

# FOR LAND USE PERMITTING (EXHIBIT B)

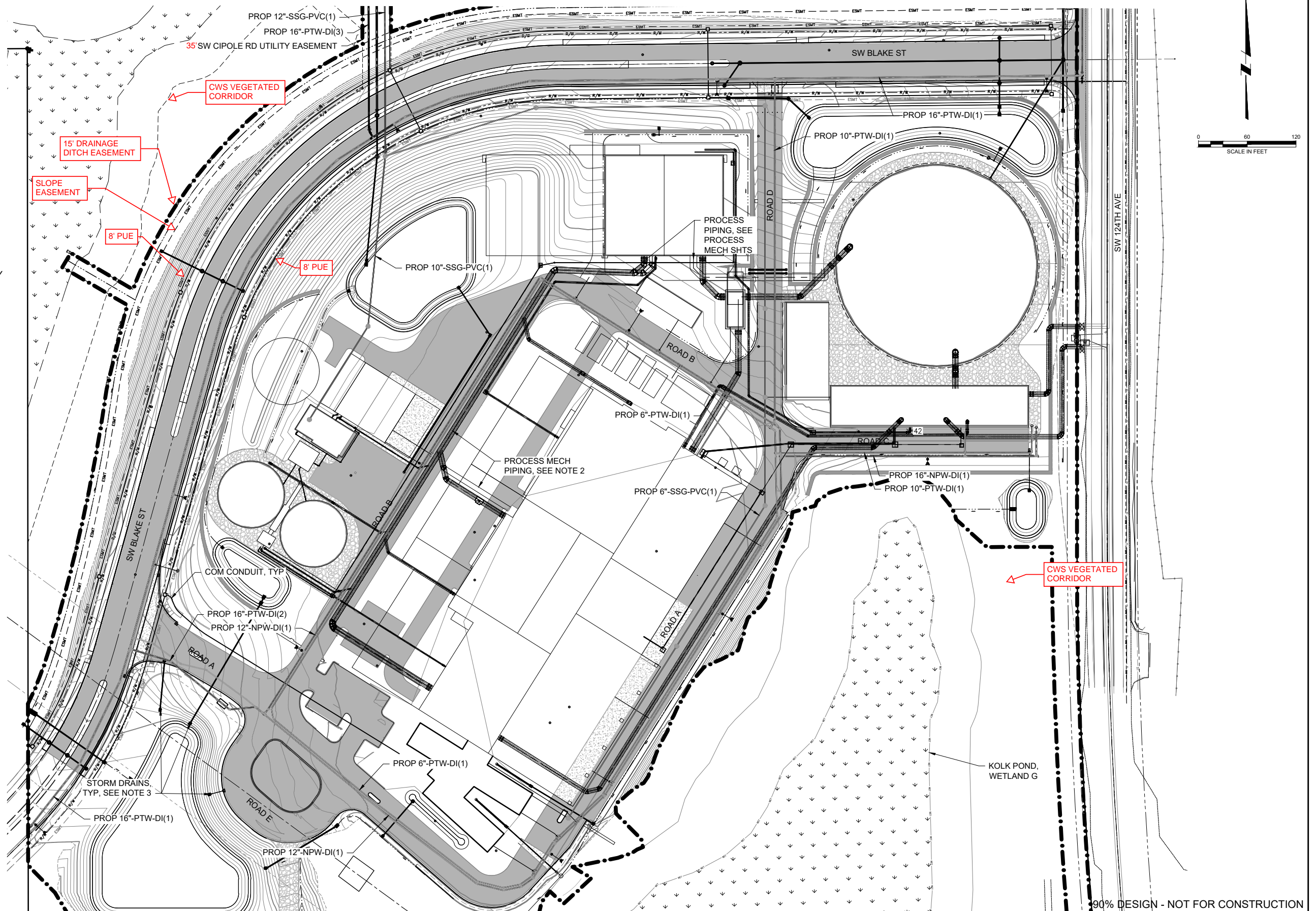
**NOTES:**

- FOR SHEET VIEW FRAMES ONLY, SEE GENERAL SHEET 01-G-02003.
- FOR PROCESS PIPING, SEE PROCESS MECHANICAL SHEETS.
- FOR STORM DRAIN PIPING, SEE GRADING, PAVING AND DRAINAGE PLANS, 03-GR-20001.

**ABBREVIATIONS:**

SOG = SANITARY SEWER (GRAVITY)  
 PVC = POLYVINYL CHLORIDE  
 PTW = POTABLE WATER  
 DI = DUCTILE IRON  
 RD = ROAD  
 PUE = PUBLIC UTILITY EASEMENT  
 CWS = CLEAN WATER SERVICES  
 NPW = NON-POTABLE WATER

HALF-STREET FRONTAGE AND RIGHT-OF-WAY (ROW) IMPROVEMENTS FOR SW 124TH AVE ARE STILL BEING COORDINATED AMONGST STAKEHOLDERS INCLUDING THE CITY AND COUNTY. THEREFORE, IMPROVEMENTS ARE NOT YET SHOWN BUT WILL BE SHOWN ON FUTURE VERSIONS OF THIS DRAWING



**SHEET B-144:  
 SITE UTILITIES  
 PLAN LAYOUT  
 AREA A**

DSGN	B FOSTER					
DR	M ESTEP					
CHK	C JAIN					
APVD	M HICKEY	NO.	DATE	REVISION	BY	APVD

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SITE  
 PIPELINE PLAN AND PROFILE  
 SITE UTILITIES LAYOUT PLAN AREA A

SHEET	DWG	03-PP-70101
DATE	AUG 2020	
PROJ	WTP_1.0	

DWG FILE: C:\cdm\kelsey.vandenberg@murraysmith.us\40274278\WTP1-03-PP-70101.dwg  
 PLOT DATE: Tuesday, February 26, 2019 2:43:59 PM  
 BY: KELSEY VANDEBERGH



# FOR LAND USE PERMITTING (EXHIBIT B)

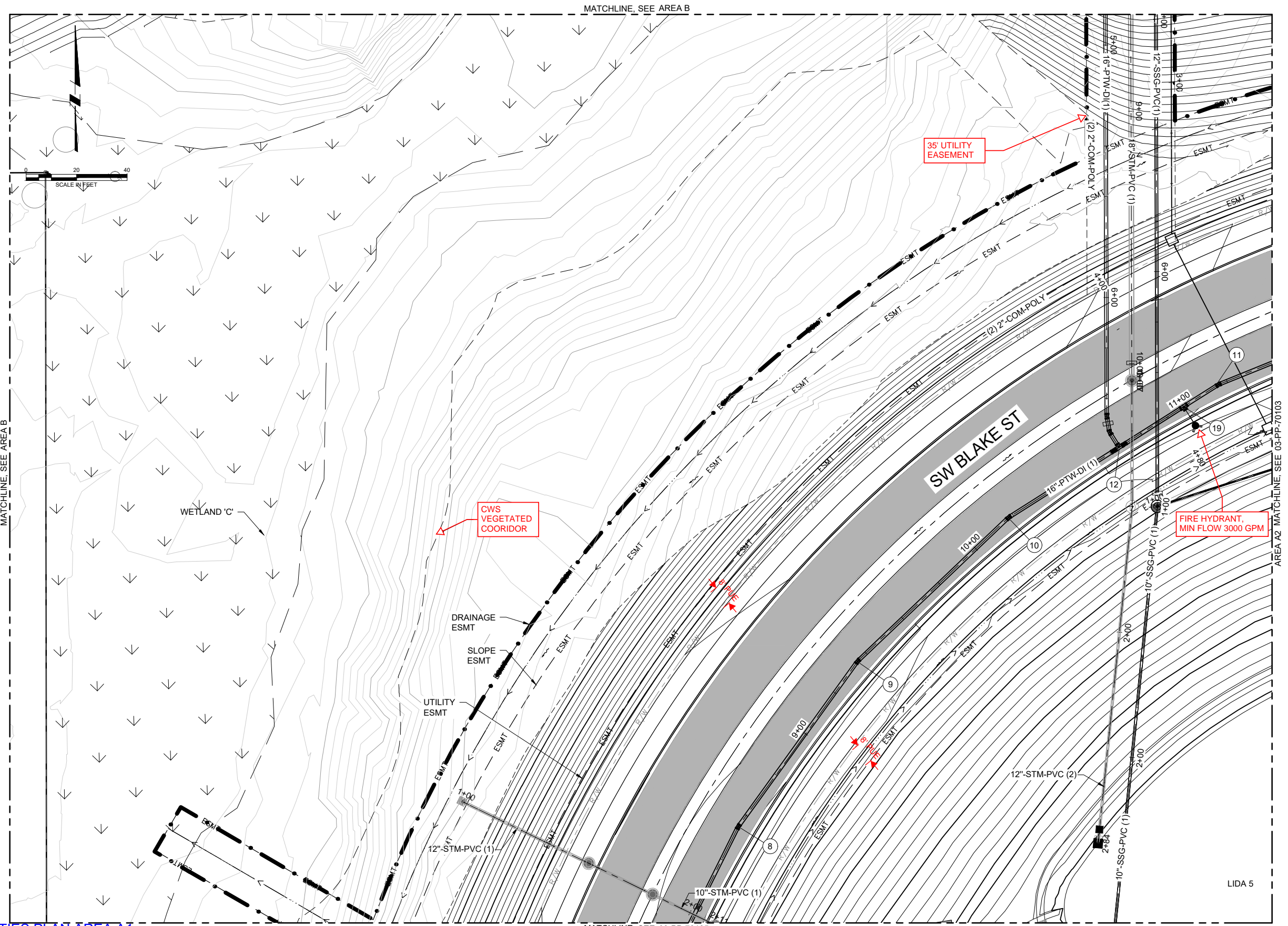
**NOTES:**

- FOR KEY NOTE DESCRIPTIONS, SEE 03-PP-70110.
- FOR 16"-PTW-DI(1) PROFILE, SEE 03-PP-70401 AND 03-PP-70402.
- FOR 10"-SSG-PVC(1) PROFILE, SEE 03-PP-70301.
- HE 2"-NGG-POLY(1) AND 2"-COM-POLY SHALL BE INSTALLED WITH 3' MINIMUM COVER, TYPICAL.
- FOR STORM CONVEYANCE SYSTEMS, SEE GRADING, PAVING AND DRAINAGE PLANS.
- CONSTRUCT 16"-PTW-DI(1) PER SINGLE PIPE TRENCH DETAIL X, SHEET X.
- CONSTRUCT 10"-SSG-PVC(1) PER SINGLE PIPE TRENCH DETAIL X, SHEET X.
- CONSTRUCT (2) 2"-COM-POLY PER DOUBLE CONDUIT TRENCH DETAIL X, SHEET X.
- CONSTRUCT 2"-NGG-POLY(1) PER SINGLE PIPE TRENCH DETAIL X, SHEET X.
- FOR PROCESS MECHANICAL PIPING, SEE PROCESS PIPING PLAN SHEETS.

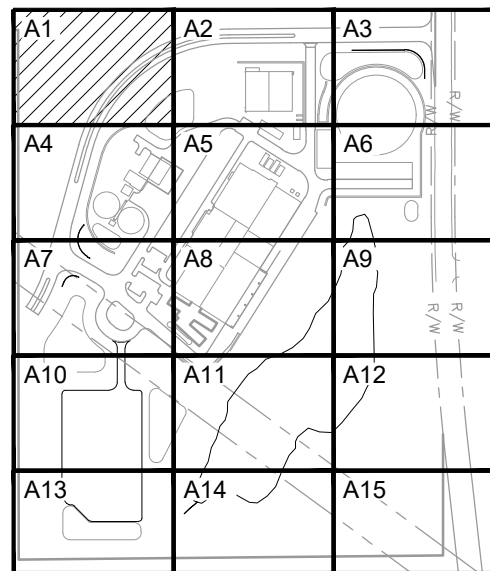
BY: KELSEY VANDEBERGH

PLOT DATE: Monday, February 25, 2019 4:12:54 PM

DWG FILE: C:\cdm\kelsey.vandeborgh\murraysmith.us\0274278\WTP1-03-PP-70102.dwg



**KEY MAP**



**SHEET B-145: SITE UTILITIES PLAN AREA A1**

AREA A4 MATCHLINE, SEE 03-PP-70105

90% DESIGN - NOT FOR CONSTRUCTION

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DR	M ESTEP					
CHK	B FOSTER					
APVD	M HICKEY					

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SITE  
PIPELINE PLAN AND PROFILE  
SITE UTILITIES PLAN AREA A1

SHEET	DWG	03-PP-70102
DATE	AUG 2020	
PROJ	WTP_1.0	

PLOT DATE AND TIME: 8/24/2020 11:40:26 AM

# FOR LAND USE PERMITTING (EXHIBIT B)

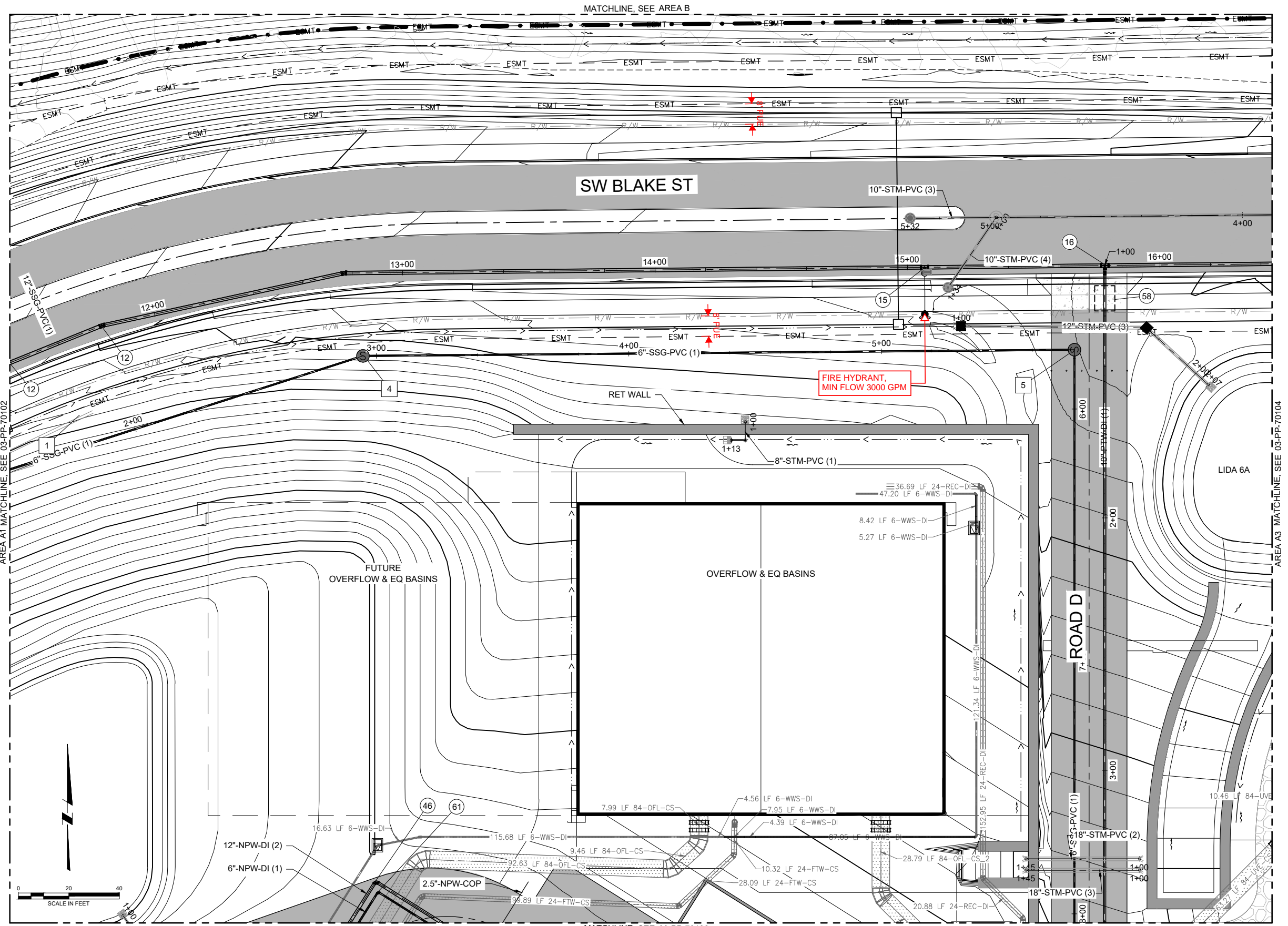
**NOTES:**

1. FOR KEY NOTE DESCRIPTIONS, SEE 03-PP-70110.
2. FOR 16"-PTW-DI(1) PROFILE, SEE 03-PP-70401.
3. FOR 10"-PTW-DI(1) PROFILE, SEE 03-PP-70406.
4. FOR 12"-NPW-DI(2) AND 6"-PTW-DI(2) PROFILE, SEE 03-PP-70405.
5. FOR 10"-SSG-PVC(1) AND 6"-SSG-PVC(1) PROFILES, SEE 03-PP-70301.
6. THE 2"-NGG-POLY(1) AND 2"-COM-POLY SHALL BE INSTALLED WITH 3" MINIMUM COVER.
7. FOR STORM CONVEYANCE SYSTEMS, SEE GRADING, PAVING AND DRAINAGE PLANS.
8. CONSTRUCT 16"-PTW-DI(1) AND 10"-PTW-DI(1) PER DOUBLE PIPE TRENCH DETAIL X, SHEET X.
9. CONSTRUCT 12"-NPW-DI(2) AND 6"-PTW-DI(2) PER DOUBLE PIPE TRENCH DETAIL X, SHEET X.
10. CONSTRUCT 10"-SSG-PVC(1) AND 6"-SSG-PVC(1) PER SINGLE PIPE TRENCH DETAIL X, SHEET X.
11. CONSTRUCT (2) 2"-COM-POLY PER DOUBLE CONDUIT TRENCH DETAIL X, SHEET X.
12. CONSTRUCT 2"-NGG-POLY(1) PER SINGLE PIPE TRENCH DETAIL X, SHEET X.
13. FOR PROCESS MECHANICAL PIPING, SEE PROCESS PIPING PLAN SHEETS.

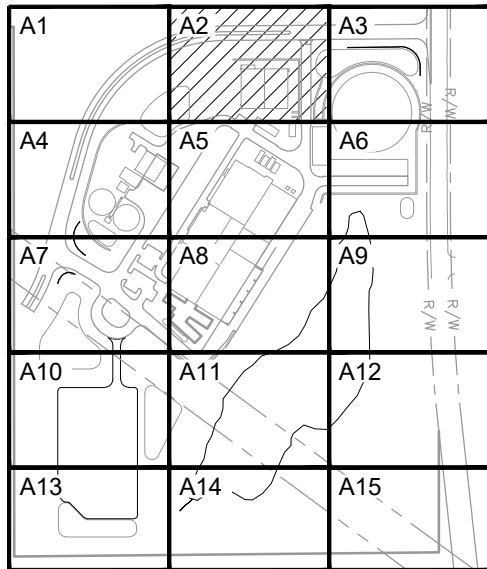
BY: KELSEY VANDEBERGH

PLOT DATE: Monday, February 25, 2019 4:13:18 PM

DWG FILE: C:\cdm\kelsey.vandeborgh@murraysmith.us\d0274278\WTP1-03-PP-70102.dwg



**KEY MAP**



**SHEET B-146: SITE UTILITIES PLAN AREA A2**

DSGN	E RODRIGUEZ	NO.	DATE	REVISION	BY	APVD
DR	M ESTEP					
CHK	B FOSTER					
APVD	M HICKEY					

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SITE  
PIPELINE PLAN AND PROFILE  
SITE UTILITIES PLAN AREA A2

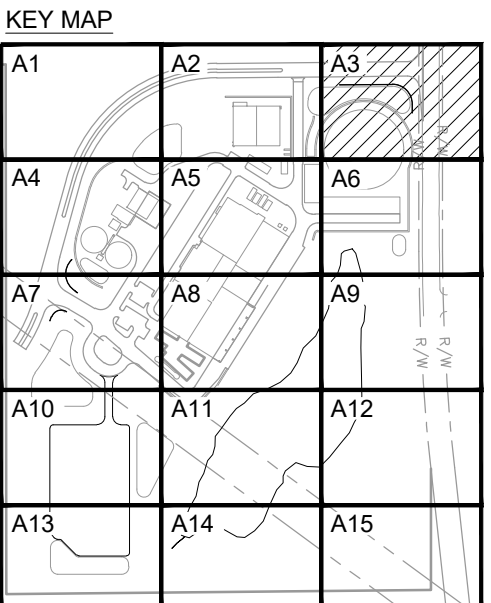
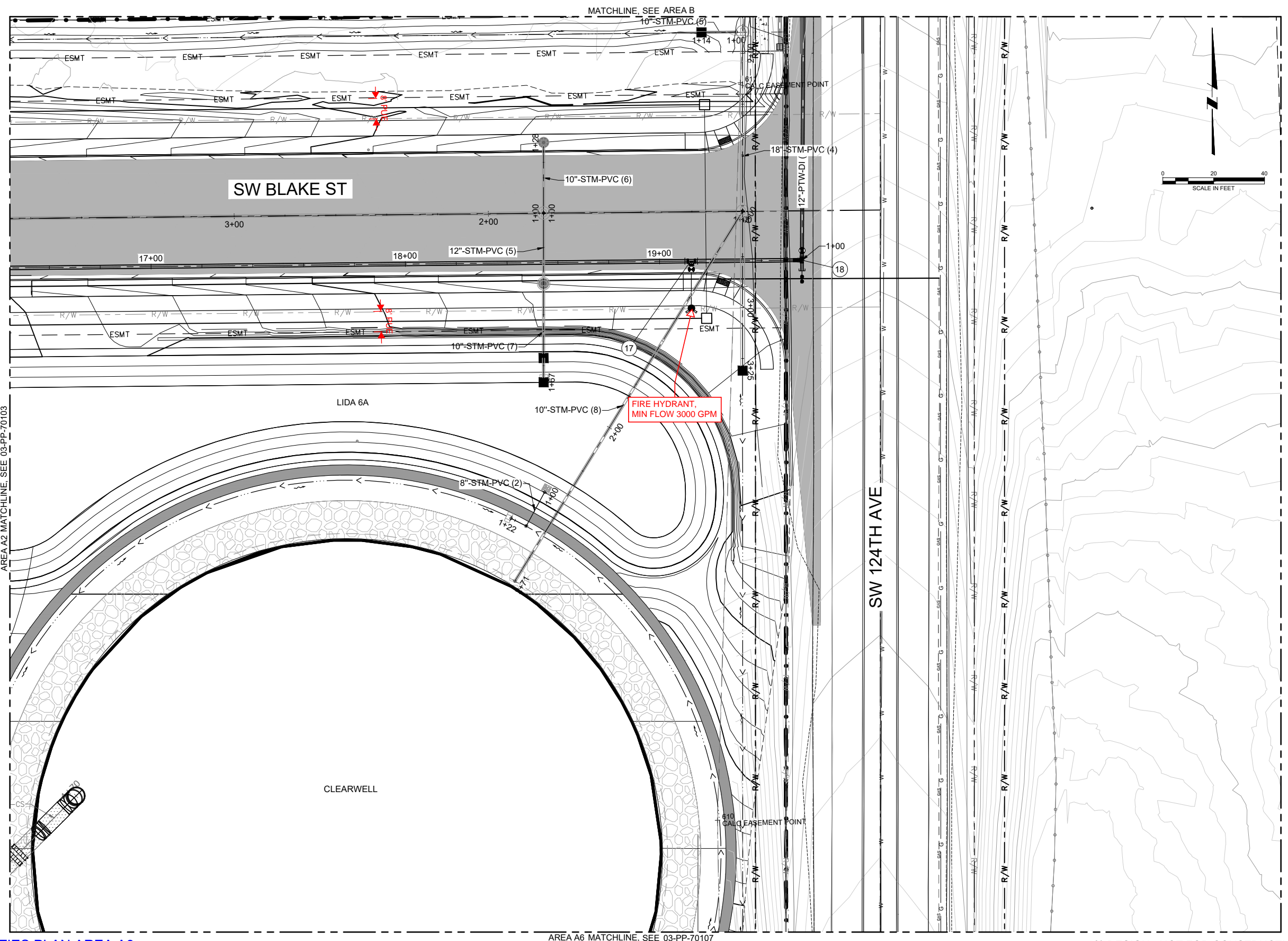
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DATE	AUG 2020	
PROJ	WTP_1.0	



# FOR LAND USE PERMITTING (EXHIBIT B)

- NOTES:**
- FOR KEY NOTE DESCRIPTIONS, SEE 03-PP-70110.
  - FOR 16"-PTW-DI(1) PROFILE, SEE 03-PP-70402.
  - FOR 12"-PTW-DI(2) PROFILE, SEE SHEET X.
  - THE 2"-NGG-POLY(1) AND 2"-COM-POLY SHALL BE INSTALLED WITH 3' MINIMUM COVER, TYPICAL.
  - FOR STORM CONVEYANCE SYSTEMS, SEE GRADING, PAVING AND DRAINAGE PLANS.
  - CONSTRUCT 16"-PTW-DI(1) PER SINGLE PIPE TRENCH DETAIL X, SHEET X.
  - CONSTRUCT 2"-COM-POLY PER DOUBLE CONDUIT TRENCH DETAIL X, SHEET X.
  - CONSTRUCT 2"-NGG-POLY(1) PER SINGLE PIPE TRENCH DETAIL X, SHEET X.
  - FOR PROCESS MECHANICAL PIPING, SEE PROCESS PIPING PLAN SHEETS.

HALF-STREET FRONTAGE AND RIGHT-OF-WAY (ROW) IMPROVEMENTS FOR SW 124TH AVE ARE STILL BEING COORDINATED AMONGST STAKEHOLDERS INCLUDING THE CITY AND COUNTY. THEREFORE, IMPROVEMENTS ARE NOT YET SHOWN BUT WILL BE SHOWN ON FUTURE VERSIONS OF THIS DRAWING



**SHEET B-147: SITE UTILITIES PLAN AREA A3**

DSGN	E RODRIGUEZ	NO.	DATE	REVISION	BY	APVD
DR	M ESTEP					
CHK	B FOSTER					
APVD	M HICKEY					

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SITE  
 PIPELINE PLAN AND PROFILE  
 SITE UTILITIES PLAN AREA A3

SHEET	DWG 03-PP-70104
DATE	AUG 2020
PROJ	WTP_1.0

DWG FILE: C:\csm\kelsey.vandenberg@murraysmith.us\0274278\WTP1-03-PP-70102.dwg  
 PLOT DATE: Monday, February 25, 2019 4:23:12 PM  
 BY: KELSEY VANDEBERGH



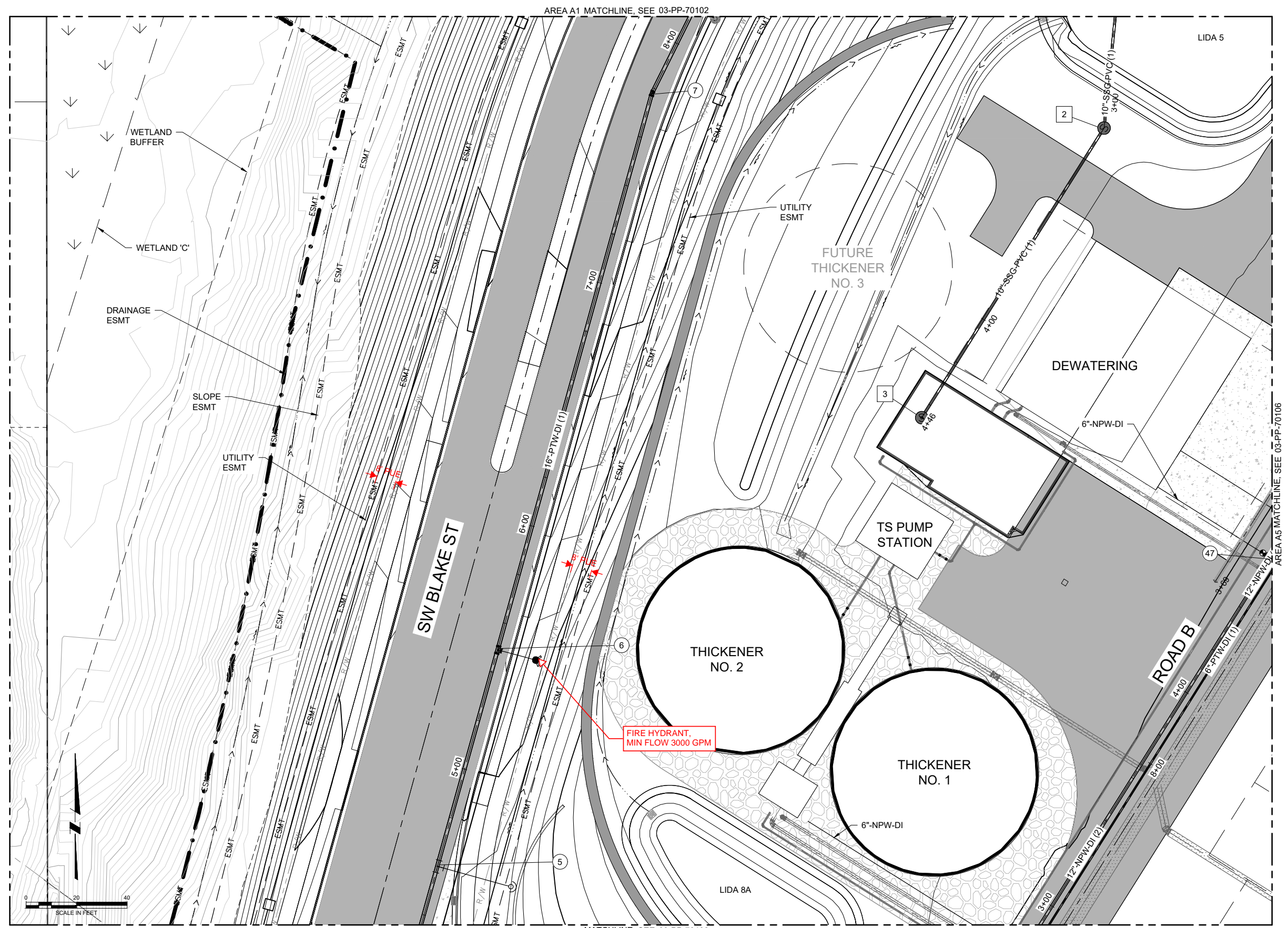
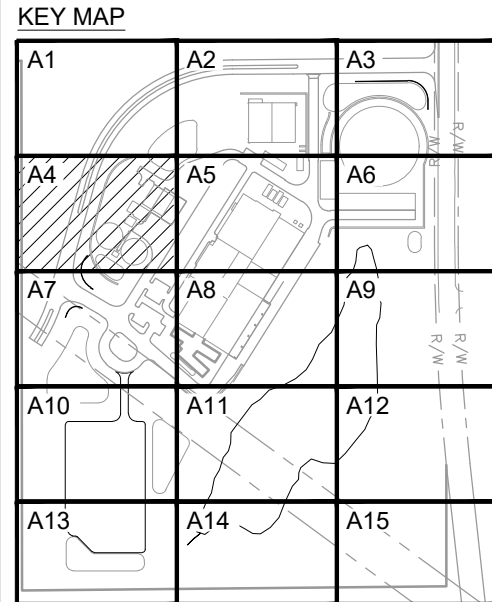
# FOR LAND USE PERMITTING (EXHIBIT B)

- NOTES:**
- FOR KEY NOTE DESCRIPTIONS, SEE 03-PP-70110.
  - FOR 16"-PTW-DI(1) PROFILE, SEE 03-PP-70401.
  - FOR 12"-NPW-DI(2) AND 6"-PTW-DI(1) PROFILE, SEE 03-PP-70405.
  - FOR 10"-SSG-PVC(1) PROFILE, SEE 03-PP-70301.
  - THE 2"-NGG-POLY(1) AND 2"-COM-POLY SHALL BE INSTALLED WITH 3' MINIMUM COVER, TYPICAL.
  - FOR STORM CONVEYANCE SYSTEMS, SEE GRADING, PAVING AND DRAINAGE PLANS.
  - CONSTRUCT 16"-PTW-DI(1) PER SINGLE PIPE TRENCH DETAIL X, SHEET X.
  - CONSTRUCT 12"-NPW-DI(2) AND 6"-PTW-DI(1) PER DOUBLE PIPE TRENCH DETAIL X, SHEET X.
  - CONSTRUCT 10"-SSG-PVC(1) PER SINGLE PIPE TRENCH DETAIL X, SHEET X.
  - CONSTRUCT (2)2"-COM-POLY PER DOUBLE CONDUIT TRENCH DETAIL X, SHEET X.
  - CONSTRUCT 2"-NGG-POLY(1) PER SINGLE PIPE TRENCH DETAIL X, SHEET X.
  - FOR PROCESS MECHANICAL PIPING, SEE PROCESS PIPING PLAN SHEETS.

BY: KELSEY VANDEBERGH

PLOT DATE: Monday, February 25, 2019 4:25:12 PM

DWG FILE: C:\cdm\kelsey.vandenberg\murraysmith.us\40274278\WTP1-03-PP-70102.dwg



**SHEET B-148: SITE UTILITIES PLAN AREA A4**

DSGN	E RODRIGUEZ	NO.	DATE	REVISION	BY	APVD
DR	M ESTEP					
CHK	B FOSTER					
APVD	M HICKEY					

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SITE  
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SITE UTILITIES PLAN AREA A4

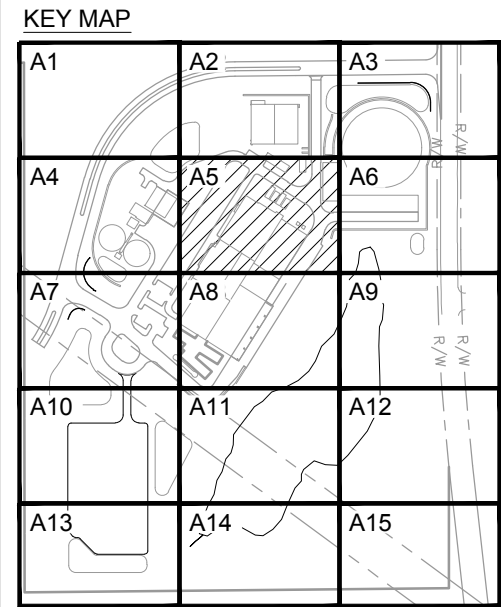
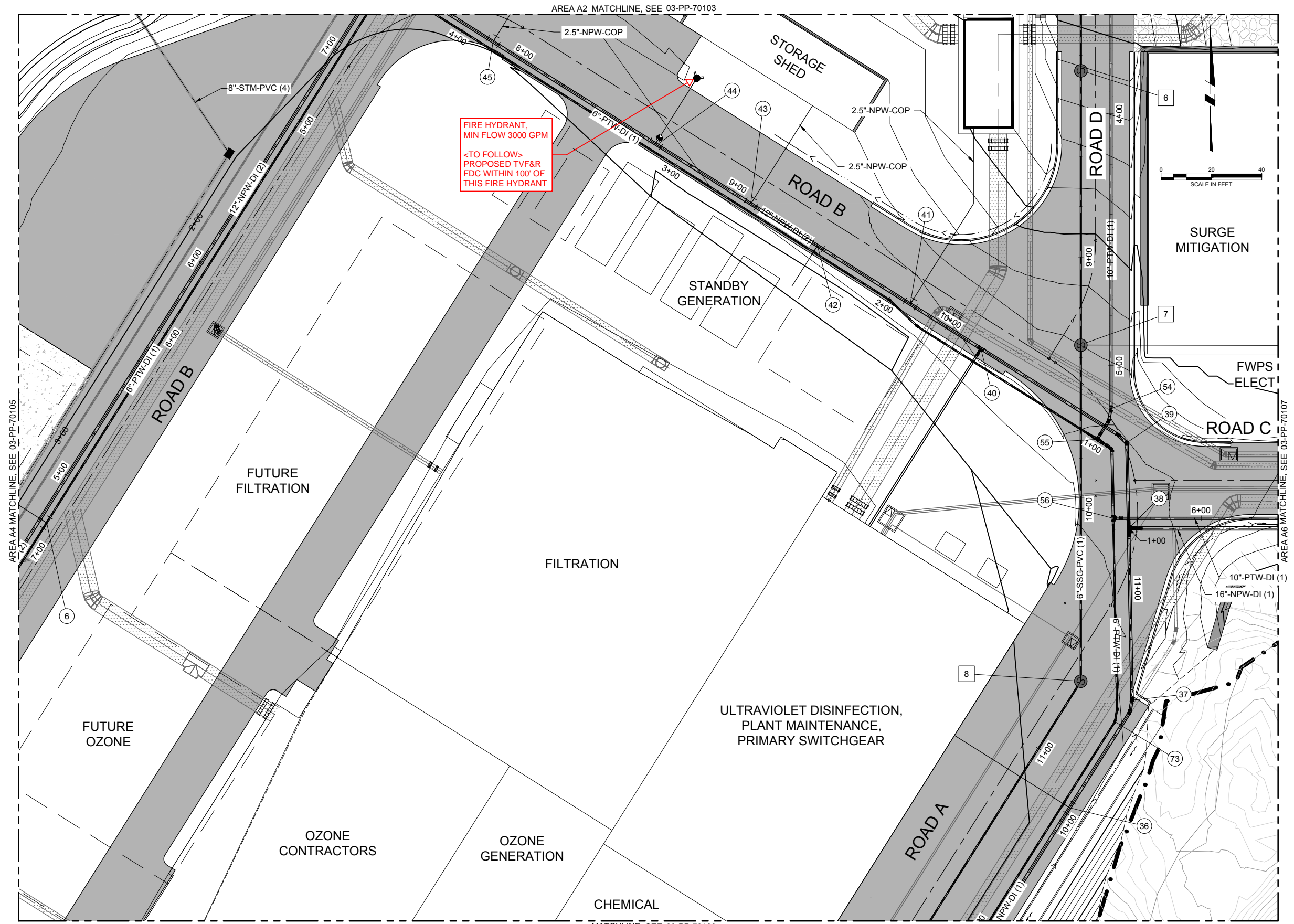
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DATE	AUG 2020	
PROJ	WTP_1.0	

PLOT DATE AND TIME: 8/24/2020 11:40:26 AM



# FOR LAND USE PERMITTING (EXHIBIT B)

- NOTES:
- FOR KEY NOTE DESCRIPTIONS, SEE 03-PP-70110.
  - FOR 10"-PTW-DI(1) PROFILE, SEE 03-PP-70401 AND 03-PP-70404.
  - FOR 12"-NPW-DI(1) AND 6"-PTW-DI(1) PROFILE, SEE 03-PP-70404.
  - FOR 12"-NPW-DI(2) AND 6"-PTW-DI(1) PROFILE, SEE 03-PP-70403.
  - FOR 6"-SSG-PVC(1) PROFILES, SEE 03-PP-70402.
  - FOR STORM CONVEYANCE SYSTEMS, SEE GRADING PAVING, AND DRAINAGE PLANS.
  - CONSTRUCT 12"-NPW-DI(1) OR (2) AND 6"-PTW-DI(1) OR (2) PER EITHER SINGLE PIPE TRENCH DETAIL X, SHEET X OR DOUBLE PIPE TRENCH DETAIL X, SHEET X, DEPENDING ON CENTERLINE SPACING.
  - CONSTRUCT 10"-PTW-DI PER SINGLE PIPE TRENCH DETAIL X, SHEET X.
  - FOR PROCESS MECHANICAL PIPING, SEE PROCESS PIPING PLAN SHEETS.



SHEET B-149: SITE UTILITIES PLAN AREA A5

DSGN	E RODRIGUEZ	NO.	DATE	REVISION	BY	APVD
DR	M ESTEP					
CHK	B FOSTER					
APVD	M HICKEY					

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SITE  
 PIPELINE PLAN AND PROFILE  
 SITE UTILITIES PLAN AREA A5

SHEET	DWG	03-PP-70106
DATE	AUG 2020	
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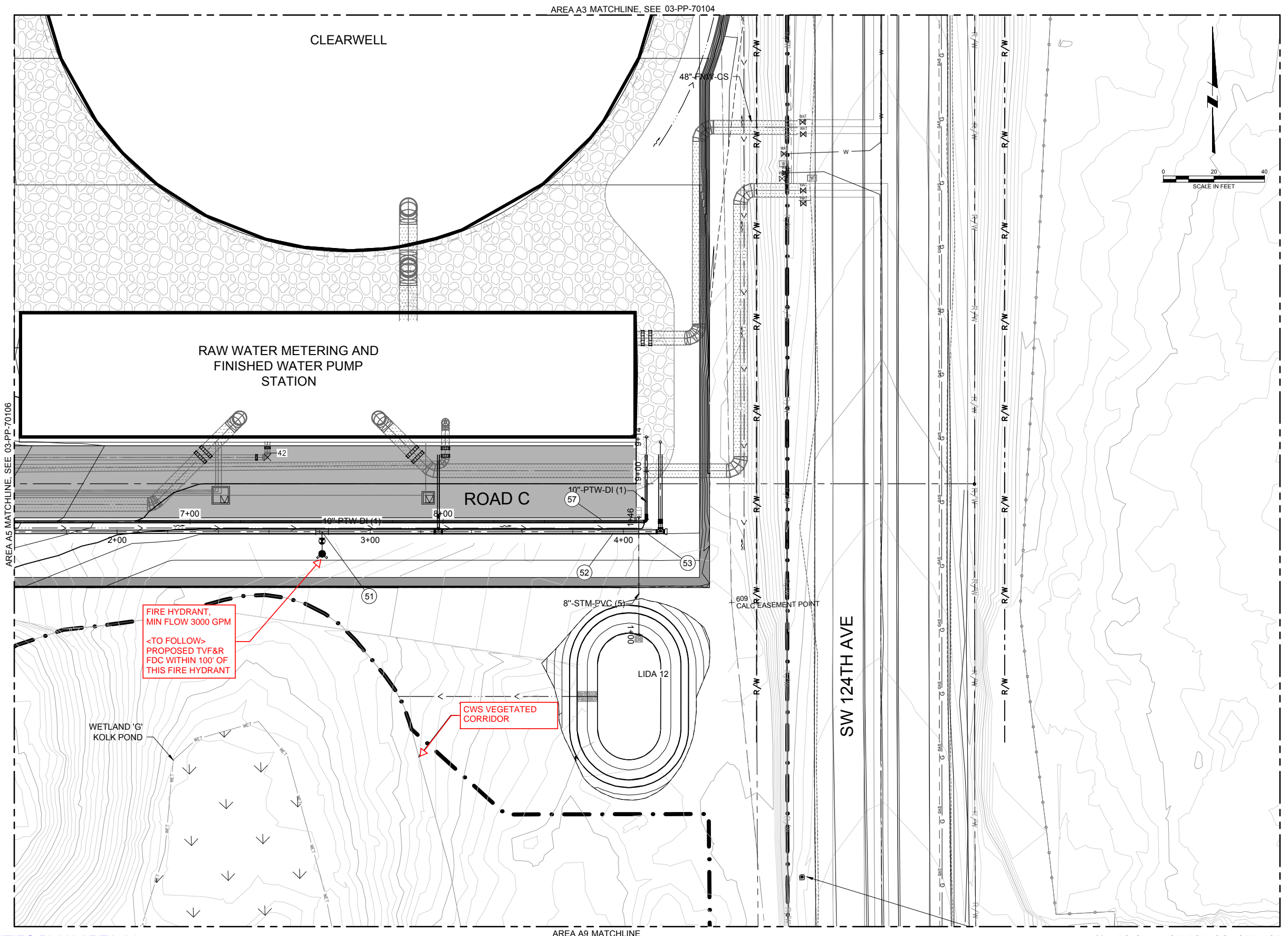
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 BY: KELSEY VANDEBERGH  
 PLOT DATE: Monday, February 25, 2019 4:25:38 PM



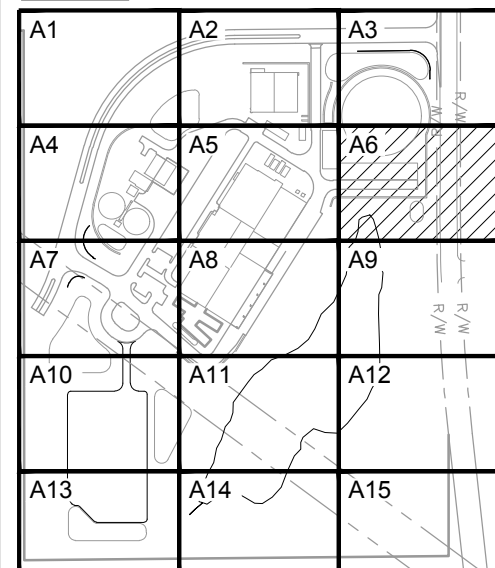
# FOR LAND USE PERMITTING (EXHIBIT B)

- NOTES:**
- FOR KEY NOTE DESCRIPTIONS, SEE 03-PP-70110.
  - FOR 16"-NPW-DI(1) AND 10"-PTW-DI(1) PROFILE, SEE 03-PP-70406.
  - FOR STORM CONVEYANCE SYSTEMS, SEE GRADING PAVING, AND DRAINAGE PLANS.
  - FOR PROCESS MECHANICAL PIPING, SEE PROCESS PIPING PLAN SHEETS.
  - CONSTRUCT 16"-NPW-DI(1) AND 10"-PTW-DI(1) PER DOUBLE PIPE TRENCH DETAIL X, SHEET X.

HALF-STREET FRONTAGE AND RIGHT-OF-WAY (ROW) IMPROVEMENTS FOR SW 124TH AVE ARE STILL BEING COORDINATED AMONGST STAKEHOLDERS INCLUDING THE CITY AND COUNTY. THEREFORE, IMPROVEMENTS ARE NOT YET SHOWN BUT WILL BE SHOWN ON FUTURE VERSIONS OF THIS DRAWING



**KEY MAP**



**SHEET B-150: SITE UTILITIES PLAN AREA A6**

DSGN	E RODRIGUEZ	NO.	DATE	REVISION	BY	APVD
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CHK	B FOSTER					
APVD	M HICKEY					

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SITE  
 PIPELINE PLAN AND PROFILE  
 SITE UTILITIES PLAN AREA A6

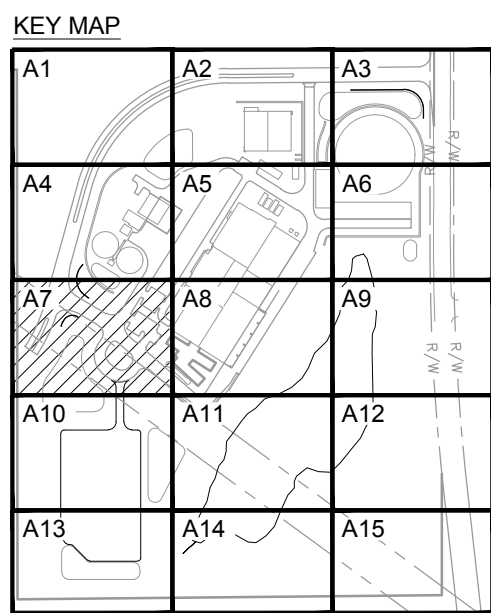
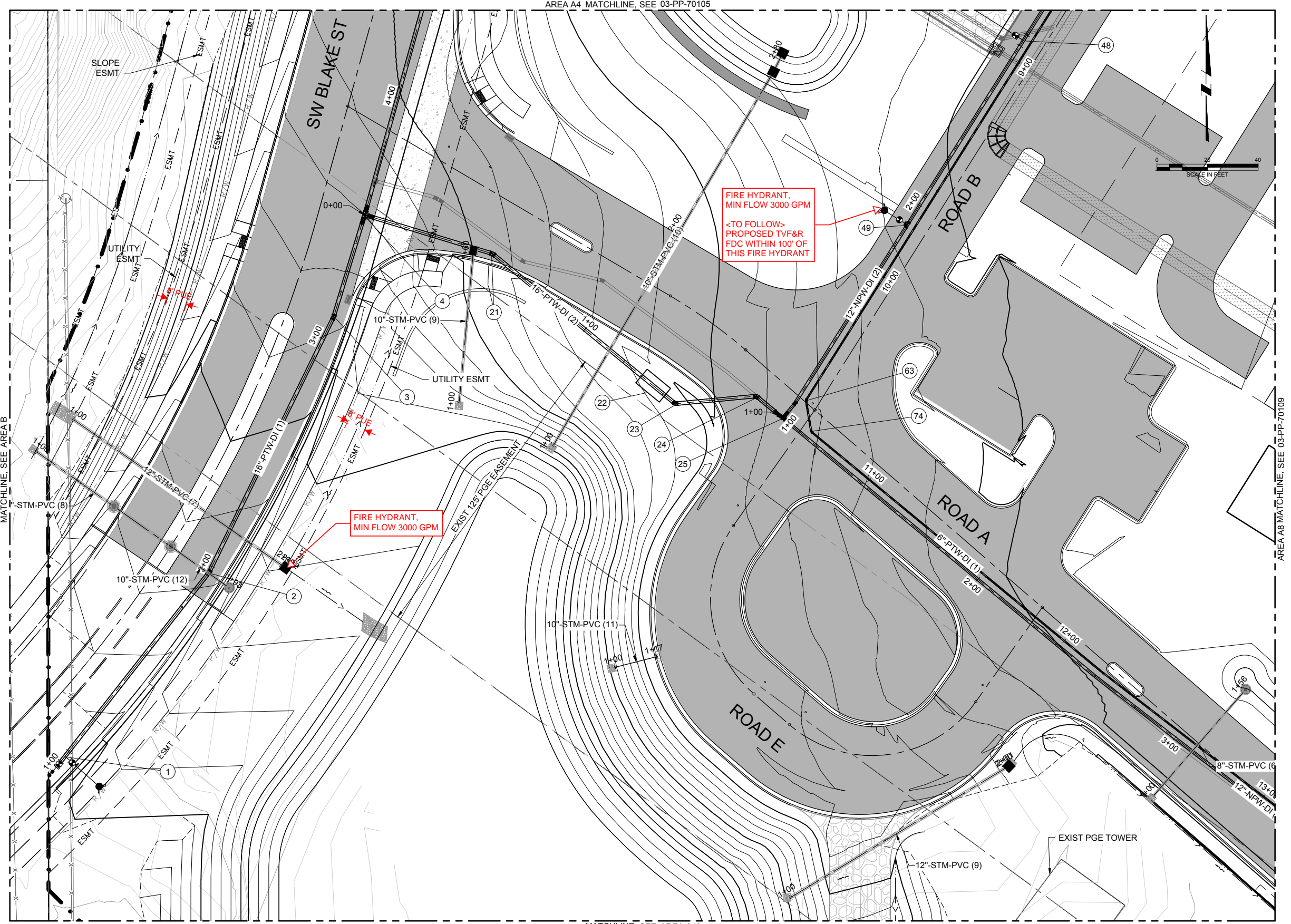
SHEET	DWG	03-PP-70107
DATE	AUG 2020	
PROJ	WTP_1.0	

DWG FILE: C:\cdm\kelsey.vandenberg@murraysmith.us\0274278\WTP1-03-PP-70102.dwg  
 PLOT DATE: Monday, February 25, 2019 4:26:03 PM  
 BY: KELSEY VANDEBERGH



# FOR LAND USE PERMITTING (EXHIBIT B)

- NOTES:**
- FOR KEY NOTE DESCRIPTIONS, SEE 03-PP-70110.
  - FOR 16"-PTW-DI(1) PROFILE, SEE 03-PP-70401.
  - FOR 16"-PPTW-DI(2), 12"-PTW-DI(1), 12"-NPW-DI(2), 6"-PTW-DI(2) AND 6"-PTW-DI(1) PROFILES, SEE 03-PP-70403 AND X.
  - THE 2"-NGG-POLY(1) AND 2"-COM-POLY SHALL BE INSTALLED WITH 3' MINIMUM COVER, TYPICAL.
  - FOR STORM CONVEYANCE SYSTEMS, SEE GRADING, PAVING AND DRAINAGE PLANS.
  - CONSTRUCT 16"-PTW-DI(1) AND (2) PER SINGLE PIPE TRENCH DETAIL X, SHEET X.
  - CONSTRUCT 12"-NPW-DI(1) AND 6"-PTW-DI(1) PER DOUBLE PIPE TRENCH DETAIL X, SHEET X.
  - CONSTRUCT (2) 2"-COM-POLY PER DOUBLE CONDUIT TRENCH DETAIL X, SHEET X.
  - CONSTRUCT 2"-NGG-POLY(1) PER SINGLE PIPE TRENCH DETAIL X, SHEET X.
  - FOR PROCESS MECHANICAL PIPING, SEE PROCESS PIPING PLAN SHEETS.



**SHEET B-151: SITE UTILITIES PLAN AREA A7**

DSGN	E RODRIGUEZ	NO.	DATE	REVISION	BY	APVD
DR	M ESTEP					
CHK	B FOSTER					
APVD	M HICKEY					

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SITE  
 PIPELINE PLAN AND PROFILE  
 SITE UTILITIES PLAN AREA A7

SHEET	DWG	03-PP-70108
DATE		AUG 2020
PROJ		WTP_1.0

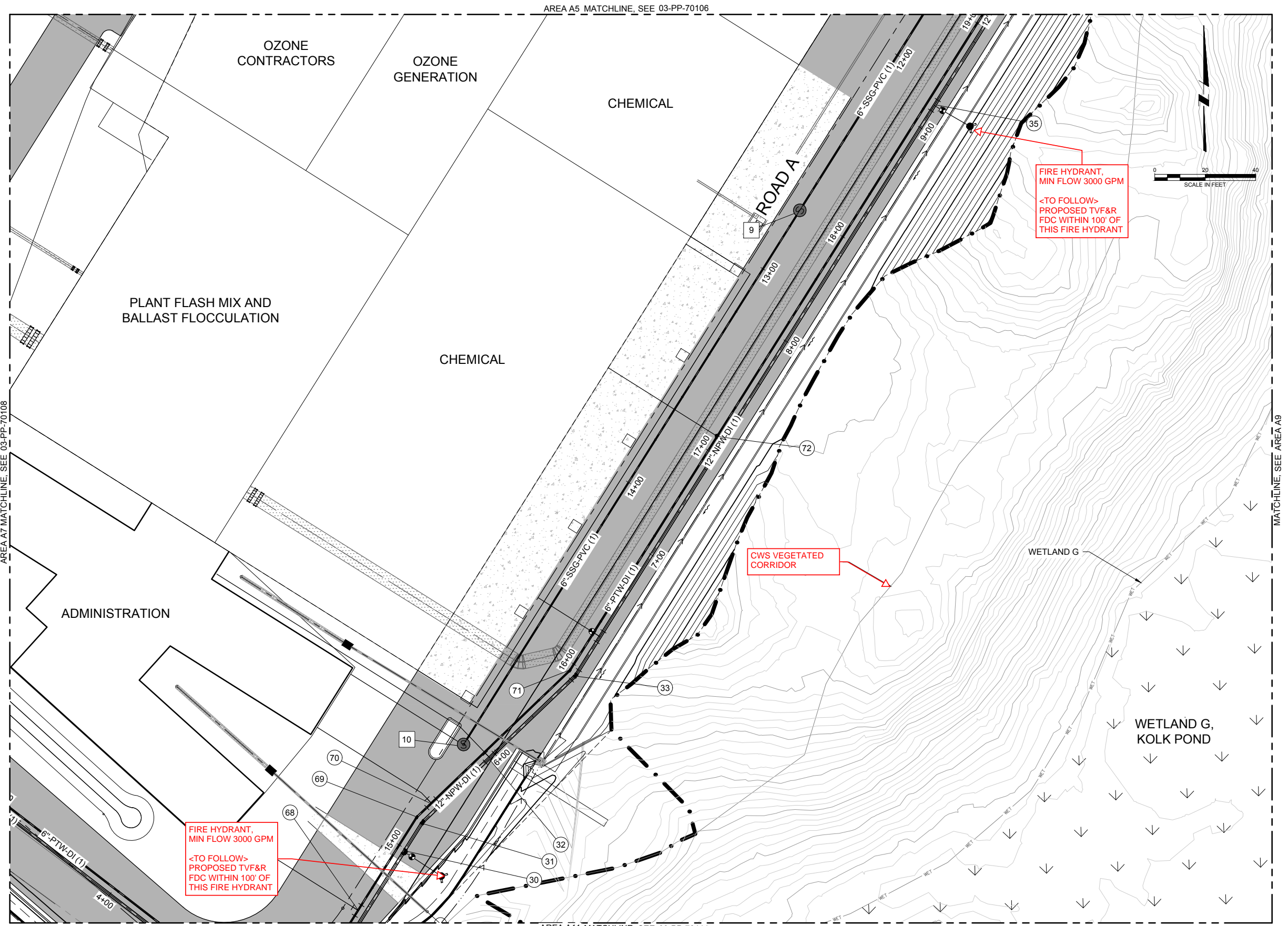
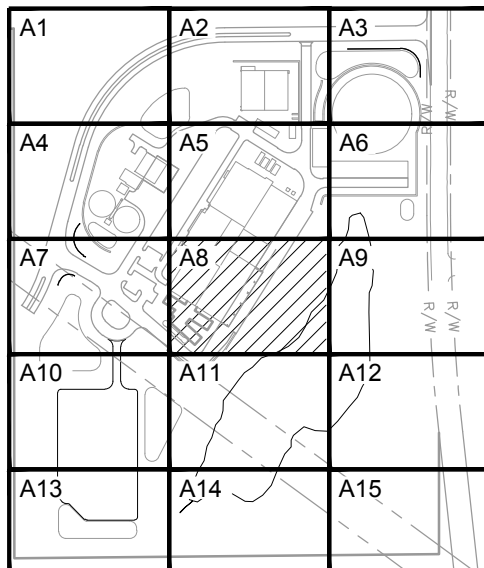
DWG FILE: C:\cdm\kelsey.vandenberg@murraysmith.us\0274278\WTP1-03-PP-70102.dwg  
 BY: KELSEY VANDEBERGH  
 PLOT DATE: Monday, February 25, 2019 4:26:25 PM



# FOR LAND USE PERMITTING (EXHIBIT B)

- NOTES:
1. FOR KEY NOTE DESCRIPTIONS, SEE 03-PP-70110.
  2. FOR 12"-NPW-DI(1) AND 6"-PTW-DI(1) PROFILE, SEE 03-PP-70403.
  3. FOR 6"-SSG-PVC(1) PROFILE SE 03-PP-70302.
  4. FOR STORM CONVEYANCE SYSTEMS, SEE GRADING PAVING AND DRAINAGE PLANS.
  5. CONSTRUCT 12"-NPW-DI(1) AND 6"-PTW-DI(1) PER DOUBLE PIPE TRENCH DETAIL X, SHEET X.
  6. CONSTRUCT 6"-SSG-PVC(1) PER SINGLE PIPE TRENCH DETAIL X, SHEET X.
  7. FOR PROCESS MECHANICAL PIPING, SEE PROCESS PIPING PLAN SHEETS.

### KEY MAP



### SHEET B-152: SITE UTILITIES PLAN AREA A8

DSGN	E RODRIGUEZ	NO.	DATE	REVISION	BY	APVD
DR	M ESTEP					
CHK	B FOSTER					
APVD	M HICKEY					

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 Tel: (503) 232-1800

SITE  
 PIPELINE PLAN AND PROFILE  
 SITE UTILITIES PLAN AREA A8

SHEET	DWG	03-PP-70109
DATE	AUG 2020	
PROJ	WTP_1.0	

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PLOT DATE AND TIME: 8/24/2020 11:40:26 AM

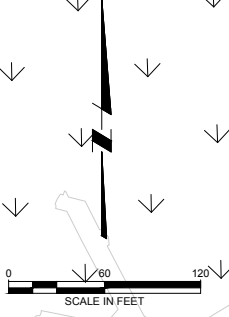
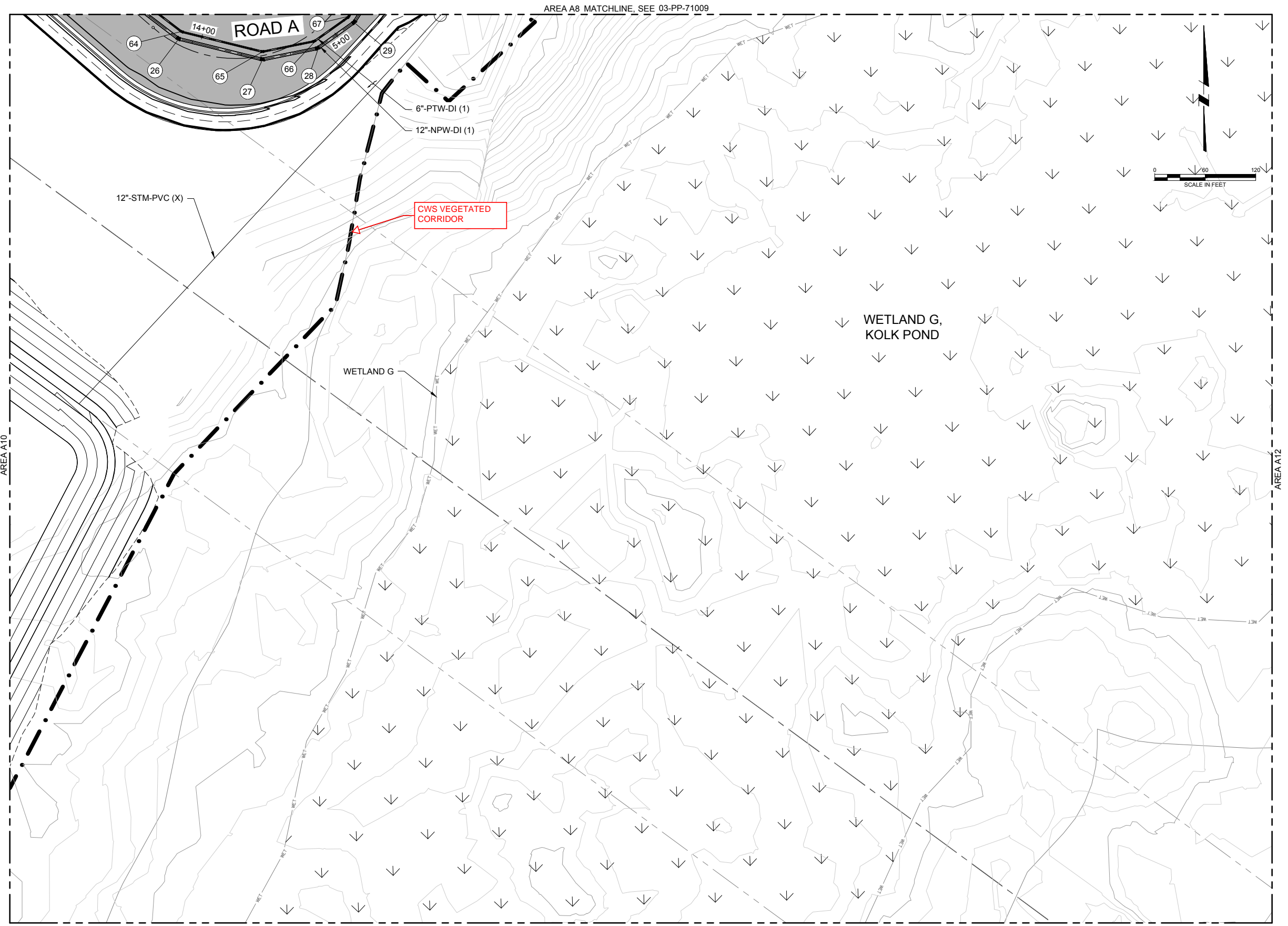
DWG FILE: C:\cdm\kelsey.vandenberg@murraysmith.us\0274278\WTP1-03-PP-70102.dwg  
 PLOT DATE: Monday, February 25, 2019 4:26:45 PM  
 BY: KELSEY VANDEBERGH



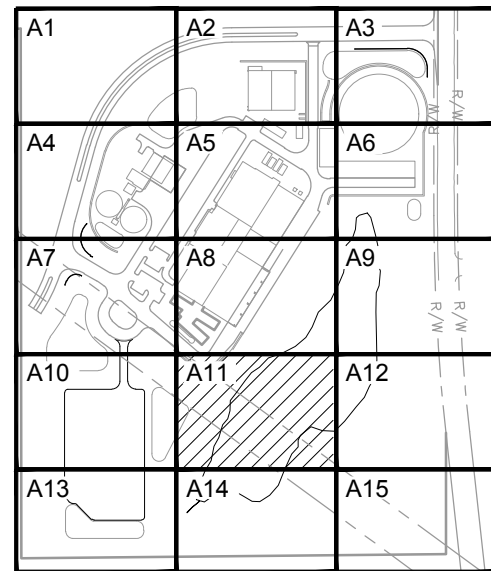
# FOR LAND USE PERMITTING (EXHIBIT B)

**NOTES:**

1. FOR KEY NOTE DESCRIPTIONS, SEE 03-PP-70110.
2. FOR 12"-NPW-DI(1) AND 6"-PTW-DI(1) PROFILE, SEE 03-PP-70403.
3. FOR STORM CONVEYANCE SYSTEMS, SEE GRADING PAVING AND DRAINAGE PLANS.
4. CONSTRUCT 12"-NPW-DI(1) AND 6"-PTW-DI(1) PER DOUBLE PIPE TRENCH DETAIL X, SHEET X.



**KEY MAP**



**SHEET B-153: SITE UTILITIES PLAN AREA A11**

90% DESIGN - NOT FOR CONSTRUCTION

DSGN	E RODRIGUEZ				
DR	M ESTEP				
CHK	B FOSTER				
APVD	M HICKEY	NO.	DATE	REVISION	BY

VERIFY SCALE  
 BAR IS ONE INCH ON ORIGINAL DRAWING.  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



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 WATER TREATMENT PLANT\_1.0

**CDM Smith**  
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 Tel: (503) 232-1800

SITE  
 PIPELINE PLAN AND PROFILE  
 SITE UTILITIES PLAN AREA A11

SHEET	DWG	03-PP-70111
DATE	AUG 2020	
PROJ	WTP_1.0	

PLOT DATE AND TIME: 8/24/2020 11:40:26 AM

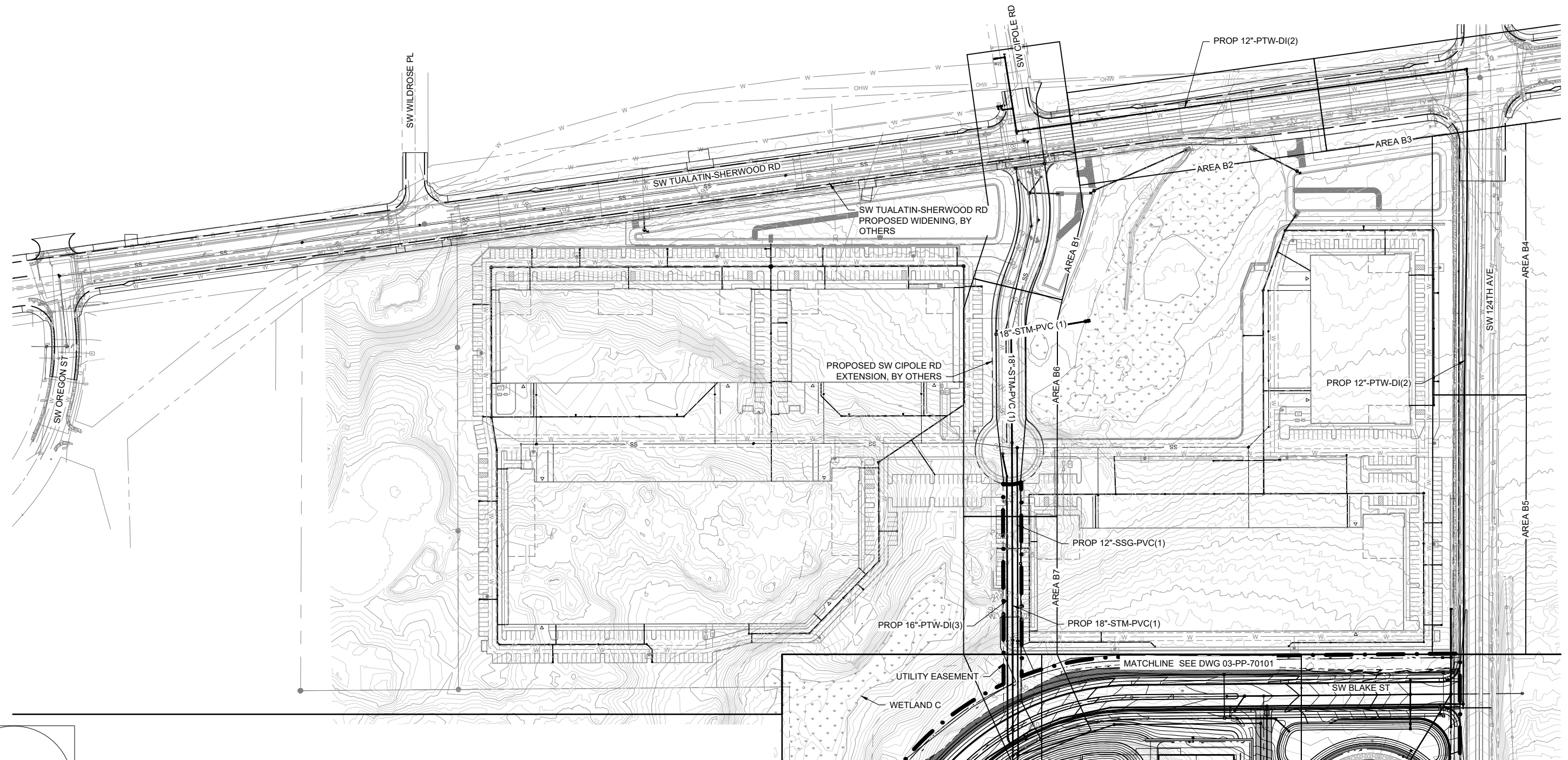
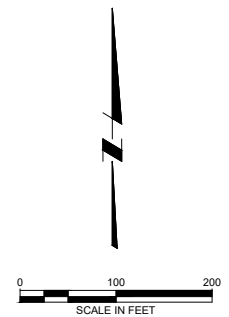
DWG FILE: C:\cdm\kelsey.vandenberg@murraysmith.us\0274278\WTP1-03-PP-70102.dwg  
 PLOT DATE: Monday, February 25, 2019 4:26:45 PM  
 BY: KELSEY VANDEBERGH



# FOR LAND USE PERMITTING (EXHIBIT B)

**NOTES:**

- FOR SHEET VIEW FRAMES ONLY, SEE GENERAL SHEET 01-G-02003.



**SHEET B-154: OFF-SITE UTILITIES PLAN LAYOUT AREA B**

DSGN	E RODRIGUEZ					
DR	M ESTEP					
CHK	B FOSTER					
APVD	M HICKEY	NO.	DATE	REVISION	BY	APVD

VERIFY SCALE  
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 Portland, OR 97205  
 Tel: (503) 232-1800

OFF-SITE  
 PIPELINE PLAN AND PROFILE  
 UTILITY LAYOUT PLAN AREA B

SHEET	
DWG	04-PP-70001
DATE	AUG 2020
PROJ	WTP_1.0

PLOT DATE AND TIME: 8/25/2020 9:41:36 AM

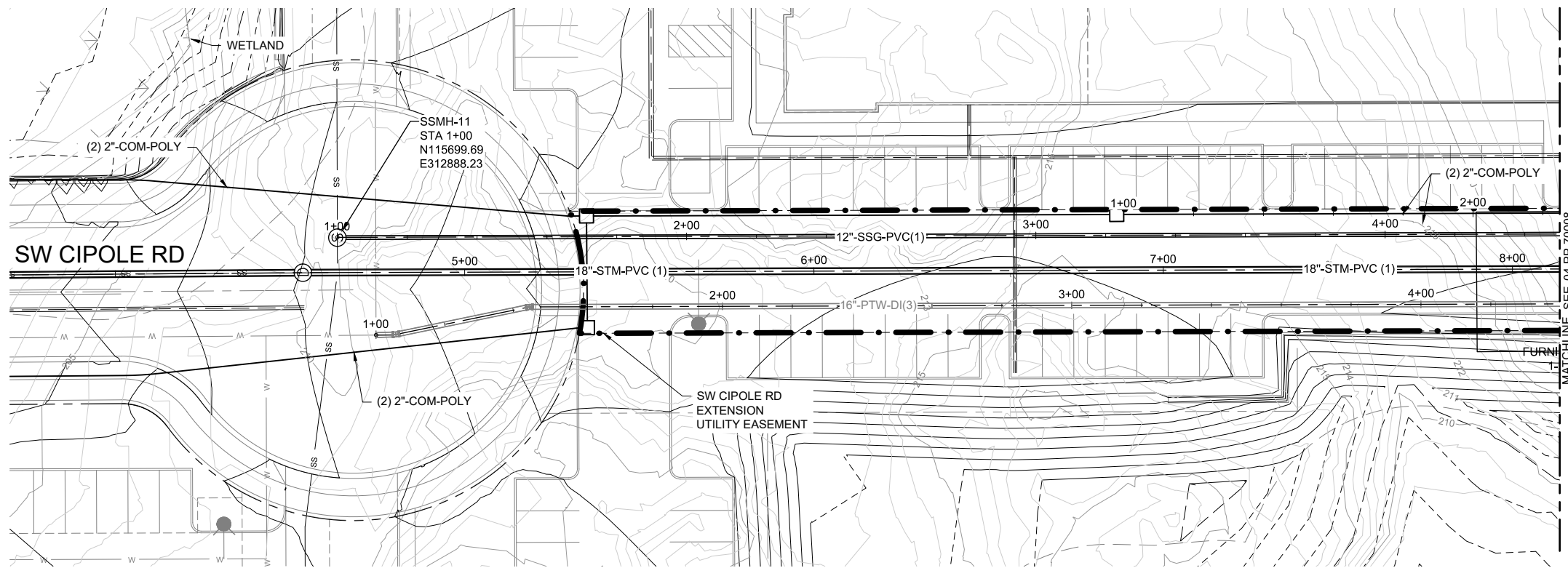
BY: BEN FOSTER

PLOT DATE: Wednesday, May 25, 2016 1:37:44 PM

DWG FILE: C:\cdm\ben.foster@murraysmith.us\0274278\WTP1-04-PP-70001.dwg



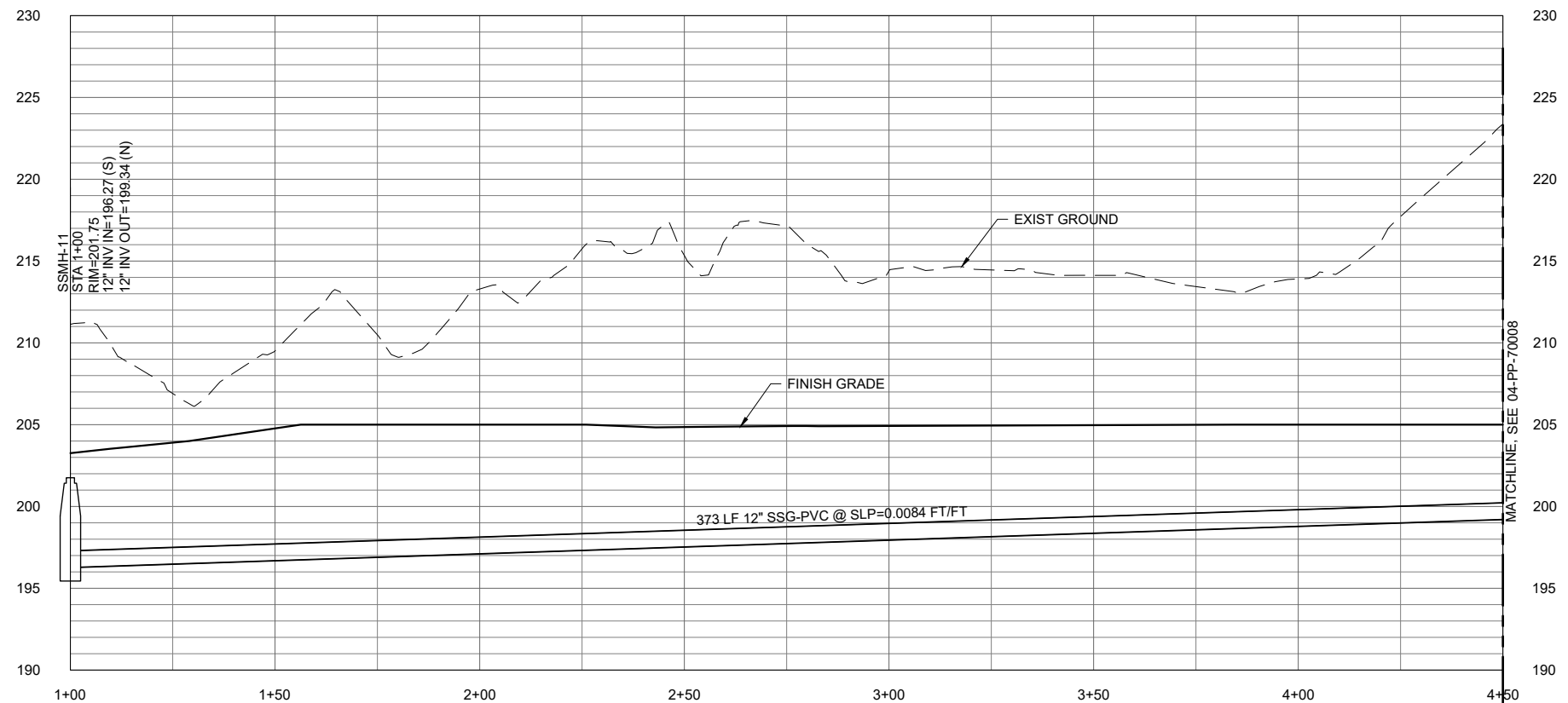
# FOR LAND USE PERMITTING (EXHIBIT B)



**NOTES:**

1. CONTRACTOR TO POTHOLE AND VERIFY EXACT DEPTHS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION ACTIVITIES.
2. CONSTRUCT PER SINGLE PIPE TRENCH DETAIL, DETAIL X, SHEET X.
3. ROTATE MANHOLE CONE AND COVERS TO AVOID WHEEL PATH.

1 PLAN 12" - SSG - PVC(1)



2 PROFILE 12" - SSG - PVC(1)

**SHEET B-155: OFF-SITE UTILITIES PLAN AREA B6**

90% DESIGN - NOT FOR CONSTRUCTION

DSGN	E RODRIGUEZ				
DR	M ESTEP				
CHK	B FOSTER				
APVD	M HICKEY	NO.	DATE	REVISION	BY

VERIFY SCALE  
 BAR IS ONE INCH ON ORIGINAL DRAWING.  
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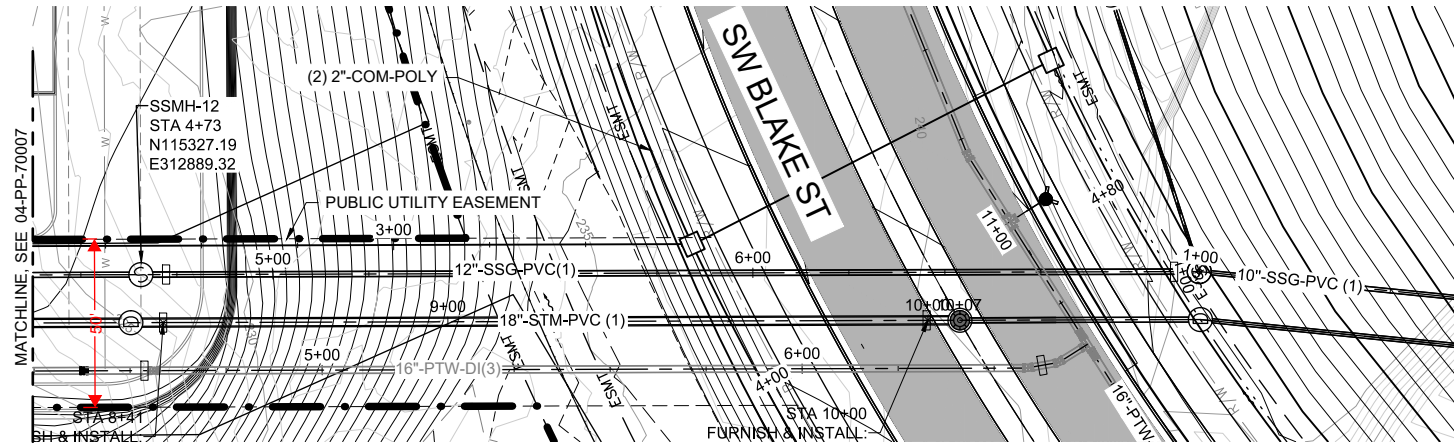


OFF-SITE  
 PIPELINE PLAN AND PROFILE  
 SANITARY SEWER - AREA B6

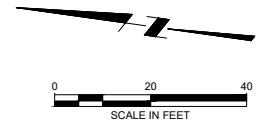
SHEET	
DWG	04-PP-70007
DATE	AUG 2020
PROJ	WTP_1.0

DWG FILE: C:\cdm\ben.foster@murraysmith.us\0274278\WTP1-04-PP-70001.dwg  
 PLOT DATE: Monday, December 30, 2019 10:32:55 AM  
 BY: BEN FOSTER

# FOR LAND USE PERMITTING (EXHIBIT B)

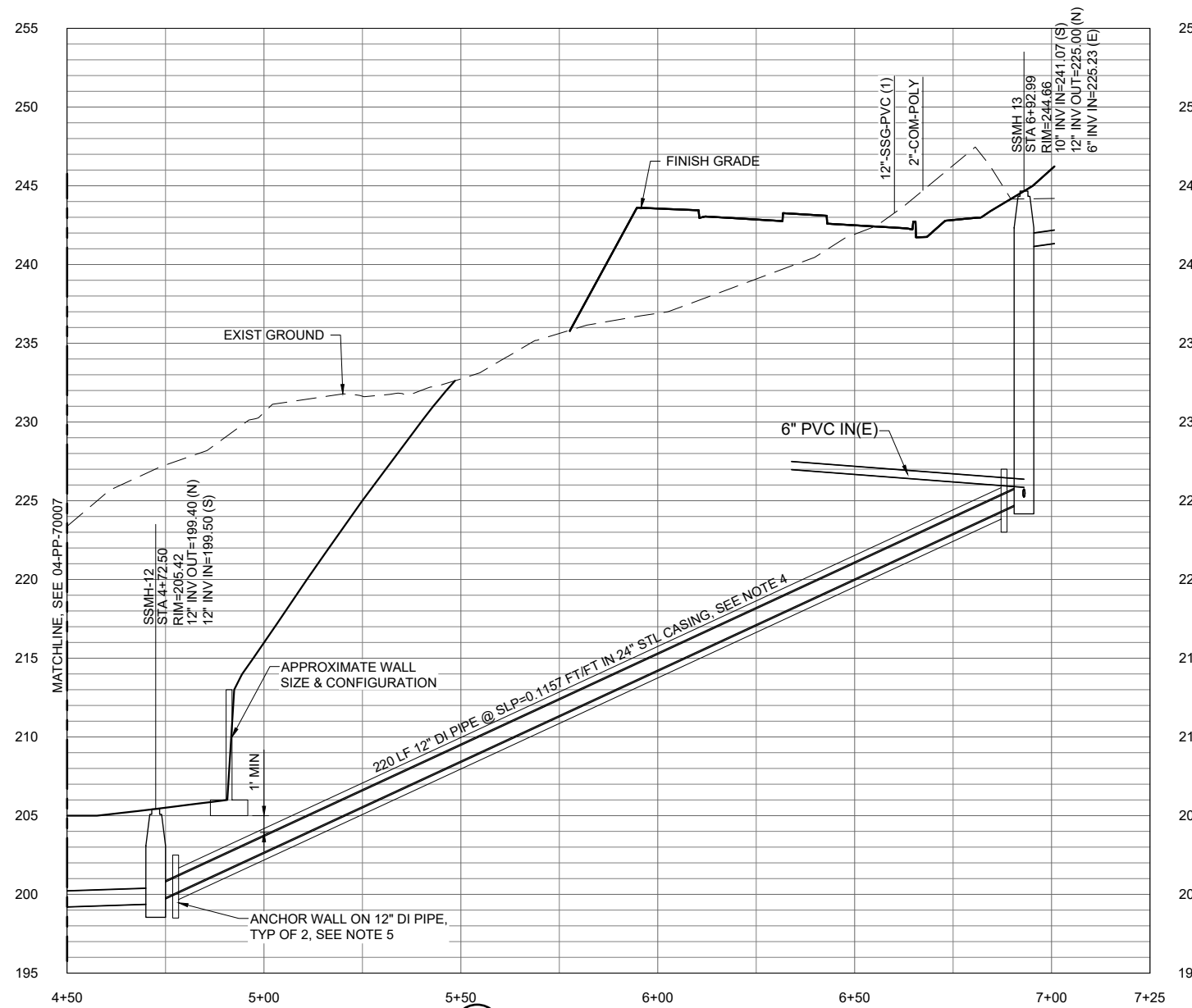


1 PLAN 12"-SSG-PVC(1)



**NOTES:**

1. CONTRACTOR TO POTHOLE AND VERIFY EXACT DEPTHS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION ACTIVITIES.
2. CONSTRUCT PER SINGLE PIPE TRENCH DETAIL, DETAIL X, SHEET X.
3. ROTATE MANHOLE CONE AND COVERS TO AVOID WHEEL PATH.
4. SANITARY SEWER PIPING AND PIPING STATION 4+72.50 TO STATION 6+92.99 SHALL BE RESTRAINED JOINT DUCTILE IRON PIPE WITH PROTECTED 401 LINING OR APPROVED EQUAL.
5. END CASING 2 FEET OUTSIDE OF MANHOLES AND INSTALL ANCHOR WALL ON CARRIER PIPE.



2 PROFILE 12"-SSG-PVC(1)

**SHEET B-156: OFF-SITE UTILITIES PLAN AREA B7**

90% DESIGN - NOT FOR CONSTRUCTION

DSGN	E RODRIGUEZ				
DR	M ESTEP				
CHK	B FOSTER				
APVD	M HICKEY	NO.	DATE	REVISION	BY

VERIFY SCALE  
 BAR IS ONE INCH ON  
 ORIGINAL DRAWING.  
 IF NOT ONE INCH ON  
 THIS SHEET, ADJUST  
 SCALES ACCORDINGLY.



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**CDM Smith**  
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 Portland, OR 97205  
 Tel: (503) 232-1800

OFF-SITE  
 PIPELINE PLAN AND PROFILE  
 SANITARY SEWER - AREA B7

SHEET	
DWG	04-PP-70008
DATE	AUG 2020
PROJ	WTP_1.0

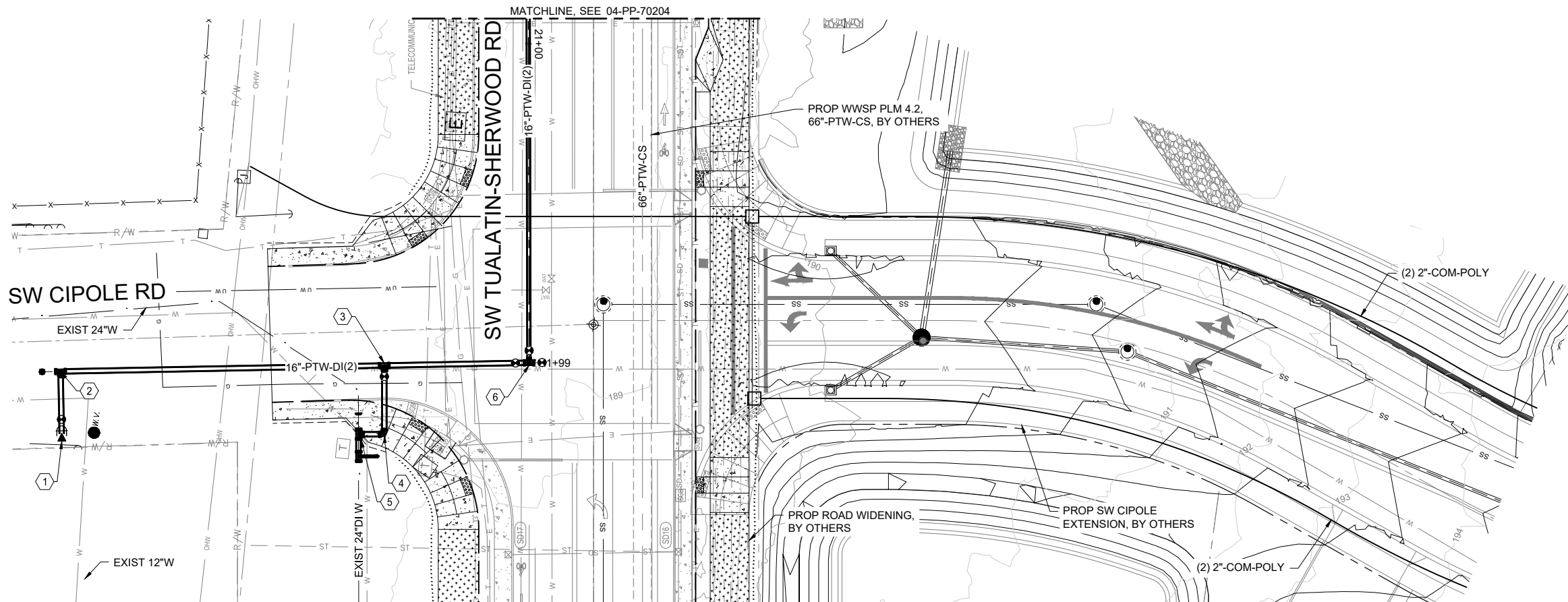
BY: BEN FOSTER

PLOT DATE: Sunday, December 29, 2019 12:56:26 PM

DWG FILE: C:\cdm\ben.foster@murraysmith.us\0274278\WTP1-04-PP-70001.dwg



# FOR LAND USE PERMITTING (EXHIBIT B)



**NOTES:**

1. CONTRACTOR TO POTHOLE AND VERIFY EXACT DEPTHS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION ACTIVITIES.
2. CONSTRUCT PER SINGLE PIPE TRENCH DETAIL, DETAIL X, SHEET X.

**KEY NOTES:**

- 1 STA 1+00  
NXXXX, EXXXX  
CONNECT TO EXISTING 12"W W/ HOT TAP  
FURNISH AND INSTALL:  
1-12" TAPPING SLV, FLG  
1-12" TAPPING GV, FLGxMJ, RESTR  
1-THRUST BLOCK
- 2 STA 1+19  
NXXXX, EXXXX  
FURNISH AND INSTALL:  
1-12" DI TEE, MJ  
1-12" DI PLUG, MJ  
1-TEMP BLOW-OFF ASSY, SEE DET X, SHT X
- 3 STA 2+19  
NXXXX, EXXXX  
FURNISH AND INSTALL:  
1-16" DI TEE, MJ  
1-16" BFV, MJ
- 4 STA 2+19, 21' RT  
NXXXX, EXXXX  
FURNISH AND INSTALL:  
1-16" DI 90° HORIZ BEND, MJ
- 5 STA 2+11, 21' RT  
NXXXX, EXXXX  
CUT IN TEE ON EXIST 24" DI W  
FURNISH AND INSTALL:  
1-24"x16" DI TEE, MJ  
1-24" DI PLUG, MJ, INSTALL ON TEE  
1-24" DI CAP, MJ, INSTALL ON CUT 24" DI W
- 6 STA 2+61 = STA 21+91 [12"-PTW-DI(2)]  
NXXXX, EXXXX  
CONNECT TO PROP 12"-PTW-DI(2)  
FURNISH AND INSTALL:  
1-16"x12" DI TEE, MJ  
2-16" BFV, MJ  
1-12" BFV, MJ

1 PLAN 16"-PTW-DI(2)

<PROFILE TO FOLLOW>

2 PROFILE 16"-PTW-DI(2)

**SHEET B-157: OFF-SITE WATER PLAN AREA B5**

DSGN	E RODRIGUEZ				
DR	M ESTEP				
CHK	B FOSTER				
APVD	M HICKEY	NO.	DATE	REVISION	BY

VERIFY SCALE  
BAR IS ONE INCH ON  
ORIGINAL DRAWING.  
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SCALES ACCORDINGLY.



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WATER TREATMENT PLANT\_1.0

**CDM Smith**  
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Tel: (503) 232-1800

OFF-SITE  
PIPELINE PLAN AND PROFILE  
WATER - AREA B1

SHEET	04-PP-70201
DATE	AUG 2020
PROJ	WTP_1.0

90% DESIGN - NOT FOR CONSTRUCTION

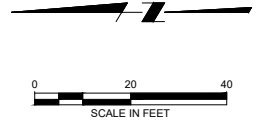
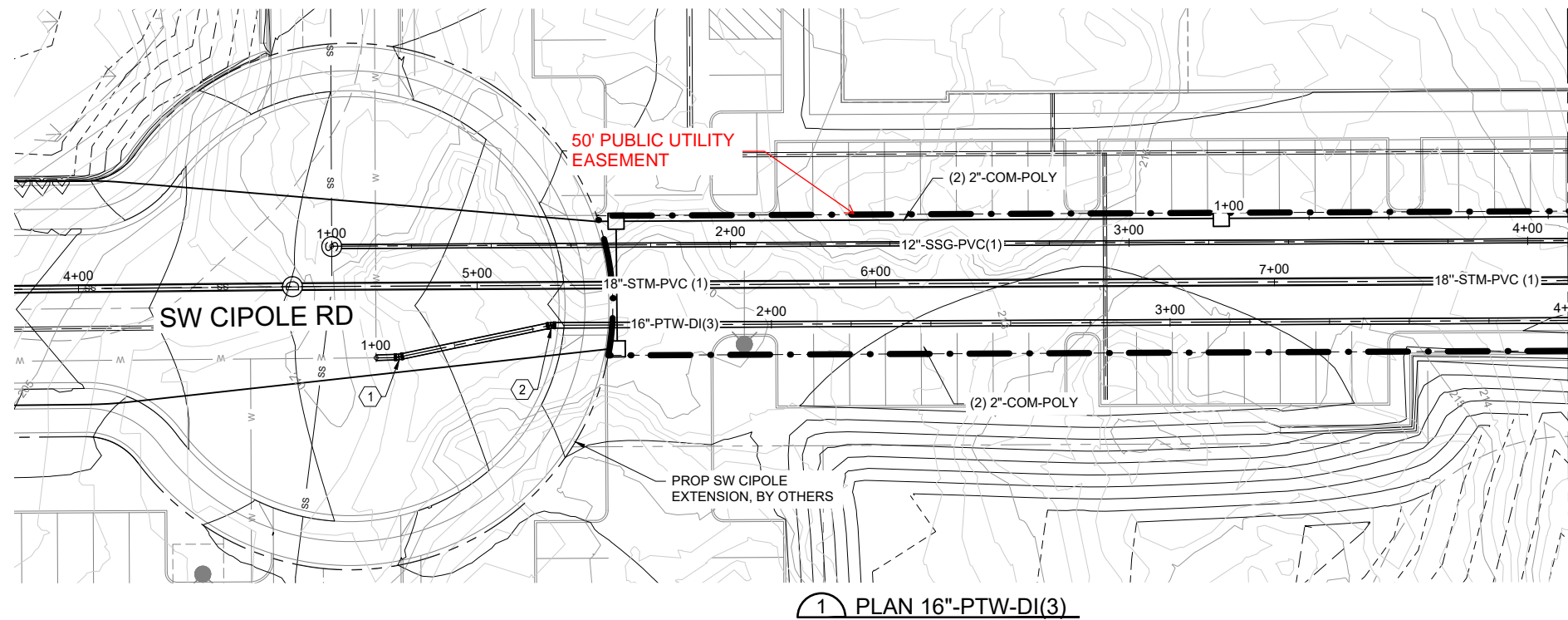
PLOT DATE AND TIME: 8/25/2020 9:41:36 AM

BY: BEN FOSTER

PLOT DATE: Wednesday, May 25, 2016 1:37:44 PM

DWG FILE: C:\cdm\ben.foster@murraysmith.us\40274278\WTP1-04-PP-70001.dwg

# FOR LAND USE PERMITTING (EXHIBIT B)

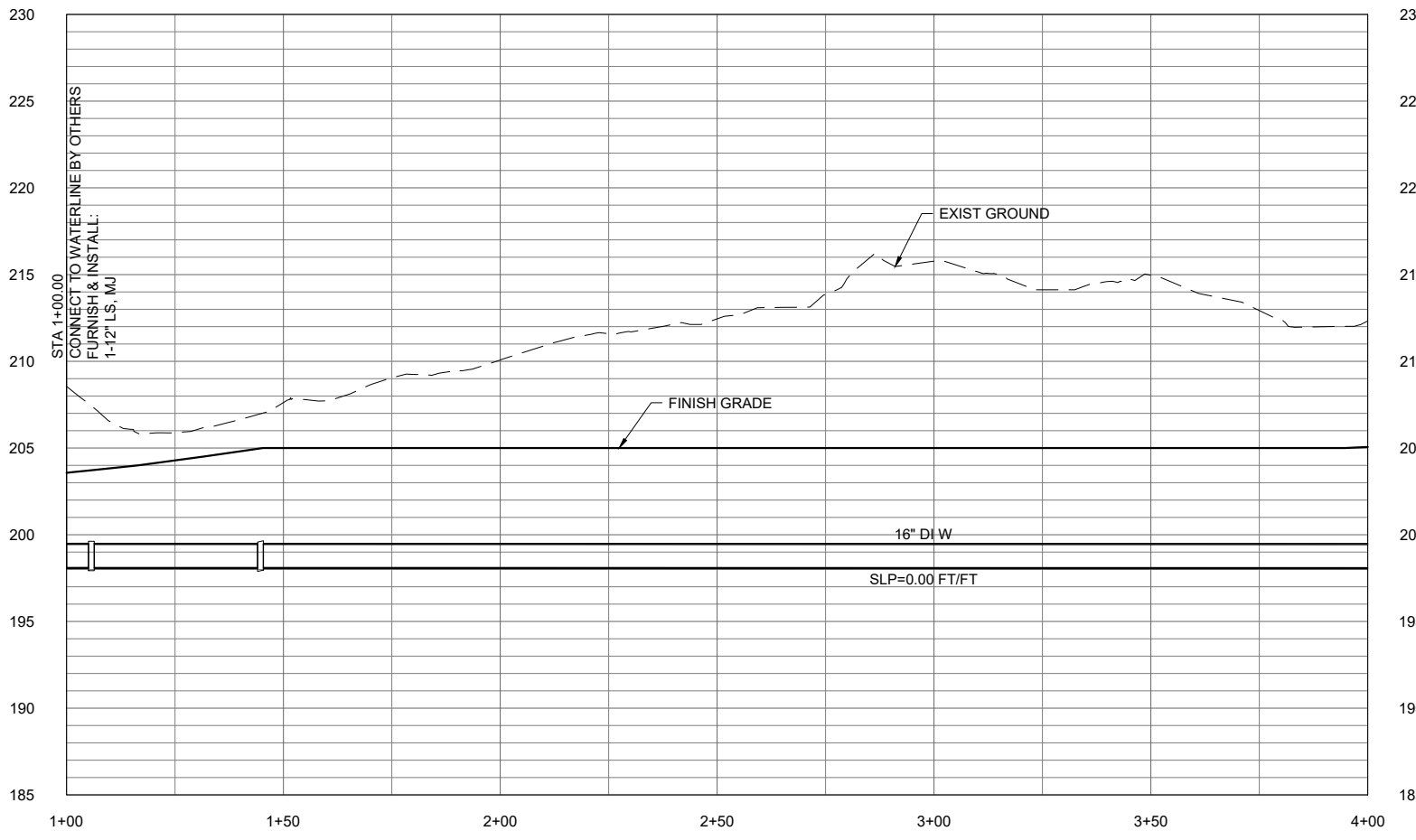


**NOTES:**

- CONTRACTOR TO POTHOLE AND VERIFY EXACT DEPTHS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION ACTIVITIES.
- CONSTRUCT PER SINGLE PIPE TRENCH DETAIL, DETAIL X, SHEET X.

**KEY NOTES:**

- ① STA 1+05  
NXXXX, EXXXX  
FURNISH AND INSTALL:  
1-16" DI 11.25° HORIZ BEND, MJ
- ② STA 1+45  
NXXXX, EXXXX  
FURNISH AND INSTALL:  
1-16" DI 11.25° HORIZ BEND, MJ



SHEET B-158: OFF-SITE WATER PLAN AREA B6

2 PROFILE 16"-PTW-DI(3)

90% DESIGN - NOT FOR CONSTRUCTION

BY: BEN FOSTER

PLOT DATE: Wednesday, May 25, 2016 1:37:44 PM

DWG FILE: C:\cdm\ben.foster@murray-smith.us\0274278\WTP1-04-PP-70001.dwg

DSGN	E RODRIGUEZ				
DR	M ESTEP				
CHK	B FOSTER				
APVD	M HICKEY	NO.	DATE	REVISION	BY

VERIFY SCALE  
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WATER TREATMENT PLANT\_1.0



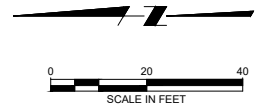
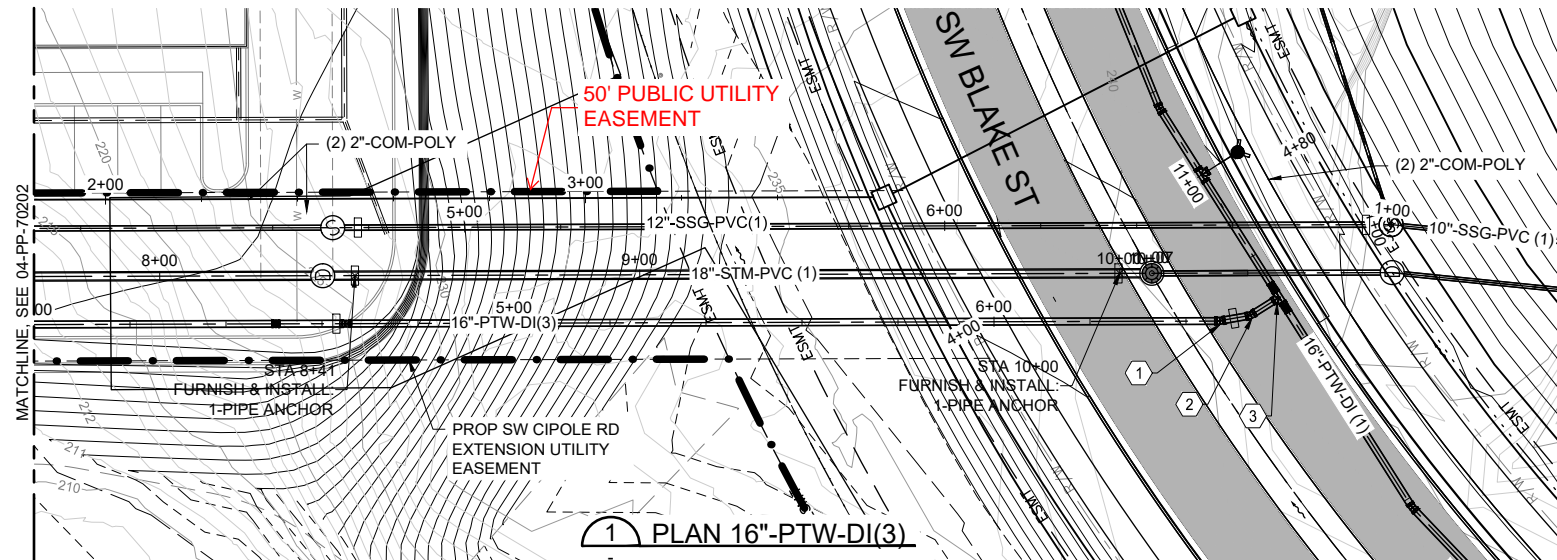
OFF-SITE  
PIPELINE PLAN AND PROFILE  
WATER - AREA B6

SHEET	
DWG	04-PP-70202
DATE	AUG 2020
PROJ	WTP_1.0

PLOT DATE AND TIME: 8/25/2020 9:41:36 AM



# FOR LAND USE PERMITTING (EXHIBIT B)

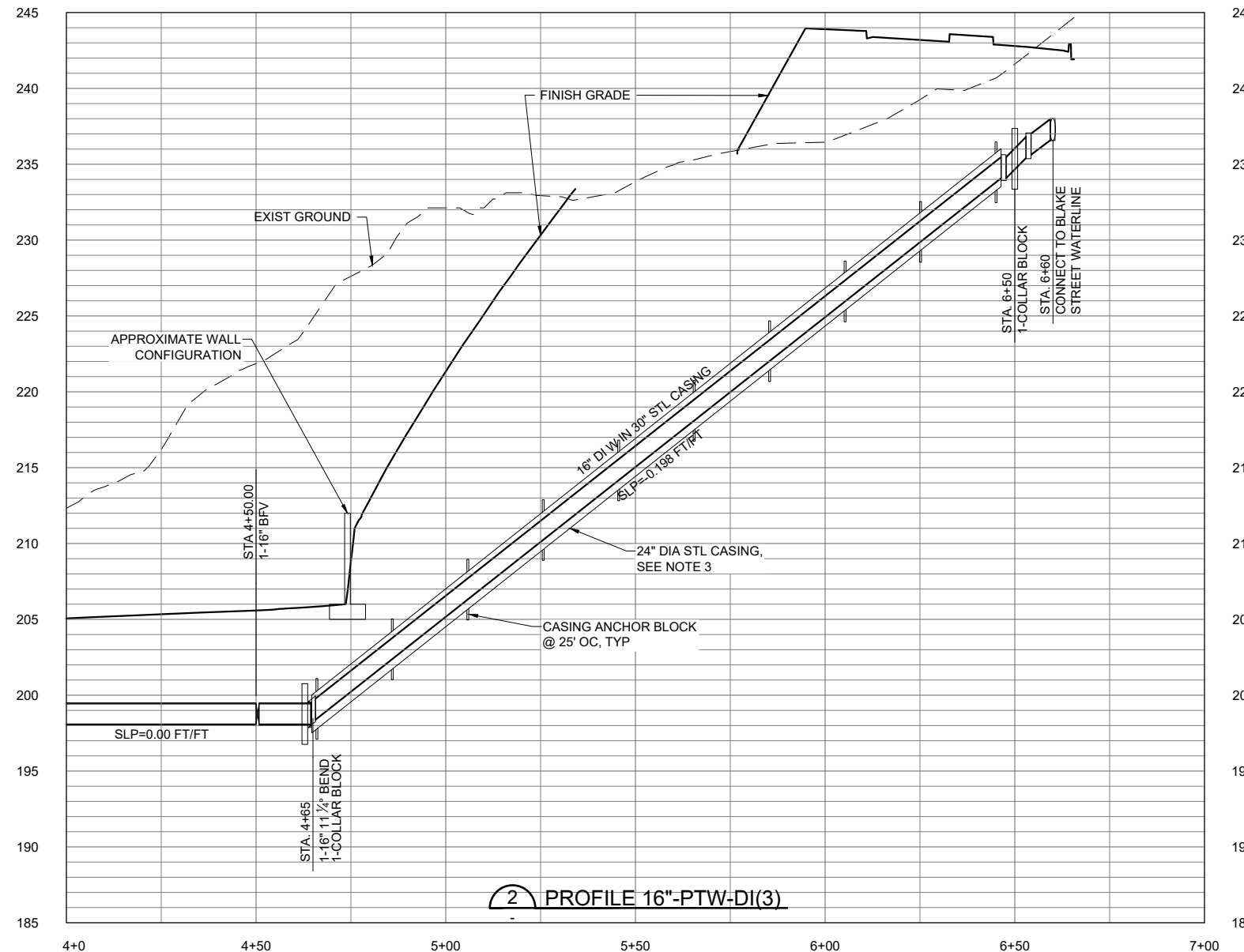


**NOTES:**

1. CONTRACTOR TO POTHOLE AND VERIFY EXACT DEPTHS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION ACTIVITIES.
2. CONSTRUCT PER SINGLE PIPE TRENCH DETAIL, DETAIL X, SHEET X.
3. STEEL CASING SHALL BE 5/8" THICK AND ALL JOINTS SHALL BE WELDED. FURNISH AND INSTALL 3"x1/2" THICK WELDED ANCHOR RINGS AND ANCHOR BLOCKS AT 25' OC.
4. ALL DUCTILE IRON PIPE SHALL BE RESTRAINED JOINT.

**KEY NOTES:**

- 1 STA 6+47  
NXXXX, EXXXX  
FURNISH AND INSTALL:  
1-16" DI 11.25° HORIZ BEND, MJ
- 2 STA 6+54  
NXXXX, EXXXX  
FURNISH AND INSTALL:  
1-16" DI 22.5° HORIZ BEND, MJ, ROLLED DN
- 3 STA 6+59 = STA X+XX [16"-PTW-DI(1)]  
NXXXX, EXXXX  
CONNECT TO PROP 16"-PTW-DI(1)  
FURNISH AND INSTALL:  
1-16" BFV, MJ



**SHEET B-159: OFF-SITE  
WATER PLAN AREA B7**

DSGN	E RODRIGUEZ				
DR	M ESTEP				
CHK	B FOSTER				
APVD	M HICKEY	NO.	DATE	REVISION	BY

VERIFY SCALE  
BAR IS ONE INCH ON  
ORIGINAL DRAWING.  
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SCALES ACCORDINGLY.



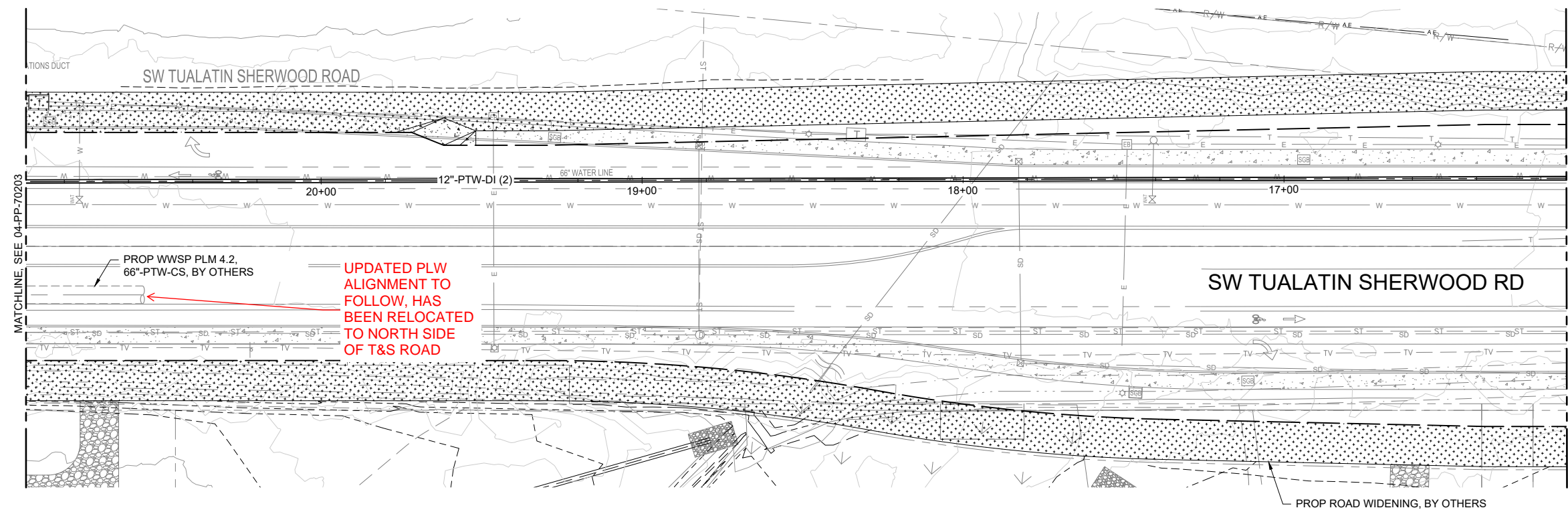
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OFF-SITE  
PIPELINE PLAN AND PROFILE  
WATER - AREA B7

SHEET	04-PP-70203
DATE	AUG 2020
PROJ	WTP_1.0

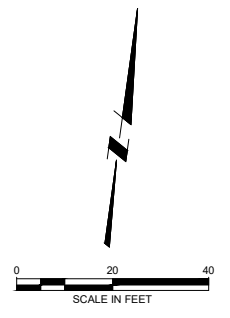
# FOR LAND USE PERMITTING (EXHIBIT B)



1 PLAN 12"-PTW-DI(2)

<PROFILE TO FOLLOW>

2 PROFILE 12"-PTW-DI(2)



- NOTES:**
1. CONTRACTOR TO POTHOLE AND VERIFY EXACT DEPTHS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION ACTIVITIES.
  2. CONSTRUCT PER SINGLE PIPE TRENCH DETAIL, DETAIL X, SHEET X.

BY: BEN FOSTER  
PLOT DATE: Wednesday, May 25, 2016 1:37:44 PM  
DWG FILE: C:\cdm\ben.foster@murraysmith.us\0274278\WTP1-04-PP-70001.dwg

## SHEET B-160: OFF-SITE WATER PLAN AREA B8

90% DESIGN - NOT FOR CONSTRUCTION

DSGN	E RODRIGUEZ				
DR	M ESTEP				
CHK	B FOSTER				
APVD	M HICKEY	NO.	DATE	REVISION	BY

VERIFY SCALE  
BAR IS ONE INCH ON ORIGINAL DRAWING.  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

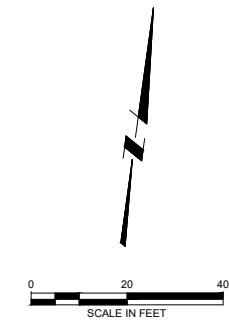
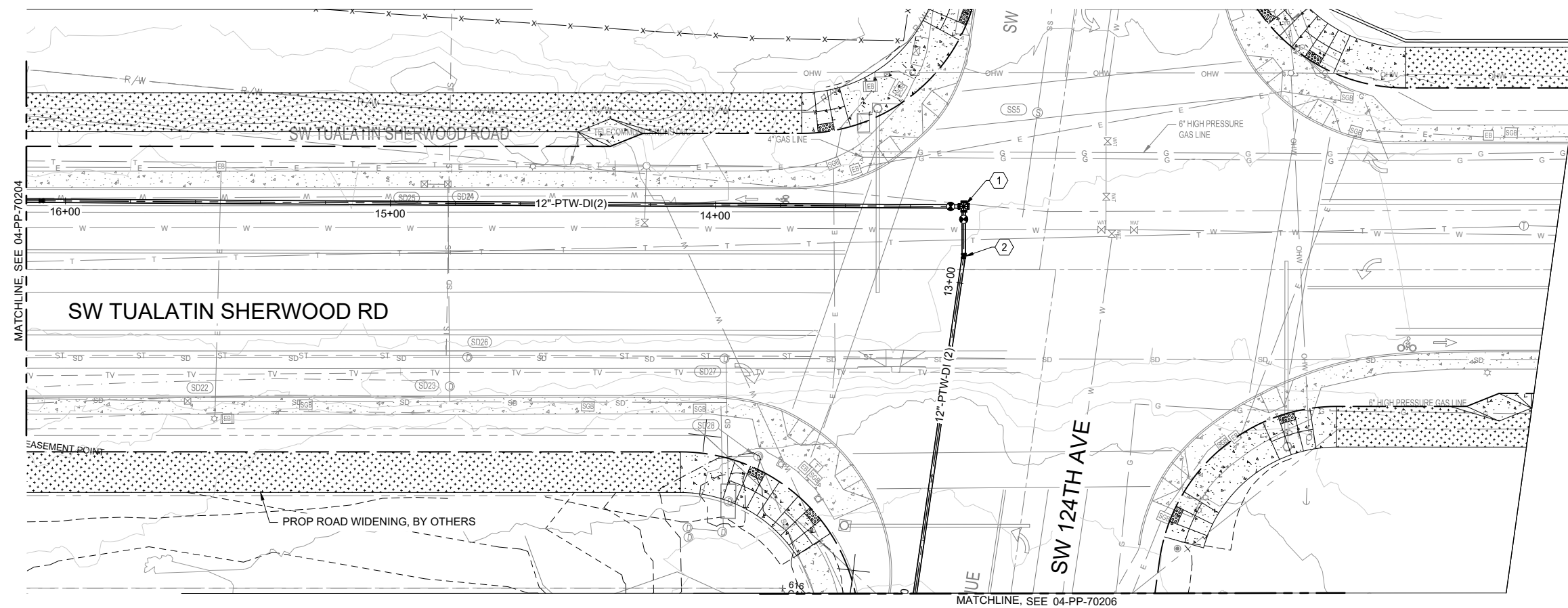


OFF-SITE  
PIPELINE PLAN AND PROFILE  
WATER - AREA B2

SHEET	DWG 04-PP-70204
DATE	AUG 2020
PROJ	WTP_1.0



# FOR LAND USE PERMITTING (EXHIBIT B)



**NOTES:**

1. CONTRACTOR TO POTHOLE AND VERIFY EXACT DEPTHS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION ACTIVITIES.
2. CONSTRUCT PER SINGLE PIPE TRENCH DETAIL, DETAIL X, SHEET X.

**KEY NOTES:**

- ① STA 13+27  
NXXXX, EXXXX  
FURNISH AND INSTALL:  
1-12" DI CROSS, MJ  
2-12" BFV, MJ
- ② STA 13+08  
NXXXX, EXXXX  
FURNISH AND INSTALL:  
1-12" DI 11.25° HORIZ BEND, MJ

① PLAN 12"-PTW-DI(2)

<PROFILE TO FOLLOW>

① PROFILE 12"-PTW-DI(2)

**SHEET B-161: OFF-SITE WATER PLAN AREA B9**

90% DESIGN - NOT FOR CONSTRUCTION

DSGN	E RODRIGUEZ				
DR	M ESTEP				
CHK	B FOSTER				
APVD	M HICKEY	NO.	DATE	REVISION	BY

VERIFY SCALE  
BAR IS ONE INCH ON ORIGINAL DRAWING.  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



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WATER TREATMENT PLANT\_1.0

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Tel: (503) 232-1800

OFF-SITE  
PIPELINE PLAN AND PROFILE  
WATER - AREA B3

SHEET	
DWG	04-PP-70205
DATE	AUG 2020
PROJ	WTP_1.0

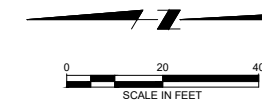
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BY: BEN FOSTER

PLOT DATE: Wednesday, May 25, 2016 1:37:44 PM

DWG FILE: C:\cdm\ben.foster@murraysmith.us\40274278\WTP1-04-PP-70001.dwg

# FOR LAND USE PERMITTING (EXHIBIT B)



**NOTES:**

1. CONTRACTOR TO POTHOLE AND VERIFY EXACT DEPTHS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION ACTIVITIES.
2. CONSTRUCT PER SINGLE PIPE TRENCH DETAIL, DETAIL X, SHEET X.

**KEY NOTES:**



1 PLAN 12"-PTW-DI(2)

<PROFILE TO FOLLOW>

2 PROFILE 12"-PTW-DI(2)

SHEET B-162: OFF-SITE WATER PLAN AREA B10

90% DESIGN - NOT FOR CONSTRUCTION

DSGN	E RODRIGUEZ				
DR	M ESTEP				
CHK	B FOSTER				
APVD	M HICKEY	NO.	DATE	REVISION	BY

VERIFY SCALE  
BAR IS ONE INCH ON ORIGINAL DRAWING.  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



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OFF-SITE  
PIPELINE PLAN AND PROFILE  
WATER - AREA B4

SHEET	
DWG	04-PP-70206
DAT	AUG 2020
PROJ	WTP_1.0

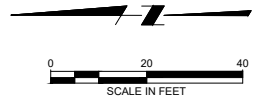
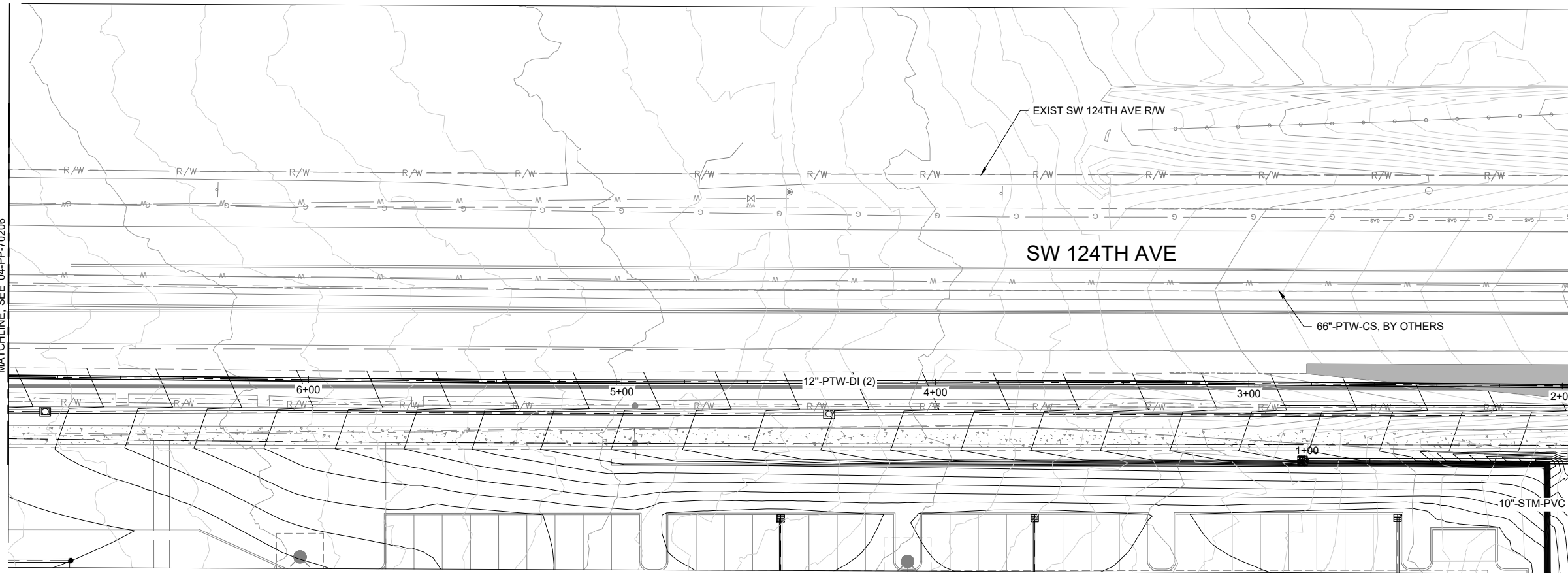
BY: BEN FOSTER

PLOT DATE: Wednesday, May 25, 2016 1:37:44 PM

DWG FILE: C:\cdm\ben.foster@murraysmith.us\0274278\WTP1-04-PP-70001.dwg



# FOR LAND USE PERMITTING (EXHIBIT B)



**NOTES:**

1. CONTRACTOR TO POTHOLE AND VERIFY EXACT DEPTHS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION ACTIVITIES.
2. CONSTRUCT PER SINGLE PIPE TRENCH DETAIL, DETAIL X, SHEET X.

**KEY NOTES:**

1 PLAN 12"-PTW-DI (2)

<PROFILE TO FOLLOW>

2 PROFILE 12"-PTW-DI (2)

SHEET B-163: OFF-SITE WATER PLAN AREA B11

90% DESIGN - NOT FOR CONSTRUCTION

DSGN	E RODRIGUEZ					
DR	M ESTEP					
CHK	B FOSTER					
APVD	M HICKEY	NO.	DATE	REVISION	BY	APVD

VERIFY SCALE  
BAR IS ONE INCH ON ORIGINAL DRAWING.  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



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WATER TREATMENT PLANT\_1.0

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Portland, OR 97205  
Tel: (503) 232-1800

OFF-SITE  
PIPELINE PLAN AND PROFILE  
WATER - AREA B5

SHEET	
DWG	04-PP-70207
DATE	AUG 2020
PROJ	WTP_1.0

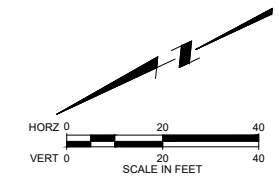
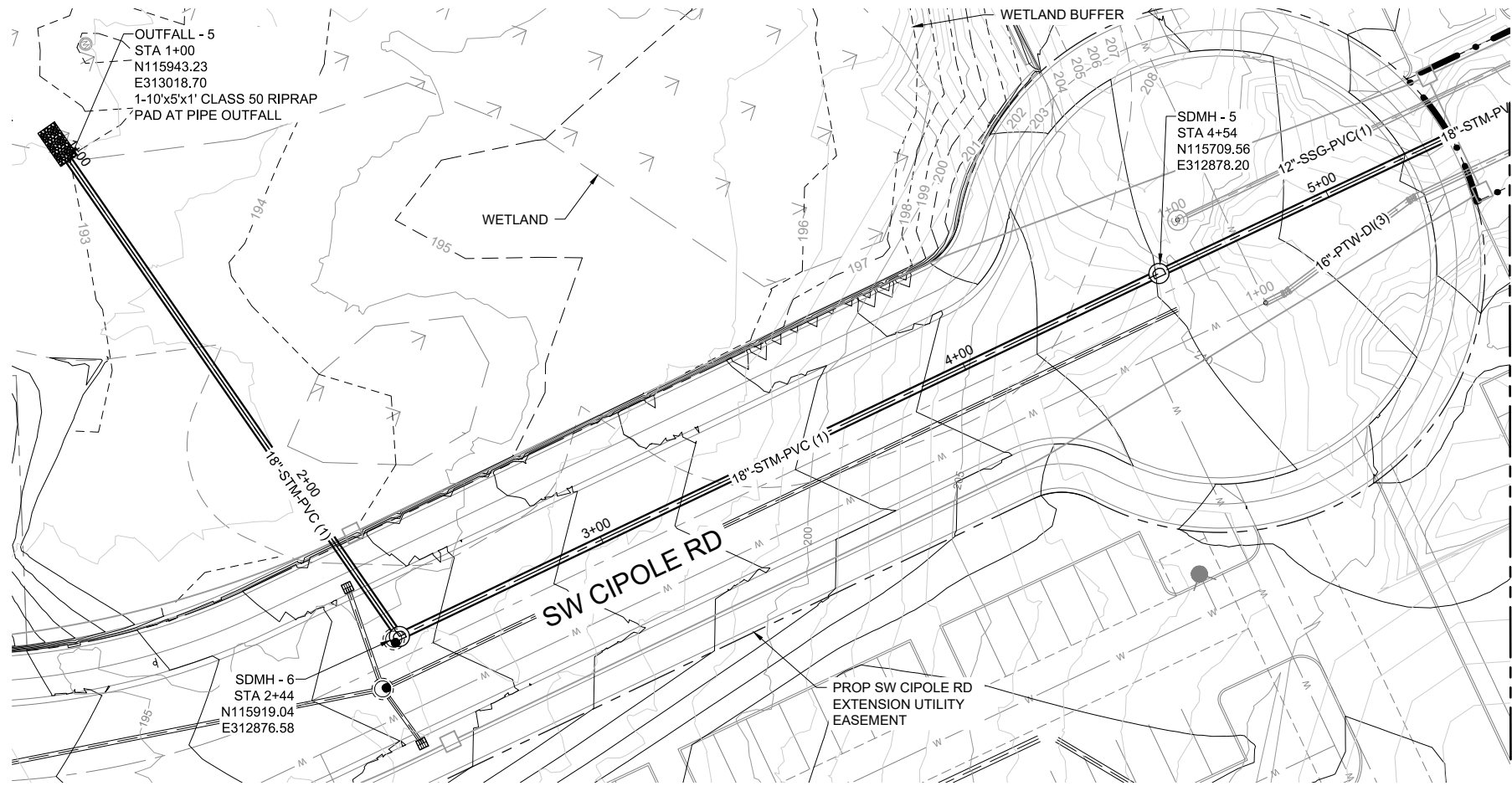
PLOT DATE AND TIME: 8/25/2020 9:41:36 AM

BY: BEN FOSTER

PLOT DATE: Wednesday, May 25, 2016 1:37:44 PM

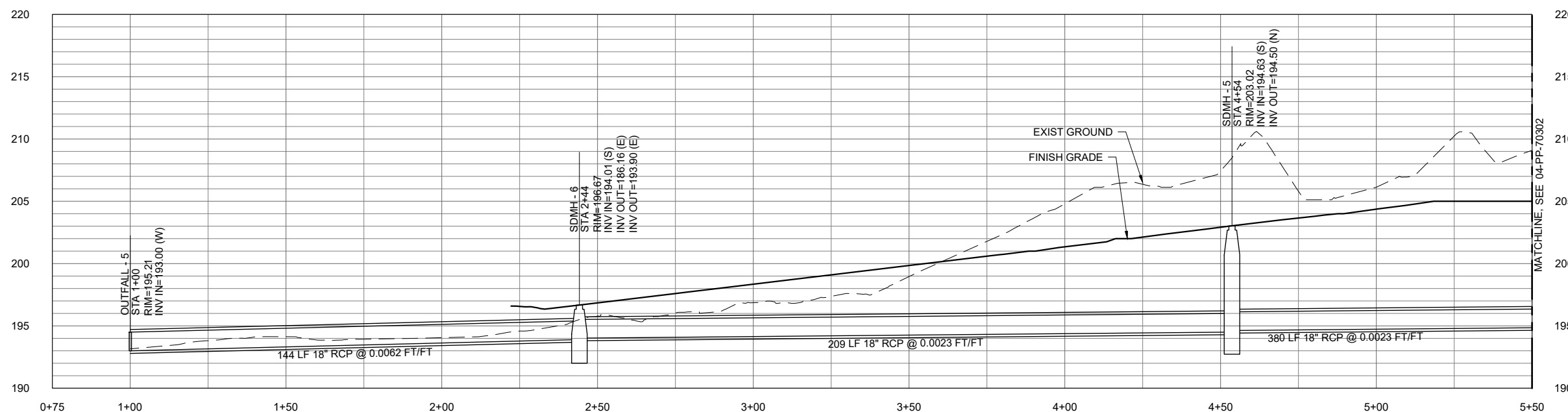
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# FOR LAND USE PERMITTING (EXHIBIT B)



- NOTES:**
1. CONTRACTOR TO POTHOLE AND VERIFY EXACT DEPTHS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION ACTIVITIES.
  2. CONSTRUCT PER SINGLE PIPE TRENCH DETAIL, DETAIL X, SHEET X.

1 PLAN 18"-STM-PVC (1)



1 PROFILE 18"-STM-PVC (1)

**SHEET B-164: OFF-SITE STORMWATER PLAN AREA B6**

90% DESIGN - NOT FOR CONSTRUCTION

DSGN	E RODRIGUEZ				
DR	M ESTEP				
CHK	B FOSTER				
APVD	M HICKEY	NO.	DATE	REVISION	BY

VERIFY SCALE  
BAR IS ONE INCH ON ORIGINAL DRAWING.  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



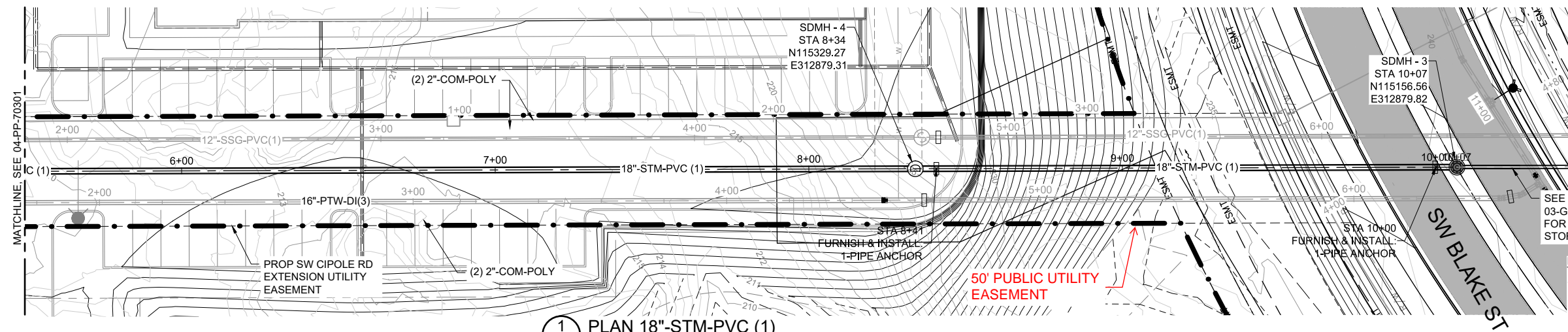
OFF-SITE  
PIPELINE PLAN AND PROFILE  
STORMWATER - AREA B6

SHEET	
DWG	04-PP-70301
DATE	AUG 2020
PROJ	WTP_1.0

BY: BEN FOSTER  
PLOT DATE: Wednesday, May 25, 2016 1:37:44 PM  
DWG FILE: C:\cdm\ben.foster@murraysmith.us\0274278\WTP1-04-PP-70001.dwg



# FOR LAND USE PERMITTING (EXHIBIT B)

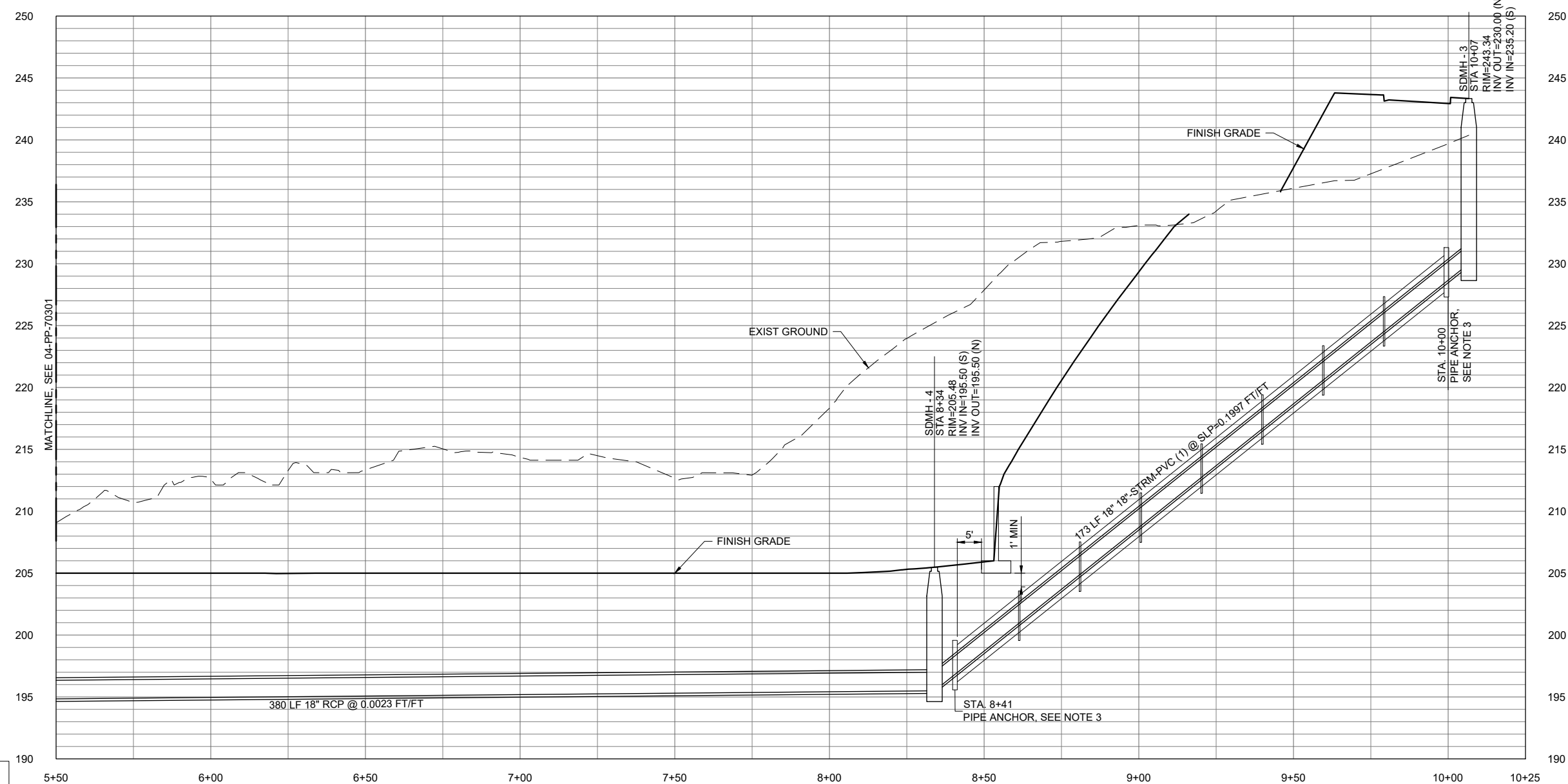


1 PLAN 18"-STM-PVC (1)

SEE SHT 03-GR-22000 FOR ON-SITE STORM PIPING

NOTES:

1. CONTRACTOR TO POT HOLE AND VERIFY EXACT DEPTHS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION ACTIVITIES.
2. CONSTRUCT PER SINGLE PIPE TRENCH DETAIL, DETAIL X, SHEET X.
3. INSTALL 3" THICK X 4" HIGH WELDED HDPE COLLAR TO BE ENCASED IN PIPE ANCHOR. SEE DETAIL X, SHEET X.



1 PROFILE 18"-STM-PVC (1)

SHEET B-165: STORMWATER PLAN AREA B7

90% DESIGN - NOT FOR CONSTRUCTION

DSGN	E RODRIGUEZ				
DR	M ESTEP				
CHK	B FOSTER				
APVD	M HICKEY	NO.	DATE	REVISION	BY

VERIFY SCALE  
BAR IS ONE INCH ON ORIGINAL DRAWING.  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



**Willamette Water Supply**  
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WILLAMETTE WATER SUPPLY PROGRAM  
WATER TREATMENT PLANT\_1.0

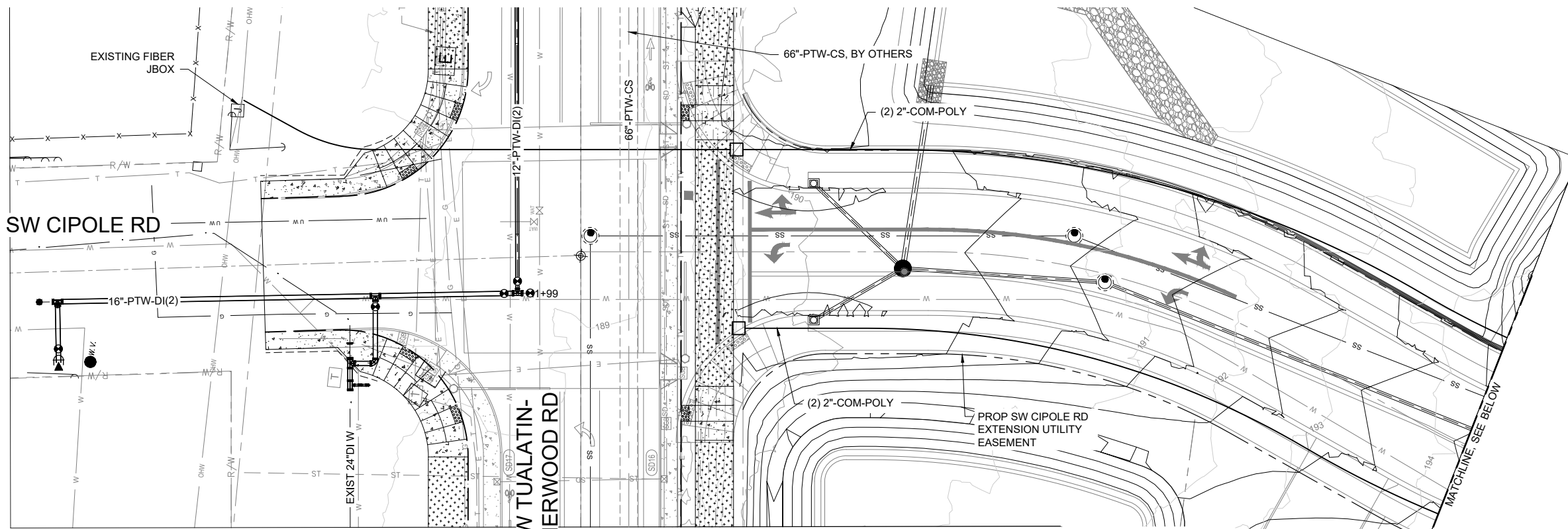
**CDM Smith**  
1220 SW Morrison Street, Suite 200  
Portland, OR 97205  
Tel: (503) 232-1800

OFF-SITE  
PIPELINE PLAN AND PROFILE  
STORMWATER - AREA B7

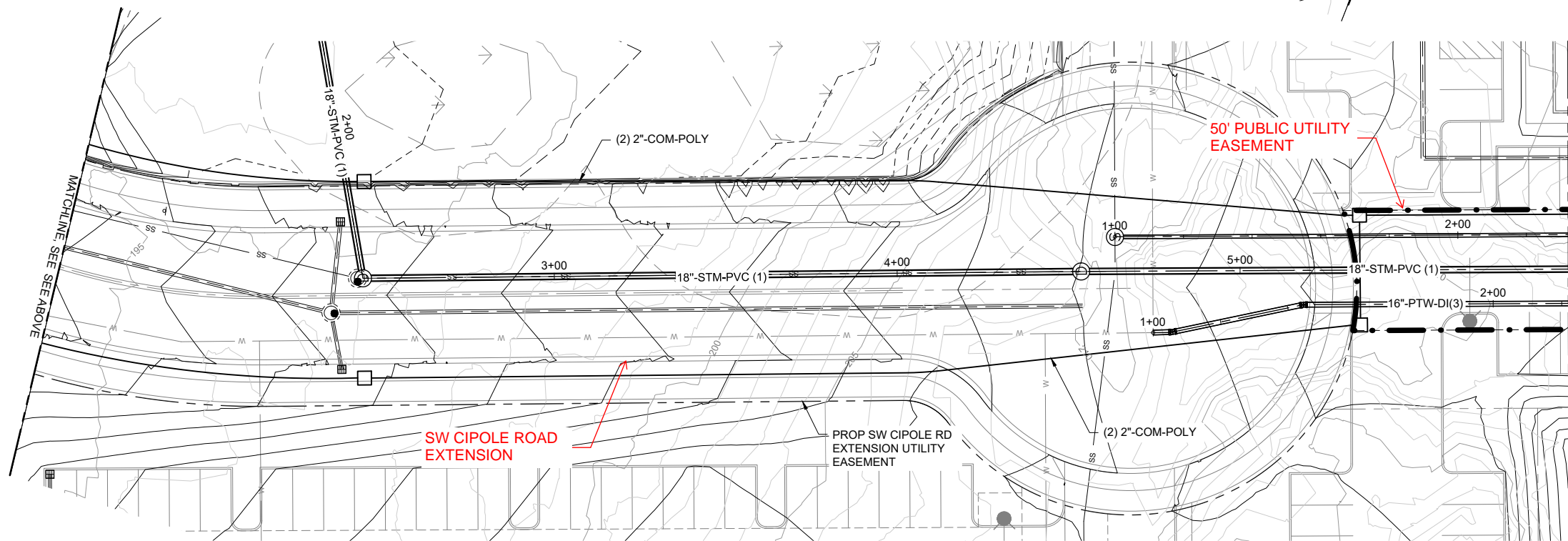
SHEET	DWG	04-PP-70302
DATE	AUG 2020	
PROJ	WTP_1.0	

BY: BEN FOSTER PLOT DATE: Wednesday, May 25, 2016 1:37:44 PM DWG FILE: C:\cdm\ben.foster@murraysmith.us\0274278\WTP1-04-PP-70001.dwg

# FOR LAND USE PERMITTING (EXHIBIT B)



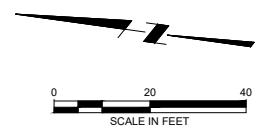
1 PLAN COMMUNICATION CONDUIT - AREA B1



2 PLAN COMMUNICATION CONDUIT - AREA B6

**NOTES:**

1. CONTRACTOR TO POTHOLE AND VERIFY EXACT DEPTHS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION ACTIVITIES.
2. CONSTRUCT PER CONDUIT TRENCH DETAIL, DETAIL X, SHEET X.



**SHEET B-166: OFF-SITE COMMUNICATION CONDUIT PLAN AREA B6**

90% DESIGN - NOT FOR CONSTRUCTION

DSGN	E RODRIGUEZ	NO.	DATE	REVISION	BY	APVD
DR	M ESTEP					
CHK	B FOSTER					
APVD	M HICKEY					

VERIFY SCALE  
BAR IS ONE INCH ON  
ORIGINAL DRAWING.  
IF NOT ONE INCH ON  
THIS SHEET, ADJUST  
SCALES ACCORDINGLY.

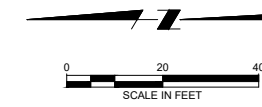
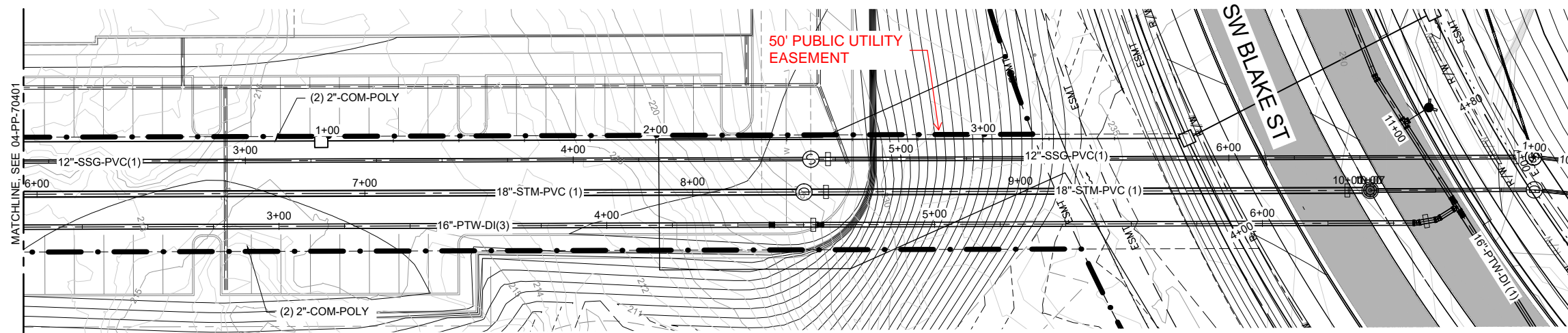


OFF-SITE  
PIPELINE PLAN AND PROFILE  
COMMUNICATION CONDUIT PLAN  
AREAS B1 AND B6

SHEET	
DWG	04-PP-70401
DATE	AUG 2020
PROJ	WTP_1.0



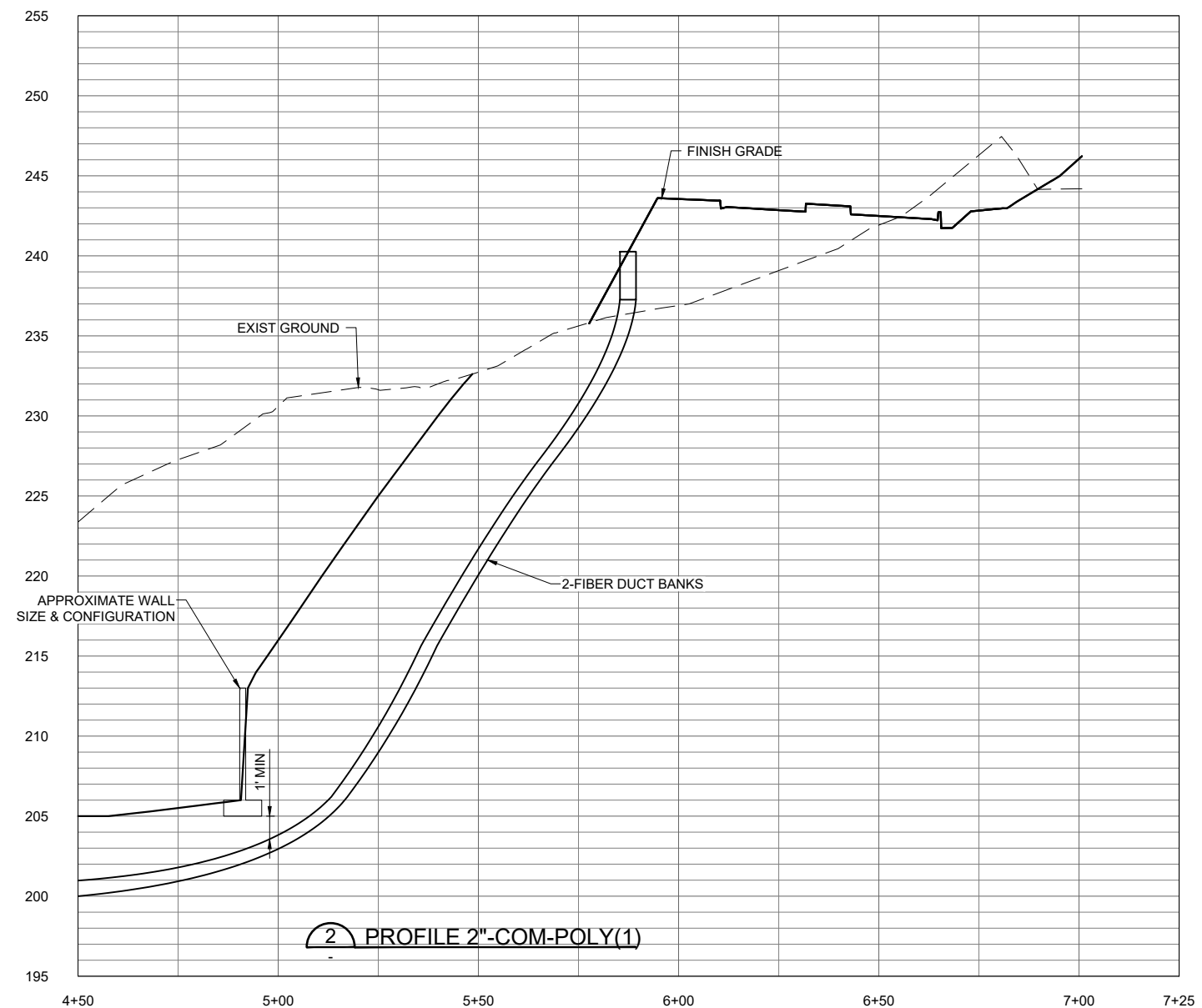
# FOR LAND USE PERMITTING (EXHIBIT B)



**NOTES:**

1. CONTRACTOR TO POTHOLE AND VERIFY EXACT DEPTHS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION ACTIVITIES.
2. CONSTRUCT PER CONDUIT TRENCH DETAIL, DETAIL X, SHEET X.

1 PLAN COMMUNICATION CONDUIT - AREA B7



2 PROFILE 2\"/>

**SHEET B-167: OFF-SITE COMMUNICATION CONDUIT PLAN AREA B7**

DSGN	E RODRIGUEZ				
DR	M ESTEP				
CHK	B FOSTER				
APVD	M HICKEY	NO.	DATE	REVISION	BY

VERIFY SCALE  
 BAR IS ONE INCH ON ORIGINAL DRAWING.  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



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 WATER TREATMENT PLANT\_1.0

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 1220 SW Morrison Street, Suite 200  
 Portland, OR 97205  
 Tel: (503) 232-1800

OFF-SITE  
 PIPELINE PLAN AND PROFILE  
 COMMUNICATION CONDUIT PLAN  
 AREA B7

SHEET	
DWG	04-PP-70402
DATE	AUG 2020
PROJ	WTP_1.0

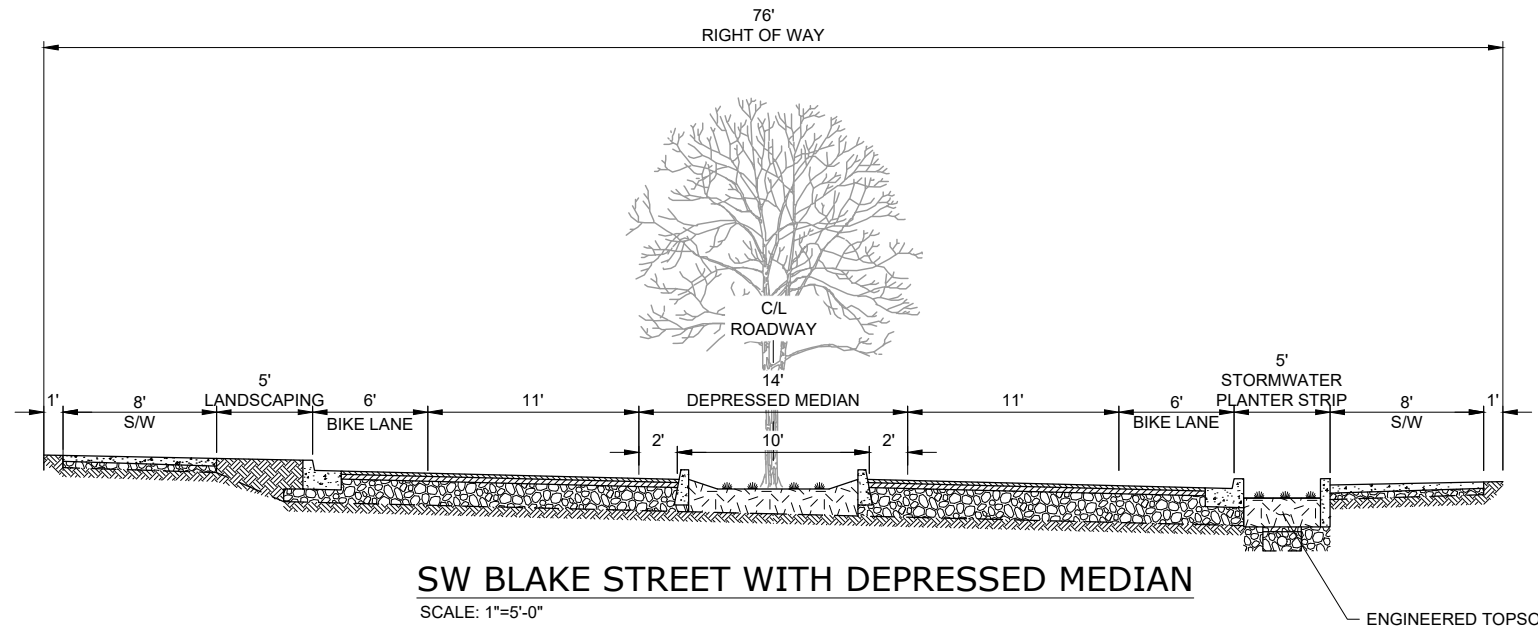
BY: BEN FOSTER

PLOT DATE: Wednesday, May 25, 2016 1:37:44 PM

DWG FILE: C:\cdm\ben.fooster@murraysmith.us\0274278\WTP1-04-PP-70001.dwg

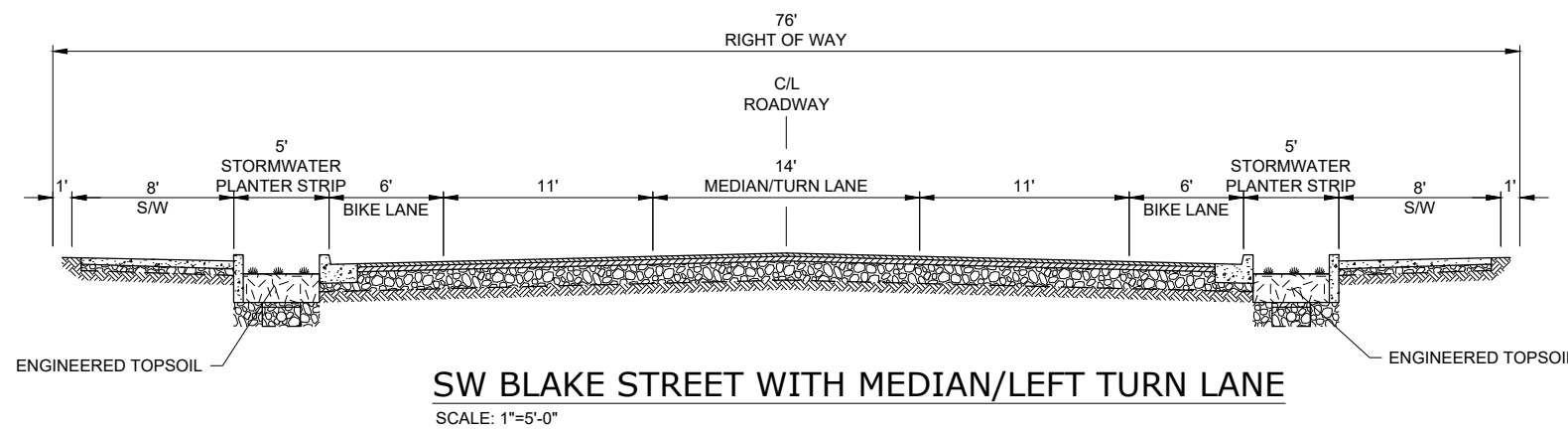
90% DESIGN - NOT FOR CONSTRUCTION

# FOR LAND USE PERMITTING (EXHIBIT B)



**NOTES:**

1. ONSITE STORMWATER FACILITIES, CURB AND GUTTER AND FENCING WHERE SHOWN ON PLANS.
2. CURB CUTS TO BE DETERMINED IN COORDINATION WITH STORMWATER DRAINAGE AND TREATMENT DESIGN.
3. SW BLAKE STREET DEPRESSED MEDIAN TO BE USED AS A STORMWATER PLANTER FROM STA 12+50± TO STA 19+50±.



**SHEET B-168: TYPICAL ROADWAY SECTIONS - SW BLAKE ST**

90% DESIGN - NOT FOR CONSTRUCTION

DSGN	C JAIN				
DR	M ESTEP				
CHK	NA				
APVD	NA	NO.	DATE	REVISION	BY

VERIFY SCALE  
BAR IS ONE INCH ON  
ORIGINAL DRAWING.  
IF NOT ONE INCH ON  
THIS SHEET, ADJUST  
SCALES ACCORDINGLY.



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*Our Reliable Water*  
WILLAMETTE WATER SUPPLY PROGRAM  
WATER TREATMENT PLANT\_1.0

**CDM Smith**  
1220 SW Morrison Street, Suite 200  
Portland, OR 97205  
Tel: (503) 232-1800

SITE  
GRADING  
ROADWAY TYPICAL SECTIONS 1

SHEET	
DWG	03-GR-30001
DATE	AUG 2020
PROJ	WTP_1.0

PLOT DATE AND TIME: 8/21/2020 5:19:06 PM

BY: CHRIS JAIN

PLOT DATE: Wednesday, May 25, 2016 1:37:44 PM

DWG FILE: C:\cme\christis.jain@murraysmith.us\d0274278\WTP1-03-GR-30001.dwg



# FOR LAND USE PERMITTING (EXHIBIT B)

**NOTES:**

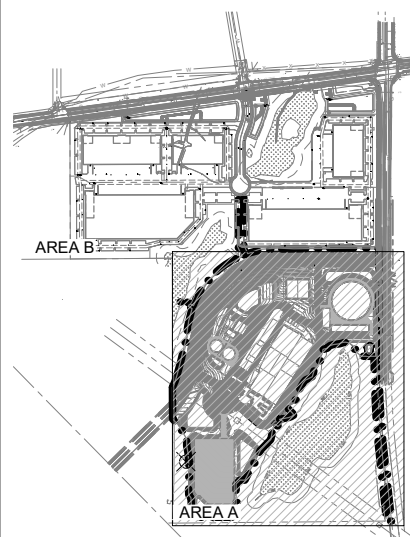
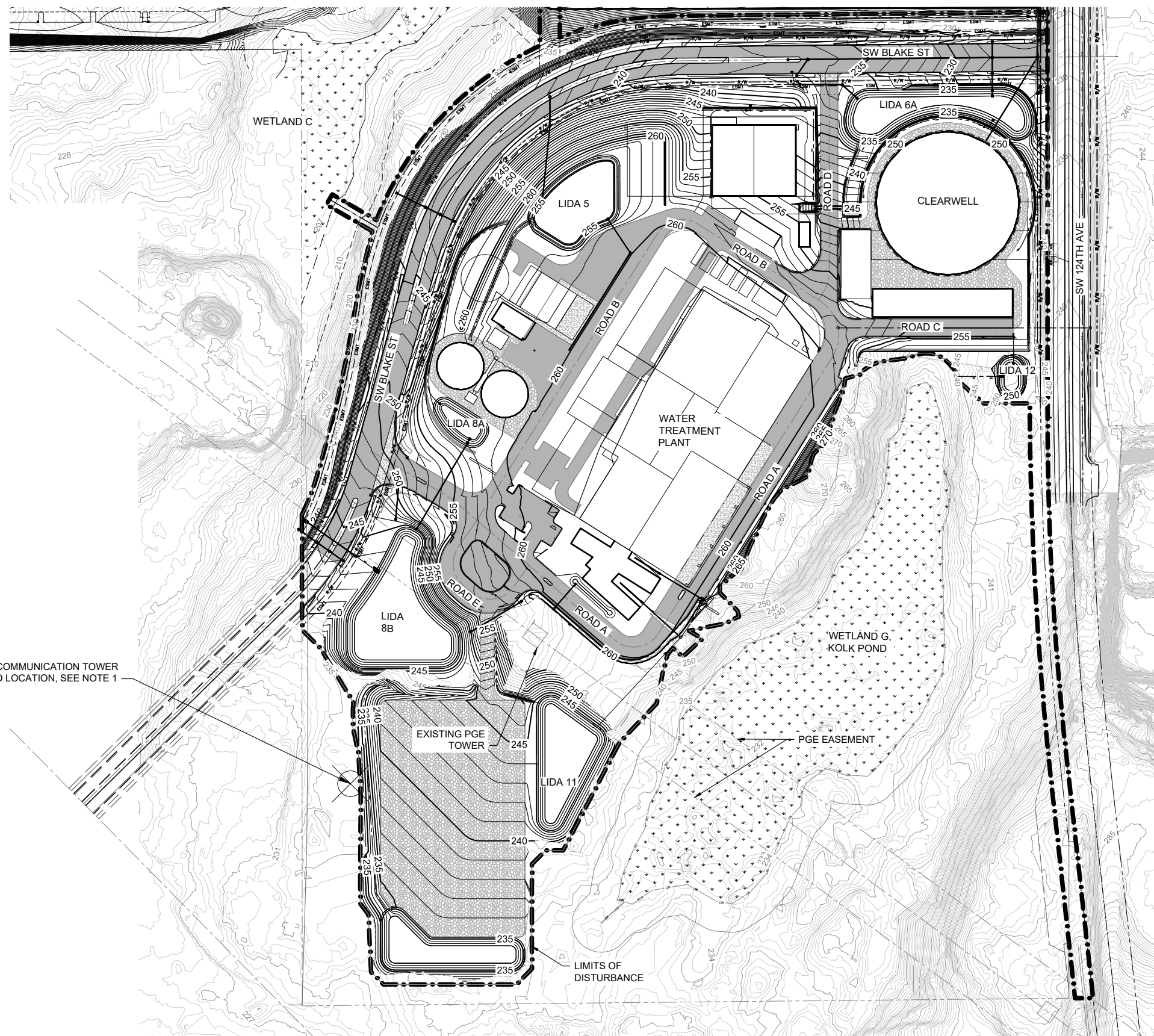
- RADIO/COMMUNICATION TOWER, PROPOSED LOCATION IN COORDINATES AND LATITUDE/LONGITUDE:
- OREGON STATE PLANE NORTH:  
N 626802.47, E7608335.66
  - OCRS (WWSP WTP Coordinate System)  
N113967.60, E312534.94, Z235.76
  - LATITUDE & LONGITUDE  
N45°21'45.56243", W122°48'37.76702"
- ELEVATION OF BASE ABOVE FINISHED GRADE AT PROPOSED LOCATION BETWEEN EL. +236 AND EL. +244

HALF-STREET FRONTAGE AND RIGHT-OF-WAY (ROW) IMPROVEMENTS FOR SW 124TH AVE ARE STILL BEING COORDINATED AMONGST STAKEHOLDERS INCLUDING THE CITY AND COUNTY. THEREFORE, IMPROVEMENTS ARE NOT YET SHOWN BUT WILL BE SHOWN ON FUTURE VERSIONS OF THIS DRAWING

BY: BEN FOSTER

PLOT DATE: Wednesday, May 25, 2016 1:37:44 PM

DWG FILE: C:\cdm\ben.foster@murraysmith.us\0274278\WTP1-03-GR-20001.dwg



**KEY MAP**  
NTS

RADIO/COMMUNICATION TOWER PROPOSED LOCATION, SEE NOTE 1

**SHEET B-169: RADIO/COMMUNICATIONS TOWER PROPOSED LOCATION**

90% DESIGN - NOT FOR CONSTRUCTION

DSGN	K USAGAWA						
DR	M ESTEP						
CHK	B FOSTER						
APVD	M HICKEY	NO.	DATE	REVISION	BY	APVD	

VERIFY SCALE  
BAR IS ONE INCH ON ORIGINAL DRAWING.  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



SITE  
**RADIO/COMMUNICATIONS TOWER PROPOSED LOCATION**

SHEET	
DWG	
DATE	AUG 2020
PROJ	WTP_1.0

PLOT DATE AND TIME: 8/28/2020 10:08:52 AM