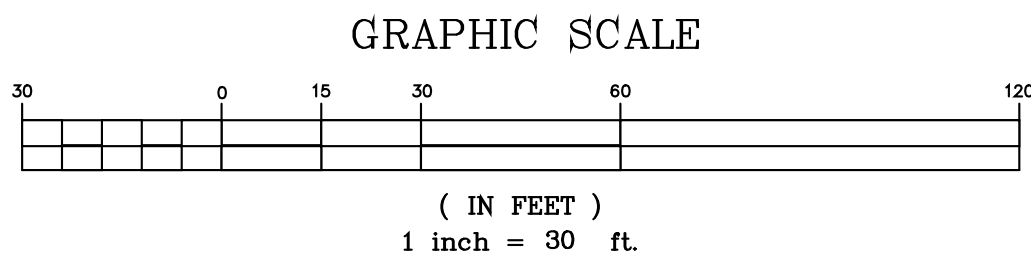


# SITE PLAN - ACCURITE INC.

A PART OF THE SOUTHEAST QUARTER OF SECTION 36  
TOWNSHIP 6 NORTH, RANGE 2 WEST  
SALT LAKE BASE AND MERIDIAN.  
WEBER COUNTY, UTAH  
MAY, 2018



## STORM WATER FACILITIES LEGEND

P-1	PLACE 105' OF 12" PVC SDR-35 @ 0.50% SL.
CB-1	PLACE 18"x48" CATCH BASIN W/GRATE FL= 4314.52
P-2	PLACE 85' OF 12" PVC SDR-35 @ 0.20% SL.
CB-2	PLACE 18"x48" CATCH BASIN W/GRATE FL= 4314.95
P-3	PLACE 85' OF 12" PVC SDR-35 @ 0.20% SL.
CB-3	PLACE 18"x48" CATCH BASIN W/GRATE FL= 4315.37

## Orifice Calculator

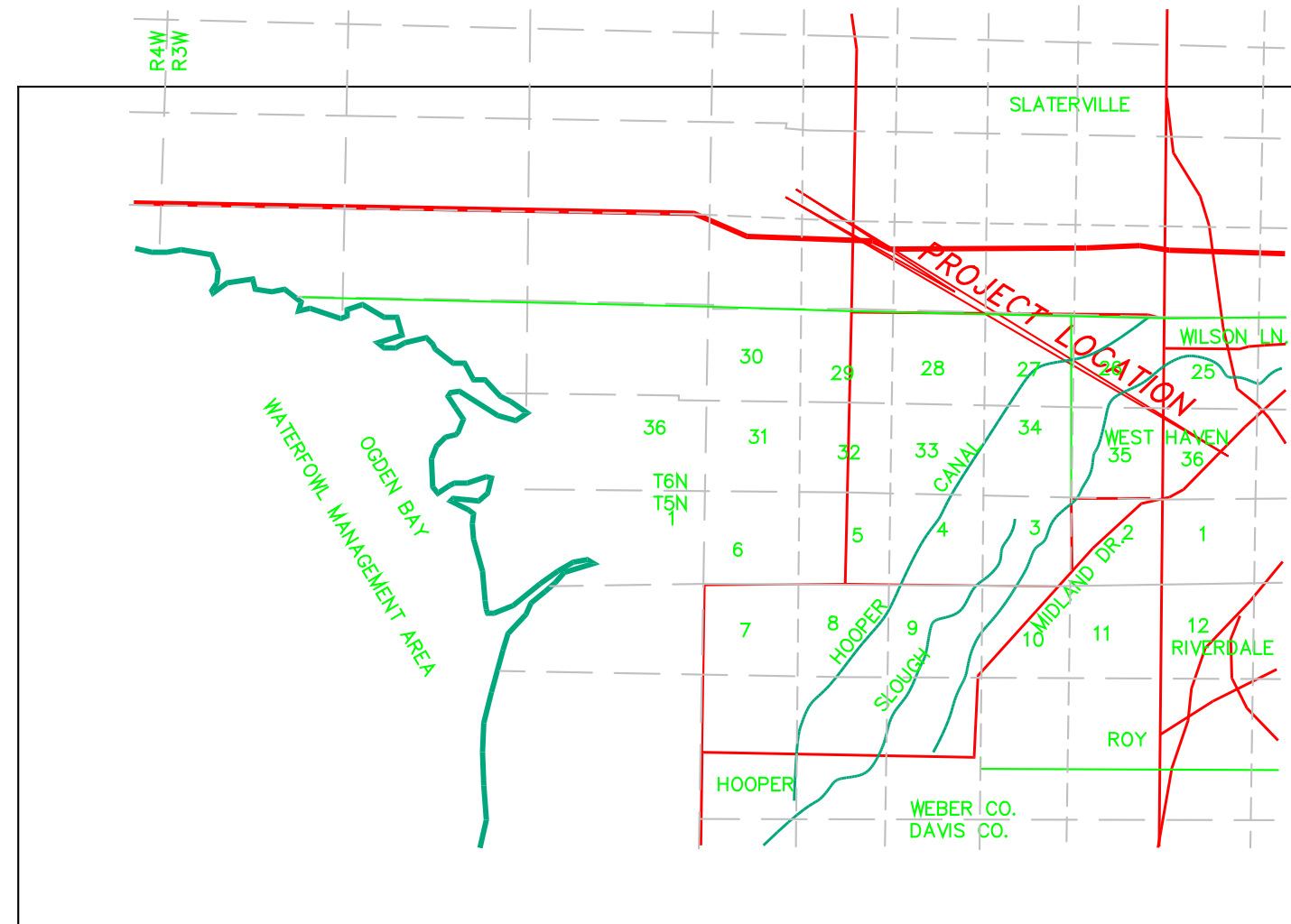
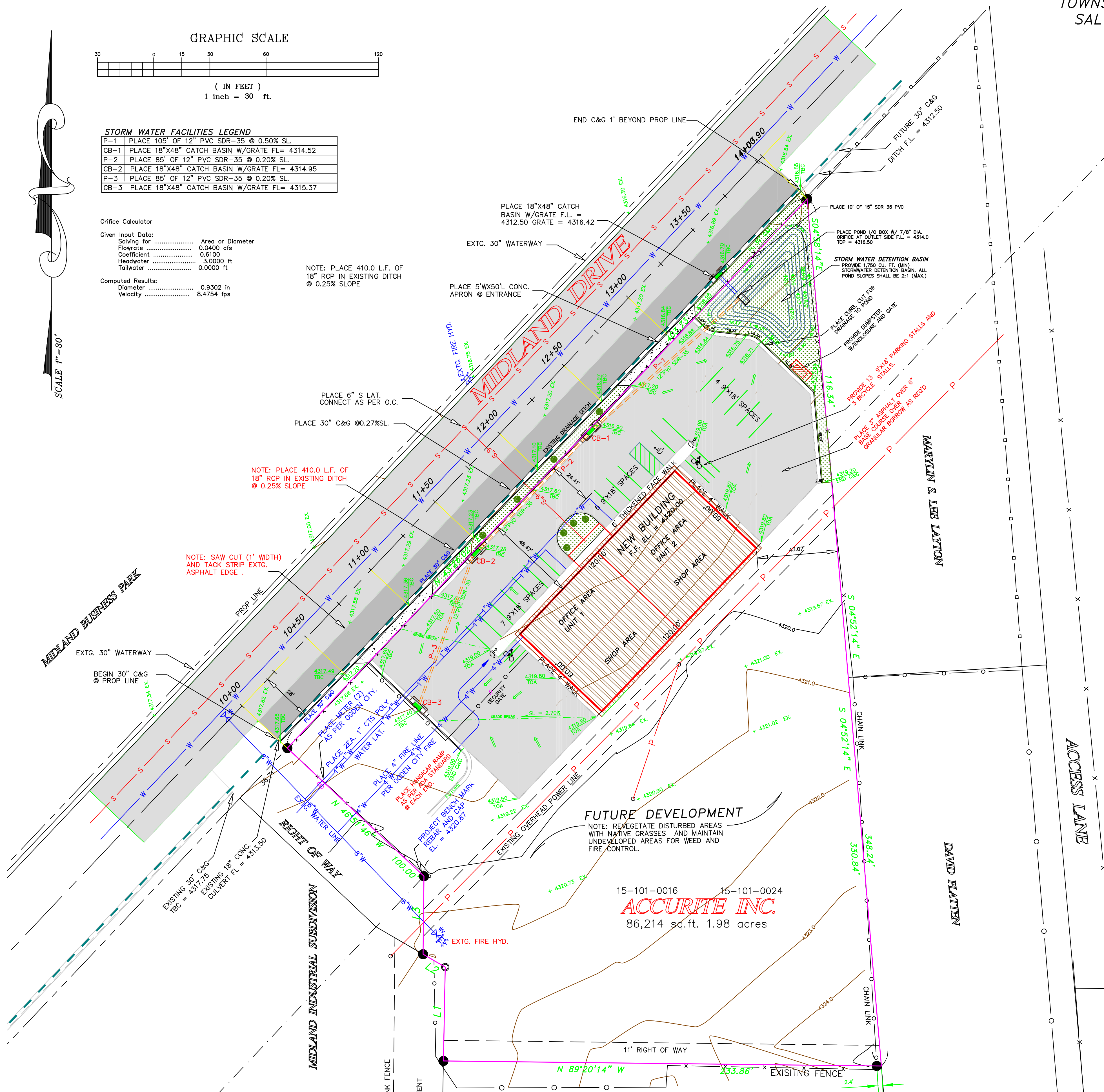
Given Input Data:	
Solving for	Area or Diameter
Flowrate	0.0400 cfs
Coefficient	0.6100
Headwater	3.0000 ft
Tailwater	0.0000 ft

Computed Results:	
Diameter	0.9302 in
Velocity	8.4754 fps

NOTE: PLACE 410.0 L.F. OF  
18" RCP IN EXISTING DITCH  
@ 0.25% SLOPE

NOTE: PLACE 410.0 L.F. OF  
18" RCP IN EXISTING DITCH  
@ 0.25% SLOPE

NOTE: SAW CUT (1' WIDTH)  
AND TACK STRIP EXTG.  
ASPHALT EDGE



VICINITY MAP

## SITE PLAN NOTES:

IF A LAND DRAIN HAS BEEN INSTALLED TO THE LOT, IT SHALL EXTEND TO THE BUILDING AND CONNECT TO A FOOTING DRAINAGE SYSTEM (I.R.C. R405.1)

INSURE 5% SLOPE (6" VERTICAL IN 10' HORIZONTAL) AWAY FROM BUILDING FOR PROPER DRAINAGE (I.R.C. R405.1)

BERMS OR SWALES MAY BE REQUIRED ALONG PROPERTY LINES TO PREVENT STORM WATER FROM FLOWING TO ADJACENT PROPERTIES / LOTS

ALL STORM WATER, DIRT, AND DEBRIS SHALL BE MAINTAINED ON SITE DURING CONSTRUCTION

DIVERT SURFACE DRAINAGE TO APPROVED COLLECTION AREAS OR AS INDICATED ON APPROVED SITE PLAN

CURB, GUTTER, SIDEWALK AND STREET SHALL BE MAINTAINED FREE OF MUD, DIRT, AND CONSTRUCTION MATERIALS AND DEBRIS EACH DAY PER CITY ORDINANCE

DEBRIS BARRIERS TO BE PLACED AND MAINTAINED AROUND ANY STORM DRAIN INLET ADJACENT TO OR IMMEDIATELY DOWNSTREAM FROM SITE DURING CONSTRUCTION

## RE-SEEDING INFORMATION

SHEEP FESCUE, QUATRO, WESTERN WHEATGRASS, BARTON/SHORT MIX  
Requires NO watering. Excellent for re-vegetation in dry areas around new construction sites and around homes to control erosion and enhance natural beauty. Will tolerate short periods of flooding and also endure long periods of drought. Coverage: 10 lbs per acre or .25 lbs per 1000 sqft.

SMOOTH BROME, LINCOLN, PUBESCENT WHEATGRASS, LUNA/TALL MIX  
Requires NO watering. Excellent for feed and grazing. Good for septic field re-vegetation, dry areas and erosion control. Relatively easy to establish and is drought tolerant. Average height: 6-12". Coverage: 10 lbs per acre or .25 lbs per 1000 sqft.

## RE-SEEDING WINDOW

A. SEEDING WINDOW: COMPLETE ALL GENERAL ROADSIDE SEEDING WITHIN THE APPROPRIATE SEEDING WINDOW.  
1. POSTPONE SEEDING UNTIL THE FOLLOWING YEAR IF THE SEEDING IS NOT COMPLETED WITHIN THE GIVEN WINDOW.  
2. EXCEPTION TO THIS WINDOW UNDER CERTAIN CONDITIONS MAY BE OBTAINED THROUGH CITY ENGINEER.

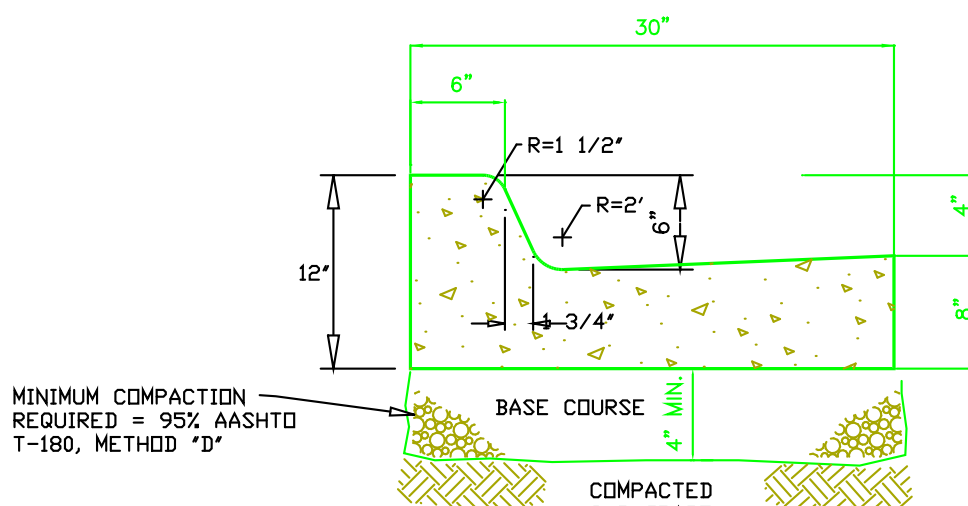
ELEVATION	SEEDING WINDOW
4000FT TO 6,000FT	SEPT. 15 TO DEC 1

## GENERAL CULINARY WATER INSTALLATION NOTES:

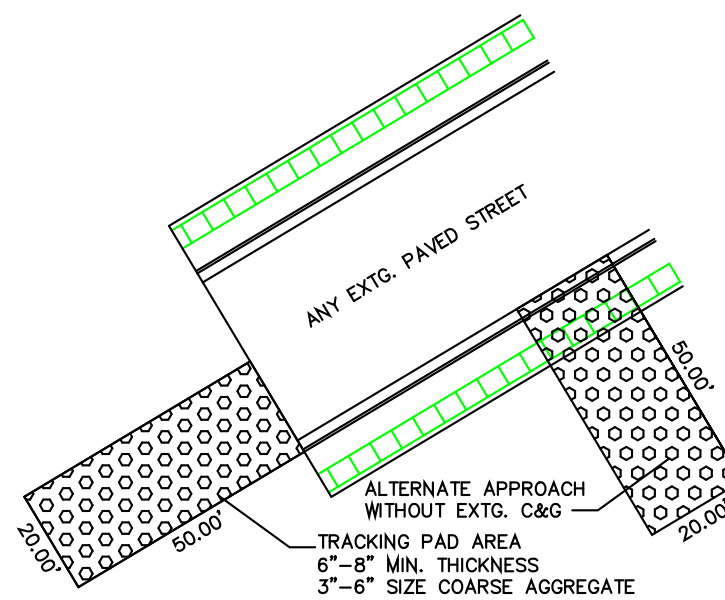
ALL WORK TO COMPLY WITH RULES 309-500 THROUGH 309-550 OF THE UTAH ADMINISTRATIVE CODE.

ALL MATERIALS WHICH MAY CONTACT DRINKING WATER SHALL BE ANSI-CERTIFIED AS MEETING THE REQUIREMENTS OF NSF STANDARD 61  
PRESSURE AND LEAKAGE TESTED IN ACCORDANCE WITH AWWA STANDARDS C600-93  
FLUSHING, DISINFECTION AND MICRO BIOLOGICAL TESTING SHALL CONFORM TO AWWA - C651 REQUIREMENTS

10' MINIMUM SEPARATION (PIPE EDGE TO PIPE EDGE) - SEWER AND WATER MAIN  
ALL OPEN ENDS OF ALL PIPELINES UNDER CONSTRUCTION SHALL BE COVERED AND EFFECTIVELY SEALED AT THE END OF DAY'S WORK SO AS TO PREVENT THE ENTRY OF ANY CONTAMINANTS INTO PIPELINE. REFER TO R309-550-8(9) OF THE UAC.

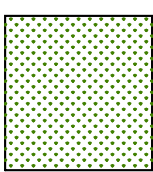


TYPE "B" CURB AND GUTTER



VEHICLE TRACKING CONTROL PAD  
NOT TO SCALE

LANDSCAPE AREA



## PROJECT INFO.

LOT AREA = 86,202 sq.ft. 1.98 acres  
BUILDING DIMENSIONS = 60'X120'  
BUILDING AREA = 7,200 SQ. FT.  
LANDSCAPE AREA = 5,003 sq.ft. 0.115 acres  
PAVEMENT AREA = 18,336 sq.ft. 0.42 acres

## EROSION CONTROL AND RE-VEGETATION:

INLET PROTECTION

A. USE SILT FENCE ANYTIME WHERE NATURAL GROUND IS UPSLOPE FROM ANY NATURAL DRAINAGE, OR IRRIGATION CHANNEL TO PREVENT SEDIMENT FROM BEING DISCHARGED INTO STREAMS. NO SEDIMENT DISCHARGE INTO DRAINAGES OR IRRIGATION DITCHES DUE TO ROAD OR BUILDING CONSTRUCTION WILL BE PERMITTED.

B. STRAW MAT OR STRAW BAILS ARE REQUIRED ON ALL CUT/FILL SLOPES FOR EROSION CONTROL.

C. WITH REGARD TO BUSINESS CONSTRUCTION, AREAS OF DISTURBED VEGETATION SHALL BE RESTORED TO NATIVE AND LANDSCAPE CONDITIONS WITHIN 2 YEARS FOLLOWING THE COMPLETION OF CONSTRUCTION OF THE BUILDING. BASED ON AN ENGINEERING EVALUATION, TEMPORARY MEASURES MAY BE REQUIRED PRIOR TO THE 2 YEAR LIMIT.

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A PART OF THE SOUTHEAST QUARTER OF SECTION 36,  
TOWNSHIP 6 NORTH, RANGE 2 WEST,  
SALT LAKE BASE AND MERIDIAN, U.S. SURVEY  
WEBER COUNTY, UTAH.

DRAWING NO.  
ME 08-53  
SHEET 1 OF 1  
FILE:duarrant\_shown\_site

DESIGNED BY:  
K.W.H., J.W.H.  
DRAWN BY:  
J.W.H.  
DATE:  
MAY, 2018



DATE	BY	COMMENTS
10/17	JWH	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
10/17	JWH	XXXXXXXXXXXXXXXXXXXXXXXXXXXX

MOUNTAIN ENGINEERING  
2250 W OLD HIGHWAY ROAD  
MORGAN, UTAH 84050  
TEL (801) 876-3978 FAX 876-3979