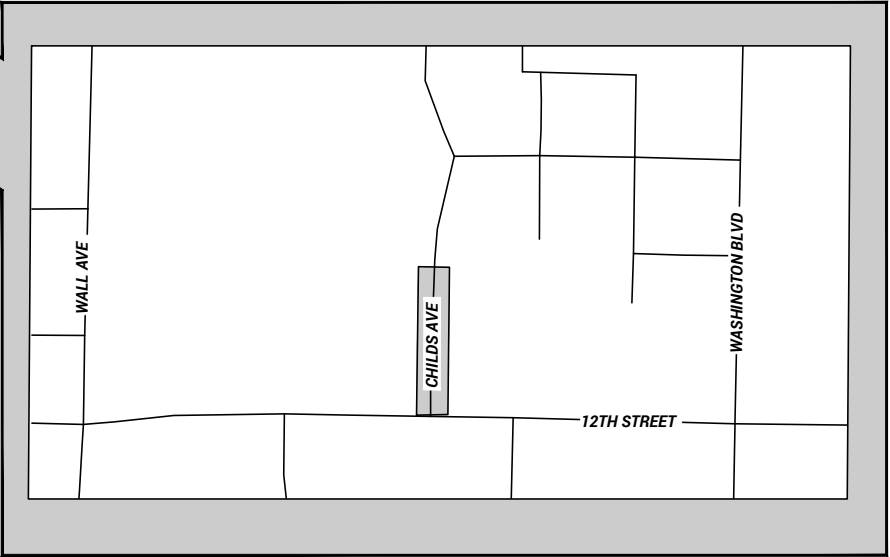


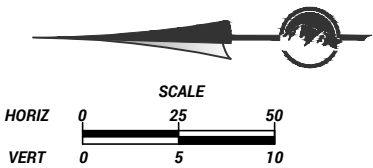
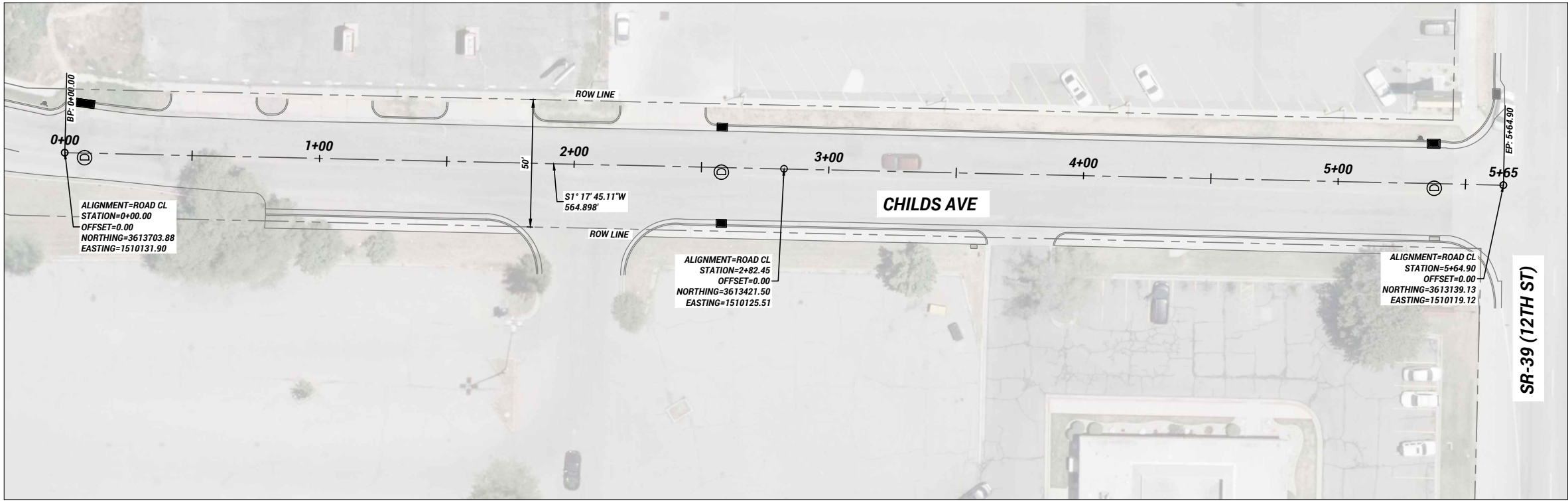
# Ogden City Engineering

## CHILDS AVE & 12TH ST STORM PROJECT

### SHEET INDEX

Pg	TITLE	DESCRIPTION
1	G1	TITLESHEET
2	SC1	SURVEY CONTROL/NOTES
3	SD1	STORM PLAN & PROFILE
4	DT1	DETAILS
5-6	DT2-3	UDOT DETAILS





- NOTES:**
1. THE HORIZONTAL DATUM TO BE USED IS THE NAD 83 STATE PLANE UTAH NORTH ZONE GRID
  2. THE VERTICAL DATUM TO BE USED IS NAVD 88 USING GEOID 12A.

## GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE CURRENT EDITION OF THE "MANUAL OF STANDARD SPECIFICATIONS" AND "MANUAL OF STANDARD PLANS" PREPARED BY THE UTAH CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION AND OGDEN CITY AMENDMENTS TO SUCH STANDARD SPECIFICATIONS AND STANDARD PLANS UNLESS SPECIFIED OTHERWISE.
2. THE CONTRACTOR SHALL FULLY COMPLY WITH THE CONDITIONS OF THE UDOT PERMIT AND/OR OGDEN CITY ORDINANCES, POLICIES, REGULATIONS, SPECIFICATIONS AND STANDARDS RELATIVE TO WORK IN THE PUBLIC WAY AS APPLICABLE.
3. ALL EXISTING VALVES BEING ABANDONED SHALL HAVE SURFACE IMPROVEMENTS (RISER, COVER, AND CONCRETE COLLAR) REMOVED AND SURFACE REPAIRED.
4. ALL PAVING AND RESURFACING SHALL BE COMPLETE WITHIN 3 CALENDAR DAYS FROM THE TIME OF EXCAVATION UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
5. NO BACKFILL SHALL OCCUR UNTIL INSPECTED AND APPROVED.
6. CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL SAFETY REGULATIONS DURING ALL PHASES OF PROJECT.
7. WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE PROSECUTED TO COMPLETION WITH DILIGENCE AND EXPEDITION AND RESTORE THE PUBLIC RIGHT OF WAY TO CITY SPECS WITHOUT DELAY AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND THE PUBLIC.
8. CONTRACTOR IS RESPONSIBLE TO RESTORE ALL LAND WHETHER PUBLIC OWNERSHIP OR PRIVATE OWNERSHIP, TO ITS ORIGINAL STATE.
9. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY CONSTRUCTION FACILITIES, WATER, POWER, SANITATION, AND TELEPHONE SERVICE AS NEEDED.
10. CONTRACTOR IS RESPONSIBLE TO LOCATE ALL EXISTING WATER, SEWER, ELECTRICAL, GAS AND OTHER UTILITY LINES.
11. CONTRACTOR IS RESPONSIBLE TO SUBMIT AS-BUILT DRAWINGS TO THE CITY PRIOR TO FINAL PAYMENT.
12. ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FOLLOWING COMPLETION OF WORK. REASONABLE WEAR EXCEPTED.

## EXCAVATION NOTES

1. EXCAVATED MATERIAL MAY NOT BE USED AS BACKFILL IN THE PIPE ZONE.
2. EXCAVATION SHALL BE DONE IN ACCORDANCE WITH OSHA REQUIREMENTS (LATEST REVISION).
3. TEMPORARY SHORING OF THE EXCAVATION, IF REQUIRED, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

## COORDINATION

1. ALL STORM PIPE MUST BE CLEANED AND CCTV INSPECTED, AND DELIVER CCTV FOOTAGE TO THE CITY PROJECT MANAGER BEFORE ASPHALT IS INSTALLED.
2. IF ANY WATERLINE SHUT DOWNS ARE NEEDED, THEN WE REQUIRE A FIVE WORKING DAYS NOTICE FOR COMMERCIAL AND THREE WORKING DAYS NOTICE FOR RESIDENTIAL. CONTRACTOR IS TO COORDINATE WITH OGDEN CITY FOR SHUT DOWN DATES AND TIMES. CONTRACTOR WILL PROVIDE NOTICES AND OGDEN CITY WATER WILL PERFORM VALVE SHUT DOWNS.
3. APPLICATION FOR INSPECTION BY OGDEN CITY ENGINEERING SHALL BE MADE BY THE CONTRACTOR A MINIMUM OF 24 HOURS BEFORE SERVICES ARE REQUIRED.

## PIPING NOTES

1. CONTRACTOR IS RESPONSIBLE FOR ALL PIPE FABRICATION AND SIZING (RCP CLASS 3 MINIMUM).
2. MINIMUM COVER REQUIRED SHALL BE 48 INCHES IN OGDEN CITY R.O.W.
3. ALL WORK SHALL HAVE 18" MINIMUM CLEARANCE FROM ALL OTHER UTILITIES.
4. ABANDONED STORM PIPES SHALL BE EITHER REMOVED OR CAPPED WITH A CONCRETE PLUG.

## UTILITY LOCATION

THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THESE PLANS IS BASED ON INFORMATION GATHERED FROM UTILITIES AND/OR FROM ABOVE-GROUND STRUCTURES OR EVIDENCE FOUND AT THE TIME OF SURVEY. AS SUCH, THE UNDERGROUND INFORMATION IS A BEST ESTIMATE. OGDEN CITY DOES NOT REPRESENT OR GUARANTEE THAT THE UNDERGROUND INFORMATION PROVIDED IS CORRECT OR UP TO DATE.

IT SHALL BE THE CONTRACTORS FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO PROCEEDING WITH CONSTRUCTION. CALL BLUESTAKES A MINIMUM OF 48 HOURS PRIOR TO BEGINNING ANY DIGGING OR UTILITY WORK.

NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY THE CONTRACTORS ACTIONS.

## UDOT GENERAL NOTES

1. All construction within the UDOT right-of-way shall conform to the most current UDOT standard (including supplemental) drawings and specifications.
2. The contractor is to obtain an encroachment permit from the applicable UDOT Region Permit office prior to commencing work within UDOT right-of-way. Working hour limitations will be listed in the limitations section of the encroachment permit.
3. UDOT reserves the right, at its option, to install a raised median island or restrict the access to a right-in or right-out at any time.
4. Owner, developer, and contractor are responsible for any damages directly or indirectly within the UDOT right-of-way as a result of development activities.
5. Owner, developer, and/or contractor is required to hire an independent company for all testing within the UDOT right-of-way.
6. All signs installed on the UDOT right-of-way must be high intensity grade (Type XI sheeting) with a B3 slip base. Install all signs per UDOT SN series Standard Drawings.
7. Comply with the requirements of Utah Code 17-23-14 (Disturbed Corners – County surveyor to be notified – Coordination with certain state agencies).

## EXCESS MATERIAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL EXCESS OR UNSUITABLE MATERIALS OFF SITE. THIS INCLUDES CLEARED AND GRUBBED MATERIAL, TREES, BRUSH, FENCING, PIPING, CONCRETE OR ANY OTHER MATERIALS THAT CANNOT BE USED IN CONJUNCTION WITH THE PROJECT.
2. THE CONTRACTOR WILL BE RESPONSIBLE TO OBTAIN A SUITABLE SITE FOR DISPOSAL OF EXCESS OR REJECTED MATERIALS.

## CONTACTS

UTILITY COMPANIES:  
BLUE STAKES 800-662-4111  
QUESTAR GAS DAN MACDONALD 801-324-3539  
ROCKY MOUNTAIN POWER CRAIG BRUESTLE 801-629-4430  
UDOT WES EGGLESTON 801-648-8050  
OGDEN CITY:  
OGDEN CITY ENGINEERING PHIL SUITER 801- 629-8971  
WATER TED BULLOCK 801-629-8363  
SEWER BILL SIMPSON 629-8331  
URBAN FORESTER DAMIEN REEVES 801-629-8369  
UDOT:  
GENERAL NUMBER: 801-620-1600

### SURVEY / NOTES

### CHILDS & 12TH ST STORM PROJECT

Childs Ave & 12th St



REV	DATE	DESCRIPTION
0	MM/DD/YY	DESCRIPTION

SC1

SHEET

2

0

REVISION

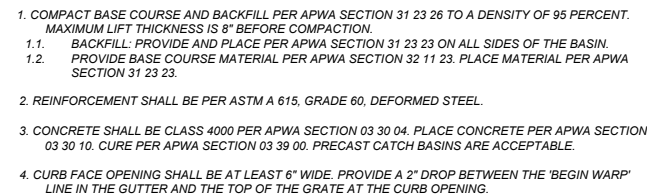


2549 Washington Blvd, Suite 760 Ogden, UT 84401  
Phone: 801-629-8980 engineering.ogden-city.com

PLOT DATE: 3/4/2025 11:03 AM

DRAWING NAME: Childs Avenue - 12th St 2024.dwg





1. COMPACT BACKFILL AND BASE COURSE PER APWA SECTION 31 23 26 TO A DENSITY OF 95 PERCENT OR GREATER. MAXIMUM LIFT THICKNESS BEFORE COMPACTION IS 8" WHEN USING RIDING AND 6" WHEN USING HAND COMPACTION EQUIPMENT.
  - 1.1. BACKFILL: PROVIDE AND PLACE PER APWA SECTION 31 23 23 ON ALL SIDES OF THE BASIN.
  - 1.2. PROVIDE UNTREATED BASE COURSE MATERIAL PER APWA SECTION 32 11 23. PLACE MATERIAL PER APWA SECTION 31 23 23.
  - 1.3. SEWER ROCK (ASTM No. 4) WITH SEPARATION FABRIC IS ACCEPTABLE FOR MANHOLE BEDDING.
2. REINFORCEMENT SHALL BE PER ASTM A 615, GRADE 60, DEFORMED STEEL. REFER TO APWA 03 20 00.
3. CONCRETE SHALL BE PER CLASS 4000 PER APWA SECTION 03 30 04. PLACE CONCRETE PER APWA SECTION 03 30 10. CURE PER APWA SECTION 03 39 00.
4. STATIONING AND ELEVATIONS SHOWN ON THE DRAWING SHOULD MATCH THE CENTERLINE OF THE MANHOLE.
  - 4.1. INV IN: (FLOW LINE IN) ELEVATION APPLIES TO THE POINT OF INTERSECTION OF THE INLET PIPE INVERT AND THE MANHOLE WALL.
  - 4.2. INV OUT: (FLOW LINE OUT) ELEVATION APPLIES TO THE POINT OF INTERSECTION OF THE OUTLET PIPE INVERT AND THE MANHOLE WALL.
5. LOW PROFILE MANHOLE LIDS WILL NOT BE ALLOWED IN ANY OGDEN CITY RIGHT OF WAY.
5. LADDER RUNGS ARE REQUIRED IN ALL BOXES. SEE SS-6 FOR TYPICAL MANHOLE STEP REQUIREMENTS.
6. GROUT ALL PIPE OPENINGS WITH 2:1 SAND/CEMENT MORTAR.
7. PLACE FLEXIBLE GASKET-TYPE SEALANT IN ALL MANHOLE JOINTS. SEAL MUST MEET THE REQUIREMENTS OF SS-S-00210 (210A), AASHTO M-198, AND ASTM C990.
9. PRECAST CONCRETE WALLS MUST BE A MINIMUM OF 5" THICK.
9. CAST-IN-PLACE CONCRETE MUST BE A MINIMUM OF 8" THICK.
10. THE INSTALLED PIPE SHALL BE PLACED SUCH THAT THE HORIZONTAL INSIDE DIAMETER OF THE PIPE INTERSECTS THE INSIDE FACE OF THE RISER.
11. PROVIDE A SMOOTH AND NEAT FINISH ON THE INTERIOR OF THE CONES, SHAFT, RINGS, AND FLOOR. IMPERFECT MOLDINGS OR HONEYCOMBS WILL NOT BE ACCEPTED.

1. CASTING: GREY IRON CLASS 35 MINIMUM PER ASTM A 48.
2. COATINGS: EXCEPT MACHINED SURFACES, COAT ALL METAL PARTS WITH ASPHALTUM PAINT.
3. USE STAINLESS STEEL BOLTS, NUTS, AND WASHERS.
4. SEE SD-1 FOR INLET BOX DETAILS.

1. CONTACT THE OGDEN CITY STORM WATER DIVISION FOR DETAILS AND ORDERING INFORMATION FOR SEWER LID AND FRAME (801) 629-8331.
2. LOW PROFILE LIDS WILL NOT BE ALLOWED IN ANY OGDEN CITY RIGHT OF WAY.
3. CASTINGS: GREY IRON CLASS 35 MINIMUM PER ASTM A 48.
4. COATINGS: EXCEPT MACHINED SURFACES, COAT ALL METAL PARTS
5. HEAT NUMBER: PLACE FOUNDRY AND HEAT NUMBER ON THE INSIDE OF THE FRAME AND ON THE BOTTOM OF THE COVER.
6. SEE SD-3 FOR COMBINATION INLET / CLEANOUT BOX, SD-4 FOR STORM DRAIN MANHOLE DETAILS.

COLLAR SHALL BE BATCHED, CLASS 4000 CONCRETE WITH MICROFIBER MESH ADDITIVE. COLLAR THICKNESS SHALL EXTEND FROM THE TOP OF THE FRAME/COVER TO THE TOP OF THE MANHOLE LID.

1. DO NOT USE SEWER ROCK OR RECYCLED FILL MATERIAL IN THE PIPE ZONE WITHOUT THE APPROVAL OF THE CITY ENGINEER. IF MANUFACTURER RECOMMENDS ANYTHING CONTRARY TO WHAT IS LISTED BELOW, CONSULT WITH THE ENGINEERING DEPARTMENT.
  - 1.1. HAUNCHING/BEDDING: AGGREGATE BASE COURSE (UTBC) PER 32 11 23.
  - 1.1.1. WATER JETTING IS NOT ALLOWED.
  - 1.1.2. SUBVERSION OF COMPACTION TEST DATA FOR THE HAUNCHING AREAS MAY BE REQUESTED AT ANY TIME.
  - 1.2. BACKFILL (ABOVE THE PIPE ZONE): IMPORT STRUCTURAL FILL (3" MINUS PER APWA 31 05 13 OR UTBC PER 32 11 23)
  - 1.2.1. COMPACT PER SECTION 31 23 26 TO A DENSITY OF 95 PERCENT OR GREATER. MAXIMUM LIFT THICKNESS BEFORE COMPACTION IS 8" WHEN USING RIGIDS AND 6" WHEN USING HAND COMPACTION EQUIPMENT.
2. PIPE ZONE WIDTH IS RECOMMENDED BY THE MANUFACTURER OF THE PIPE. WIDTH OF PIPE ZONE IS MEASURED AT THE PIPE SPRING LINE AND INCLUDES ANY NECESSARY SHEATHING. FOLLOW MANUFACTURE RECOMMENDATIONS FOR ANY TRENCH BOX APPLICATIONS.
3. INSTALL THE PIPE IN THE CENTER OF THE TRENCH. THE EDGE OF THE PIPE WALL SHALL BE A MINIMUM DISTANCE OF 12" FROM THE TRENCH WALL.
4. PEA GRAVEL (GRAVEL WITH NOMINAL SIZE LESS THAN 3/4") IS NOT ALLOWED IN ANY PART OF THE TRENCH.
5. FOUNDATION STABILIZATION REQUIRES SEWER ROCK PER APWA SECTION 31 05 13.
  - 5.1. INSTALLATION OF STABILIZATION-SEPARATION GEOTEXTILE PER APWA SECTION 31 05 19 WILL BE REQUIRED TO SEPARATE BACKFILL MATERIAL AND NATIVE SUBGRADE MATERIAL IF SEWER ROCK CANNOT PROVIDE A WORKING SURFACE OR PREVENT SOIL MIGRATION.

**2549 Washington Blvd, Suite 760 Ogden, UT 84401**  
**Phone: 801-629-8980 [engineering.ogdency.com](http://engineering.ogdency.com)**

**CROSSING SLOPES DETAIL**  
CONFIGURATIONS SHOWN ARE EXAMPLES ONLY

**DESIGN NOTES APPLICABLE TO PA SERIES:**

- CONVENTIONAL INDUSTRY TOLERANCES DO NOT APPLY TO DESIGN WORK. (PROWAG ADVICE R101.)
- B. PROVIDE A NO PEDESTRIAN (R-2) SIGN AND A USE CROWDSWALK (R-38R) PLaque (L OR R) IF PEDESTRIAN CROSSING IS PROHIBITED AT UNMARKED CROWDSWALKS. (PROWAG R200) (SEE S21 DWG P.5 DETAIL B.)
- C. ON A SINGLE DIAGONAL CORNER (APEX) RAMP IS PERMITTED TO SERVE BOTH PEDESTRIAN CROSSINGS BETWEEN EXISTING PEDESTRIAN CROSSINGS. PROVIDE A NO PEDESTRIAN SIGN AND A USE CROWDSWALK SIGN AT EACH CORNER AND AT EACH PEDESTRIAN CROSSING. (PROWAG R202) USE OF A SINGLE DIAGONAL RAMP IS DISCOURAGED AND IS ONLY TO BE USED AT THE APPROVAL OF THE REGIONAL PLANNING COMMISSION.
- D. ONLY A (6.0 FT) PORTION OF THE SIDEWALK IS REQUIRED TO COMPLY WITH THE REQUIREMENTS LISTED HEREIN WHERE SIDEWALKS ARE WIDER THAN 4.0 FT. (PROWAG ADVICE R303.2.)
- E. PROVIDE A FIRM, STABLE, AND SLIP RESISTANT SURFACE FOR ALL PEDESTRIAN ACCESS ROUTES. (PROWAG R303.2.)

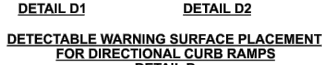
1. INFORMATION PROVIDED IS BY REFERENCE FROM THE UNITED STATES ACCESS BOARD DOCUMENT "PROPOSED ACCESSIBILITY GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT-OF-WAY" (PROWAG).
2. THE USE OF ALTERNATIVE DESIGNS, PRODUCTS, OR TECHNOLOGIES THAT MEET OR EXCEED THE REQUIREMENTS SHOWN IS PERMITTED. (PROWAG R101)
3. PROVIDE AN ALTERNATE PEDESTRIAN ACCESS ROUTE COMPLYING WITH SECTIONS 611, 61.02, AND 61.05 OF THE MUTCD WHEN A PEDESTRIAN CIRCULATION PATH IS TEMPORARILY CLOSED. COMPLY WITH SECTIONS 6F.63, 6F.68, AND 6F.71 OF THE MUTCD WHEN TEMPORARILY CLOSING A PEDESTRIAN ACCESS ROUTE. ALTERNATE ROUTES AND CLOSURES ARE PROVIDED. (PROWAG R105)
4. CONNECT THE PEDESTRIAN ACCESS ROUTES AT EACH PEDESTRIAN STREET CROSSING WITH A CURB RAMP, AT-GRADE ACCESS, OR A COMBINATION OF CURB RAMPS AND AT-GRADE ACCESS. (PROWAG R207.1)
5. LOCATE THE CURB RAMP (EXCLUDING FLARED SIDES) ON AT-GRADE ACCESS COMPLETELY WITHIN THE CROSSWALK. (PROWAG R207.1)
6. CONSTRUCT ALL GRADE BREAKS TO BE FLUSH (PROWAG R302.7.1) PREVENT OR CORRECT ANY VERTICAL DIFFERENCES IN SURFACES GREATER THAN 0.5 IN. BEVEL VERTICAL DIFFERENCES BETWEEN 0.5 IN. AND 0.5 IN. WITH A SLOPE NOT STEEPER THAN 2H:1V ACROSS THE ENTIRE VERTICAL DIFFERENCE. (PROWAG R302.7.2) (SEE DETAIL ABOVE)
7. CONSTRUCT GRADE BREAKS AT THE TOP AND BOTTOM OF CURB RAMP RUNS PERPENDICULAR TO THE DIRECTION OF THE RAMP RUN DO NOT PLACE GRADE BREAKS ON THE SURFACES OF RAMP RUNS AND TURNING SPACES. (PROWAG R304.5.2)
8. SITE CONDITIONS MAY VARY. CONFIGURATION OF RAMP, AT-GRADE ACCESS, TURNING SPACE, AND CLEAR SPACE MAY BE ALTERED, BUT THEY MUST MEET DIMENSIONS AND SLOPES SHOWN HERE. THE USE OF ITEMS SUCH AS FLARES AND CURBWALLS ARE AT THE USER'S DISCRETION. (PROWAG R304.5.3)
9. DO NOT USE DIRECTIONAL CUES WHEN PEDESTRIANS CAN APPROACH THE DETECTABLE WARNING SURFACE FROM MORE THAN ONE DIRECTION.
10. CONSTRUCT ALL PEDESTRIAN ACCESS ROUTE ELEMENTS SO MAXIMUM OR MINIMUM VALUES ARE NOT EXCEEDED.
11. PROVIDE TOOLED JOINTS ON ALL GRADE BREAKS.

## 2025 Standard Drawing



**DETAIL D**  
SEE NOTES 4 AND 5

**DETAIL D**  
SEE NOTES 4 AND 5



**NOTES:**

- [illegible]

DESIGNED	PJS	DATE
DRAWN	PJS	DATE
CHECKED		

**DRAWING SCALE**

**H:** 1" = 25' (22x34)  
 1" = 50' (11x17)

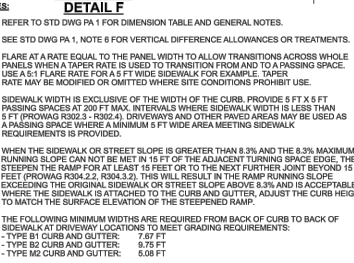
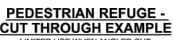
**V:** 1" = 5' (22x34)  
 1" = 10' (11x17)

This bar measures exactly one inch on the original drawing



**PASSING SPACE**

### DETAIL C

[illegible]

LIMITED USE WHEN ANGLED CUT  
THROUGH CAN NOT BE PLACED

\* MIN LENGTHS ASSUME 2%  
SIDEWALK/PARKSTRIP CROSS SLOPE

- NOTES:**

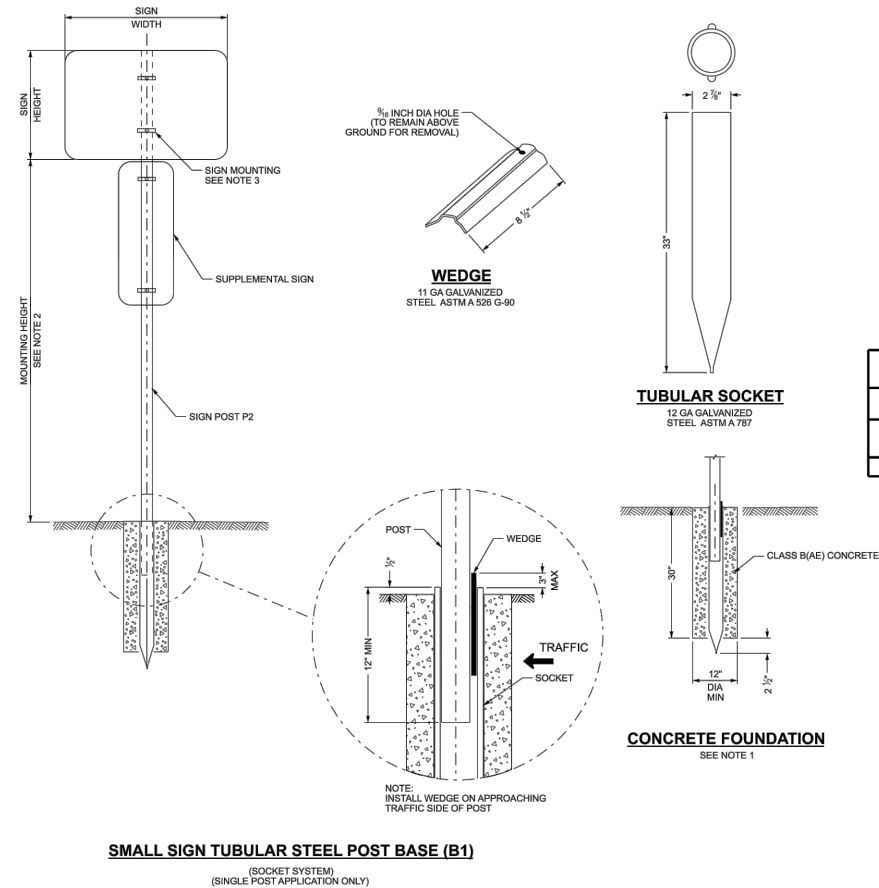
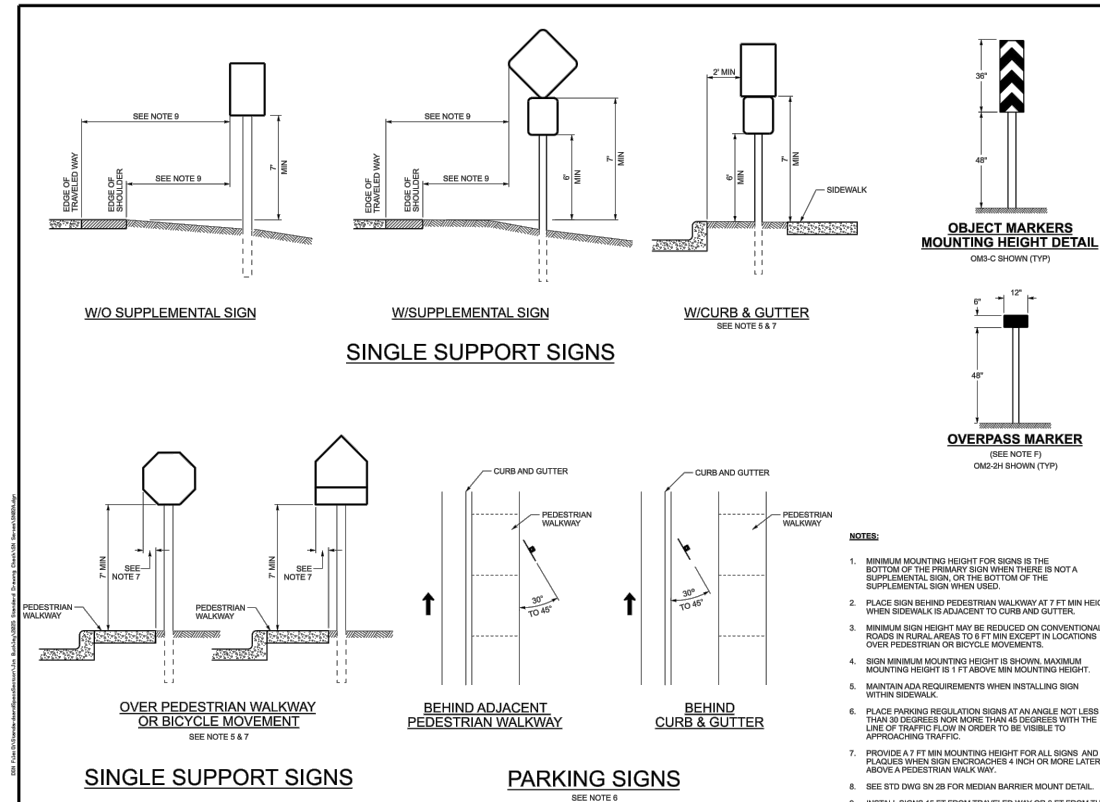
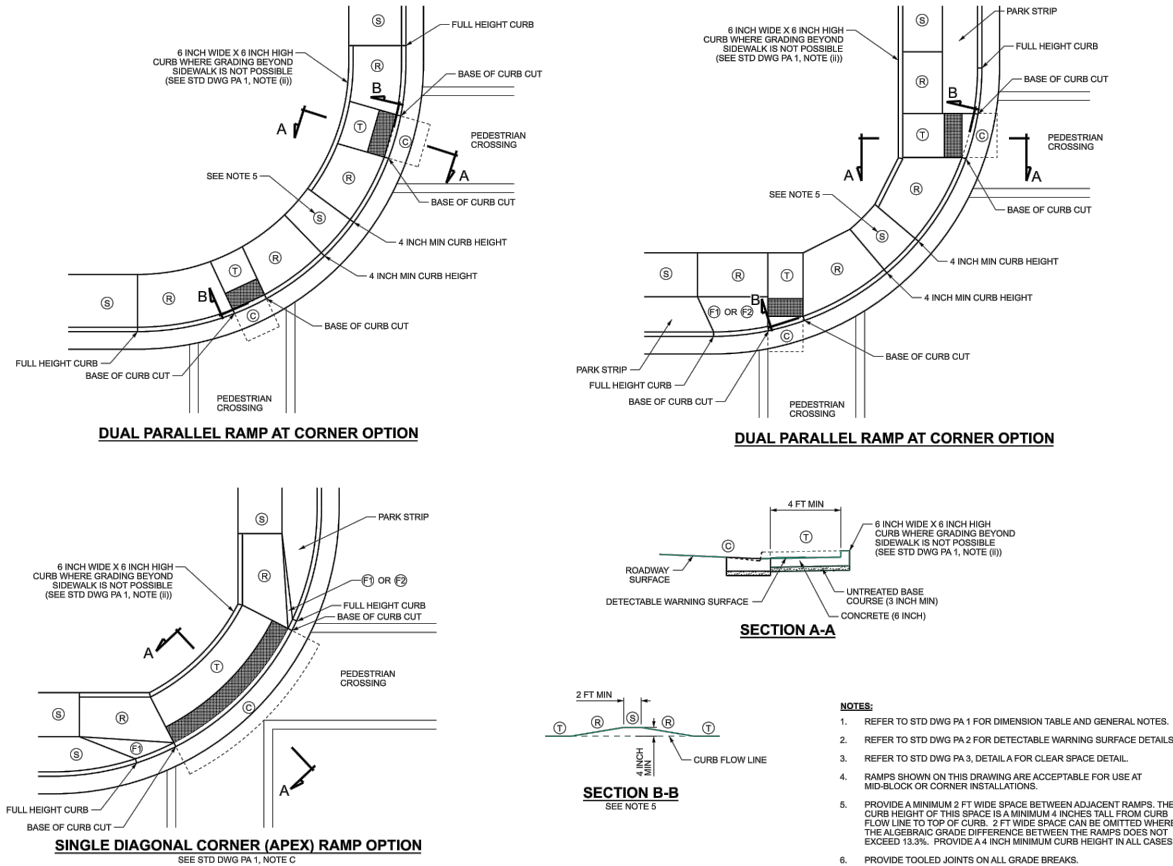
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|---|--|---|--|
| STD. DWG. NO.   |  | PA 4  |  |
| PERPENDICULAR AND<br>MEDIAN REFUGE<br>PEDESTRIAN ACCESS |  | STANDARD DRAWING TITLE<br>2025 Standard Drawing<br>STANDARD DRAWING EDITION<br>STANDARD DRAWING OF UTAH DEPARTMENT OF TRANSPORTATION<br>STANDARD DRAWINGS FOR MEDIAN AND MEDIAN-USE CONSTRUCTION<br>SALT LAKE CITY, UTAH  |  |
|   |  | REVISIONS<br>NO. DATE BY<br>1 08/01/2025 JLM<br>2 08/01/2025 JLM<br>3 08/01/2025 JLM<br>4 08/01/2025 JLM<br>5 08/01/2025 JLM<br>6 08/01/2025 JLM<br>7 08/01/2025 JLM<br>8 08/01/2025 JLM<br>9 08/01/2025 JLM<br>10 08/01/2025 JLM<br>11 08/01/2025 JLM<br>12 08/01/2025 JLM<br>13 08/01/2025 JLM<br>14 08/01/2025 JLM<br>15 08/01/2025 JLM<br>16 08/01/2025 JLM<br>17 08/01/2025 JLM<br>18 08/01/2025 JLM<br>19 08/01/2025 JLM<br>20 08/01/2025 JLM<br>21 08/01/2025 JLM<br>22 08/01/2025 JLM<br>23 08/01/2025 JLM<br>24 08/01/2025 JLM<br>25 08/01/2025 JLM<br>26 08/01/2025 JLM<br>27 08/01/2025 JLM<br>28 08/01/2025 JLM<br>29 08/01/2025 JLM<br>30 08/01/2025 JLM<br>31 08/01/2025 JLM<br>32 08/01/2025 JLM<br>33 08/01/2025 JLM<br>34 08/01/2025 JLM<br>35 08/01/2025 JLM<br>36 08/01/2025 JLM<br>37 08/01/2025 JLM<br>38 08/01/2025 JLM<br>39 08/01/2025 JLM<br>40 08/01/2025 JLM<br>41 08/01/2025 JLM<br>42 08/01/2025 JLM<br>43 08/01/2025 JLM<br>44 08/01/2025 JLM<br>45 08/01/2025 JLM<br>46 08/01/2025 JLM<br>47 08/01/2025 JLM<br>48 08/01/2025 JLM<br>49 08/01/2025 JLM<br>50 08/01/2025 JLM<br>51 08/01/2025 JLM<br>52 08/01/2025 JLM<br>53 08/01/2025 JLM<br>54 08/01/2025 JLM<br>55 08/01/2025 JLM<br>56 08/01/2025 JLM<br>57 08/01/2025 JLM<br>58 08/01/2025 JLM<br>59 08/01/2025 JLM<br>60 08/01/2025 JLM<br>61 08/01/2025 JLM<br>62 08/01/2025 JLM<br>63 08/01/2025 JLM<br>64 08/01/2025 JLM<br>65 08/01/2025 JLM<br>66 08/01/2025 JLM<br>67 08/01/2025 JLM<br>68 08/01/2025 JLM<br>69 08/01/2025 JLM<br>70 08/01/2025 JLM<br>71 08/01/2025 JLM<br>72 08/01/2025 JLM<br>73 08/01/2025 JLM<br>74 08/01/2025 JLM<br>75 08/01/2025 JLM<br>76 08/01/2025 JLM<br>77 08/01/2025 JLM<br>78 08/01/2025 JLM<br>79 08/01/2025 JLM<br>80 08/01/2025 JLM<br>81 08/01/2025 JLM<br>82 08/01/2025 JLM<br>83 08/01/2025 JLM<br>84 08/01/2025 JLM<br>85 08/01/2025 JLM<br>86 08/01/2025 JLM<br>87 08/01/2025 JLM<br>88 08/01/2025 JLM<br>89 08/01/2025 JLM<br>90 08/01/2025 JLM<br>91 08/01/2025 JLM<br>92 08/01/2025 JLM<br>93 08/01/2025 JLM<br>94 08/01/2025 JLM<br>95 08/01/2025 JLM<br>96 08/01/2025 JLM<br>97 08/01/2025 JLM<br>98 08/01/2025 JLM<br>99 08/01/2025 JLM<br>100 08/01/2025 JLM<br>101 08/01/2025 JLM<br>102 08/01/2025 JLM<br>103 08/01/2025 JLM<br>104 08/01/2025 JLM<br>105 08/01/2025 JLM<br>106 08/01/2025 JLM<br>107 08/01/2025 JLM<br>108 08/01/2025 JLM<br>109 08/01/2025 JLM<br>110 08/01/2025 JLM<br>111 08/01/2025 JLM<br>112 08/01/2025 JLM<br>113 08/01/2025 JLM<br>114 08/01/2025 JLM<br>115 08/01/2025 JLM<br>116 08/01/2025 JLM<br>117 08/01/2025 JLM<br>118 08/01/2025 JLM<br>119 08/01/2025 JLM<br>120 08/01/2025 JLM<br>121 08/01/2025 JLM<br>122 08/01/2025 JLM<br>123 08/01/2025 JLM<br>124 08/01/2025 JLM<br>125 08/01/2025 JLM<br>126 08/01/2025 JLM<br>127 08/01/2025 JLM<br>128 08/01/2025 JLM<br>129 08/01/2025 JLM<br>130 08/01/2025 JLM<br>131 08/01/2025 JLM<br>132 08/01/2025 JLM<br>133 08/01/2025 JLM<br>134 08/01/2025 JLM<br>135 08/01/2025 JLM<br>136 08/01/2025 JLM<br>137 08/01/2025 JLM<br>138 08/01/2025 JLM<br>139 08/01/2025 JLM<br>140 08/01/2025 JLM<br>141 08/01/2025 JLM<br>142 08/01/2025 JLM<br>143 08/01/2025 JLM<br>144 08/01/2025 JLM<br>145 08/01/2025 JLM<br>146 08/01/2025 JLM<br>147 08/01/2025 JLM<br>148 08/01/2025 JLM<br>149 08/01/2025 JLM<br>150 08/01/2025 JLM<br>151 08/01/2025 JLM<br>152 08/01/2025 JLM<br>153 08/01/2025 JLM<br>154 08/01/2025 JLM<br>155 08/01/2025 JLM<br>156 08/01/2025 JLM<br>157 08/01/2025 JLM<br>158 08/01/2025 JLM<br>159 08/01/2025 JLM<br>160 08/01/2025 JLM<br>161 08/01/2025 JLM<br>162 08/01/2025 JLM<br>163 08/01/2025 JLM<br>164 08/01/2025 JLM<br>165 08/01/2025 JLM<br>166 08/01/2025 JLM<br>167 08/01/2025 JLM<br>168 08/01/2025 JLM<br>169 08/01/2025 JLM<br>170 08/01/2025 JLM<br>171 08/01/2025 JLM<br>172 08/01/2025 JLM<br>173 08/01/2025 JLM<br>174 08/01/2025 JLM<br>175 08/01/2025 JLM<br>176 08/01/2025 JLM<br>177 08/01/2025 JLM<br>178 08/01/2025 JLM<br>179 08/01/2025 JLM<br>180 08/01/2025 JLM<br>181 08/01/2025 JLM<br>182 08/01/2025 JLM<br>183 08/01/2025 JLM<br>184 08/01/2025 JLM<br>185 08/01/2025 JLM<br>186 08/01/2025 JLM<br>187 08/01/2025 JLM<br>188 08/01/2025 JLM<br>189 08/01/2025 JLM<br>190 08/01/2025 JLM<br>191 08/01/2025 JLM<br>1 |  |

STD. DWG. NO.  
PA 4

**Ogden** UTAH  
*Still Untamed™*  
2549 Washington Blvd, Suite 760 Ogden, UT 84400  
Phone: 801-629-8980 [engineering.ogdenity.com](http://engineering.ogdenity.com)

**2549 Washington Blvd, Suite 760 Ogden, UT 84401**  
**Phone: 801-629-8980 [engineering.ogdency.com](http://engineering.ogdency.com)**

LOT DATE: 3/4/2025 11:03 AM



POST SELECTION GUIDE					
SIGN WIDTH (FT.)					
		1	2	2.5	3
SIGN HEIGHT(FT.)	1	P2	P2	P2	P2
	2	P2	P2	P2	P2
	2.5	P2	P2	P2	P2
	3	P2	P2	P2	P2
	4	P2	P2	P2	P2

POST DETAIL CHART (SINGLE POST ONLY)			
POST TYPE	OUTSIDE DIAMETER	WALL THICKNESS	MATERIAL AND COATING REQUIREMENTS
P2 **	2 3/8 INCH	0.095 INCH (13 GAUGE)	SEE SECTION 02891

\*\*DO NOT USE "T" OR "U" BRACKET ON P2 POSTS.

- NOTES:**
1. CONCRETE FOUNDATION REQUIRED IN ALL INSTALLATIONS.
  2. REFER TO SM 2 SERIES STD DWGS FOR MOUNTING HEIGHT AND OFFSET REQUIREMENTS.
  3. REFER TO STD DWG SM 6 FOR SIGN MOUNTING REQUIREMENTS.
  4. ALLOW FOR 7 DAY CURE TIME BEFORE INSTALLING SIGN POST.
- PRE-PUNCH POST WITH  $\frac{3}{8}$  INCH HOLES, MOUNT SIGN DIRECTLY TO POST OR USE MOUNTING CLAMP SHOWN ON SM 3B. SPACING OF HOLES FROM TOP IN INCHES ARE AS FOLLOWS:
- 1, 3, 10, 16, 21, 23, 24, 27, 33, 37, 39, AND 45

[illegible]

UTAH DEPARTMENT OF TRANSPORTATION  
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION  
SALT LAKE CITY, UTAH  
STANDARD DRAWING EDITION  
**2025 Standard Drawing**

STD. DWG. NO. SN 9

DESIGNED	▲	PJS	DATE
DRAWN	▲	PJS	DATE
CHECKED	▲		

**DRAWING SCALE**

**H:** 1" = 25' (22x34)  
 1" = 50' (11x17)

**V:** 1" = 5' (22x34)  
 1" = 10' (11x17)

This bar measures exactly one inch on the original drawing

[illegible]

DT3	0	REVISION
SHEET	6	



**UDOT DETAIL**  
**CHILDS & 12TH ST STORM PROJECT**  
Childs Ave & 12th St

**PLOT DATE:** 4/8/2025 3:05 PM

**DRAWING NAME:** Childs Avenue - 12th St 2024.dwg

**Ogden** UTAH  
*Still Untamed™*  
5549 Washington Blvd, Suite 760 Ogden, UT 84403  
Phone: 801-629-8980 [engineering.ogdenity.com](http://engineering.ogdenity.com)