

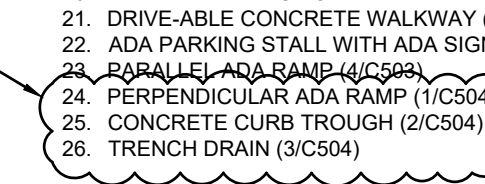
GENERAL NOTES:

- CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND CONTACT ENGINEER IF DIFFERENT FROM LOCATIONS DISPLAYED ON THESE PLANS.
- PROVIDE 11'-FT HORIZONTAL SEPARATION BETWEEN CENTERLINES OF WATER & SEWER. 6'-FT HORIZONTAL SEPARATION BETWEEN SECONDARY IRRIGATION AND SEWER.
- ALL SEWER LINES SHALL BE CONSTRUCTED OF PVC SDR-35 MATERIAL IN TYPICAL CONDITIONS. WHERE A SEWER PIPE OR LATERAL PASSES THROUGH OR BENEATH JURISDICTIONAL WETLANDS OR ANY OTHER SURFACE WATERS THE PIPE SHALL BE CONSTRUCTED OF HDPE MATERIAL. SEWER CONNECTIONS TO SEWER MANHOLES SHALL BE GROUTED USING NON-SHRINK GROUT.
- POWER - CONTRACTOR SHALL COORDINATE WITH OWNER AND ROCKY MOUNTAIN POWER TO DETERMINE PRECISE LOCATION AND LAYOUT OF POWER LINES THROUGH DEVELOPMENT. CONTRACTOR SHALL BE RESPONSIBLE TO TRENCH, BED, INSTALL AND FILL IN THE POWER TRENCH AND PROVIDE THE REQUIRED 18" PVC SCHEDULE 40 CONDUIT.
- TELEPHONE AND CABLE - CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES FOR LOCATION OF CONDUIT CROSSINGS AND SHALL INSTALL ALL CONDUITS.
- GAS - CONTRACTOR SHALL COORDINATE INSTALLATION OF GAS WITH DOMINION ENERGY.
- MECHANICAL JOINT RESTRAINTS (4/C502) AND CONCRETE THRUST BLOCKS (5/C501) ARE TO BE INSTALLED ON ALL PRESSURIZED WATER LINES AT ALL TEES, WYES, BENDS, & HYDRANTS PER NIBLEY CITY STANDARDS AND SPECIFICATIONS.

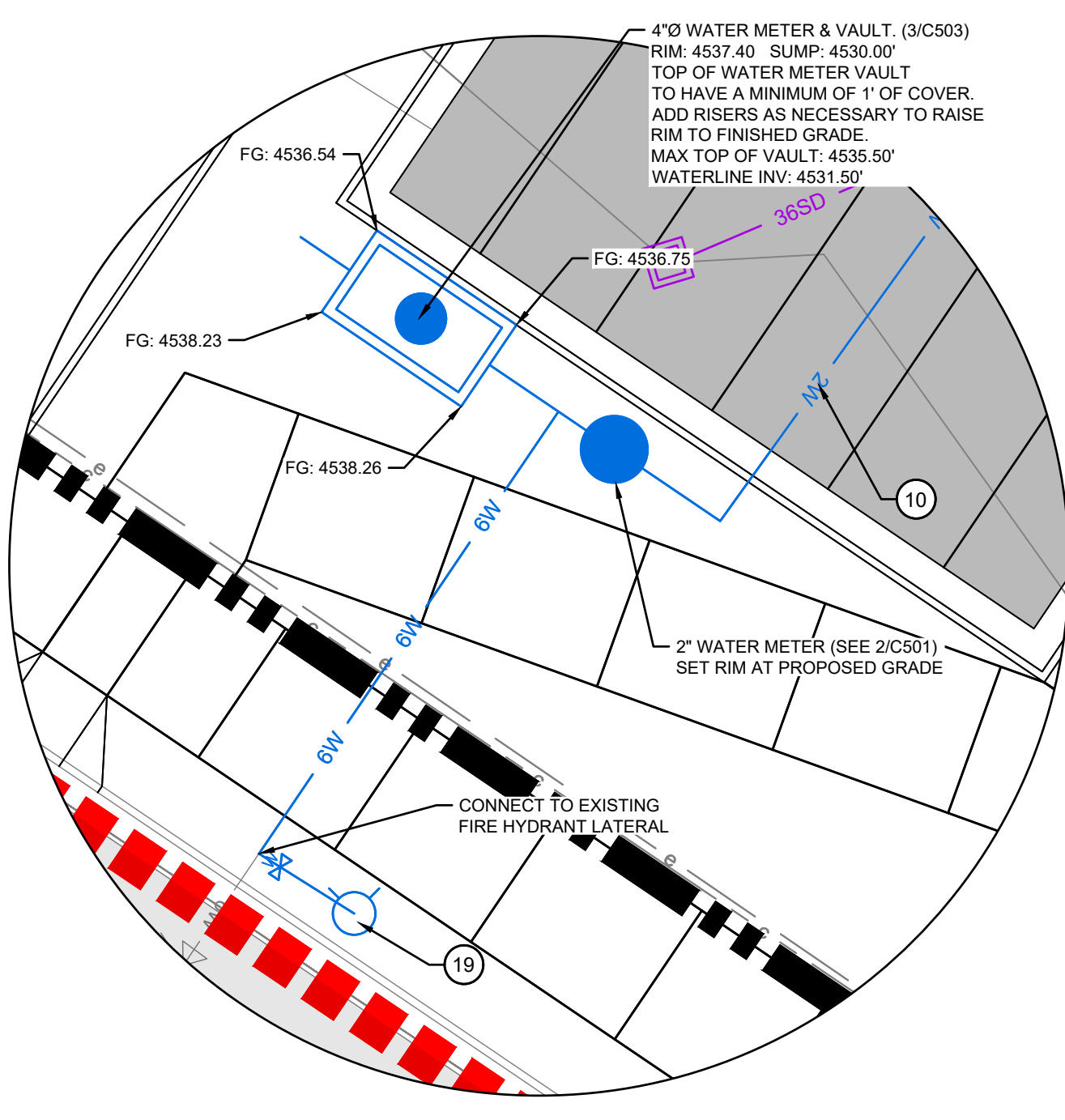
① SITE/UTILITY SHEET KEY NOTES:

PROVIDE, INSTALL, AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED. THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

- PICKLEBALL COURTS. SEE LANDSCAPE PLANS.
- CONCRETE SIDEWALK (TYP.). (SEE 4/C501)
- PUBLIC RESTROOM
- ASPHALT PAVEMENT & CURB (SEE 5/C501 & 4/C501)
- CIRCULAR PAVILLION (3' Ø)
- CIRCULAR PAVILLION (24' Ø)
- STORMWATER POND (SEE C301)
- BERM (SEE LANDSCAPE PLANS)
- SANITARY SEWER SERVICE (3/C501)
- CULINARY WATER SERVICE (2/C501)
- PRIVATE IRRIGATION DIVERSION
- COLLEGE IRRIGATION CANAL (SEE C301). ADD HDPE END SECTION WITH TRASH GUARDS AT END OF PIPE
- BOARDWALK
- STAIRS (12.5" TREADS @ 2% WITH 5 (6") STEPS)
- GAGA BALL PIT
- 9-SQUARE AREA
- PATCH ASPHALT
- NOT USED
- RELOCATE EXISTING FIRE HYDRANT & ADD GATE VALVE
- FLARED END SECTION AND TRASH GUARD (3/C502)
- DRIVE-ABLE CONCRETE WALKWAY (1/C501)
- ADA PARKING STALL WITH ADA SIGNAGE AND MARKINGS
- PARALLEL ADA RAMP (4/C504)
- PERPENDICULAR ADA RAMP (1/C504)
- CONCRETE CURB TROUGH (2/C504)
- TRENCH DRAIN (3/C504)



WATERLINE CONNECTION DETAIL
SCALE: 1" = 10'



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8710 S. Sandy Parkway
Sandy, UT 84070
p 801.479.3157

OWNER:
NIBLEY CITY
451 W. 300 S.
NIBLEY, UT, 84321

CONTACT:
TOM DICKENSON
PH: 435.767.8848



RIDGELINE PARK PHASE 1
401 W ROPELATO DRIVE
NIBLEY, UT 84321

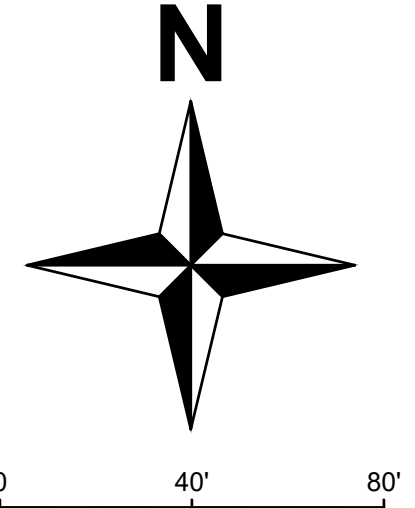
NO.	DATE	DESCRIPTION
01	01/14/24	ISSUED FOR PERMIT
02	02/05/24	ISSUED FOR CONSTRUCTION



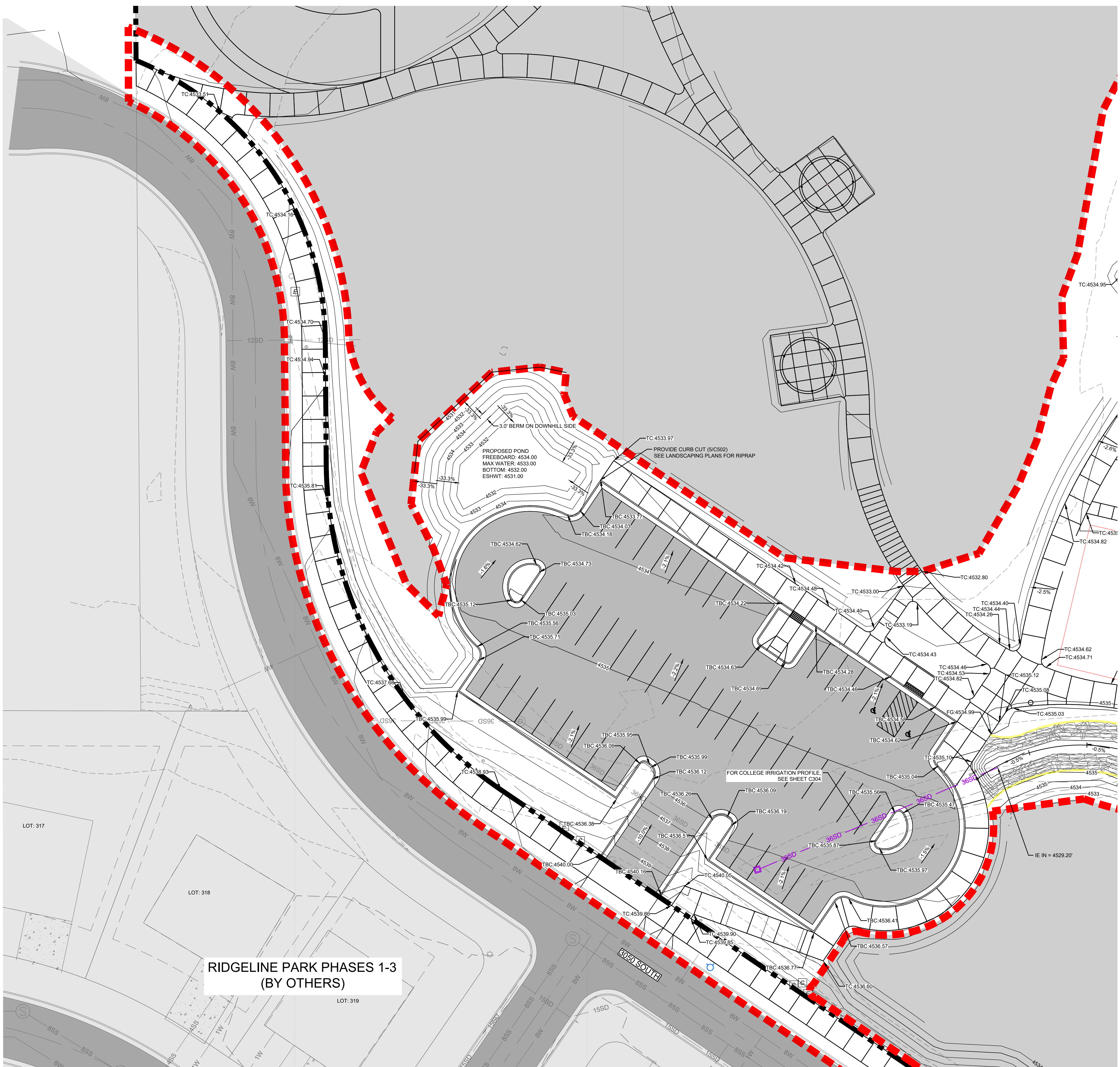
Drawn By: L. MUMFORD
Date: 1/23/2024
Checked By: M. TAYLOR
Project No: 22-270

Drawing Title
SITE & UTILITY

Drawing number
C201



CONSTRUCTION DOCUMENTS



RIDGELINE PARK PHASES 1-3
(BY OTHERS)

LOT: 319

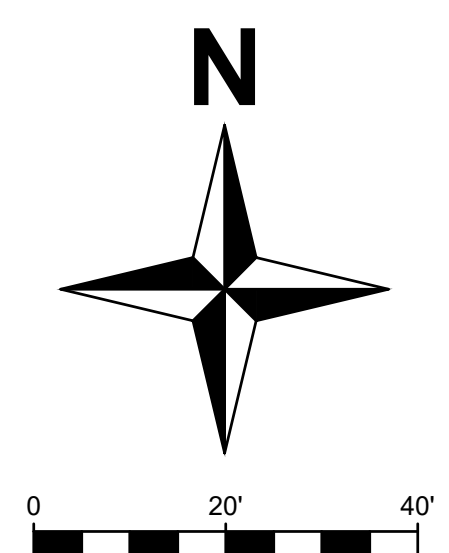
GENERAL NOTES:

1. CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND CONTACT ENGINEER IF DIFFERENT FROM LOCATIONS DISPLAYED ON THESE PLANS.
2. MINIMUM 18" OF VERTICAL SEPARATION REQUIRED BETWEEN WATER MAIN AND SEWER MAIN WHERE LINES INTERSECT.
3. MINIMUM OF 10' FROM OUTSIDE-OF-PIPE TO OUTSIDE-OF-PIPE REQUIRED BETWEEN CULINARY WATER LINE AND ALL OTHER WET UTILITIES.
4. ALL IRRIGATION LINES SHALL BE ANWA C900 DR18. ALL IRRIGATION MAINS SHALL BE INSTALLED WITH A MINIMUM OF 3' OF COVER.
5. ALL OPEN ENDED PIPES TO BE INSTALLED WITH FLARED-END SECTION AND TRASH GUARD.

GRADING LEGEND:

- FG = FINISHED GRADE
- EG = EXISTING GRADE
- TA = TOP OF ASPHALT
- TC = TOP OF CONCRETE
- TBC = TOP BACK OF CURB

STORMWATER CALCULATIONS				
Parking Lot				
Description	Area (sq ft)	Area (ac)	CN (Group B/D)	(SubArea / TotalArea)*CN
Impervious Area	27,415	0.63	98	97
Open Space	260	0.01	71	1
Total Area:	27,675	0.64	98	
Pre Development (Pasture, grassland, or range; good): 27,675 0.64 71				
80th-percentile retention (0.5"): 1,153 cu-ft				
Initial Abstraction 0.05 inches				
for pre dev 0.82 inches				
Precipitation (10 Yr)	24 hour storm	2.04	inches	
Precipitation (25 Yr)	24 hour storm	2.41	inches	
Precipitation (100 Yr)	24 hour storm	3.02	inches	
Direct Runoff (10 Yr)	24 hour storm	1.79	total runoff depth	
for pre dev (10 Yr)	24 hour storm	0.28	total runoff depth	
Direct Runoff (25 Yr)	24 hour storm	2.15	total runoff depth	
for pre dev (25 Yr)	24 hour storm	0.45	total runoff depth	
Direct Runoff (100 Yr)	24 hour storm	2.76	total runoff depth	
for pre dev (100 Yr)	24 hour storm	0.77	total runoff depth	
Post Development				
10-Year Direct Runoff	0.09	acre-ft	4,121	ft3
25-Year Direct Runoff	0.11	acre-ft	4,966	ft3
100-Year Direct Runoff	0.15	acre-ft	6,364	ft3
Pre-Development				
10-Year Direct Runoff	0.01	acre-ft	650	ft3
25-Year Direct Runoff	0.02	acre-ft	1,031	ft3
100-Year Direct Runoff	0.04	acre-ft	1,780	ft3
1275 cu-ft storage provided				



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NIBLEY, UT, 84321

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TOM DICKENSON
PH: 435.767.8848



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401 W ROPELATO DRIVE
NIBLEY, UT 84321

REVISIONS	
NO. 0001	ISSUED FOR PERMITS
NO. 0002	REVISIONS TO PERMITS
NO. 0003	REVISIONS TO PERMITS

Stamp



Drawn By: L. MUMFORD
Date: 1/25/2024
Checked By: M. TAYLOR
Project No: 22-270

Drawing Title

CONSTRUCTION DOCUMENTS

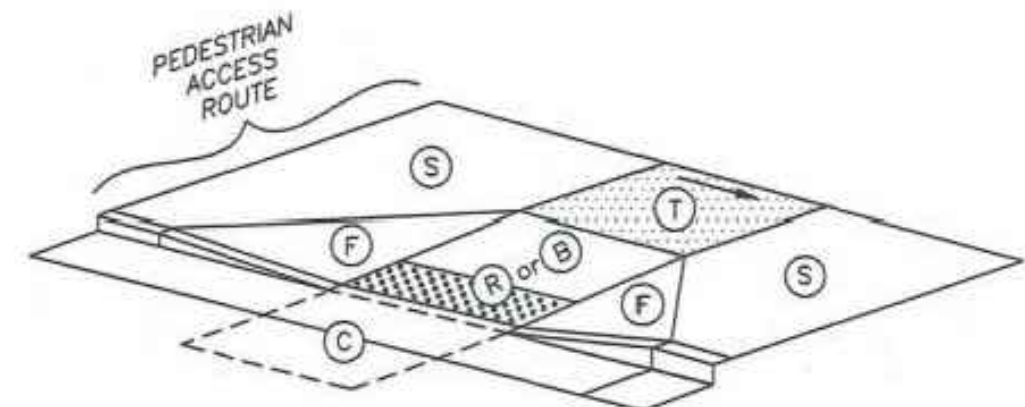
GRADING PLAN

Drawing number

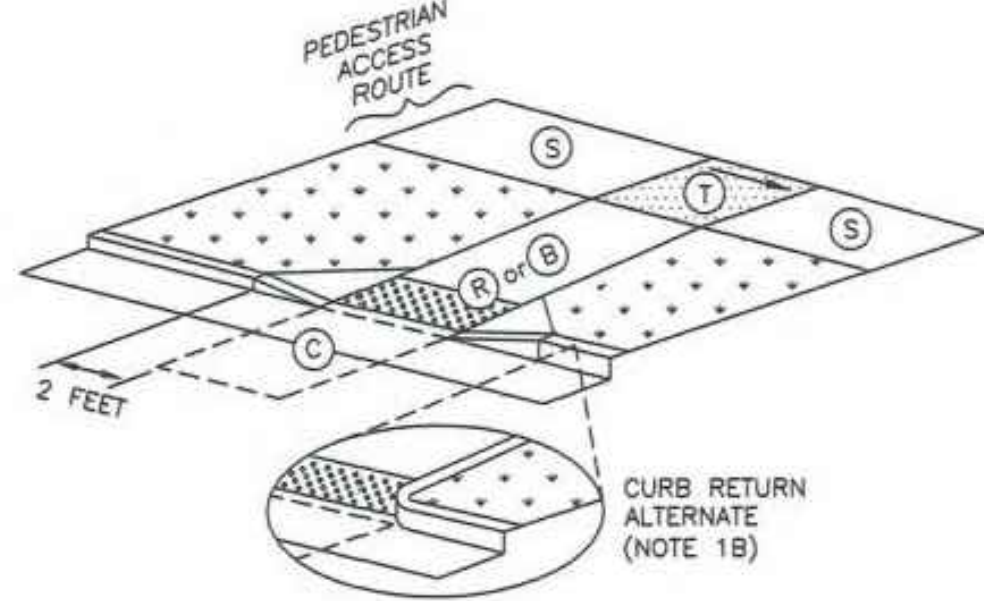
C301

TURNING SPACE AT SIDEWALK LEVEL

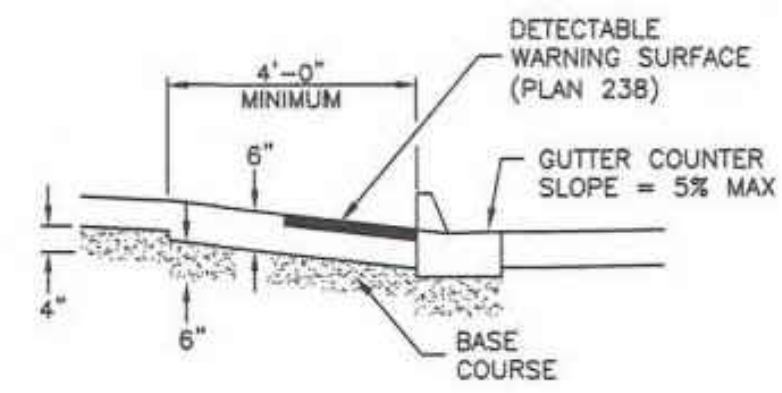
THE LOCATION OF THE PEDESTRIAN ACCESS ROUTE AFFECTS FLARE SLOPE CONSTRUCTION



EXAMPLE 1



EXAMPLE 2



MATERIALS

ELEMENT	DIMENSION
(R) (B)	4 FEET WIDE MINIMUM
(C) (T)	4 FEET SQUARE MINIMUM

WHERE TURNING SPACE IS CONSTRAINED ON 2 SIDES, PROVIDE 5 FEET IN THE DIRECTION OF THE CROSSWALK

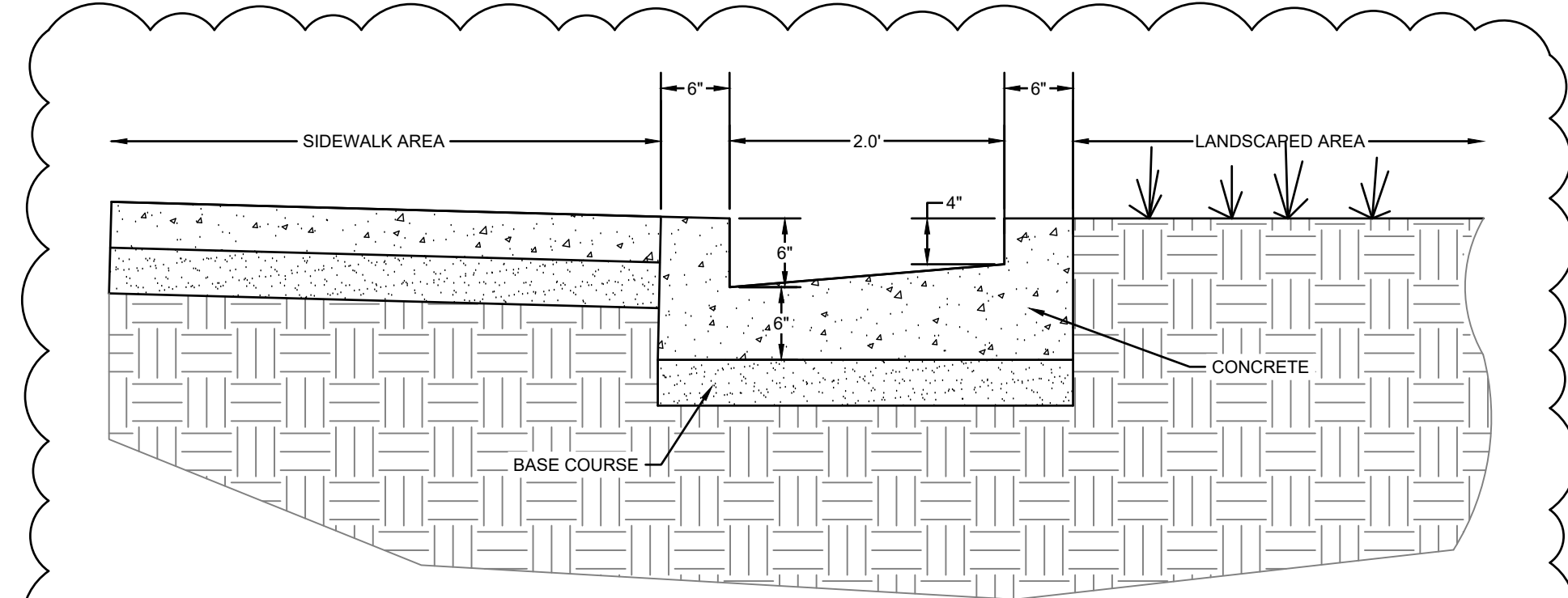
TABLE OF DIMENSIONS

TURNING SPACE (T)	STREET GRADE	RUNNING SLOPE (%) MAXIMUM	CROSS SLOPE (%) MAXIMUM
(R)	STREET GRADE	8.33	2
(B)	5	5	2 (c)
(C)	5	5	2 (c)
(S)	STREET GRADE	STREET GRADE	2
(F)	10	--	--

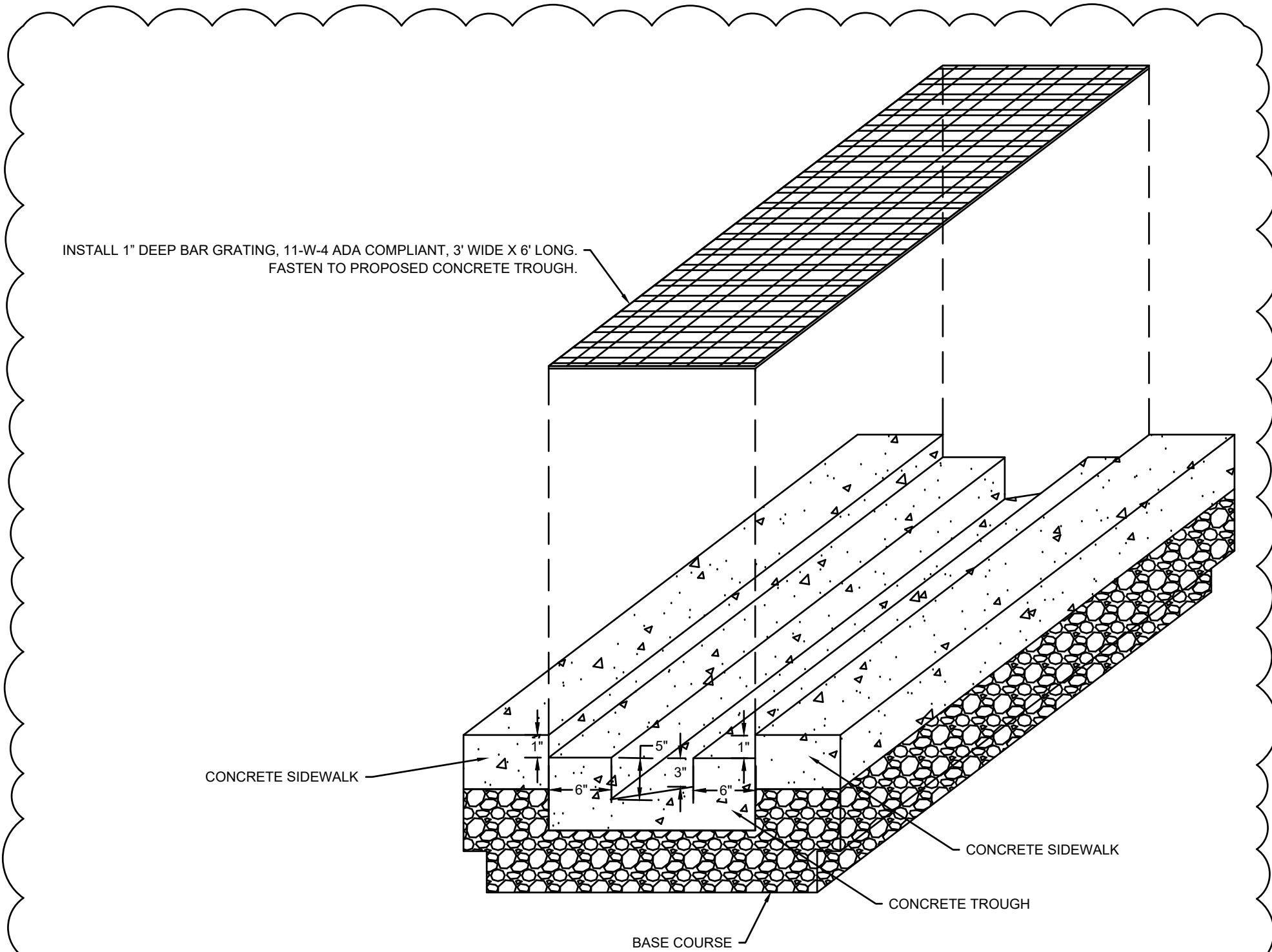
(a) RUNNING SLOPE IS IN THE DIRECTION OF PEDESTRIAN TRAVEL. RUNNING SLOPE OF FLARE IS PARALLEL TO BACK OF CURB
 (b) CROSS SLOPE IS PERPENDICULAR TO DIRECTION OF PEDESTRIAN TRAVEL

SLOPE TABLE

1 PERPENDICULAR ADA RAMP
C504 NOT TO SCALE



2 CONCRETE TROUGH
C504 NOT TO SCALE



3 TRENCH DRAIN
C504 NOT TO SCALE



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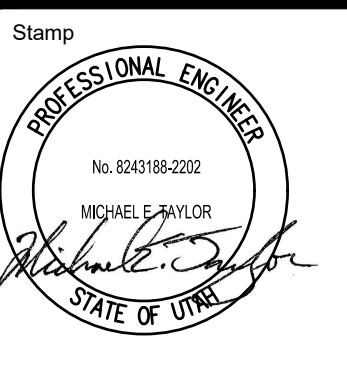
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NO.	DATE	DESCRIPTION
1	1/23/2024	REVISIONS
2	1/23/2024	REVISIONS
3	1/23/2024	REVISIONS



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 Date: 1/23/2024
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 Project No: 22-270

Drawing Title

DETAILS

Drawing number

C504

CONSTRUCTION DOCUMENTS