

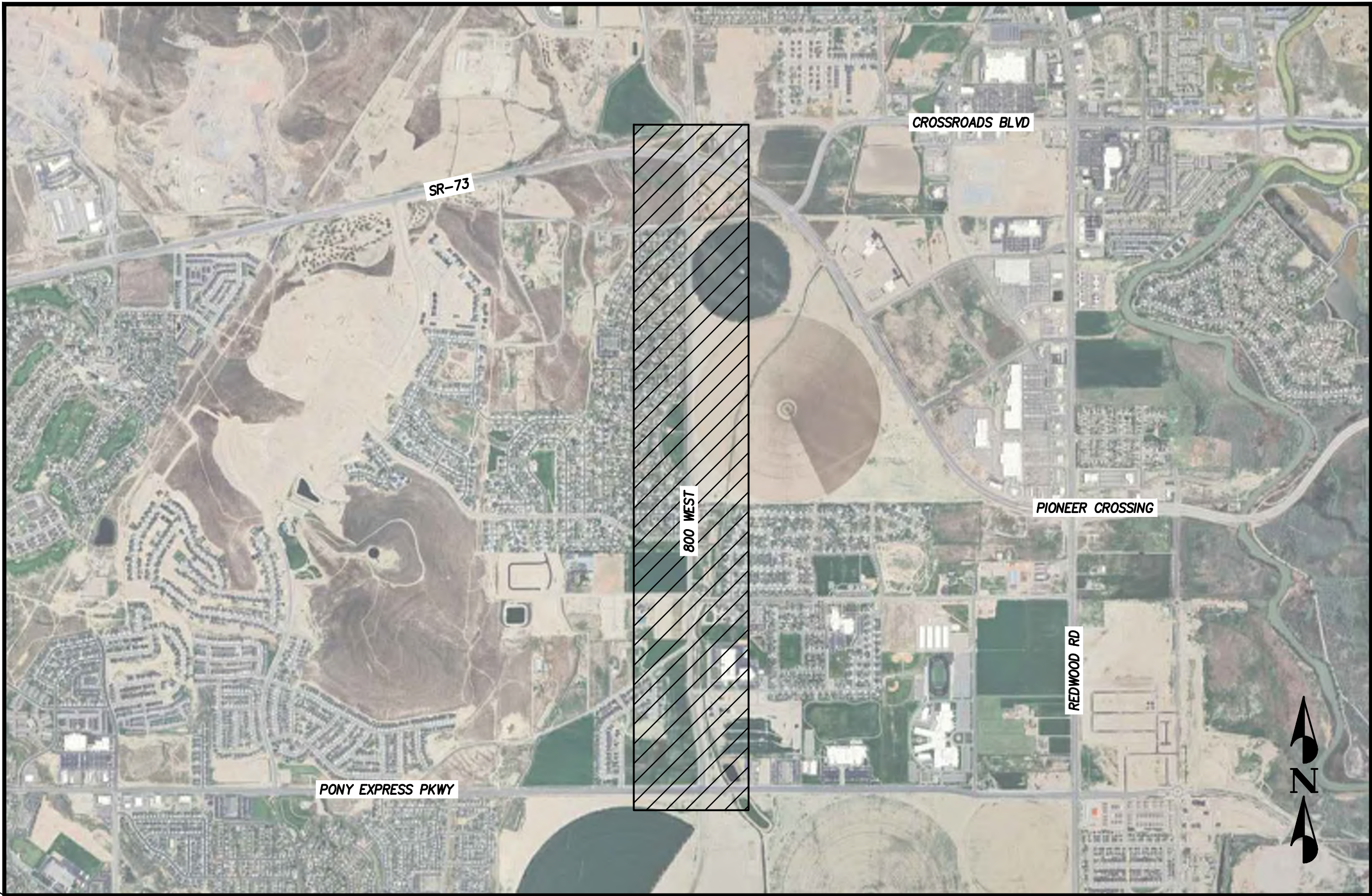
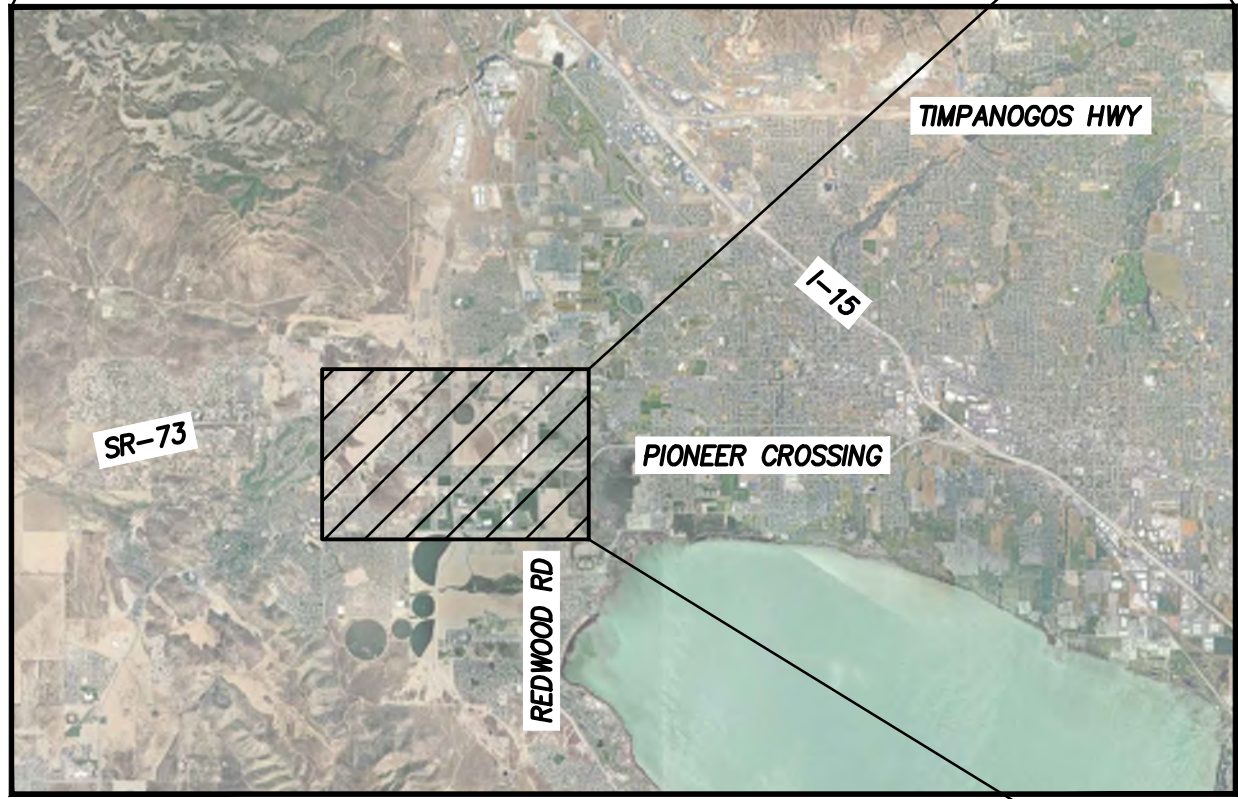
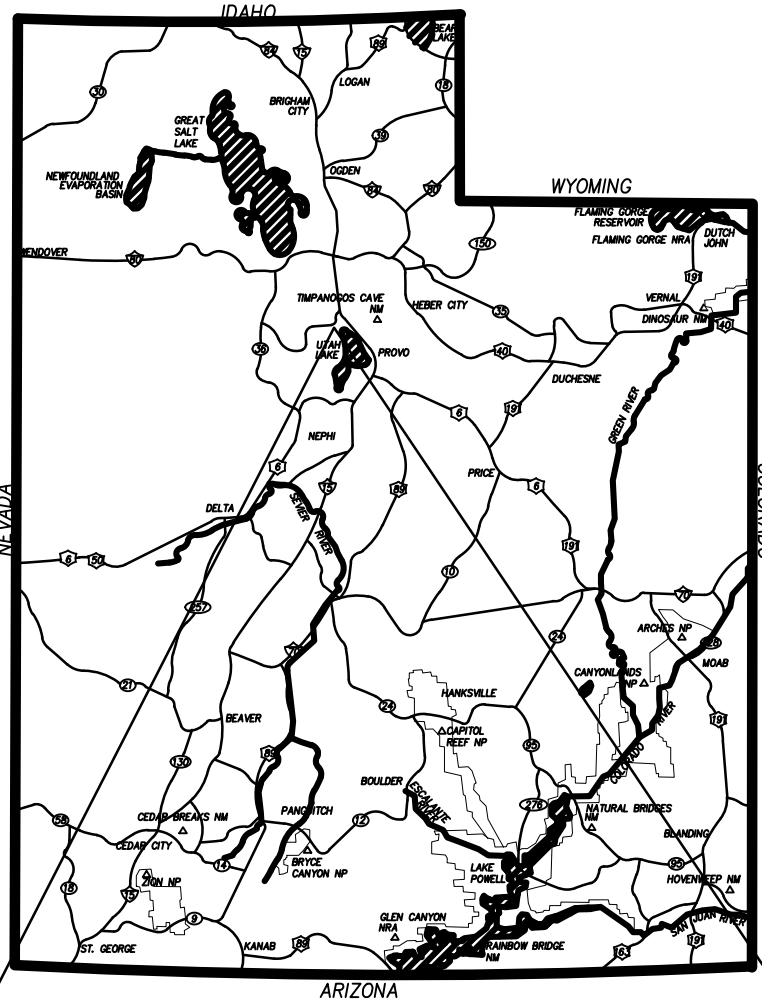
REVISIONS			
	DESCRIPTION	DATE	SHEETS AFFECTED

800 WEST (FOOTHILL BLVD) ROADWAY IMPROVEMENTS SARATOGA SPRINGS, UT

LOCATED IN SECTIONS 15 & 22,
TOWNSHIP 5 SOUTH, RANGE 1 WEST,
SALT LAKE BASE AND MERIDIAN
SALT LAKE CITY, UTAH

APRIL 1, 2025

INDEX OF SHEETS	
C0.0	TITLE SHEET
C0.1	GENERAL NOTES
C1.0~C1.11	EXISTING CONDITIONS & DEMO PLAN
C2.0~C2.11	SITE & STRIPING PLAN
C3.0~C3.9	GRADING & DRAINAGE PLAN
C4.0~C4.1	400 NORTH PLAN & PROFILE
C5.0~C5.3	TYPICAL SECTIONS AND DETAILS
SG-01~SG-S03	TRAFFIC SIGNAL PLANS



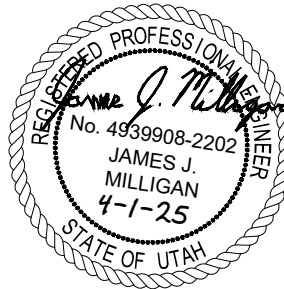
VICINITY MAP
NOT TO SCALE

ENGINEER/LAND SURVEYOR
CMT TECHNICAL SERVICES
CONTACT: JIM MILLIGAN (PROJECT ENGINEER)
AT (801) 562-2521
CONTACT: MIKE WITHERS (SURVEYOR MANAGER)
AT (801) 562-2521

CLIENT
SARATOGA SPRINGS
1307 NORTH COMMERCE DRIVE #200
SARATOGA SPRINGS, UT 84045
CONTACT: JEREMY LAPIN
PH: (801) 766-6506
EM: JLAPIN@SARATOGASPRINGS-UT.GOV

TRANSPORTATION ENGINEER
A-TRANS
P.O. BOX 521651
SALT LAKE CITY, UT 84152
CONTACT: JOE PERRIN
PH: (801) 949-0348
EM: ATRANS@COMCAST.NET

ROCKY MOUNTAIN POWER
CONTACT: WYATT HANSEN
PH: (801) 756-1259 (O)
(385) 625-6188 (C)
EM: WYATT.HANSEN@PACIFICORP.COM



CMTTECHNICAL
SERVICES

9270 SOUTH 300 WEST • SANDY, UT 84070
PHONE: (801) 562-2521 • FAX: (801) 562-2551

CIVIL ENGINEERING • LAND SURVEYING • PROJECT MANAGEMENT
GEOTECHNICAL • MATERIALS TESTING • INSPECTIONS

APRIL 1, 2025 DATE:	1005.2316 PROJECT:	DWG/00-TITLE FILE:	SHEET NO. C0.0
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1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH GOVERNING AGENCY STANDARDS AND SPECIFICATIONS INCLUDING SARATOGA SPRINGS STANDARDS. IN THE ABSENCE OF PROJECT STANDARD AND SPECIFICATIONS, 2025 APWA STANDARDS AND SPECIFICATIONS SHALL GOVERN.

- ### DEMOLITION NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH GOVERNING AGENCY STANDARDS AND SPECIFICATIONS INCLUDING SARATOGA SPRINGS STANDARDS. IN THE ABSENCE OF PROJECT STANDARDS AND SPECIFICATIONS, 2025 APWA STANDARDS AND SPECIFICATIONS SHALL GOVERN.

- ### SITE NOTES

1. ALL CURB DIMENSIONS ARE TO LIP OF GUTTER UNLESS OTHERWISE NOTED.
2. ALL WORK SHALL COMPLY WITH THE PROJECT PLANS, PROJECT SPECIFICATIONS, PROJECT

3. ALL STRIPING, PAVEMENT MARKINGS, AND SIGNAGE TO COMPLY WITH THE CURRENT M.U.T.C.D. EDITION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES OR LOCAL CODE, WHICHEVER IS MORE STRINGENT.

4. CONTRACTOR IS RESPONSIBLE FOR PERFORMING WORK ON OR ADJACENT TO A PUBLIC ROAD TO PROVIDE, INSTALL, AND MAINTAIN APPROPRIATE TRAFFIC CONTROL DEVICES, AS WELL AS ANY ADDITIONAL TRAFFIC CONTROL DEVICES THAT MAY BE REQUIRED TO INSURE SAFE AND EFFICIENT MOVEMENT OF TRAFFIC AND PEDESTRIANS THROUGH OR AROUND THE WORK AREA AND TO PROVIDE MAXIMUM PROTECTION AND SAFETY TO ROAD WORKERS. TRAFFIC CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF THE MUTCD. THE CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN STAMPED AND SIGNED BY A LICENSED ENGINEER.

1. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND SPECIFICATIONS.

2. THE CONTRACTOR SHALL STRIP AND CLEAR THE VEGETATION, MAJOR ROOTS AND ORGANIC MATERIAL (ASSUME 6" DEPTH) FROM ALL PROPOSED BUILDING AND PAVEMENT AREAS PRIOR TO SITE GRADING.

3. THE CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT OF THIS PROJECT. ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS BECOMES THE RESPONSIBILITY OF THE CONTRACTOR.

4. THE CONTRACTOR SHALL GRADE THE PROJECT SITE TO PROVIDE A SMOOTH TRANSITION BETWEEN NEW AND EXISTING ASPHALT, CURB AND GUTTER, AND ADJOINING SITE IMPROVEMENTS.

5. CONTRACTOR SHALL ENSURE FINISHED GRADE SLOPES AWAY FROM ALL STRUCTURES ACCORDING BUILDING CODES AND AS SHOWN ON THIS PLAN.

6. CONTRACTOR SHALL USE APPROPRIATELY SIZED EQUIPMENT FOR PROJECT WORK. CONTRACTOR SHALL NOT PERFORM WORK ON SATURATED SUBGRADE. CONTRACTOR SHALL NOT USE EQUIPMENT OR PERFORM THE WORK IN A WAY THAT CAUSES SHEAR FAILURE (PUMPING) OF THE SUBGRADE OF ANY OVERLYING LAYER BEING PLACED.

1. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE.

- TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THE UTILITY SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL

- COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY THE LOCATIONS OF EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT. THE CONTRACTOR IS TO VERIFY ALL CONNECTION POINTS WITH THE EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN. IF CONFLICTS WITH EXISTING UTILITIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION TO DETERMINE IF ANY FIELD ADJUSTMENTS SHOULD BE MADE. ENSURE ALL OSHA STANDARDS ARE FOLLOWED.

2. CONTRACTOR SHALL PROVIDE AND MAINTAIN AT ALL TIMES AMPLE MEANS AND DEVICES WITH WHICH TO REMOVE PROMPTLY AND TO PROPERLY DISPOSE OF ALL WATER ENTERING THE TRENCH EXCAVATION. CONTRACTOR SHALL CONTROL SURFACE AND GROUND WATER WITHIN THE WORK ZONE AS NEEDED TO CONSTRUCT THE WORK ACCORDING TO SPECIFICATION REQUIREMENTS.

3. CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE UTILITY & DRAINAGE ACCESS POINTS MATCH TO FINISHED GRADE. RISERS & WATER VALVE EXTENSIONS MAY BE NECESSARY, PARTICULARLY AT DRAINAGE INSTALLATIONS.

4. CONTRACTOR SHALL INSTALL THRUST BLOCKING AT ALL WATERLINE ANGLE POINTS AND TEES.
5. ALL UTILITY SERVICE ENTRY POINTS SHOWN ARE APPROXIMATE LOCATIONS ONLY.

1. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE COMPLIANCE WITH ALL U.P.D.E.S. PERMIT REQUIREMENTS AND TO PREPARE A STORMWATER POLLUTION PREVENTION PLAN TO DEFINE SITE SURFACE WATER PROTECTION OBJECTIVES. COMPLIANCE WITH THE SARATOGA SPRINGS MS4 IS

2. AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING CONTROLLING ONSITE EROSION DUE TO WIND AND RUNOFF. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL FACILITIES SHOWN.

3. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING DRAINAGE AND EROSION CONTROL FACILITIES REQUIRED. STREETS SHALL BE KEPT CLEAN OF DEBRIS FROM SITE TRAFFIC. IN ADDITION TO REGULAR CONTRACTOR INSPECTIONS, STREETS SHALL BE SWEEPED UPON CITY AND OWNER REQUEST.

4. CONTRACTOR SHALL USE VEHICLE TRACKING CONTROL AT ALL LOCATIONS WHERE VEHICLES WILL OR EXIT THE SITE. CONTROL FACILITIES WILL BE MAINTAINED WHILE CONSTRUCTION IS IN PROGRESS. TRACKING FACILITIES WILL BE MAINTAINED WHILE CONSTRUCTION IS IN PROGRESS, AND REMOVED AT COMPLETION OF PROJECT.

5. ADDITIONAL EROSION CONTROL MEASURES MAY BE DUE TO UNFORESEEN PROBLEMS OR IF THE FACILITY DOES NOT FUNCTION AS INTENDED. A REPRESENTATIVE OF THE CITY OR COUNTY PUBLIC WORKS DEPARTMENT MAY REQUIRE ADDITIONAL CONTROL DEVICES UPON INSPECTION OF PROPOSED FACILITY.

6. CONTRACTOR SHALL BE RESPONSIBLE OF ALL SWPPP SYSTEMS. CITY INSPECTOR MUST APPROVE REMOVAL OF ALL SWPPP DEVICES.

7. CONTRACTOR MAY REMOVE TEMPORARY INLET PROTECTION DEVICES AND SILT FENCING AFTER PAVEMENT SURFACES ARE COMPLETED AND/OR VEGETATION IS RE-ESTABLISHED.

8. EROSION CONTROL STRUCTURES BELOW SODDED AREAS MAY BE REMOVED ONCE SOD AND FINAL LANDSCAPING IS IN PLACE. EROSION CONTROL STRUCTURES BELOW SEEDS AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A MATURE COVERING OF HEALTHY VEGETATION (MIN.). EROSION CONTROL STRUCTURES IN PAVED AREAS SHALL REMAIN IN PLACE UNTIL PAVING COMPLETE, AND LANDSCAPE DRAINING ON TO PAVEMENT IS COMPLETE.

9. THE SWPPP BOOK AND UPDES PERMIT WILL BE PROVIDED BY THE CONTRACTOR PRIOR TO WORK KEPT ON-SITE THROUGHOUT THE PROJECT.

10. CONTRACTOR SHALL USE A STABILIZED ROADWAY ENTRANCE AT ALL ENTRANCES TO THE WORK

EX	EXISTING
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EX	EXISTING
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FL FLOW LINE

[illegible]

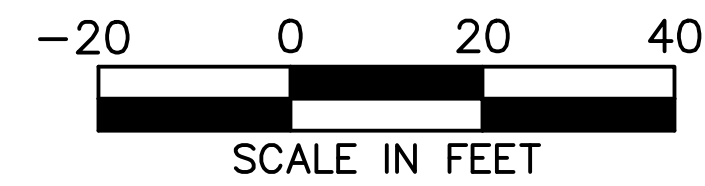
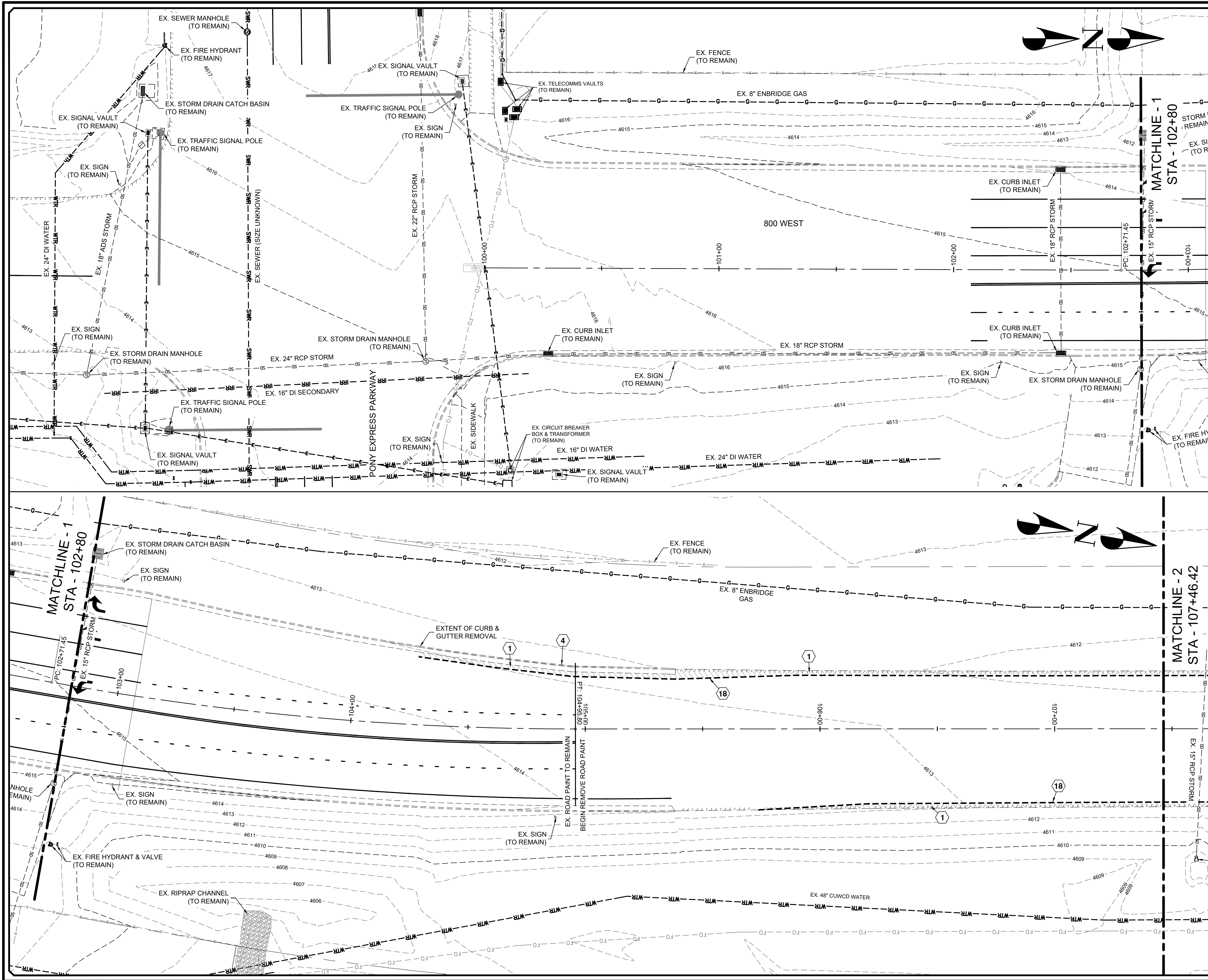
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CMT TECHNICAL SERVICES
9270 SOUTH 300 WEST • SANDY, UT 84070
PHONE: (801) 562-2521 • FAX: (801) 562-2551

MATERIALS TESTING • INSPECTION SERVICES • LAB TESTING • GEOTECHNICAL
ENVIRONMENTAL • CIVIL ENGINEERING • TRANSPORTATION ENGINEERING
SURVEYING • CONSTRUCTION MANAGEMENT • SPECIALTY LAB

800 WEST (FOOTHILL BLVD))	
ROADWAY IMPROVEMENTS	
GENERAL NOTES	
APRIL 1, 2025	1005.2316
LAST REVISED	PROJECT NUMBER
	DWG. (OO--TITLE DRAWING FILE

SARATOGA SP
CITY



- LEGEND**
- 5200 EXISTING 5' CONTOUR
 - 5201 EXISTING 1' CONTOUR
 - EXISTING CURB & GUTTER
 - EXISTING CENTER LINE
 - EXISTING SIDEWALK
 - EXISTING FENCE
 - EXISTING EDGE OF ASPHALT
 - EXISTING GRAVEL
 - EXISTING FLOWLINE
 - EXISTING IRRIGATION LINE
 - EXISTING SEWER LINE
 - EXISTING STORM DRAIN LINE
 - EXISTING WATER LINE
 - EXISTING TELEPHONE LINE
 - EXISTING GAS LINE
 - EXISTING UNDERGROUND ELEC.
 - EXISTING FIBER OPTIC LINE
 - EXISTING OVERHEAD ELECTRIC
 - RIGHT OF WAY
 - SAWCUT LINE

- KEYNOTE LEGEND**
- 1 EX. ASPHALT (TO BE REMOVED, HATCHED AREA)
 - 2 EX. ASPHALT (5" MILL AND OVERLAY REQ'D, HATCHED AREA)
 - 3 EX. CONCRETE (TO BE REMOVED, HATCHED AREA)
 - 4 EX. CURB & GUTTER (TO BE REMOVED)
 - 5 EX. SIGN (TO BE REMOVED)
 - 6 EX. POLE & OVERHEAD UTILITY LINES (TO BE REMOVED & BURIED BY ROCKY MOUNTAIN POWER)
 - 7 EX. FIBER VAULT/PAD (TO BE RELOCATED)
 - 8 EX. LIGHT POST (TO BE RELOCATED)
 - 9 EX. ELECTRICAL VAULT/PAD (TO BE RELOCATED BY ROCKY MOUNTAIN POWER, COORDINATION REQ'D)
 - 10 EX. SIGN (TO BE RELOCATED)
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 - 13 EX. STORM DRAIN STRUCTURE (ADJUST TO GRADE)
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 - 15 EX. WATER STRUCTURE (ADJUST TO GRADE)
 - 16 EX. IRRIGATION VALVE (ADJUST TO GRADE)
 - 17 EX. IRRIGATION CONTROL VALVE (TO BE RELOCATED)
 - 18 SAWCUT LINE (TYP.)



CMT TECHNICAL SERVICES	
9270 SOUTH 300 WEST • SANDY UT 84070	
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MATERIALS TESTING • INSPECTION SERVICES • LAB TESTING • GEOTECHNICAL	
ENVIRONMENTAL • CIVIL ENGINEERING • TRANSPORTATION ENGINEERING	
SURVEYING • CONSTRUCTION MANAGEMENT • SPECIALTY LAB	

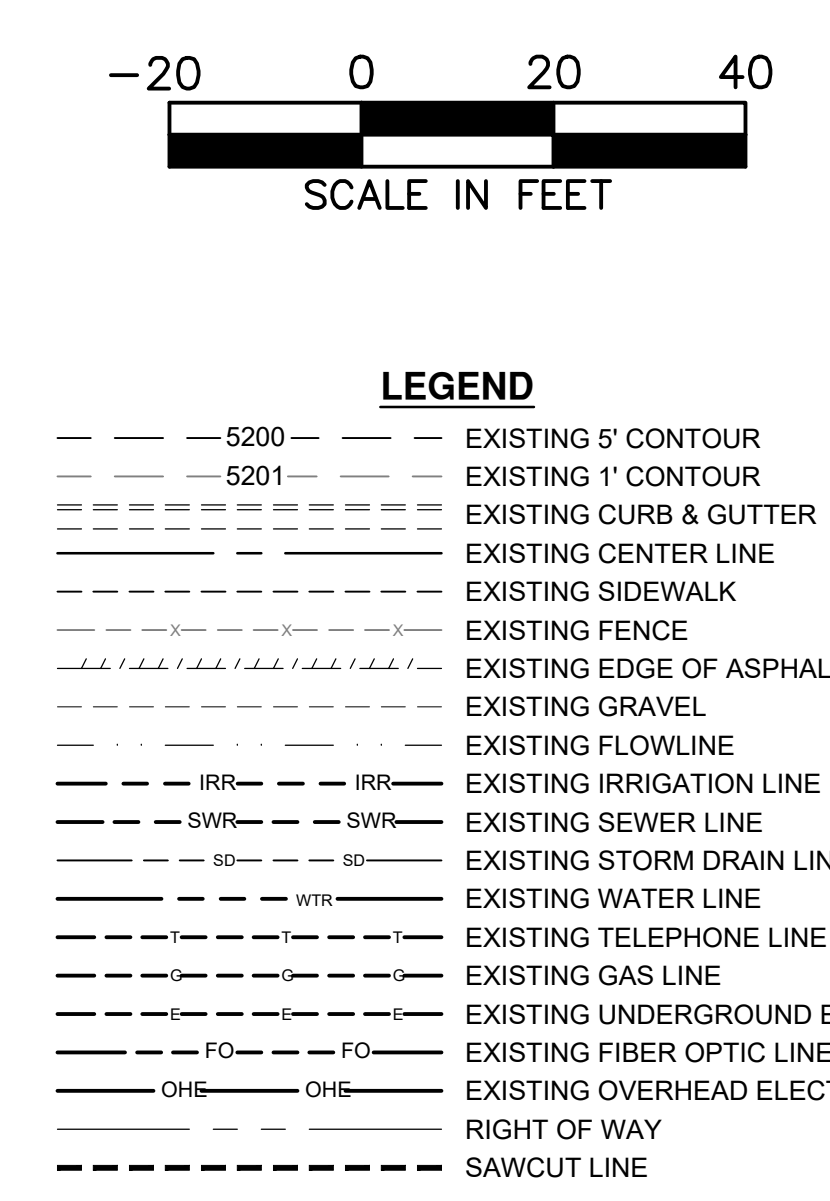
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DESCRIPTION	PROJECT NUMBER
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DESIGNED BY	RPB
CHECKED BY	JJM
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800 WEST (FOOTHILL BLVD)	
ROADWAY IMPROVEMENTS & DEMO PLAN	
EXISTING CONDITIONS & DEMO PLAN	
STA 100+00 ~ 107+46.42	
APRIL 1, 2025	DWG. 101-DEMO
LAST REVISED	PROJECT NUMBER

SARATOGA SPRINGS CITY	
Blue Stakes of Utah	
No. 4959908-2202	
JAMES J. MILLIGAN	
4-1-25	
STATE OF UTAH	

SHEET NO.	C1.1
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DRAWN BY:	MJP/RPB
DESIGNED BY:	RPB
CHECKED BY:	JJM
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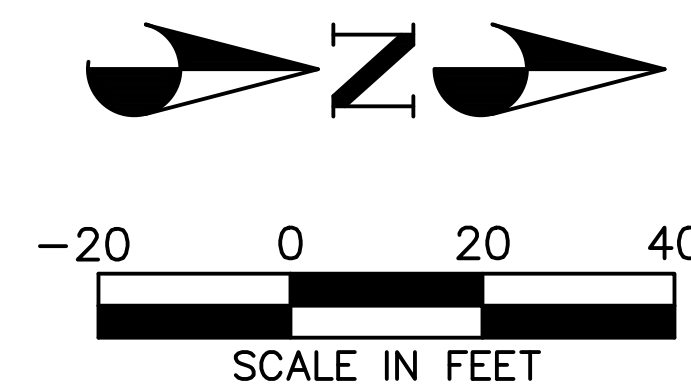
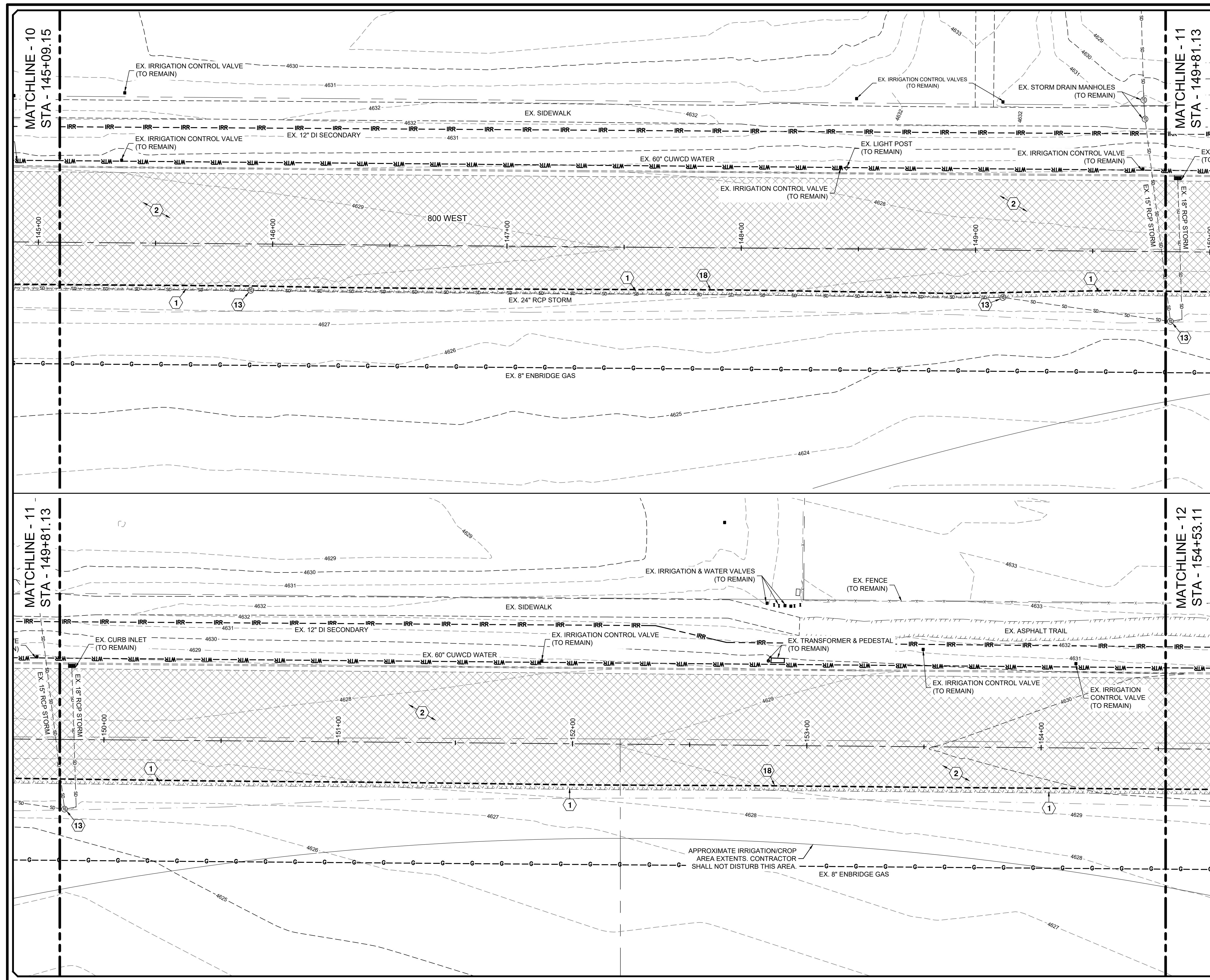
CMT TECHNICAL SERVICES
9270 SOUTH 300 WEST • SANDY, UT 84070
PHONE: (801) 562-2521 • FAX: (801) 562-2551

MATERIALS TESTING • INSPECTION SERVICES • LAB TESTING • GEOTECHNICAL
ENVIRONMENTAL • CIVIL ENGINEERING • TRANSPORTATION ENGINEERING
SURVEYING • CONSTRUCTION MANAGEMENT • SPECIALTY LAB

800 WEST (FOOTHILL BLVD)	
ROADWAY IMPROVEMENTS	
<i>EXISTING CONDITIONS & DEMO PLAN</i>	
STA 107+46.42 ~ 116+76.24	
APRIL 1, 2025	T005-2316
LAST REVISED	PROJECT NUMBER
	DWG '01 - DEMO DRAWING FILE

SARATOGA SPRINGS
CITY



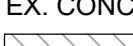
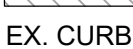


LEGEND

- | | |
|---|----------------------------|
| =====5200===== | EXISTING 5' CONTOUR |
| =====5201===== | EXISTING 1' CONTOUR |
| ===== | EXISTING CURB & GUTTER |
| ===== | EXISTING CENTER LINE |
| ===== | EXISTING SIDEWALK |
| -----X-----X-----X----- | EXISTING FENCE |
| _____/_____/_____/_____/_____/_____/_____/_____/_____ | EXISTING EDGE OF ASPHALT |
| ===== | EXISTING GRAVEL |
| ===== | EXISTING FLOWLINE |
| -----IRR-----IRR----- | EXISTING IRRIGATION LINE |
| -----SWR-----SWR----- | EXISTING SEWER LINE |
| -----SD-----SD----- | EXISTING STORM DRAIN LINE |
| -----WTR----- | EXISTING WATER LINE |
| -----T-----T-----T-----T----- | EXISTING TELEPHONE LINE |
| -----G-----G-----G-----G----- | EXISTING GAS LINE |
| -----E-----E-----E-----E----- | EXISTING UNDERGROUND ELEC |
| -----FO-----FO----- | EXISTING FIBER OPTIC LINE |
| -----OHS-----OHS----- | EXISTING OVERHEAD ELECTRIC |
| ===== | RIGHT OF WAY |
| ===== | SAWCUT LINE |

KEYNOTE LEGEND

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- ② EX. ASPHALT (5" MILL AND OVERLAY REQ'D, HATCHED AREA)

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- ⑰ EX. IRRIGATION CONTROL VALVE (TO BE RELOCATED)
- ⑱ SAWCUT LINE (TYP.)



Blue Stakes of
UTAH811
Bluestakes.org

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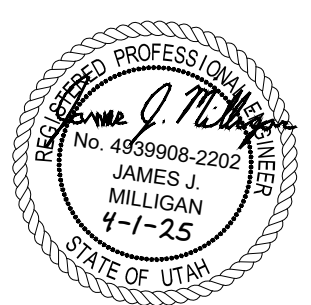
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DRAWN BY:	MJP/RPB
DESIGNED BY:	RPB
CHECKED BY:	JJM
SCALE:	*****

MT TECHNICAL SERVICES
9270 SOUTH 300 WEST • SANDY UT 84070
PHONE: (801) 562-2521 • FAX: (801) 562-2551

MATERIALS TESTING • INSPECTION SERVICES • A/P TESTING • GEOTECHNICAL
ENVIRONMENTAL • CIVIL ENGINEERING • TRANSPORTATION ENGINEERING
SURVEYING • CONSTRUCTION MANAGEMENT • SPECIALTY LAB

800 WEST (FOOTHILL BLVD))
ROADWAY IMPROVEMENTS
 EXISTING CONDITIONS & DEMO PLAN
 STA 145+09.15 ~ 154+53.11

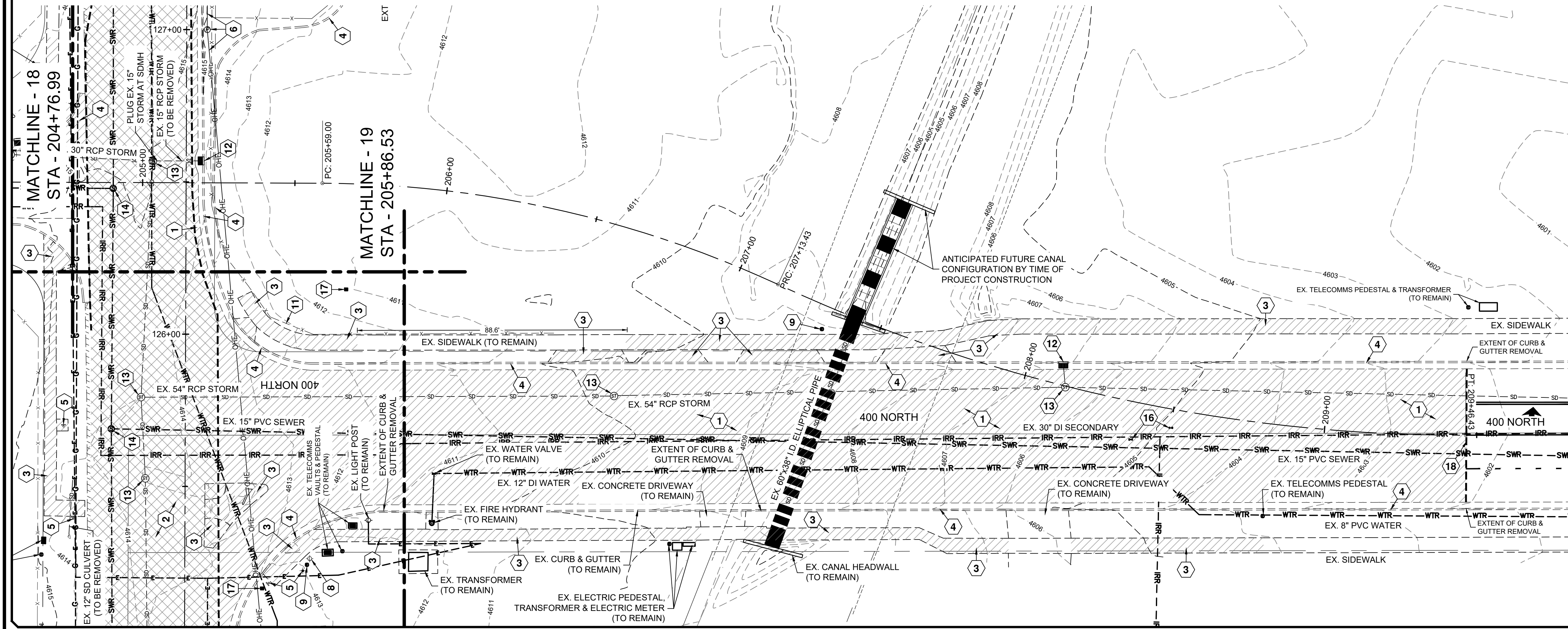
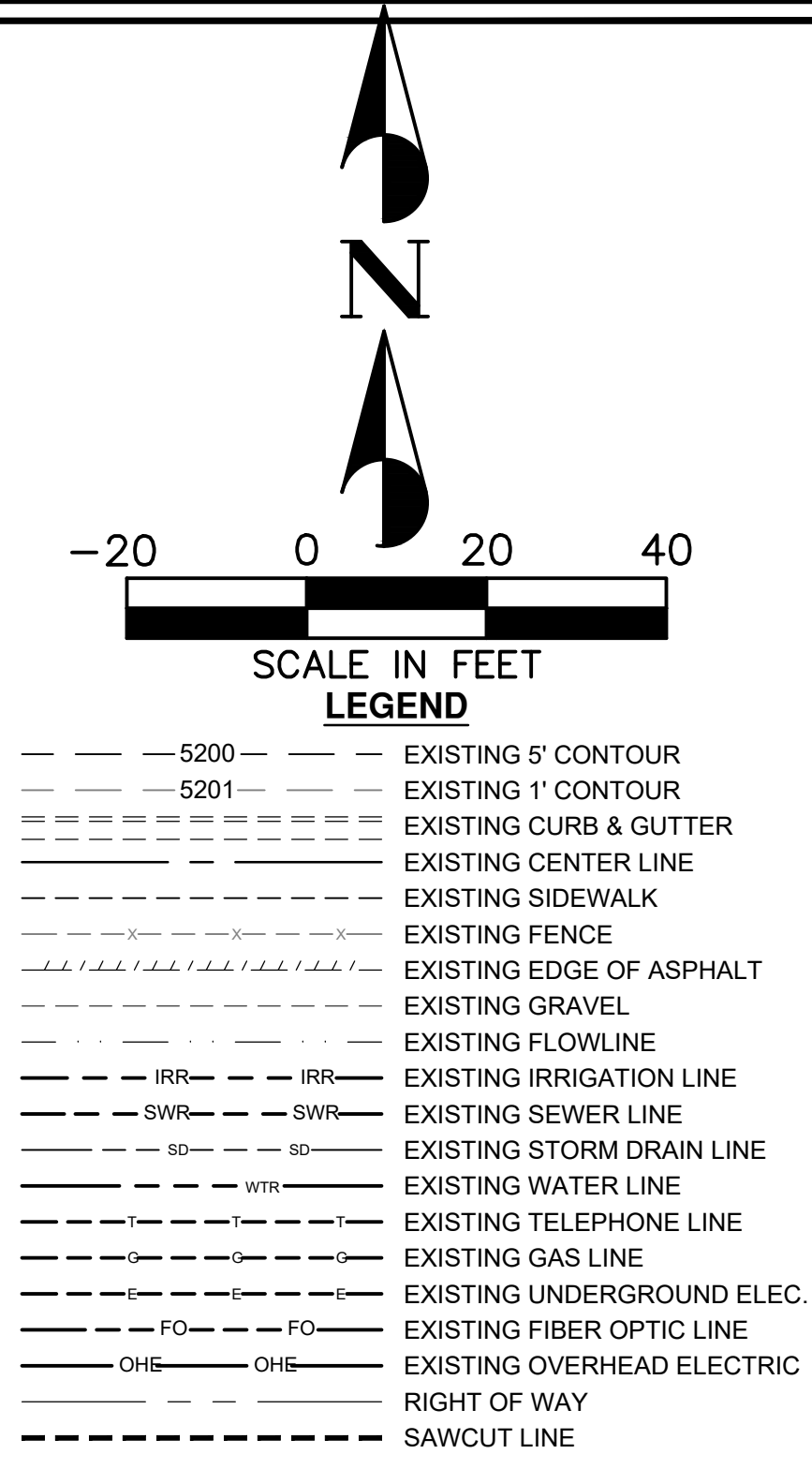
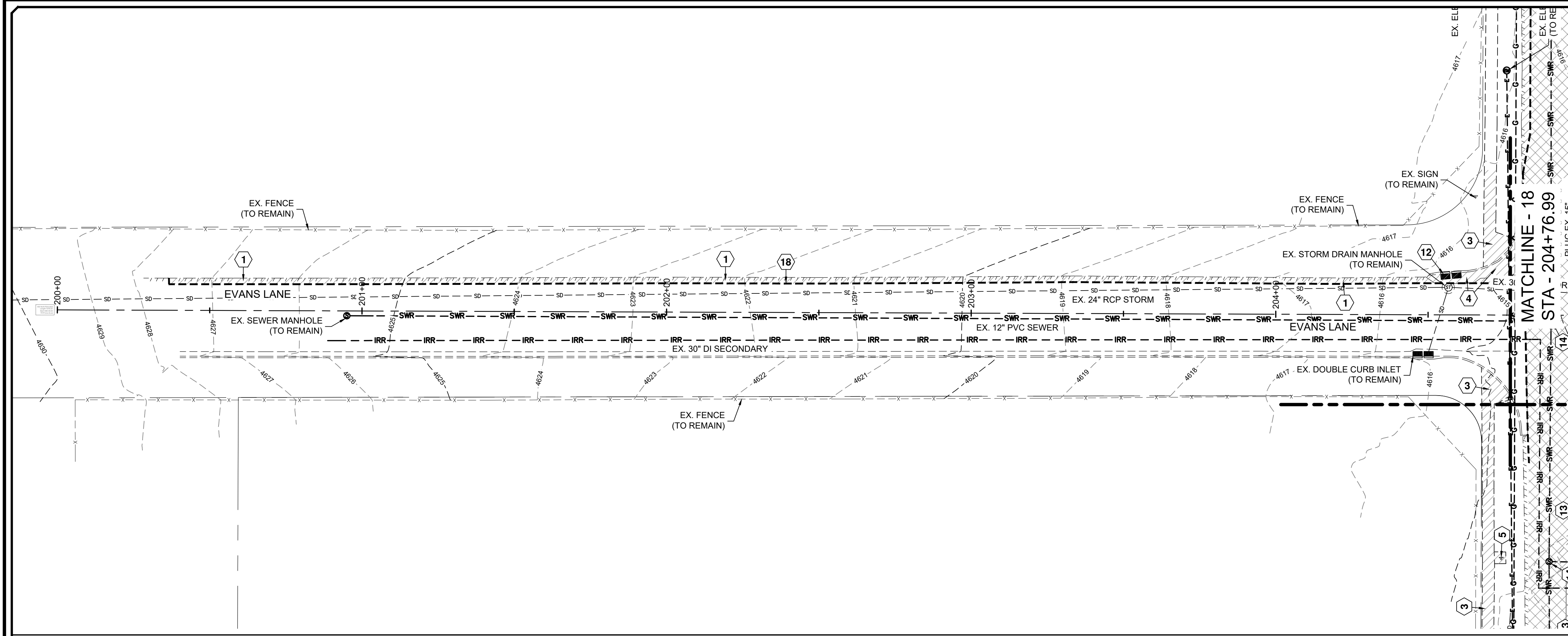
SARATOGA SPRINGS
CITY



SHEET NO. **C1.6**



SHEET NO. **C1.8**



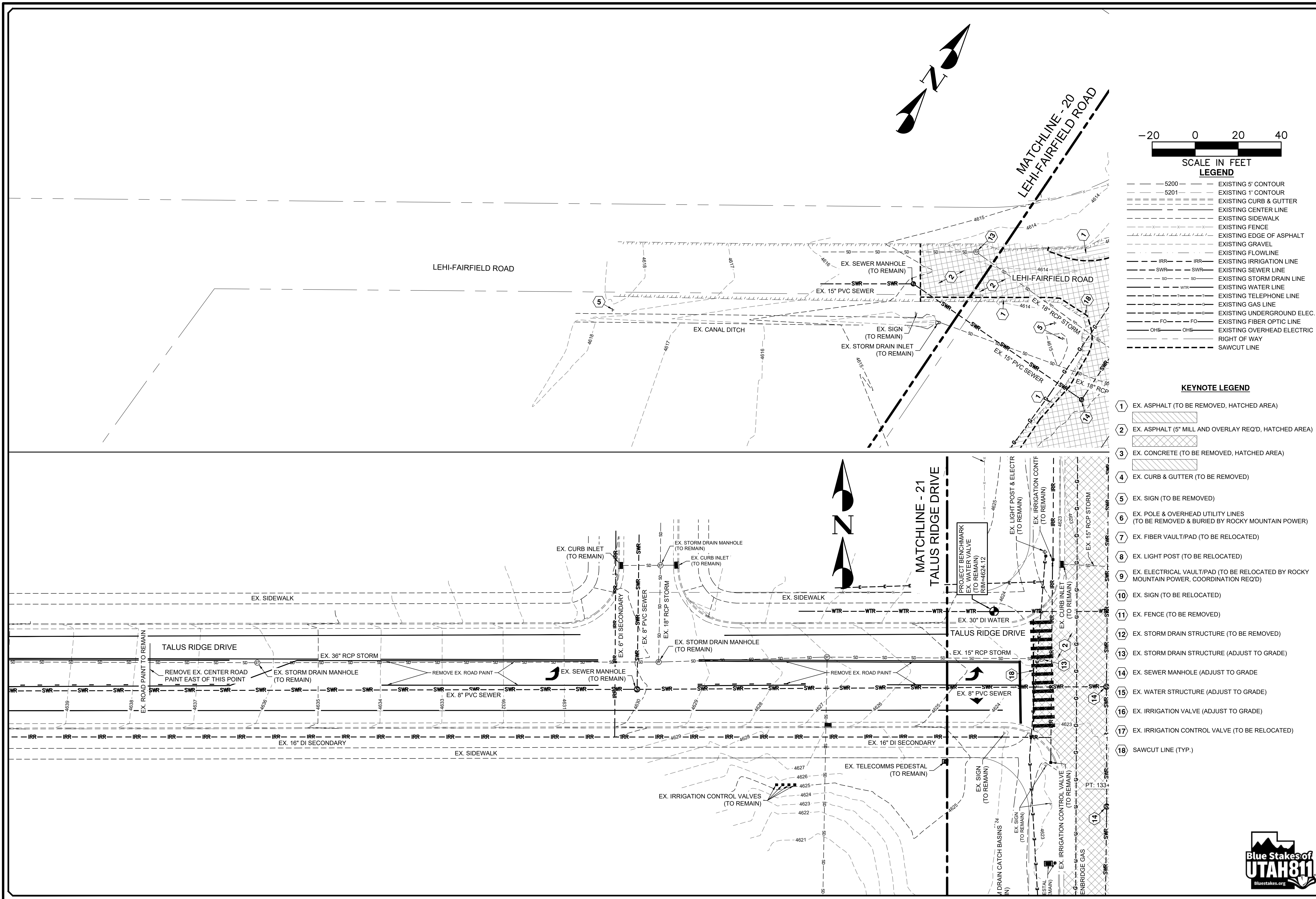
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CMT TECHNICAL SERVICES	
9270 SOUTH 300 WEST • SANDY UT 84070	
PHONE: (801) 562-2521 • FAX: (801) 562-2551	
MATERIALS TESTING • INSPECTION SERVICES • LAB TESTING • GEOTECHNICAL	
ENVIRONMENTAL • CIVIL ENGINEERING • TRANSPORTATION ENGINEERING	
SURVEYING • CONSTRUCTION MANAGEMENT • SPECIALTY LAB	
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APPROD	
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SCALE: 1"=40'	
DESIGNED BY: JLM	
CHECKED BY: JLM	
DRAWN BY: MAF/RPB	
SURVEY BY: CMT CREW	
ORIG. DATE: 12/23	

800 WEST (FOOTHILL BLVD)	
ROADWAY IMPROVEMENTS & DEMO PLAN	
EXISTING CONDITIONS & DEMO PLAN	
STA 200+00.00 ~ 209+80.00	
APRIL 1, 2025	DWG. 01 - DEMO
LAST REVISED	DRAWING FILE
PROJECT NUMBER	1005.2316

SARATOGA SPRINGS CITY	
Professional Engineer Seal: James J. Milligan, No. 495908-2202, State of Utah, 4-1-25	
SHEET NO. C1.10	

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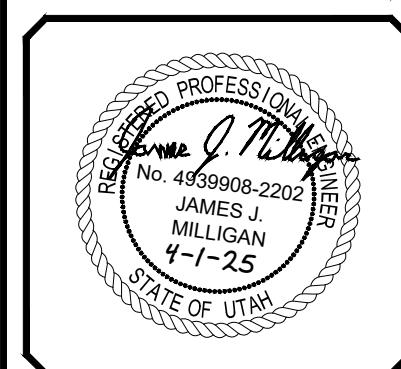
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SURVEY BY:	CMT CREW
DRAWN BY:	MJP/RPB
DESIGNED BY:	RPB
CHECKED BY:	JJM
SCALE:	*****

CMT TECHNICAL SERVICES
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MATERIALS TESTING • INSPECTION SERVICES • LAB TESTING • GEO/TECHNICAL
ENVIRONMENTAL • CIVIL ENGINEERING • TRANSPORTATION ENGINEERING
SURVEYING • CONSTRUCTION MANAGEMENT • SPECIALTY LAB

8800 WEST (FOOTHILL BLVD))
ROADWAY IMPROVEMENTS
 EXISTING CONDITIONS & DEMO PLAN
 TALUS RIDGE DR. & LEHI-FAIRFIELD RD

SARATOGA SPRINGS
CITY



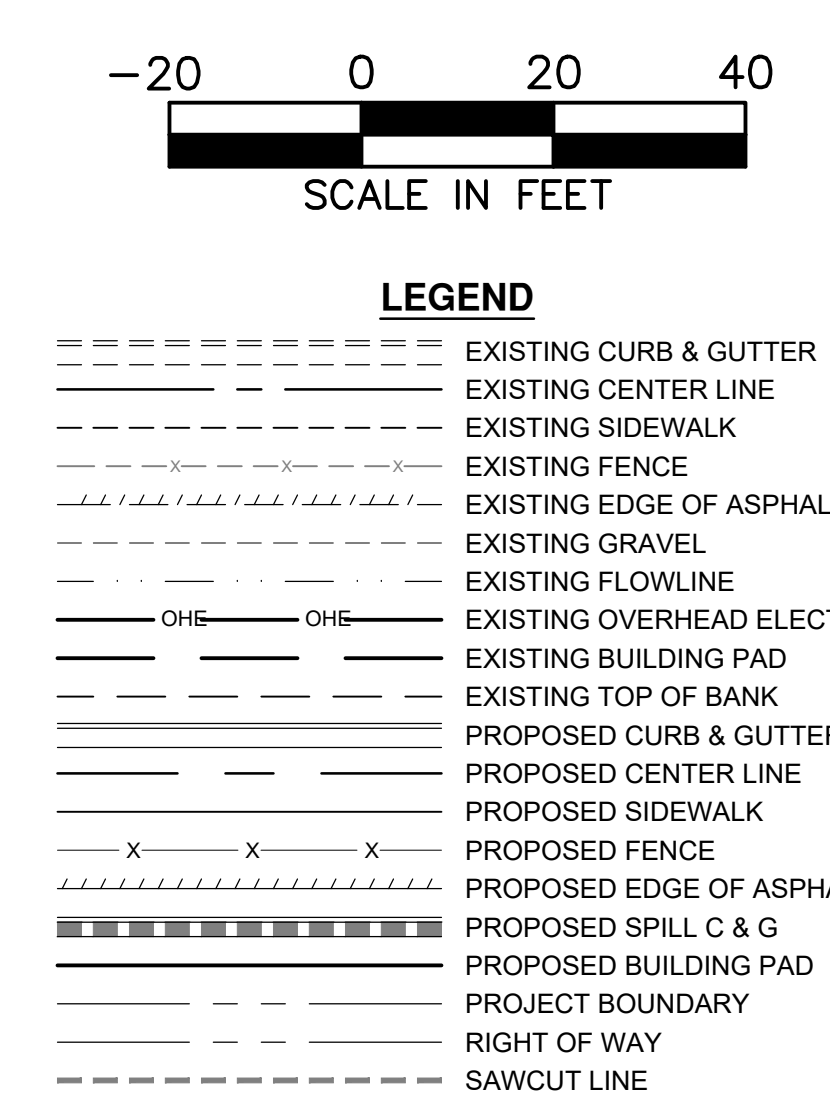
SHEET NO. **C1.11**



SHEET NO. **C2.1**



Blue Stakes of
UTAH811
Bluestakes.org



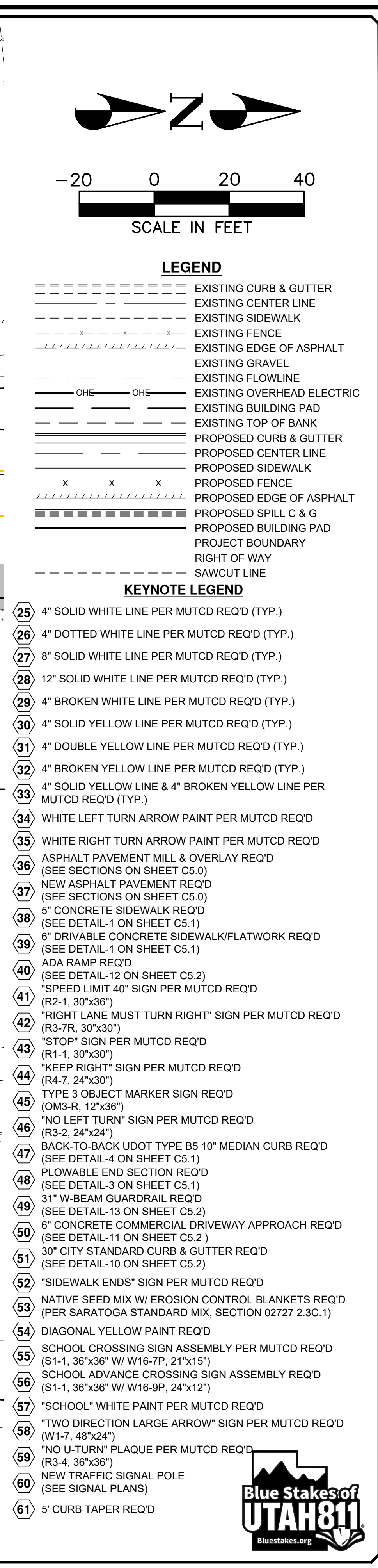
- 25 4" SOLID WHITE LINE PER MUTCD REQ'D (TYP.)
 - 26 4" DOTTED WHITE LINE PER MUTCD REQ'D (TYP.)
 - 27 8" SOLID WHITE LINE PER MUTCD REQ'D (TYP.)
 - 28 12" SOLID WHITE LINE PER MUTCD REQ'D (TYP.)
 - 29 4" BROKEN WHITE LINE PER MUTCD REQ'D (TYP.)
 - 30 4" SOLID YELLOW LINE PER MUTCD REQ'D (TYP.)
 - 31 4" DOUBLE YELLOW LINE PER MUTCD REQ'D (TYP.)
 - 32 4" BROKEN YELLOW LINE PER MUTCD REQ'D (TYP.)
 - 33 4" SOLID YELLOW LINE & 4" BROKEN YELLOW LINE PER MUTCD REQ'D (TYP.)
 - 34 WHITE LEFT TURN ARROW PAINT PER MUTCD REQ'D
 - 35 WHITE RIGHT TURN ARROW PAINT PER MUTCD REQ'D
 - 36 ASPHALT PAVEMENT MILL & OVERLAY REQ'D
(SEE SECTIONS ON SHEET C5.0)
 - 37 NEW ASPHALT PAVEMENT REQ'D
(SEE SECTIONS ON SHEET C5.0)
 - 38 5" CONCRETE SIDEWALK REQ'D
(SEE DETAIL-1 ON SHEET C5.1)
 - 39 6" DRIVABLE CONCRETE SIDEWALK/FLATWORK REQ'D
(SEE DETAIL-1 ON SHEET C5.1)
 - 40 ADA RAMP REQ'D
(SEE DETAIL-12 ON SHEET C5.2)
 - 41 "SPEED LIMIT 40" SIGN PER MUTCD REQ'D
(R2-1, 30"x36")
 - 42 "RIGHT LANE MUST TURN RIGHT" SIGN PER MUTCD REQ'D
(R3-7)
 - 43 "STOP" SIGN PER MUTCD REQ'D
(R1-1, 30"x30")
 - 44 "KEEP RIGHT" SIGN PER MUTCD REQ'D
(R4-7, 24"x30")
 - 45 TYPE 3 OBJECT MARKER SIGN REQ'D
(OM3-R, 12"x36")
 - 46 "NO LEFT TURN" SIGN PER MUTCD REQ'D
(R3-2, 24"x24")
 - 47 BACK-TO-BACK UDOT TYPE B5 10" MEDIAN CURB REQ'D
(SEE DETAIL-4 ON SHEET C5.1)
 - 48 PLOWABLE END SECTION REQ'D
(SEE DETAIL-3 ON SHEET C5.1)
 - 49 31" W-BEAM GUARDRAIL REQ'D
(SEE DETAIL-13 ON SHEET C5.2)
 - 50 6" CONCRETE COMMERCIAL DRIVEWAY APPROACH REQ'D
(SEE DETAIL-11 ON SHEET C5.2)
 - 51 30" CITY STANDARD CURB & GUTTER REQ'D
(SEE DETAIL-10 ON SHEET C5.2)
 - 52 "SIDEWALK ENDS" SIGN PER MUTCD REQ'D
 - 53 NATIVE SEED MIX W/ EROSION CONTROL BLANKETS REQ'D
(PER SARATOGA STANDARD MIX, SECTION 02727 2.3C.1)
 - 54 DIAGONAL YELLOW PAINT REQ'D
 - 55 SCHOOL CROSSING SIGN ASSEMBLY PER MUTCD REQ'D
(S1-1, 36"x36" W/ W16-7P, 21"x15")
 - 56 SCHOOL ADVANCE CROSSING SIGN ASSEMBLY REQ'D
(S1-1, 36"x36" W/ W16-9P, 24"x12")
 - 57 "SCHOOL" WHITE PAINT PER MUTCD REQ'D
 - 58 "TWO DIRECTION LARGE ARROW" SIGN PER MUTCD REQ'D
(W-7, 48"x24")
 - 59 "NO U-TURN" PLAQUE PER MUTCD REQ'D
(R3-4, 36"x36")
 - 60 NEW TRAFFIC SIGNAL POLE
(SEE SIGNAL PLANS)
 - 61 S' CURB TAPER REQ'D



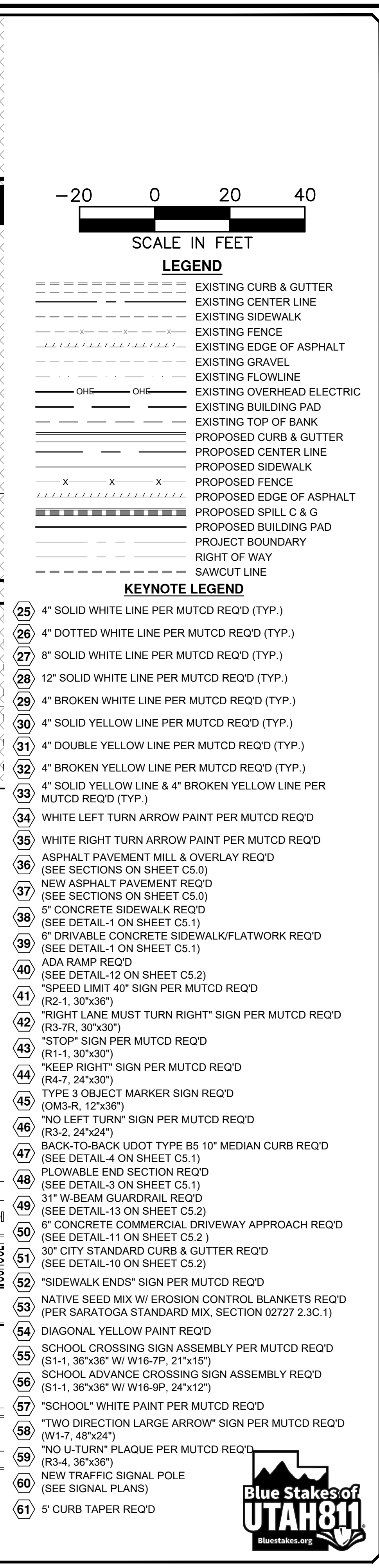
800 WEST (FOOTHILL BLVD) ROADWAY IMPROVEMENTS SITE & STRIPING PLAN STA 107+46.42 ~ 116+76.24 APRIL 1, 2025 LAST REVISED		DWG 027-SITE PROJECT NUMBER		1005-2316 DRAWING FILE	
		SARATOGA SPRINGS CITY			
CMT TECHNICAL SERVICES 9270 SOUTH 300 WEST • SANDY, UT 84070 PHONE: (801) 562-2521 • FAX: (801) 562-2551					
MATERIALS TESTING • INSPECTION SERVICES • LAB TESTING • GEOTECHNICAL ENVIRONMENTAL • CIVIL ENGINEERING • TRANSPORTATION ENGINEERING SURVEYING • CONSTRUCTION MANAGEMENT • SPECIALTY LAB		DESIGNED BY : JMM CHECKED BY : SCALE : #####		DRAWN BY : MJP/RPB SURVEY BY: CMT CREW ORIG. DATE: 12/23	
SHEET NO. C2.2		DATE			

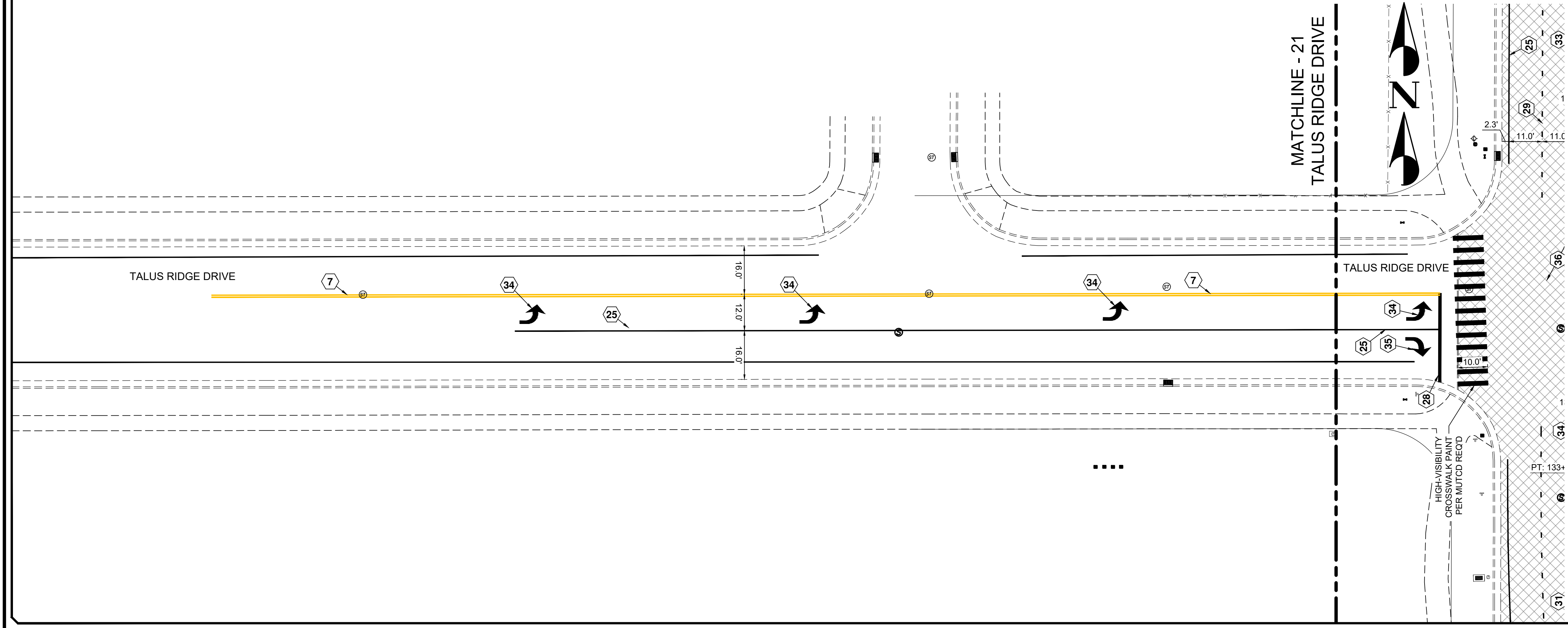
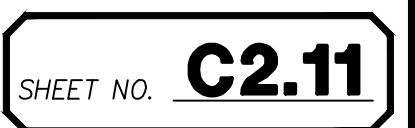


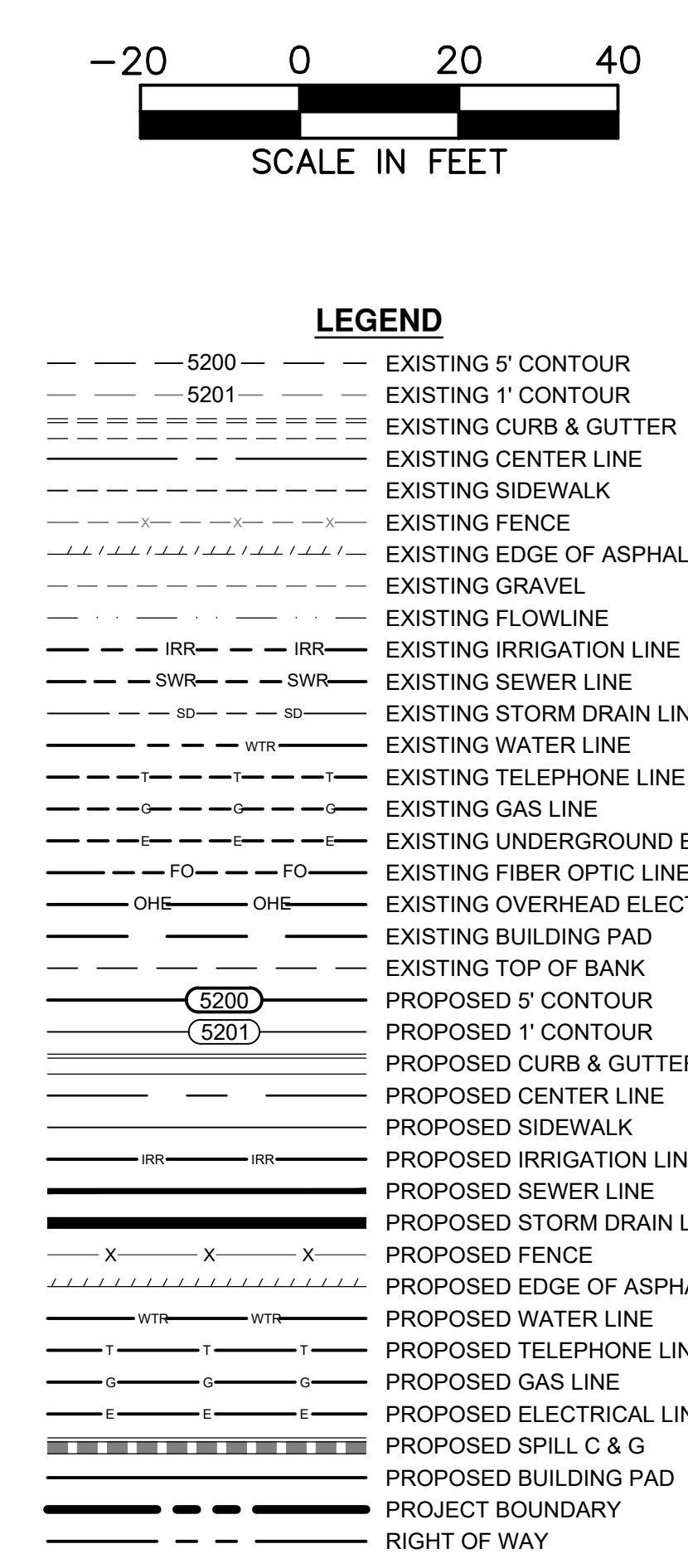
Blue Stakes of
UTAH811
Bluestakes.org

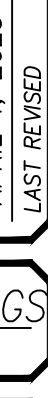


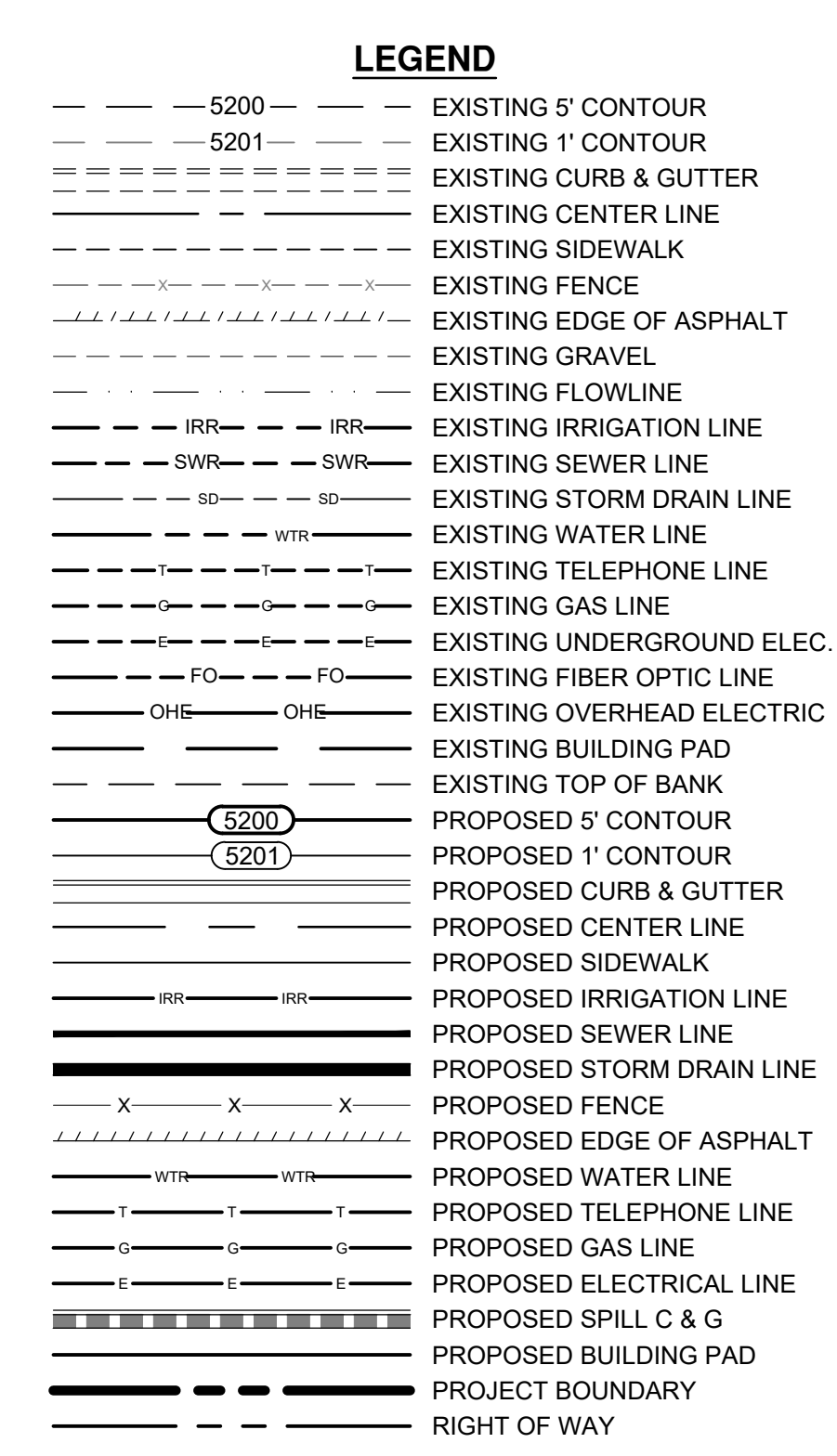
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APRIL 1, 2025		1005.2316		STA 173+41.05 ~ 182+34.51	
LAST REVISED		PROJECT NUMBER		DRAWING FILE	
SARATOGA SPRINGS CITY					
					
SHEET NO. C2.9					
CMT TECHNICAL SERVICES		9270 SOUTH 300 WEST • SANDY, UT 84070			
PHONE: (801) 562-2521 • FAX: (801) 562-2551		MATERIALS TESTING • INSPECTION SERVICES • LAB TESTING • GEOTECHNICAL ENVIRONMENTAL • CIVIL ENGINEERING • TRANSPORTATION ENGINEERING SURVEYING CONSTRUCTION MANAGEMENT SPECIALTY LAB			
ORIG. DATE 12/23		SURVEY BY: CMT CREW		NO.	
DRAWN BY: MAP/RRB		DESIGNED BY: RRB		DESCRIPTION	
CHECKED BY: JAM		SCALE: #####		DATE	
				APPRO.	

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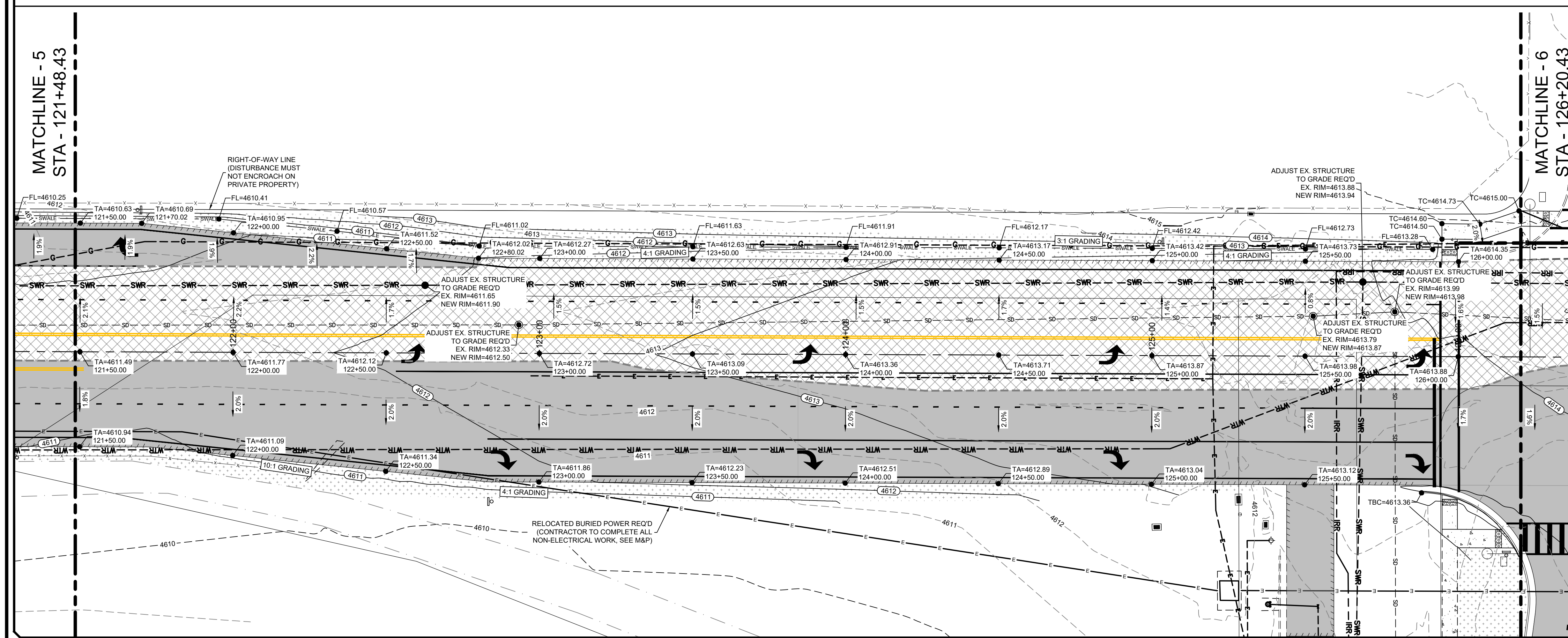
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		PROJECT NUMBER 1005-2316	DRAWING FILE
APRIL 1, 2025		LAST REVISED	
SARATOGA SPRINGS CITY			
			
SHEET NO.		C3.1	



SHEET NO. **C3.2**

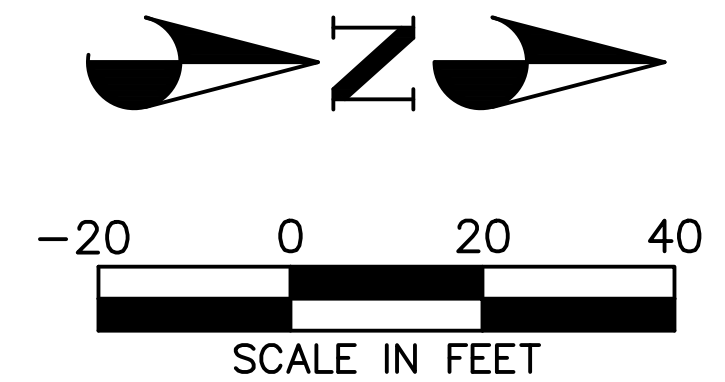
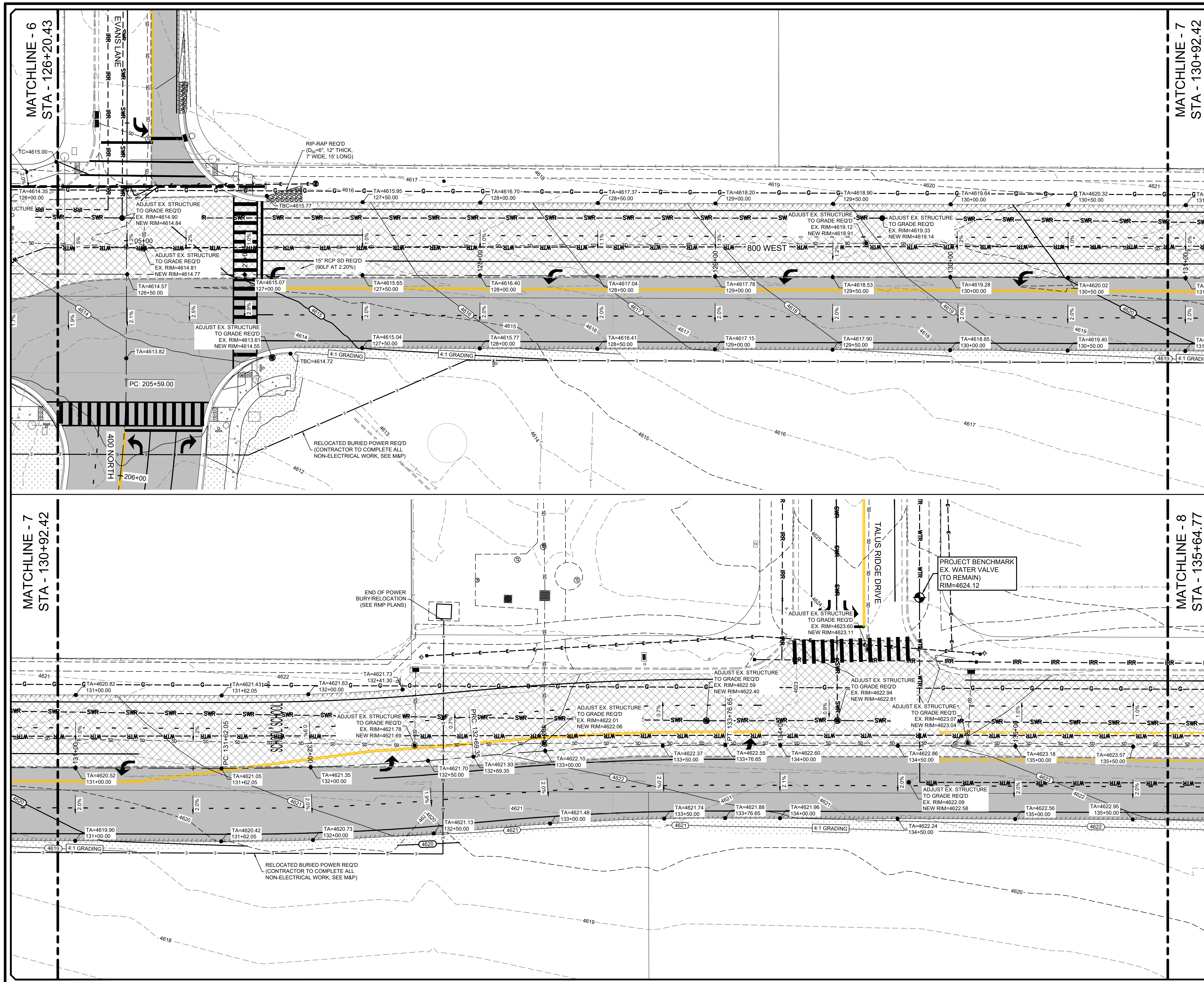


- | | |
|--|----------------------------|
| | EXISTING 5' CONTOUR |
| | EXISTING 1' CONTOUR |
| | EXISTING CURB & GUTTER |
| | EXISTING CENTER LINE |
| | EXISTING SIDEWALK |
| | EXISTING FENCE |
| | EXISTING EDGE OF ASPHALT |
| | EXISTING GRAVEL |
| | EXISTING FLOWLINE |
| | EXISTING IRRIGATION LINE |
| | EXISTING SEWER LINE |
| | EXISTING STORM DRAIN LINE |
| | EXISTING WATER LINE |
| | EXISTING TELEPHONE LINE |
| | EXISTING GAS LINE |
| | EXISTING UNDERGROUND ELEC. |
| | EXISTING FIBER OPTIC LINE |
| | EXISTING OVERHEAD ELECTRIC |
| | EXISTING BUILDING PAD |
| | EXISTING TOP OF BANK |
| | PROPOSED 5' CONTOUR |
| | PROPOSED 1' CONTOUR |
| | PROPOSED CURB & GUTTER |
| | PROPOSED CENTER LINE |
| | PROPOSED SIDEWALK |
| | PROPOSED IRRIGATION LINE |
| | PROPOSED SEWER LINE |
| | PROPOSED STORM DRAIN LINE |
| | PROPOSED FENCE |
| | PROPOSED EDGE OF ASPHALT |
| | PROPOSED WATER LINE |
| | PROPOSED TELEPHONE LINE |
| | PROPOSED GAS LINE |
| | PROPOSED ELECTRICAL LINE |
| | PROPOSED SPILL C & G |
| | PROPOSED BUILDING PAD |
| | PROJECT BOUNDARY |
| | RIGHT OF WAY |



SHEET NO. **C3.3**





LEGEND

- | | |
|-------------------------------|----------------------------|
| -----5200----- | EXISTING 5' CONTOUR |
| -----5201----- | EXISTING 1' CONTOUR |
| ----- | EXISTING CURB & GUTTER |
| ----- | EXISTING CENTER LINE |
| ----- | EXISTING SIDEWALK |
| ----- | EXISTING FENCE |
| ----- | EXISTING EDGE OF ASPHALT |
| ----- | EXISTING GRAVEL |
| ----- | EXISTING FLOWLINE |
| -----IRR-----IRR----- | EXISTING IRRIGATION LINE |
| -----SWR-----SWR----- | EXISTING SEWER LINE |
| -----SD-----SD----- | EXISTING STORM DRAIN LINE |
| -----WTR-----WTR----- | EXISTING WATER LINE |
| -----T-----T-----T-----T----- | EXISTING TELEPHONE LINE |
| -----G-----G-----G-----G----- | EXISTING GAS LINE |
| -----E-----E-----E-----E----- | EXISTING UNDERGROUND ELEC. |
| -----FO-----FO----- | EXISTING FIBER OPTIC LINE |
| -----OHS-----OHS----- | EXISTING OVERHEAD ELECTRIC |
| ----- | EXISTING BUILDING PAD |
| ----- | EXISTING TOP OF BANK |
| ----- | PROPOSED 5' CONTOUR |
| ----- | PROPOSED 1' CONTOUR |
| ----- | PROPOSED CURB & GUTTER |
| ----- | PROPOSED CENTER LINE |
| ----- | PROPOSED SIDEWALK |
| -----IRR-----IRR----- | PROPOSED IRRIGATION LINE |
| ----- | PROPOSED SEWER LINE |
| ----- | PROPOSED STORM DRAIN LINE |
| ----- | PROPOSED FENCE |
| -----X-----X-----X----- | PROPOSED EDGE OF ASPHALT |
| -----WTR-----WTR----- | PROPOSED WATER LINE |
| -----T-----T-----T-----T----- | PROPOSED TELEPHONE LINE |
| -----G-----G-----G-----G----- | PROPOSED GAS LINE |
| -----E-----E-----E-----E----- | PROPOSED ELECTRICAL LINE |
| ----- | PROPOSED SPILL C & G |
| ----- | PROPOSED BUILDING PAD |
| ----- | PROJECT BOUNDARY |
| ----- | RIGHT OF WAY |

[illegible]

ORIG. DATE:	12/23
SURVEY BY:	CMT CREW
DRAWN BY:	MJP/RPB
DESIGNED BY:	RPB
CHECKED BY:	JUM
SCALE:	*****

CMT TECHNICAL SERVICES
9270 SOUTH 300 WEST • SANDY, UT 84070
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8800 WEST (FOOTHILL BLVD)

ROADWAY IMPROVEMENTS

GRADING & DRAINAGE PLAN

STA 126+20.43 ~ 135+64.77

APRIL 1, 2025

PROJECT NUMBER 1005-2316

DWG 103-GRADING

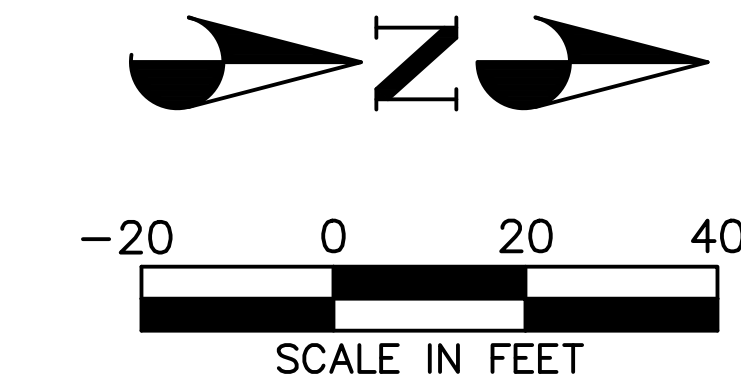
LAST REVISED _____ DRAWING FILE _____

SARATOGA SPRINGS
CITY



SHEET NO. **C3.4**





LEGEND

- | | |
|---------------|-------------------------------|
| — 5200 — | EXISTING 5' CONTOUR |
| — 5201 — | EXISTING 1' CONTOUR |
| ===== | EXISTING CURB & GUTTER |
| ===== | EXISTING CENTER LINE |
| ===== | EXISTING SIDEWALK |
| ===== | EXISTING FENCE |
| ===== | EXISTING EDGE OF ASPHALT |
| ===== | EXISTING GRAVEL |
| ===== | EXISTING FLOWLINE |
| — IRR — IRR — | EXISTING IRRIGATION LINE |
| — SWR — SWR — | EXISTING SEWER LINE |
| — SD — SD — | EXISTING STORM DRAIN LINE |
| — WTR — | EXISTING WATER LINE |
| — T — T — | EXISTING TELEPHONE LINE |
| — G — G — | EXISTING GAS LINE |
| — E — E — | EXISTING UNDERGROUND ELECTRIC |
| — FO — FO — | EXISTING FIBER OPTIC LINE |
| — OHS — OHS — | EXISTING OVERHEAD ELECTRIC |
| ===== | EXISTING BUILDING PAD |
| ===== | EXISTING TOP OF BANK |
| (5200) | PROPOSED 5' CONTOUR |
| (5201) | PROPOSED 1' CONTOUR |
| ===== | PROPOSED CURB & GUTTER |
| ===== | PROPOSED CENTER LINE |
| ===== | PROPOSED SIDEWALK |
| — IRR — IRR — | PROPOSED IRRIGATION LINE |
| ===== | PROPOSED SEWER LINE |
| ===== | PROPOSED STORM DRAIN LINE |
| — X — X — X — | PROPOSED FENCE |
| ===== | PROPOSED EDGE OF ASPHALT |
| — WTR — WTR — | PROPOSED WATER LINE |
| — T — T — | PROPOSED TELEPHONE LINE |
| — G — G — | PROPOSED GAS LINE |
| — E — E — | PROPOSED ELECTRICAL LINE |
| ===== | PROPOSED SPILL C & G |
| ===== | PROPOSED BUILDING PAD |
| ===== | PROJECT BOUNDARY |
| — — — | RIGHT OF WAY |

[illegible]

ORIG. DATE:	12/23
SURVEY BY:	CMT CREW
DRAWN BY:	MJP/RPB
DESIGNED BY:	RPB
CHECKED BY:	JJM
SCALE:	*****

CMT TECHNICAL SERVICES
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PHONE: (801) 562-2521 • FAX: (801) 562-2551

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800 WEST (FOOTHILL BLVD))

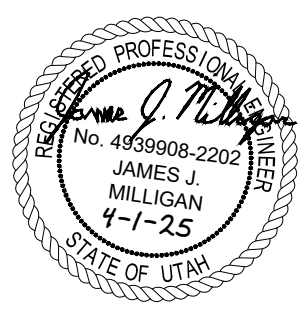
ROADWAY IMPROVEMENTS

GRADING & DRAINAGE PLAN

STA 135+64.77 ~ 145+09.15

APRIL 1, 2025	1005-2316	DWG/03-GRADING
LAST REVISED	PROJECT NUMBER	PROJECT NAME

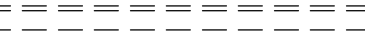
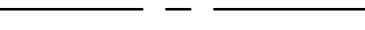
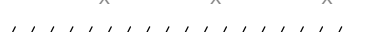
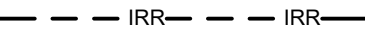
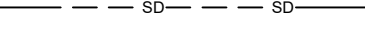
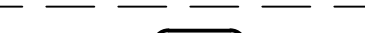
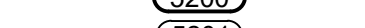
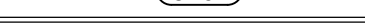
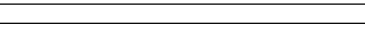
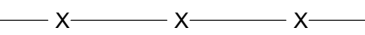
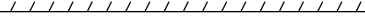
SARATOGA SPRINGS
CITY



SHEET NO. **C3.5**





 EXISTING 5' CONTOUR
 EXISTING 1' CONTOUR
 EXISTING CURB & GUTTER
 EXISTING CENTER LINE
 EXISTING SIDEWALK
 EXISTING FENCE
 EXISTING EDGE OF ASPHALT
 EXISTING GRAVEL
 EXISTING FLOWLINE
 EXISTING IRRIGATION LINE
 EXISTING SEWER LINE
 EXISTING STORM DRAIN LINE
 EXISTING WATER LINE
 EXISTING TELEPHONE LINE
 EXISTING GAS LINE
 EXISTING UNDERGROUND ELEC.
 EXISTING FIBER OPTIC LINE
 EXISTING OVERHEAD ELECTRIC
 EXISTING BUILDING PAD
 EXISTING TOP OF BANK
 PROPOSED 5' CONTOUR
 PROPOSED 1' CONTOUR
 PROPOSED CURB & GUTTER
 PROPOSED CENTER LINE
 PROPOSED SIDEWALK
 PROPOSED IRRIGATION LINE
 PROPOSED SEWER LINE
 PROPOSED STORM DRAIN LINE
 PROPOSED FENCE
 PROPOSED EDGE OF ASPHALT
 PROPOSED WATER LINE
 PROPOSED TELEPHONE LINE
 PROPOSED GAS LINE
 PROPOSED ELECTRICAL LINE
 PROPOSED SPILL C & G
 PROPOSED BUILDING PAD
 PROJECT BOUNDARY
 RIGHT OF WAY

800 WEST (FOOTHILL BLVD) ROADWAY IMPROVEMENTS GRADING & DRAINAGE PLAN STA 154+53.11 ~ 163+97.08 APRIL 1, 2025 LAST REVISED 1005-2316 PROJECT NUMBER DWG 03--GRADING DRAWING TITLE		12/23 DATE		12/23 DATE	
		CMT CREW SURVEY BY:		M/P/R/B DRAWN BY:	
		R/R/B DESIGNED BY:		J/M CHECKED BY:	
		SCALE:		1"=40'	

CMT TECHNICAL SERVICES

9270 SOUTH 300 WEST • SANDY, UT 84070

PHONE: (801) 562-2521 • FAX: (801) 562-2551

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ENVIRONMENTAL • CIVIL ENGINEERING • TRANSPORTATION ENGINEERING

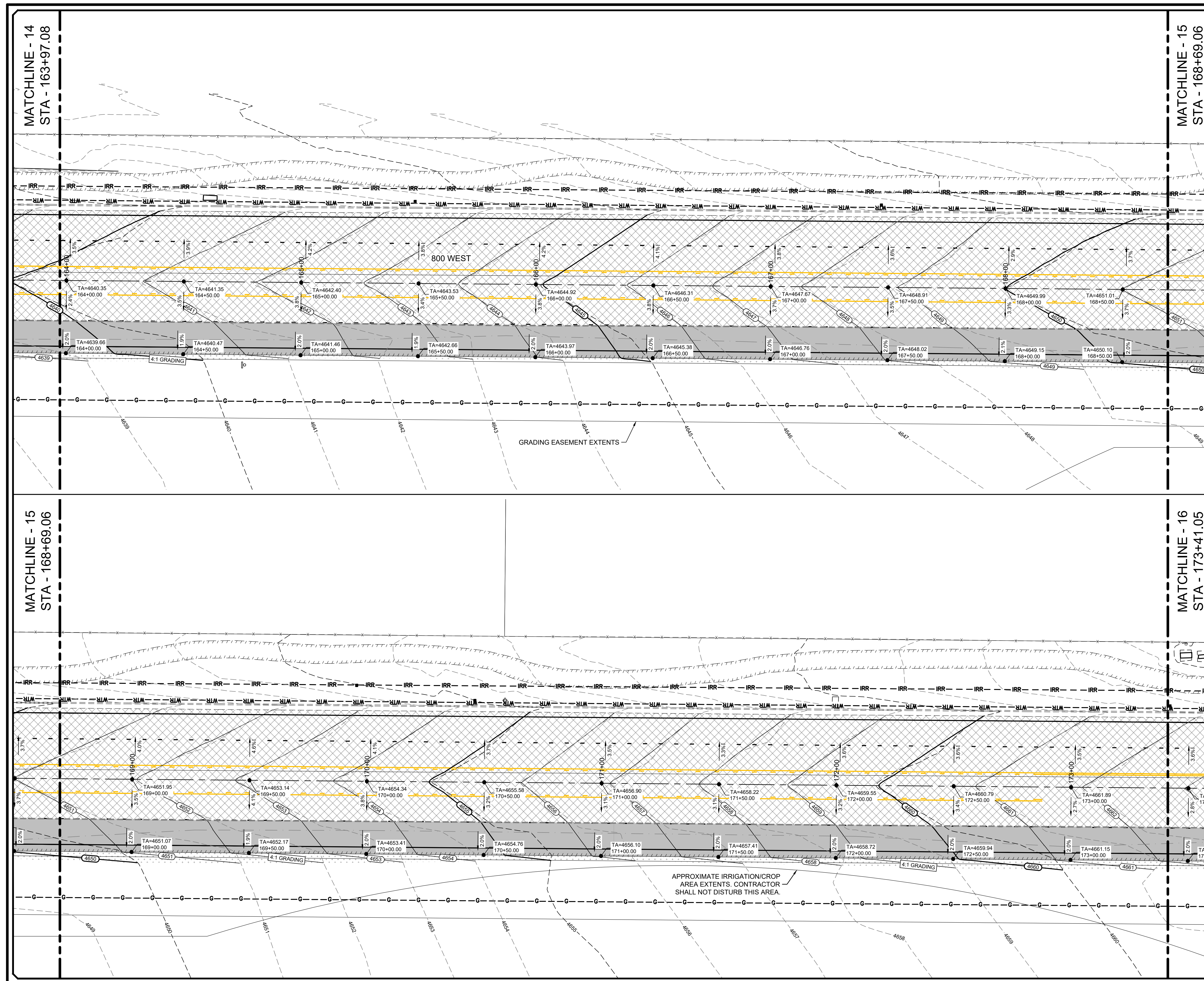
SURVEYING • CONSTRUCTION MANAGEMENT • SPECIALTY LAB

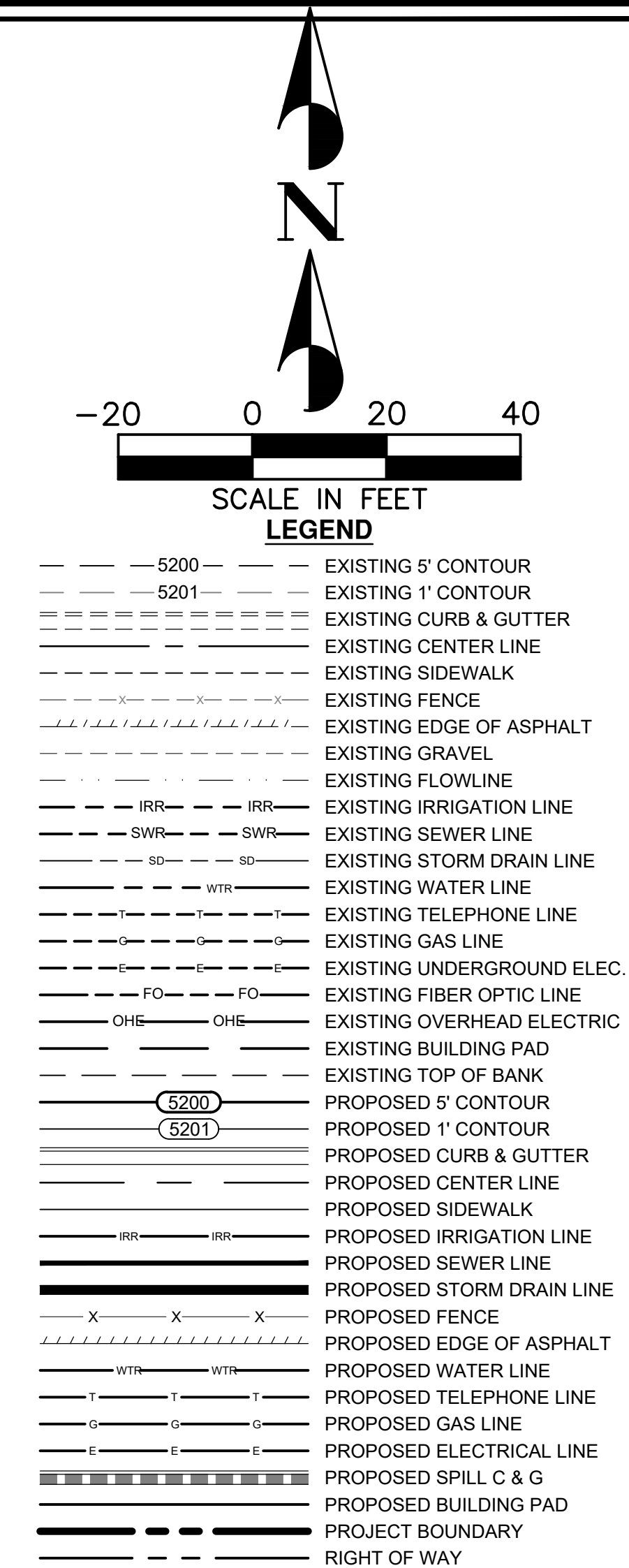
SARATOGA SPRINGS CITY



SHEET NO.

C3.7



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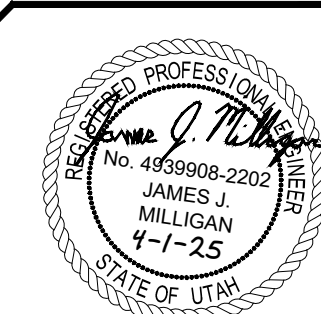
ORIG. DATE:	12/23
SURVEY BY:	CMT CREW
DRAWN BY:	MJP/RPB
DESIGNED BY:	RPB
CHECKED BY:	JJM
SCALE:	*****

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PHONE: (801) 562-2321 • FAX: (801) 562-2361

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ENVIRONMENTAL • CIVIL ENGINEERING • TRANSPORTATION ENGINEERING
SURVEILING • CONSTRUCTION MANAGEMENT • SPECIALTY LAB

800 WEST (FOOTHILL BLVD)
ROADWAY IMPROVEMENTS
 400 NORTH PLAN & PROFILE
 STA 200+00.00 ~ 204+76.99

SARATOGA SPRINGS
CITY



SHEET NO. **C4.0**

[illegible]

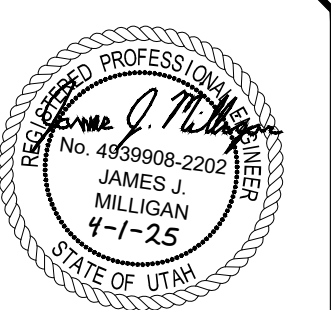
ORIG. DATE:	12/23
SURVEY BY:	CMT CREW
DRAWN BY:	MJP/RPB
DESIGNED BY:	RPB
CHECKED BY:	JUM
SCALE:	

CMT TECHNICAL SERVICES
9270 SOUTH 300 WEST • SANDY, UT 84070
PHONE: (801) 562-2521 • FAX: (801) 562-2551

MATERIALS TESTING • INSPECTION SERVICES • LAB TESTING • GEOTECHNICAL
ENVIRONMENTAL • CIVIL ENGINEERING • TRANSPORTATION ENGINEERING
SURVEYING • CONSTRUCTION MANAGEMENT • SPECIALTY LAB

800 WEST (FOOTHILL BLVD)	
ROADWAY IMPROVEMENTS	
TYPICAL SECTIONS & DETAILS	
APRIL 1, 2025	1005.2316
LAST REVISED	PROJECT NUMBER
	DWG/05-DETAIL DRAWING FILE

SARATOGA SPRINGS
CITY



SHEET NO. **C5.0**

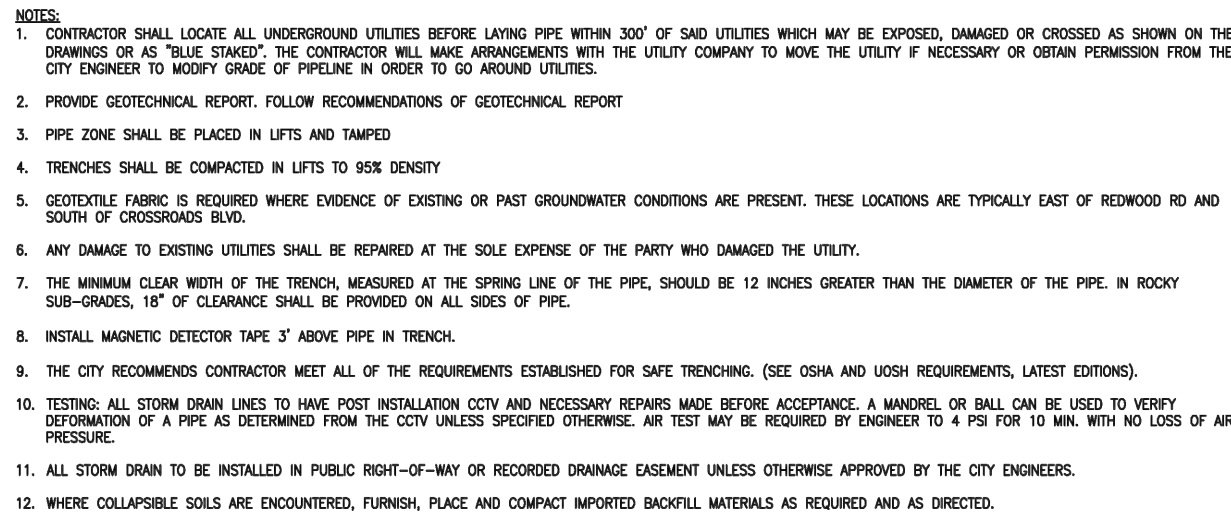


- NOTES:**
1. SEE STD DWG GW 2A FOR M2 AND B5 CURB DETAILS.
 2. PAINT PLOWABLE END SECTION TO MATCH ADJACENT EDGE LINE.
 3. SEE STD DWG GW 1C FOR SIGN MOUNT DETAILS.
 4. SEE STD DWG GW 1D FOR MEDIAN REFLECTOR DETAILS.
 5. SEE STD DWG GW 3A FOR EXPANSION-CONTRACTION JOINT DETAILS.

DETAIL-3
UDOT PLOWABLE END SECTION FOR TYPE B5 CURB
(SEE UDOT STD. DWG. NO. GW 1B)



- NOTES:**
1. USE ¾ INCH DEFORMED DOWELS ON 5 FT MAXIMUM CENTERS.
 2. PRECAST CURBS:
 - A. MINIMUM OF 10 FT IN LENGTH.
 - B. DOWELS AT A MINIMUM OF 3 PER 10 FT LENGTH.
 - C. INCLUDE ADEQUATE REINFORCING STEEL TO WITHSTAND HANDLING STRESSES.
 3. MEASURE CURB HEIGHT VERTICALLY FROM THE FLOW LINE OF THE GUTTER TO TOP BACK OF CURB.
 4. REFER TO STD DWG GW 2B FOR CURB AND GUTTER AT ADA ACCESSES



STORM DRAIN PIPE TRENCH

DATE SEP 10/21	REVISIONS					STANDARD DETAILS
DRAWING NAME: SD-1	REVISION	DATE	BY	COMMENTS		
DRAWN BY: JRP						
CHECKED: APPROVED:						



**SARATOGA
SPRINGS CITY**

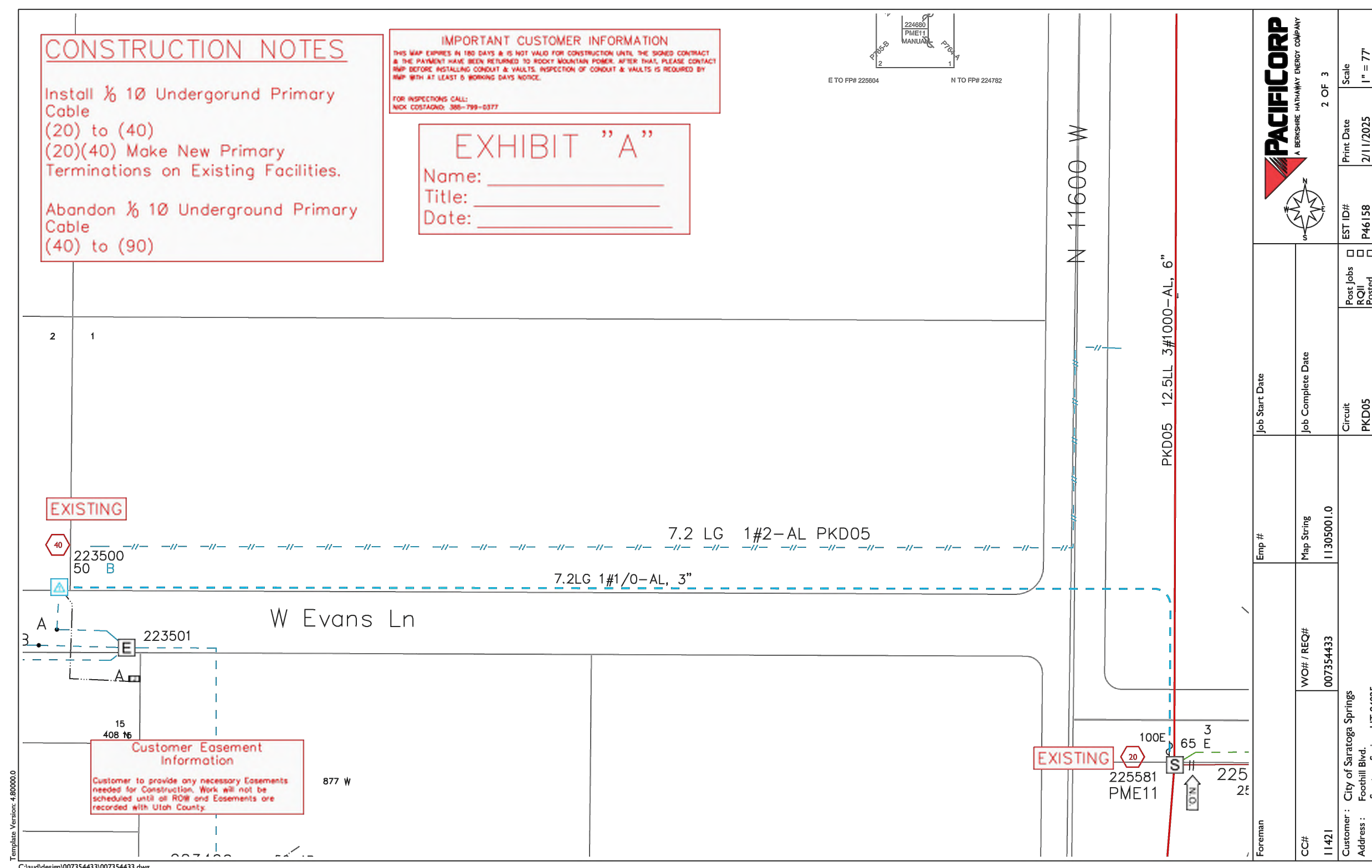
1001 P. COMBES RD. 400 EASTGATE DRIVE, SUITE 200 PHOENIX, AZ 85044 PHONE: 602-998-4763 FAX: 602-998-4764	SD-1
---	--------------------

DETAIL-5
STORM DRAIN PIPE TRENCH
(SEE SARATOGA SPRINGS STANDARD DRAWING SD-1)



DETAIL-6
GUTTER INLET BOX
SARATOGA SPRINGS STANDARD DRAWING SD-2

DATE: SEP 2023	REVISIONS				STANDARD DETAILS	
DRAWING NAME: SIT-2	REVISION	DATE	BY		COMMENTS	
DRAWN BY: ETL						
CHECKED:						
APPROVED:						
SARATOGA SPRINGS CITY 100 N. COMMERCE DR. SARATOGA SPRINGS, NY 12158 PHONE: 518-584-6245 FAX: 518-584-6246					SD-2	



CONSTRUCTION NOTES

Install 1000kcm 3Ø Underground Primary Cable (20) to (30)

(20/30) Make New Primary Terminations on Existing Facilities.

Remove 3Ø 477-AL Overhead Primary Conductor (70) to (80)

(80) to (90)

(90) to (100)

(100) to (110)

(110) to (120)

Abandon 1000kcm 3Ø Underground Primary Cable (110) to (30)

Abandon 3007U Underground Secondary Cable (120) to (122)

(122) to (124)

(80) Remove: 3Ø Tangent SS Steel Pole (90) Remove: 3Ø Tangent Pole, 1Ø Primary Riser (100) Remove: 3Ø Tangent Pole, 1Ø Primary Riser (110) Remove: 3Ø Tangent Pole, 3Ø Primary Riser (120) Remove: 3Ø Deadend Pole, Down Tap, 2Ø/4Ø 1Ø Transformer, Secondary Riser (122)(124) Remove Secondary Box.

Customer Easement Information

Customer to provide any necessary Easements needed for Construction. Box will not be re-located until all 100k and Easements are recorded with local County.

IMPORTANT CUSTOMER INFORMATION

The User agrees to be bound by the construction of the project and to be responsible for any and all costs incurred by the User in connection with the project. The User agrees to be responsible for any and all costs incurred by the User in connection with the project. The User agrees to be responsible for any and all costs incurred by the User in connection with the project.

EXHIBIT "A"

Name: _____

Title: _____

Date: _____

Map Details:

224680

EXISTING

PKD05 12.5LL 3#1000-AL 65

N 11600 W

1#2-AL PKD05

225501 40/3

225601 40/3

225604 45/3

225605 45/3

225500 45/3

225502

225583 25 6A

225584

225581 PME11

225582 25 6A

225583 25 6A

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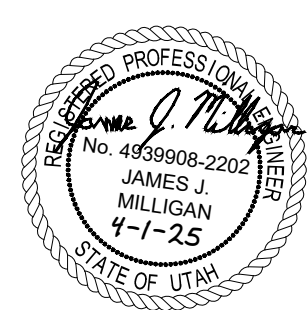
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ORIG. DATE:	12/23
SURVEY BY:	CMT CREW
DRAWN BY:	MJP/RPB
DESIGNED BY:	RPB
CHECKED BY:	JJM
SCALE:	

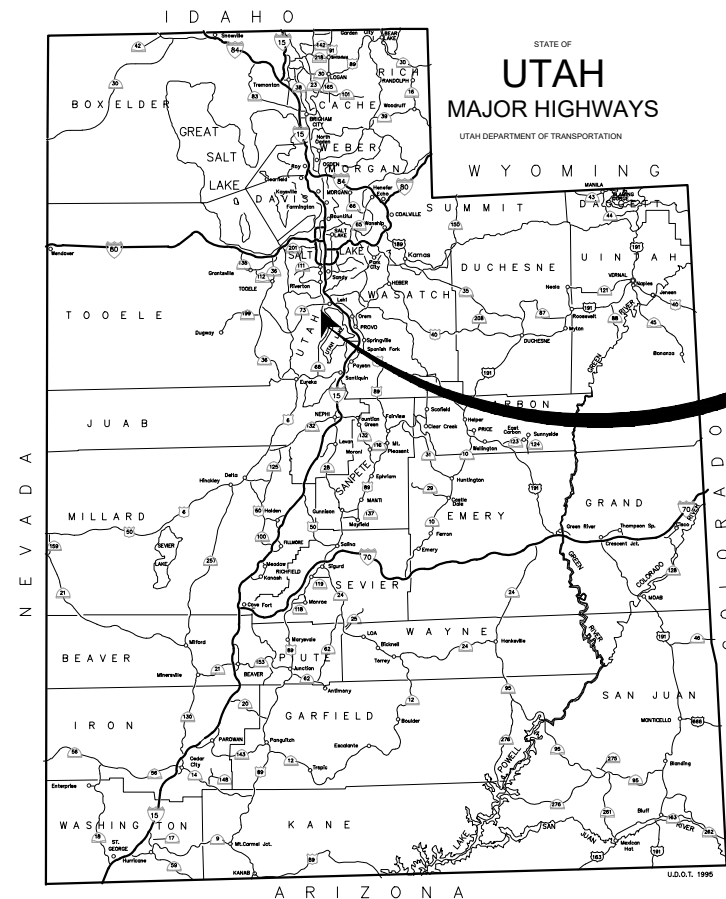
CMT TECHNICAL SERVICES
9270 SOUTH 300 WEST • SANDY, UT 84070
PHONE: (801) 562-2321 • FAX: (801) 562-2551
MATERIALS TESTING • INSPECTION SERVICES • LAB TESTING • GEOTECHNICAL
ENVIRONMENTAL • CIVIL ENGINEERING • TRANSPORTATION ENGINEERING
SURVEYING • CONSTRUCTION MANAGEMENT • SPECIALTY LAB

800 WEST (FOOTHILL BLVD))	
ROADWAY IMPROVEMENTS	
TYPICAL SECTIONS	
& DETAILS	
APRIL 1, 2025	1005.2316
LAST REVISED	PROJECT NUMBER
	DRAWING FILE

SARATOGA SPRINGS
CITY



SHEET NO. **C5.3**



PROJECT SITE

INTERSECTION IMPROVEMENT TRAFFIC SIGNAL PLANS

FOOTHILL BOULEVARD & 400 NORTH SARATOGA SPRINGS, UTAH



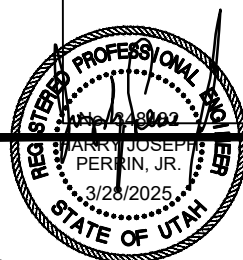
DRAWING INDEX

SHEET NUMBER	DESCRIPTION
SG-01	TITLE SHEET
SG-02	SIGNAL PLAN SHEET
SG-03	DETECTOR SHEET
SG-04	CONDUIT SHEET
SG-05	CIRCUIT SHEET
SG-06	UTILITIES SHEET
SG-S01	LEGEND
SG-S02	SIGNAL SCHEDULE
SG-S03	SIGNAL SCHEDULE

NOTES:

THE SIGNAL DESIGN IS FOR THE NEW SIGNAL PROPOSED AT 400 NORTH ALONG FOOTHILL BOULEVARD. THE DESIGN IS PROPOSING TO MOVE THE EXISTING 400 NORTH TO ALIGN WITH EVANS LANE.

CONTRACTOR RESPONSIBLE FOR ALL MATERIALS AND INSTALLATION. NO CITY OR STATE FURNISHED MATERIALS.



3/28/2025
DATE

1	INITIAL SUBMITTAL	JP	2/28/2025
2	SECOND SUBMITTAL	JP	3/28/2025
No.	REVISION	BY	DATE

Project Number _____
Designed By _____ JP
Drawn By _____ JB
Checked By _____ JB Date 3/28/2025



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P.O. Box 521651 Salt Lake City, UT 84152
Phone: (801) 949-0348
Email: atrans@comcast.net

FOOTHILL BOULEVARD & 400 NORTH
TITLE SHEET

SG-01

SIGNAL SCHEDULE						
Pole Identification	Mast Arm Length	Luminaire Height	Luminaire Extension	Stationing	Offset	Comments
P1	35	40	15	126+86.1	LT 49.0	PED POLE 11' UNDER M.A LUMINAIRE
P2				126+96.1	LT 40.7	
P3	45			127+5.2	RT 44.4	
P4				126+92.1	RT 63.8	PED POLE 11'
P5	45			126+9.6	RT 64.3	UNDER M.A LUMINAIRE
P6	50	40	15	126+16.5	LT 49.9	

NOTES:

1. THE CONTRACTOR IS REQUIRED TO PROVIDE ALL MATERIALS BASED ON UDOT STANDARDS AND PROVIDE A FULLY FUNCTIONAL AND OPERATING TRAFFIC SIGNAL.
2. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO THE PUBLIC RIGHT OF WAY.
3. ALL UTILITY LOCATIONS ARE APPROXIMATE AND SHOULD BE BLUESTAKED BEFORE WORK BEGINS. BEFORE DIGGING CALL BLUESTAKES FOR THE LOCATION OF UNDRGROUND UTILITIES: 1-800-662-4111 OR 811 TO VERIFY AND PROTECT EXISTING UTILITIES. BORE ALL CONDUIT ROADWAY CROSSINGS UNDER EXISTING PAVEMENT UNLESS OPEN TRENCH IS PERMITTED BY SARATOGA SPRINGS CITY.
4. CONTROLLER, MMU AND SERVICE PEDESTAL ARE TO BE LOCATED ON THE NORTHEAST CORNER.
5. EXISTING POWER SOURCE IS RECOMMENDED ON THE NORTHEAST CORNER POWER POLE. ROCKY MOUNTAIN POWER TO DETERMINE EXACT POWER SOURCE LOCATION ONCE DESIGN OF EASTERN POWER POLES IS COMPLETED.
6. PEDESTRIAN CROSSINGS ARE PLANNED ON THE NORTH AND EAST LEGS.
7. ALL SIGNAL POLES TO BE SURROUNDED BY CONCRETE WITH CONCRETE FLATWORK EXTENDING TO THE SIDEWALK AND PEDESTRIAN RAMP. MUST BE FLUSH WITH GRADE AND MUST NOT EXCEED A 2% SLOPE.
8. INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEADS, PUSH BUTTONS AND SIGNS AS SHOWN. PUSH BUTTON MUST BE WITHIN 10 INCHES OF THE TURNING SPACE.
9. ALL SIGNS INSTALLED WILL BE HIGH INTENSITY GRADE PER UDOT STANDARD SPECIFICATION 02890, RETROREFLECTIVE SHEETING.
10. PROVIDE A 18.5 FT MINIMUM AND 21 FT MAXIMUM CLEARANCE FROM BOTTOM OF SIGNAL HEADS (INCLUDING BACK PLATES AND BRACKETS) TO TOP OF PAVEMENT.
11. REFER TO UDOT STD DWG SL SERIES FOR DETAILS.
12. VIBRATION MITIGATORS ARE REQUIRED ON P3, P5 AND P6 AS SHOWN.
13. OVERHEAD LUMINAIRES TO BE PLACED ON P1 AND P6. DUE TO OVERHEAD CONFLICTS ON THE EASTERN SIDE OF THE INTERSECTION, UNDER MAST ARM LUMINAIRES TO BE PLACED ON P3 AND P5.
14. CONTACT SARATOGA SPRINGS CITY TO SCHEDULE/COORDINATE SIGNAL INSPECTION.
15. STRIPING PLAN WAS PROVIDED BY CMT TECHNICAL SERVICES.
16. REMOVE ALL EXISTING PAVEMENT MARKING PAINT.
17. CONTACT ROCKY MOUNTAIN POWER FOR CONNECTION FROM POWER SOURCE TO METER BOX.
18. FOUR R9-3a SIGNS TO BE PLACED ON SIGNAL POLE: P1 FACING SOUTH, P5 FACING WEST, AND P6 FACING NORTH AND EAST.
19. P2, AND P4 FOUNDATIONS TO BE FINISHED FLUSH WITH SIDEWALK, WITH 1 FOOT FLUSH CONCRETE SURROUNDING.

ALL PROVIDED STATIONING IS BASED ON THE CENTERLINE INFORMATION PROVIDED BY CMT TECHNICAL SERVICES.



1	INITIAL SUBMITTAL	JP	2/28/2025	Project Number _____ Designed By _____ JP Drawn By _____ JB Checked By _____ JP Date 3/28/2025
2	SECOND SUBMITTAL	JP	3/28/2025	
No.	REVISION	BY	DATE	



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FOOTHILL BLVD

DETAIL A
DS3-3 SINGLE STREET NAME SIGN
1.50" RADIUS, 0.50" BORDER,
WHITE ON GREEN;
"FOOTHILL BLVD" C;

400 NORTH

DETAIL B
DS3-3 SINGLE STREET NAME SIGN
1.50" RADIUS, 0.50" BORDER,
WHITE ON GREEN;
"400 NORTH" C;



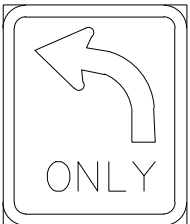
DETAIL E
R9-3a
24" X 24"

DETAIL C

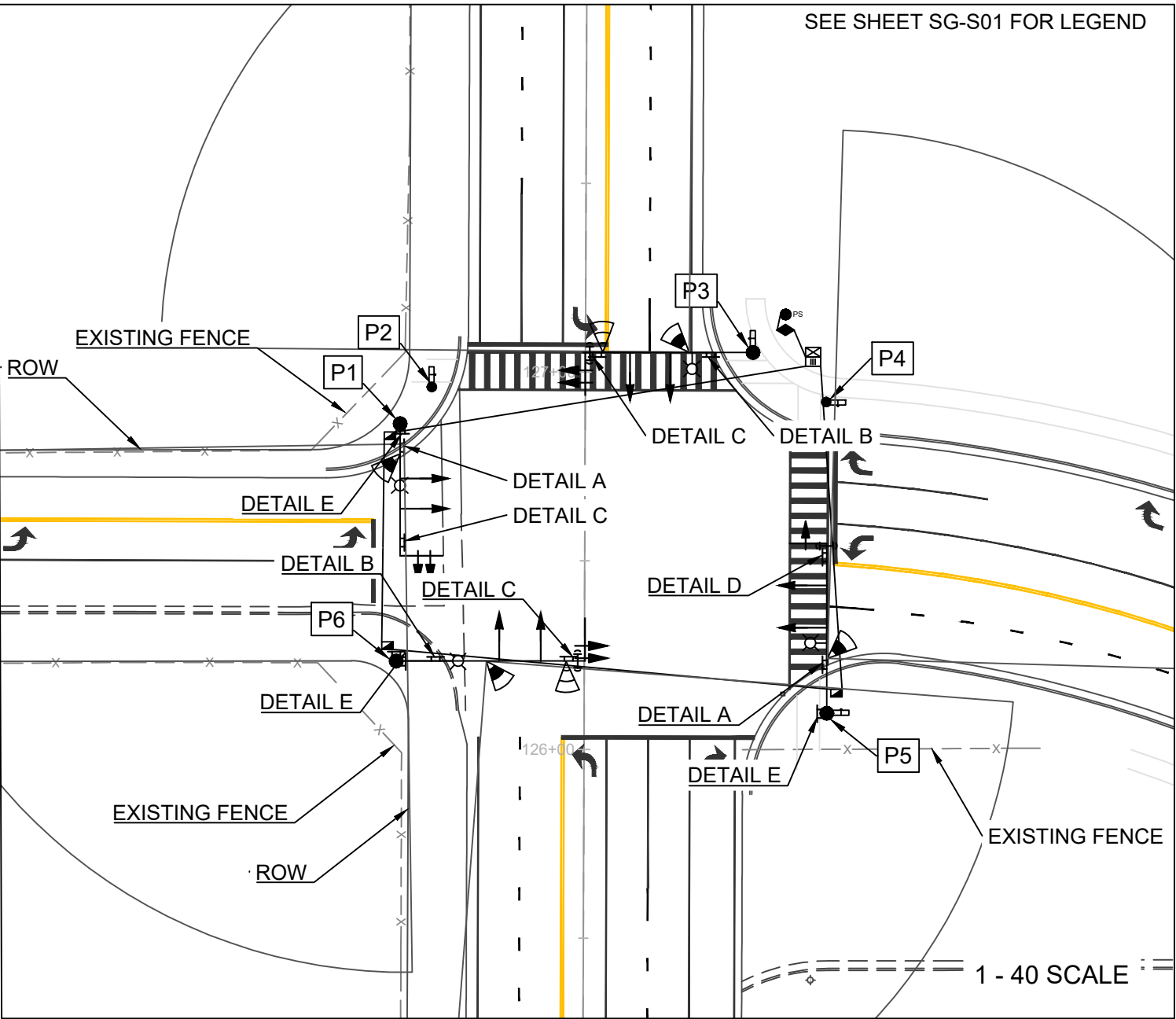
RS10-21EX_30X42
1.88" RADIUS, 0.75" BORDER, 0.5"
INDENT BLACK ON WHITE; "LEFT
TURN" C; "YIELD" C; "ON" C;
"FLASHING" C;



DETAIL D



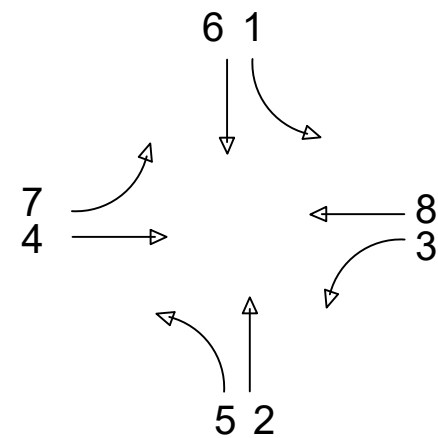
R3-5L
30" X 36"



FOOTHILL BOULEVARD & 400 NORTH
SIGNAL PLAN SHEET

SG-02

NEMA PHASE



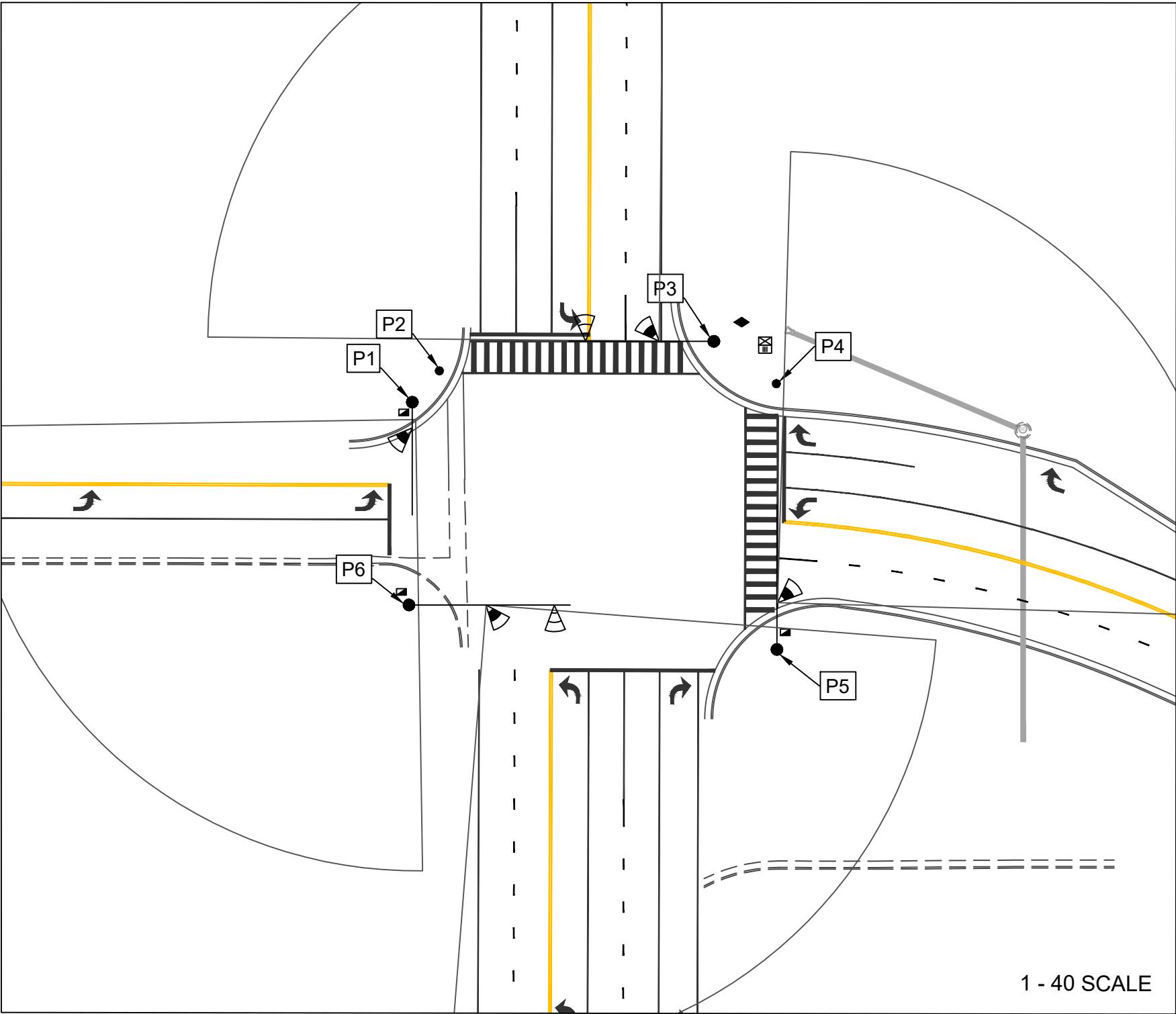
LEGEND

- ▲ ADVANCE SENSOR PLACEMENT
- ▲ MATRIX SENSOR PLACEMENT
- CCTV CAMERA
- PREEMPTION CONTROL SYSTEM DETECTION

DETECTION NOTES:

1. INSTALL MATRIX RADAR DETECTORS PER MANUFACTURER'S STANDARDS.
2. MATRIX DETECTION FOR ALL APPROACHES TO BE PLACED 20 FEET FROM DOUBLE YELLOW LINE ON THE BACK SIDE OF THE MAST ARMS.
3. ADVANCED DETECTION FOR THE NORTH AND SOUTH APPROACHES ON FOOTHILL TO BE PLACED ON THE BACK SIDE OF THE MAST ARM, 5 FEET FROM THE END OF THE MAST ARM.
4. CONTACT SARATOGA CITY ENGINEERING TO COORDINATE PROPER DETECTION PLACEMENT WITH 2 DAYS ADVANCE NOTICE.

SPEED LIMIT:
FOOTHILL BOULEVARD = 40 MPH



1	INITIAL SUBMITTAL	JP	2/28/2025	Project Number	
	2	SECOND SUBMITTAL	JP		
No.	REVISION	BY	DATE	Designed By	JP
				Drawn By	JB
				Checked By	JP
				Date	3/28/2025

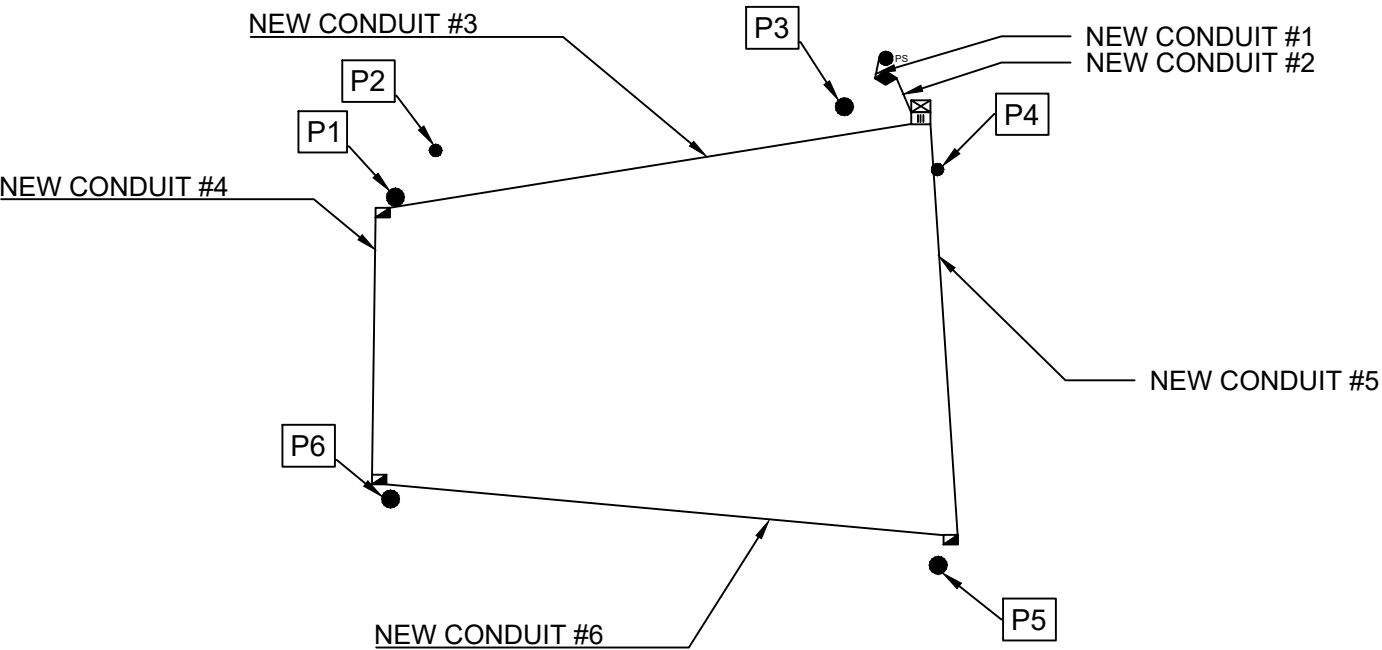


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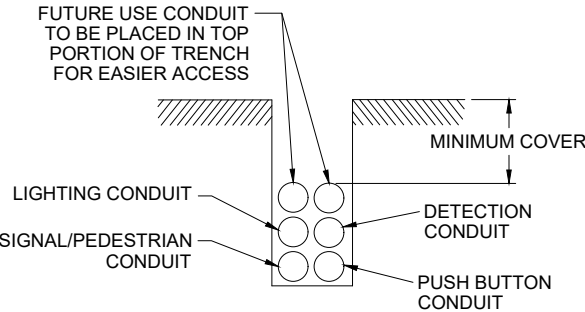
FOOTHILL BOULEVARD & 400 NORTH
DETECTOR AND COMMUNICATION SHEET

SG-03

CONDUIT DIAGRAM



1 - 40 SCALE



- NOTES:
- REFER TO UDOT 2024 STANDARD SPECIFICATIONS AND STANDARD DRAWINGS (SECTION 13553) FOR MINIMUM CONDUIT DEPTH REQUIREMENTS.
 - MINIMUM OF 6 -2" CONDUITS ARE REQUIRED FOR EACH ROAD CROSSING LOCATION.

TRENCHING AND BORING DETAIL

CONDUIT NOTES:

- REFER TO UDOT STANDARD DRAWINGS AND TRENCHING DIAGRAM FOR PLACEMENT OF CIRCUITS.
- PLACE ALL CONDUIT IN SAME TRENCH OR BORE SHOT WHERE POSSIBLE.
- MAINTAIN A MINIMUM OF 1 FOOT CLEARANCE BETWEEN CONDUIT AND ALL UTILITIES.
- FIELD VERIFY CONDUIT AND CABLING QUANTITIES BEFORE ORDERING.
- CONDUIT CROSSINGS #3, #4, #5 AND #6 TO INCLUDE SIX 2" CONDUIT.
- CONDUIT #1 TO INCLUDE ONE 3" CONDUIT WITH DETECTABLE PULL TAPE FOR SIGNAL POWER.
- CONDUIT #2 TO INCLUDE ONE 2" CONDUIT.
- CONDUIT FROM JUNCTION BOXES TO POLE FOUNDATIONS TO MEET UDOT STANDARD DRAWINGS (SL SERIES)
- SURFACE RESTORATION INCLUDING BUT NOT LIMITED TO SPRINKLERS, SIDEWALK, LANDSCAPING AND PAVING REQUIRED FOR ANY DAMAGE CAUSED BY INSTALLATION OF CONDUIT.

CIRCUIT NOTES:

- POWER CIRCUIT

 - TWO NO.10 SINGLE CONDUCTOR STRANDED COPPER CABLE TYPE RHH-USE2-RHW2 XLP OR APPROVED EQUIVALENT
 - 6 AWG BARE SOLID COPPER GROUND WIRE
 - IN 2" PVC CONDUIT (POWER)
- SIGNAL CIRCUIT

 - 7 CONDUCTOR 14 AWG, STRANDED CABLE, IMSA 20-1 (120 VOLTS)
 - 6 AWG BARE SOLID COPPER GROUND WIRE
 - IN 2" PVC CONDUIT (SIGNAL)
- PEDESTRIAN PUSH BUTTON CIRCUIT

 - 4 CONDUCTOR NO.14 AWG, STRANDED CABLE, IMSA 20-1 (LOW VOLTAGE)
 - IN 2" PVC CONDUIT (PUSH BUTTON)
- PEDESTRIAN SIGNAL HEAD CIRCUIT

 - 7 CONDUCTOR NO. 14 AWG, STRANDED CABLE, IMSA 20-1 (120 VOLTS)
 - NO. 6 AWG BARE SOLID COPPER GROUND IF NO SIGNAL CIRCUIT IS PRESENT IN CONDUIT.
 - IN 2" PVC CONDUIT (SAME CONDUIT AT SIGNAL CIRCUIT)
- LIGHTING CIRCUIT

 - TWO NO. 10 SINGLE CONDUCTOR STRANDED COPPER CABLE TYPE RHH-USE2-RHW2 XLP
 - NO. 6 AWG BARE SOLID COPPER GROUND WIRE
 - IN 2" PVC CONDUIT (LIGHTING)
- MATRIX DETECTION CIRCUIT

 - CONTRACTOR FURNISHED SMART SENSOR MATRIX CABLE. COLOR-CODED 6 CONDUCTOR CABLE, 2 TWISTED PAIR RS-485, 22 AWG WIRE
 - NO.12 STRANDED GROUND WIRE
 - IN SAME 2" PVC CONDUIT AS ADVANCE (DETECTION)
- ADVANCE DETECTION CIRCUIT

 - CONTRACTOR FURNISHED SMART SENSOR ADVANCE CABLE. 2 TWISTED PAIR RS-485, 22 AWG WIRE FOR RADAR.
 - IN SAME 2" PVC CONDUIT AS MATRIX (DETECTION)
- FUTURE USE CIRCUIT

 - DETECTABLE PULL TAPE
 - IN 2" OR 3" CONDUIT



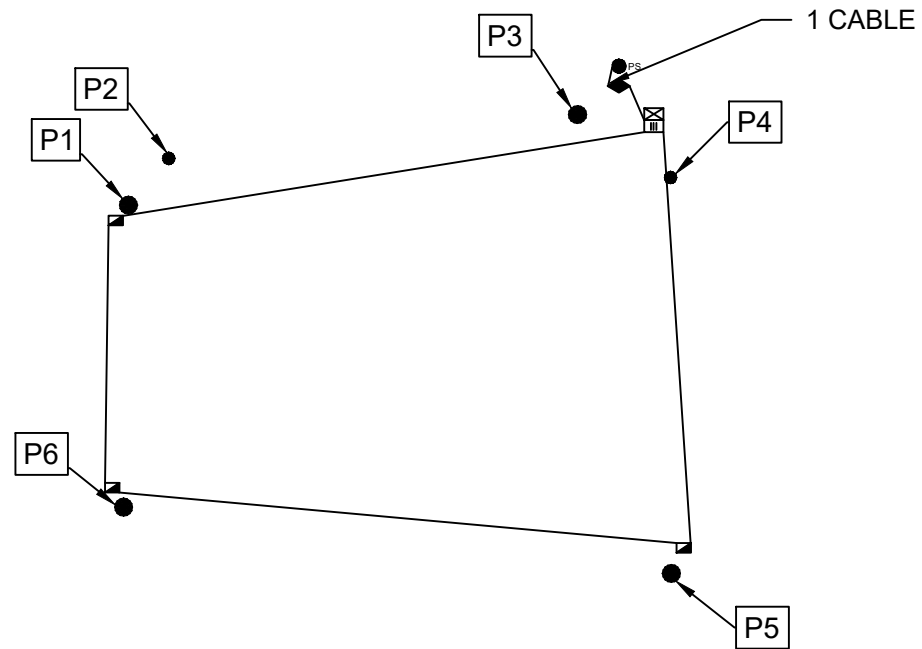
3/28/2025	DATE	1	INITIAL SUBMITTAL	JP	2/28/2025	Project Number	
		2	SECOND SUBMITTAL	JP	3/28/2025	Designed By	JP
						Drawn By	JB
						Checked By	JP Date 3/28/2025
No.			REVISION	BY	DATE		



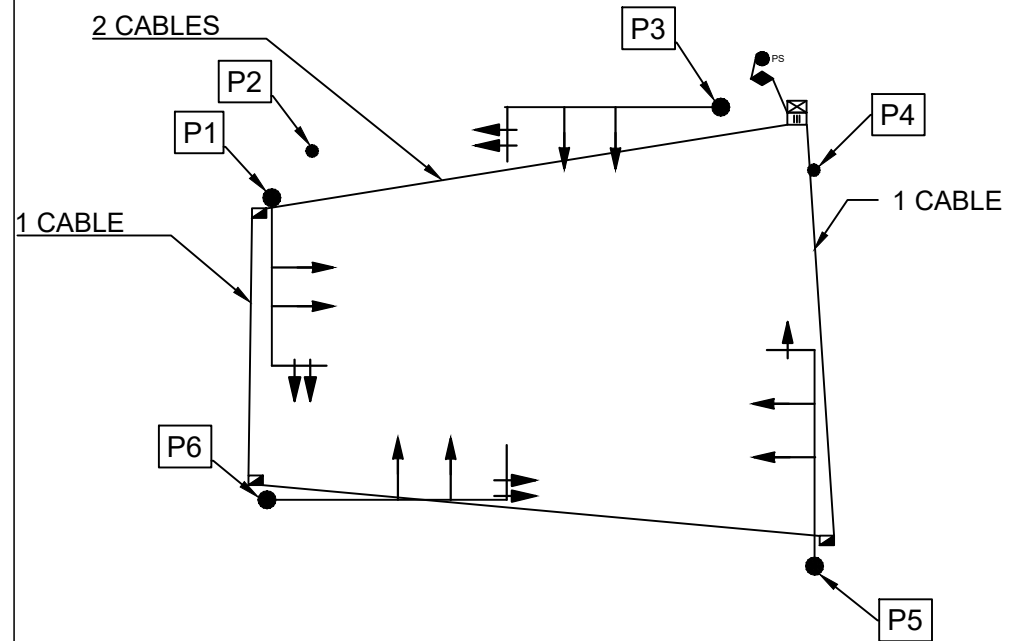
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Phone: (801) 949-0348
Email: atrans@comcast.net

FOOTHILL BOULEVARD & 400 NORTH
CONDUIT SHEET

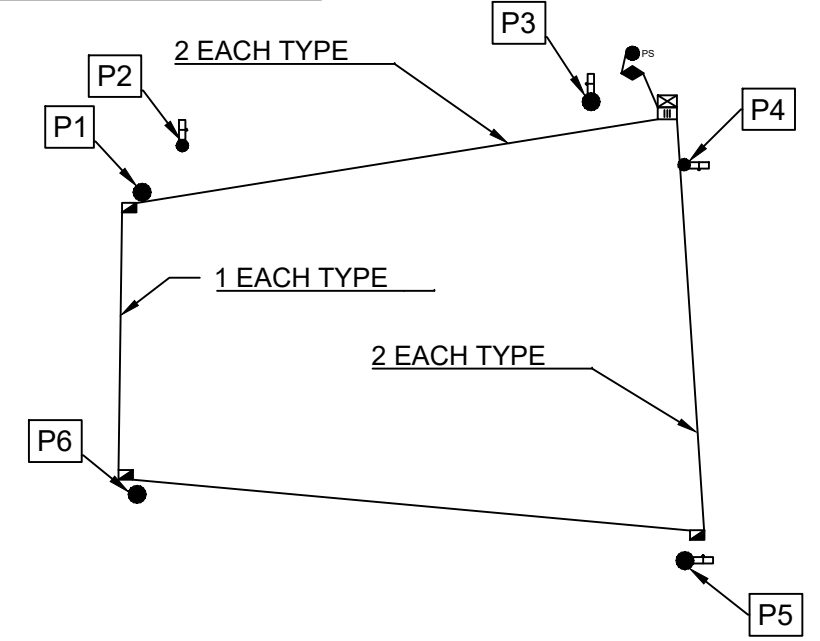
POWER CIRCUIT



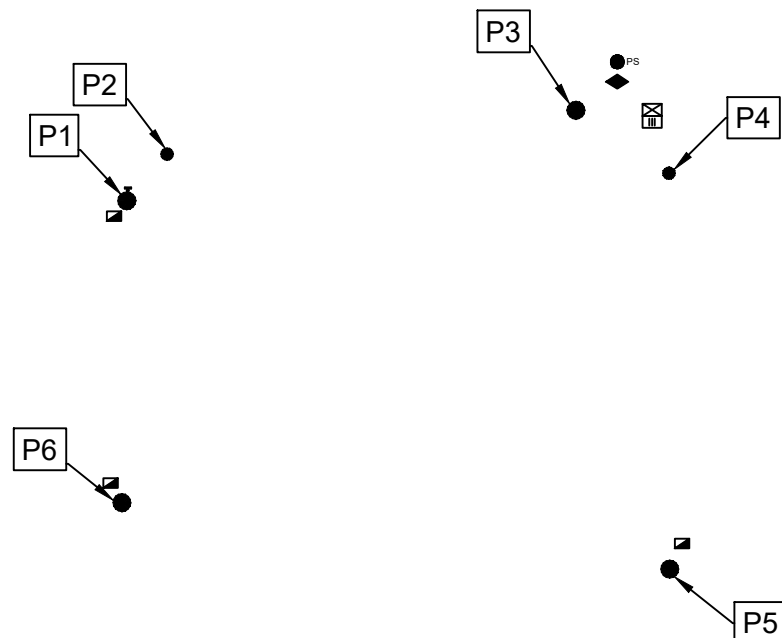
SIGNAL CIRCUIT



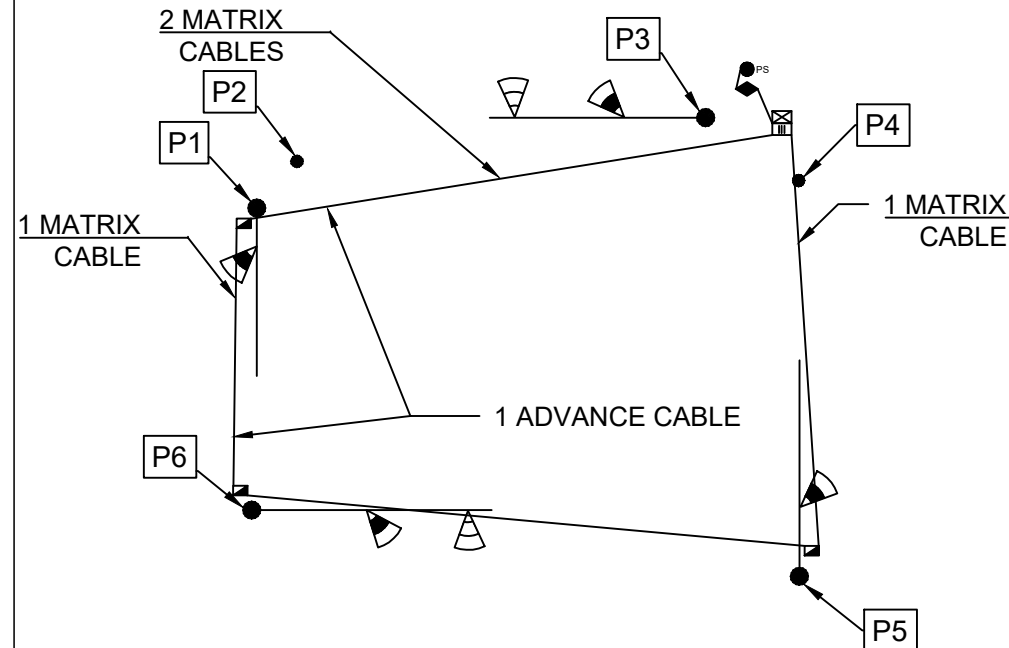
PEDESTRIAN SIGNAL HEAD & PUSH BUTTON CIRCUIT



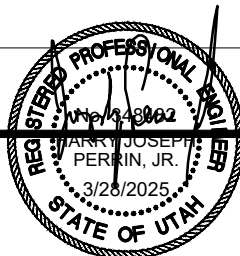
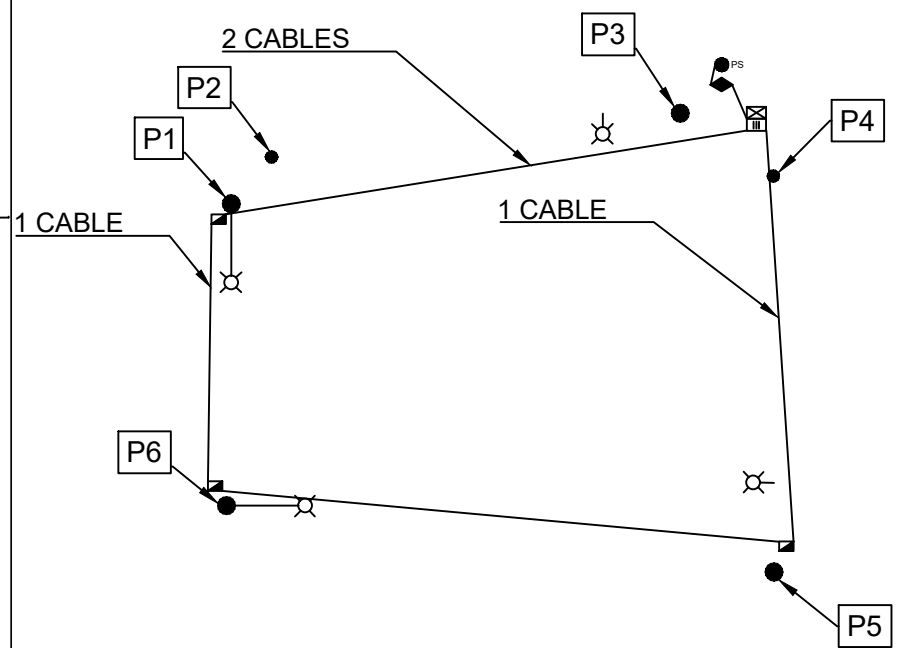
FUTURE USE



DETECTION CIRCUIT



LIGHTING CIRCUIT



3/28/2025
DATE

1	INITIAL SUBMITTAL	JP	2/28/2025
2	SECOND SUBMITTAL	JP	3/28/2025
No.	REVISION	BY	DATE

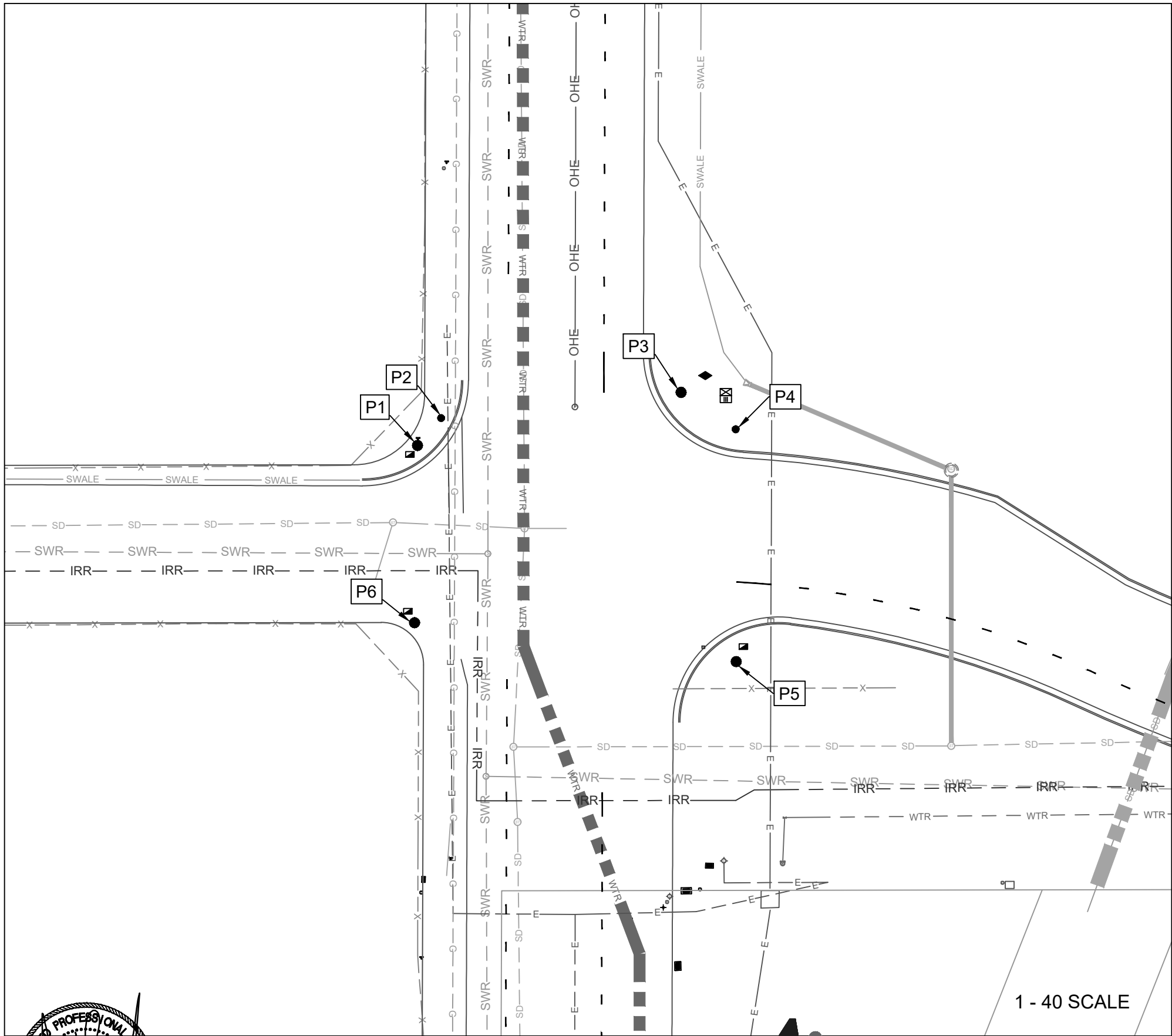
Project Number _____
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Checked By _____ JP Date 3/28/2025



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FOOTHILL BOULEVARD & 400 NORTH
CIRCUIT SHEET

SG-05



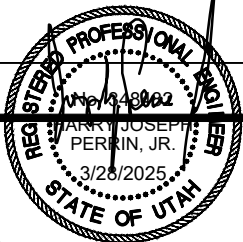
CONTROL

ALL PROVIDED STATIONING IS BASED ON THE CENTERLINE INFORMATION PROVIDED BY JT ENGINEERING. ALL UTILITY INFORMATION IS ALSO PROVIDED BY CMT TECHNICAL SERVICES AND MAY NOT BE REFLECTIVE OF ALL UTILITIES IN THE FIELD.



NOTES

PLANNED AND EXISTING SEWERS, WATER MAINS, TELEPHONE CONDUITS, ELECTRICAL CABLES, AND OTHER UNDERGROUND STRUCTURES ARE SHOWN ON THE DRAWINGS ONLY TO THE EXTENT SUCH INFORMATION HAS BEEN MADE AVAILABLE TO OR DISCOVERED BY THE ENGINEER. IT IS EXPECTED THAT THERE MAY BE MOVEMENT IN THE DESIGN LOCATION AND QUANTITIES OF UTILITIES AND STRUCTURES SHOWN. THIS INFORMATION IS SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR BUT IS NOT GUARANTEED TO BE EITHER CORRECT OR COMPLETE AND ALL RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS OF IS EXPRESSLY DISCLAIMED. THE CONTRACTOR SHALL MAKE SUCH INVESTIGATIONS AS HE SHALL DEEM NECESSARY, AHEAD OF EXCAVATION, TO LOCATE ALL UNDERGROUND UTILITIES AND STRUCTURES SO THAT THEY WILL NOT BE ACCIDENTALLY DAMAGED BY HIS CONSTRUCTION OPERATION. SHOULD A CONFLICT OCCUR, PLEASE CONTACT THE GOVERNING AGENCIES AND THE ENGINEER IMMEDIATELY TO RESOLVE.



3/28/2025		DATE	
1	INITIAL SUBMITTAL	JP	2/28/2025
2	SECOND SUBMITTAL	JP	3/28/2025
No.	REVISION	BY	DATE

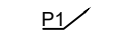
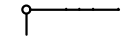
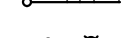
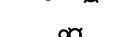
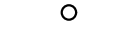
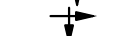
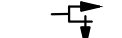
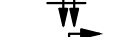
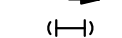
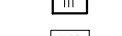
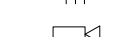
Project Number	_____
Designed By	JP
Drawn By	JB
Checked By	JP
Date	3/28/2025



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FOOTHILL BOULEVARD & 400 NORTH
UTILITIES AND CONTROL SHEET

LEGEND

	CONDUIT
	SIGNAL POLE IDENTIFICATION
	DUAL MAST ARM SIGNAL POLE
	MAST ARM SIGNAL POLE
	SIGNAL POLE LUMINAIRE EXTENSION WITH ARM
	SIGNAL POLE LUMINAIRE EXTENSION WITH VERTICAL ATTACHMENT
	MAST ARM MOUNTED SIGN
	POWER SOURCE
	TRAFFIC SIGNAL POLE
	TYPE 0 - 1 SECTION SIGNAL HEAD ASSEMBLY
	TYPE I - 3 SECTION SIGNAL HEAD ASSEMBLY
	TYPE II - 3 SECTION SIGNAL HEAD ASSEMBLY
	TYPE III - 3 SECTION (ALL AROWS) SIGNAL HEAD ASSEMBLY
	TYPE IV - 4 SECTION SIGNAL HEAD ASSEMBLY
	TYPE V - 5 SECTION SIGNAL HEAD ASSEMBLY
	TYPE VI - 4 SECTION (ALL ARROWS) SIGNAL HEAD ASSEMBLY
	TYPE VII - 4 SECTION SIGNAL HEAD ASSEMBLY
	PEDESTRIAN HYBRID BEACON - 3 SECTION SIGNAL HEAD ASSEMBLY
	VIBRATION MITIGATOR
	TRAFFIC SIGNAL CONTROLLER CABINET
	TYPE A JUNCTION BOX
	TYPE B JUNCTION BOX
	TYPE C JUNCTION BOX
	TYPE III JUNCTION BOX (ATMS)
	SAME JUNCTION BOX USED FOR SIGNAL CIRCUIT
	PEDESTRIAN SIGNAL HEAD WITH PUSH BUTTON
	AUDIBLE PEDESTRIAN SIGNAL HEAD
	UNDERGROUND SERVICE PEDESTAL (USP)
	PREEMPTION CONTROL SYSTEM DETECTOR
	DIRECTIONAL ANTENNA
	VIDEO DETECTION CAMERA
	CCTV CAMERA
	RADAR DETECTION, DILEMMA ZONE
	RADAR DETECTION, STOP BAR



3/28/2025 DATE	1	INITIAL SUBMITTAL	JP	2/28/2025	Project Number _____ Designed By _____ JP Drawn By _____ JB Checked By _____ JP Date 3/28/2025
	2	SECOND SUBMITTAL	JP	3/28/2025	
	No.	REVISION	BY	DATE	



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FOOTHILL BOULEVARD & 400 NORTH
LEGEND

SG-S01

CONTRACTOR FURNISHED MATERIALS

	STRUCTURAL SUPPORT							POWER			CONDUIT							JUNCTION BOX			SIGN	
	MAST ARM SIGNAL POLE FOUNDATION - 3' X 12' (30' TO 65')	MAST ARM SIGNAL POLE FOUNDATION - 3' X 14' (70' TO 75')	MAST ARM SIGNAL POLE FOUNDATION - 4' X 14' (80' TO 85')	TRAFFIC SIGNAL/PEDESTAL FOUNDATION - 2' X 3'	HIGHWAY LUMINAIRE POLE FOUNDATION - 2.5' x 8'	CABINET FOUNDATION	UNDERGROUND SERVICE PEDESTAL FOUNDATION	UNDERGROUND SERVICE PEDESTAL	DUAL METER UNDERGROUND SERVICE PEDESTAL	POWER SOURCE (120 VOLT)	2" CONDUIT	2 1/2" CONDUIT	3" CONDUIT	2" CONDUIT WITH DETECTABLE PULL TAPE (FUTURE USE)	TRENCHING PAVED SURFACE	ADDITIONAL COST FOR ROCKY SOIL	DIRECTIONAL BORING	TYPE A	TYPE B	TYPE C	MAST ARM MOUNTED SIGN WITH MOUNTING BRACKETS	BLANK OUT SIGN WITH MOUNTING BRACKETS
LOCATION	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	EA	EA	EA	EA/ SQ FT	EA
Foothill Boulevard 400 North	4			2		1	1	1		1	1473		TBD	733	379				3	1	8	

CONTRACTOR FURNISHED MATERIALS

	SIGNAL AND PEDESTRIAN							LIGHTING			GROUNDING		DETECTION			
	4 CONDUCTOR NO. 14 CABLE (SIGNAL CIRCUIT)	7 CONDUCTOR NO. 14 CABLE (SIGNAL CIRCUIT)	7 CONDUCTOR NO. 14 CABLE (PED CIRCUIT)	4 CONDUCTOR NO. 14 CABLE (PUSH BUTTON CIR)	COUNTDOWN PEDESTRIAN SIGNAL HEAD	PUSH BUTTON AND SIGN ASSEMBLY	PUSH BUTTON FRAME STAND-OFF BRACKET	NO. 4 SINGLE CONDUCTOR CABLE	NO. 6 SINGLE CONDUCTOR CABLE	NO. 10 SINGLE CONDUCTOR CABLE	GROUND ROD	NO. 6 BARE COPPER GROUND WIRE	NO. 12 STRANDED GROUND WIRE (STOP BAR DETECTION)	SMART SENSOR ADVANCE CABLE (SEE NOTE 5)	SMART SENSOR MATRIX CABLE (SEE NOTE 5)	PREEMPTION CONTROL CABLE (SEE NOTE 6)
LOCATION	LIN FT	LIN FT	LIN FT	LIN FT	EA	EA	PAIR	LIN FT	LIN FT	LIN FT	EA	LIN FT	LIN FT	LIN FT	LIN FT	EA
Foothill Boulevard 400 North		905	543	543	4	4	4			445	4	1300		320	525	

- NOTES:
- SEE UDOT STD DWG SL SERIES AND SECTIONS 02892 AND 16530.
 - CONTACT THE SERVING POWER COMPANY A MINIMUM OF THIRTY (30) DAYS BEFORE POWER SERVICE IS REQUIRED. SEE UDOT STD DWG SL 4C FOR UNDERGROUND SERVICE PEDESTAL DETAILS. CONTACT SARATOGA SPRINGS ENGINEERING THREE (3) DAYS IN ADVANCE OF UNDERGROUND SERVICE PEDESTAL INSPECTION. MAKE ALL ARRANGEMENTS WITH LOCAL POWER COMPANY FOR INSTALLATION.
 - PLACE ALL CONDUIT IN SAME TRENCH OR BORE SHOT WHERE POSSIBLE.
 - CONSTRUCT SIGNAL IN A MANNER TO AVOID DAMAGE TO EXISTING UTILITIES. ASSUME RESPONSIBILITY FOR ANY UTILITY DAMAGED BY CONSTRUCTION OPERATIONS. THE PLANS SHOW BURIED UTILITY LOCATIONS IN THEIR APPROXIMATE LOCATION ONLY.
 - SMART SENSOR CABLE: COLOR-CODED, TWISTED PAIR, 6 - CONDUCTOR WIRE WITH 20 AWG FOR POWER AND 22 AWG FOR COMMUNICATION. WAVETRONIX PART # WX-SS-705 OR APPROVED EQUIVALENT.
 - SEE MANUFACTURER'S REQUIREMENTS FOR CABLE TYPE.



3/28/2025
DATE

1	INITIAL SUBMITTAL	JP	2/28/2025
2	SECOND SUBMITTAL	JP	3/28/2025
No.	REVISION	BY	DATE

Project Number _____
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Drawn By _____ JB
Checked By _____ JP Date 3/28/2025



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FOOTHILL BOULEVARD & 400 NORTH
SIGNAL SCHEDULE

SG-S02

CONTRACTOR FURNISHED MATERIALS																							CONTRACTOR FURNISHED MATERIALS																				
	SIGNAL SCHEDULE																					HIGHWAY LIGHTING SCHEDULE																					
	TRAFFIC SIGNAL					POLES					MAST ARMS											SIGNS			ANCHOR BOLTS		POLE / EXTENSIONS							ARMS				LED's					
	CONTROLLER	M.M.U.	SIGNAL CABINET	BATTERY BACKUP (In Cabinet)	POWDER COATING	5½" TRAFFIC / PED SIGNAL POLE (Slip Base)	11" TRAFFIC / PED SIGNAL POLE (Slip Base)	15" TRAFFIC / PED SIGNAL POLE (Slip Base)	TYPE A MAST ARM SIGNAL POLE (30' to 55')	TYPE B MAST ARM SIGNAL POLE (60' to 75')	30' CURVED MAST ARM	35' CURVED MAST ARM	40' CURVED MAST ARM	40' STRAIGHT MAST ARM (NON-STOCK)	45' CURVED MAST ARM	45' STRAIGHT MAST ARM (NON-STOCK)	50' CURVED MAST ARM	50' STRAIGHT MAST ARM (NON-STOCK)	55' CURVED MAST ARM	60' STRAIGHT MAST ARM	VIBRATION MITIGATOR	GALAXY ASTRO-BRAC, ARM CLAMP ONLY (96" CABLE)	ASTRO-BRAC GUSSETED TUBE ONLY (96" LENGTH)	SIGN CLAMP	2" x 66" ANCHOR BOLT (Mast Poles)	1" x 36" ANCHOR BOLT (Traffic Poles)	40' HIGHWAY LUMINAIRE POLE (Slip Base)	30' HIGHWAY LUMINAIRE POLE (Slip Base)	LUMINAIRE POLE CAP	25' LUMINAIRE EXTENSION (2' 6") (For Type A Mast Pole)	30' LUMINAIRE EXTENSION (7' 6") (For Type A Mast Pole)	40' LUMINAIRE EXTENSION (17' 6") (For Type A Mast Pole)	40' LUMINAIRE EXTENSION (12' 6") (For Type B Mast Pole)	VERTICAL LUMINAIRE EXTENSION	10' LUMINAIRE ARM	15' LUMINAIRE ARM	10' DUAL LUMINAIRE ARM (NON-STOCK)	15' DUAL LUMINAIRE ARM	MULTI-VOLT / TYPE-A (250w)	MULTI-VOLT / TYPE-B (400w)	UNDER MAST ARM LIGHTING LED LUMINAIRE		
LOCATION	EA	EA	EA	EA	LUMP	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Foothill Boulevard 400 North	1	1	1				2		4			1			2		1				3			8	16	8							2				2				2		2

CONTRACTOR FURNISHED MATERIALS																										
	DETECTION SCHEDULE											SIGNAL HEAD SCHEDULE														
	RADAR DETECTION								AUDIBLE PED BUTTONS			LED MODULES						POLYMER SIGNAL HEADS								
	ADVANCE RADAR SENSOR (Dilemma Zone)	STOPBAR RADAR SENSOR (Matrix)	SENSOR MOUNT	100' CABLE w-CONNECTOR	120' CABLE w-CONNECTOR	EPOXY SPLICE KIT	CLICK-650 RADAR INTERFACE (4 sensors)	CLICK-656 RADAR INTERFACE (6 sensors)	2-WIRE AUDIBLE PED BUTTON (For Full Intersection)	2-WIRE CENTRAL CONTROL UNIT	4-WIRE AUDIBLE PED BUTTON (For 1 or 2 Crossings)	RED BALL	YELLOW BALL	GREEN BALL	RED ARROW	YELLOW ARROW	GREEN ARROW	1-SECTION SIGNAL HEAD	3-SECTION SIGNAL HEAD	4-SECTION SIGNAL HEAD	5-SECTION SIGNAL HEAD	PEDESTRIAN HYBRID BEACON SIGNAL HEAD (PHB/HAWK)	TYPE-7 SIGNAL HEAD (Dual-Red)	3 SECTION ASTRO-BRAC ASSEMBLY	4/5 SECTION ASTRO BRAC ASSEMBLY	MAST ARM EXTENSION KIT
	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
LOCATION	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Foothill Boulevard 400 North	2	4	6	6		6		1			4	8	8	8	4	7	4		9	3				9	3	

- NOTES:
- POLYMER SIGNAL HEAD ASSEMBLIES INCLUDE SIGNAL HEAD HOUSING, VISORS, AND LOUVERED BACK PLATE WITH RETROREFLECTIVE TAPE WHEN APPLICABLE.



3/28/2025	DATE	1	INITIAL SUBMITTAL	JP	2/28/2025
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