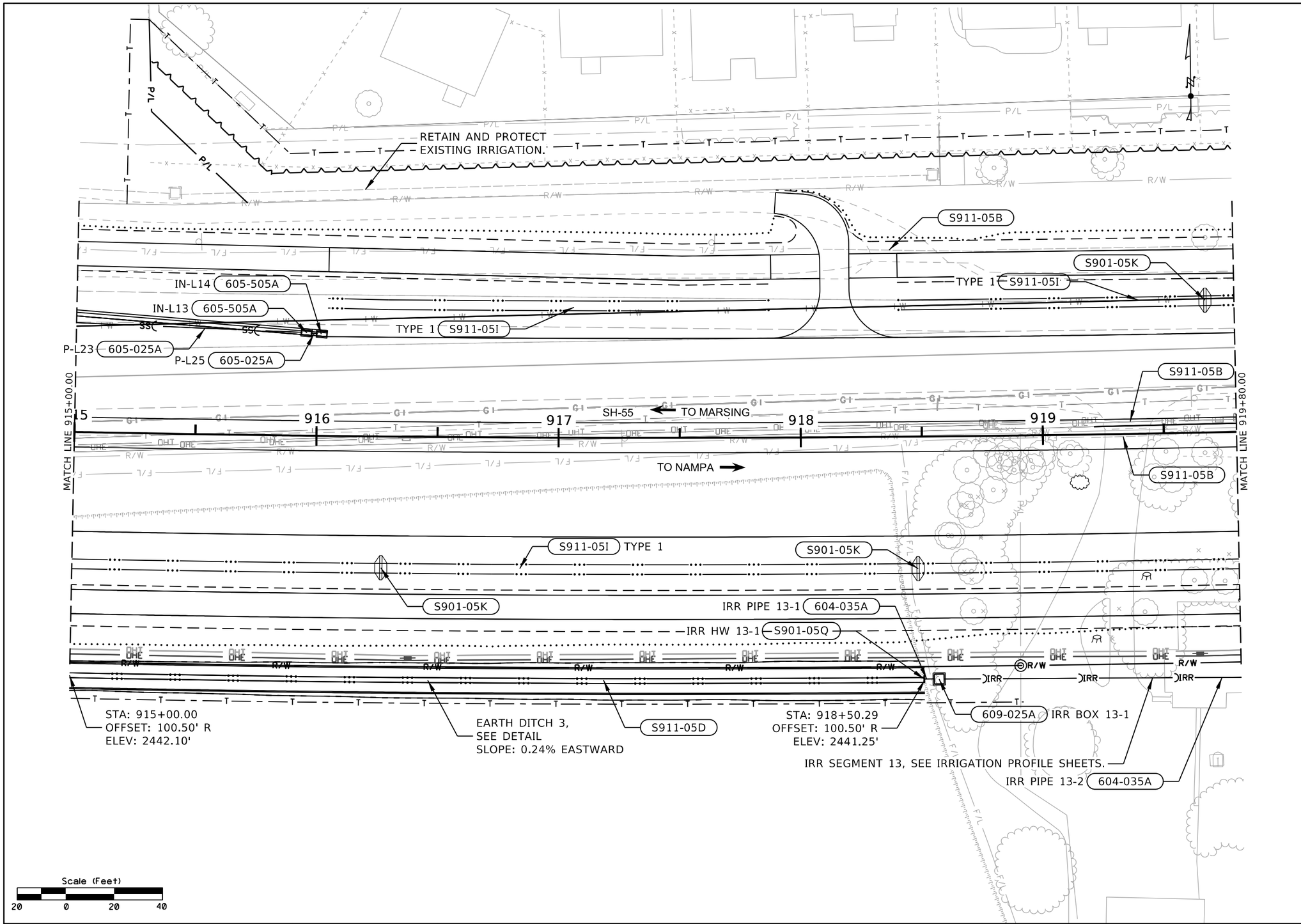
IDAHO TRANSPORTATION DEPARTMENT
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
Horrocks.

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 905+40 TO STA. 910+20
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 447 OF 1145

NOT APPROVED FOR CONSTRUCTION
FINAL DESIGN



604-035A 18" IRRIGATION PIPE
4.00 FT 918+50.29 (100.15' R)-
918+54.22 (100.11' R), IRR PIPE 13-1
123.00 FT 918+58.19 (100.18' R)-
919+80.00 (101.34' R), IRR PIPE 13-2

605-025A 12" STORM SEWER PIPE
94.00 FT 915+00.00 (45.12' L)-
915+93.65 (42.61' L), P-L23
3.00 FT 915+97.14 (42.36' L)-
915+99.96 (42.19' L), P-L25

605-505A CATCH BASIN TYPE 1A
1.00 EA 915+95.51 (44.07' L), IN-L13
1.00 EA 916+01.82 (43.65' L), IN-L14

609-025A MINOR STR (5' IRR BOX STRUCTURE)
1.00 EA 918+56.20 (100.17' R), IRR BOX 13-1

S901-05K SP DITCH BERM
1.00 EA 916+27.05 (54.19' R)
1.00 EA 918+48.05 (54.54' R)
1.00 EA 919+67.99 (54.68' L)

S901-05Q SP IRRIGATION DITCH PIPE CONNECTION
1.00 EA 918+50.29 (100.15' R), IRR HW 13-1

S911-05B SP REMOVAL OF PIPE
71.00 FT 918+09.60 (77.62' L)-
918+80.48 (76.11' L)
27.00 FT 919+19.97 (1.28' R)-
919+46.38 (0.87' R)
30.00 FT 919+22.25 (4.78' L)-
919+52.02 (5.35' L)

S911-05D SP DITCH (FIELD DRAIN)
354.00 FT 915+00.00 (100.50' R)-
918+50.29 (100.50' R)

S911-05I SP INFILTRATION TRENCH (TYPE 1)
483.00 FT 915+00.00 (54.44' R)-
919+80.00 (54.44' R)
184.00 FT 916+04.18 (54.64' L)-
917+88.02 (54.44' L)
139.00 FT 918+40.38 (54.44' L)-
919+80.00 (54.44' L)

NOTES:
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NOT APPROVED
FINAL DESIGN
FOR CONSTRUCTION

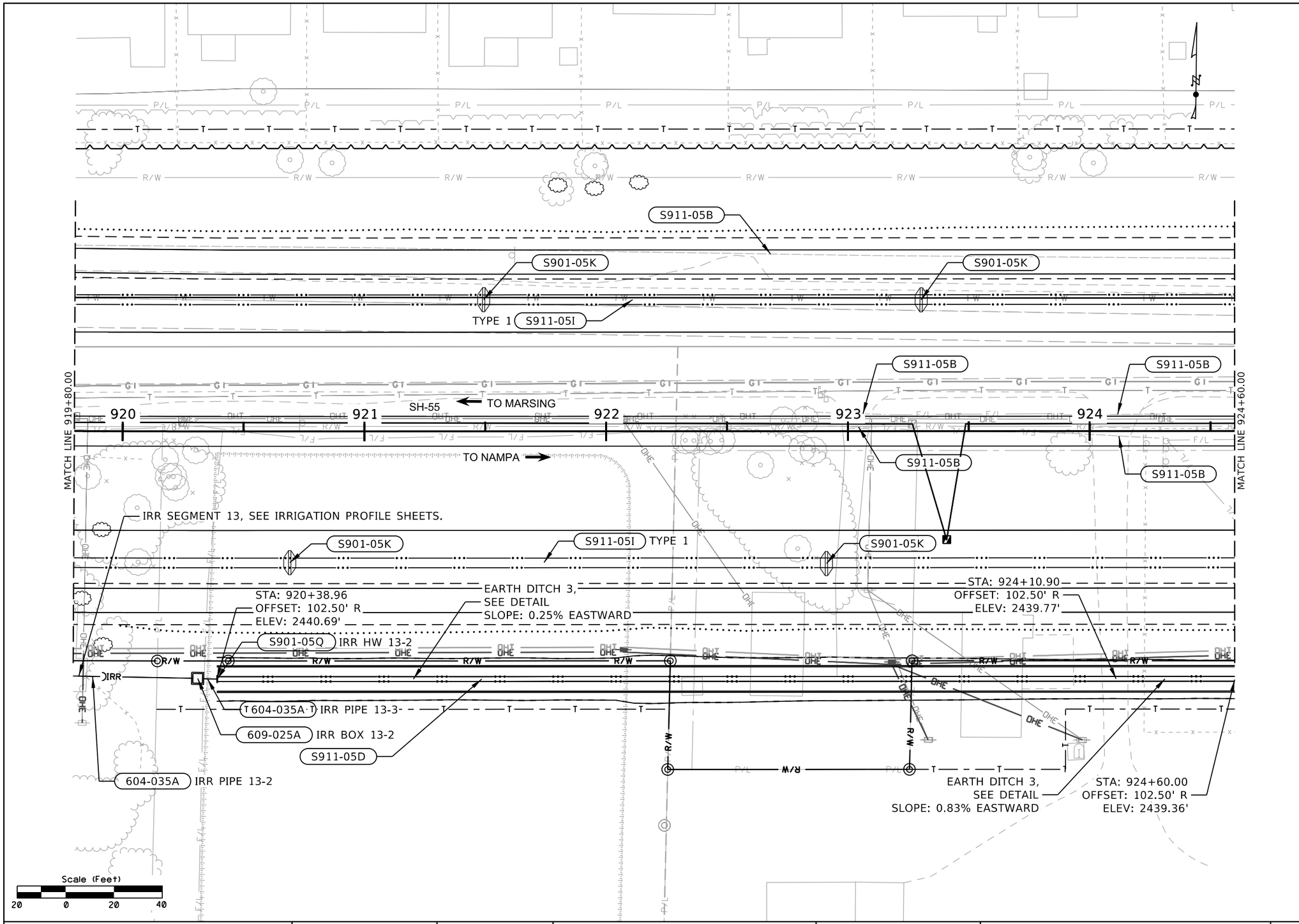
REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT
DESIGN CHECKED WPR		YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 02.DGN	Horrocks.
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024	

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 915+00 TO STA. 919+80
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 450 OF 1145



604-035A 18" IRRIGATION PIPE
50.00 FT 919+80.00 (101.34' R)-
920+29.11 (102.16' R), IRR PIPE 13-2
6.00 FT 920+33.08 (102.30' R)-
920+38.96 (102.50' R), IRR PIPE 13-3

609-025A MINOR STR (5' IRR BOX STRUCTURE)
1.00 EA 920+31.09 (102.19' R), IRR BOX 13-2

S901-05K SP DITCH BERM
1.00 EA 920+69.16 (54.29' R)
1.00 EA 921+49.33 (54.46' L)
1.00 EA 922+91.16 (54.74' R)
1.00 EA 923+30.33 (54.36' L)

S901-05Q SP IRRIGATION DITCH PIPE CONNECTION
1.00 EA 920+38.96 (102.50' R), IRR HW 13-2

S911-05B SP REMOVAL OF PIPE
480.00 FT 919+80.00 (76.90' L)-
924+60.00 (71.46' L)
30.00 FT 922+85.93 (7.90' L)-
923+15.57 (6.87' L)
20.00 FT 922+91.85 (2.06' L)-
923+11.60 (1.54' L)
41.00 FT 923+88.32 (0.69' R)-
924+28.72 (2.93' R)
40.00 FT 923+89.05 (6.73' L)-
924+28.54 (7.03' L)

S911-05D SP DITCH (FIELD DRAIN)
422.00 FT 920+38.96 (102.50' R)-
924+60.00 (102.50' R)

S911-05I SP INFILTRATION TRENCH (TYPE 1)
480.00 FT 919+80.00 (54.44' L)-
924+60.00 (54.44' L)
481.00 FT 919+80.00 (54.44' R)-
924+60.00 (54.44' R)

NOTES:
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NOT APPROVED
FINAL DESIGN
FOR CONSTRUCTION

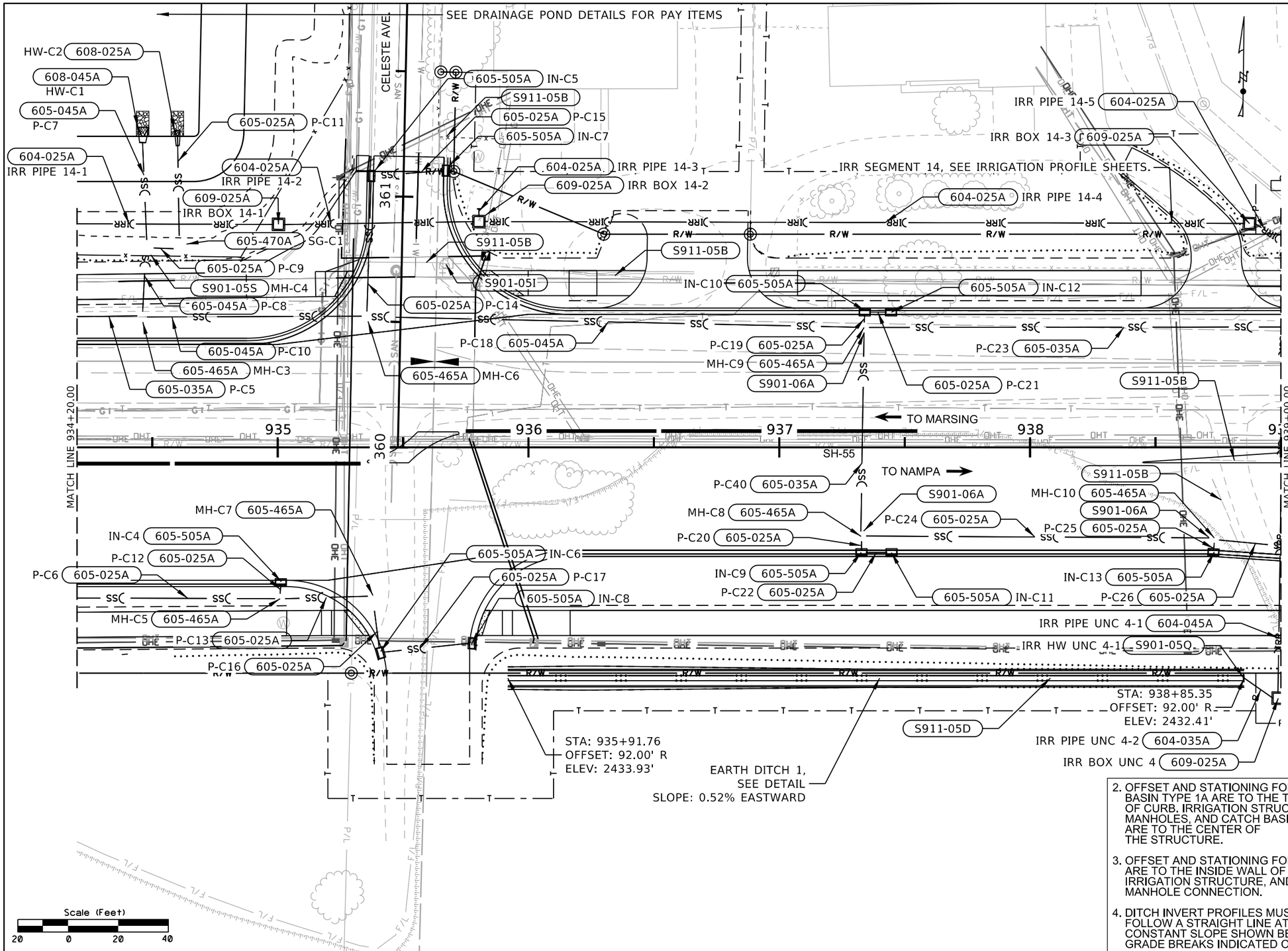
REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT
DESIGN CHECKED WPR	CADD FILE NAME 22715 HYDR 02.DGN	YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
DETAILED JMJ/MJS/CLD	DRAWING DATE: March 05, 2024	Horrocks.
DRAWING CHECKED WPR		

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 919+80 TO STA. 924+60
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 451 OF 1145



604-025A 12" IRRIGATION PIPE

79.00 FT	934+20.00 (89.14' L)- 934+98.30 (88.88' L), IRR PIPE 14-1
76.00 FT	935+02.30 (88.84' L)- 935+78.24 (90.00' L), IRR PIPE 14-2
3.00 FT	935+80.17 (94.98' L)- 935+80.27 (92.00' L), IRR PIPE 14-3
304.00 FT	935+82.24 (90.02' L)- 938+85.49 (89.27' L), IRR PIPE 14-4
13.00 FT	938+89.49 (89.31' L)- 939+00.00 (82.70' L), IRR PIPE 14-5

604-035A 18" IRRIGATION PIPE

15.00 FT	938+85.35 (91.98' R)- 938+96.93 (100.08' R) IRR PIPE UNC 4-2

604-045A 24" IRRIGATION PIPE

78.00 FT	938+98.85 (98.00' R)- 939+00.00 (20.99' R) IRR PIPE UNC 4-1

605-025A 12" STORM SEWER PIPE

79.00 FT	934+20.00 (60.07' R)- 934+98.94 (60.36' R), P-C6
8.00 FT	934+50.52 (79.49' L)- 934+58.48 (79.23' L), P-C9
41.00 FT	934+60.04 (124.33' L)- 934+60.72 (84.32' L), P-C11
4.00 FT	935+00.93 (58.35' R)- 935+01.22 (54.96' R), P-C12
33.00 FT	935+02.94 (60.35' R)- 935+35.88 (59.35' R), P-C13
53.00 FT	935+35.56 (54.18' L)- 935+37.21 (106.47' L), P-C14
20.00 FT	935+38.07 (61.15' R)- 935+40.52 (80.28' R), P-C16
28.00 FT	935+38.29 (108.20' L)- 935+66.09 (110.35' L), P-C15
35.00 FT	935+41.99 (81.68' R)- 935+76.48 (78.09' R), P-C17
4.00 FT	937+32.77 (37.47' R)- 937+32.78 (40.88' R), P-C20
4.00 FT	937+33.83 (49.83' L)- 937+34.06 (52.88' L), P-C19
9.00 FT	937+34.53 (41.92' R)- 937+43.00 (41.92' R), P-C22
137.00 FT	937+34.65 (35.36' R)- 938+71.45 (36.11' R), P-C24
7.00 FT	937+35.83 (53.89' L)- 937+42.79 (53.94' L), P-C21
3.00 FT	938+73.19 (40.88' R)- 938+73.43 (38.14' R), P-C25
25.00 FT	938+75.29 (36.93' R)- 939+00.00 (39.31' R), P-C26

605-035A 18" STORM SEWER PIPE

24.00 FT	934+20.00 (52.17' L)- 934+43.97 (52.40' L), P-C5
80.00 FT	937+32.54 (33.48' R)- 937+33.77 (45.83' L), P-C40
165.00 FT	937+35.80 (47.80' L)- 939+00.00 (47.98' L), P-C23

605-045A 24" STORM SEWER PIPE

39.00 FT	934+46.10 (121.62' L)- 934+47.75 (82.71' L), P-C7
23.00 FT	934+46.18 (54.17' L)- 934+47.31 (76.72' L), P-C8
86.00 FT	934+47.95 (51.97' L)- 935+33.44 (52.31' L), P-C10
195.00 FT	935+37.43 (52.06' L)- 937+31.80 (47.85' L), P-C18

PAY ITEMS CONTINUED ON NEXT SHEET

NOTES:

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NOT APPROVED
FINAL DESIGN
FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

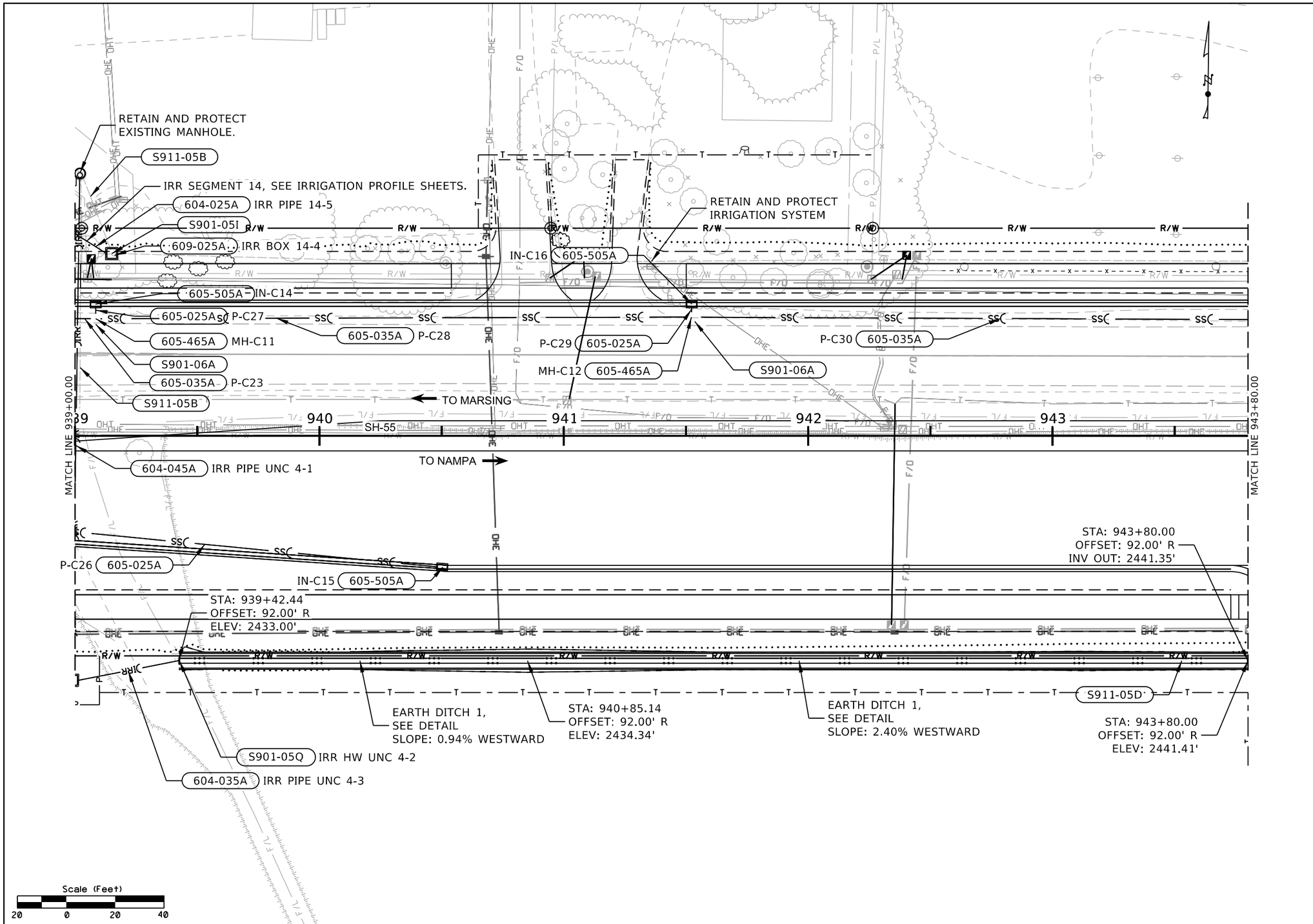
DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity Horrocks.	PROJECT NO. A022(715)
DESIGN CHECKED WPR			
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 02.DGN		
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024		

DRAINAGE/IRRIGATION PLANS

SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 934+20 TO STA. 939+00
FOR INFORMATION ONLY

ENGLISH

COUNTY CANYON
KEY NUMBER 22715
SHEET 454 OF 1145



604-025A 16.00 FT	**12" IRRIGATION PIPE** 939+00.00 (82.70' L)- 939+12.96 (74.55' L), IRR PIPE 14-5
604-035A 43.00 FT	**18" IRRIGATION PIPE** 939+00.93 (100.12' R)- 939+42.46 (91.97' R) IRR PIPE UNC 4-3
604-045A 127.00 FT	**24" IRRIGATION PIPE** 939+00.00 (20.99' R)- 939+01.89 (105.35' L) IRR PIPE UNC 4-1
605-025A 150.00 FT	**12" STORM SEWER PIPE** 939+00.00 (39.31' R)- 940+48.49 (53.60' R), P-C26
3.00 FT	939+08.42 (52.88' L)- 939+08.43 (49.96' L), P-C27
3.00 FT	941+52.26 (50.59' L)- 941+52.31 (52.89' L), P-C29
605-035A 7.00 FT	**18" STORM SEWER PIPE** 939+00.00 (47.98' L)- 939+06.41 (47.99' L), P-C23
240.00 FT	939+10.41 (47.93' L)- 941+50.24 (48.62' L), P-C28
226.00 FT	941+54.24 (48.56' L)- 943+80.00 (47.59' L), P-C30
605-465A 1.00 EA	**MANHOLE TYPE C** 939+08.41 (47.96' L), MH-C11
1.00 EA	941+52.24 (48.59' L), MH-C12
605-505A 1.00 EA	**CATCH BASIN TYPE 1A** 939+08.38 (55.50' L), IN-C14
1.00 EA	940+50.12 (55.31' R), IN-C15
1.00 EA	941+52.31 (55.51' L), IN-C16
609-025A 1.00 EA	**MINOR STR (5' IRR BOX STRUCTURE)** 939+14.96 (74.59' L), IRR BOX 14-4
S901-05I 1.00 EA	**SP REMOVAL OF IRRIGATION STRUCTURE** 939+14.50 (75.00' L)
S901-05Q 1.00 EA	**SP IRRIGATION DITCH PIPE CONNECTION** 939+42.62 (92.00' R) IRR HW UNC 4-2
S901-06A 1.00 EA	**SP HEAVY DUTY MANHOLE LID** 939+08.41 (47.96' L), MH-C11
1.00 EA	941+52.24 (48.59' L), MH-C12
S911-05B 98.00 FT	**SP REMOVAL OF PIPE** 939+01.91 (8.15' L)- 939+02.43 (105.83' L)
34.00 FT	939+02.96 (106.57' L)- 939+14.92 (75.26' L)
S911-05D 456.00 FT	**SP DITCH (FIELD DRAIN)** 939+42.44 (92.00' R)- 943+80.00 (92.00' R)

NOTES

1. SEE TYPE 3A STANDARD FOR ROADSIDE AND SWALE CONSTRUCTION. SWALE EXCAVATION WILL BE PAID FOR AS ROADWAY EXCAVATION (205-005A).
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NOT APPROVED
FINAL DESIGN
FOR CONSTRUCTION

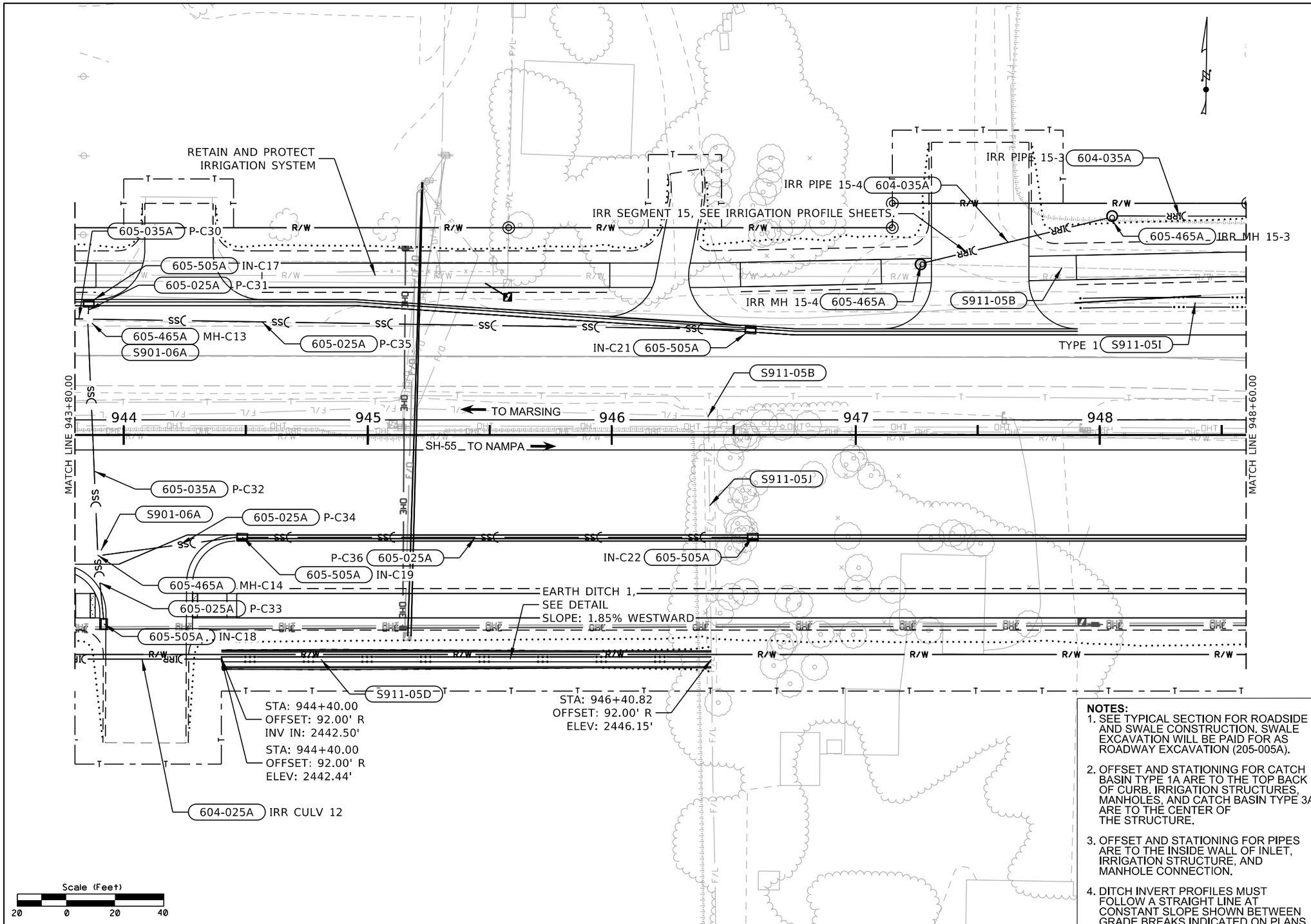
REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT
DESIGN CHECKED WPR		YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 02.DGN	Horrocks.
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024	

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 939+00 TO STA. 943+80
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 456 OF 1145



604-025A 12" IRRIGATION PIPE
60.00 FT 943+80.00 (91.90' R)-
944+40.00 (91.90' R), IRR CULV 12

604-035A 18" IRRIGATION PIPE
77.00 FT 947+28.47 (70.68' L)-
948+03.27 (88.94' L), IRR PIPE 15-4
53.00 FT 948+07.10 (89.81' L)-
948+60.00 (89.72' L), IRR PIPE 15-3

605-025A 12" STORM SEWER PIPE
4.00 FT 943+85.40 (49.52' L)-
943+85.63 (52.88' L), P-C31
268.00 FT 943+87.34 (47.46' L)-
946+55.15 (43.23' L), P-C35
25.00 FT 943+89.23 (51.23' R)-
943+90.79 (75.79' R), P-C33
57.00 FT 943+91.26 (49.26' R)-
944+46.77 (41.87' R), P-C34
206.00 FT 944+50.27 (41.97' R)-
946+56.08 (41.93' R), P-C36

605-035A 18" STORM SEWER PIPE
4.00 FT 943+80.00 (47.59' L)-
943+83.34 (47.58' L), P-C30
93.00 FT 943+85.28 (45.52' L)-
943+89.28 (47.23' R), P-C32

605-465A MANHOLE TYPE C
1.00 EA 943+85.34 (47.52' L), MH-C13
1.00 EA 943+89.26 (49.23' R), MH-C14
1.00 EA 947+26.61 (69.93' L), IRR MH 15-4
1.00 EA 948+05.10 (89.75' L), IRR MH 15-3

S901-06A SP HEAVY DUTY MANHOLE LID
1.00 EA 943+85.34 (47.52' L), MH-C13
1.00 EA 943+89.26 (49.23' R), MH-C14

605-505A CATCH BASIN TYPE 1A
1.00 EA 943+85.64 (55.51' L), IN-C17
1.00 EA 943+90.16 (77.51' R), IN-C18
1.00 EA 944+48.48 (43.50' R), IN-C19
1.00 EA 946+57.00 (44.70' L), IN-C21
1.00 EA 946+57.84 (43.50' R), IN-C22

S911-05B SP REMOVAL OF PIPE
481.00 FT 943+80.00 (71.50' L)-
948+60.00 (66.82' L)
3.00 FT 946+39.69 (2.52' L)-
946+39.78 (5.41' L)

S911-05D SP DITCH (FIELD DRAIN)
201.00 FT 944+40.00 (92.00' R)-
946+40.82 (92.00' R)

S911-05I SP INFILTRATION TRENCH (TYPE 1)
70.00 FT 947+90.73 (54.00' L)-
948+60.00 (54.44' L)

S911-05J SP REMOVAL OF CONCRETE DITCH
93.00 FT 946+39.69 (2.52' L)-
946+40.79 (90.00' R)

NOTES:
1. SEE TYPICAL SECTION FOR ROADSIDE AND SWALE CONSTRUCTION. SWALE EXCAVATION WILL BE PAID FOR AS ROADWAY EXCAVATION (205-005A).
2. OFFSET AND STATIONING FOR CATCH BASIN TYPE 1A ARE TO THE TOP BACK OF CURB. IRRIGATION STRUCTURES, MANHOLES, AND CATCH BASIN TYPE 3A ARE TO THE CENTER OF THE STRUCTURE.
3. OFFSET AND STATIONING FOR PIPES ARE TO THE INSIDE WALL OF INLET, IRRIGATION STRUCTURE, AND MANHOLE CONNECTION.
4. DITCH INVERT PROFILES MUST FOLLOW A STRAIGHT LINE AT CONSTANT SLOPE SHOWN BETWEEN GRADE BREAKS INDICATED ON PLANS.

NOT APPROVED
FINAL DESIGN FOR CONSTRUCTION

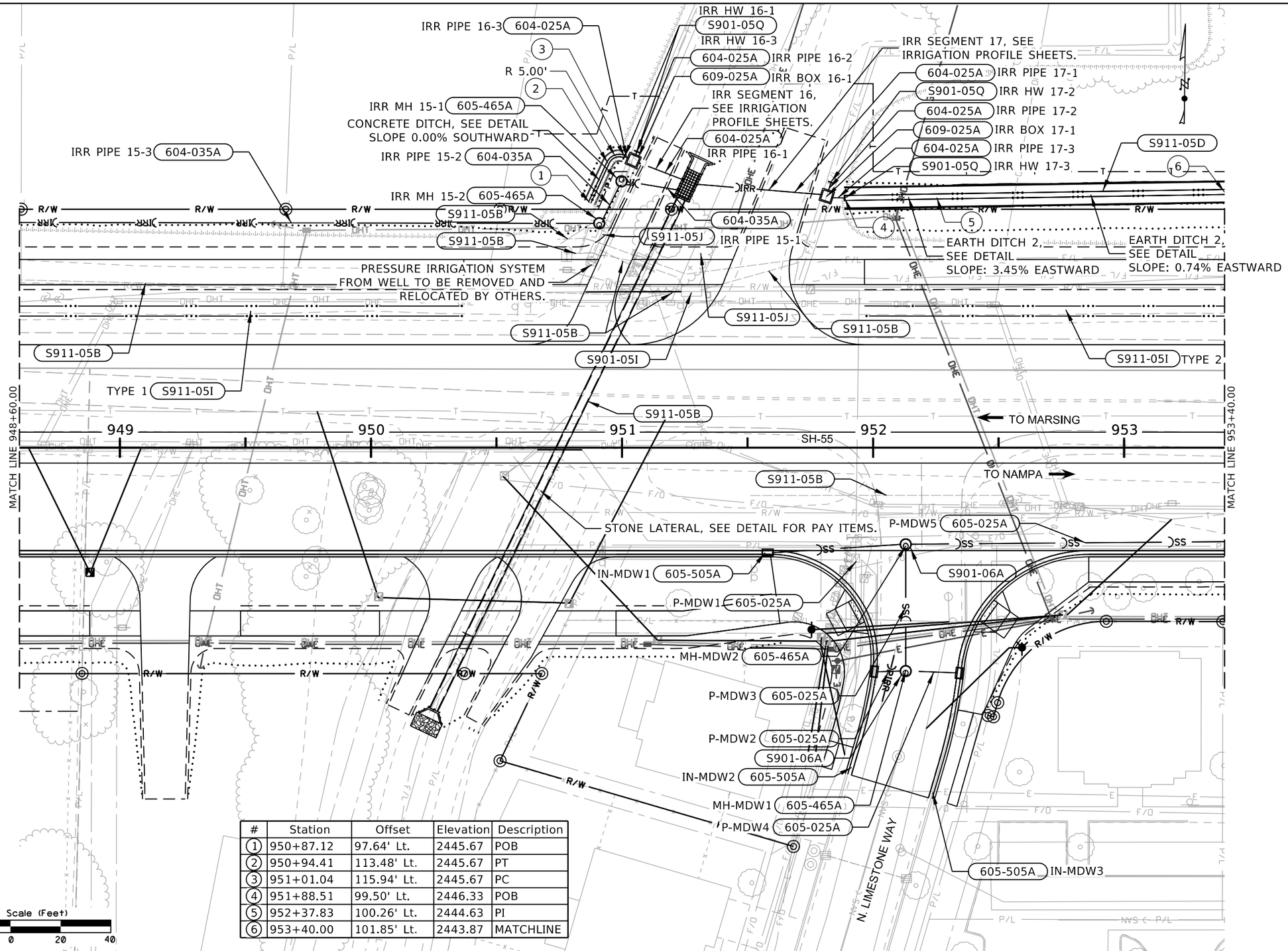
REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
DESIGN CHECKED WPR		
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 02.DGN	
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024	Horrocks.

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 943+80 TO STA. 948+60
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 457 OF 1145



#	Station	Offset	Elevation	Description
1	950+87.12	97.64' Lt.	2445.67	POB
2	950+94.41	113.48' Lt.	2445.67	PT
3	951+01.04	115.94' Lt.	2445.67	PC
4	951+88.51	99.50' Lt.	2446.33	POB
5	952+37.83	100.26' Lt.	2444.63	PI
6	953+40.00	101.85' Lt.	2443.87	MATCHLINE

604-025A 12" IRRIGATION PIPE
2.00 FT 951+01.04 (115.94' L)-
951+02.60 (115.22' L), IRR PIPE 16-3
2.00 FT 951+05.26 (116.27' L)-
951+05.97 (117.82' L), IRR PIPE 16-2
20.00 FT 951+06.29 (113.68' L)-
951+24.54 (106.65' L), IRR PIPE 16-1
51.00 FT 951+29.28 (104.98' L)-
951+79.67 (100.82' L), IRR PIPE 17-1
4.00 FT 951+82.13 (102.14' L)-
951+83.25 (105.56' L), IRR PIPE 17-2
6.00 FT 951+83.48 (99.61' L)-
951+88.52 (99.51' L), IRR PIPE 17-3

604-035A 18" IRRIGATION PIPE
229.00 FT 948+60.00 (89.72' L)-
950+88.92 (89.35' L), IRR PIPE 15-3
16.00 FT 950+92.31 (90.83' L)-
950+98.94 (104.32' L), IRR PIPE 15-2
22.00 FT 951+01.79 (106.03' L)-
951+22.63 (102.60' L), IRR PIPE 15-1

605-025A 12" STORM SEWER PIPE
52.00 FT 951+59.76 (41.90' R)-
952+11.00 (38.52' R), P-MDW1
10.00 FT 952+01.44 (89.32' R)-
952+11.00 (88.99' R), P-MDW2
47.00 FT 952+13.01 (87.00' R)-
952+13.02 (40.50' R), P-MDW3
19.00 FT 952+15.00 (89.01' R)-
952+33.39 (89.71' R), P-MDW4
126.00 FT 952+15.00 (38.48' R)-
953+40.00 (37.44' R), P-MDW5

605-465A MANHOLE TYPE C
1.00 EA 948+79.34 (101.76' L), IRR MH 15-1
1.00 EA 950+56.69 (103.34' L), IRR MH 15-2
1.00 EA 951+18.21 (147.67' L), IRR MH 15-3
1.00 EA 952+13.00 (89.00' R), MH-MDW1
1.00 EA 952+13.00 (38.50' R), MH-MDW2

605-505A CATCH BASIN TYPE 1A
1.00 EA 951+58.00 (43.48' R), IN-MDW1
1.00 EA 951+98.83 (89.00' R), IN-MDW2
1.00 EA 952+36.00 (90.00' R), IN-MDW3

609-025A MINOR STR (5' IRR BOX STRUCTURE)
1.00 EA 951+22.03 (155.04' L), IRR BOX 16-1
1.00 EA 951+89.25 (124.05' L), IRR BOX 17-1

S901-05I SP REMOVAL OF IRRIGATION STRUCTURE
1.00 EA 951+27.68 (62.40' L)

PAY ITEMS CONTINUED ON NEXT SHEET

NOTES:
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NOT APPROVED
FINAL DESIGN FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR
DESIGN CHECKED WPR
DETAILED JMJ/MJS/CLD
DRAWING CHECKED WPR

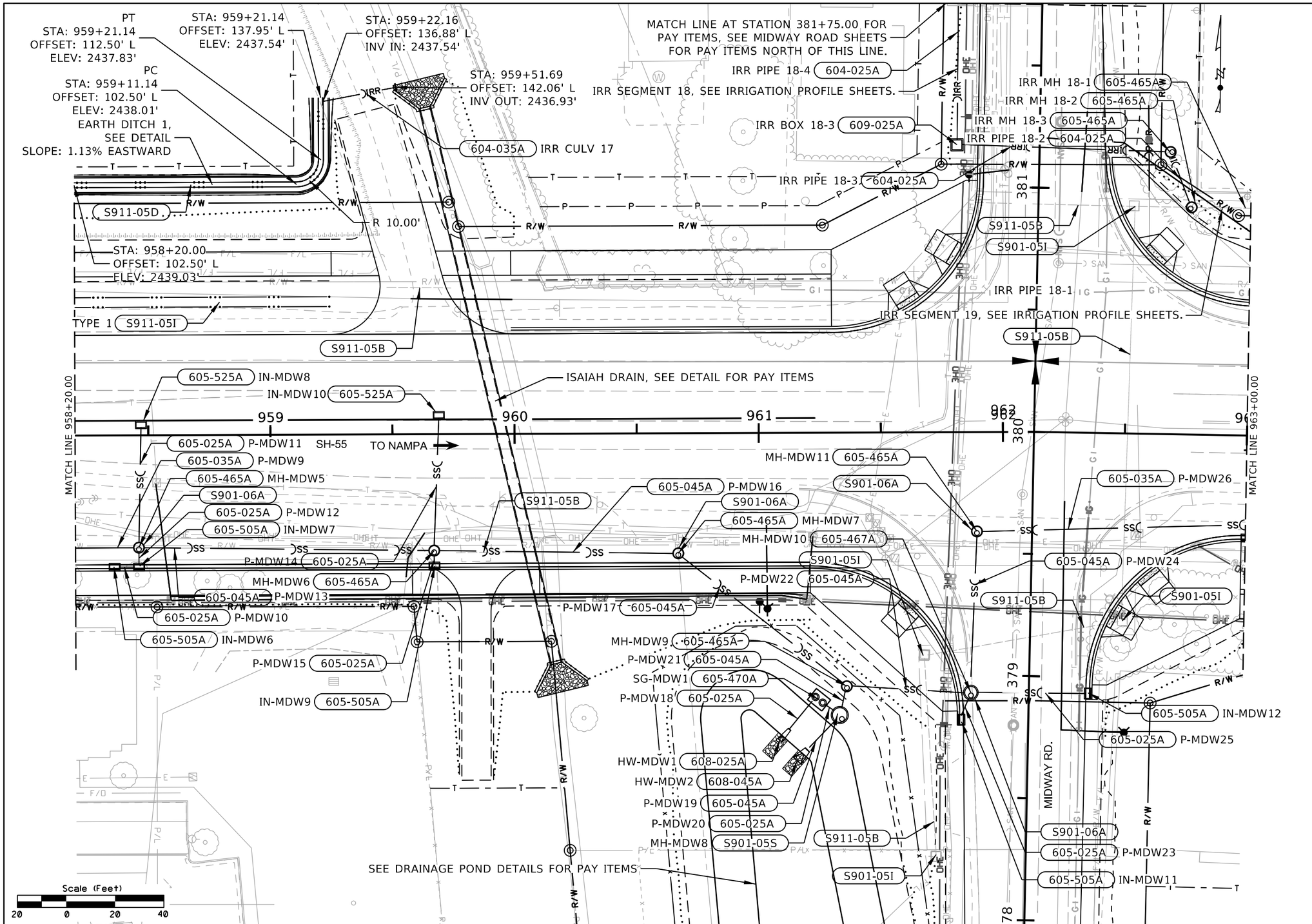
SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 22715 HYDR 02.DGN
DRAWING DATE: March 05, 2024

IDAHO TRANSPORTATION DEPARTMENT
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
Horrocks.

PROJECT NO. A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 948+60 TO STA. 953+40
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 458 OF 1145



604-025A 12" IRRIGATION PIPE

59.00 FT	961+81.72 (119.71' L)- 961+82.48 (178.13' L), IRR PIPE 18-4
84.00 FT	961+83.65 (117.81' L)- 962+64.74 (115.59' L), IRR PIPE 18-3
21.00 FT	962+67.48 (113.71' L)- 962+74.86 (94.86' L), IRR PIPE 18-2

604-035A 18" IRRIGATION PIPE

31.00 FT	959+22.14 (136.42' L)- 959+51.69 (142.06' L), IRR CULV 17

605-025A 12" STORM SEWER PIPE

7.00 FT	958+37.76 (53.92' R)- 958+44.24 (53.92' R), P-MDW10
5.00 FT	958+45.97 (48.00' R)- 958+45.99 (52.88' R), P-MDW12
48.00 FT	958+46.03 (44.00' R)- 958+47.00 (3.21' L), P-MDW11
4.00 FT	959+66.88 (49.66' R)- 959+66.99 (52.88' R), P-MDW15
53.00 FT	959+66.93 (45.66' R)- 959+69.00 (6.64' L), P-MDW14
19.00 FT	961+09.51 (124.40' R)- 961+21.54 (109.83' R), P-MDW18
5.00 FT	961+26.88 (111.36' R)- 961+30.42 (113.74' R), P-MDW20
8.00 FT	961+82.45 (115.99' R)- 961+85.63 (108.98' R), P-MDW23
45.00 FT	961+88.98 (106.51' R)- 962+35.70 (106.74' R), P-MDW25

605-035A 18" STORM SEWER PIPE

25.00 FT	958+20.00 (46.04' R)- 958+44.00 (45.97' R), P-MDW9
109.00 FT	961+91.23 (40.68' R)- 963+00.00 (36.57' R), P-MDW26

605-045A 24" STORM SEWER PIPE

117.00 FT	958+48.00 (46.03' R)- 959+64.91 (47.63' R), P-MDW13
96.00 FT	959+68.91 (47.69' R)- 960+64.88 (49.19' R), P-MDW16
84.00 FT	960+68.32 (50.54' R)- 961+34.17 (102.56' R), P-MDW17
17.00 FT	961+19.25 (129.81' R)- 961+30.87 (117.96' R), P-MDW19
8.00 FT	961+33.60 (112.74' R)- 961+35.09 (105.76' R), P-MDW21
47.00 FT	961+37.69 (103.69' R)- 961+83.99 (106.74' R), P-MDW22
62.00 FT	961+86.37 (104.13' R)- 961+89.20 (42.65' R), P-MDW24

PAY ITEMS CONTINUED ON NEXT SHEET

NOTES:

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NOT APPROVED
FINAL DESIGN
FOR CONSTRUCTION

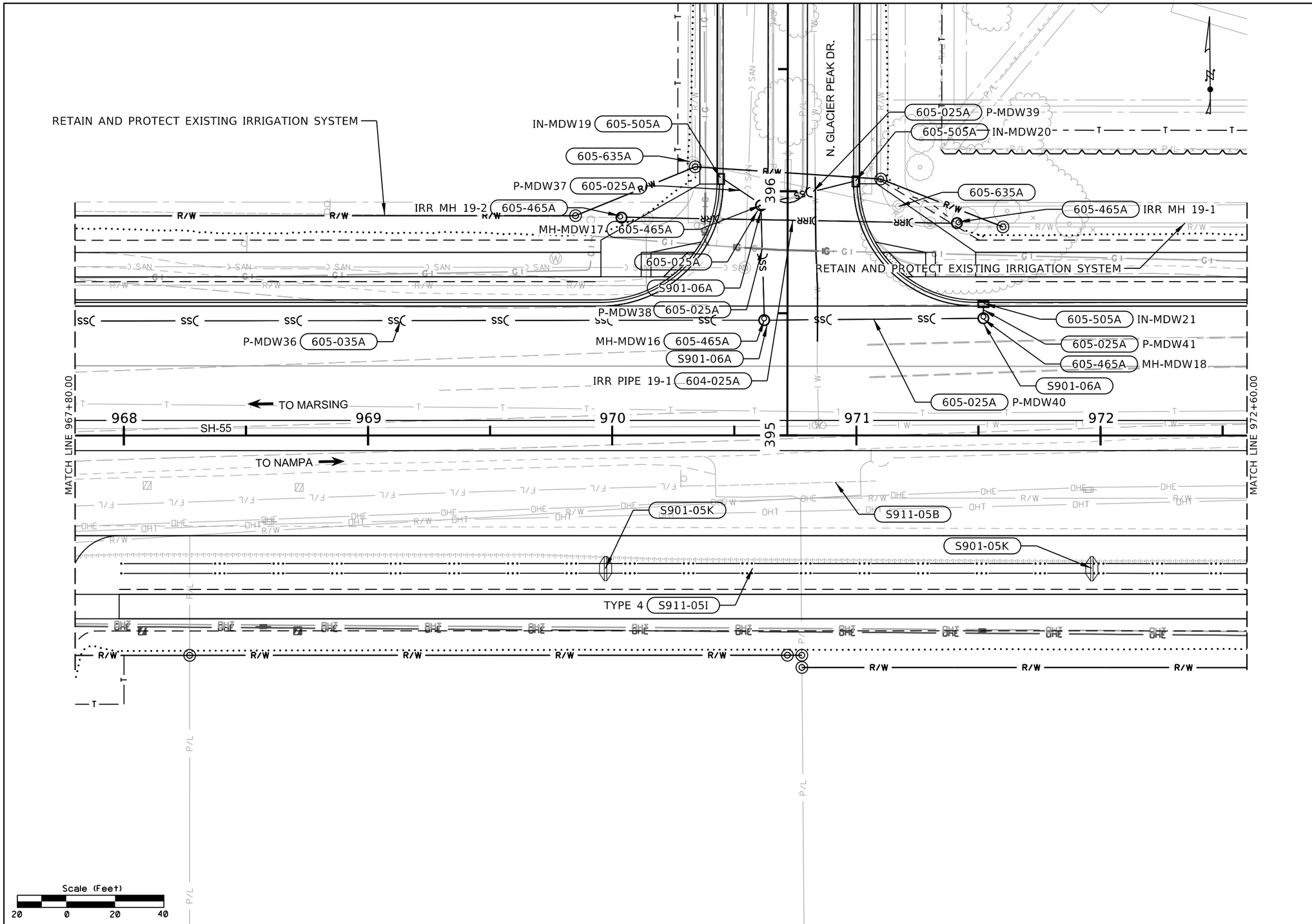
REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
DESIGN CHECKED WPR		
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 03.DGN	Horrocks.
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024	

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 958+20 TO STA. 963+00
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 461 OF 1145



604-025A **12" IRRIGATION PIPE**
134.00 FT 970+05.79 (89.38' L)-
971+39.15 (86.90' L), IRR PIPE 19-1

604-035A **18" IRRIGATION PIPE**
8.00 FT 967+80.00 (101.36' R)-
967+87.08 (102.03' R), IRR CULV 14

605-025A **12" STORM SEWER PIPE**
17.00 FT 970+45.51 (105.00' L)-
970+59.54 (95.59' L), P-MDW37
44.00 FT 970+60.99 (92.19' L)-
970+62.26 (49.20' L), P-MDW38
38.00 FT 970+62.81 (94.97' L)-
970+98.71 (104.00' L), P-MDW39
86.00 FT 970+64.26 (47.20' L)-
971+50.00 (47.99' L), P-MDW40
3.00 FT 971+51.99 (50.00' L)-
971+52.02 (52.88' L), P-MDW41

605-035A **18" STORM SEWER PIPE**
281.00 FT 967+80.00 (46.90' L)-
970+60.26 (47.21' L), P-MDW36

605-465A **MANHOLE TYPE C**
1.00 EA 970+60.97 (94.19' L), MH-MDW17
1.00 EA 970+62.26 (47.20' L), MH-MDW16
1.00 EA 971+41.15 (86.97' L), IRR MH 19-1

605-505A **CATCH BASIN TYPE 1A**
1.00 EA 970+42.89 (105.00' L), IN-MDW19
1.00 EA 971+01.33 (104.00' L), IN-MDW20
1.00 EA 971+52.00 (55.50' L), IN-MDW21

605-635A **ADJUST MANHOLE COVERS**
1.00 EA 970+32.97 (111.85' L)
1.00 EA 971+17.15 (93.75' L)

S901-05K **SP DITCH BERM**
1.00 EA 969+97.15 (54.51' R)
1.00 EA 971+96.42 (54.36' R)

S901-06A **SP HEAVY DUTY MANHOLE LID**
1.00 EA 970+03.80 (89.20' L), IRR MH 19-2
1.00 EA 970+60.97 (94.19' L), MH-MDW17
1.00 EA 970+62.26 (47.20' L), MH-MDW16
1.00 EA 971+41.15 (86.97' L), IRR MH 19-1
1.00 EA 971+52.00 (48.00' L), MH-MDW18

S911-05B **SP REMOVAL OF PIPE**
70.00 FT 970+38.40 (20.75' R)-
971+07.95 (18.65' R)

S911-05I **SP INFILTRATION TRENCH (TYPE 4)**
462.00 FT 967+98.00 (54.44' R)-
972+60.00 (54.44' R)

NOTES:

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NOT APPROVED FOR CONSTRUCTION
FINAL DESIGN

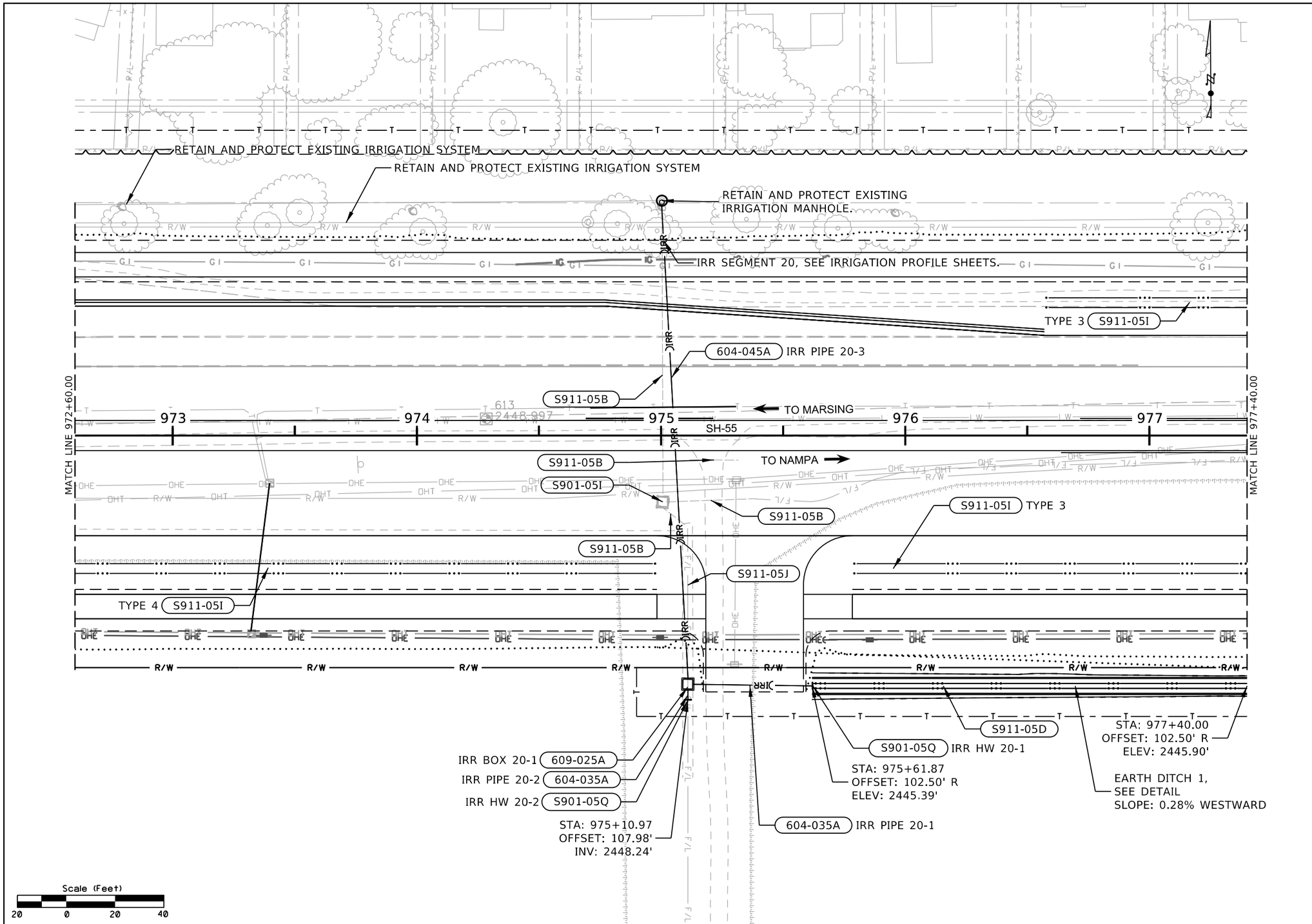
REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity Horrocks.
DESIGN CHECKED WPR		
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 03.DGN	
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024	

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 967+80 TO STA. 972+60
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 464 OF 1145



604-035A 18" IRRIGATION PIPE
5.00 FT 975+11.00 (107.98' R)-
975+11.01 (103.79' R), IRR PIPE 20-2
49.00 FT 975+12.97 (101.85' R)-
975+61.87 (102.50' R), IRR PIPE 20-1

604-045A 24" IRRIGATION PIPE
195.00 FT 975+00.28 (94.18' L)-
975+11.04 (99.79' R), IRR PIPE 20-3

609-025A MINOR STR (5' IRR BOX STRUCTURE)
1.00 EA 975+10.97 (101.79' R), IRR BOX 20-1

S901-05I SP REMOVAL OF IRRIGATION STRUCTURE
1.00 EA 975+00.60 (27.30' R)

S901-05Q SP IRR PIPE DITCH CONNECTION
1.00 EA 975+11.00 (108.14' R), IRR HW 20-2
1.00 EA 975+62.03 (102.51' R), IRR HW 20-1

S911-05B SP REMOVAL OF PIPE
15.00 FT 974+99.39 (28.47' R)-
975+10.43 (36.99' R)
121.00 FT 975+00.35 (95.28' L)-
975+00.81 (25.34' R)
37.00 FT 975+02.16 (27.17' R)-
975+38.66 (25.85' R)
21.00 FT 975+11.59 (9.87' R)-
975+31.73 (10.08' R)

S911-05D SP DITCH (FIELD DRAIN)
179.00 FT 975+61.87 (102.50' R)-
977+40.00 (102.50' R)

S911-05I SP INFILTRATION TRENCH (TYPE 3)
162.00 FT 975+78.34 (54.44' R)-
977+40.00 (54.44' R)
83.00 FT 976+57.00 (54.43' L)-
977+40.00 (54.43' L)

S911-05I SP INFILTRATION TRENCH (TYPE 4)
239.00 FT 972+60.00 (54.44' R)-
974+98.34 (54.44' R)

S911-05J SP REMOVAL OF CONCRETE DITCH
85.00 FT 975+10.91 (37.98' R)-
975+10.99 (122.25' R)

NOTES:
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NOT APPROVED
FINAL DESIGN
FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

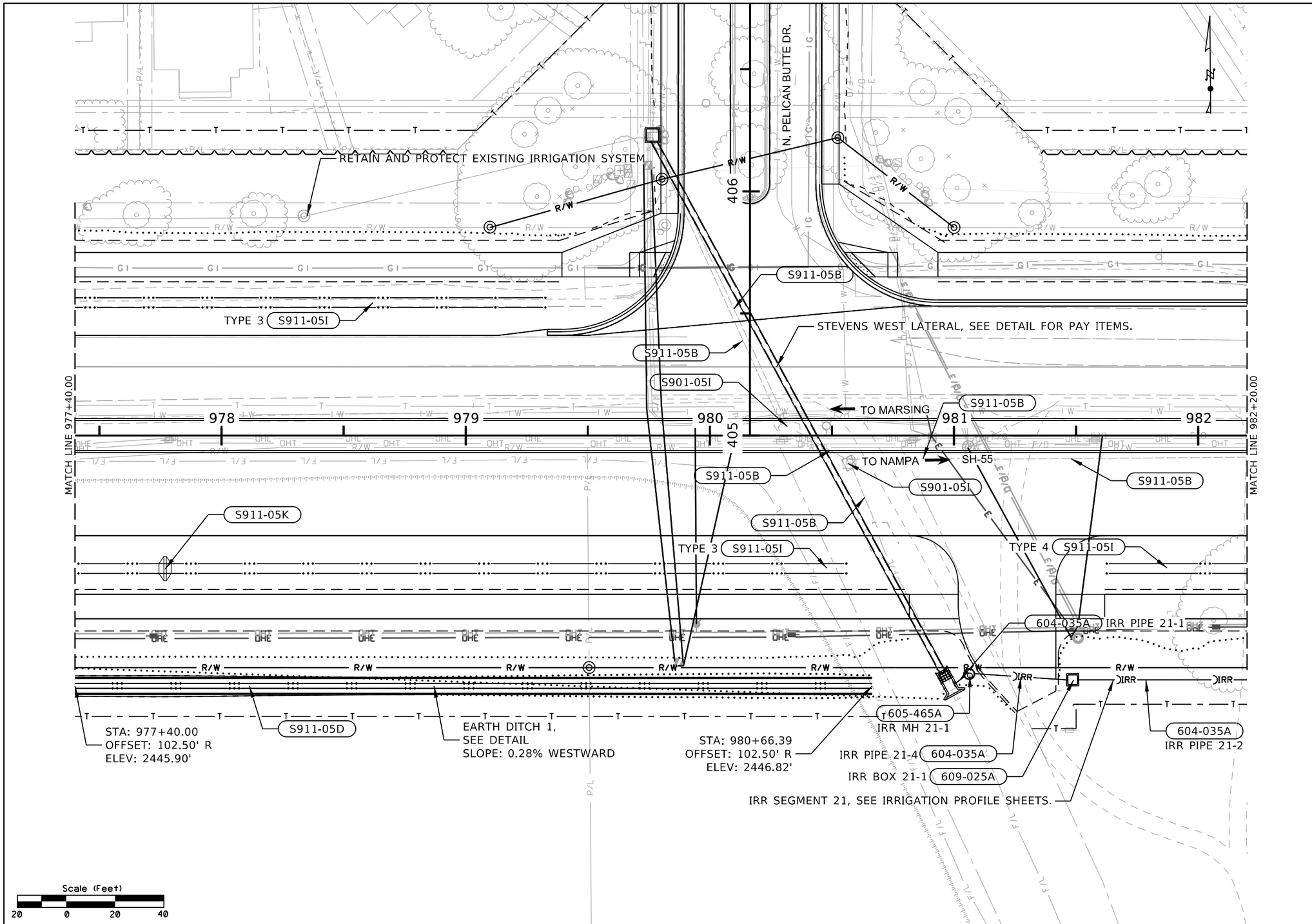
DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED WPR	
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 03.DGN
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024

IDAHO TRANSPORTATION DEPARTMENT
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
Horrocks.

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 972+60 TO STA. 977+40
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 465 OF 1145



604-035A 18" IRRIGATION PIPE
6.00 FT 981+00.21 (101.68' R)-
981+04.42 (98.59' R), IRR PIPE 21-1
39.00 FT 981+08.19 (97.48' R)-
981+46.59 (100.08' R), IRR PIPE 21-4
70.00 FT 981+50.59 (100.00' R)-
982+20.00 (100.00' R), IRR PIPE 21-2

605-465A MANHOLE TYPE C
1.00 EA 981+06.19 (97.66' R), IRR MH 21-1

609-025A MINOR STR (5' IRR BOX STRUCTURE)
1.00 EA 981+48.59 (100.00' R), IRR BOX 21-1

S901-05I SP REMOVAL OF IRRIGATION STRUCTURE
1.00 EA 980+30.78 (4.25' L)
1.00 EA 980+57.00 (11.25' R)

S901-05K SP DITCH BERM
1.00 EA 977+76.89 (54.68' R)

S911-05B SP REMOVAL OF PIPE
128.00 FT 979+76.44 (120.45' L)-
980+29.32 (4.32' L)
127.00 FT 979+77.99 (120.59' L)-
980+31.31 (5.47' L)
24.00 FT 980+35.36 (1.80' L)-
980+56.16 (9.93' R)
48.00 FT 980+57.92 (9.63' R)-
981+05.82 (9.36' R)
106.00 FT 981+14.99 (9.68' R)-
982+20.00 (8.85' R)
27.00 FT 980+58.24 (12.92' R)-
980+68.56 (37.76' R)

S911-05D SP DITCH (FIELD DRAIN)
327.00 FT 977+40.00 (102.50' R)-
980+66.39 (102.50' R)

S911-05I SP INFILTRATION TRENCH (TYPE 3)
194.00 FT 977+40.00 (54.44' L)-
979+33.43 (54.45' L)
317.00 FT 977+40.00 (54.44' R)-
980+56.70 (54.44' R)

S911-05I SP INFILTRATION TRENCH (TYPE 4)
59.00 FT 981+61.70 (54.44' R)-
982+20.00 (54.44' R)

NOTES:
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2. OFFSET AND STATIONING FOR CATCH BASIN TYPE 1A ARE TO THE TOP BACK OF CURB. IRRIGATION STRUCTURES, MANHOLES, AND CATCH BASIN TYPE 3A ARE TO THE CENTER OF THE STRUCTURE.
3. OFFSET AND STATIONING FOR PIPES ARE TO THE INSIDE WALL OF INLET, IRRIGATION STRUCTURE, AND MANHOLE CONNECTION.
4. DITCH INVERT PROFILES MUST FOLLOW A STRAIGHT LINE AT CONSTANT SLOPE SHOWN BETWEEN GRADE BREAKS INDICATED ON PLANS.

NOT APPROVED
FINAL DESIGN
FOR CONSTRUCTION

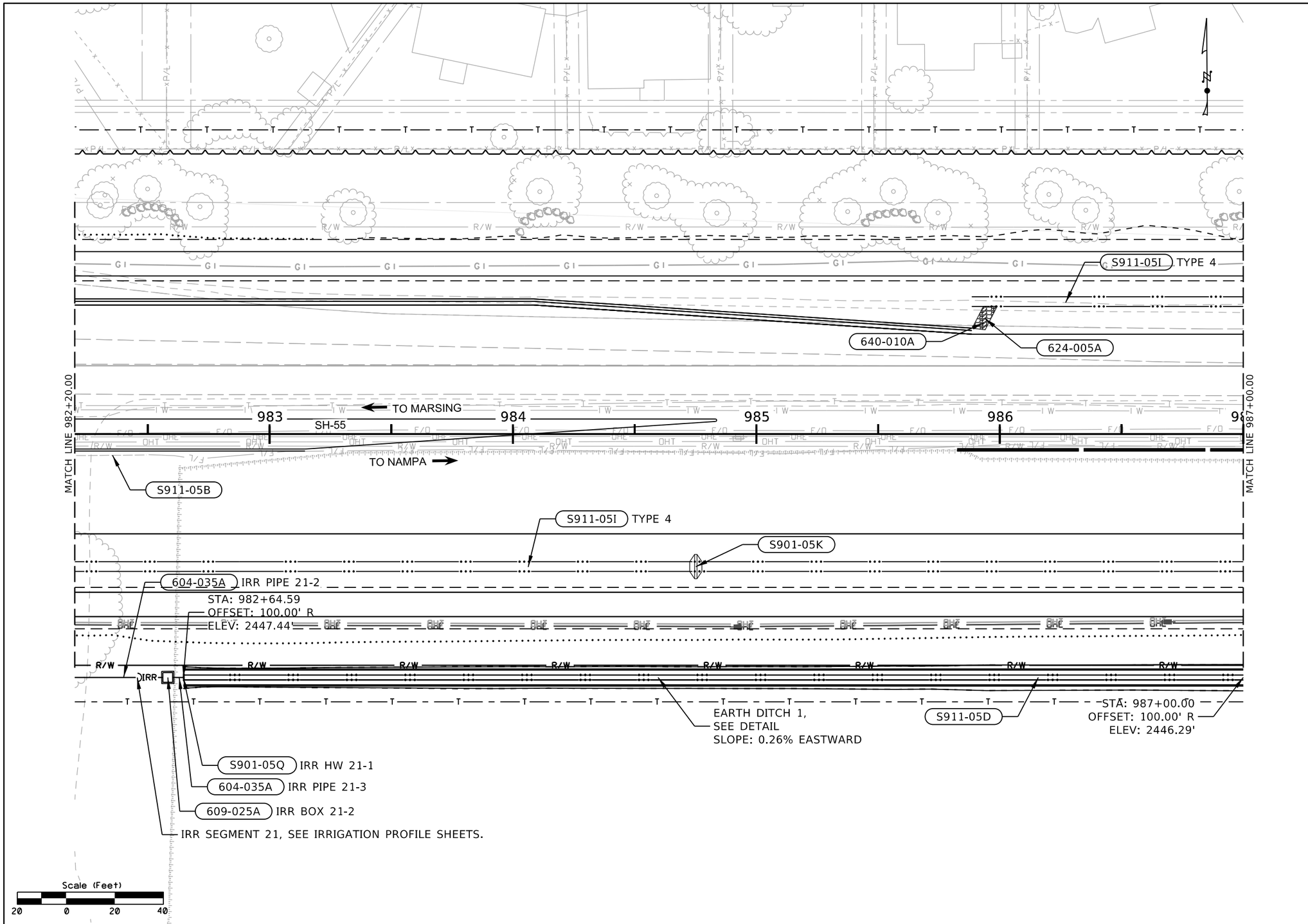
REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity Horrocks.
DESIGN CHECKED WPR		
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 03.DGN	
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024	

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 977+40 TO STA. 982+20
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 466 OF 1145



604-035A 18" IRRIGATION PIPE
37.00 FT 982+20.00 (100.00' R)-
982+56.19 (100.00' R), IRR PIPE 21-2
5.00 FT 982+60.19 (100.00' R)-
982+64.59 (100.00' R), IRR PIPE 21-3

609-025A MINOR STR (5' IRR BOX STRUCTURE)
1.00 EA 982+58.19 (100.00' R), IRR BOX 21-2

624-005A LOOSE RIPRAP (D50=9")
2.00 CY 985+93.81 (47.94' L)

640-010A RIPRAP/EROSION CONT. GEOTEXTILE
16.00 SY 985+93.81 (47.94' L)

S901-05Q SP IRR PIPE DITCH CONNECTION
1.00 EA 982+64.59 (100.00' R)

S911-05B SP REMOVAL OF PIPE
30.00 FT 982+20.00 (8.85' R)-
982+49.51 (8.61' R)

S911-05D SP DITCH (FIELD DRAIN)
436.00 FT 982+64.59 (100.00' R)-
987+00.00 (100.00' R)

S911-05I SP INFILTRATION TRENCH (TYPE 4)
480.00 FT 982+20.00 (54.44' R)-
987+00.00 (54.44' R)
112.00 FT 985+88.50 (54.54' L)-
987+00.00 (54.44' L)

NOTES:
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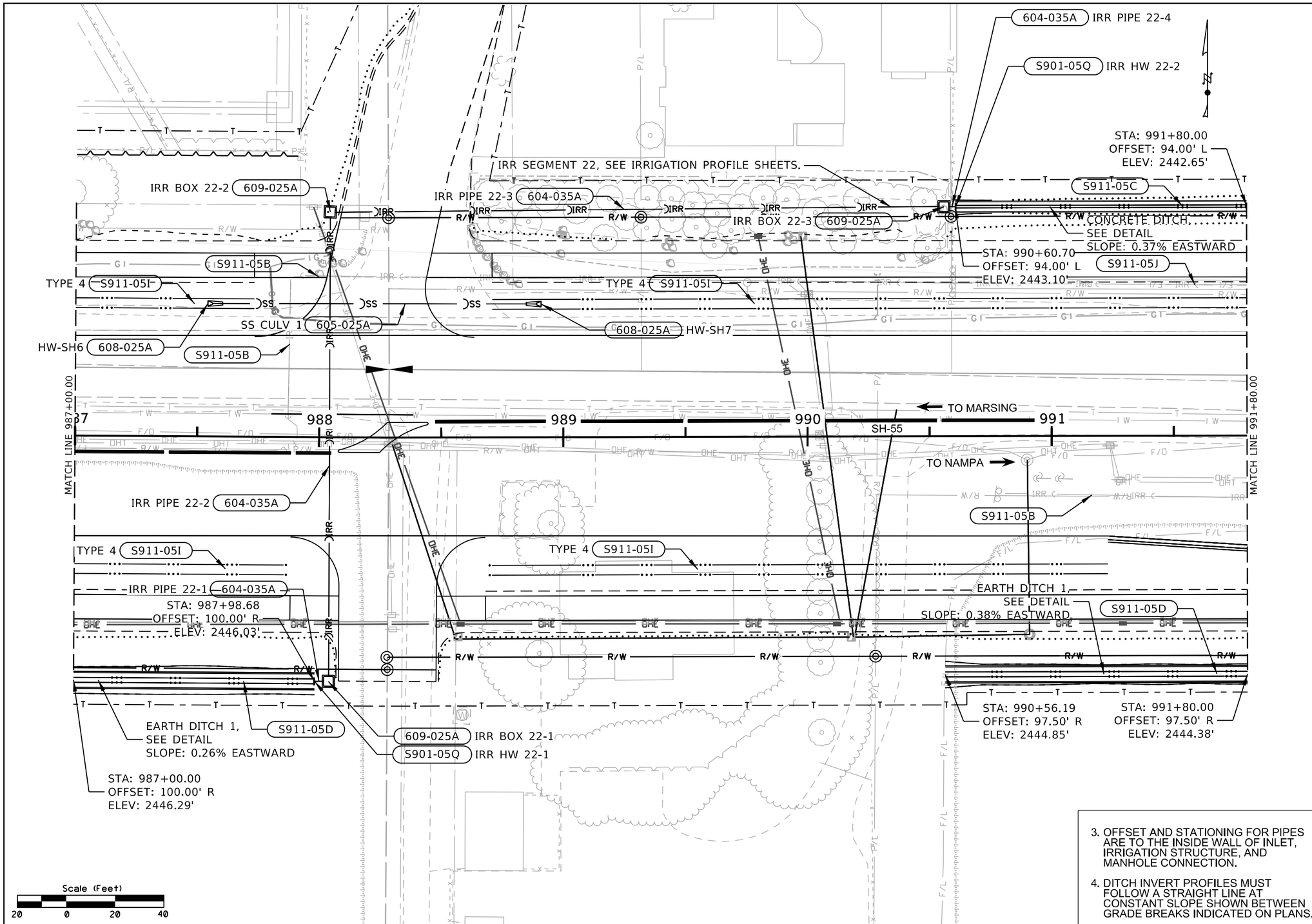
NOT APPROVED
FINAL DESIGN
FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity Horrocks.
DESIGN CHECKED WPR		
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 03.DGN	
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024	

PROJECT NO.	DRAINAGE/IRRIGATION PLANS	ENGLISH
A022(715)	SH-55, FARMWAY RD. TO MIDDLETON RD. STA. 982+20 TO STA. 987+00 FOR INFORMATION ONLY	COUNTY CANYON KEY NUMBER 22715 SHEET 467 OF 1145



605-025A 12" STORM SEWER PIPE
133.00 FT 987+56.07 (54.43' L)-
988+88.98 (54.56' L), SS CULV 1

604-035A 18" IRRIGATION PIPE
4.00 FT 987+98.69 (100.00' R)-
988+02.37 (100.00' R),
IRR-PIPE 22-1
189.00 FT 988+03.99 (90.25' L)-
988+04.48 (98.00' R), IRR PIPE 22-2
248.00 FT 988+05.95 (92.12' L)-
990+54.09 (94.10' L), IRR PIPE 22-3
3.00 FT 990+58.09 (94.01' L)-
990+60.70 (94.01' L), IRR PIPE 22-4

608-025A 12" APRON FOR PIPE
1.00 EA 987+56.07 (54.43' L), HW-SH6
1.00 EA 988+88.98 (54.56' L), HW-SH7

609-025A MINOR STR (5' IRR BOX STRUCTURE)
1.00 EA 988+03.95 (92.26' L), IRR BOX 22-2
1.00 EA 988+04.37 (100.00' R), IRR BOX 22-1
1.00 EA 990+56.09 (94.00' L), IRR BOX 22-3

S901-05Q SP IRR PIPE DITCH CONNECTION
1.00 EA 987+98.51 (94.50' R), IRR HW 22-1
1.00 EA 990+60.87 (94.01' L), IRR HW 22-2

S911-05B SP REMOVAL OF PIPE
57.00 FT 987+87.25 (7.24' L)-
987+87.94 (63.64' L)
271.00 FT 987+89.15 (65.72' L)-
990+60.31 (62.97' L)
100.00 FT 990+80.74 (23.41' R)-
991+80.00 (25.42' R)

S911-05C SP DITCH (CONCRETE)
120.00 FT 990+60.70 (94.00' L)-
991+80.00 (94.00' L)

S911-05D SP DITCH (FIELD DRAIN)
99.00 FT 987+00.00 (100.00' R)-
987+98.68 (100.00' R)
124.00 FT 990+56.19 (97.50' R)-
991+80.00 (97.50' R)

S911-05I SP INFILTRATION TRENCH (TYPE 4)
89.00 FT 987+00.00 (54.44' R)-
987+88.46 (54.44' R)
74.00 FT 987+00.00 (54.60' L)-
987+73.07 (56.44' L)
310.00 FT 959+48.27 (33.54' L)-
991+80.00 (52.44' L)
145.00 FT 988+67.98 (54.44' R)-
990+12.87 (54.44' R)

S911-05J SP REMOVAL OF CONCRETE DITCH
112.00 FT 990+68.05 (62.78' L)-
991+80.00 (61.57' L)

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NOT APPROVED
FINAL DESIGN FOR CONSTRUCTION

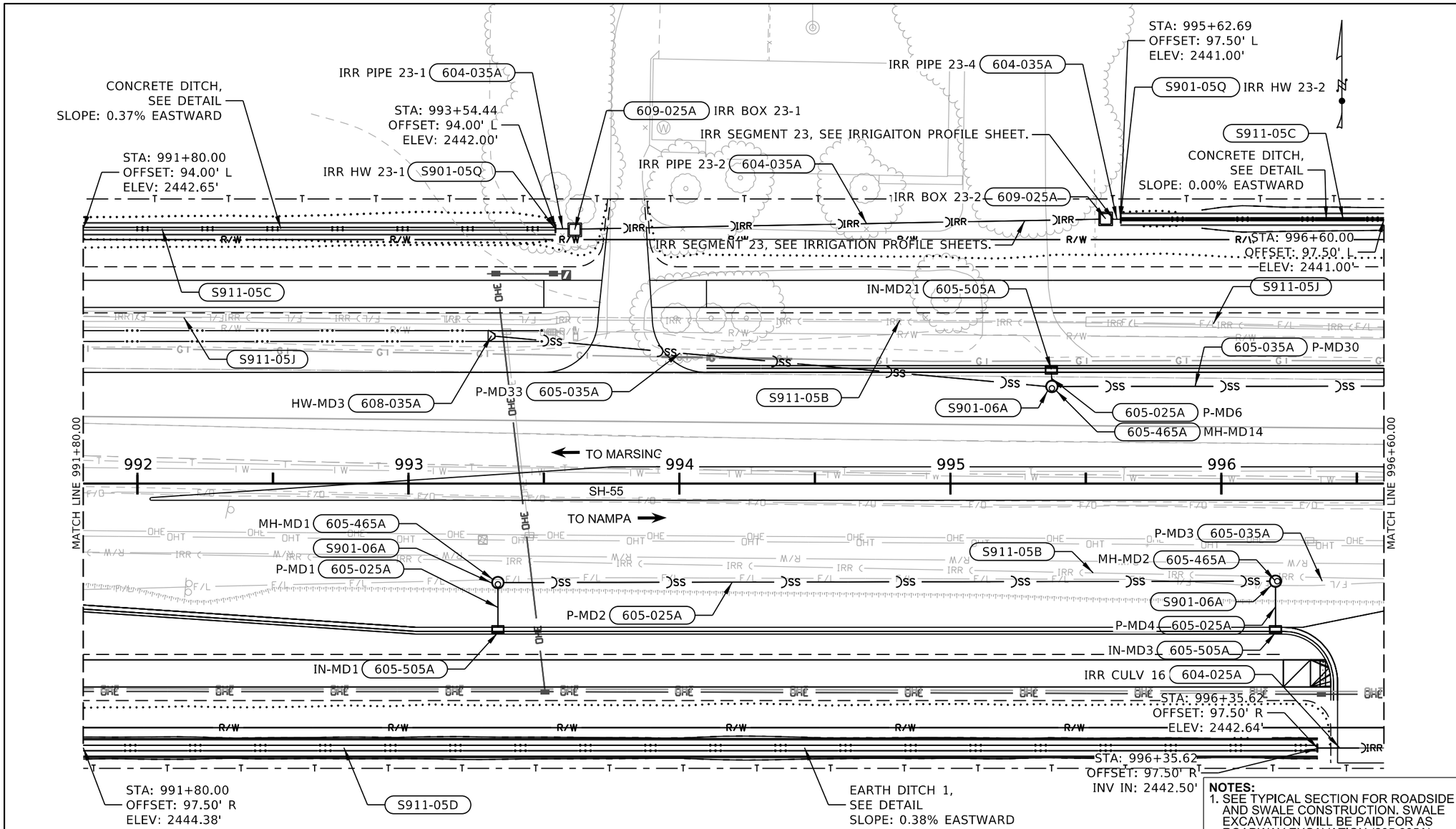
REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT
DESIGN CHECKED WPR		YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 03.DGN	Horrocks.
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024	

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 987+00 TO STA. 991+80
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 468 OF 1145



604-025A 12" IRRIGATION PIPE
25.00 FT 996+35.62 (97.50' R)-
996+60.00 (97.50' R), IRR CULV 16

604-035A 18" IRRIGATION PIPE
5.00 FT 993+54.44 (93.99' L)-
993+59.36 (93.97' L), IRR PIPE 23-1
192.00 FT 993+63.36 (93.88' L)-
995+55.33 (97.52' L), IRR PIPE 23-2
4.00 FT 995+59.33 (97.51' L)-
995+62.69 (97.50' L), IRR PIPE 23-4

605-025A 12" STORM SEWER PIPE
15.00 FT 993+33.00 (38.50' R)-
993+33.00 (52.88' R), P-MD1
283.00 FT 993+35.00 (36.50' R)-
996+18.00 (35.99' R), P-MD2
4.00 FT 995+37.26 (40.87' L)-
995+37.47 (37.82' L), P-MD6
15.00 FT 996+19.99 (38.00' R)-
996+20.00 (52.88' R) P-MD4

605-035A 18" STORM SEWER PIPE
205.00 FT 993+31.99 (54.37' L)-
995+35.47 (35.82' L), P-MD33
121.00 FT 995+39.47 (35.82' L)-
996+60.00 (35.90' L), P-MD30
38.00 FT 996+22.00 (36.01' R)-
996+60.00 (36.03' R), P-MD3

605-465A MANHOLE TYPE C
1.00 EA 993+33.00 (36.50' R), MH-MD1
1.00 EA 995+37.47 (35.82' L), MH-MD14
1.00 EA 996+20.00 (36.00' R), MH-MD2

605-505A CATCH BASIN TYPE 1A
1.00 EA 993+33.00 (55.50' R), IN-MD1
1.00 EA 995+37.26 (43.50' L), IN-MD21
1.00 EA 996+20.00 (55.50' R), IN-MD3

608-035A 18" APRON FOR PIPE
1.00 EA 993+31.99 (54.37' L), HW-MD3

609-025A MINOR STR (5' IRR BOX STRUCTURE)
1.00 EA 993+61.36 (93.61' L), IRR BOX 23-1
1.00 EA 995+57.33 (97.62' L), IRR BOX 23-2

S901-05Q SP IRR PIPE DITCH CONNECTION
1.00 EA 993+54.27 (94.00' L), IRR HW 23-1
1.00 EA 995+62.87 (97.50' L), IRR HW 23-2

S901-06A SP HEAVY DUTY MANHOLE LID
1.00 EA 993+33.00 (36.50' R), MH-MD1
1.00 EA 995+37.47 (35.82' L), MH-MD14
1.00 EA 996+20.00 (36.00' R), MH-MD2

S911-05B SP REMOVAL OF PIPE
481.00 FT 991+80.00 (25.42' R)-
996+60.00 (35.11' R)
193.00 FT 993+59.10 (61.36' L)-
995+51.09 (59.62' L)

S911-05C SP DITCH (CONCRETE)
175.00 FT 991+80.00 (94.00' L)-
993+54.44 (94.00' L)
98.00 FT 995+62.69 (97.50' L)-
996+60.00 (97.50' L)

S911-05D SP DITCH (FIELD DRAIN)
456.00 FT 991+80.00 (97.50' R)-
996+35.62 (97.50' R)

S911-05J SP REMOVAL OF CONCRETE DITCH
179.00 FT 991+80.00 (61.57' L)-
993+58.07 (61.40' L)
108.00 FT 995+52.03 (59.59' L)-
996+60.00 (57.74' L)

NOTES:

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Scale (Feet)
20 0 20 40

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR
DESIGN CHECKED WPR
DETAILED JMJ/MJS/CLD
DRAWING CHECKED WPR

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 22715 HYDR 03.DGN
DRAWING DATE: March 05, 2024

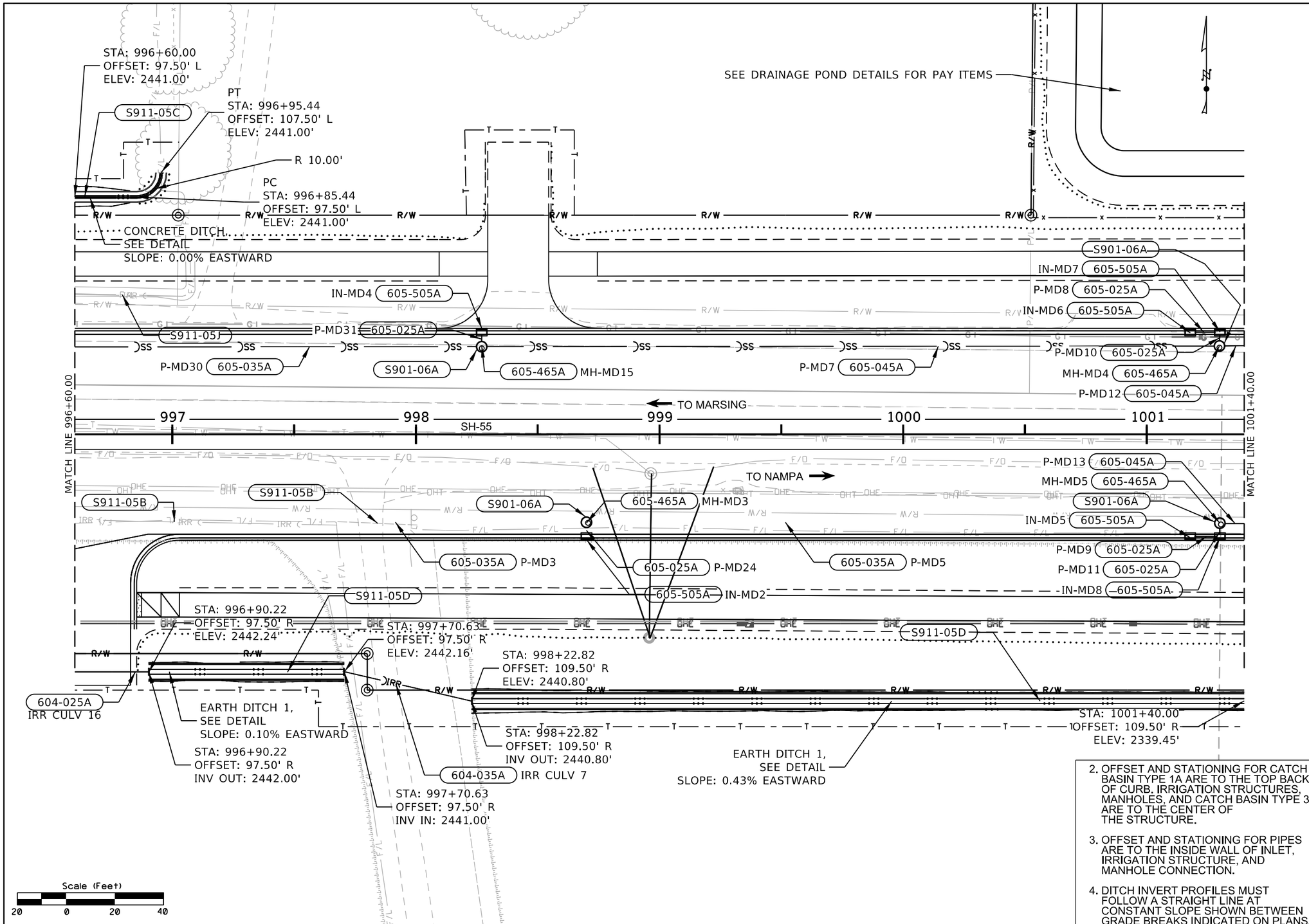
IDAHO TRANSPORTATION DEPARTMENT
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
Horrocks.

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 991+80 TO STA. 996+60
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 469 OF 1145

NOT APPROVED
FINAL DESIGN
FOR CONSTRUCTION



604-025A 31.00 FT	**12" IRRIGATION PIPE** 996+60.00 (97.50' R)- 996+90.22 (97.50' R), IRR CULV 16
604-035A 54.00 FT	**18" IRRIGATION PIPE** 997+70.63 (97.50' R)- 998+22.82 (109.50' R), IRR CULV 7
605-025A 3.00 FT	**12" STORM SEWER PIPE** 998+27.00 (38.00' L)- 998+27.01 (40.88' L), P-MD31
3.00 FT	998+70.00 (40.88' R)- 998+70.04 (38.10' R), P-MD24
9.00 FT	1001+19.59 (41.91' R)- 1001+28.27 (41.92' R), P-MD9
9.00 FT	1001+19.62 (41.92' L)- 1001+28.28 (41.92' L), P-MD8
3.00 FT	1001+29.83 (38.29' L)- 1001+30.02 (40.88' L), P-MD10
3.00 FT	1001+29.87 (38.46' R)- 1001+30.02 (40.88' R), P-MD11
605-035A 165.00 FT	**18" STORM SEWER PIPE** 996+60.00 (35.90' L)- 998+25.00 (36.00' L), P-MD30
208.00 FT	996+60.00 (36.03' R)- 998+68.00 (36.14' R), P-MD3
257.00 FT	998+72.00 (36.06' R)- 1001+28.03 (36.31' R), P-MD5
605-045A 299.00 FT	**24" STORM SEWER PIPE** 998+29.00 (36.00' L)- 1001+27.85 (36.27' L), P-MD7
9.00 FT	1001+31.85 (36.31' L)- 1001+40.00 (36.42' L), P-MD12
8.00 FT	1001+32.01 (36.61' R)- 1001+40.00 (36.60' R), P-MD13
605-465A 1.00 EA	**MANHOLE TYPE C** 998+27.00 (36.00' L), MH-D15
1.00 EA	998+70.00 (36.10' R), MH-MD3
1.00 EA	1001+29.85 (36.29' L), MH-MD4
1.00 EA	1001+30.02 (36.46' R), MH-MD5
605-505A 1.00 EA	**CATCH BASIN TYPE 1A** 998+27.00 (43.50' L), IN-MD4
1.00 EA	998+70.00 (43.50' R), IN-MD2
1.00 EA	1001+17.84 (43.50' R), IN-MD5
1.00 EA	1001+17.87 (43.50' L), IN-MD6
1.00 EA	1001+30.02 (43.50' L), IN-MD7
1.00 EA	1001+30.02 (43.50' R), IN-MD8
S901-06A 1.00 EA	**SP HEAVY DUTY MANHOLE LID** 998+27.00 (36.00' L), MH-D15
1.00 EA	998+70.00 (36.10' R), MH-MD3
1.00 EA	1001+29.85 (36.29' L), MH-MD4
1.00 EA	1001+30.02 (36.46' R), MH-MD5
S911-05B 108.00 FT	**SP REMOVAL OF PIPE** 996+60.00 (35.11' R)- 997+67.63 (37.28' R)
33.00 FT	997+67.79 (35.82' R)- 998+00.76 (37.24' R)
S911-05C 42.00 FT	**SP DITCH (CONCRETE)** 996+60.00 (97.50' L)- 996+95.44 (107.50' L)
S911-05D 81.00 FT	**SP DITCH (FIELD DRAIN)** 996+90.22 (97.50' R)- 997+70.63 (97.50' R)
318.00 FT	998+22.82 (109.50' R)- 1001+40.00 (109.50' R)
S911-05J 63.00 FT	**SP REMOVAL OF CONCRETE DITCH** 996+60.00 (57.74' L)- 997+07.21 (73.21' L)

NOTES:

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NOT APPROVED

FINAL DESIGN FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity Horrocks.
DESIGN CHECKED WPR		
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 03.DGN	
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024	

PROJECT NO.

A022(715)

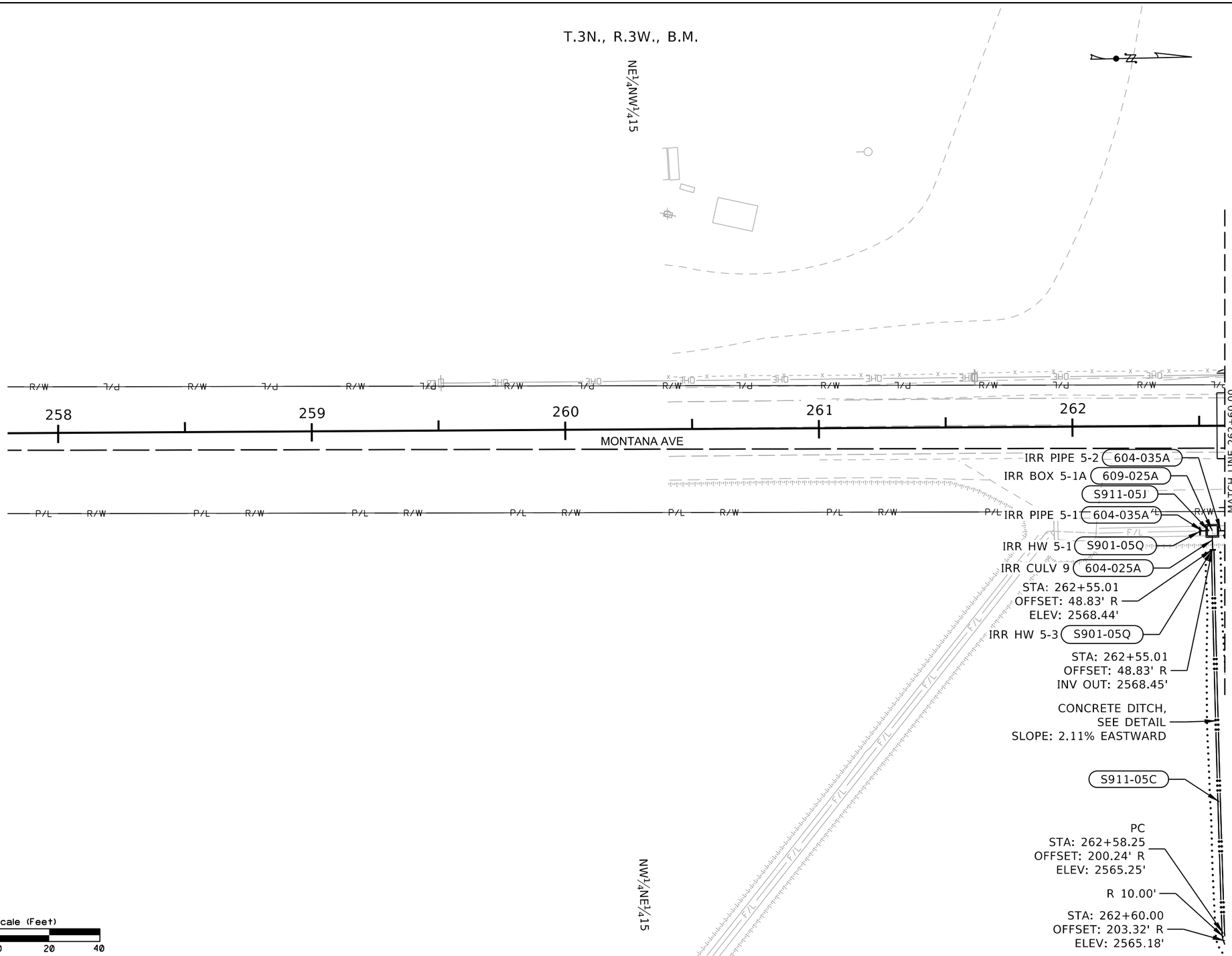
DRAINAGE/IRRIGATION PLANS

SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 996+60 TO STA. 1001+40
FOR INFORMATION ONLY

ENGLISH

COUNTY CANYON

KEY NUMBER 22715



604-025A **12" IRRIGATION PIPE**
6.00 FT 262+54.90 (43.43' R)-
262+55.01 (48.83' R), IRR CULV 9

604-035A **18" IRRIGATION PIPE**
3.00 FT 262+50.16 (41.53' R)-
262+52.91 (41.35' R), IRR PIPE 5-1
3.00 FT 262+56.91 (41.46' R)-
262+60.00 (41.43' R), IRR PIPE 5-2

609-025A **MINOR STR (5' IRR BOX STRUCTURE)**
1.00 EA 262+54.91, (41.43' R), IRR BOX 5-1A

S901-05Q **SP IRRIGATION DITCH PIPE CONNECTION**
1.00 EA 262+50.16 (41.53' R), IRR HW 5-1
1.00 EA 262+55.01 (48.83' R), IRR HW 5-3

S911-05C **SP DITCH (CONCRETE)**
155.00 FT 262+55.01 (48.83' R)-
262+60.00 (205.62' R)

S911-05J **SP REMOVAL OF CONCRETE DITCH**
3.00 FT 262+57.43 (41.44' R)-
262+60.00 (41.42' R)

NOTES:
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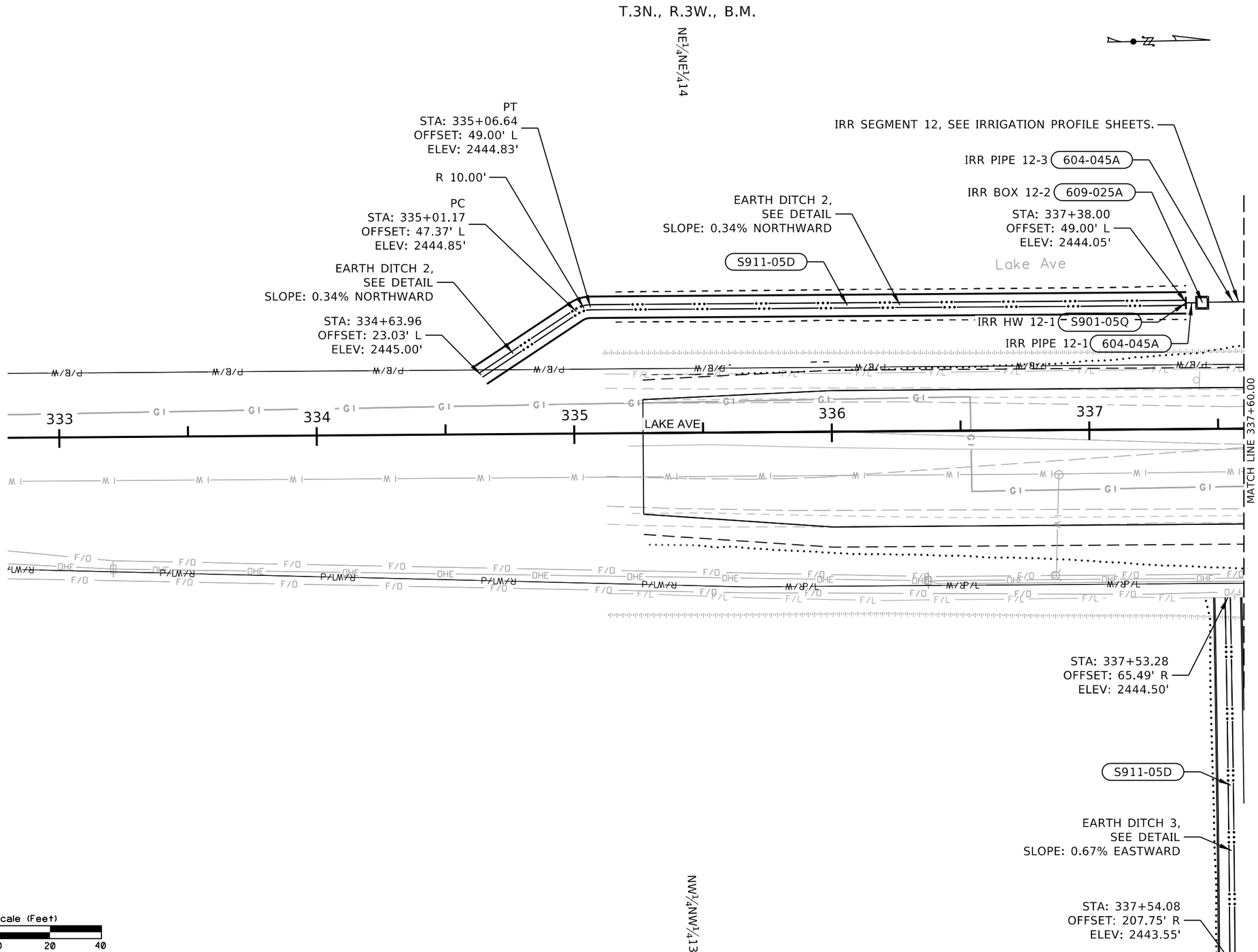
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024	

PROJECT NO.	DRAINAGE/IRRIGATION PLANS	ENGLISH
A022(715)	SH-55, FARMWAY RD. TO MIDDLETON RD. STA. 257+80 TO STA. 262+60 FOR INFORMATION ONLY	COUNTY CANYON KEY NUMBER 22715 SHEET 477 OF 1145



604-045A 24" IRRIGATION PIPE
5.00 FT 337+38.00 (49.00' L)-
337+42.18 (49.00' L), IRR PIPE 12-1
15.00 FT 337+46.18 (49.18' L)-
337+60.00 (49.27' L), IRR PIPE 12-3

609-025A MINOR STR (5' IRR BOX STRUCTURE)
1.00 EA 337+44.18 (49.02' L), IRR BOX 12-2

S901-05Q SP IRRIGATION DITCH PIPE CONNECTION
1.00 EA 337+37.83 (48.99' L), IRR HW 12-1

S911-05D SP DITCH (FIELD DRAIN)
282.00 FT 334+63.97 (23.03' L)-
337+38.00 (49.00' L)
143.00 FT 337+53.28 (65.49' R)-
337+54.08 (207.75' R)

NOTES:

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FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

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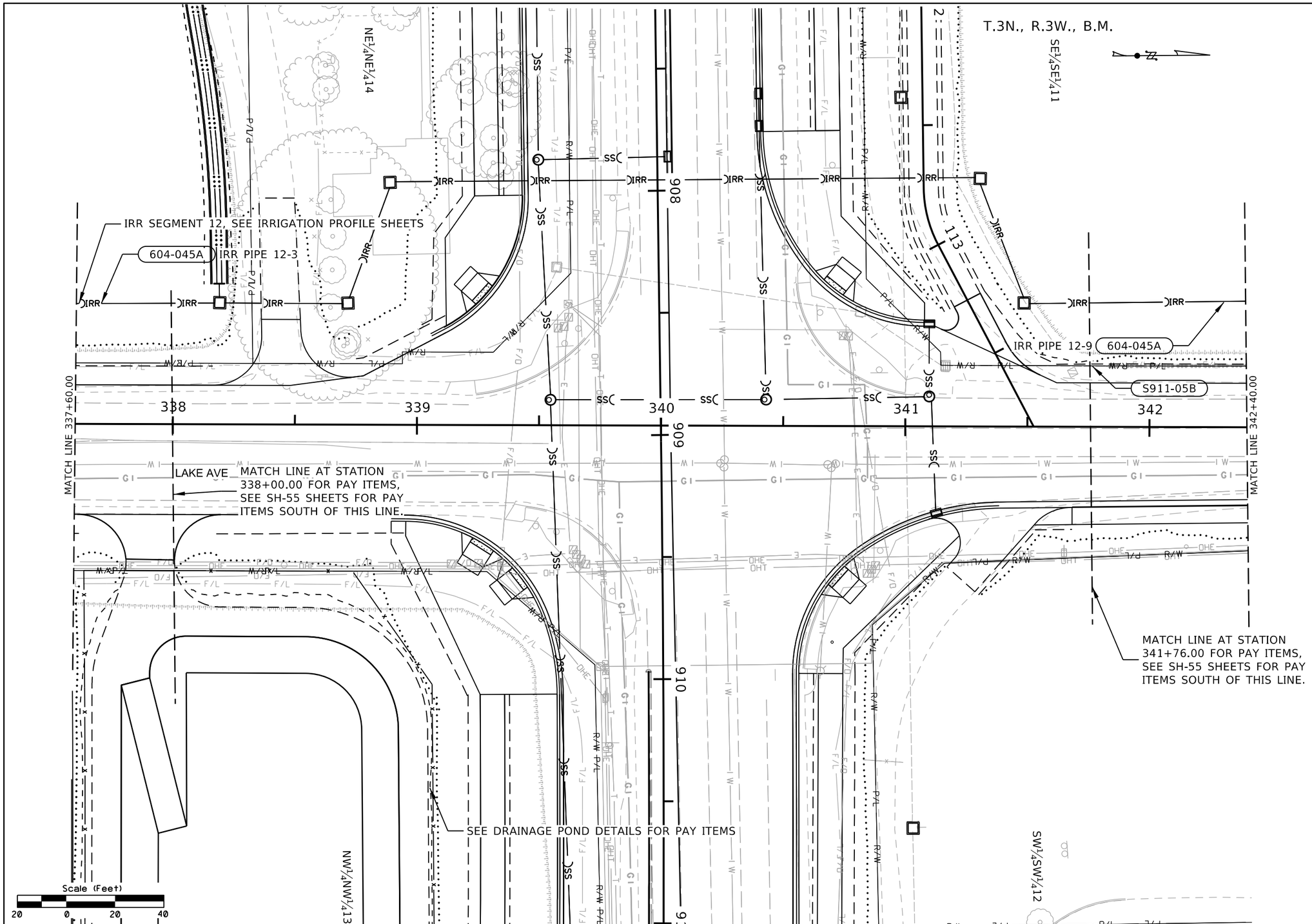
DESIGN CHECKED WPR	
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 05.DGN
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024

IDAHO TRANSPORTATION DEPARTMENT
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
Horrocks.

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 332+80 TO STA. 337+60
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 481 OF 1145



604-045A 24" IRRIGATION PIPE

40.00 FT	337+60.00 (49.27' L)- 338+00.00 (49.51' L), IRR PIPE 12-3
64.00 FT	341+76.00 (50.73' L)- 342+40.00 (51.63' L), IRR PIPE 12-9

S911-05B SP REMOVAL OF PIPE

6.00 FT	341+76.00 (24.77' L)- 341+81.81 (24.75' L)

NOTES:

1. SEE TYPICAL SECTION FOR ROADSIDE AND SWALE CONSTRUCTION. SWALE EXCAVATION WILL BE PAID FOR AS ROADWAY EXCAVATION (205-005A).
2. OFFSET AND STATIONING FOR CATCH BASIN TYPE 1A ARE TO THE TOP BACK OF CURB. IRRIGATION STRUCTURES, MANHOLES, AND CATCH BASIN TYPE 3A ARE TO THE CENTER OF THE STRUCTURE.
3. OFFSET AND STATIONING FOR PIPES ARE TO THE INSIDE WALL OF INLET, IRRIGATION STRUCTURE, AND MANHOLE CONNECTION.
4. DITCH INVERT PROFILES MUST FOLLOW A STRAIGHT LINE AT CONSTANT SLOPE SHOWN BETWEEN GRADE BREAK INDICATED ON PLANS.

NOT APPROVED

FINAL DESIGN FOR CONSTRUCTION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED WPR	
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 05.DGN
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024

IDAHO TRANSPORTATION DEPARTMENT
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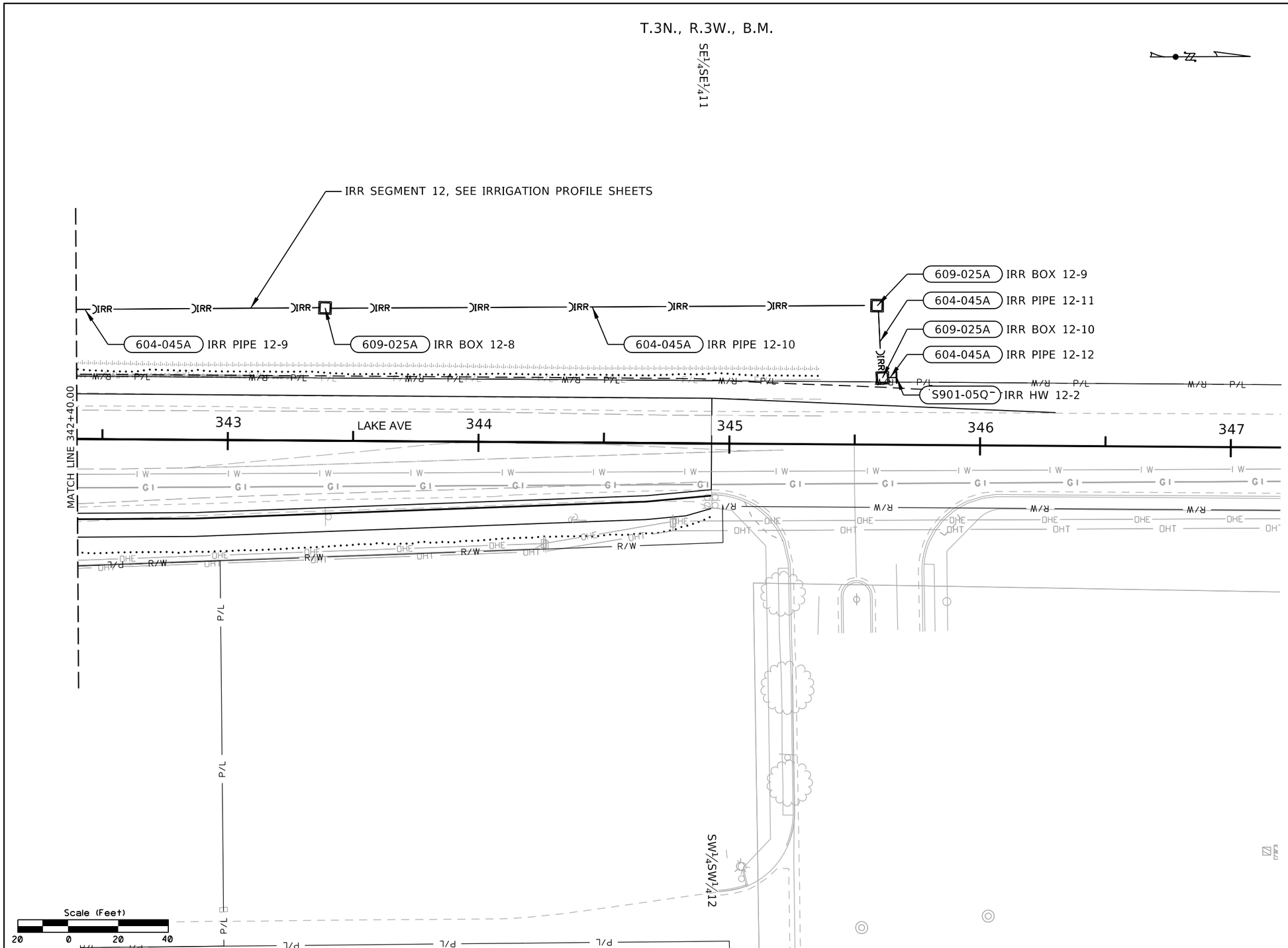
Horrocks.

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 337+60 TO STA. 342+40
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 482 OF 1145



604-045A 24" IRRIGATION PIPE

98.00 FT	342+40.00 (51.63' L)- 343+36.44 (53.03' L), IRR PIPE 12-9
217.00 FT	343+40.44 (52.80' L)- 345+56.52 (55.46' L), IRR PIPE 12-10
25.00 FT	345+59.05 (53.40' L)- 345+60.46 (28.58' L), IRR PIPE 12-11
4.00 FT	345+62.90 (26.72' L)- 345+66.30 (26.80' L), IRR PIPE 12-12

609-025A MINOR STR (5' IRR BOX STRUCTURE)

1.00 EA	343+38.44 (52.95' L), IRR BOX 12-8
1.00 EA	345+58.52 (55.41' L), IRR BOX 12-9
1.00 EA	345+60.90 (26.61' L), IRR BOX 12-10

S901-05Q SP IRRIGATION DITCH PIPE CONNECTION

1.00 EA	345+66.30 (26.80' L), IRR HW 12-2

NOTES:

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4. DITCH INVERT PROFILES MUST FOLLOW A STRAIGHT LINE AT CONSTANT SLOPE SHOWN BETWEEN GRADE BREAK INDICATED ON PLANS.

NOT APPROVED FOR CONSTRUCTION
FINAL DESIGN

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED WPR	
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 05.DGN
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024

IDAHO TRANSPORTATION DEPARTMENT
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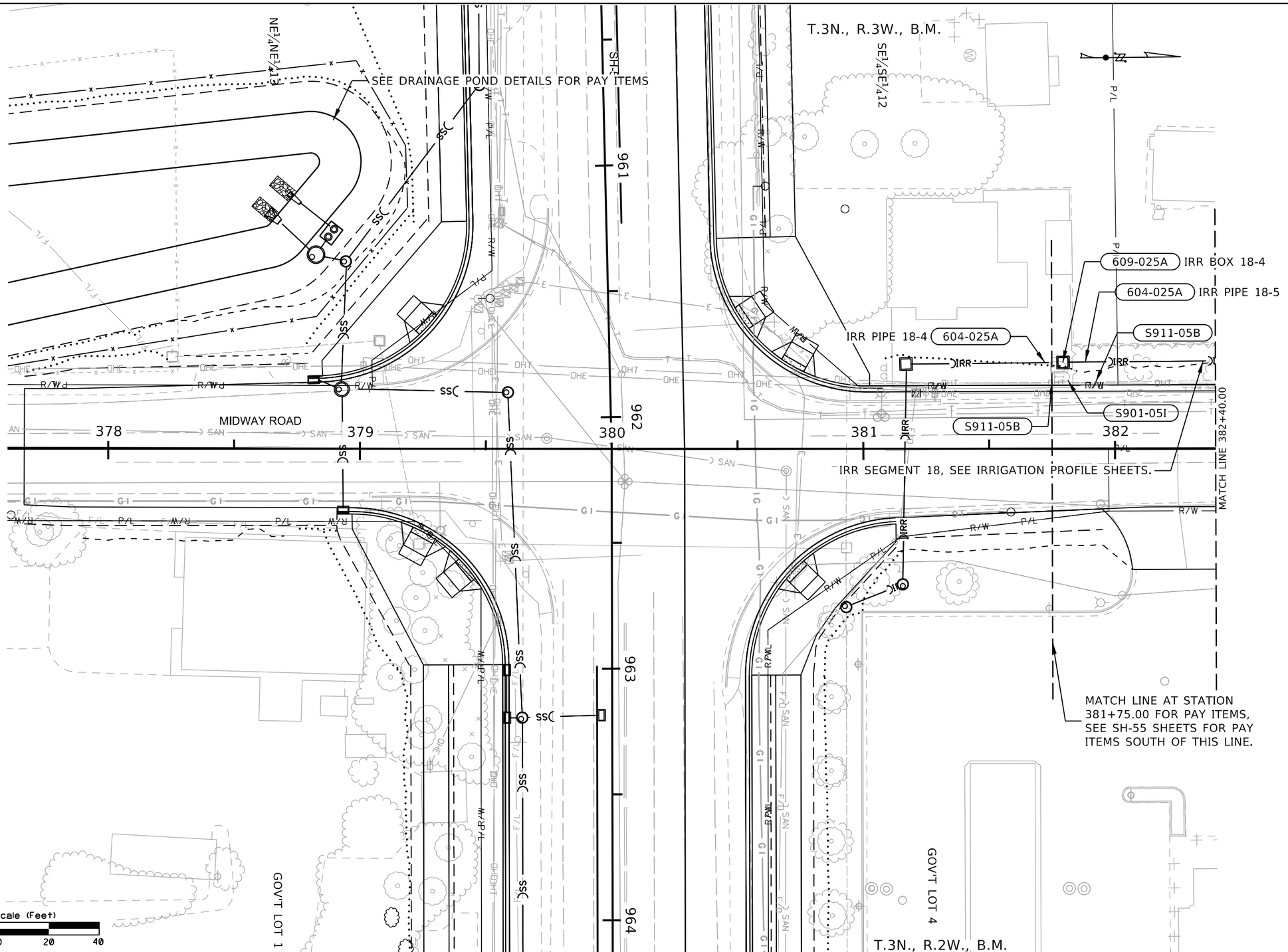
Horrocks.

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 342+40 TO STA. 347+20
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 483 OF 1145



604-025A 12" IRRIGATION PIPE
3.00 FT 381+75.00 (34.45' L)-
381+77.48 (34.47' L), IRR PIPE 18-4
59.00 FT 381+81.48 (34.62' L)-
382+40.00 (34.92' L), IRR PIPE 18-5

609-025A MINOR STR (5' IRR BOX STRUCTURE)
1.00 EA 381+79.48 (34.48' L), IRR BOX 18-4

S901-05I SP REMOVAL OF IRRIGATION STRUCTURE
1.00 EA 381+81.05 (27.20' L)

S911-05B SP REMOVAL OF PIPE
6.00 FT 381+75.00 (26.57' L)-
381+80.70 (26.59' L)
59.00 FT 381+81.97 (26.55' L)-
382+40.00 (27.10' L)

NOTES:
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NOT APPROVED
FINAL DESIGN FOR CONSTRUCTION

REVISIONS			
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DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED WPR	
DETAILED JMJ/MJS/CLD	CADD FILE NAME 22715 HYDR 05.DGN
DRAWING CHECKED WPR	DRAWING DATE: March 05, 2024

IDAHO TRANSPORTATION DEPARTMENT
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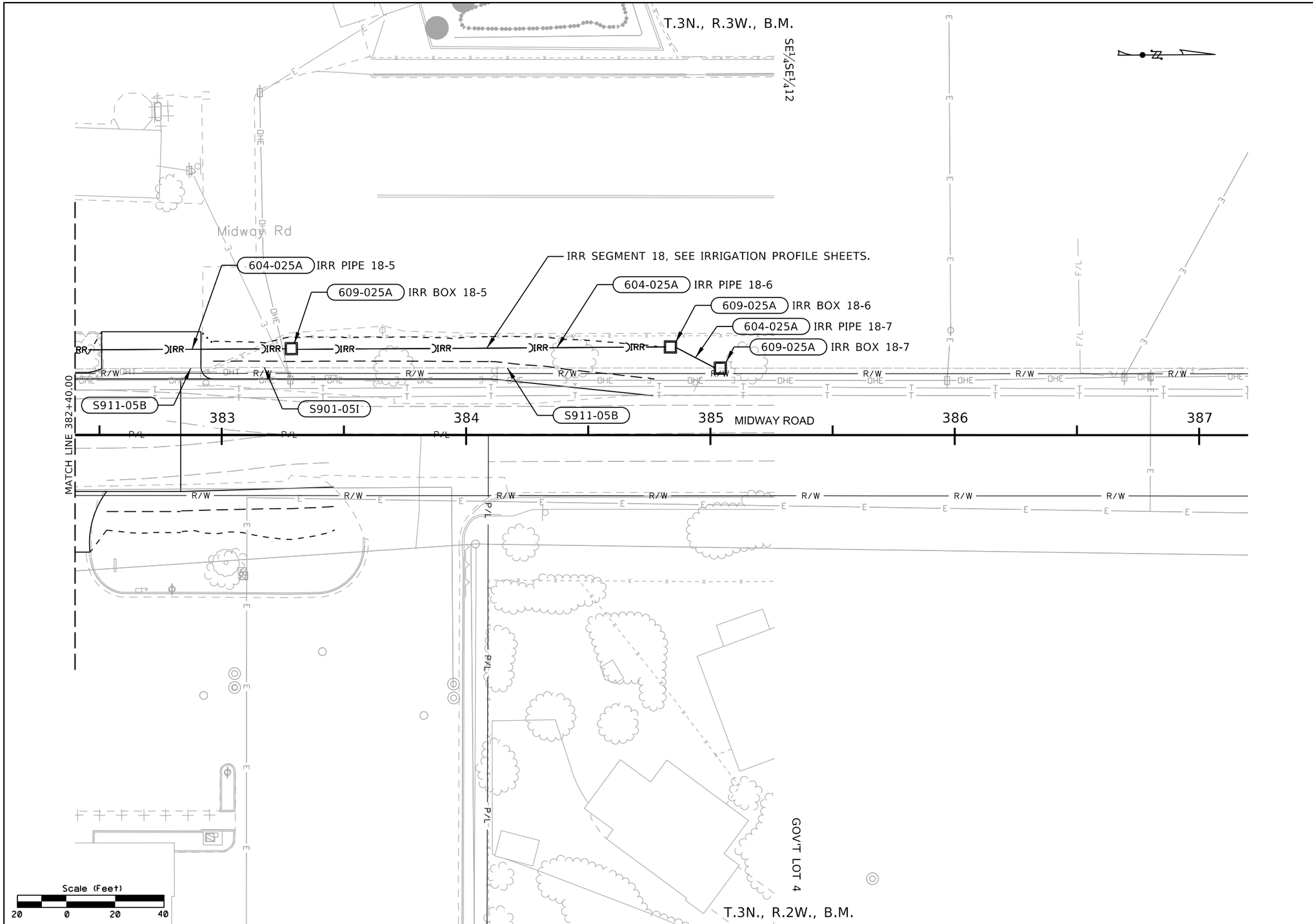
Horrocks.

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 377+60 TO STA. 382+40
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 484 OF 1145



604-025A 12" IRRIGATION PIPE

87.00 FT	382+40.00 (34.92' L)- 383+26.47 (35.37' L), IRR PIPE 18-5
152.00 FT	383+30.47 (35.12' L)- 384+81.64 (36.13' L), IRR PIPE 18-6
19.00 FT	384+85.64 (36.03' L)- 385+02.08 (27.45' L), IRR PIPE 18-7

609-025A MINOR STR (5' IRR BOX STRUCTURE)

1.00 EA	383+28.47 (35.44' L), IRR BOX 18-5
1.00 EA	384+83.64 (36.10' L), IRR BOX 18-6
1.00 EA	385+04.08 (27.49' L), IRR BOX 18-7

S901-05I SP REMOVAL OF IRRIGATION STRUCTURE

1.00 EA	383+17.92 (27.70' L)

S911-05B SP REMOVAL OF PIPE

76.00 FT	382+40.00 (27.10' L)- 383+15.78 (27.80' L)
172.00 FT	383+20.31 (27.61' L)- 384+91.65 (27.50' L)

NOTES:

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NOT APPROVED FOR CONSTRUCTION

FINAL DESIGN

REVISIONS			
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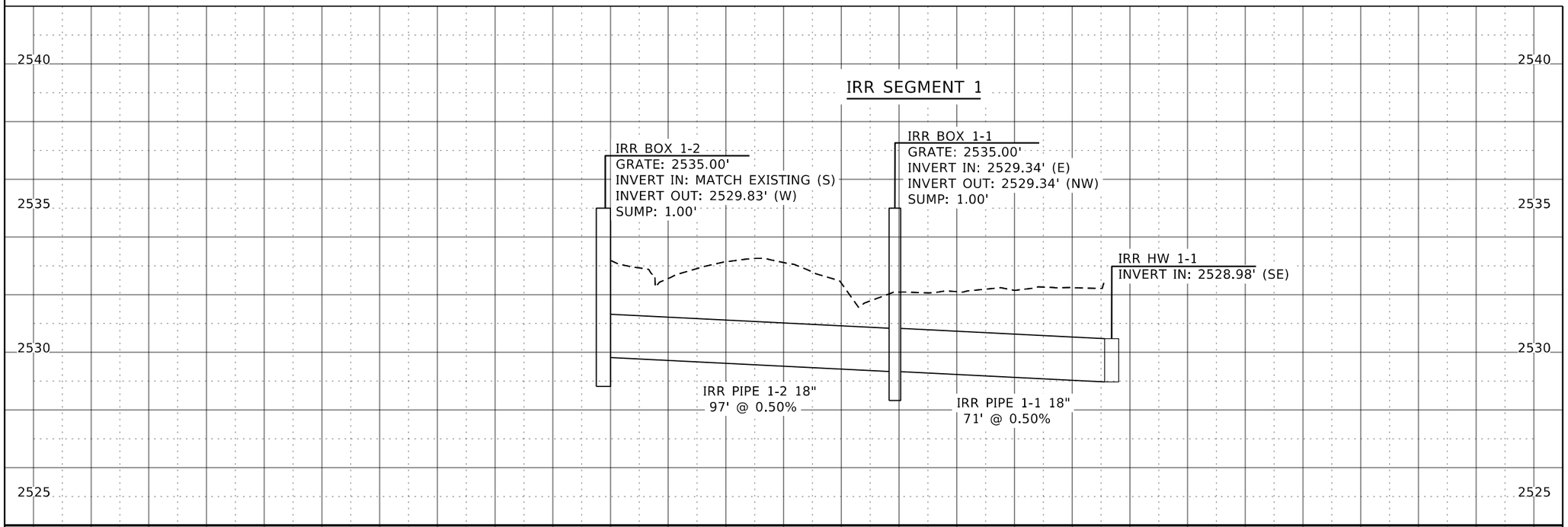
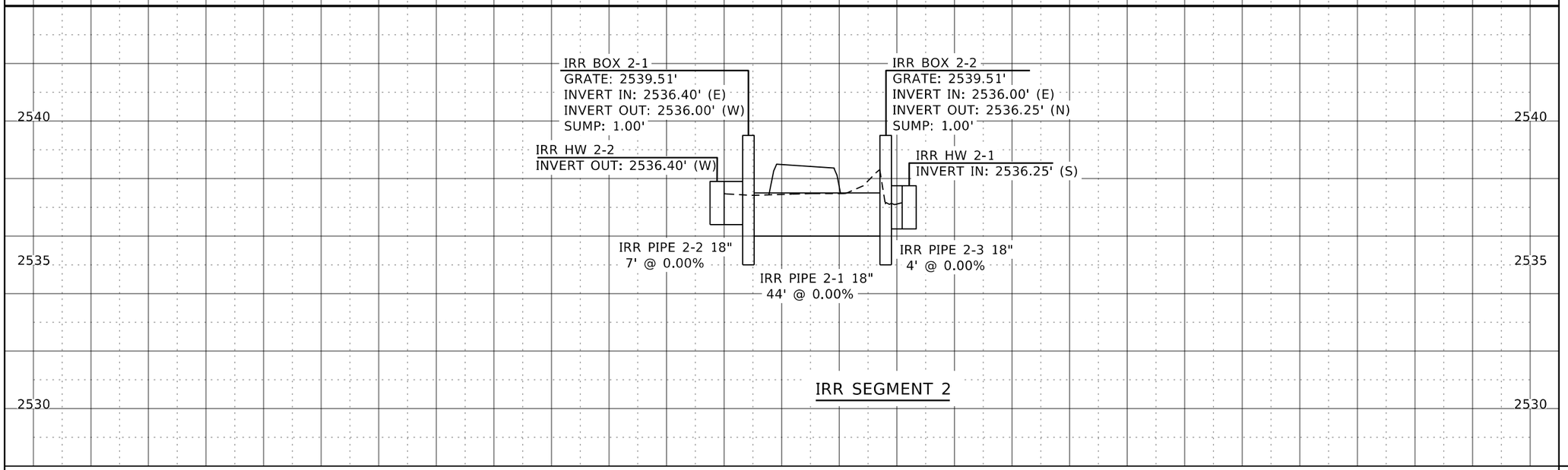
Horrocks.

PROJECT NO.
A022(715)

DRAINAGE/IRRIGATION PLANS
SH-55, FARMWAY RD. TO MIDDLETON RD.
STA. 382+40 TO STA. 387+20
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 485 OF 1145



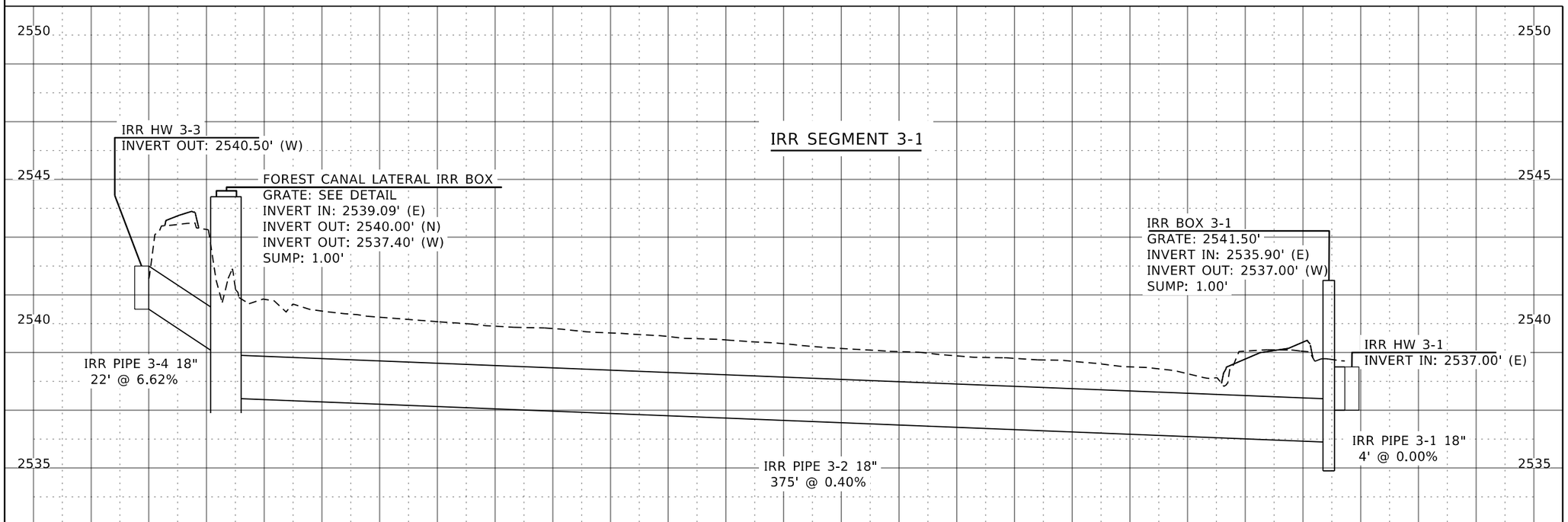


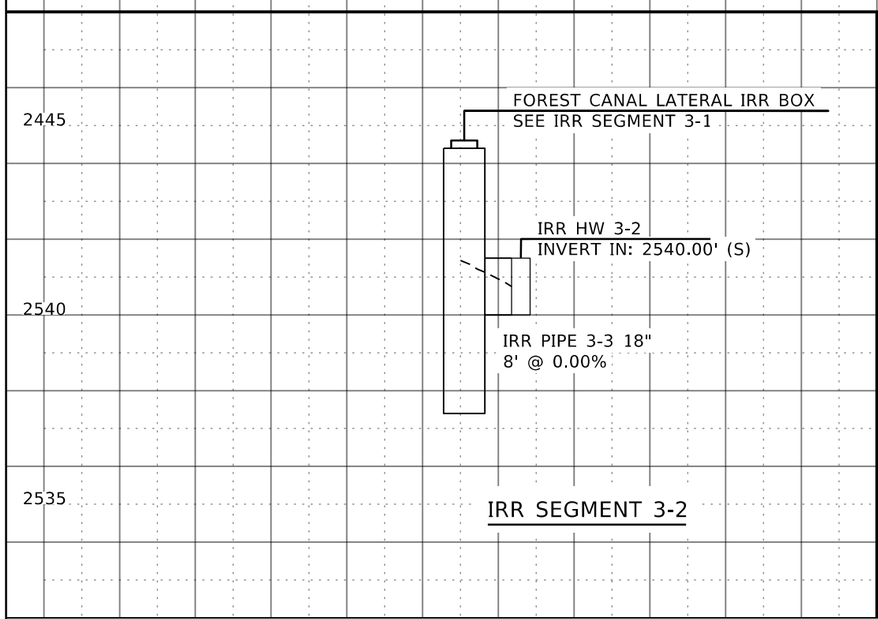
REVISIONS			
NO.	DATE	BY	DESCRIPTION

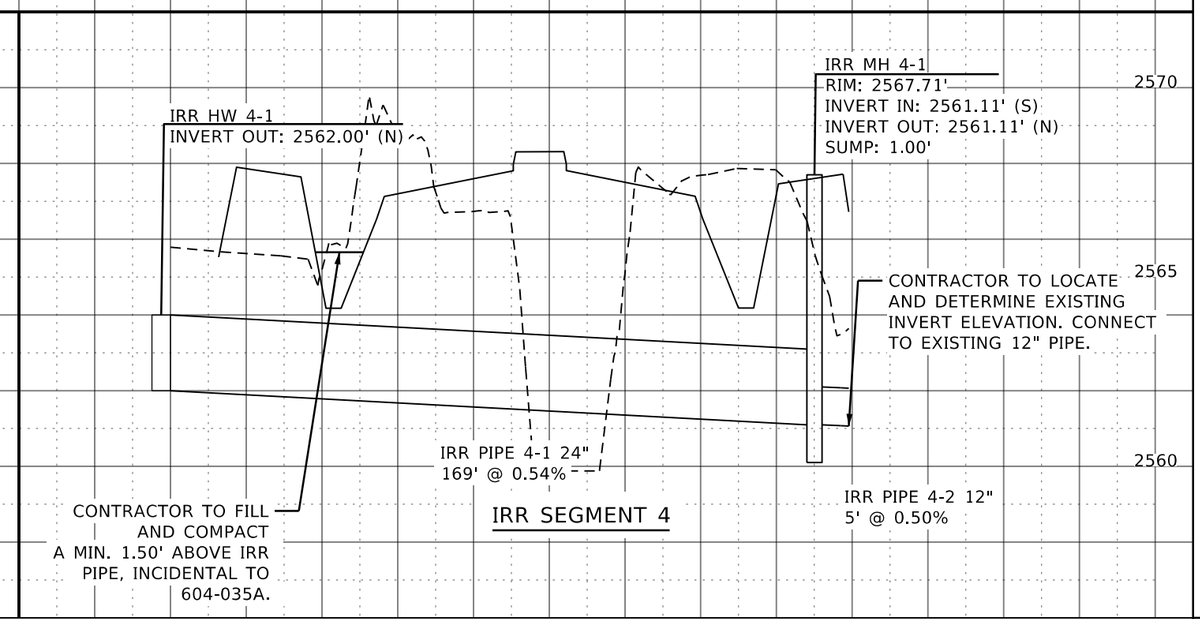
DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
DESIGN CHECKED LTK		
DETAILED JMJ	CADD FILE NAME 22715 Irr Prof.DGN	
DRAWING CHECKED WPR	DRAWING DATE: March 06, 2024	Horrocks.

PROJECT NO.	IRRIGATION PROFILES	ENGLISH
A022(715)	SH-55, FARMWAY RD. TO MIDDLETON RD. FOR INFORMATION ONLY	COUNTY CANYON KEY NUMBER 22715 SHEET 545 OF 1145

NOT APPROVED
FINAL DESIGN FOR CONSTRUCTION







REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
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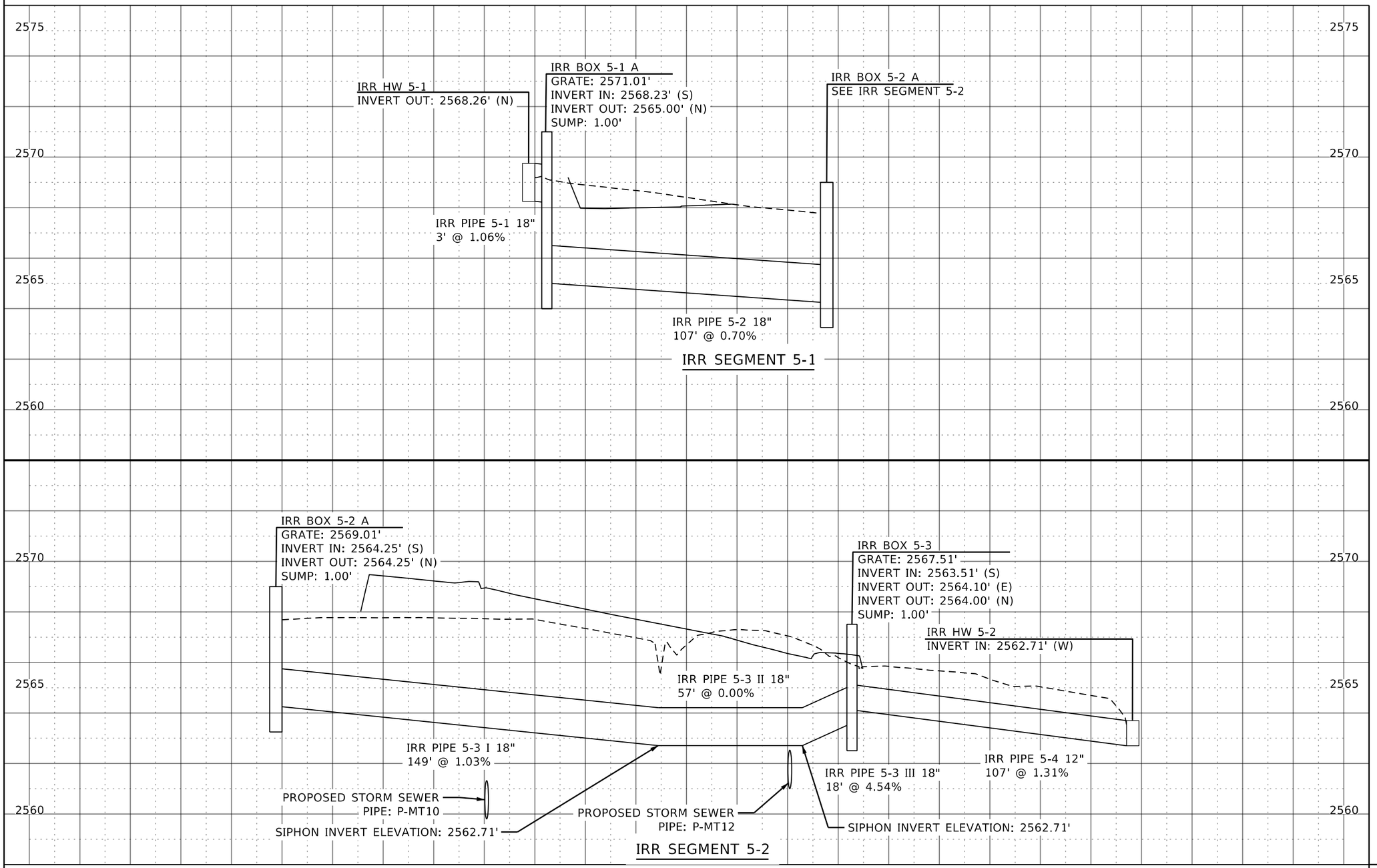
PROJECT NO.	IRRIGATION PROFILES	ENGLISH
A022(715)	SH-55, FARMWAY RD. TO MIDDLETON RD. FOR INFORMATION ONLY	COUNTY CANYON KEY NUMBER 22715 SHEET 546 OF 1145

NOT APPROVED

FINAL DESIGN FOR CONSTRUCTION



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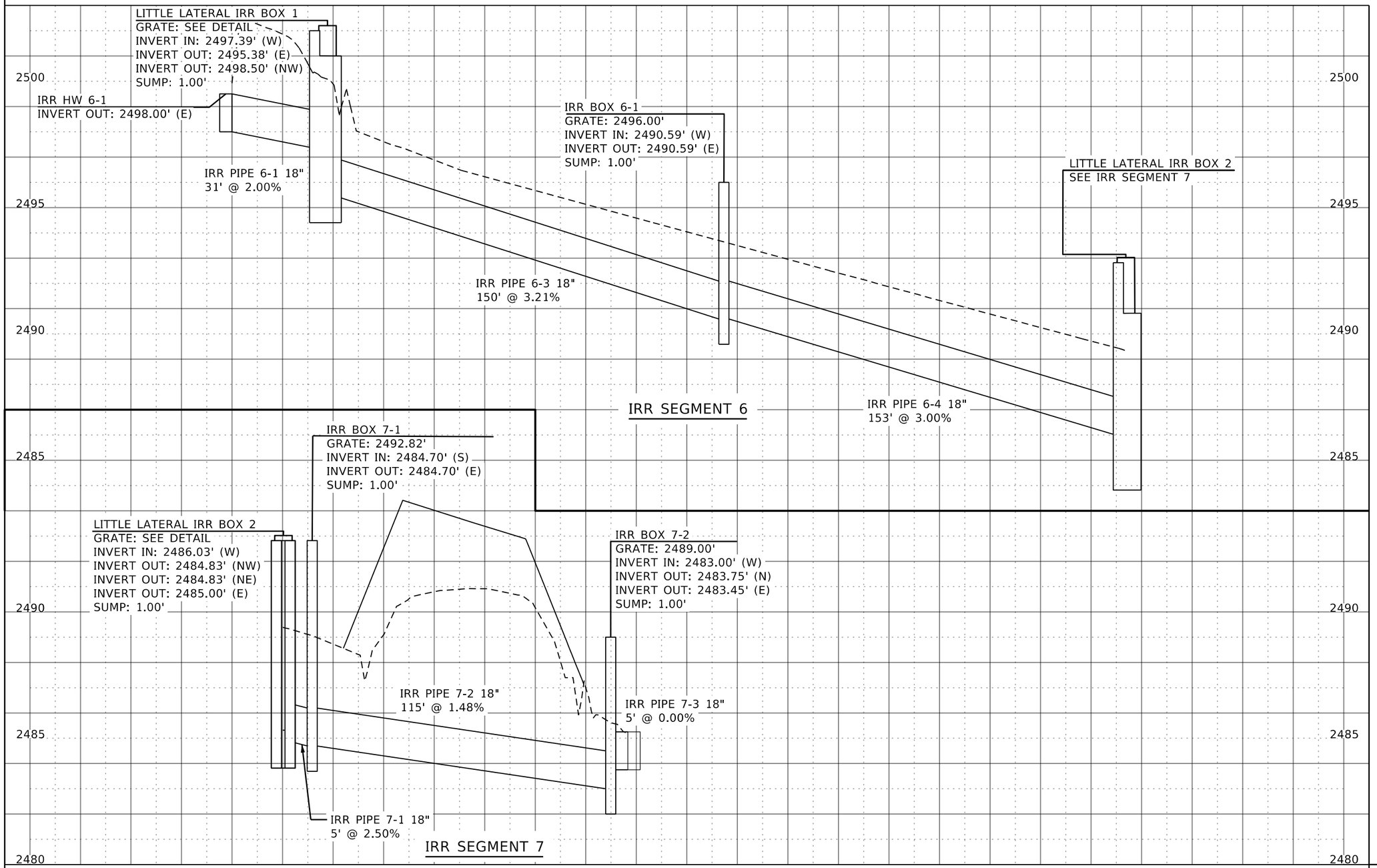
DETAILED JMJ	CADD FILE NAME 22715 Irr Prof.DGN	Horrocks.
DRAWING CHECKED WPR	DRAWING DATE: March 06, 2024	

PROJECT NO.	IRRIGATION PROFILES	ENGLISH
A022(715)	SH-55, FARMWAY RD. TO MIDDLETON RD. FOR INFORMATION ONLY	COUNTY CANYON KEY NUMBER 22715 SHEET 547 OF 1145

NOT APPROVED
FINAL DESIGN
FOR CONSTRUCTION



REVISIONS			
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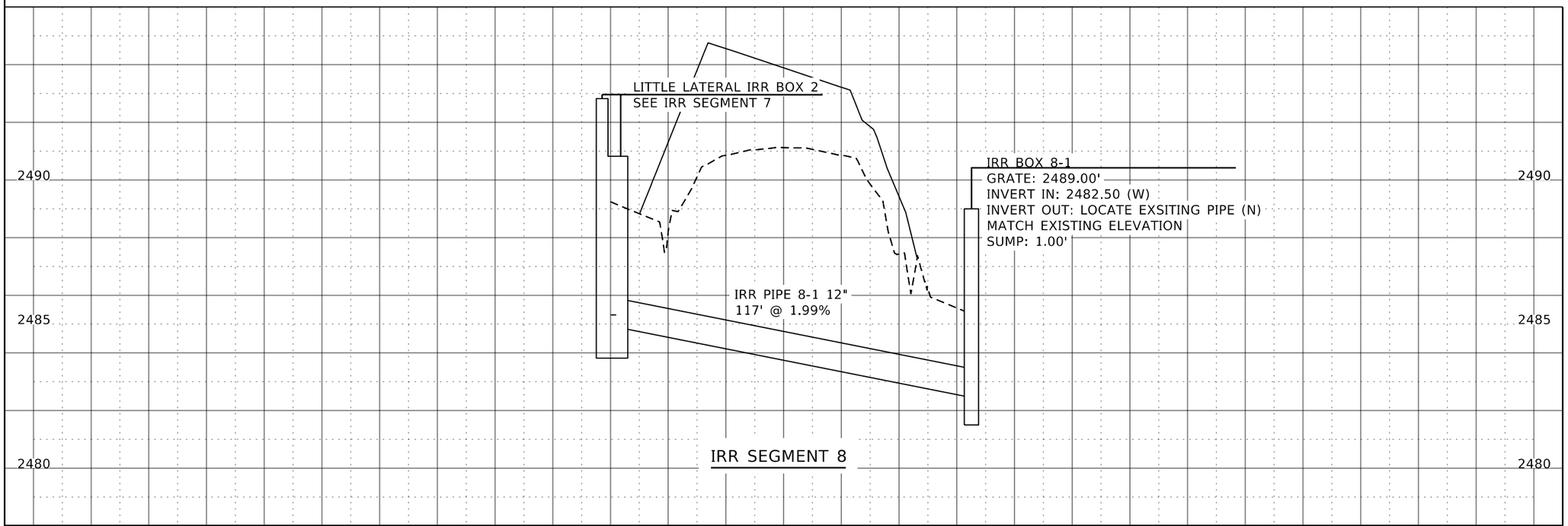
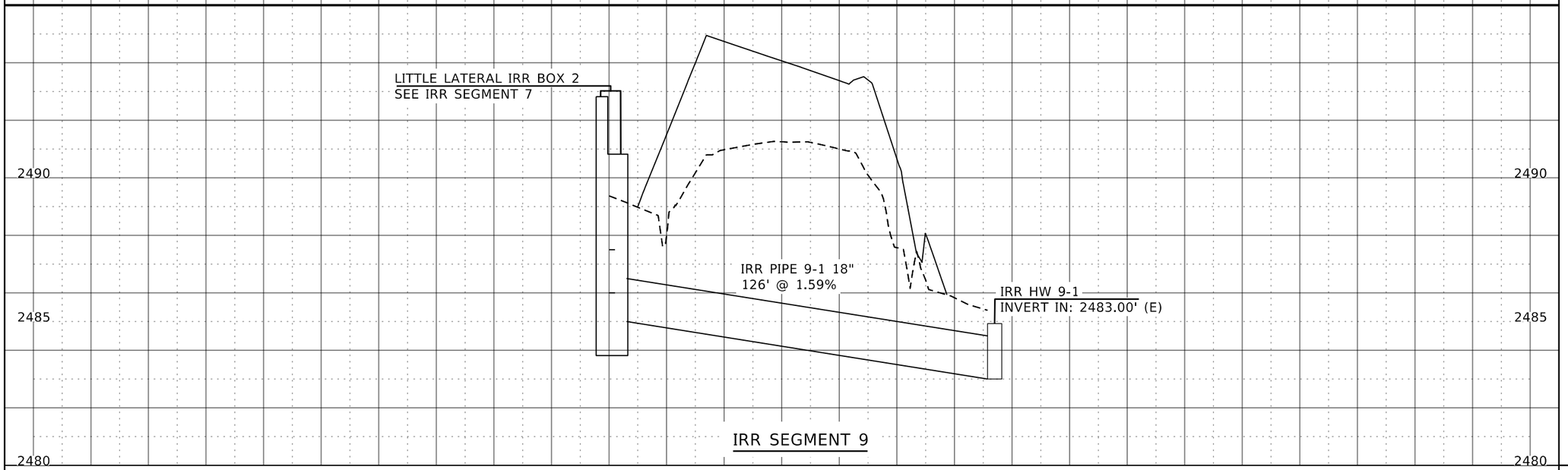
DETAILED JMJ	CADD FILE NAME 22715 Irr Prof.DGN	
DRAWING CHECKED WPR	DRAWING DATE: March 06, 2024	Horrocks.

PROJECT NO.	IRRIGATION PROFILES	ENGLISH
A022(715)	SH-55, FARMWAY RD. TO MIDDLETON RD. FOR INFORMATION ONLY	COUNTY CANYON KEY NUMBER 22715 SHEET 548 OF 1145

NOT APPROVED
FINAL DESIGN FOR CONSTRUCTION



IRR SEGMENT 8



IRR SEGMENT 9

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity	PROJECT NO.
DESIGN CHECKED LTK			A022(715)
DETAILED JMJ	CADD FILE NAME 22715 Irr Prof.DGN		
DRAWING CHECKED WPR	DRAWING DATE: March 06, 2024	Horrocks.	

IRRIGATION PROFILES

SH-55, FARMWAY RD. TO MIDDLETON RD.

FOR INFORMATION ONLY

ENGLISH

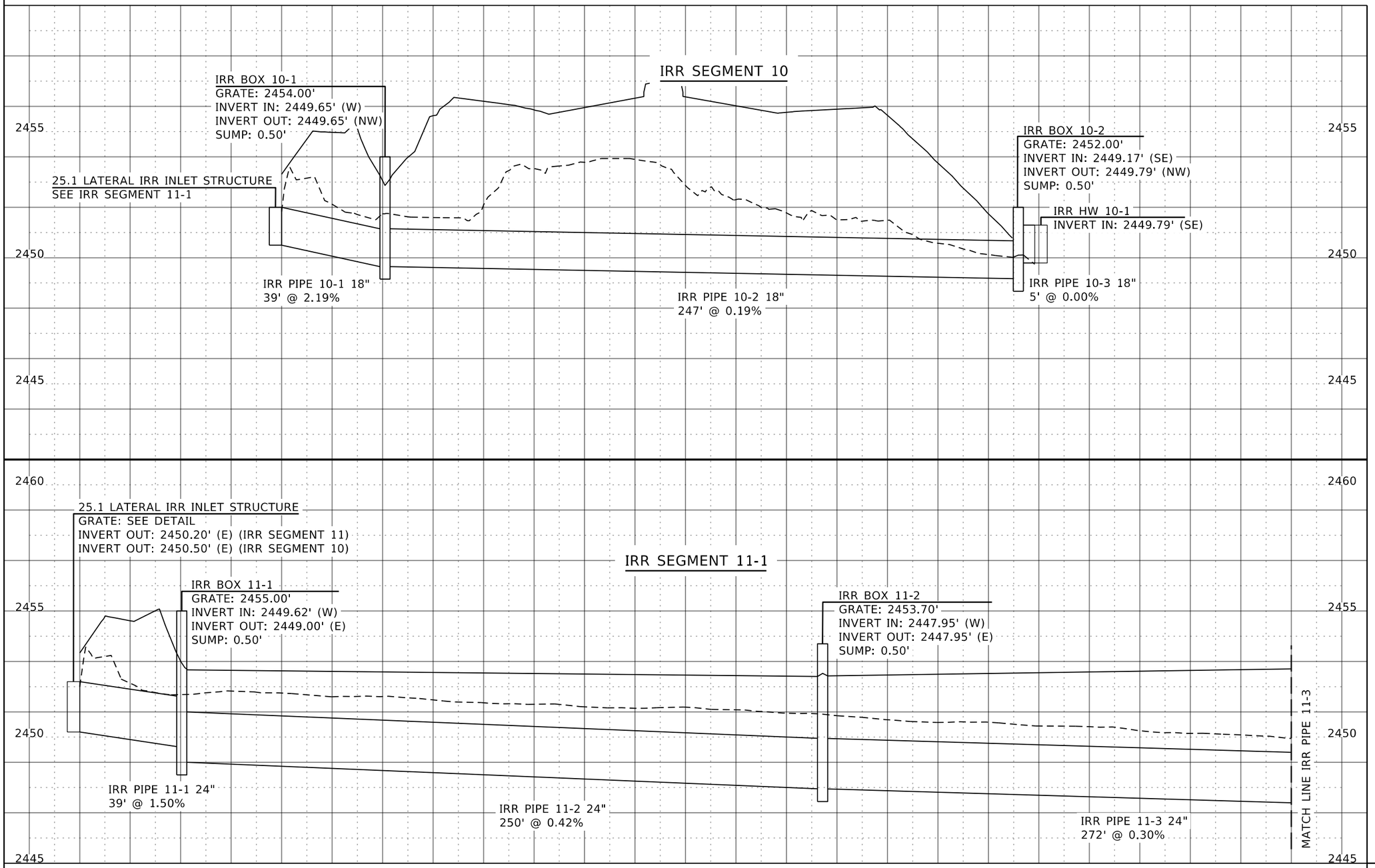
COUNTY CANYON

KEY NUMBER 22715

SHEET 549 OF 1145

NOT APPROVED

FINAL DESIGN FOR CONSTRUCTION



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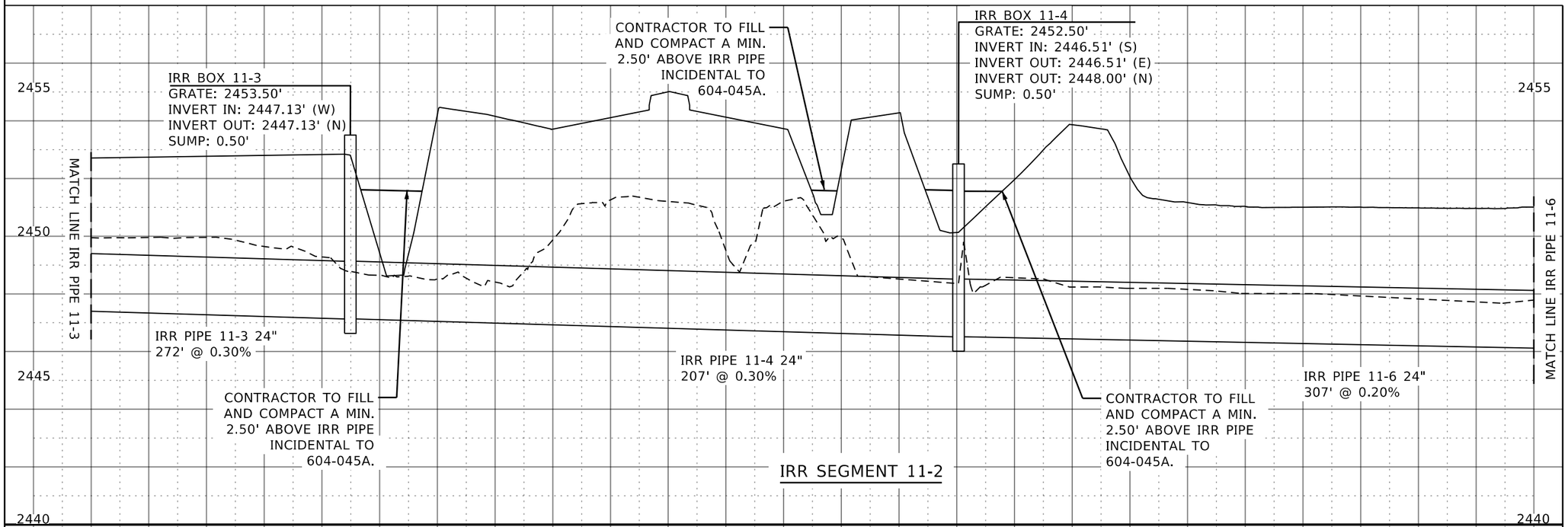
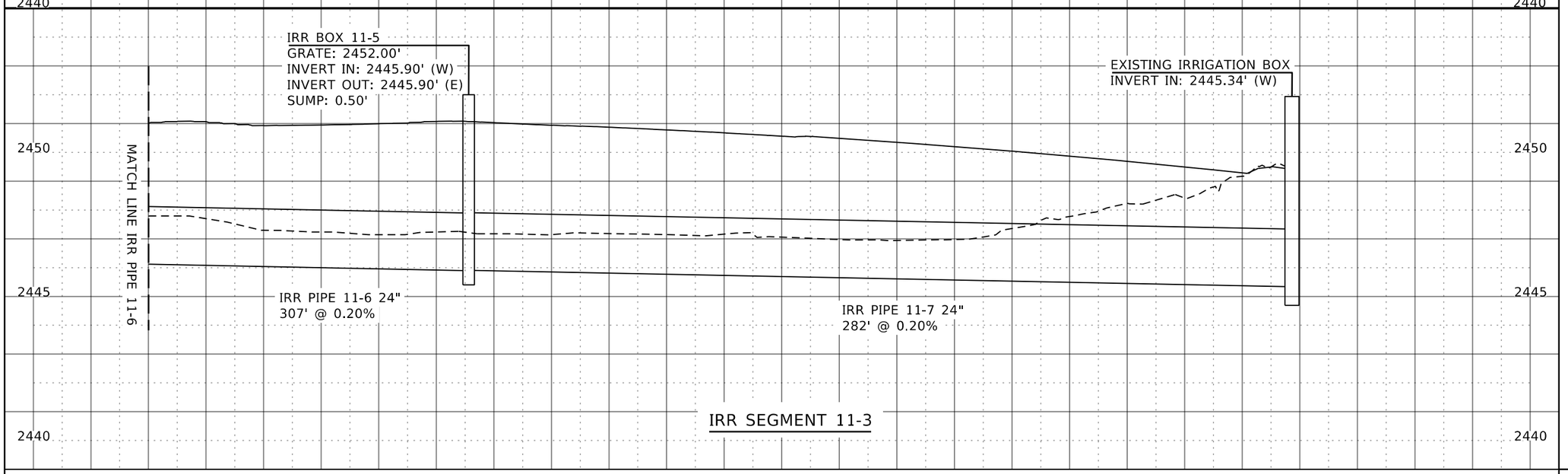
DRAWING CHECKED WPR	DRAWING DATE: March 06, 2024	Horrocks.

PROJECT NO.	IRRIGATION PROFILES	ENGLISH
A022(715)	SH-55, FARMWAY RD. TO MIDDLETON RD. FOR INFORMATION ONLY	COUNTY CANYON KEY NUMBER 22715 SHEET 550 OF 1145

NOT APPROVED
FINAL DESIGN FOR CONSTRUCTION





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR
DESIGN CHECKED LTK
DETAILED JMJ
DRAWING CHECKED WPR

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 22715 Irr Prof.DGN
DRAWING DATE: March 06, 2024

IDAHO TRANSPORTATION DEPARTMENT
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
Horrocks.

PROJECT NO.
A022(715)

IRRIGATION PROFILES
SH-55, FARMWAY RD. TO MIDDLETON RD.
FOR INFORMATION ONLY

ENGLISH
COUNTY CANYON
KEY NUMBER 22715
SHEET 551 OF 1145

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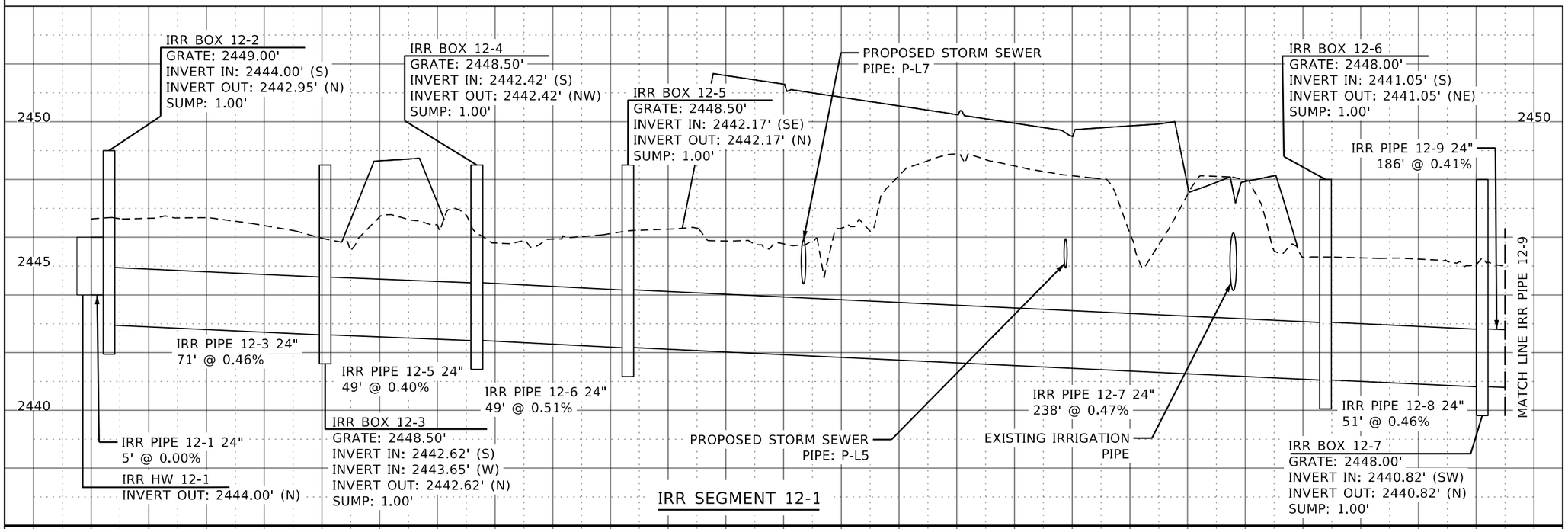
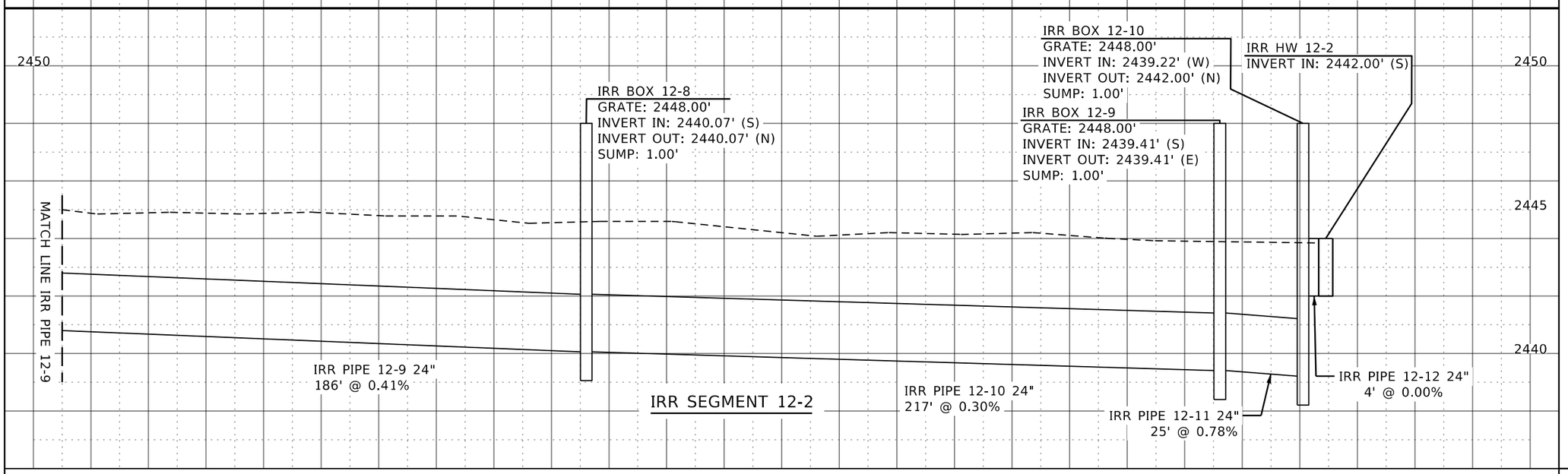
FINAL DESIGN FOR CONSTRUCTION





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity Horrocks.	PROJECT NO.
DESIGN CHECKED LTK			A022(715)
DETAILED JMJ	CADD FILE NAME 22715 Irr Prof.DGN		
DRAWING CHECKED WPR	DRAWING DATE: March 06, 2024		

IRRIGATION PROFILES

SH-55, FARMWAY RD. TO MIDDLETON RD.

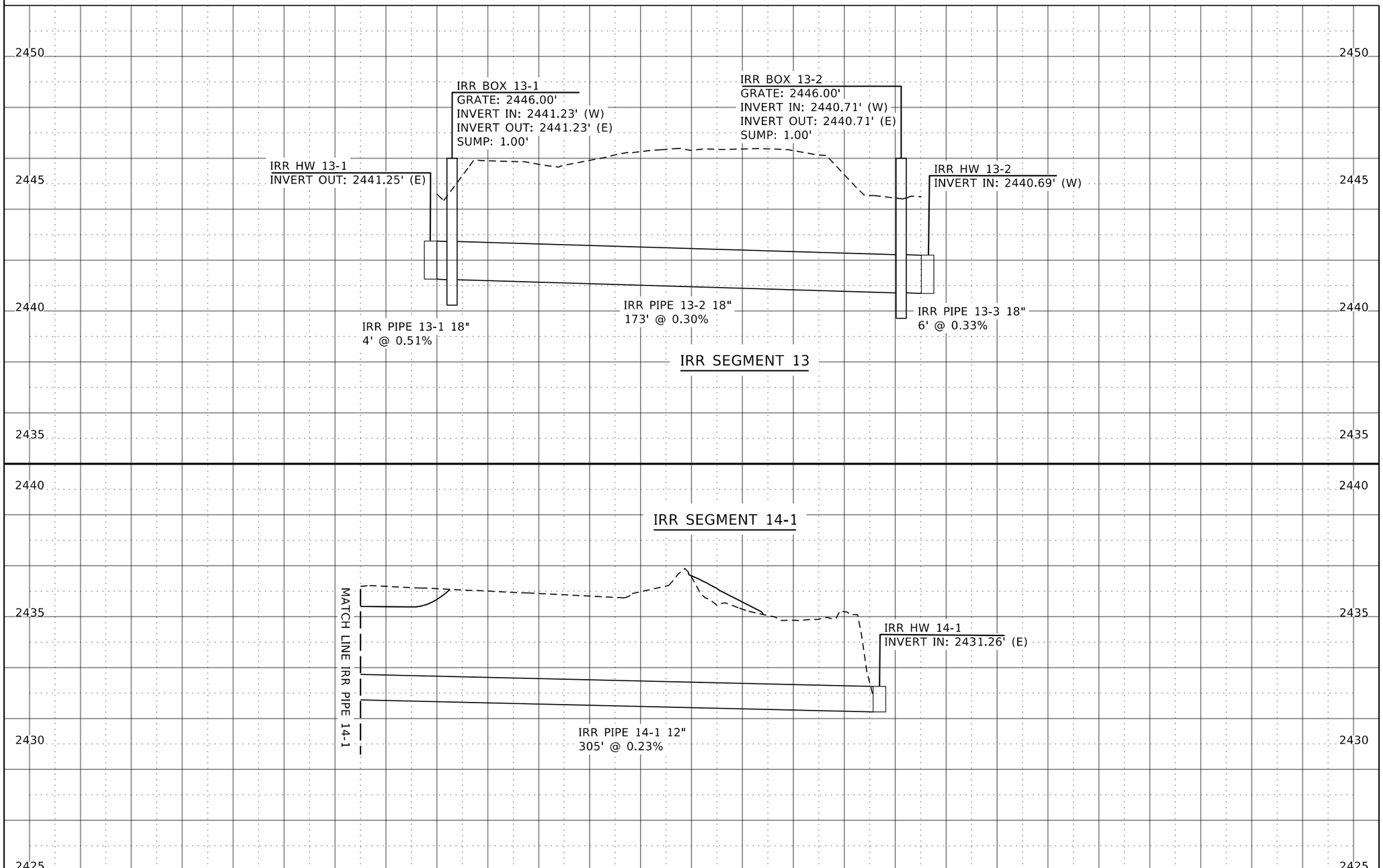
FOR INFORMATION ONLY

ENGLISH

COUNTY CANYON

KEY NUMBER 22715

SHEET 552 OF 1145



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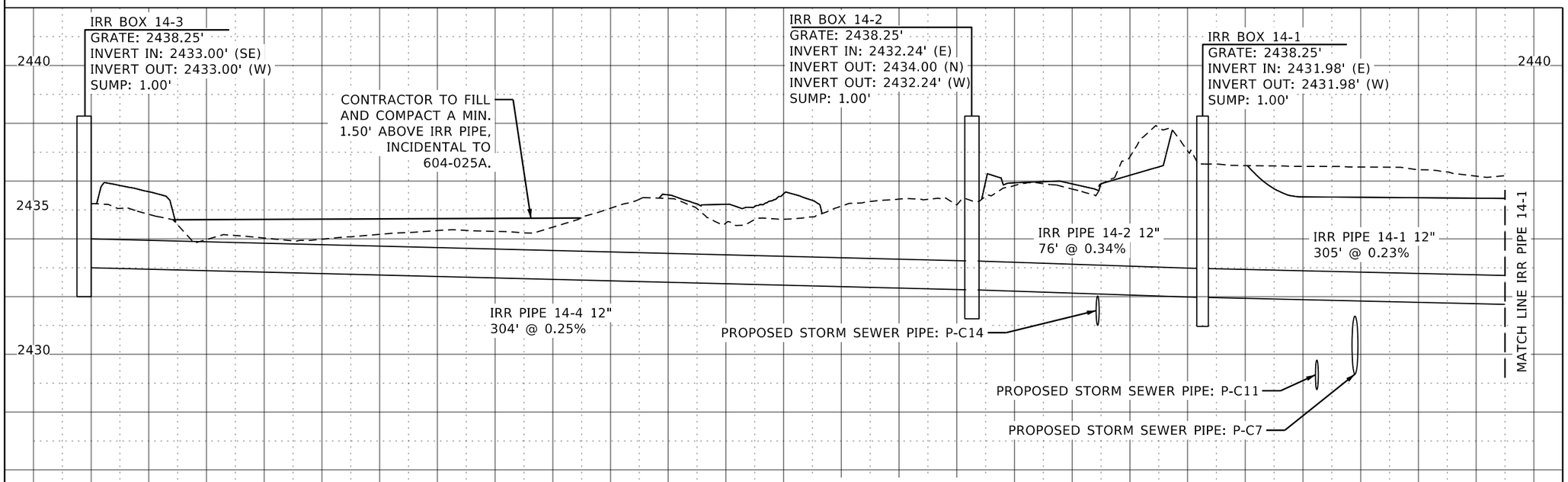
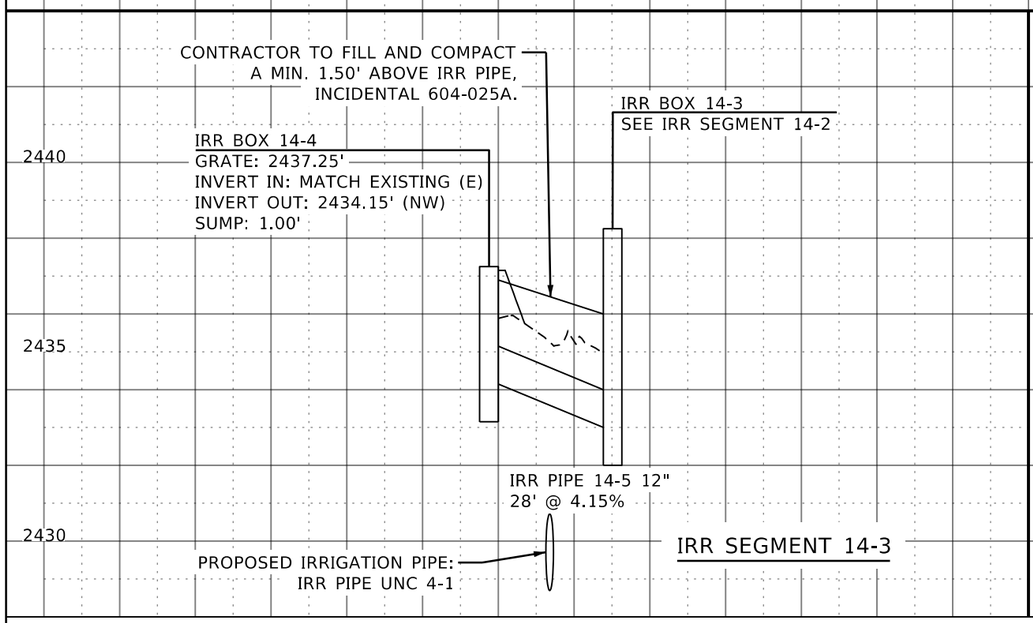
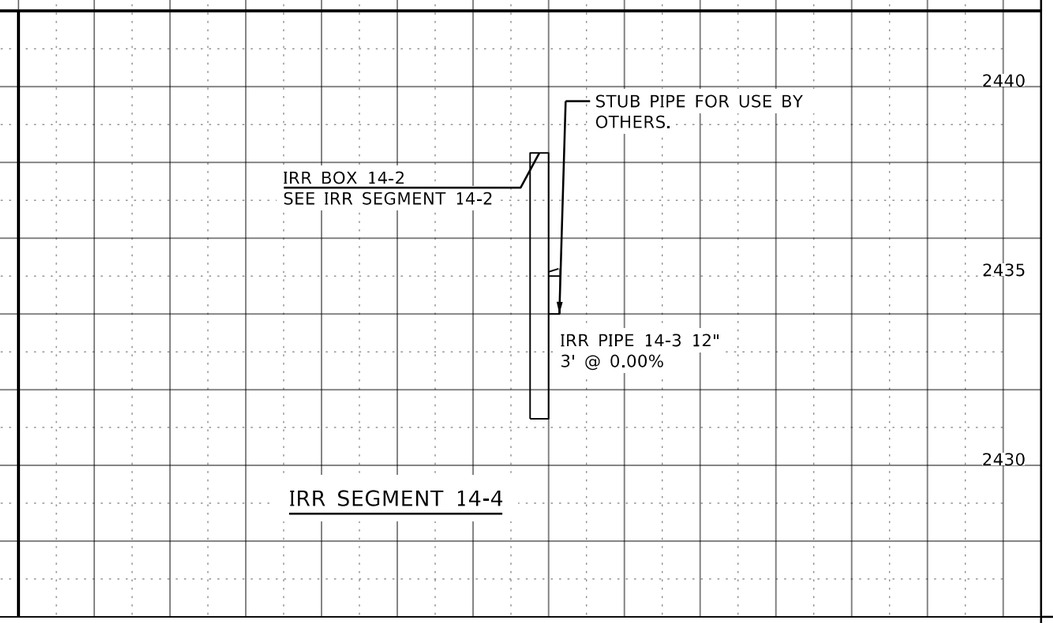
PROJECT NO.	IRRIGATION PROFILES	ENGLISH
A022(715)	SH-55, FARMWAY RD. TO MIDDLETON RD. FOR INFORMATION ONLY	COUNTY CANYON KEY NUMBER 22715 SHEET 553 OF 1145

NOT APPROVED
FINAL DESIGN FOR CONSTRUCTION







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PROJECT NO.	IRRIGATION PROFILES	ENGLISH
A022(715)	SH-55, FARMWAY RD. TO MIDDLETON RD. FOR INFORMATION ONLY	COUNTY CANYON KEY NUMBER 22715 SHEET 554 OF 1145

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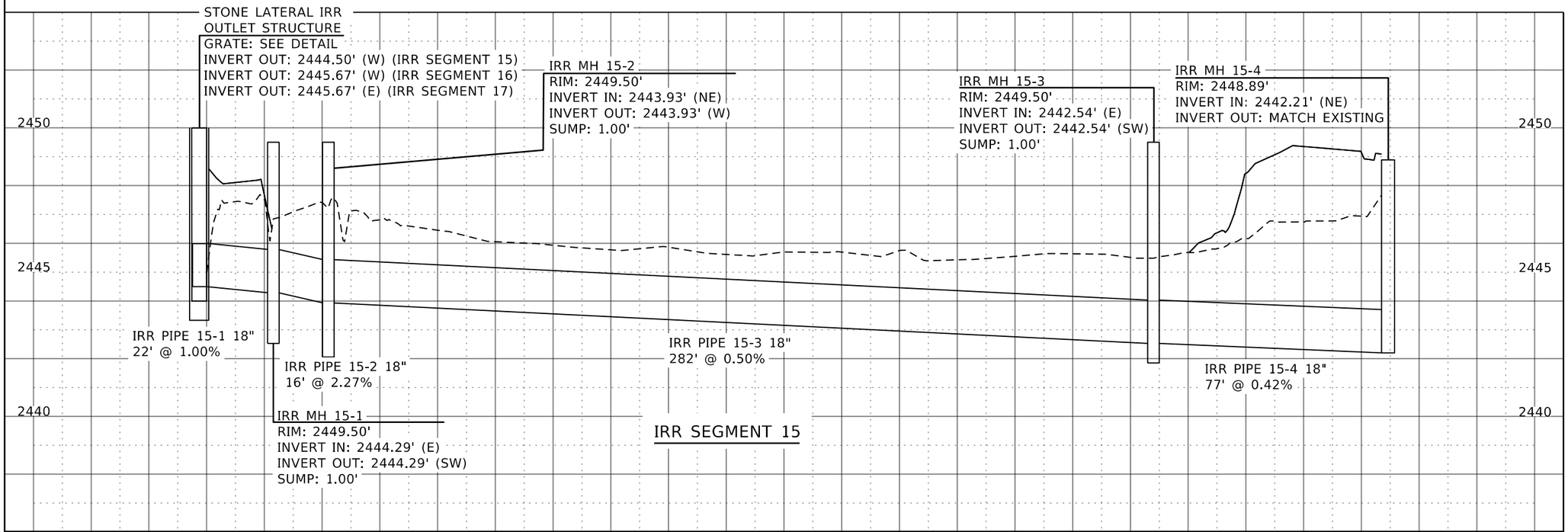
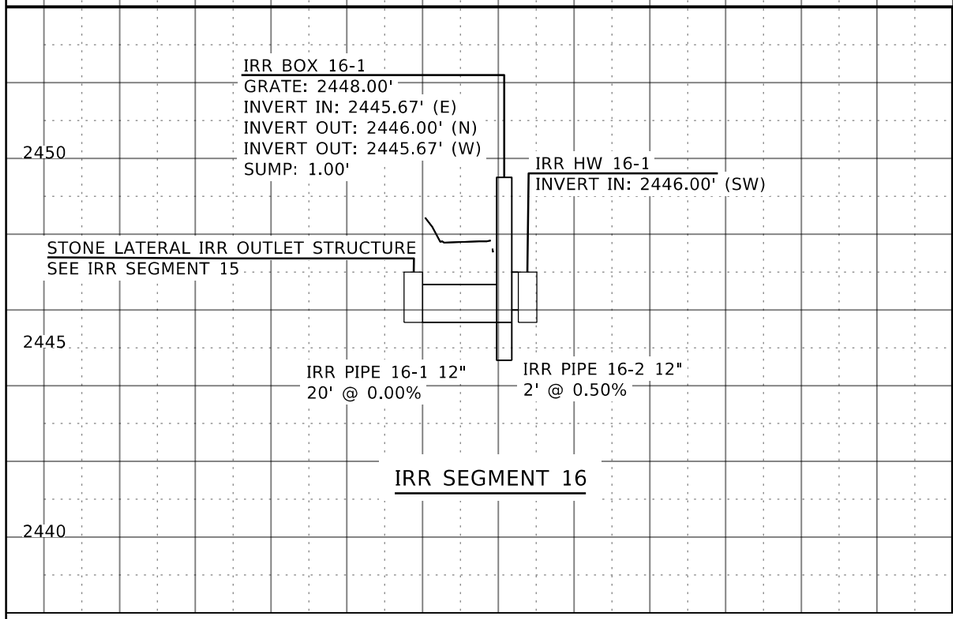
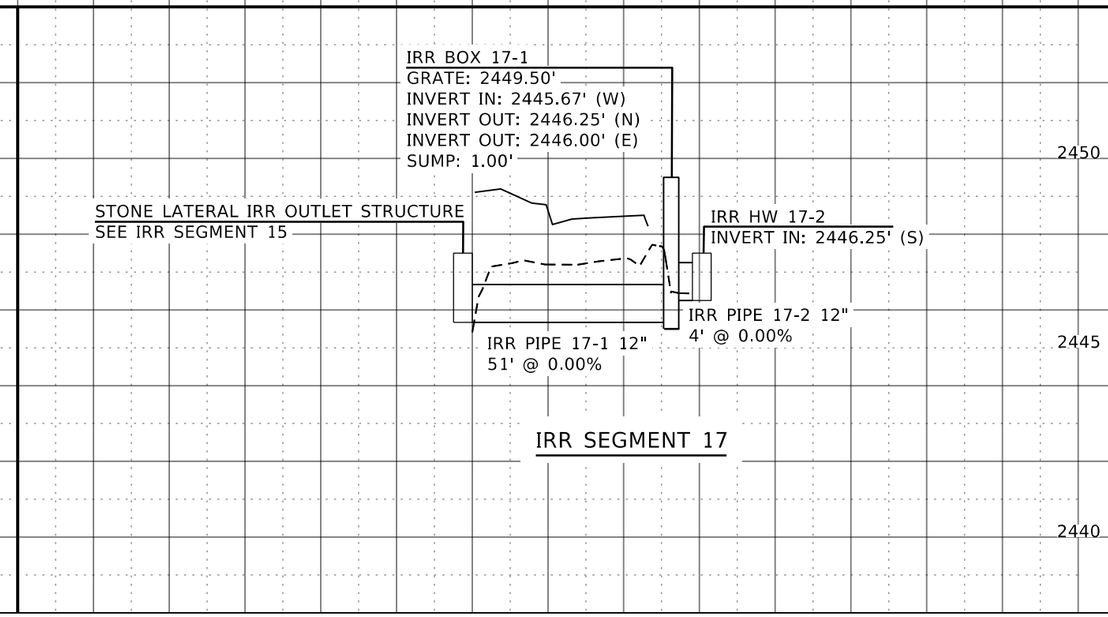




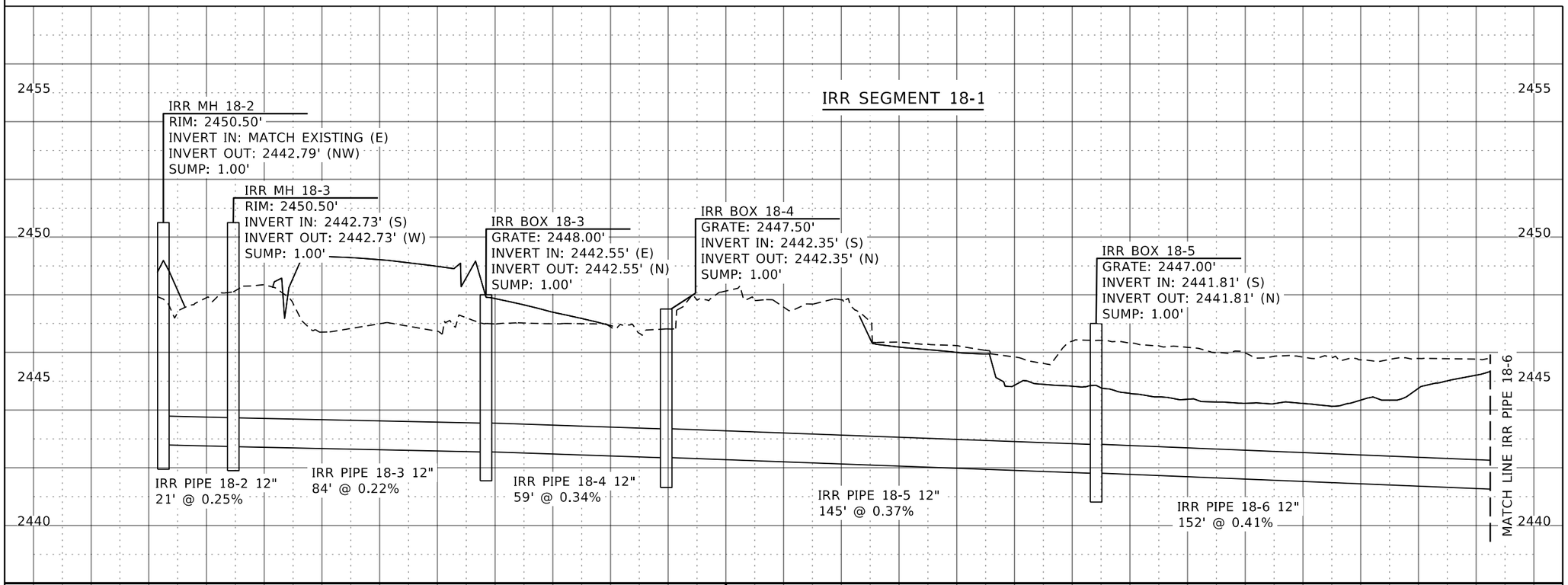


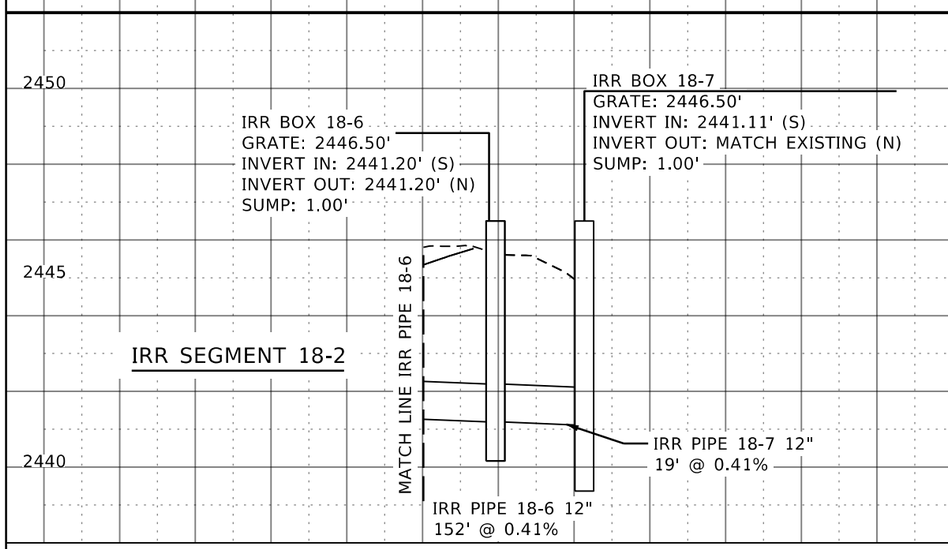
REVISIONS			
NO.	DATE	BY	DESCRIPTION

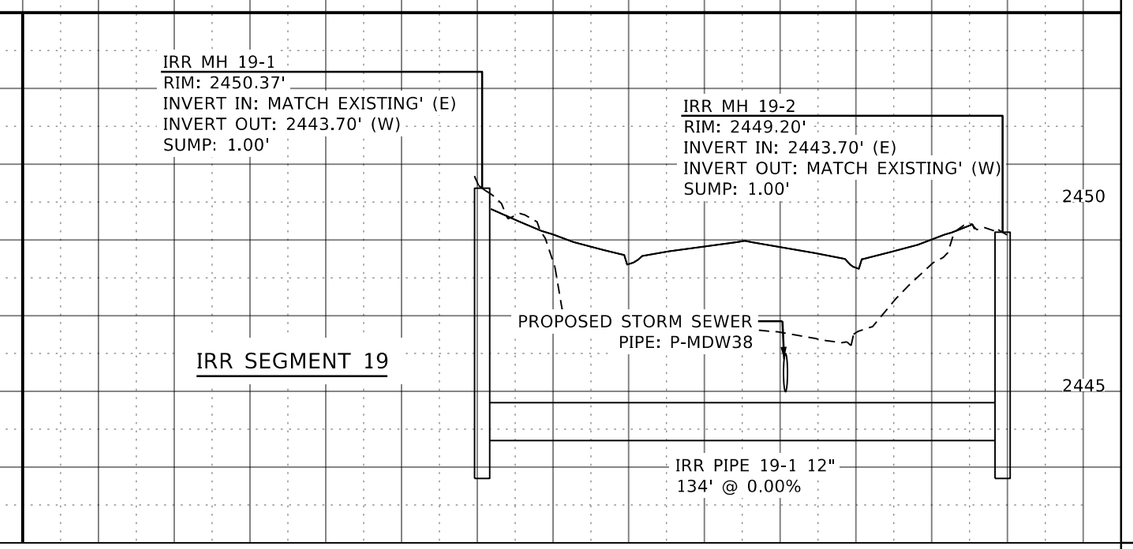
DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
DESIGN CHECKED LTK		
DETAILED JMJ	CADD FILE NAME 22715 Irr Prof.DGN	Horrocks.
DRAWING CHECKED WPR	DRAWING DATE: March 06, 2024	

PROJECT NO.	IRRIGATION PROFILES	ENGLISH
A022(715)	SH-55, FARMWAY RD. TO MIDDLETON RD. FOR INFORMATION ONLY	COUNTY CANYON KEY NUMBER 22715 SHEET 555 OF 1145

NOT APPROVED
FINAL DESIGN FOR CONSTRUCTION





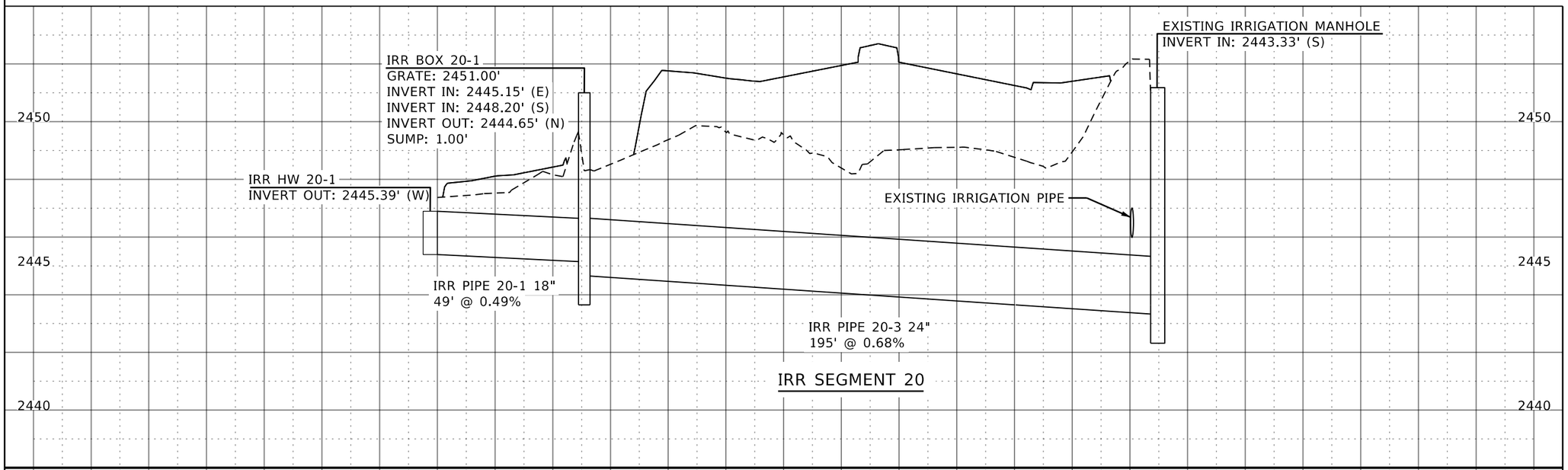


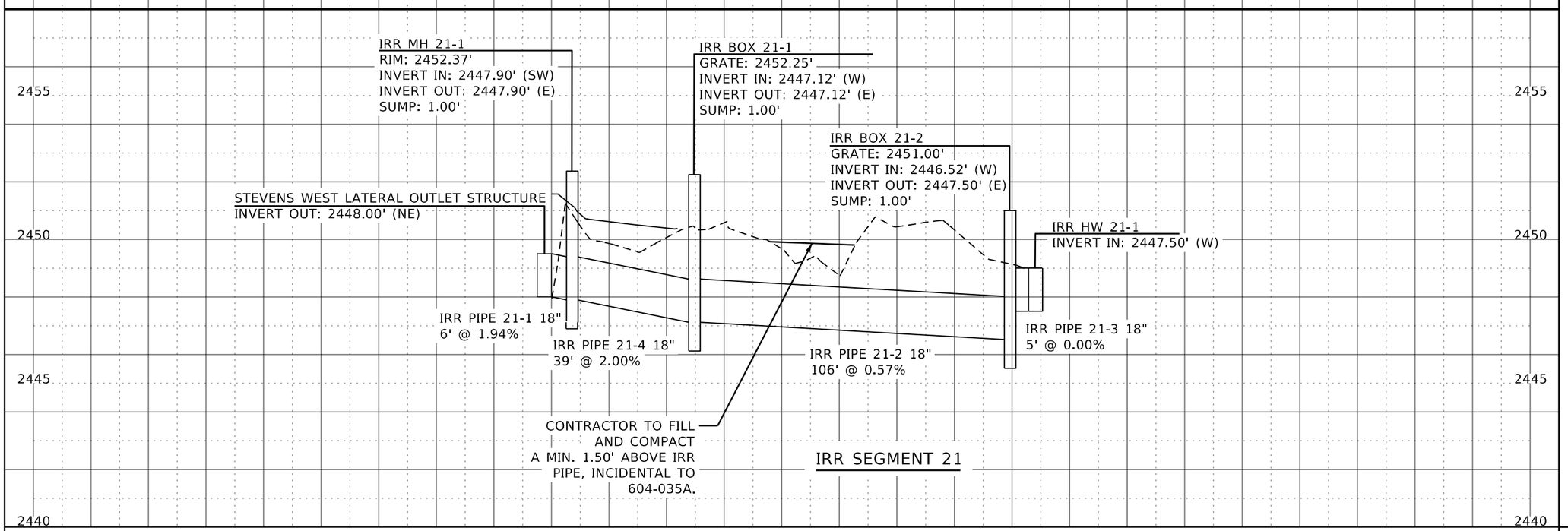
REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
DESIGN CHECKED LTK		
DETAILED JMJ	CADD FILE NAME 22715 Irr Prof.DGN	
DRAWING CHECKED WPR	DRAWING DATE: March 06, 2024	Horrocks.

PROJECT NO.	IRRIGATION PROFILES	ENGLISH
A022(715)	SH-55, FARMWAY RD. TO MIDDLETON RD. FOR INFORMATION ONLY	COUNTY CANYON KEY NUMBER 22715 SHEET 556 OF 1145

NOT APPROVED
FINAL DESIGN FOR CONSTRUCTION





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
DESIGN CHECKED LTK		
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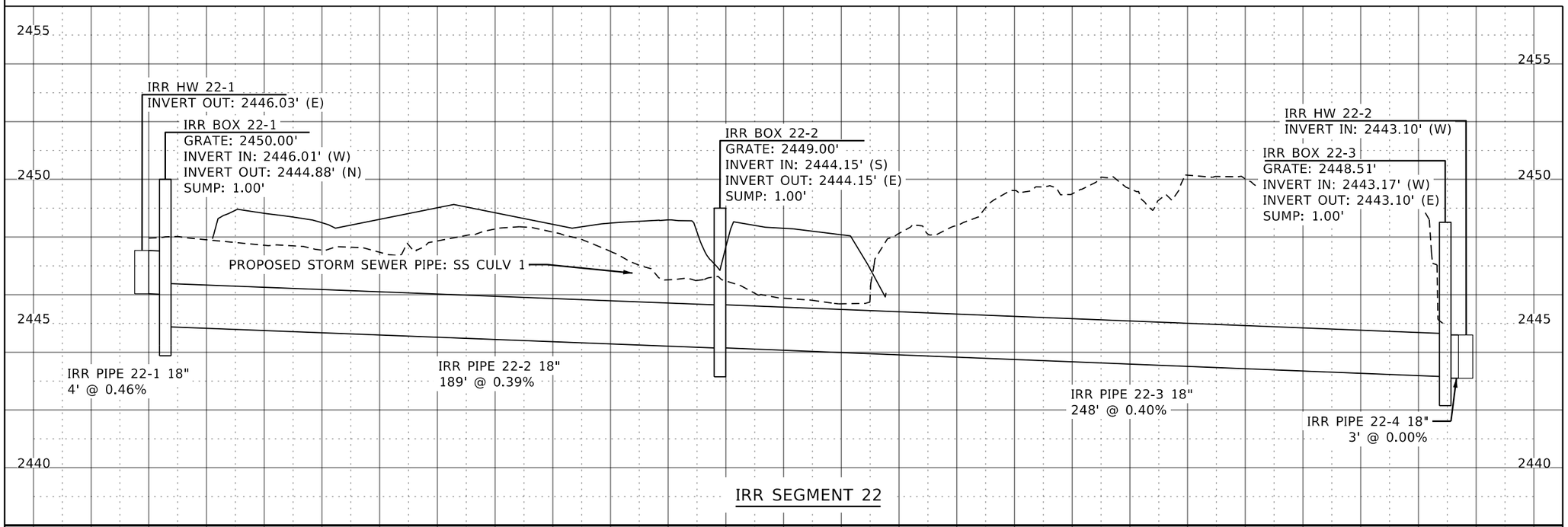
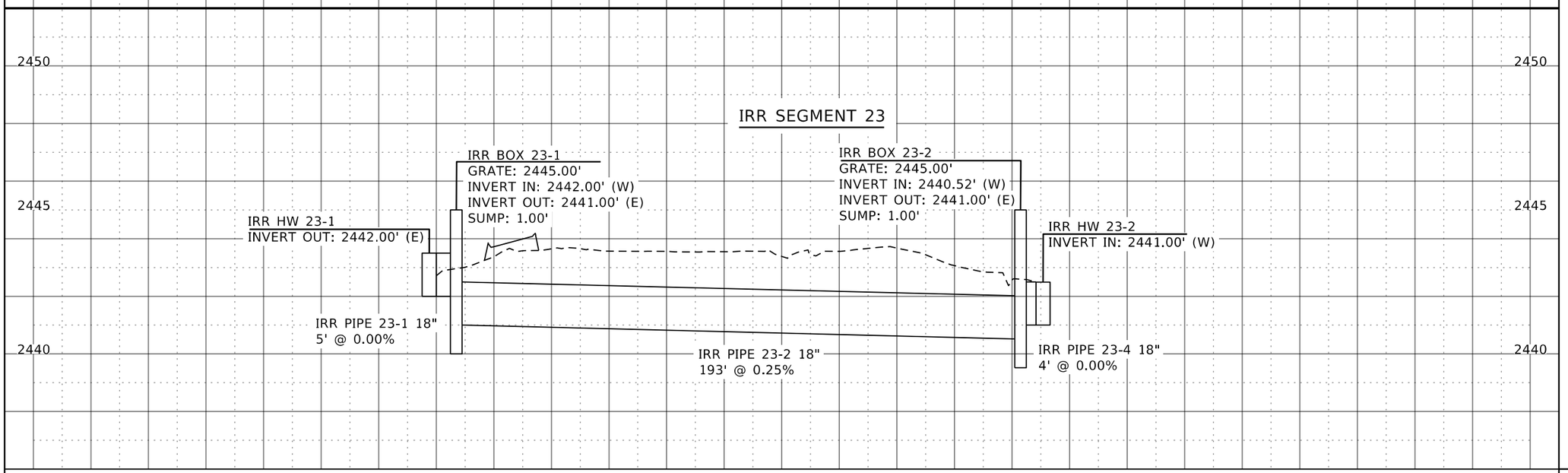
PROJECT NO.	IRRIGATION PROFILES	ENGLISH
A022(715)	SH-55, FARMWAY RD. TO MIDDLETON RD. FOR INFORMATION ONLY	COUNTY CANYON KEY NUMBER 22715 SHEET 557 OF 1145

NOT APPROVED
FINAL DESIGN FOR CONSTRUCTION



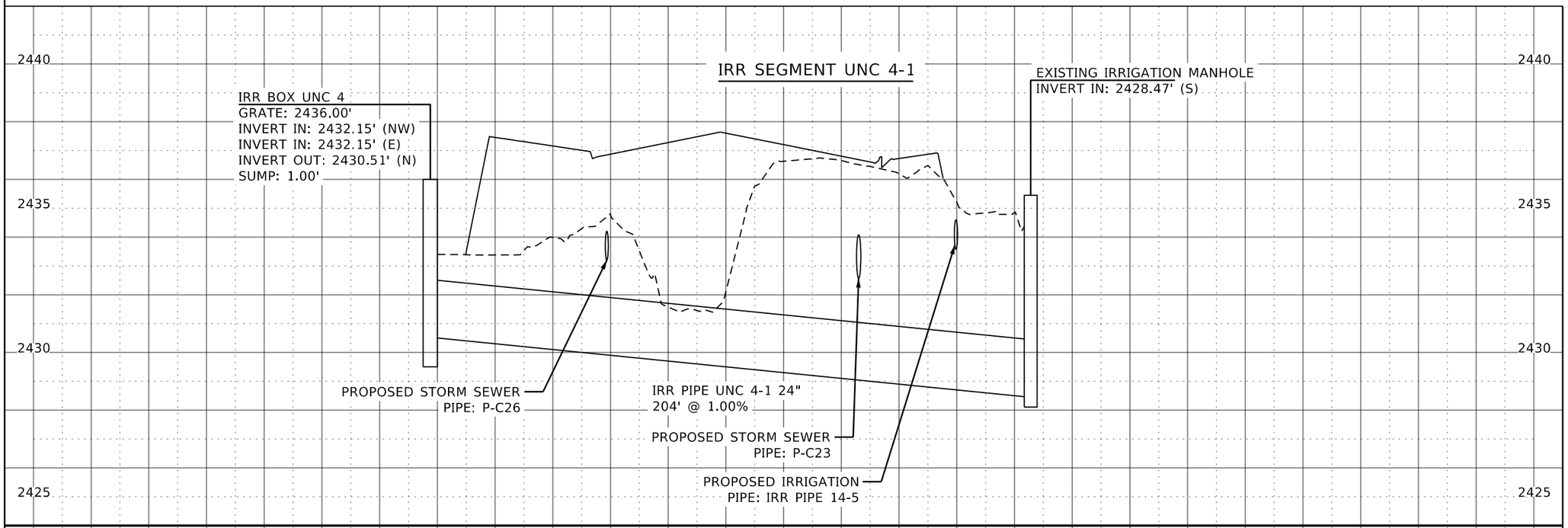


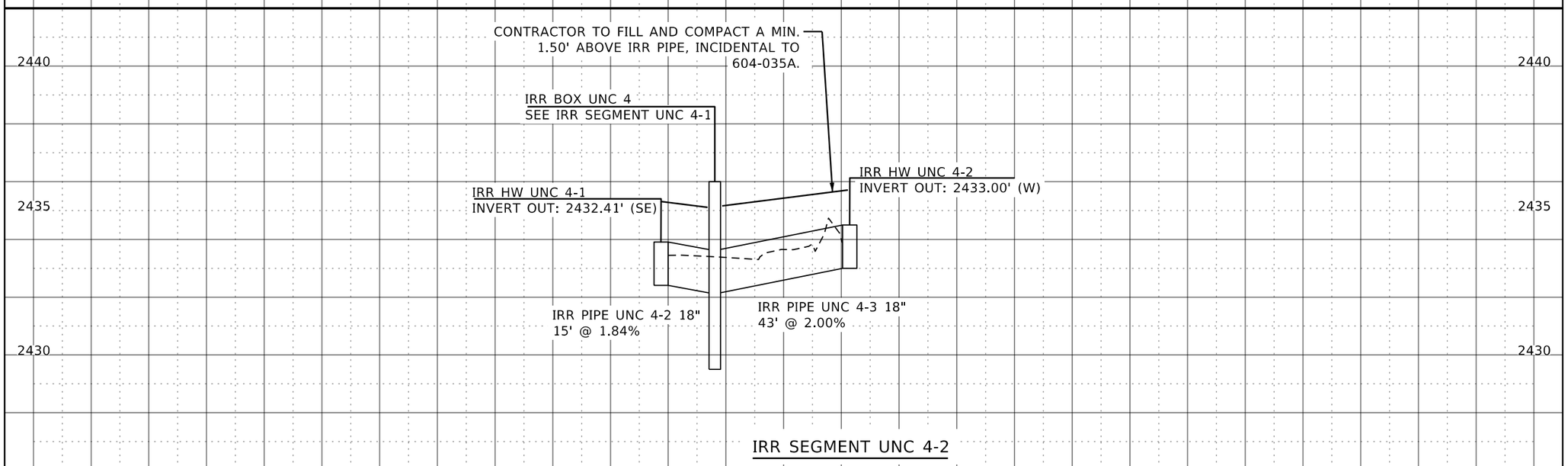
REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
DESIGN CHECKED LTK		
DETAILED JMJ	CADD FILE NAME 22715 Irr Prof.DGN	Horrocks.
DRAWING CHECKED WPR	DRAWING DATE: March 06, 2024	

PROJECT NO.	IRRIGATION PROFILES	ENGLISH
A022(715)	SH-55, FARMWAY RD. TO MIDDLETON RD. FOR INFORMATION ONLY	COUNTY CANYON KEY NUMBER 22715 SHEET 558 OF 1145

NOT APPROVED
FINAL DESIGN FOR CONSTRUCTION



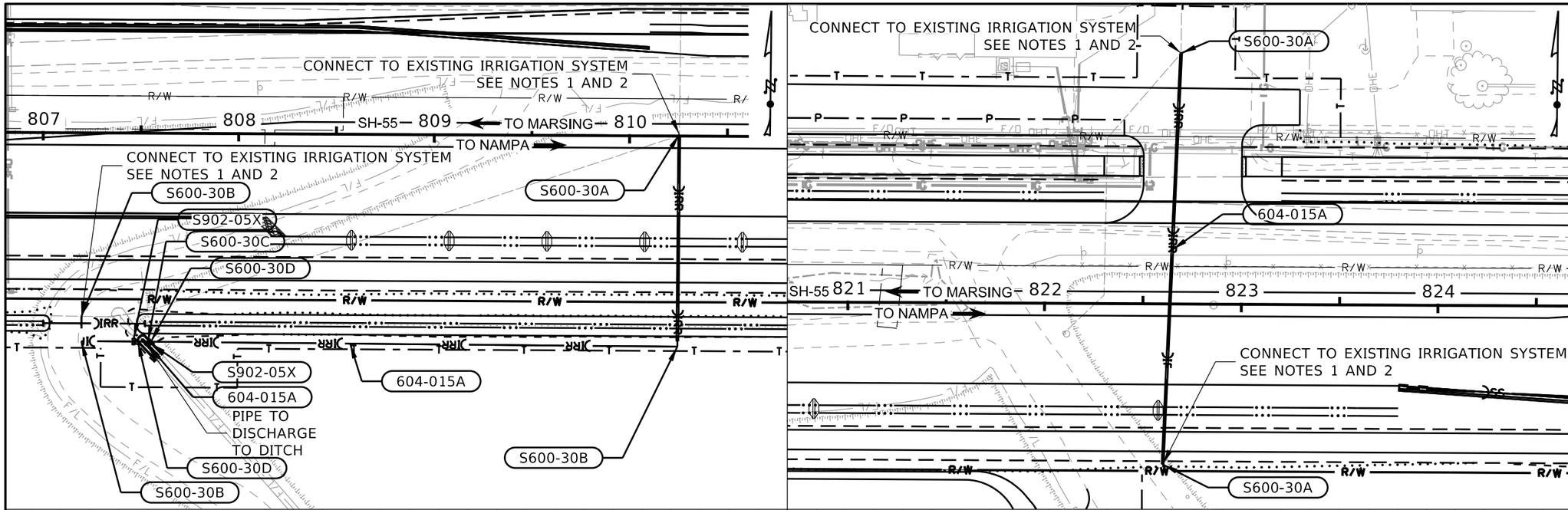


REVISIONS			
NO.	DATE	BY	DESCRIPTION

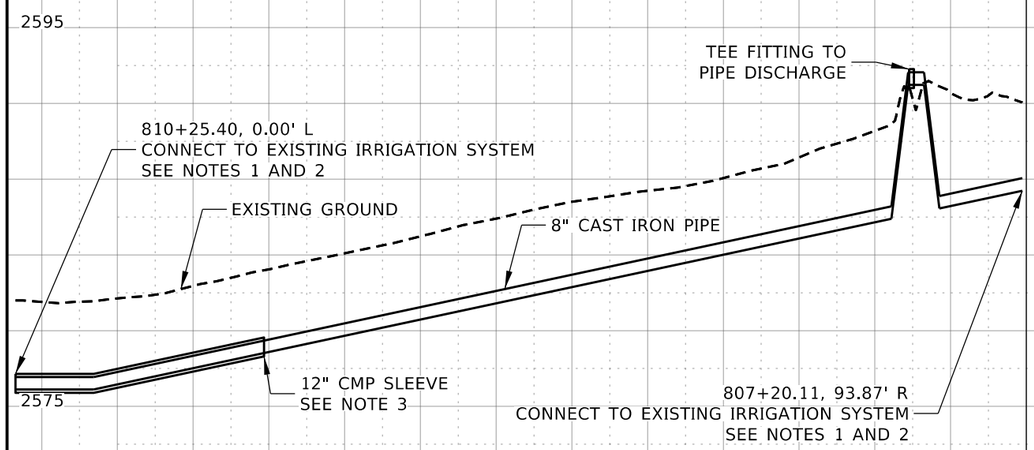
DESIGNED MJS/SLK/WPR	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
DESIGN CHECKED LTK		
DETAILED JMJ	CADD FILE NAME 22715 Irr Prof.DGN	
DRAWING CHECKED WPR	DRAWING DATE: March 06, 2024	Horrocks.

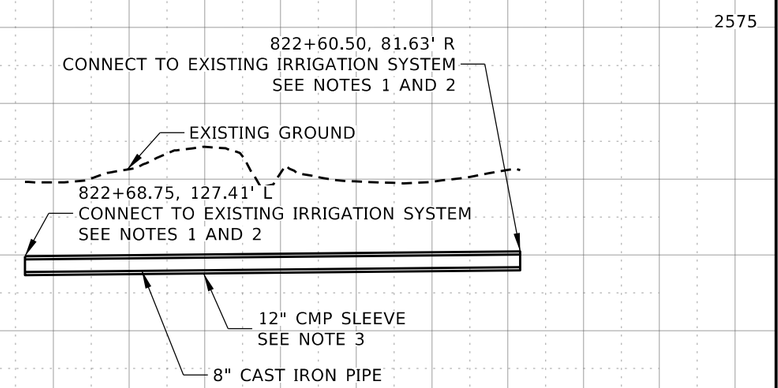
PROJECT NO.	IRRIGATION PROFILES	ENGLISH
A022(715)	SH-55, FARMWAY RD. TO MIDDLETON RD. FOR INFORMATION ONLY	COUNTY CANYON KEY NUMBER 22715 SHEET 559 OF 1145

NOT APPROVED
FINAL DESIGN FOR CONSTRUCTION



604-015A	**8" IRRIGATION PIPE**
426.00 FT	807+20.11 (93.87' R) - 810+25.40 (0.00' L)
3.00 FT	807+54.18 (108.75' R) - 807+54.19 (106.68' R)
210.00 FT	822+60.50 (81.63' R) - 822+68.75 (127.41' L)
S600-30A	**PIPE FITTING (COUPLER)**
1.00 EA	810+25.40 (0.00' L)
1.00 EA	822+60.50 (81.63' R)
1.00 EA	822+68.75 (127.41' L)
S600-30B	**PIPE FITTING (90° ELBOW)**
1.00 EA	807+20.06 (106.54' R)
1.00 EA	807+20.11 (93.87' R)
1.00 EA	810+24.96 (107.78' R)
S600-30C	**PIPE FITTING (TEE)**
1.00 EA	807+54.19 (106.68' R)
S600-30D	**PIPE FITTING (45° ELBOW)**
1.00 EA	807+48.95 (106.66' R)
1.00 EA	807+55.62 (106.69' R)
S902-05X	**WATER VALVE**
1.00 EA	807+46.85 (106.65' R)
1.00 EA	807+54.18 (107.64' R)





SCALE (1" = 64')
32 0 32 64

NOTES:

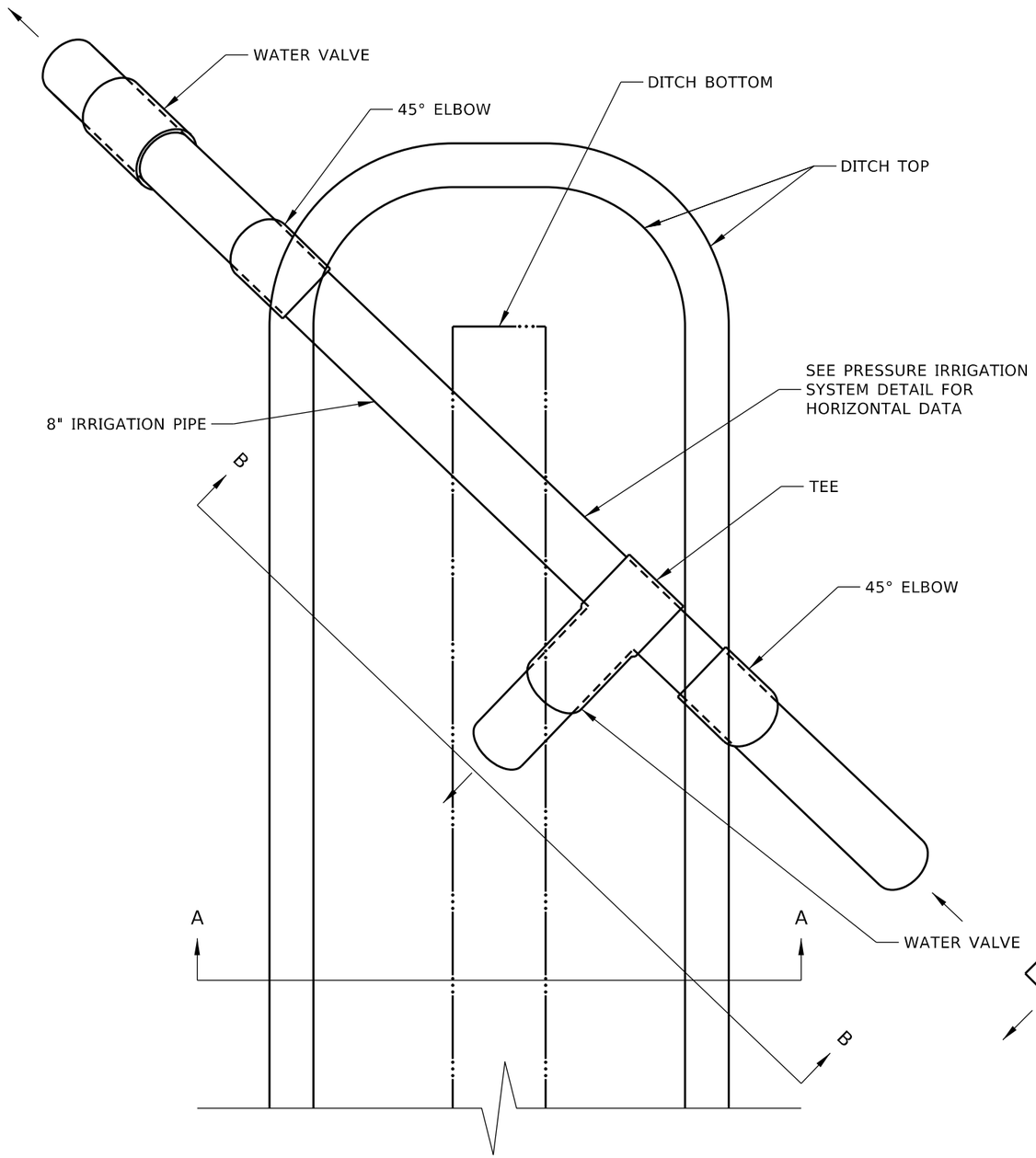
1. CONTRACTOR TO FIELD VERIFY LOCATION AND ELEVATION OF MATCHING IRRIGATION PIPE. CONTRACTOR TO ATTACH PROPOSED PIPE USING AN APPROVED METHOD. DETAIL SHOWN IS AN APPROXIMATION.
2. EXPLORATORY EXCAVATION AND POTHOLING REQUIRED TO LOCATE EXISTING IRRIGATION PIPES ARE INCIDENTAL TO 604-015A.
3. CMP SLEEVES ARE INCIDENTAL TO 604-015A.
4. BOTTOM LIP OF PIPE DISCHARGE TO HAVE 2" CLEARANCE FROM DITCH BOTTOM.

NOT APPROVED
FINAL DESIGN
FOR CONSTRUCTION

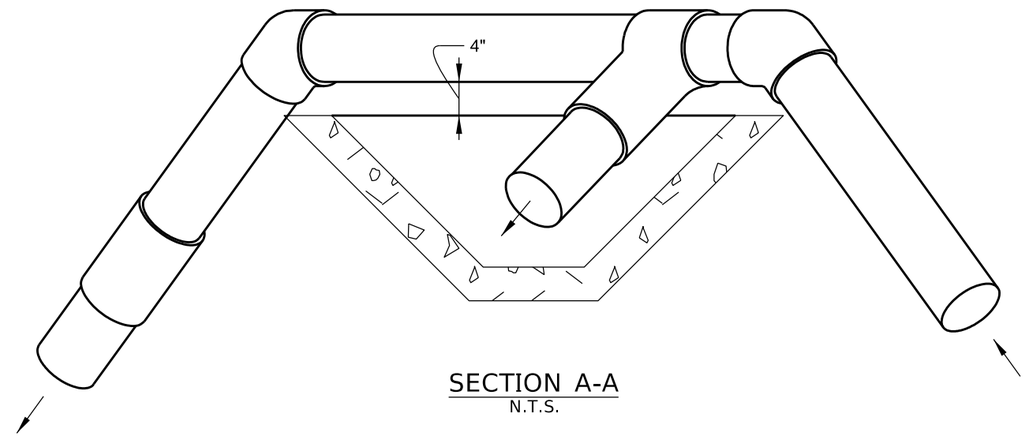
REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MJS	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity Horrocks.
DESIGN CHECKED WPR		
DETAILED MJS	CADD FILE NAME 22715 PIRR.DGN	
DRAWING CHECKED WPR	DRAWING DATE: 2-APR-2024	

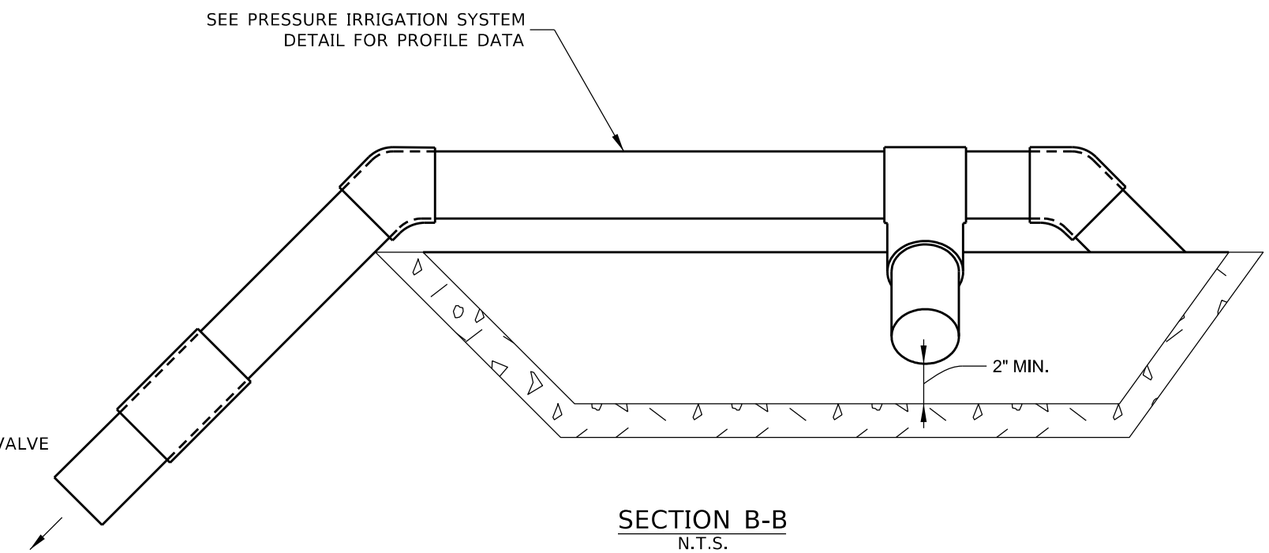
PROJECT NO.	IRRIGATION DETAILS	ENGLISH
A022(715)	SH-55, FARMWAY RD. TO MIDDLETON RD. PRESSURE IRRIGATION SYSTEMS FOR INFORMATION ONLY	COUNTY CANYON KEY NUMBER 22715 SHEET 594 OF 1151



PLAN
N.T.S.



SECTION A-A
N.T.S.



SECTION B-B
N.T.S.

NOTES:

1. WATER VALVE TYPES ARE NOT SHOWN. CONTRACTOR MUST DESIGN AND SUBMIT SHOP DRAWINGS STAMPED BY A PROFESSIONAL ENGINEER FOR REVIEW AND APPROVAL BY ENGINEER OF RECORD PRIOR TO INSTALLATION.
2. WATER VALVE LOCATIONS MAY BE ADJUSTED IN THE FIELD.
3. INSTALL PIPE IN ACCORDANCE WITH SECTION 604 OF ITD'S "2023 STANDARD SPECFICATIONS FOR HIGHWAY CONSTRUCTION".
4. COORDINATE SYSTEM INSTALLATION WITH PROPERTY OWNER AND ENSURE CONFIGURATION IS SATISFACTORY WITH PROPERTY OWNER'S REQUIREMENTS.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	LTK
DESIGN CHECKED	WPR
DETAILED	JMJ
DRAWING CHECKED	WPR

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME 22715 IRR19.DGN

DRAWING DATE: 2-APR-2024

IDAHO TRANSPORTATION DEPARTMENT
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

Horrocks.

PROJECT NO.
A022(715)

IRRIGATION DETAILS
SH-55, FARMWAY RD. TO MIDDLETON RD.
PRESSURE IRRIGATION CONFIGURATION
FOR INFORMATION ONLY

ENGLISH

COUNTY CANYON

KEY NUMBER 22715

SHEET 595 OF 1151

NOT APPROVED
FINAL DESIGN
FOR CONSTRUCTION