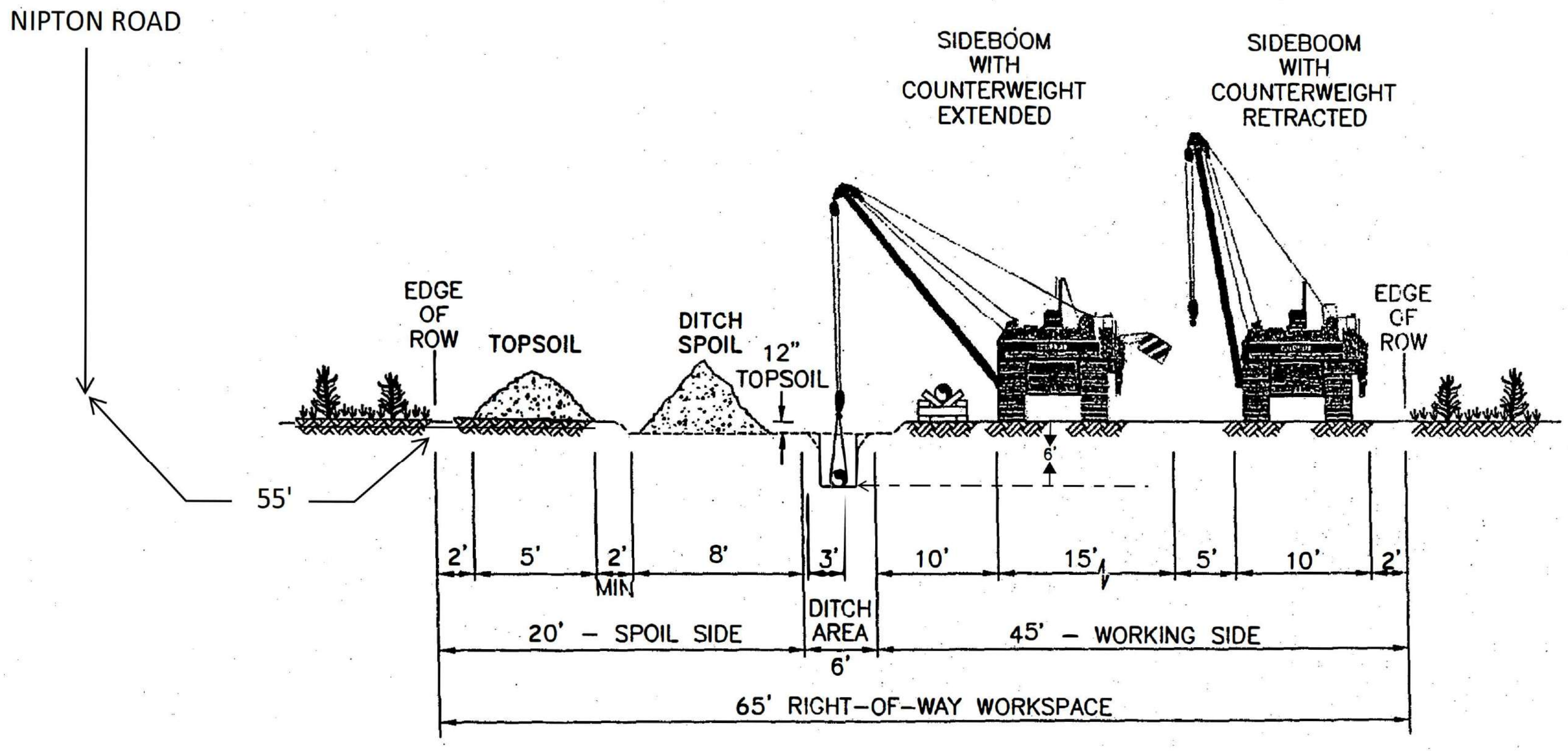
APPENDIX F

Proposed Water Line - Preliminary Engineered Drawings and Schematic

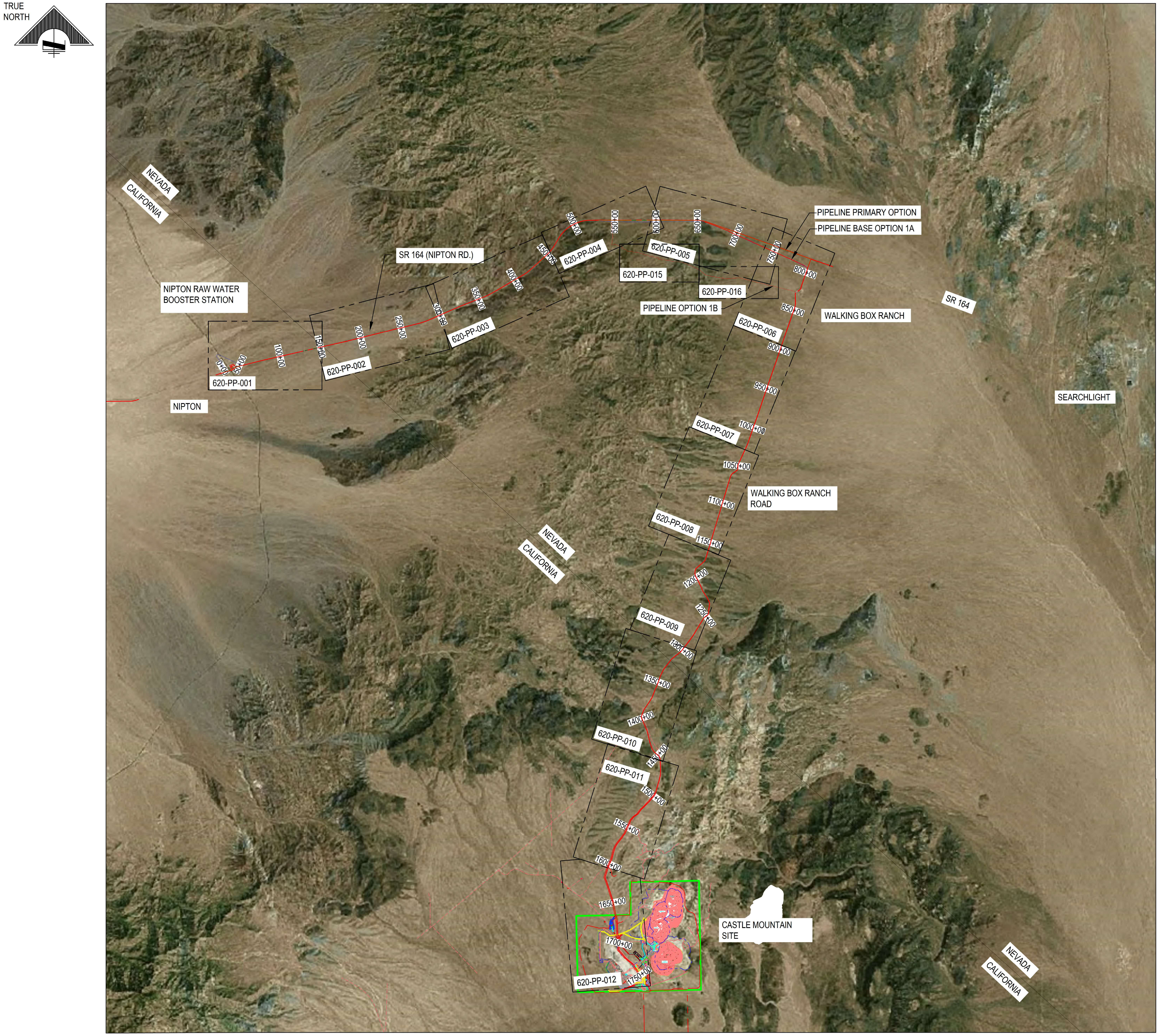


0' 5' 10' 15'

SCALE: 1"=10'-0"

*Vertical distances are exaggerated

CROSS SECTION
OF
RECOMMENDED CONSTRUCTION ROW WIDTH
8" TO 16" PIPE DIAMETER



OVERALL PLAN

SCALE: 1" = 5000'

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EQUINOXGOLD
CASTLE MOUNTAIN VENTURE

REFERENCES		REFERENCES	
DWG. NO.	TITLE	DWG. NO.	TITLE

REVISIONS						REVISIONS					
NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT	NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT

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CASTLE MOUNTAIN PHASE TWO EXPANSION

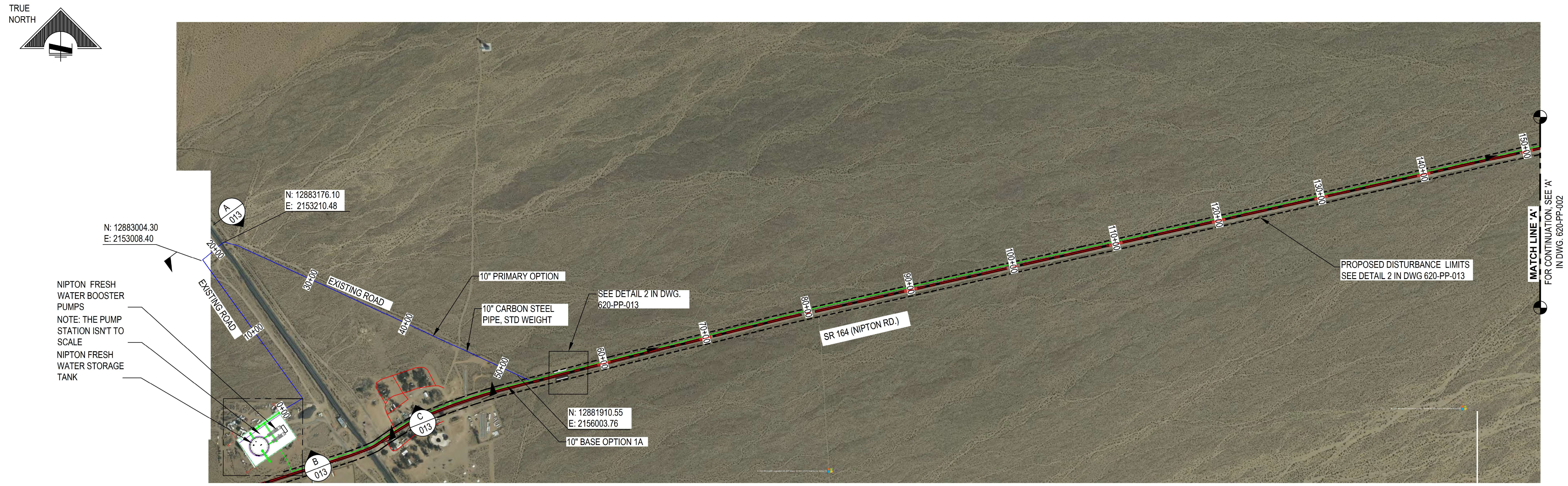
WATER SUPPLY. STOR. & DIST.
PIPING
IVANPAH WATER PIPELINE
OVERALL PLAN

PROJECT NO. M3-PN190397.014

DWG NO.
620-PP-000

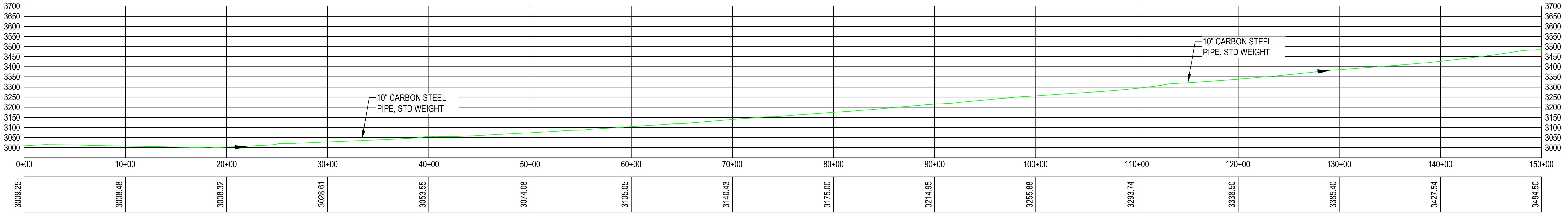
REV NO.	DATE
P3	13 MAY 22

File: P:\2019\190397\190397.014\500 ENGR\540 Piping\540.3 Dwgs\620-PP-000 Rev P3.dwg LAST UPDATE: 6/6/2022 4:10 PM BY: JUAN.VALENCIA



PLAN

SCALE: 1" = 500'



PROFILE

SCALE: 1" = 500'

NOTES:

1. DIMENSIONS ARE IN FEET.
2. ELEVATIONS ARE IN FEET.
3. CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO ORDERING MATERIALS OR INITIALIZING WORK.
4. ALL PIPING AND VALVES SHALL COMPLY WITH SPECIFICATION 190397-4601.
5. ALL PIPING INSTALLATION SHALL COMPLY WITH SPECIFICATION 190397-4602, 190397-4616, 190397-4618.
6. PIPE SHALL BE BURIED 2' - 6" TO TOP OF PIPE UNDER ROAD CROSSINGS.
7. AVR VALVES SHALL BE INSULATED. SEE DETAIL 6 AND TABLE 1 FOR LOCATION IN 620-PP-013. LOCATION SHALL BE VERIFIED BY FIELD ENGINEER SUPERVISOR TO ENSURE IT IS PLACED AT HIGH POINT.
8. PROFILE VERTICAL SCALE IS 1:2.

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500' 250' 0' 500' 1000'
SCALE IN FEET

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CASTLE MOUNTAIN PHASE TWO EXPANSION

WATER SUPPLY. STOR. & DIST. PIPING
IVANPAH WATER PIPELINE
PLAN/PROFILE SHEET 1

PROJECT NO. M3-PN190397.014

DWG NO.
620-PP-001

REV NO.	DATE
P3	13 MAY 22

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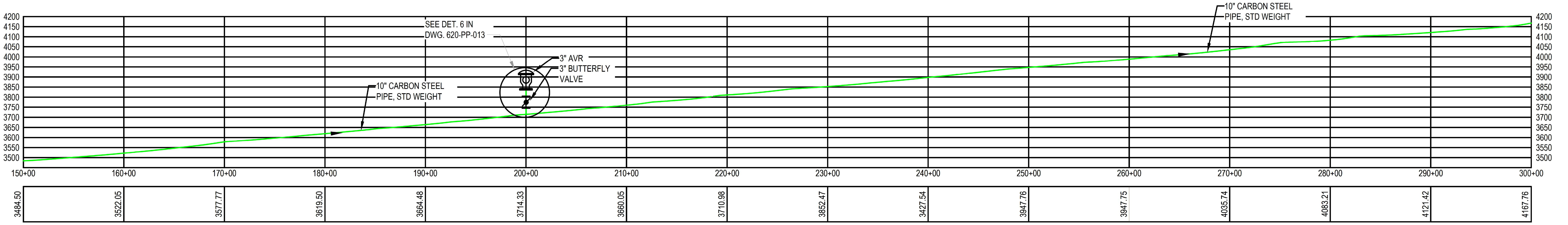
PLAN

SCALE: 1" = 500'



PROFILE

SCALE: 1" = 500'

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CASTLE MOUNTAIN PHASE TWO EXPANSION

WATER SUPPLY. STOR. & DIST.
PIPING
IVANPAH WATER PIPELINE
PLAN/PROFILE SHEET 2

PROJECT NO. M3-PN190397.014
DWG NO.
620-PP-002
REV NO. P3
DATE 13 MAY 22

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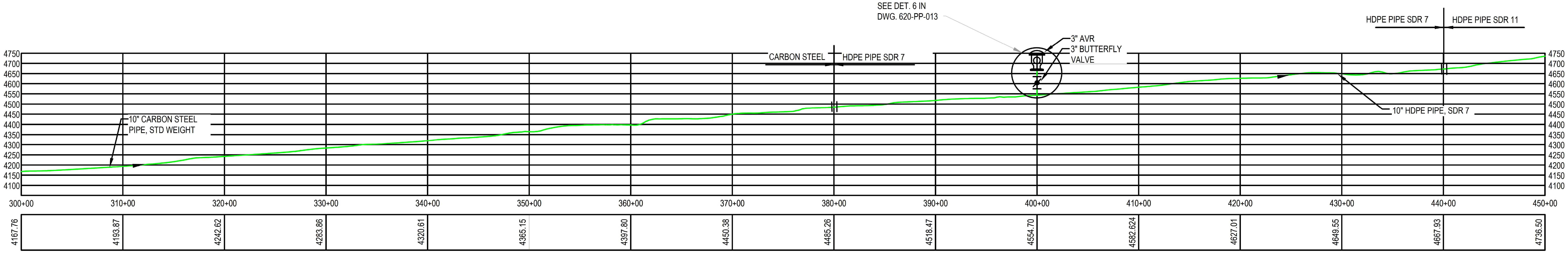
TRUE NORTH
MATCH LINE 'B'
FOR CONTINUATION, SEE 'B' IN DWG.620-PP-002
300+00
310+00
320+00
330+00
340+00
350+00
360+00
370+00
380+00
390+00
400+00
410+00
420+00
430+00
440+00
450+00
10" CARBON STEEL PIPE, STD WEIGHT
PROPOSED DISTURBANCE LIMITS SEE DETAIL 2 IN DWG 620-PP-013
SR 164 (NIPTON RD.)
CARBON STEEL
HDPE PIPE SDR 7
SEE DET. 4 IN DWG. 620-PP-013
ROAD CROSSING
SEE DET. 7 IN DWG. 620-PP-013
PROPOSED DISTURBANCE LIMITS SEE DETAIL 2 IN DWG 620-PP-013
10" HDPE PIPE, SDR 7
PROPOSED DISTURBANCE LIMITS SEE DETAIL 2 IN DWG 620-PP-013
10" PRIMARY OPTION
HDPE PIPE SDR 7
HDPE PIPE SDR 11
SEE DET. 5 IN DWG. 620-PP-013
10" HDPE PIPE, SDR 11
MATCH LINE 'C'
FOR CONTINUATION, SEE 'C' IN DWG. 620-PP-004

PLAN

SCALE: 1" = 500'



Station	Elevation
300+00	4167.76
310+00	4193.87
320+00	4242.62
330+00	4283.86
340+00	4320.61
350+00	4365.15
360+00	4397.80
370+00	4450.38
380+00	4485.26
390+00	4518.47
400+00	4554.70
410+00	4582.624
420+00	4627.01
430+00	4649.55
440+00	4667.93
450+00	4736.50

PROFILE

SCALE: 1" = 500'

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8. PROFILE VERTICAL SCALE IS 1:2.

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ORIGINAL SEALED DOCUMENT STAMPED BY
ARCHITECT OR ENGINEER OF RECORD

500' 250' 0' 500' 1000'
SCALE IN FEET

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PRELIMINARY
NOT FOR CONSTRUCTION

EQUINOX GOLD
CASTLE MOUNTAIN VENTURE

REFERENCES		REFERENCES		REVISIONS						REVISIONS					
DWG. NO.	TITLE	DWG. NO.	TITLE	NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT	NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT

		DATE
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DESIGNED BY	MPG	NOV 21
DRAWN BY	MPG	NOV 21
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PROJECT MGR		
CLIENT APPR.		

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CASTLE MOUNTAIN PHASE TWO EXPANSION

WATER SUPPLY. STOR. & DIST. PIPING
IVANPAH WATER PIPELINE
PLAN/PROFILE SHEET 3

PROJECT NO. M3-PN190397.014
DWG NO. **620-PP-003**
REV NO. P3
DATE 13 MAY 22

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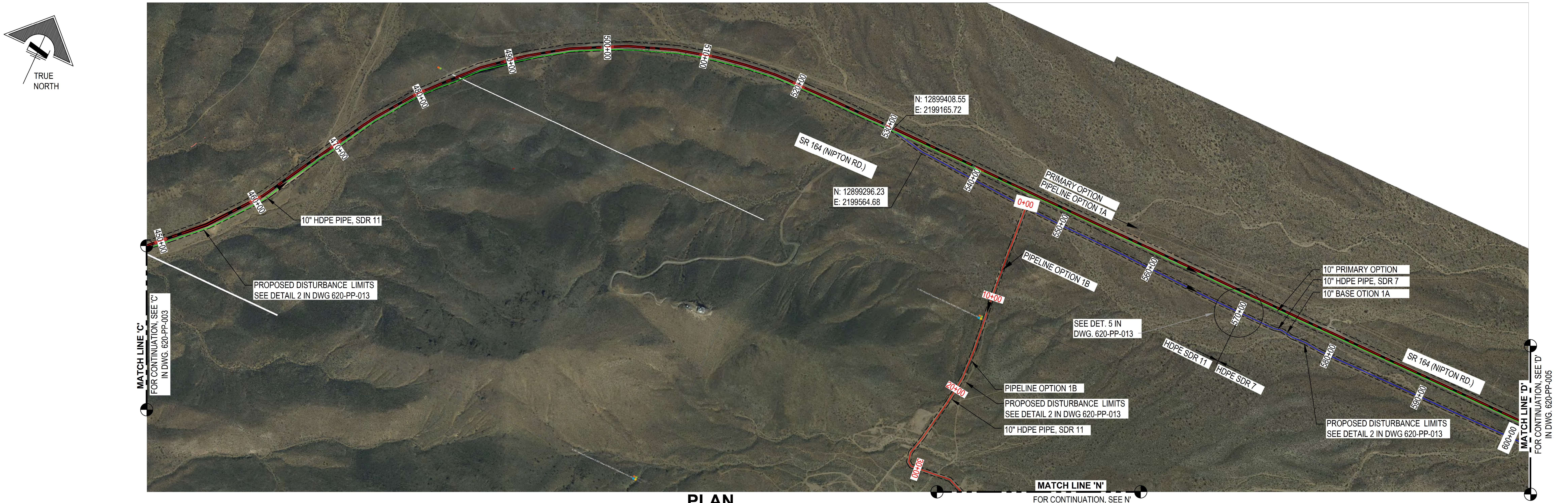
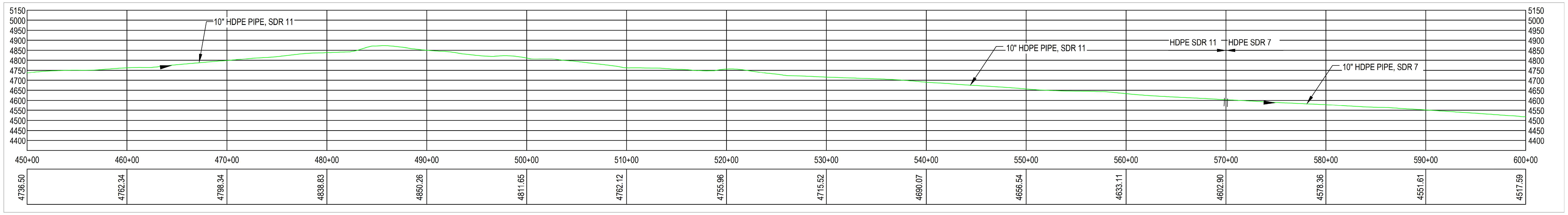


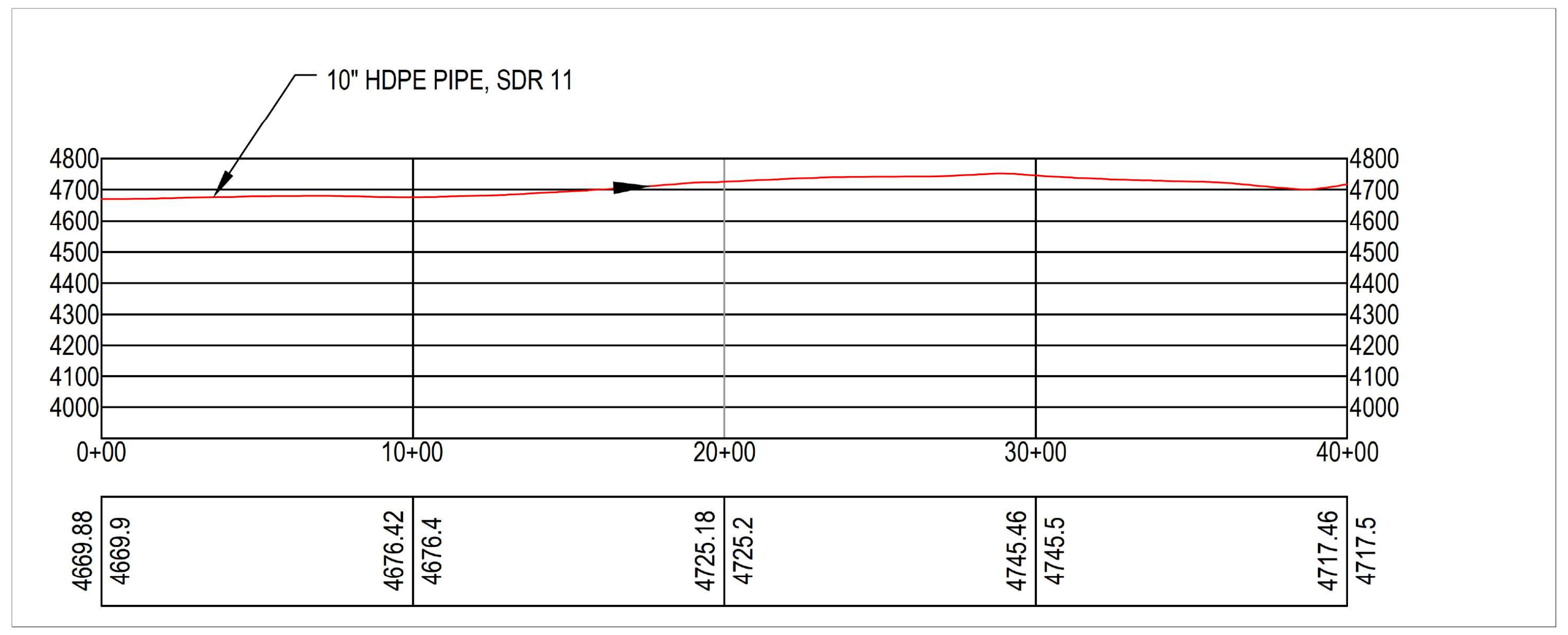
PLAN

SCALE: 1" = 500'



PROFILE

SCALE: 1" = 500'



PROFILE PIPELINE OPTION 1B

SCALE: 1" = 500'

NOTES:

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8. PROFILE VERTICAL SCALE IS 1:2.

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500' 250' 0' 500' 1000'
SCALE IN FEET

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CASTLE MOUNTAIN VENTURE

REFERENCES		REFERENCES		REVISIONS						REVISIONS					
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CASTLE MOUNTAIN PHASE TWO EXPANSION

WATER SUPPLY. STOR. & DIST. PIPING
IVANPAH WATER PIPELINE
PLAN/PROFILE SHEET 4

PROJECT NO. M3-PN190397.014
DWG NO.
620-PP-004
REV NO. P3
DATE 13 MAY 22

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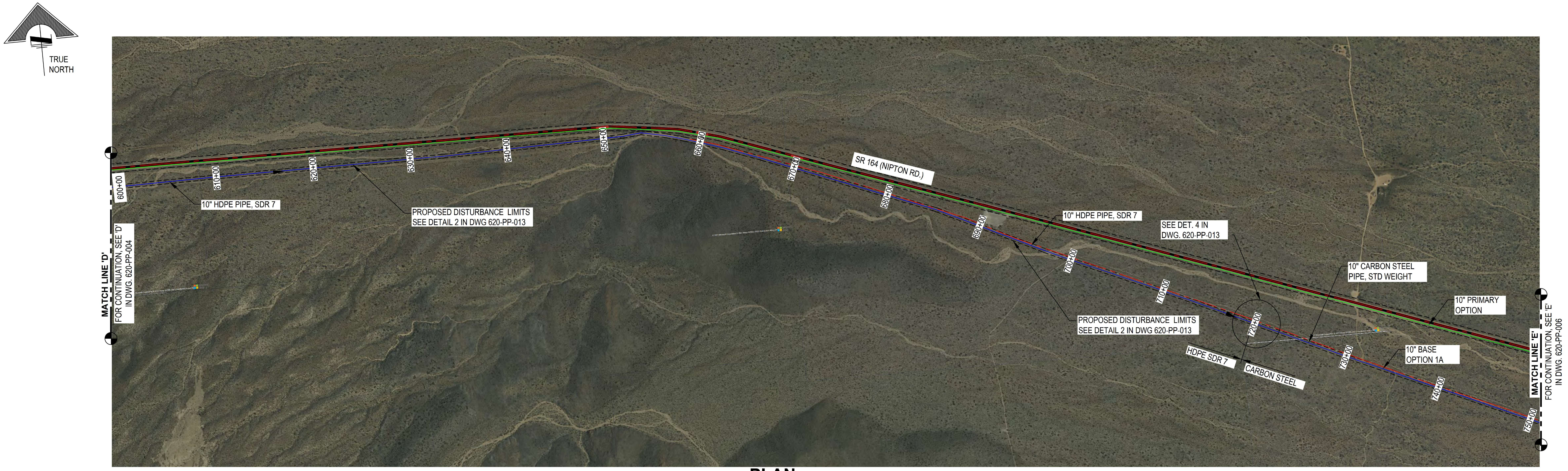
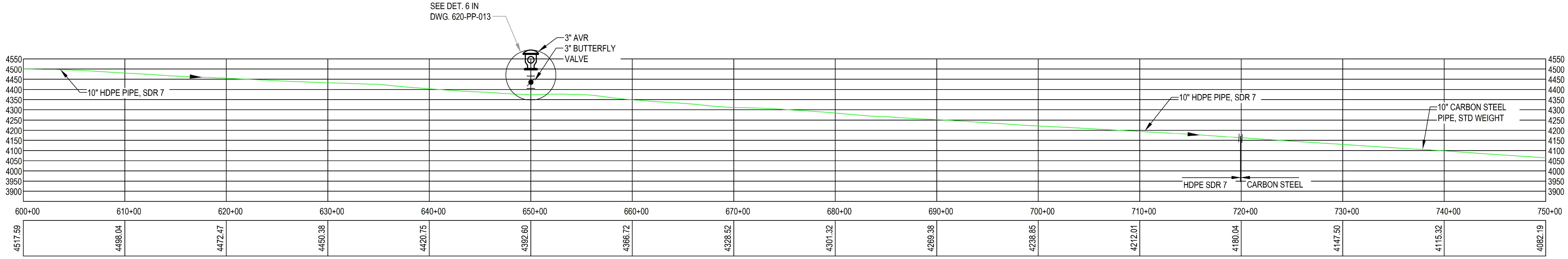


PLAN

SCALE: 1" = 500'



PROFILE

SCALE: 1" = 500'

NOTES:

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8. PROFILE VERTICAL SCALE IS 1:2.

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500' 250' 0' 500' 1000'
SCALE IN FEET

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CASTLE MOUNTAIN VENTURE

REFERENCES		REFERENCES	
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REVISIONS						REVISIONS					
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CASTLE MOUNTAIN PHASE TWO EXPANSION

WATER SUPPLY. STOR. & DIST. PIPING
IVANPAH WATER PIPELINE
PLAN/PROFILE SHEET 5

PROJECT NO. M3-PN190397.014
DWG NO.
620-PP-005
REV NO. P3
DATE 13 MAY 22

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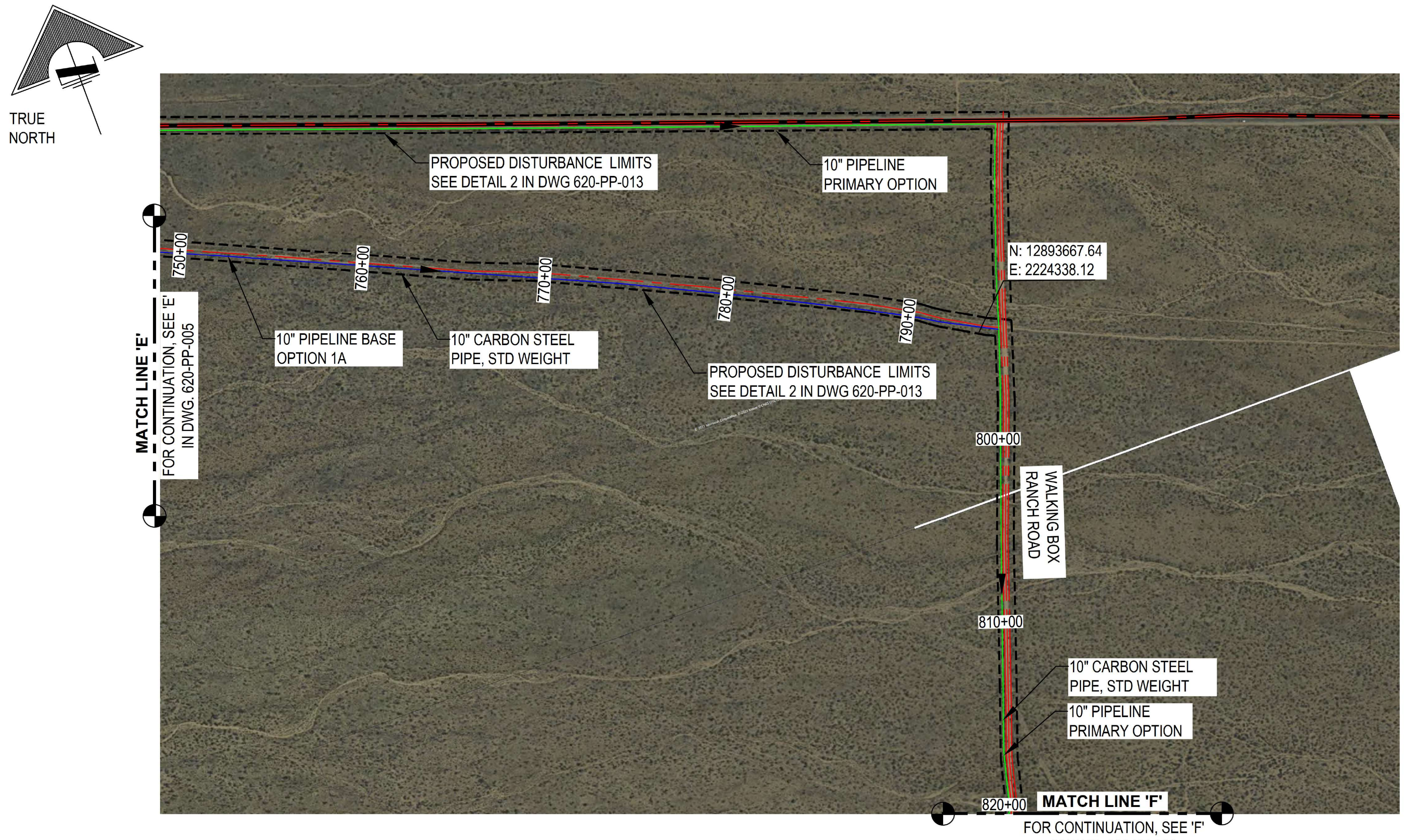
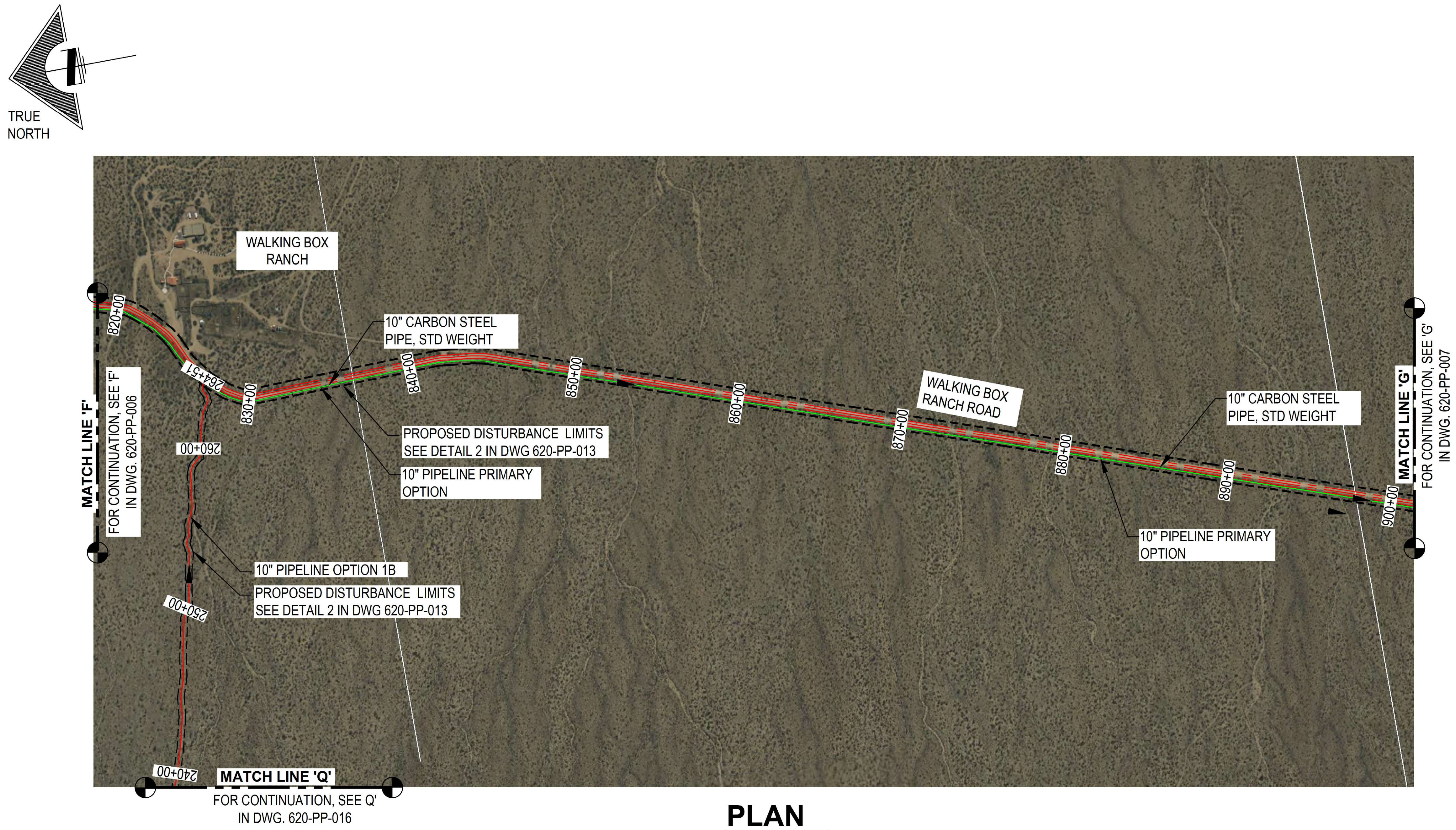

TRUE NORTH
PROPOSED DISTURBANCE LIMITS SEE DETAIL 2 IN DWG 620-PP-013
10" PIPELINE PRIMARY OPTION
N: 12893667.64
E: 2224338.12
750+00
760+00
770+00
780+00
790+00
800+00
810+00
820+00
10" PIPELINE BASE OPTION 1A
10" CARBON STEEL PIPE, STD WEIGHT
PROPOSED DISTURBANCE LIMITS SEE DETAIL 2 IN DWG 620-PP-013
MATCH LINE 'E'
FOR CONTINUATION, SEE 'E' IN DWG. 620-PP-005
WALKING BOX RANCH ROAD
10" CARBON STEEL PIPE, STD WEIGHT
10" PIPELINE PRIMARY OPTION
MATCH LINE 'F'
FOR CONTINUATION, SEE 'F' IN DWG. 620-PP-006

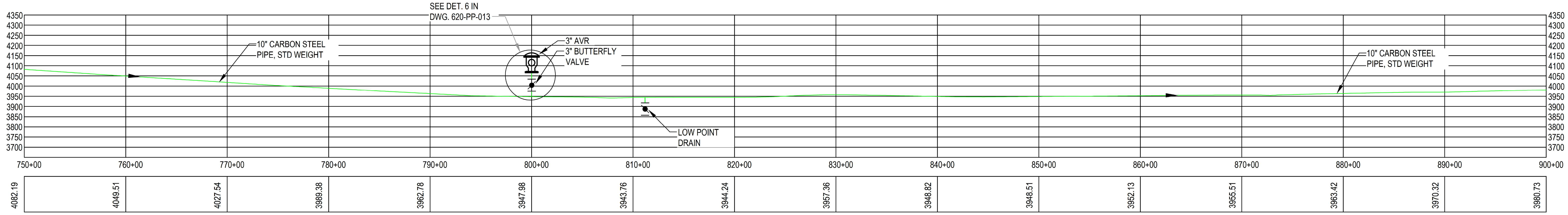
PLAN

SCALE: 1" = 500'


TRUE NORTH
WALKING BOX RANCH
10" CARBON STEEL PIPE, STD WEIGHT
820+00
830+00
840+00
850+00
860+00
870+00
880+00
890+00
900+00
264+51
260+00
250+00
240+00
PROPOSED DISTURBANCE LIMITS SEE DETAIL 2 IN DWG 620-PP-013
10" PIPELINE PRIMARY OPTION
WALKING BOX RANCH ROAD
10" CARBON STEEL PIPE, STD WEIGHT
10" PIPELINE PRIMARY OPTION
10" PIPELINE OPTION 1B
PROPOSED DISTURBANCE LIMITS SEE DETAIL 2 IN DWG 620-PP-013
MATCH LINE 'F'
FOR CONTINUATION, SEE 'F' IN DWG. 620-PP-006
MATCH LINE 'G'
FOR CONTINUATION, SEE 'G' IN DWG. 620-PP-007
MATCH LINE 'Q'
FOR CONTINUATION, SEE 'Q' IN DWG. 620-PP-016

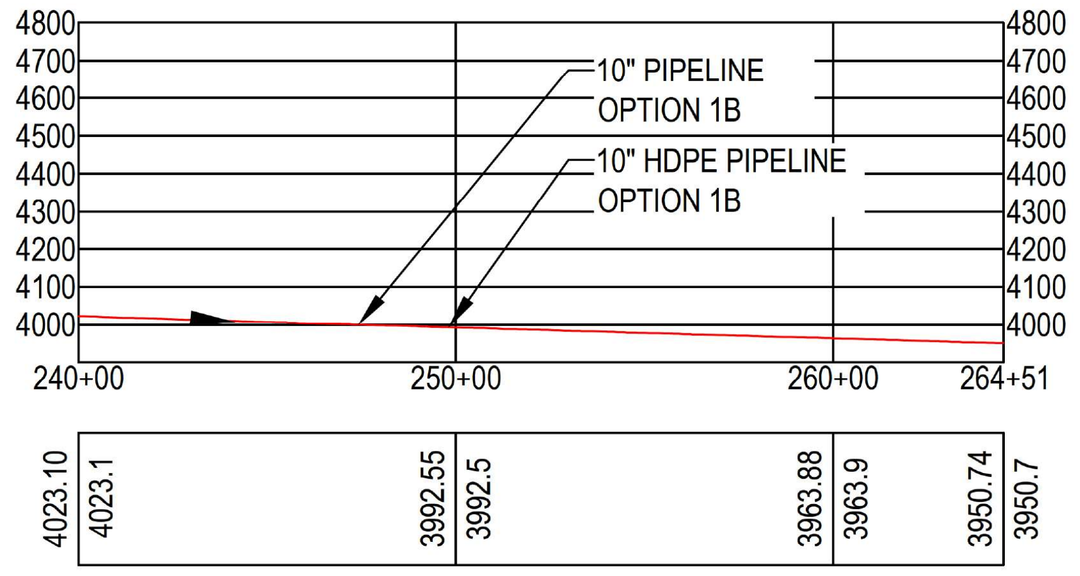
PLAN

SCALE: 1" = 500'



PROFILE

SCALE: 1" = 500'



PROFILE OPTION 1B

SCALE: 1" = 500'

NOTES:

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500' 250' 0' 500' 1000'
SCALE IN FEET

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EQUINOX GOLD
CASTLE MOUNTAIN VENTURE

REFERENCES		REFERENCES		REVISIONS						REVISIONS					
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CASTLE MOUNTAIN PHASE TWO EXPANSION

WATER SUPPLY. STOR. & DIST.
PIPING
IVANPAH WATER PIPELINE
PLAN/PROFILE SHEET 6

PROJECT NO. M3-PN190397.014
DWG NO.
620-PP-006
REV NO. P3
DATE 13 MAY 22

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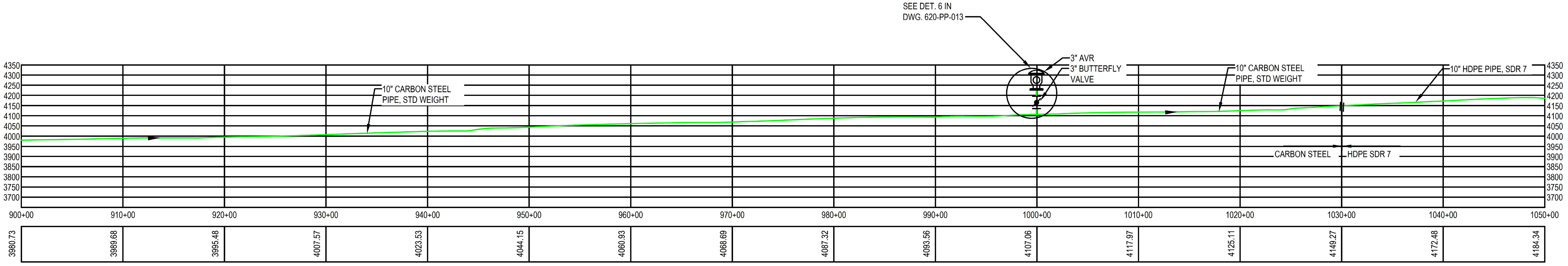
TRUE NORTH
10" CARBON STEEL PIPE, STD WEIGHT
PROPOSED DISTURBANCE LIMITS SEE DETAIL 2 IN DWG 620-PP-013
10" CARBON STEEL PIPE, PRIMARY OPTION
10" CARBON STEEL PIPE, PIPELINE PRIMARY OPTION
WALKING BOX RANCH ROAD
SEE DET. 4 IN DWG. 620-PP-013
10" CARBON STEEL PIPE, STD WEIGHT
PIPELINE PRIMARY OPTION
10" HDPE PIPE, SDR 7
PROPOSED DISTURBANCE LIMITS SEE DETAIL 2 IN DWG 620-PP-013
CARBON STEEL
HDPE SDR 7
900+00
910+00
920+00
930+00
940+00
950+00
960+00
970+00
980+00
990+00
1000+00
1010+00
1020+00
1030+00
1040+00
1050+00
MATCH LINE 'G'
FOR CONTINUATION, SEE 'G' IN DWG. 620-PP-006
MATCH LINE 'H'
FOR CONTINUATION, SEE 'H' IN DWG. 620-PP-008

PLAN

SCALE: 1" = 500'



PROFILE

SCALE: 1" = 500'

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SCALE IN FEET

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CASTLE MOUNTAIN VENTURE

REFERENCES		REFERENCES	
DWG. NO.	TITLE	DWG. NO.	TITLE

REVISIONS						REVISIONS					
NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT	NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT

SCALE:	AS NOTED	DATE
DESIGNED BY	MPG	NOV 21
DRAWN BY	MPG	NOV 21
CHECKED BY		
PROJECT MGR		
CLIENT APPR.		

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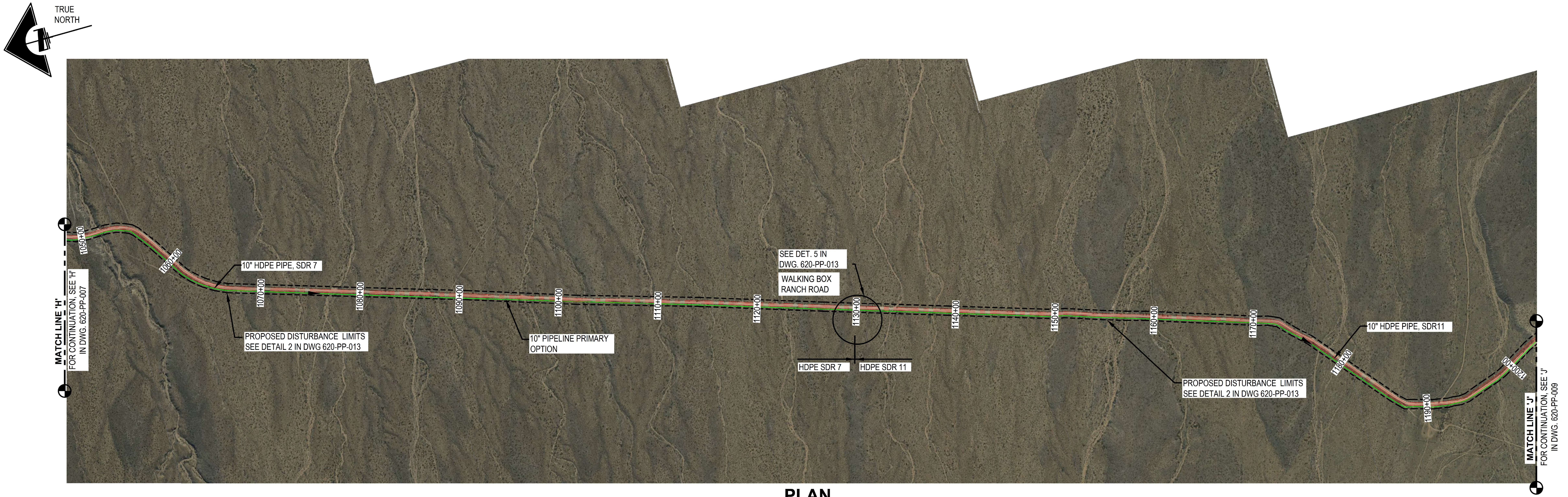
CASTLE MOUNTAIN PHASE TWO EXPANSION

WATER SUPPLY. STOR. & DIST. PIPING
IVANPAH WATER PIPELINE
PLAN/PROFILE SHEET 7

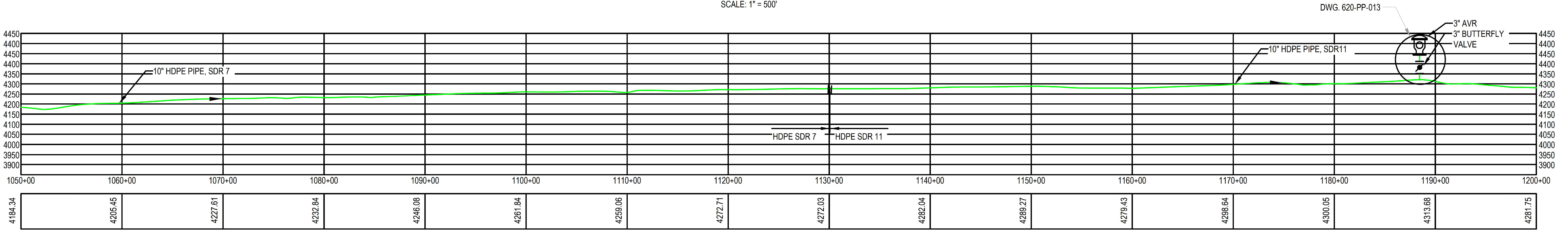
PROJECT NO. M3-PN190397.014
DWG NO.
620-PP-007
REV NO. P3
DATE 13 MAY 22

File: P:\2019\190397\190397.014\500 ENGR\540 Piping\540.3 Dwgs\620-PP-007 Rev P3.dwg LAST UPDATE: 5/25/2022 1:10 PM BY: JUAN.VALENCIA



PLAN

SCALE: 1" = 500'



PROFILE

SCALE: 1" = 500'

NOTES:
1. DIMENSIONS ARE IN FEET.
2. ELEVATIONS ARE IN FEET.
3. CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO ORDERING MATERIALS OR INITIALIZING WORK.
4. ALL PIPING AND VALVES SHALL COMPLY WITH SPECIFICATION 190397-4601.
5. ALL PIPING INSTALLATION SHALL COMPLY WITH SPECIFICATION 190397-4602, 190397-4616, 190397-4618.
6. PIPE SHALL BE BURIED 2' - 6" TO TOP OF PIPE UNDER ROAD CROSSINGS.
7. AVR VALVES SHALL BE INSULATED. SEE DETAIL 6 AND TABLE 1 FOR LOCATION IN 620-PP-013. LOCATION SHALL BE VERIFIED BY FIELD ENGINEER SUPERVISOR TO ENSURE IT IS PLACED AT HIGH POINT.
8. PROFILE VERTICAL SCALE IS 1:2.

ELECTRONIC COPY OF FINAL DOCUMENT.
ORIGINAL SEALED DOCUMENT STAMPED BY
ARCHITECT OR ENGINEER OF RECORD

500' 250' 0' 500' 1000'
SCALE IN FEET

DO NOT SCALE 11x17 DRAWINGS

PRELIMINARY
NOT FOR CONSTRUCTION

EQUINOXGOLD
CASTLE MOUNTAIN VENTURE

REFERENCES		REFERENCES	
DWG. NO.	TITLE	DWG. NO.	TITLE

REVISIONS						REVISIONS					
NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT	NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT

SCALE:	AS NOTED	DATE
DESIGNED BY	MPG	NOV 21
DRAWN BY	MPG	NOV 21
CHECKED BY		
PROJECT MGR		
CLIENT APPR.		

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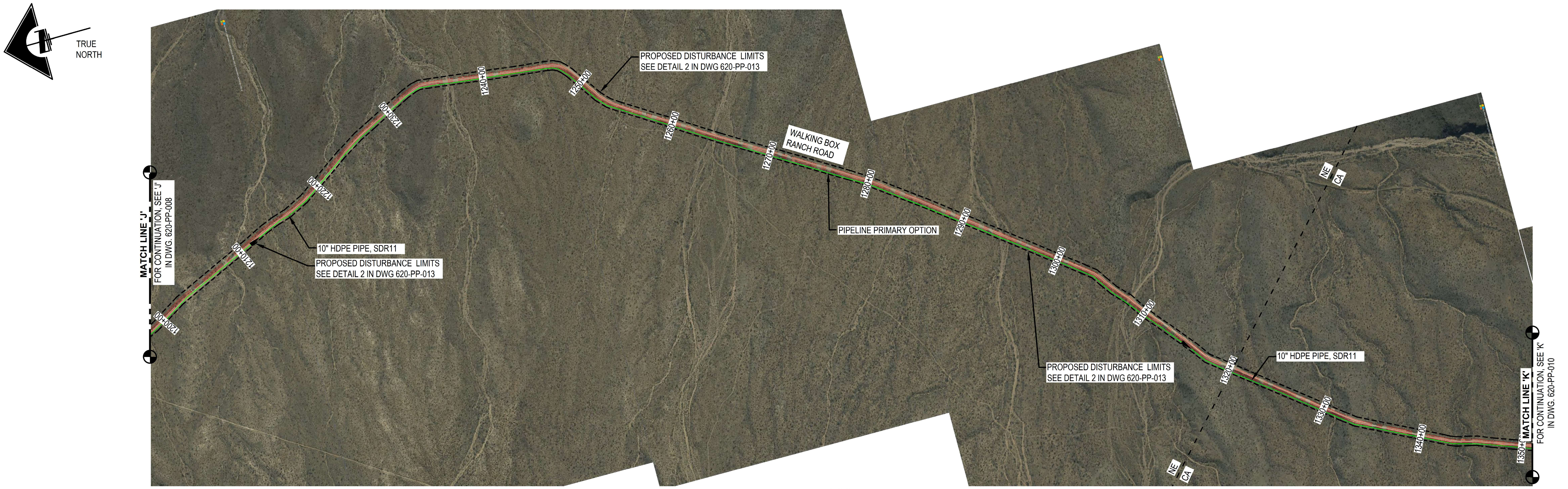
CASTLE MOUNTAIN PHASE TWO EXPANSION

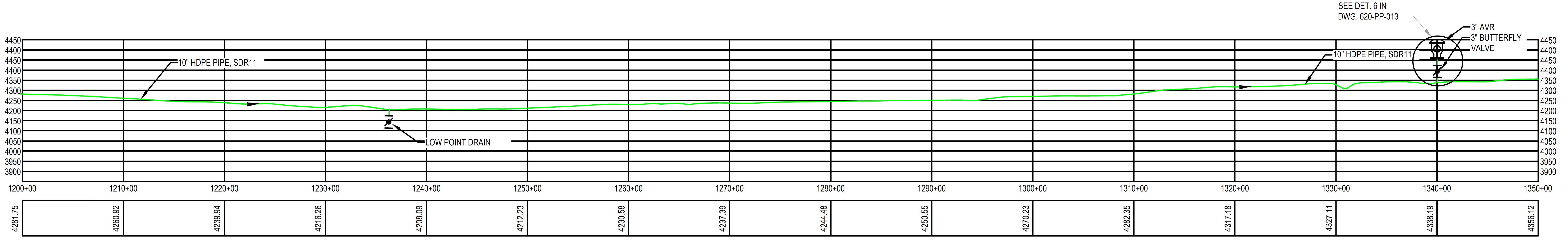
WATER SUPPLY. STOR. & DIST. PIPING
IVANPAH WATER PIPELINE
PLAN/PROFILE SHEET 8

PROJECT NO. M3-PN190397.014
DWG NO. 620-PP-008
REV NO. P3
DATE 13 MAY 22


TRUE NORTH
MATCH LINE 'J'
FOR CONTINUATION, SEE 'J' IN DWG. 620-PP-008
1200+00
1210+00
1220+00
1230+00
1240+00
1250+00
1260+00
1270+00
1280+00
1290+00
1300+00
1310+00
1320+00
1330+00
1340+00
1350+00
10" HDPE PIPE, SDR11
PROPOSED DISTURBANCE LIMITS SEE DETAIL 2 IN DWG 620-PP-013
PROPOSED DISTURBANCE LIMITS SEE DETAIL 2 IN DWG 620-PP-013
WALKING BOX RANCH ROAD
PIPELINE PRIMARY OPTION
PROPOSED DISTURBANCE LIMITS SEE DETAIL 2 IN DWG 620-PP-013
10" HDPE PIPE, SDR11
NE CA
NE CA
MATCH LINE 'K'
FOR CONTINUATION, SEE 'K' IN DWG. 620-PP-010

PLAN

SCALE: 1" = 500'



PROFILE

SCALE: 1" = 500'

NOTES:

1. DIMENSIONS ARE IN FEET.
2. ELEVATIONS ARE IN FEET.
3. CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO ORDERING MATERIALS OR INITIALIZING WORK.
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ELECTRONIC COPY OF FINAL DOCUMENT.
ORIGINAL SEALED DOCUMENT STAMPED BY
ARCHITECT OR ENGINEER OF RECORD

500' 250' 0' 500' 1000'
SCALE IN FEET

DO NOT SCALE 11x17 DRAWINGS

PRELIMINARY
NOT FOR CONSTRUCTION

EQUINOXGOLD
CASTLE MOUNTAIN VENTURE

REFERENCES		REFERENCES	
DWG. NO.	TITLE	DWG. NO.	TITLE

REVISIONS						REVISIONS					
NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT	NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT

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DESIGNED BY MPG	NOV 21
DRAWN BY MPG	NOV 21
CHECKED BY	
PROJECT MGR	
CLIENT APPR.	

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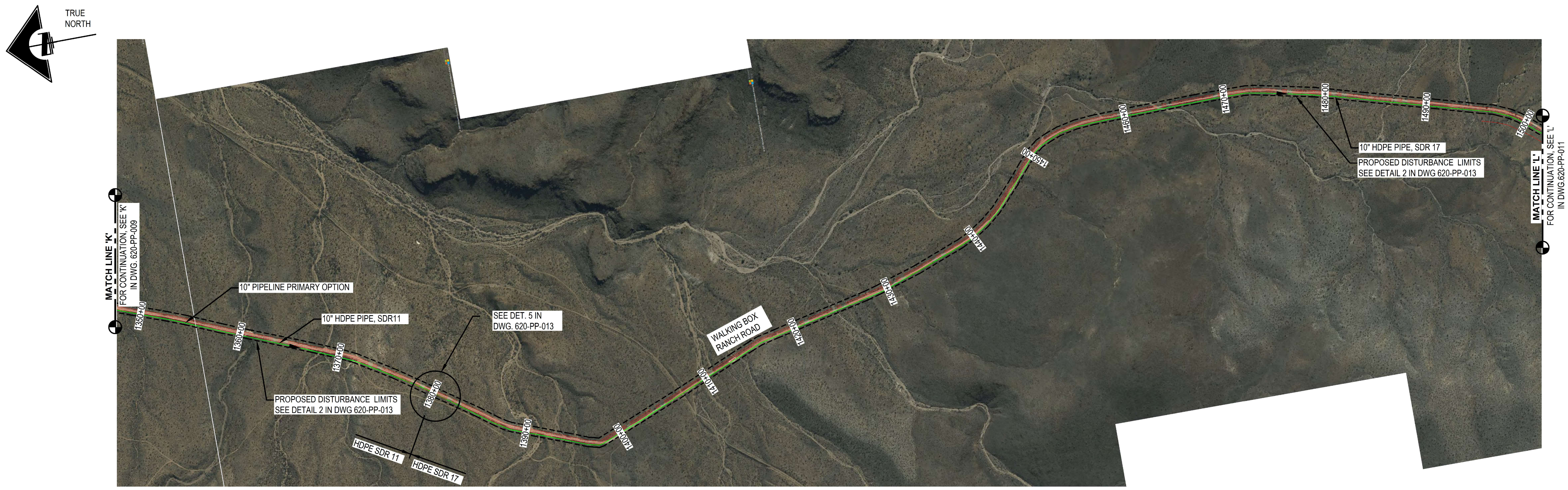
CASTLE MOUNTAIN PHASE TWO EXPANSION

WATER SUPPLY. STOR. & DIST. PIPING
IVANPAH WATER PIPELINE PLAN/PROFILE SHEET 9

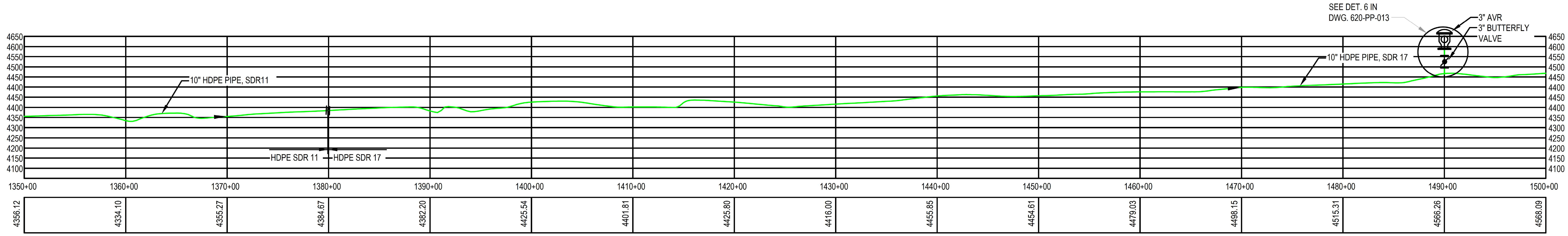
PROJECT NO. M3-PN190397.014
DWG NO.
620-PP-009
REV NO.
P3
DATE
13 MAY 22

File: P:\2019\190397\190397.014\500 ENGR\540 Piping\540.3 Dwgs\620-PP-009 Rev P3.dwg LAST UPDATE: 5/25/2022 1:12 PM BY: JUAN.VALENCIA



PLAN

SCALE: 1" = 500'



PROFILE

SCALE: 1" = 500'

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ELECTRONIC COPY OF FINAL DOCUMENT.
ORIGINAL SEALED DOCUMENT STAMPED BY
ARCHITECT OR ENGINEER OF RECORD

500' 250' 0' 500' 1000'
SCALE IN FEET

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PRELIMINARY
NOT FOR CONSTRUCTION

EQUINOX GOLD
CASTLE MOUNTAIN VENTURE

REFERENCES		REFERENCES		REVISIONS						REVISIONS					
DWG. NO.	TITLE	DWG. NO.	TITLE	NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT	NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT

		DATE
SCALE:	AS NOTED	
DESIGNED BY	MPG	NOV 21
DRAWN BY	MPG	NOV 21
CHECKED BY		
PROJECT MGR		
CLIENT APPR.		

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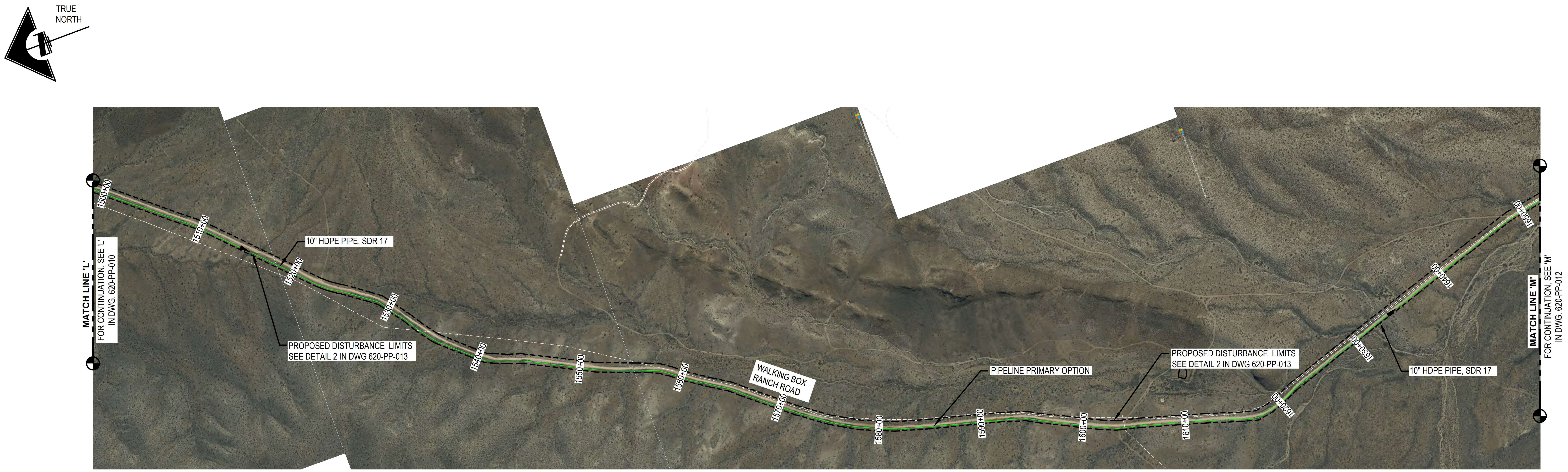
CASTLE MOUNTAIN PHASE TWO EXPANSION

WATER SUPPLY, STOR. & DIST. PIPING
IVANPAH WATER PIPELINE
PLAN/PROFILE SHEET 10

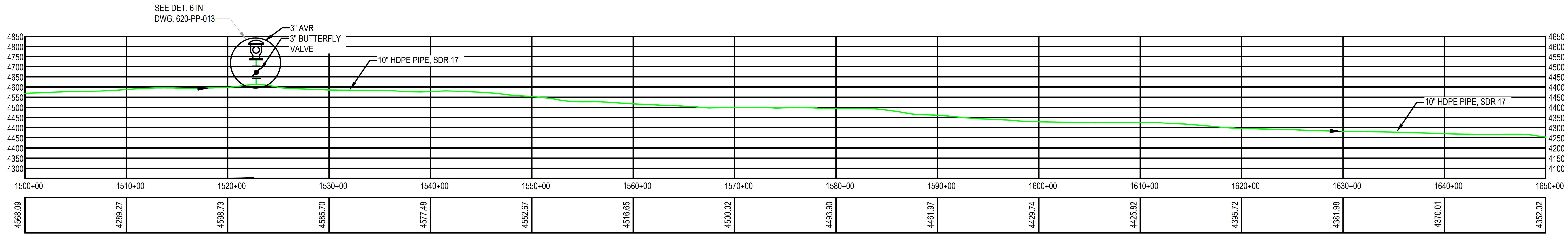
PROJECT NO. M3-PN190397.014
DWG NO.
620-PP-010
REV NO. P3
DATE 13 MAY 22

File: P:\2019\190397\190397.014\500 ENGR\540 Piping\540.3 Dwgs\620-PP-010 Rev P3.dwg LAST UPDATE: 5/25/2022 1:39 PM BY: JUAN.VALENCIA



PLAN

SCALE: 1" = 500'



PROFILE

SCALE: 1" = 500'

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ELECTRONIC COPY OF FINAL DOCUMENT.
ORIGINAL SEALED DOCUMENT STAMPED BY
ARCHITECT OR ENGINEER OF RECORD

500' 250' 0' 500' 1000'
SCALE IN FEET

DO NOT SCALE 11x17 DRAWINGS

PRELIMINARY
NOT FOR CONSTRUCTION

EQUINOXGOLD
CASTLE MOUNTAIN VENTURE

REFERENCES		REFERENCES	
DWG. NO.	TITLE	DWG. NO.	TITLE

REVISIONS						REVISIONS					
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SCALE:	AS NOTED	DATE
DESIGNED BY	MPG	NOV 21
DRAWN BY	MPG	NOV 21
CHECKED BY		
PROJECT MGR		
CLIENT APPR.		

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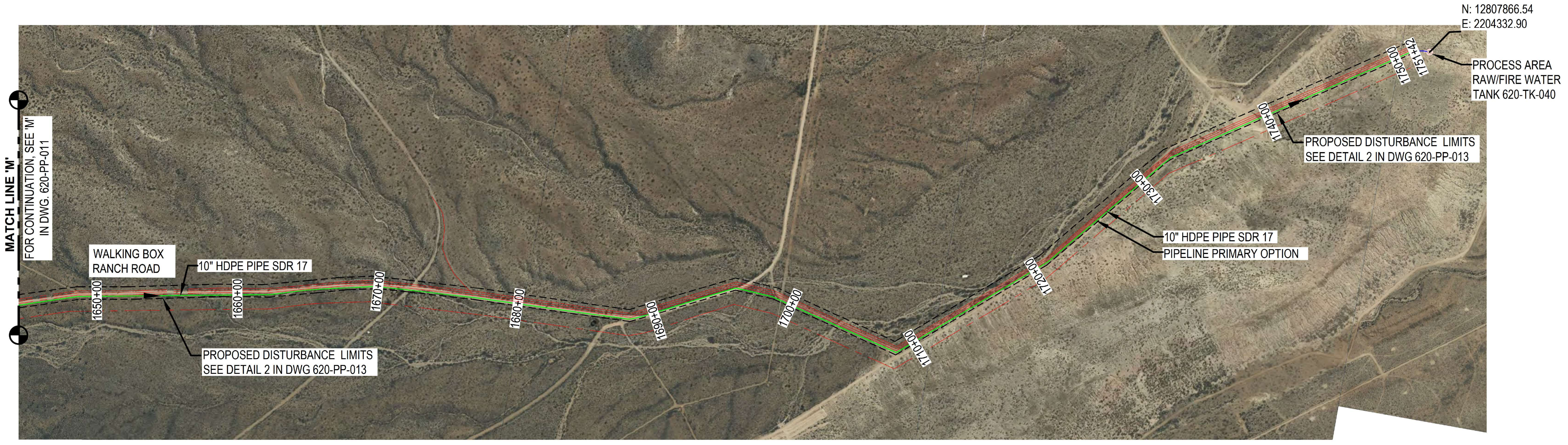
CASTLE MOUNTAIN PHASE TWO EXPANSION

WATER SUPPLY. STOR. & DIST. PIPING
IVANPAH WATER PIPELINE
PLAN/PROFILE SHEET 11

PROJECT NO. M3-PN190397.014
DWG NO.
620-PP-011
REV NO. P3
DATE 13 MAY 22

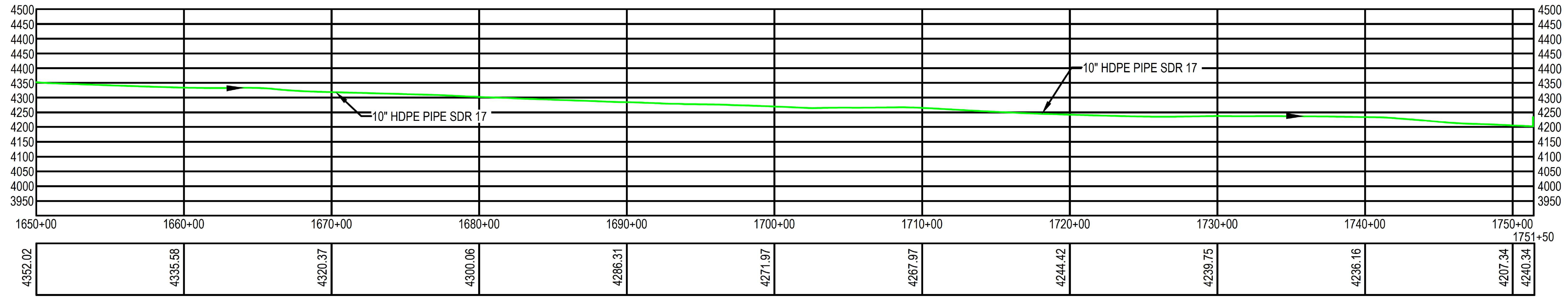
File: P:\2019\190397\190397.014\500 ENGR\540 Piping\540.3 Dwgs\620-PP-011 Rev P3.dwg LAST UPDATE: 5/25/2022 1:18 PM BY: JUAN.VALENCIA

TRUE
NORTH



PLAN

SCALE: 1" = 500'



PROFILE

SCALE: 1" = 500'

NOTES:

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8. PROFILE VERTICAL SCALE IS 1:2.

ELECTRONIC COPY OF FINAL DOCUMENT.
ORIGINAL SEALED DOCUMENT STAMPED BY
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500' 250' 0' 500' 1000'
SCALE IN FEET

DO NOT SCALE 11x17 DRAWINGS

PRELIMINARY
NOT FOR CONSTRUCTION

EQUINOXGOLD
CASTLE MOUNTAIN VENTURE

REFERENCES		REFERENCES		REVISIONS						REVISIONS					
DWG. NO.	TITLE	DWG. NO.	TITLE	NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT	NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT

SCALE:	AS NOTED	DATE
DESIGNED BY	MPG	NOV 21
DRAWN BY	MPG	NOV 21
CHECKED BY		
PROJECT MGR		
CLIENT APPR.		

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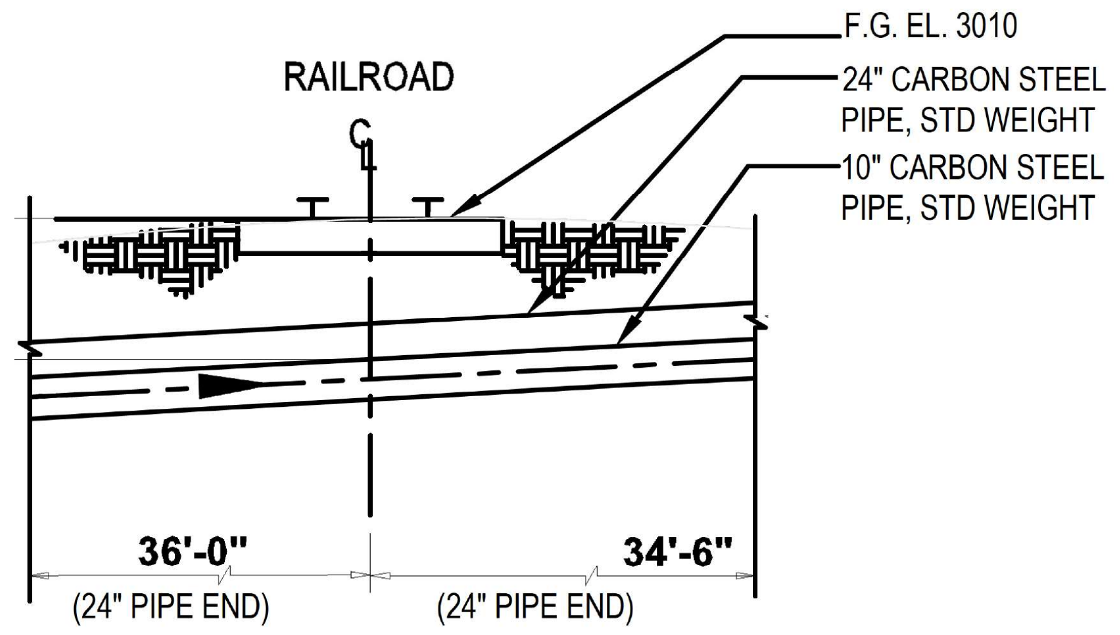
CASTLE MOUNTAIN PHASE TWO EXPANSION

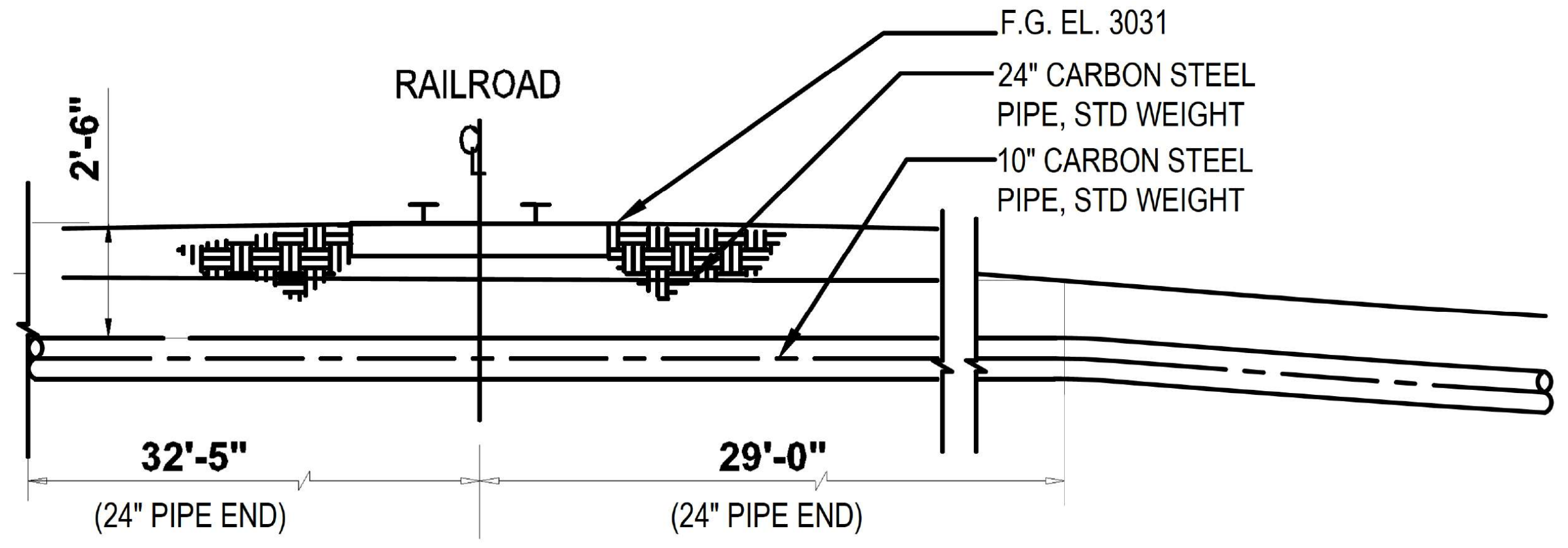
WATER SUPPLY. STOR. & DIST. PIPING
IVANPAH WATER PIPELINE PLAN/PROFILE SHEET 12

PROJECT NO. M3-PN190397.014
DWG NO.
620-PP-012
REV NO. P3
DATE 13 MAY 22

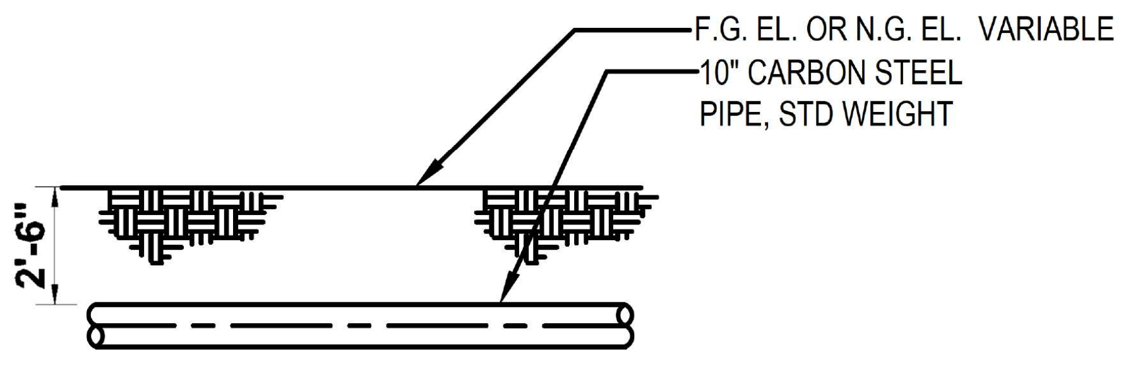
File: P:\2019\190397\190397.014\500 ENGR\540 Piping\540.3 Dwgs\620-PP-012 Rev P3.dwg LAST UPDATE: 5/25/2022 1:25 PM BY: JUAN.VALENCIA


RAILROAD
℄
F.G. EL. 3010
24" CARBON STEEL PIPE, STD WEIGHT
10" CARBON STEEL PIPE, STD WEIGHT
36'-0"
34'-6"
(24" PIPE END)
(24" PIPE END)

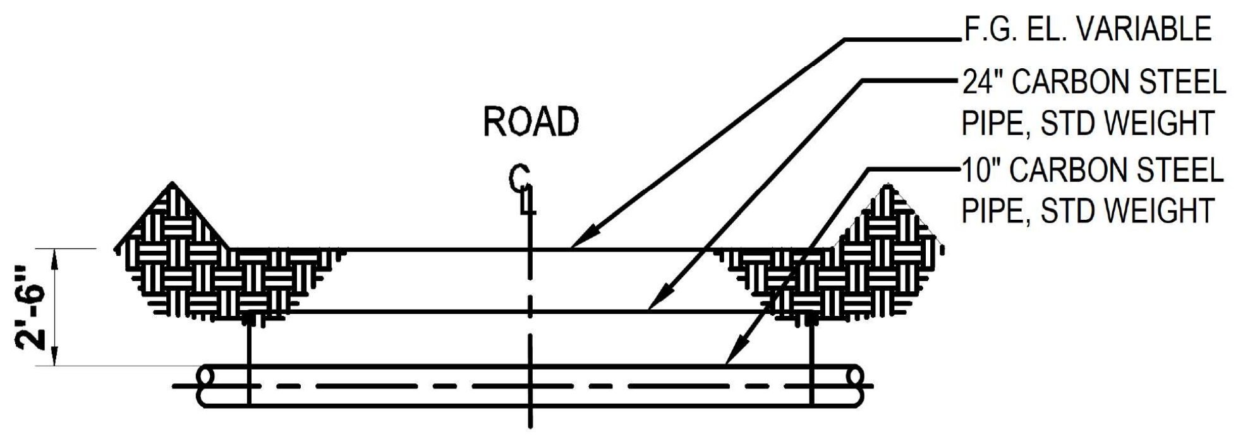
SECTION A 001
SCALE: 1"=50'



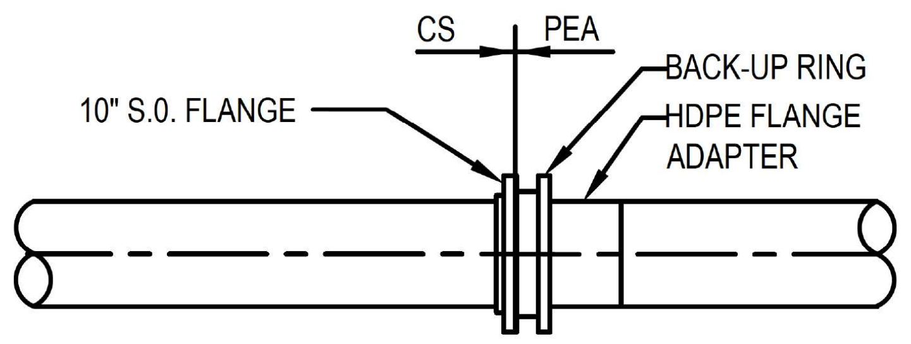
SECTION B 001
SCALE: 1"=50'


F.G. EL. OR N.G. EL. VARIABLE
10" CARBON STEEL PIPE, STD WEIGHT
2'-6"

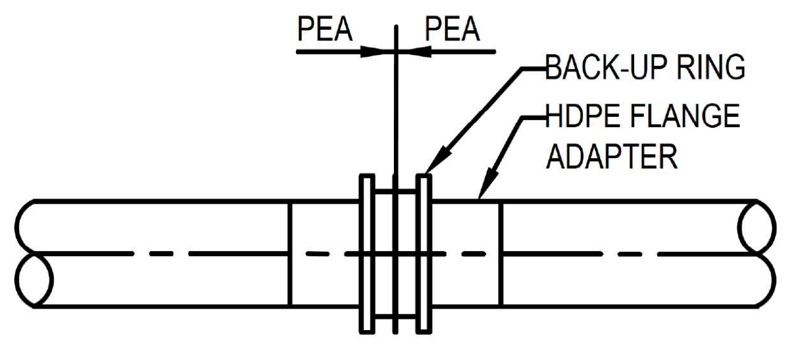
SECTION C 001
SCALE: 1"=50'


ROAD
℄
F.G. EL. VARIABLE
24" CARBON STEEL PIPE, STD WEIGHT
10" CARBON STEEL PIPE, STD WEIGHT
2'-6"

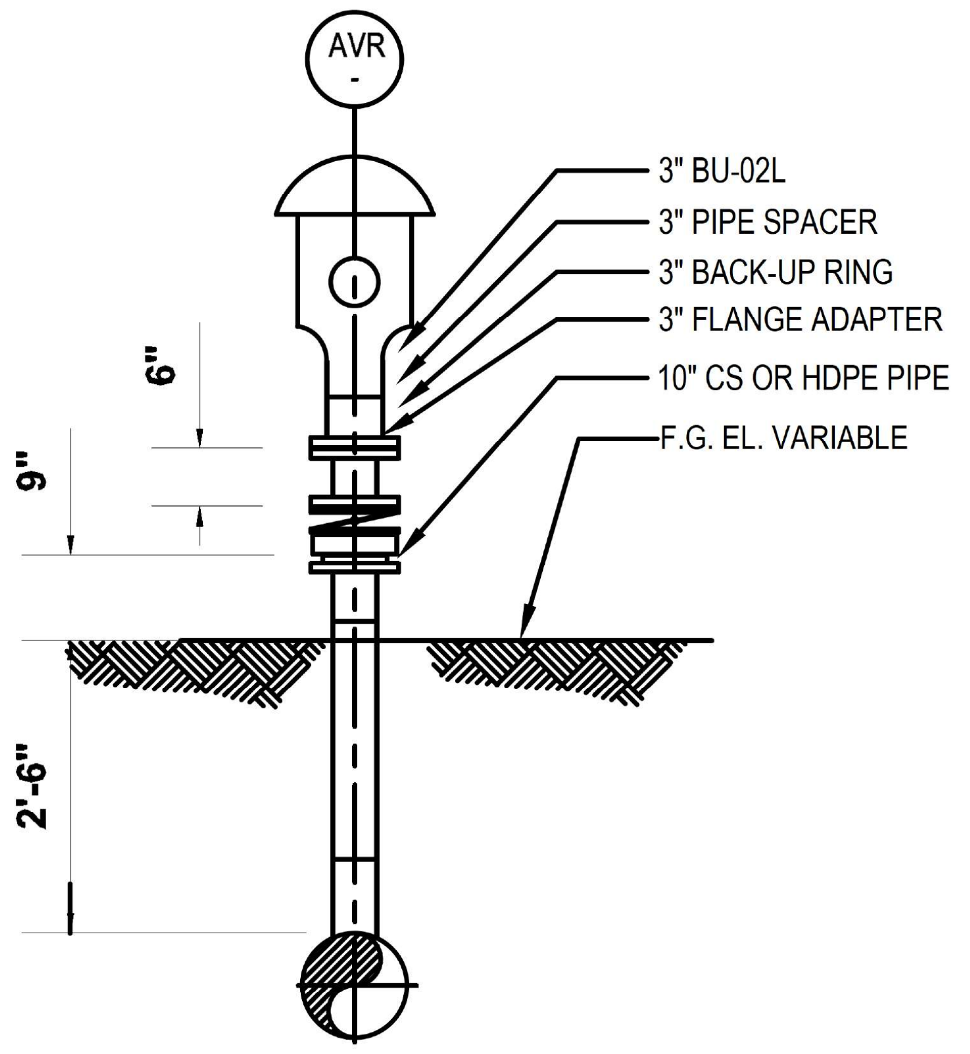
DETAIL 3 005
SCALE: NS



DETAIL 4 003 005, 007
SCALE: NS



DETAIL 5 008 010
SCALE: NS

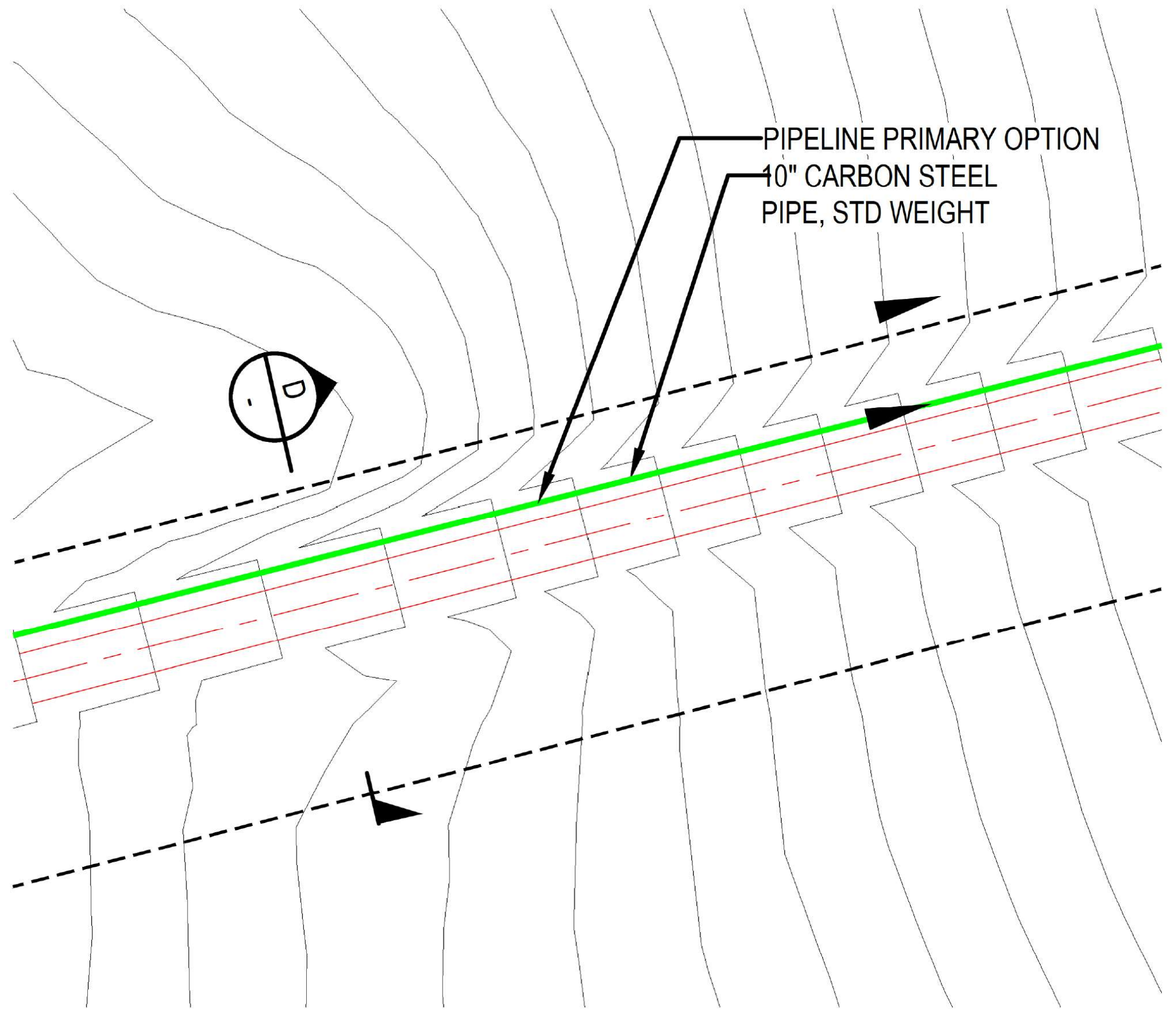


DETAIL 6 005
SCALE: NS

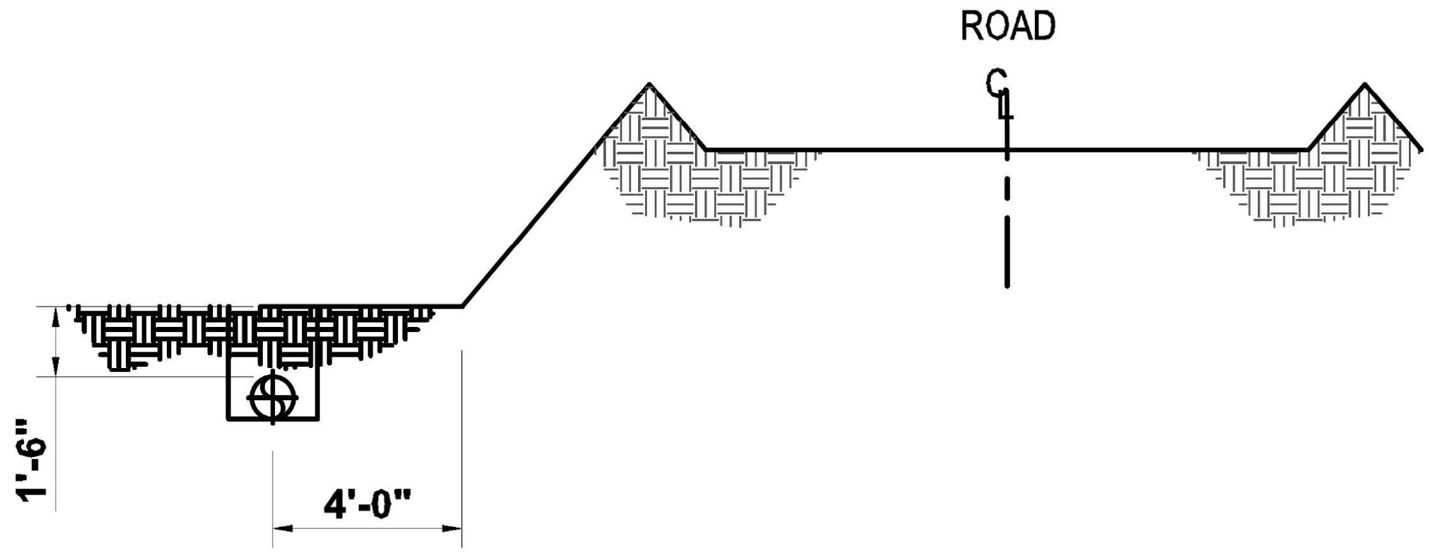
RELIEF/VACUUM VALVE LOCATIONS				
	10" CS OR HDPE PIPE			
Station No.	Valve	Diam.	Loc. (ft)	Elev. (ft)
1	AV-02	3"	200+00	3714.33
2	AV-02	3"	400+00	4554.70
3	AV-02	3"	650+00	4392.60
4	AV-02	3"	800+00	3947.98
5	AV-02	3"	1000+00	4107.06
6	AV-02	3"	1190+00	4313.68
7	AV-02	3"	1340+00	4338.19
8	AV-02	3"	1490+00	4566.26
9	AV-02	3"	1520+00	4598.73

RELIEF/VACUUM VALVE LOCATIONS				
	10" CS OR HDPE PIPE OPTION IB			
Station No.	Valve	Diam.	Loc. (ft)	Elev. (ft)
5A	AV-02	3"	40+00	4750
6A	AV-02	3"	142+00	4400

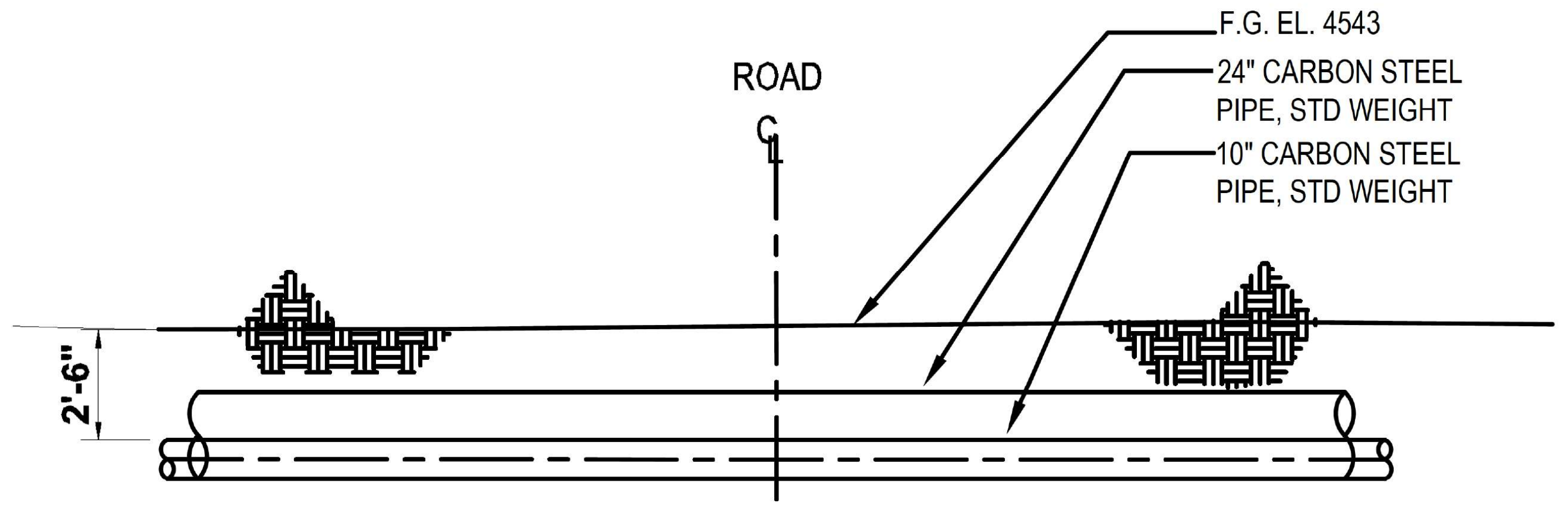
TABLE 1



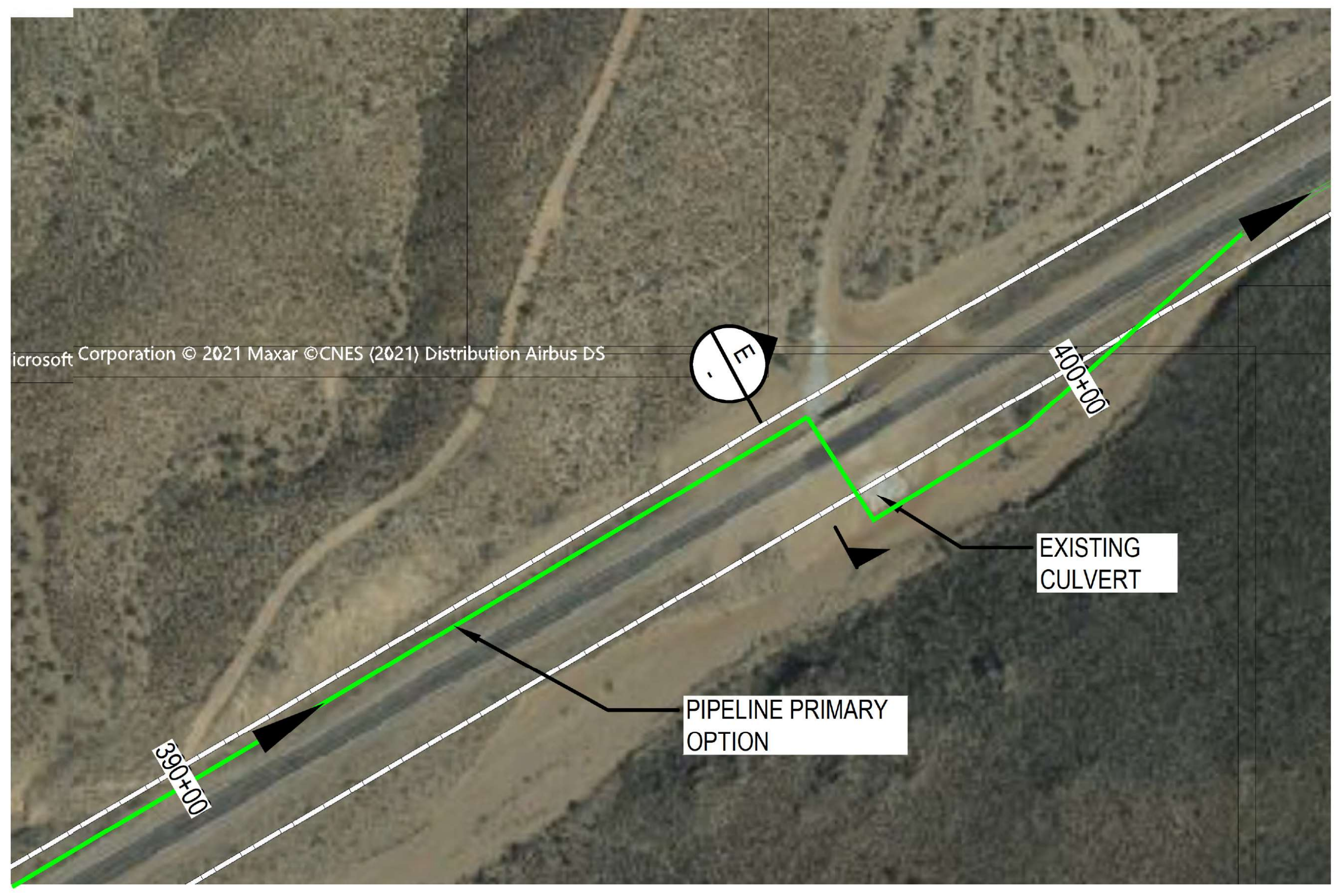
DETAIL 2 001
SCALE: NS



SECTION D -
SCALE: 1"=50'


ROAD
℄
F.G. EL. 4543
24" CARBON STEEL PIPE, STD WEIGHT
10" CARBON STEEL PIPE, STD WEIGHT
2'-6"

SECTION E -
SCALE: 1"=50'


Microsoft Corporation © 2021 Maxar ©CNES (2021) Distribution Airbus DS
E
-
400+00
390+00
EXISTING CULVERT
PIPELINE PRIMARY OPTION

DETAIL 7 003
SCALE: NS

NOTES:
1. DIMENSIONS ARE IN FEET.
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ELECTRONIC COPY OF FINAL DOCUMENT.
ORIGINAL SEALED DOCUMENT STAMPED BY
ARCHITECT OR ENGINEER OF RECORD

500' 250' 0' 500' 1000'
SCALE IN FEET

DO NOT SCALE 11x17 DRAWINGS

PRELIMINARY
NOT FOR CONSTRUCTION

EQUINOXGOLD
CASTLE MOUNTAIN VENTURE

REFERENCES		REFERENCES		REVISIONS						REVISIONS					
DWG. NO.	TITLE	DWG. NO.	TITLE	NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT	NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT

SCALE:	AS NOTED	DATE
DESIGNED BY	MPG	NOV 21
DRAWN BY	MPG	NOV 21
CHECKED BY		
PROJECT MGR		
CLIENT APPR.		

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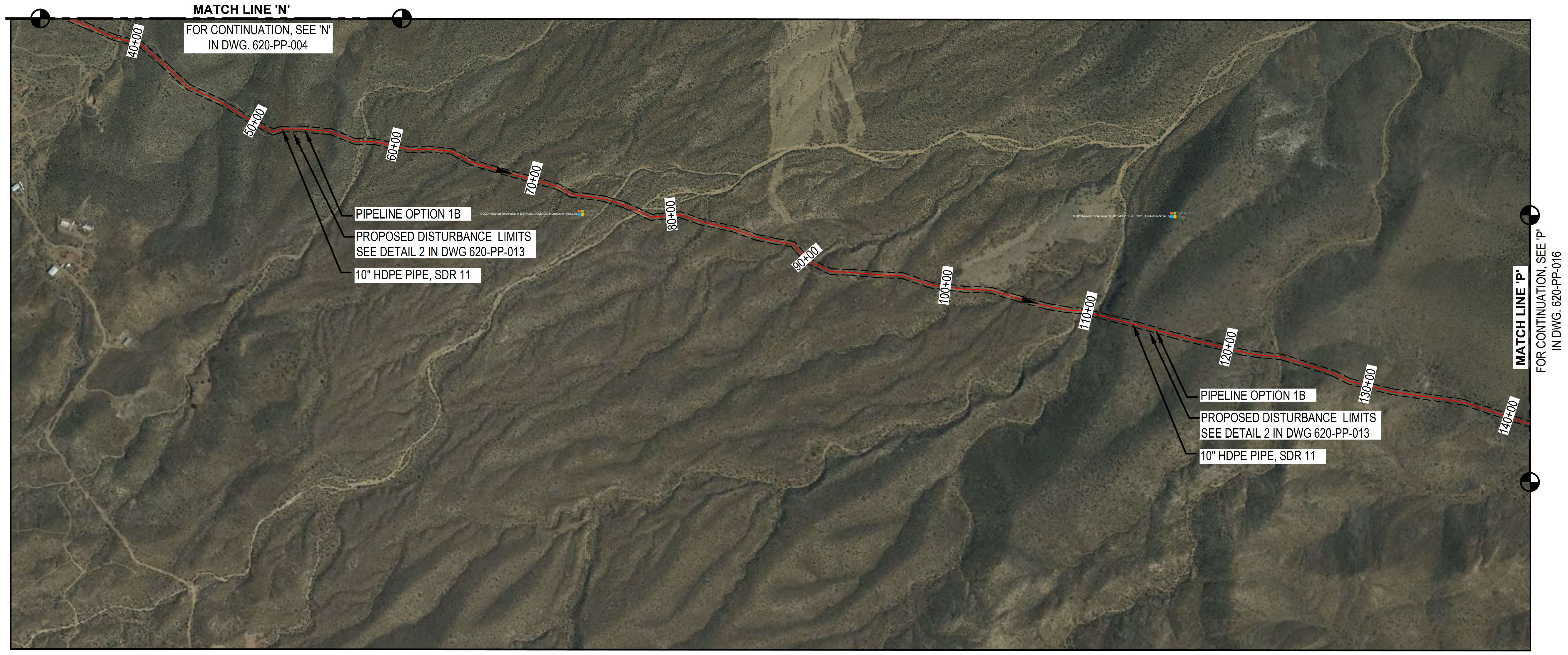
CASTLE MOUNTAIN PHASE TWO EXPANSION

IVANPAH PIPING SYSTEM
PIPING
SECT. AND DETAILS SHEET 1

PROJECT NO. M3-PN190397.014
DWG NO.
620-PP-013
REV NO. P3
DATE 13 MAY 22

File: P:\2019\190397\190397.014\500 ENGR\540 Piping\540.3 Dwgs\620-PP-013 Rev P3.dwg LAST UPDATE: 5/25/2022 1:47 PM BY: JUAN.VALENCIA

TRUE
NORTH


MATCH LINE 'N'
FOR CONTINUATION, SEE 'N' IN DWG. 620-PP-004
40+00
50+00
60+00
70+00
80+00
90+00
100+00
110+00
120+00
130+00
140+00
PIPELINE OPTION 1B
PROPOSED DISTURBANCE LIMITS
SEE DETAIL 2 IN DWG 620-PP-013
10" HDPE PIPE, SDR 11
PIPELINE OPTION 1B
PROPOSED DISTURBANCE LIMITS
SEE DETAIL 2 IN DWG 620-PP-013
10" HDPE PIPE, SDR 11
MATCH LINE 'P'
FOR CONTINUATION, SEE 'P' IN DWG. 620-PP-016

PLAN OPTION 1B

SCALE: 1" = 500'

PROFILE OPTION 1B

SCALE: 1" = 500'

NOTES:
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5. ALL PIPING INSTALLATION SHALL COMPLY WITH SPECIFICATION 190397-4602, 190397-4616, 190397-4618.
6. PIPE SHALL BE BURIED 2' - 6" TO TOP OF PIPE UNDER ROAD CROSSINGS.
7. AVR VALVES SHALL BE INSULATED. SEE DETAIL 5 AND TABLE 1 FOR LOCATION IN 620-PP-013. LOCATION SHALL BE VERIFIED BY FIELD ENGINEER SUPERVISOR TO ENSURE IT IS PLACED AT HIGH POINT.
8. PROFILE VERTICAL SCALE IS 1:2.

ELECTRONIC COPY OF FINAL DOCUMENT.
ORIGINAL SEALED DOCUMENT STAMPED BY
ARCHITECT OR ENGINEER OF RECORD

500' 250' 0' 500' 1000'
SCALE IN FEET

DO NOT SCALE 11x17 DRAWINGS

PRELIMINARY
NOT FOR CONSTRUCTION

EQUINOXGOLD
CASTLE MOUNTAIN VENTURE

REFERENCES		REFERENCES		REVISIONS						REVISIONS					
DWG. NO.	TITLE	DWG. NO.	TITLE	NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT	NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT

SCALE: AS NOTED	DATE	
DESIGNED BY JAV	MAY 22	
DRAWN BY JAV	MAY 22	
CHECKED BY		
PROJECT MGR		
CLIENT APPR.		

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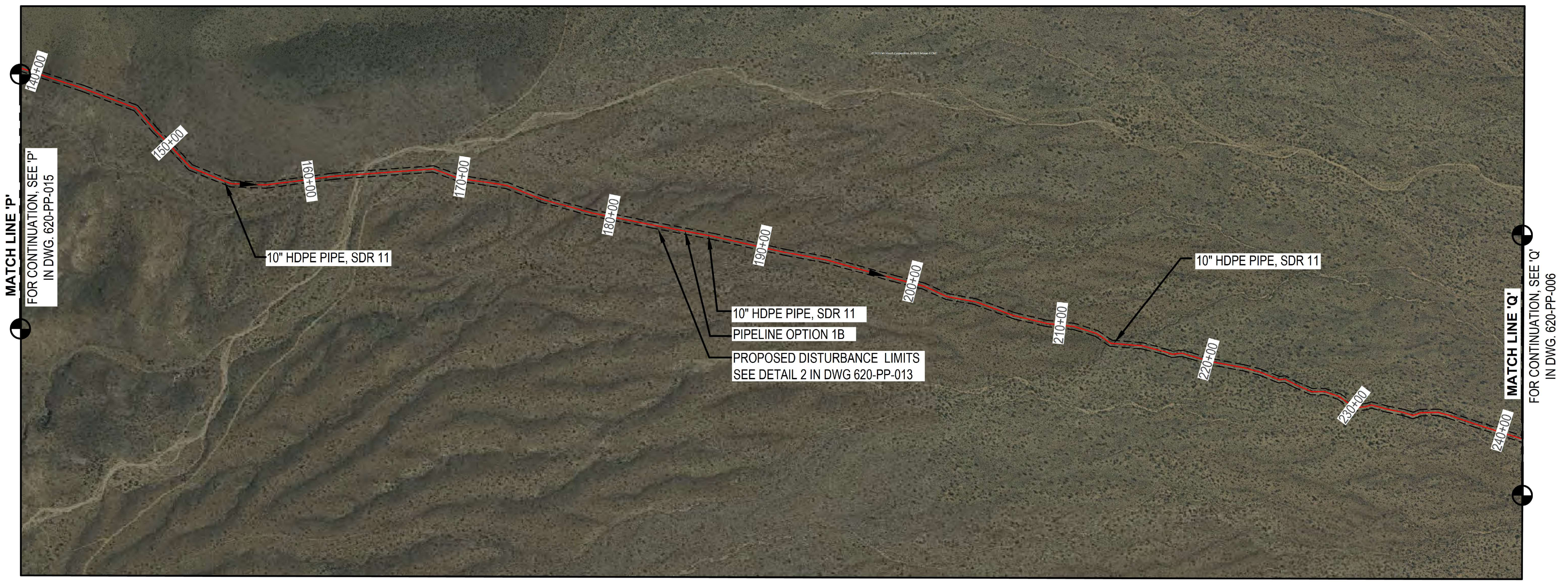
CASTLE MOUNTAIN PHASE TWO EXPANSION

WATER SUPPLY. STOR. & DIST. PIPING
IVANPAH WATER PIPELINE
PLAN/PROFILE SHEET 14

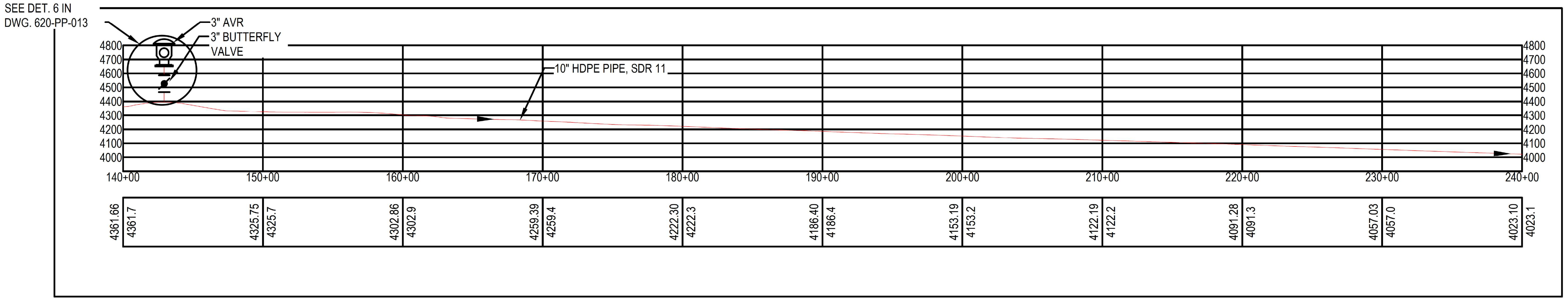
PROJECT NO. M3-PN190397.014
DWG NO.
620-PP-015
REV NO. P1
DATE 13 MAY 22

File: P:\2019\190397\190397.014\500 ENGR\540 Piping\540.3 Dwgs\620-PP-015 Rev P1.dwg LAST UPDATE: 5/25/2022 10:57 AM BY: JUAN.VALENCIA



PLAN

SCALE: 1" = 500'



PROFILE OPTION 1B

SCALE: 1" = 500'

NOTES:

1. DIMENSIONS ARE IN FEET.
2. ELEVATIONS ARE IN FEET.
3. CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO ORDERING MATERIALS OR INITIALIZING WORK.
4. ALL PIPING AND VALVES SHALL COMPLY WITH SPECIFICATION 190397-4601.
5. ALL PIPING INSTALLATION SHALL COMPLY WITH SPECIFICATION 190397-4602, 190397-4616, 190397-4618.
6. PIPE SHALL BE BURIED 2' - 6" TO TOP OF PIPE UNDER ROAD CROSSINGS.
7. AVR VALVES SHALL BE INSULATED. SEE DETAIL 5 AND TABLE 1 FOR LOCATION IN 620-PP-013. LOCATION SHALL BE VERIFIED BY FIELD ENGINEER SUPERVISOR TO ENSURE IT IS PLACED AT HIGH POINT.
8. PROFILE VERTICAL SCALE IS 1:2.

ELECTRONIC COPY OF FINAL DOCUMENT.
ORIGINAL SEALED DOCUMENT STAMPED BY
ARCHITECT OR ENGINEER OF RECORD

500' 250' 0' 500' 1000'
SCALE IN FEET

DO NOT SCALE 11x17 DRAWINGS

PRELIMINARY
NOT FOR CONSTRUCTION

EQUINOXGOLD
CASTLE MOUNTAIN VENTURE

REFERENCES		REFERENCES		REVISIONS						REVISIONS					
DWG. NO.	TITLE	DWG. NO.	TITLE	NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT	NO.	DESCRIPTION	BY	APP'D	DATE	CLIENT

SCALE: AS NOTED	DATE
DESIGNED BY MPG	NOV 21
DRAWN BY MPG	NOV 21
CHECKED BY	
PROJECT MGR	
CLIENT APPR.	

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CASTLE MOUNTAIN PHASE TWO EXPANSION

WATER SUPPLY. STOR. & DIST. PIPING
IVANPAH WATER PIPELINE
PLAN/PROFILE SHEET 15

PROJECT NO. M3-PN190397.014
DWG NO.
620-PP-016
REV NO. P1
DATE 13 MAY 22

File: P:\2019\190397\190397.014\500 ENGR\540 Piping\540.3 Dwgs\620-PP-016 Rev P1.dwg LAST UPDATE: 5/25/2022 7:34 AM BY: JUAN.VALENCIA