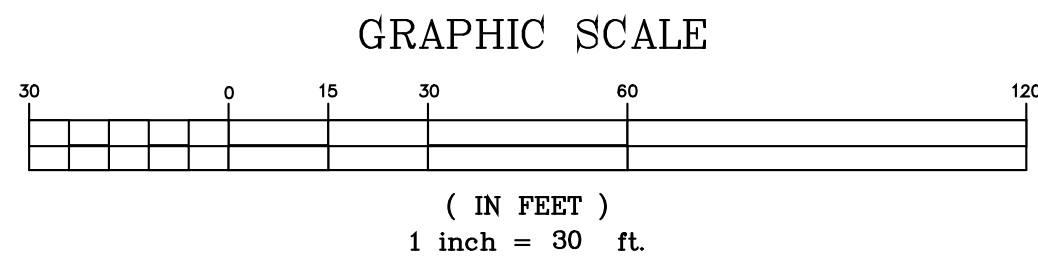


SITE PLAN - ACCURITE INC.

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

Orifice Calculator

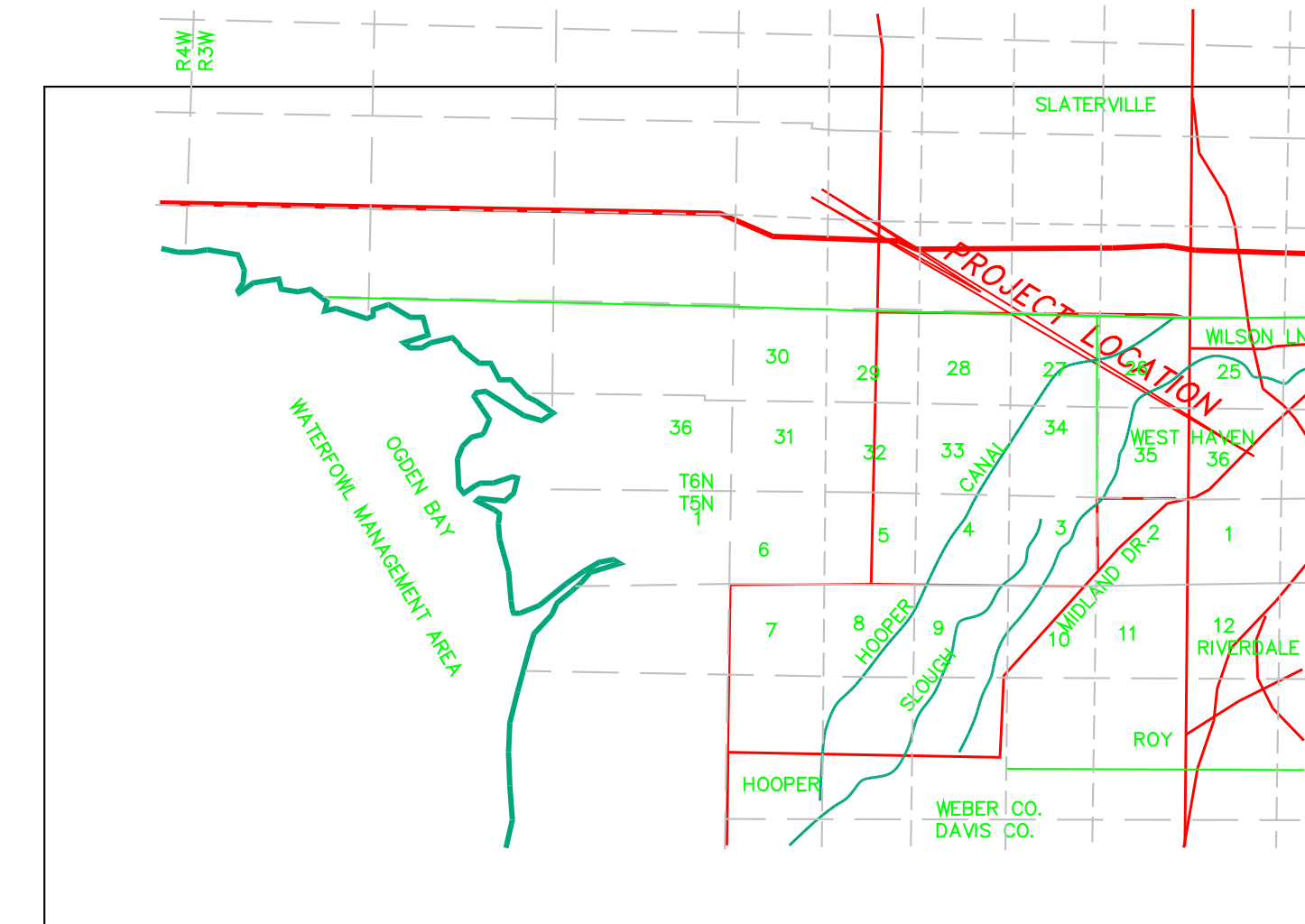
Given Input Data:	Area or Diameter
Solving for:	Flowrate
Flowrate:	0.0400 cfs
Coefficient:	0.6100
Headwater:	3.0000 ft
Tailwater:	0.0000 ft
Computed Results:	
Diameter:	0.9302 in
Velocity:	8.4754 fps

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

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

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

We will want to see something on
the detention from Ogden City and
what they require. Our experience
is that with this small of an orifice it
will be clogged the majority of the
time. Are there any controls that
would help to prevent this?
Where are the stormwater calc's
for the detention pond?



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 CONTAINED ONSITE 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.

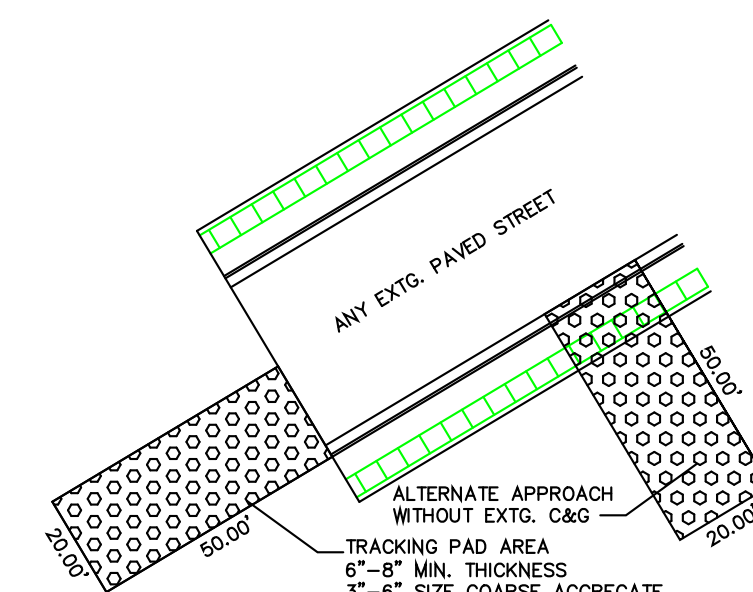
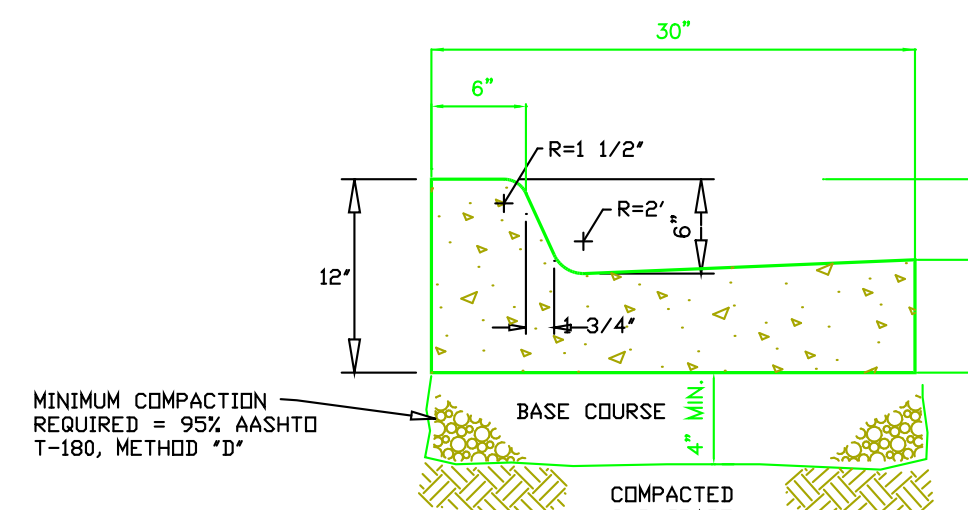
ELEVATION	SEEDING WINDOW
4000FT TO 6,000FT	SEPT. 15 TO DEC 1

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



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.

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

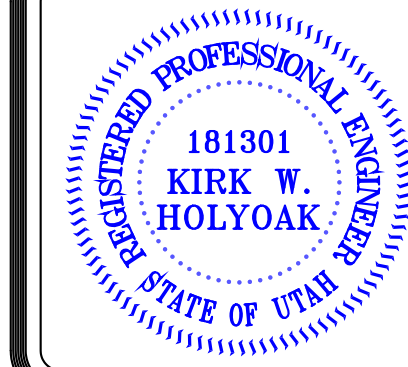
UTILITIES:

ALL EXISTING UTILITY LOCATIONS ARE APPROXIMATE,
BLUE STAKE PRIOR TO CONSTRUCTION.

VARYIFY EXISTING UTILITY LOCATIONS, SIZE AND TYPE WITH
RESPECTIVE UTILITY COMPANIES PRIOR TO CONSTRUCTION.

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TOWNSHIP 6 NORTH, RANGE 2 WEST,
SALT LAKE BASE AND MERIDIAN, U.S. SURVEY
WEBER COUNTY, UTAH.



DESIGNED BY:

K.W.H., J.W.H.

DRAWN BY:

J.W.H.

DATE:

MAY, 2018

REVISIONS	COMMENTS
DATE	BY
10/17	JWH
10/17	JWH

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