

5050 SOUTH OVERLAY PROJECT

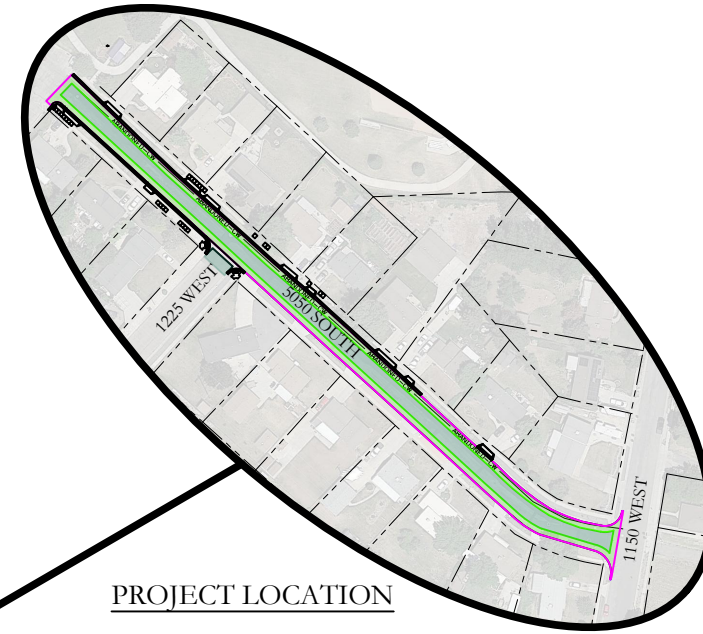
FROM GOLDEN SPIKE PARK TO 1150 WEST STREET

RIVERDALE CITY, WEBER COUNTY, UTAH

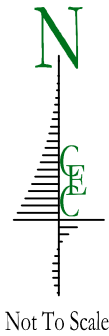
PUBLIC WORKS DIRECTOR
SHAWN DOUGLAS



CIVIL ENGINEERING
CONSULTANTS, PLLC.
5141 SOUTH 1500 WEST
RIVERDALE, UT 84405
801.866.0550



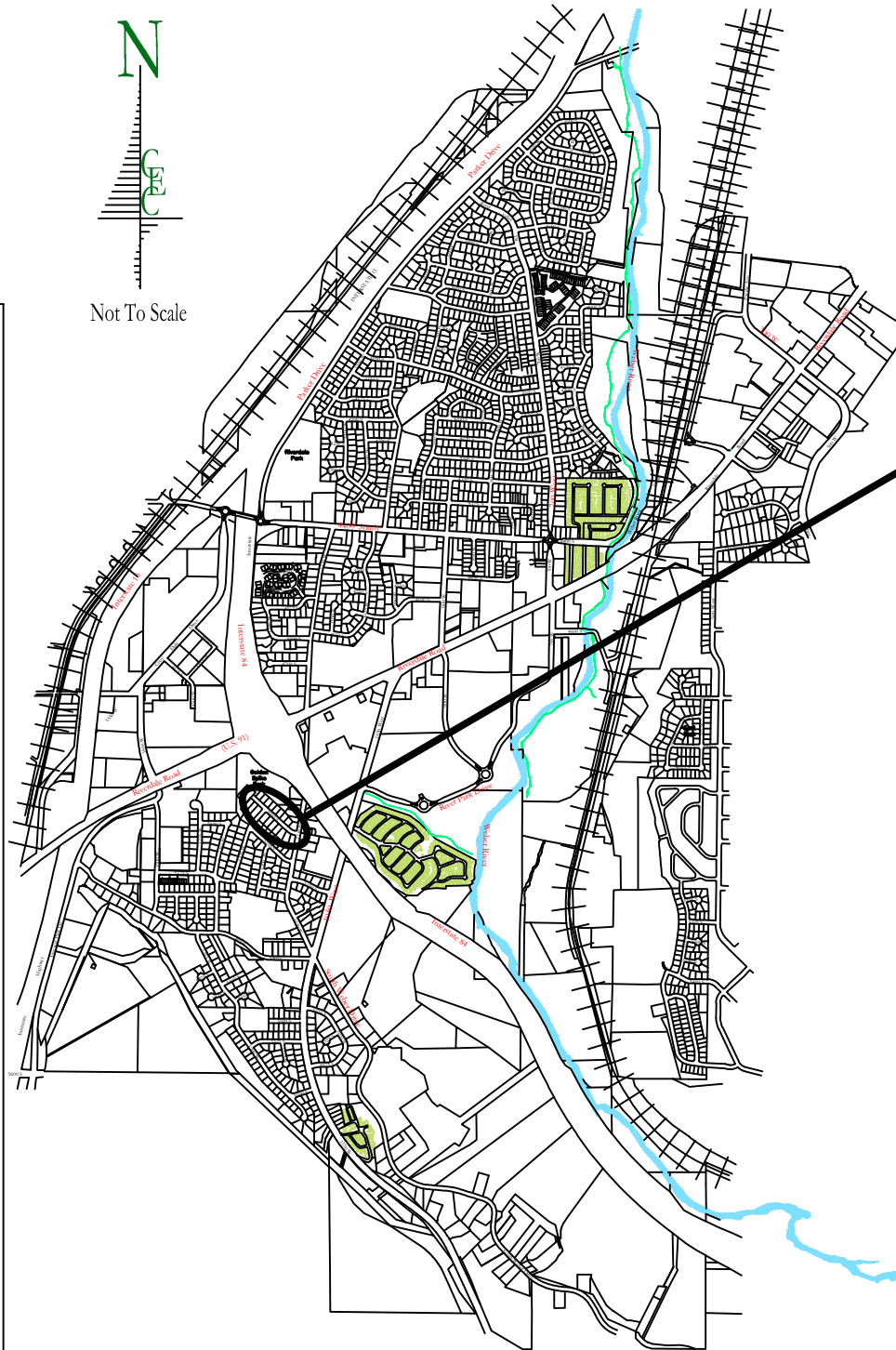
PROJECT LOCATION



Not To Scale

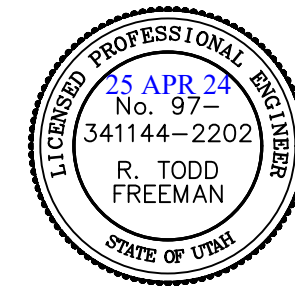
LEGEND AND SYMBOLS

- | | |
|-------------------------------|-------------|
| Centerline of road | --- |
| Contour line | -1234- |
| Curb & gutter | ==== |
| Easement line | ==== |
| Fence | x-x-x-x-x-x |
| Lot line | --- |
| Phase/boundary line | --- |
| Right of way line | --- |
| Section corner & line | ⊙ |
| Culinary water manhole & pipe | WMH |
| Fiber optic box & line | FO |
| Gas manhole & line | GAS |
| Irrigation manhole and pipe | IRR |
| Land drain manhole & pipe | LD |
| Power pole and line | P |
| Sanitary sewer manhole & pipe | SS |
| Storm water manhole & pipe | SW |
| Telephone pedestal & line | TELE |
| Fire hydrant | ⊙ |
| Storm water catch basin | ■ |
| Street sign | ⊙ |
| Street light | ⊙ |
| Water meter | ⊙ |
| Water valve | ⊙ |
- *Note:
All existing features
will be in a shaded line



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2 OF 8	NOTES
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6 OF 8	DETAILS
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STORM WATER POLLUTION PREVENTION SHEET INDEX	
SWPPP 1	NOTES
SWPPP 2	SWPPP: STA 0+00 - 8+49



NO.	DATE	BY	REVISIONS

DATE: APRIL 2024
DRAWN: JEO
CHECKED: RTF

PROJECT / LOCATION:
5050 SOUTH OVERLAY PROJECT
FROM GOLDEN SPIKE PARK TO 1150 WEST STREET
RIVERDALE, UTAH
TITLE:
COVER

CLIENT: RIVERDALE CITY
PROJECT NUMBER: RC.23004
FILE: ~rc23004 01-02 cover.dwg
SHEET: 1 of 8

LOCATION: Z:\CEC Clients\Riverdale City\Projects\RC.23004 South Road Overlay\CADD\Planset\~CADD C3D 2023 DATE: 4/26/2024 9:50 AM

EROSION CONTROL NOTES

1. During construction, the contractor shall be responsible for preventing and controlling soil erosion due to wind and water runoff. The contractor shall be sole responsible for constructing and maintaining the erosion control facilities. All surrounding streets shall be kept clean of debris from traffic from the project site.
2. The contractor shall comply with the requirements of the "best management practices" for storm water protection. This requirement may include protecting all inlet boxes, catch basins, drainage ditches, etc. during construction. The contractor shall protect all surrounding properties and streets from site runoff as required. Approved storm water protection methods and drainage provisions must be used to protect adjoining properties during construction.
3. The contractor shall use vehicle tracking control best management practices at all locations where vehicles will enter or exit the site. Control facilities must be maintained while construction work is in progress, adjusted when necessary, and removed from the site when the project is completed.
4. The contractor shall install storm water inlet protection devices immediately upon all individual storm water inlets becoming functional.
5. All wash water from construction vehicles (concrete trucks, vehicle cleaning, etc.) shall be disposed in a manner that prevents contact with natural storm water discharges from the site.
6. All construction materials spilled, dropped, washed or tracked from vehicles onto City roadways or into storm drainage facilities must be removed immediately.
7. No rubbish, trash, garbage or other such materials shall be discharged into drainage ditches or storm water runoff channels.
8. The contractor shall adhere to all conditions of the "Utah State Storm Water Pollution and Prevention Plan" adopted for this project. The contractor shall be responsible for adjusting the erosion control measures (silt fences, straw bales, etc.) due to grade changes or other unforeseen conditions during development of the project.

GENERAL CONSTRUCTION NOTES

1. The utilities shown on the drawings are for informational purposes only. The contractor shall locate all underground utilities, contact blue stakes and other applicable utilities prior to laying pipe within 200 feet of said utilities which may be exposed, damaged or crossed as shown on the drawings or as "blue staked". The contractor shall coordinate with the utility company to move the utility if necessary. The contractor shall not modify grade of project lines in order to go over and around existing utilities. The contractor shall pothole for the location of utilities prior to excavation.
2. The contractor shall review and verify all dimensions shown on the drawings. The contractor must bring to the attention of the Engineer of any errors, discrepancy or conflicts found on any drawings of items that are located on the site.
3. The contractor shall be responsible to provide appropriate signing and barricading. All flagging, signage and barricades and all traffic control required shall be in compliance with the current "manual on uniform traffic control devices".
4. All public and private roadways must be cleaned daily, or as often as required, of all loose dirt, mud, gravel and all debris as a result of the construction work. This requirement shall apply continuously throughout the duration of the project and shall not be limited to normal construction working hours.
5. All dust on project site shall be controlled by sweeping and watering the construction area.
6. The contractor shall be completely responsible for the job site conditions during the course of construction, including safety of all persons and adjoining property. This requirement shall apply continuously throughout the duration of the project and not be limited to normal construction working hours.
7. Verify depth and location of all existing utilities prior to constructing any new utility lines. Notify project engineer of any discrepancies or conflicts prior to any connections being made.
8. The contractor shall be responsible for meeting all of the requirements established for safe trenching. (See OSHA and UOSHA requirements, latest editions).
9. Specific information provided in the contract documents shall supersede items covered in these drawings.
10. The contractor shall contact and coordinate all utility connections with the utility owner.
11. All construction to comply with specifications contained and with Riverdale City standards and specifications.

CALL BEFORE YOU DIG.
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 (TOLL FREE) **1-800-662-4111**
BLUE STAKES OF UTAH
 UTILITY NOTIFICATION CENTER, INC.
www.bluestakes.org

CAUTION NOTICE TO CONTRACTOR

The contractor is herewith instructed that the location and/or elevation of existing utilities as shown on these plans are based on records of the various utility companies and, where possible, measurements taken in the field. The information shown is not to be relied on as being exact or complete. The contractor is required to call the appropriate utility company at least 48 hours before any excavation to request exact field location of utilities. Is the sole responsibility of the contractor to relocate all existing utilities which conflict with the proposed improvements shown on the drawings.

The contractor shall assume sole and complete responsibility for job site conditions during the course of construction of this project, including safety of all persons and property. This requirement shall apply continuously and not be limited to the normal working hours; and the contractor shall defend, indemnify, and hold the owner and the engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting for liability arising from sole negligence of the owner or the engineer.

ABBREVIATIONS USED IN DRAWINGS

adj	adjust	elec	electrical	in	inch	pp	power pole	swmh	storm water manhole
arv	air release valve	eg	existing grade/ground	inv	invert	pr	proposed	sy	square yard
bw	back of walk	elev	elevation	irr	irrigation	prc	point of reverse curve	tc	top of concrete
bvce	beginning vertical curve elev.	eoc	edge of concrete	ld	land drain	prv	pressure reducing valve	tbc	top back of curb
bvcs	beginning vertical curve station	ep	edge of pavement	lf	linear foot	pt	point of tangency	tele	telephone
bw	both ways	evce	end vertical curve elev.	lip	lip of curb	pue	public utility easement	toa	top of asphalt
cb	catch basin	evcs	end vertical curve station	lp	low point	pvc	polyvinyl chloride pipe	toe	toe of slope
chord	chord bearing	ew	each way	ls	lump sum	r	radius	top	top of slope
cl	centerline	exist	existing	lt	left	rc	rebar & cap	tow	top of wall
cmp	corrugated metal pipe	ff	finished floor elevation	max	maximum	row	right of way	tow	top of walk
co	clean out	fg	finished grade	mh	manhole	rt	right	typ	typical
conc	concrete	fh	fire hydrant	min	minimum	sec cor	section corner	w	water
cw	culinary water	fl	flow line	mon	monument	ser	south end radius	wm	water meter
da	delta angle	fo	fiber optic	nts	not to scale	sf	square foot	wmh	water manhole
det	detail	ft	foot	oc	on center	ss	sanitary sewer	wv	water valve
dia	diameter	gb	grade break	ohp	over head power	smh	sanitary sewer manhole		
dip	ductile iron pipe	hdpe	high density poly ethylene	pc	point of curvature	sta	station		
dwg	drawing	hp	high point	pi	point of intersection	std	standard		
ea	each	hyd	hydrant	pl	property line	sw	storm water		

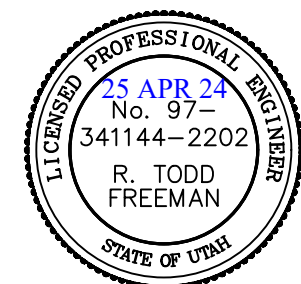

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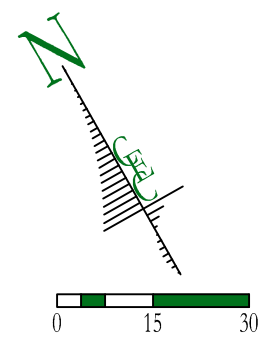
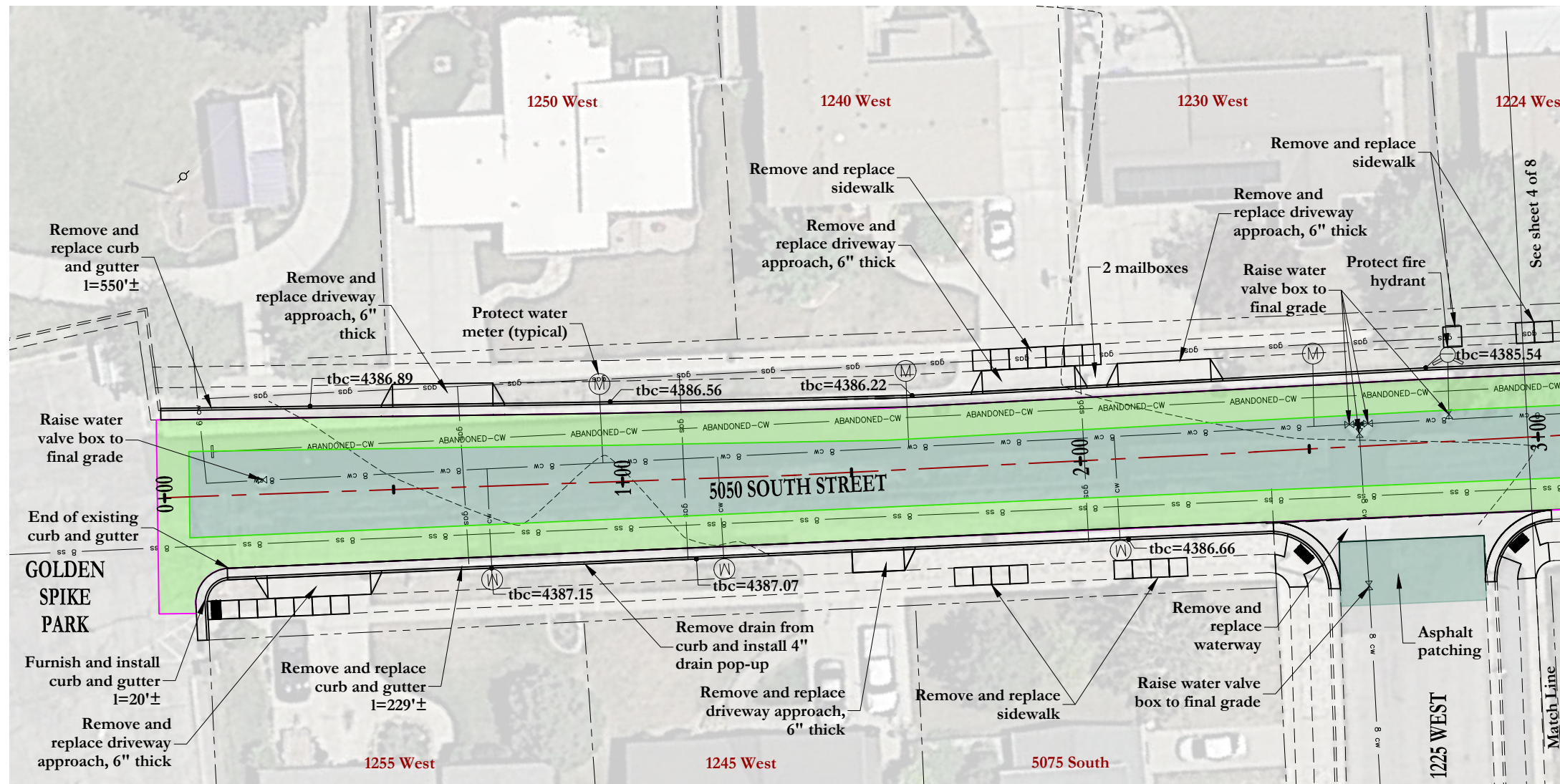
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PROJECT / LOCATION:
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 FROM GOLDEN SPIKE PARK TO 1150 WEST STREET
 RIVERDALE, UTAH
 TITLE: NOTES

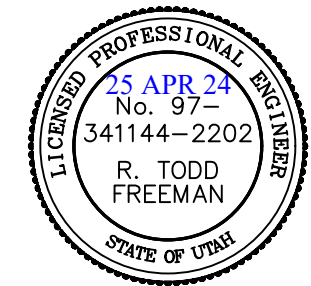
CLIENT: RIVERDALE CITY
 PROJECT NUMBER: RC.23004
 FILE: ~rc23004-01-02 cover.dwg
 SHEET: 2 of 8





- Indicates area to have 2-1/4" overlay (without mill).
Area: 14,000 +/- sq ft
- Indicates area to have 2" mill and 2-1/4" overlay.
Area: 12,500 +/- sq ft
- 2-1/4" Overlay total area.
Area: 26,500 +/- sq ft

- NOTES:**
- Contractor shall lower and raise all existing manholes and valve boxes as required.
 - Contractor shall mill from lip of curb and gutter 2" to 0" at 7' from lip of curb and gutter.
 - City and/or Engineer will mark limits of concrete sidewalk and curb and gutter for removal/replacement.
 - Landscaping shall be removed and replaced as required.



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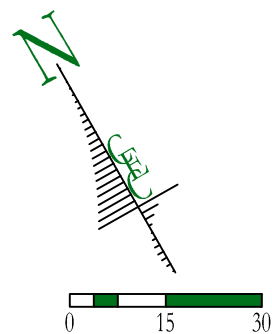
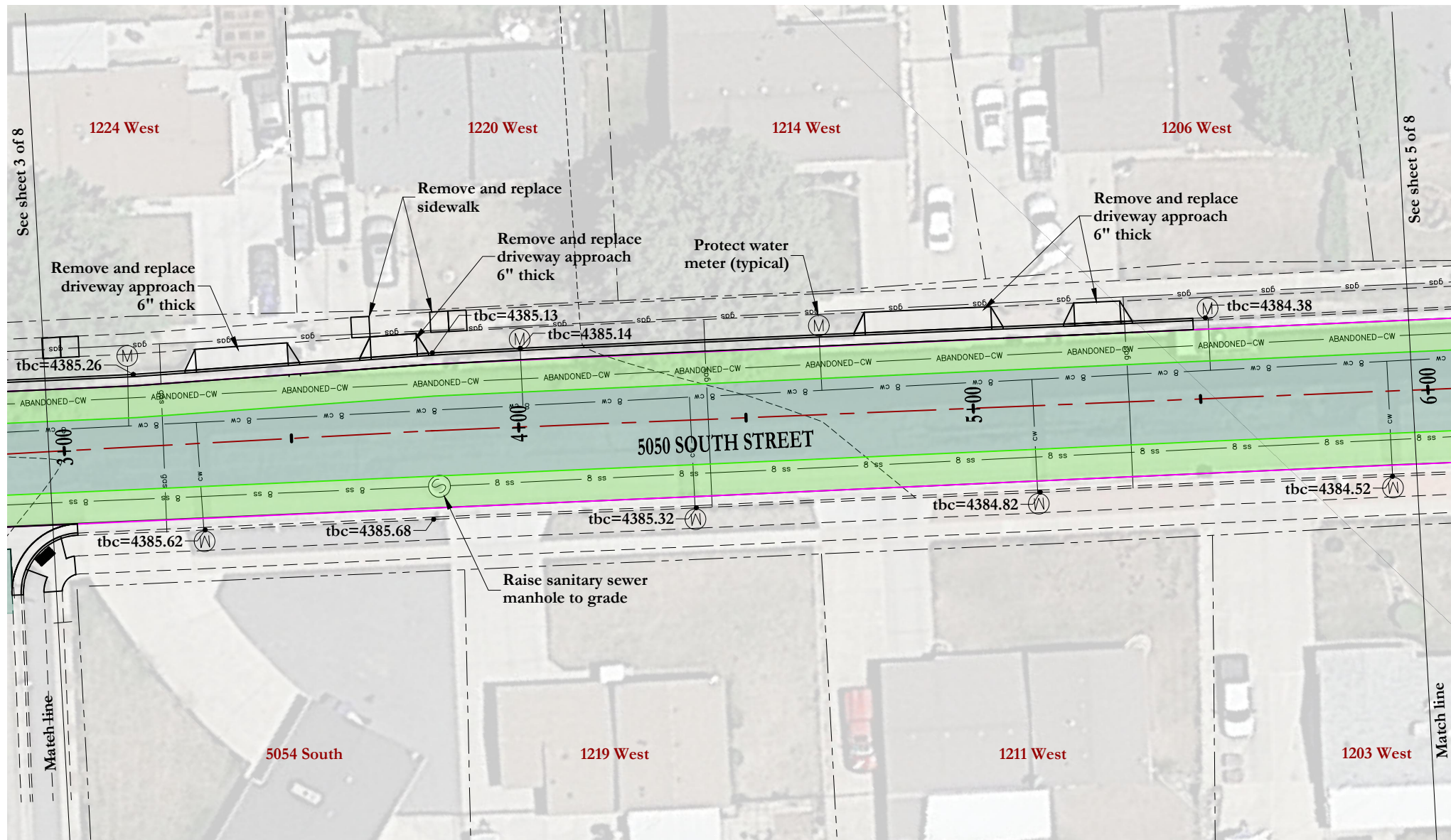
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 SITE PLAN: STA 0+00-3+00

CLIENT:
 RIVERDALE CITY

PROJECT NUMBER:
 RC.23004

FILE:
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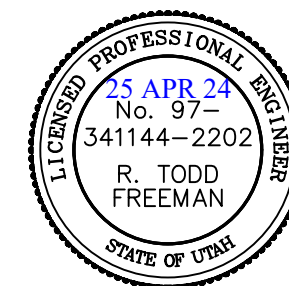
SHEET:
 3 of 8



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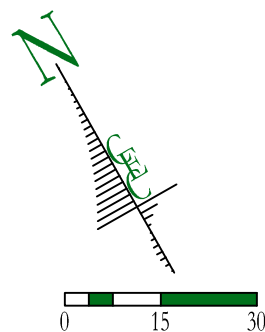
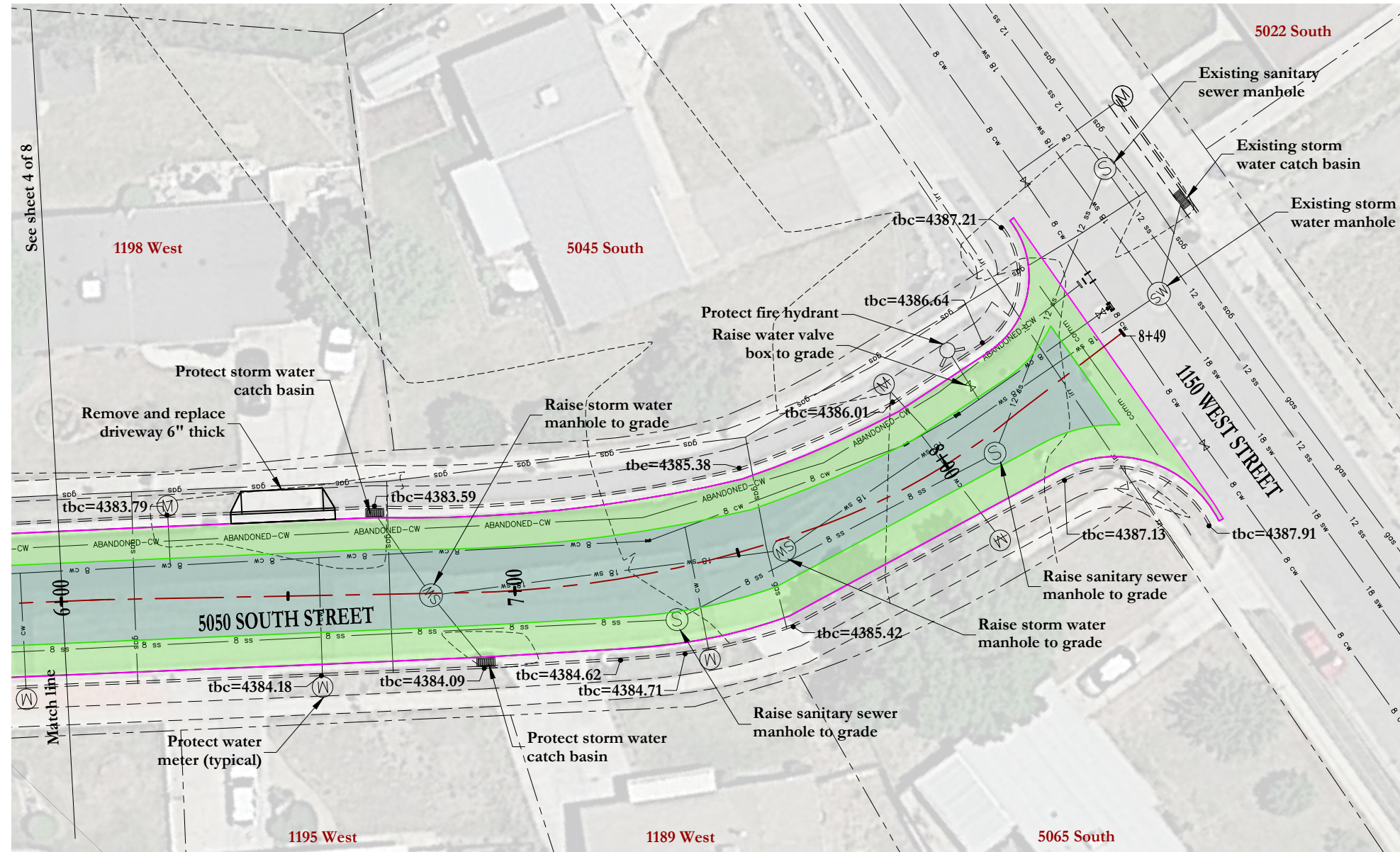
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 TITLE:
 SITE PLAN: STA 3+00-6+00

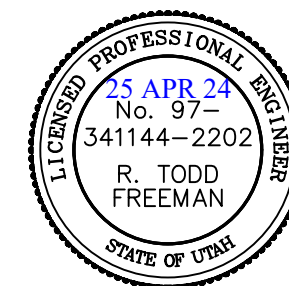
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 PROJECT NUMBER:
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 FILE:
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 4 of 8



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 FROM GOLDEN SPIKE PARK TO 1150 WEST STREET
 RIVERDALE, UTAH

TITLE:
 SITE PLAN: STA 6+00-8+49

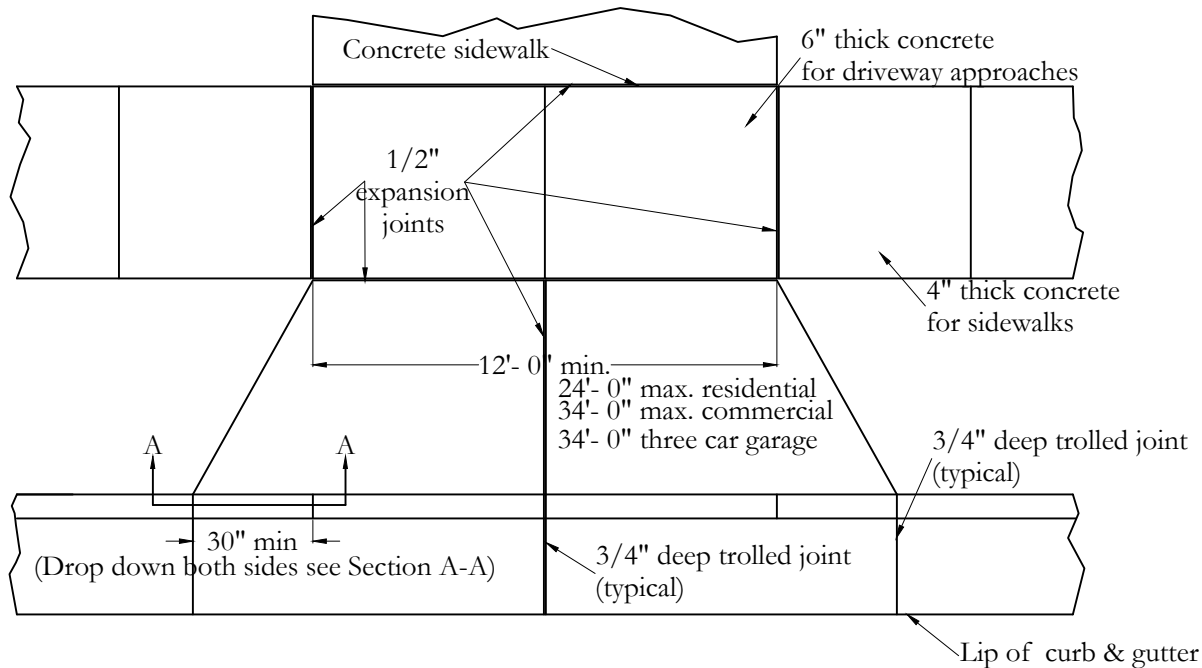
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PROJECT NUMBER:
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FILE:
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SHEET:
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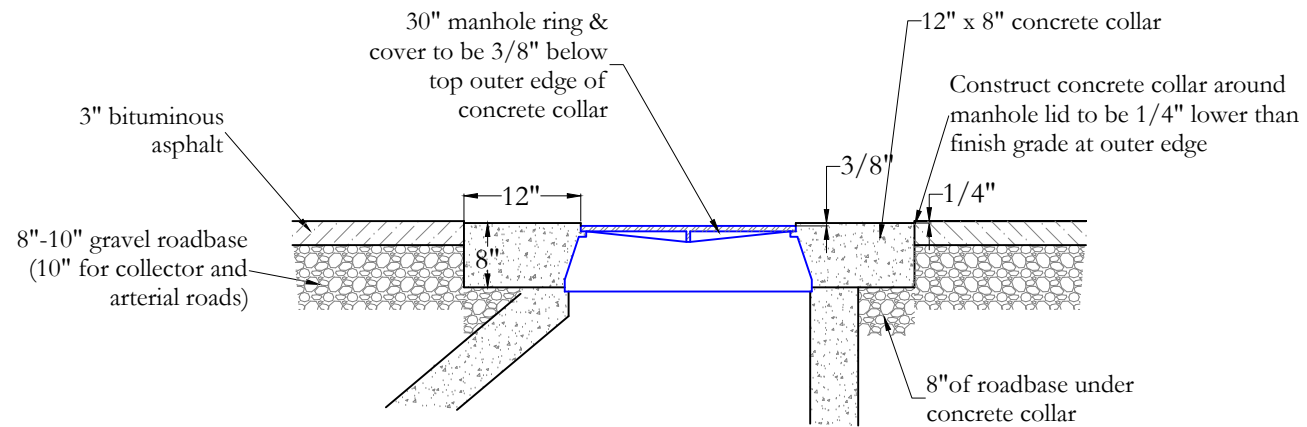
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DRIVEWAY APPROACH

SCALE: NONE

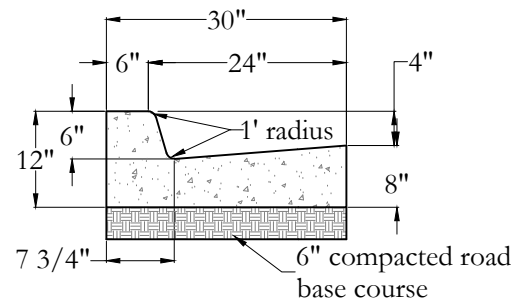
1
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MANHOLE CONCRETE COLLAR DETAIL

SCALE: NONE

2
-



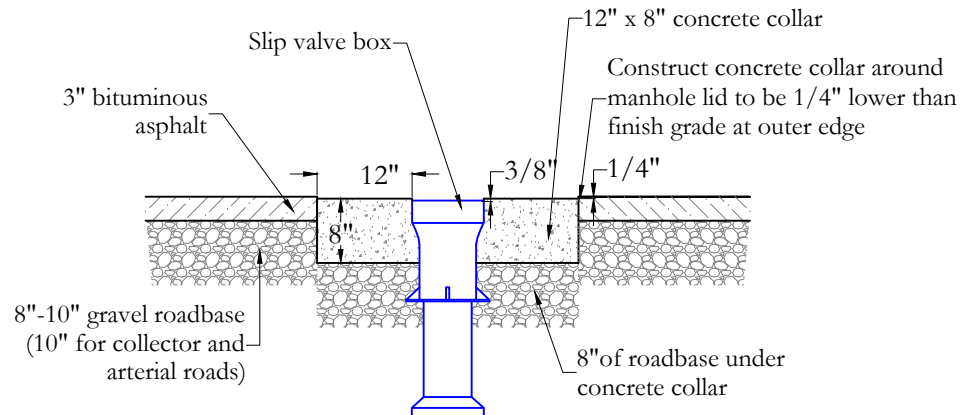
NOTE:

Contractor to provide expansion joints at a spacing not to exceed 40 feet and where new concrete materials abut existing ramps, curb and gutter, and other concrete, or as directed by the Engineer.

STANDARD 30" CURB & GUTTER

SCALE: NONE

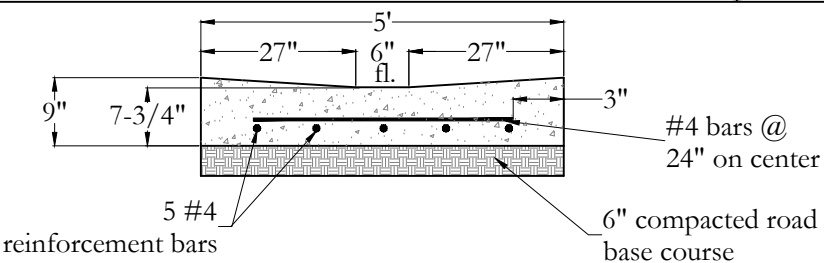
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WATER VALVE COLLAR DETAIL

SCALE: NONE

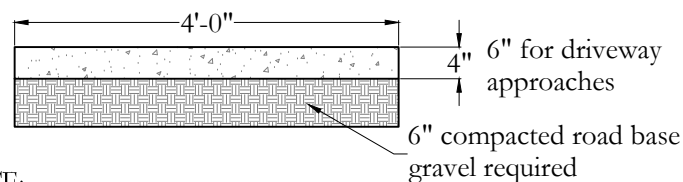
4
-



STANDARD 5' WIDE WATERWAY

SCALE: NONE

5
-



NOTE:

Contractor to provide expansion joints at a spacing not to exceed 40 feet and where new concrete materials abut existing ramps, curb and gutter, and other concrete, or as directed by the Engineer.

SIDEWALK SECTION

SCALE: NONE

6
-

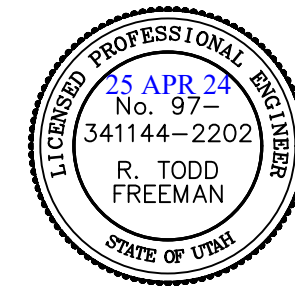
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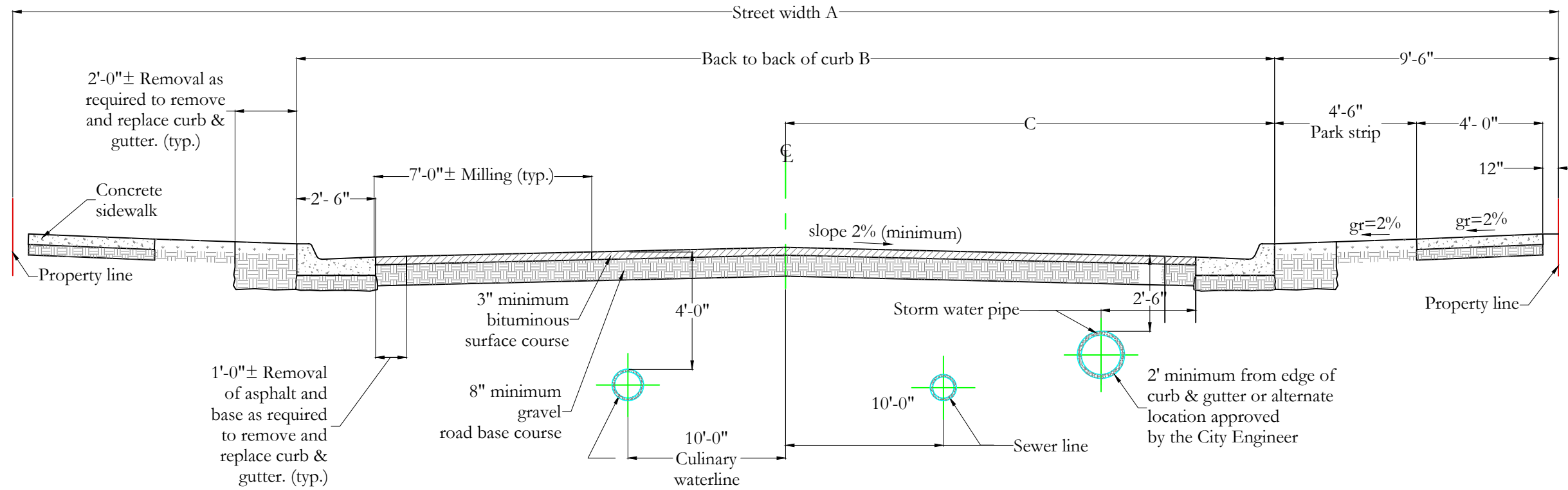
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 FILE: ~rc23004 06-08 details.dwg
 SHEET: 6 of 8

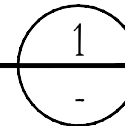


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STANDARD URBAN ROADWAY SECTION

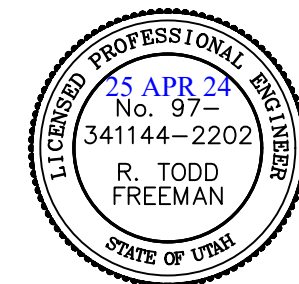
SCALE: NONE



NOTES:

1. Maximum difference in elevation between curb on opposite side of street shall not exceed 1'-0".
2. Pavement thickness shall be considered as minimum and may be increased by the Engineer when the subgrade c.b.r. is less than 10 or when a greater depth is necessary to provide sufficient stability.
3. Minor and major arterial streets shall be constructed with a 8" untreated base course and 3" bituminous surface course or as required.
4. Minimum storm water pipe size is 15" diameter.
5. Minimum water line size is 8" diameter.
6. Minimum sanitary sewer line size is 8" diameter.
7. Contractor shall not install contaminated /recycled roadbase.

Street designation	R.O.W. WIDTH A	T.B.C. TO T.B.C. B	CL TO T.B.C. C
Minor	50'	30'	15.5'
Standard residential	60'	41'	20.5'
Collector	66'	47'	23.5'
Minor arterial	80'	61'	31.5'
Major arterial	100'	81'	40.5'



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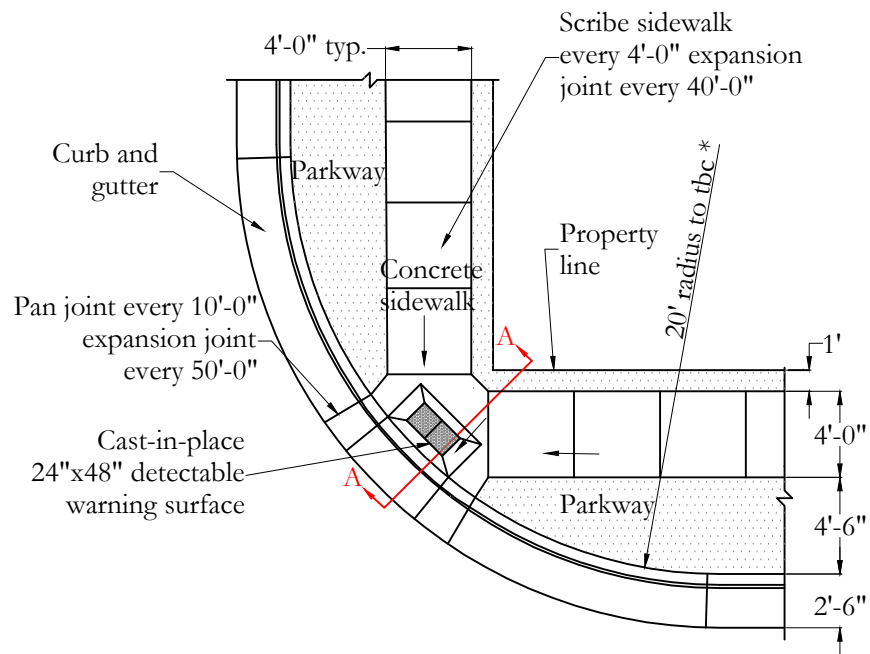
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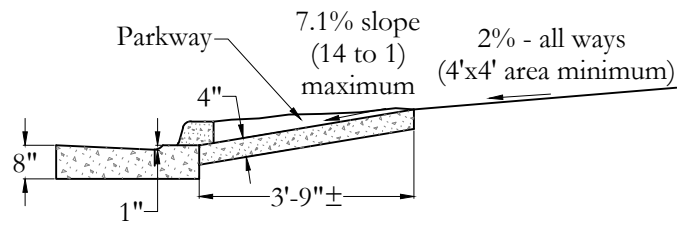
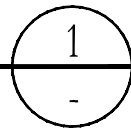
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 SHEET: 7 of 8

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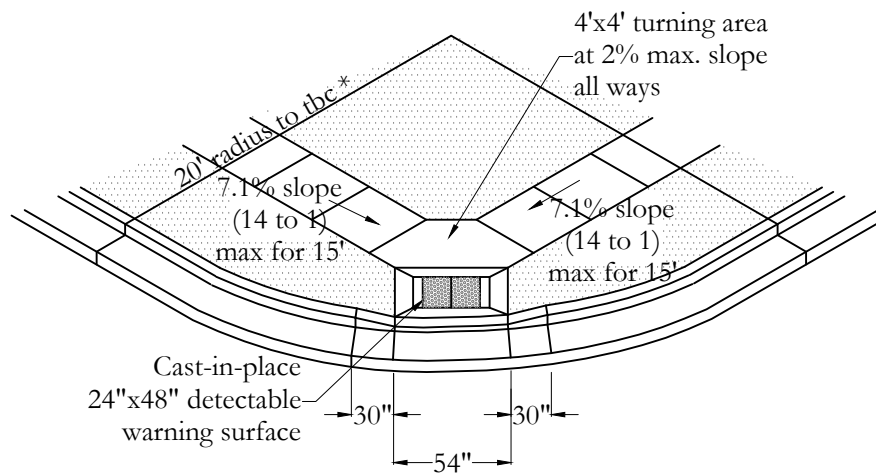


WHEELCHAIR RAMP- PEDESTRIAN ACCESS

SCALE: NONE



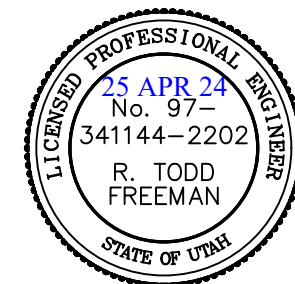
SECTION A



PICTORIAL VIEW

NOTES:

1. A minimum 6" depth of roadbase material or crushed gravel shall be placed to grade and compacted under handicap ramps to 95% of maximum dry density prior to placement of concrete.
2. Locate all inlet grates 2' minimum away from the pedestrian crosswalk, with all drainage intercepted before storm water crosses the crosswalk area.
3. Slopes shown are maximum slopes.
4. Expansion joints shall be constructed by placing an approved material, (typically bituminous impregnated fiberboard), the full depth of the concrete. expansion material shall be set 1/4" below the finish level of sidewalk ramp.
5. Materials, construction, and workmanship shall be in accordance with Riverdale City standards and specifications.
6. When a city roadway intersects with a UDOT road, a 35' minimum radius (or other) will be required as per UDOT requirement.
7. Detectable warning surface materials & installation must conform to "ADA cast-in-place tactile warning panels" requirements & specifications.



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 SHEET: 8 of 8

STORM WATER POLLUTION PREVENTION PLAN

5050 SOUTH OVERLAY PROJECT FROM GOLDEN SPIKE PARK TO 1150 WEST STREET

SCOPE OF PROJECT

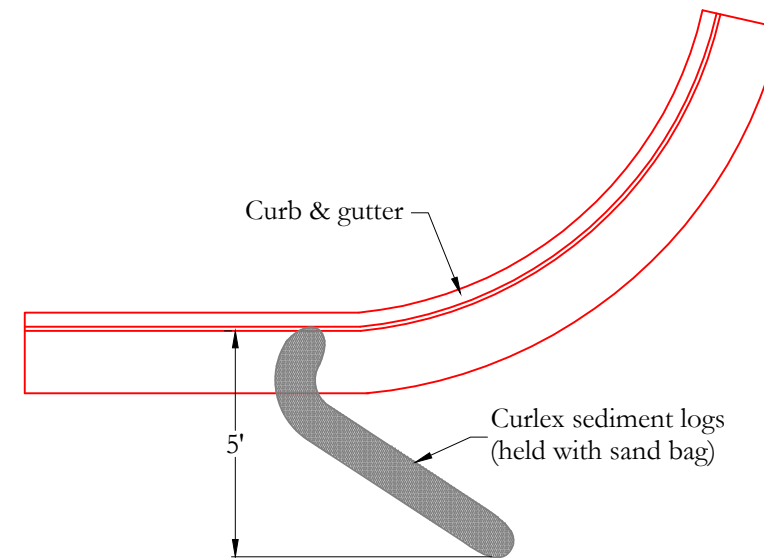
The work includes furnishing all labor, tools, materials, equipment, transportation, and services required for construction of the above project; consisting of the following items of work: mobilization; removal of curb & gutter; removal of concrete sidewalk, flat work and driveway approaches, removal of asphalt and roadbase; installation of concrete curb and gutter; sidewalk and driveway approaches and handicap ramps; roadway surface milling; installation of asphalt overlay surfacing complete with fabric; and miscellaneous landscaping; and all appurtenant work in accordance with the Drawings and Specifications prepared by the Engineer, CEC, Civil Engineering Consultants, PLLC.

SITE DETAILS

- The Construction site is located within the boundaries of Riverdale City, Weber County. The construction will be limited to the land contained within the right-of-way as shown on the drawings.
- The Coefficient of Run-off following construction will not be changed.
- The collection and detention of storm water will follow the Riverdale City approved design drawings.
- The drainage pattern on the existing site will not be altered. The direction of storm water flow will remain the same.
- The construction boundaries are shown on the improvement drawings and are limited to existing right-of-way.
- These environmental controls will be monitored a minimum of every 14 days or after a 1/2" inch or more of rain fall. Sediment will be removed from these sediment traps when their capacity has been reduced by 50%.
- Contractor shall monitor and remove from the site all loose construction waste, debris, and litter on a weekly basis and prevented from entering into the Riverdale City Storm Water facilities.

MISCELLANEOUS NOTES

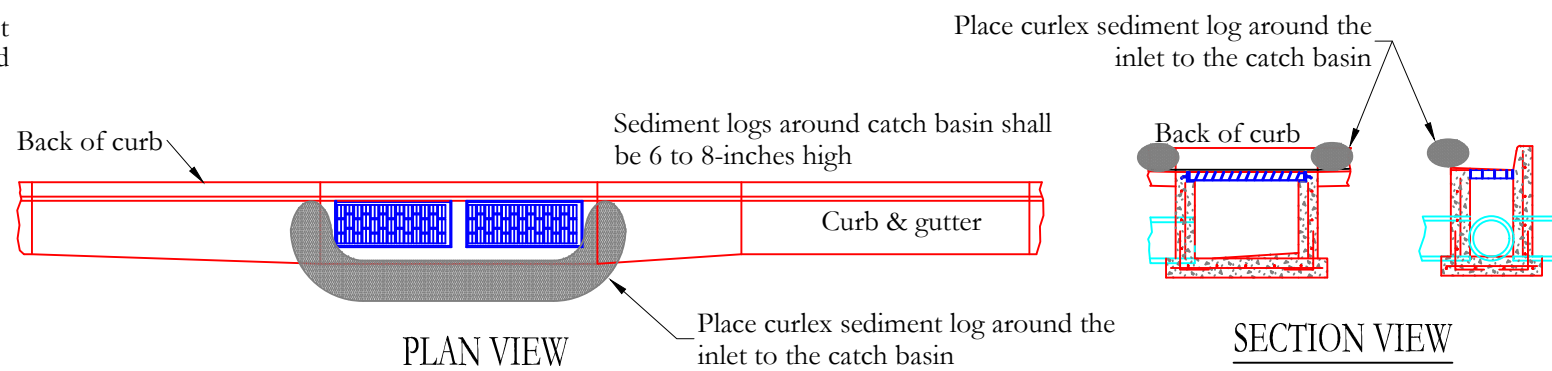
- The construction wash out area is to be used for on-site construction activities only.
- The contractor shall furnish portable restroom facilities and locate in a secure area.
- The contractor shall establish a monitoring process to document the management of all Best Management Practices established on site. The monitoring process shall be noted, documented and maintained on a weekly basis.



CURLEX SEDIMENT LOG PROTECTION

SCALE: NONE

1



NOTE:
Place barricade or weights to secure the curlex sediment log.

CURLEX SEDIMENT LOG BARRIER PLAN

SCALE: NONE

2



CIVIL ENGINEERING CONSULTANTS, PLLC.
5141 SOUTH 1500 WEST
RIVERDALE, UT 84405
801.866.0550

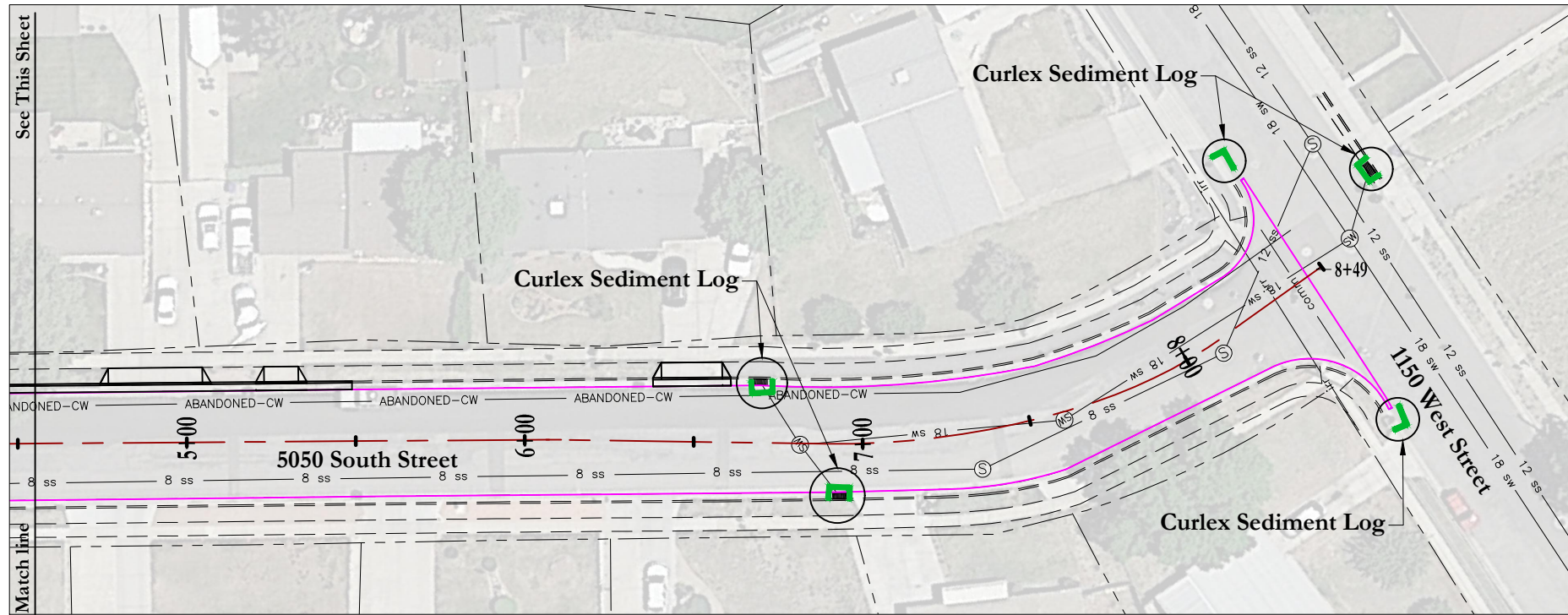
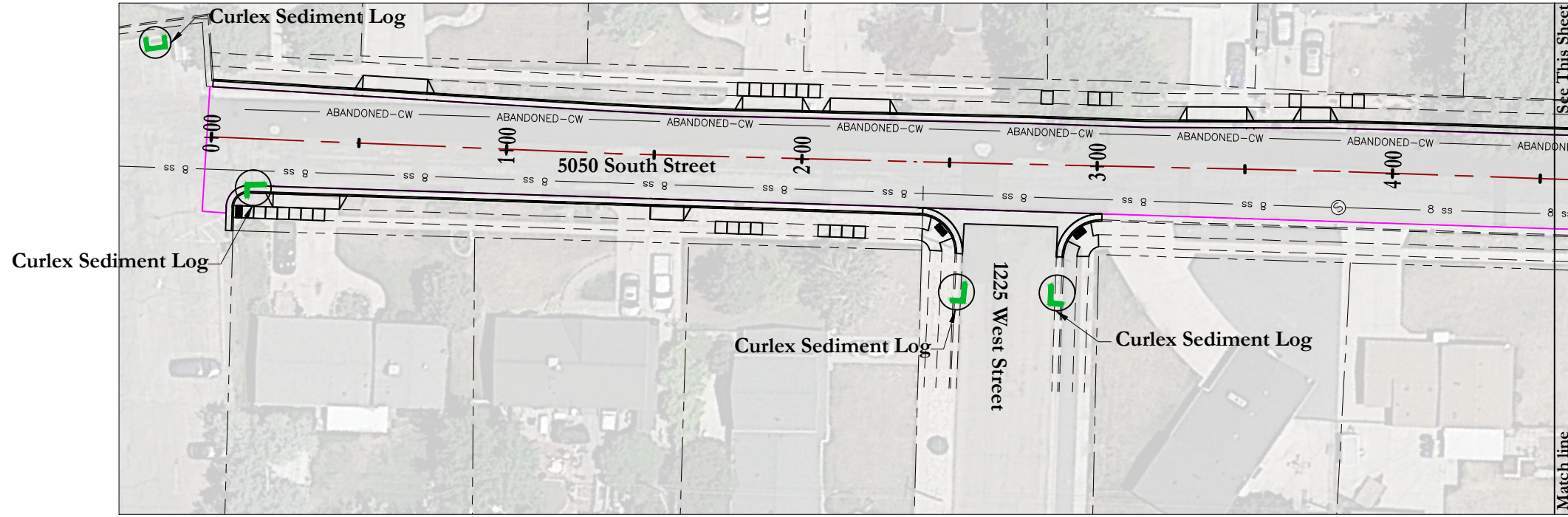
NO.	DATE	BY	REVISIONS

DATE: APRIL 2024
DRAWN: JEO
CHECKED: RTF

PROJECT / LOCATION:
5050 SOUTH OVERLAY PROJECT
FROM GOLDEN SPIKE PARK TO 1150 WEST STREET
RIVERDALE, UTAH
TITLE:
STORM WATER POLLUTION PREVENTION PLAN NOTES

CLIENT: RIVERDALE CITY
PROJECT NUMBER: RC.23004
FILE: ~rc23004 SWPPP.dwg
SHEET: SWPPP 1

LOCATION: Z:\CEC Clients\Riverdale City\Projects\RC.23004 5050 South Road Overlay\CADD\Planset\~CADD C3D 2023 DATE: 4/26/2024 9:50 AM



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PROJECT / LOCATION:
5050 SOUTH OVERLAY PROJECT
FROM GOLDEN SPIKE PARK TO 1150 WEST STREET
RIVERDALE, UTAH
TITLE:
SWPPP: 0+00 to 8+49

CLIENT:
RIVERDALE CITY
PROJECT NUMBER:
RC.23004
FILE:
~rc23004 SWPPP.dwg
SHEET:
SWPPP 2