

NOTE: EXISTING CONTOURS AND CURB ELEVATIONS TAKEN FROM THE "HILLCREST SUBDIVISION PHASE 1" APPROVED CONSTRUCTION PLAN SET DATED OCTOBER 21, 2008

RETENTION BASIN STAGE STORAGE VOLUME

ELEV	AREA (sq. ft.)	DEPT H (ft)	AVG END INC. VOL. (cu. ft.)	AVG END TOTAL VOL. (cu. ft.)	CONIC INC. VOL. (cu. ft.)	CONIC TOTAL VOL. (cu. ft.)
4,865.00	3,354.66	N/A	N/A	0.00	N/A	0.00
4,866.00	4,111.61	1.00	3733.14	3733.14	3726.72	3726.72
4,867.00	4,942.90	1.00	4527.26	8260.39	4520.88	8247.61
4,868.00	5,848.54	1.00	5395.72	13656.12	5389.38	13636.99
4,869.00	6,828.53	1.00	6338.54	19994.66	6332.22	19969.20

ELEV	AREA (sq. ft.)	DEPT H (ft)	AVG END INC. VOL. (cu. ft.)	AVG END TOTAL VOL. (cu. ft.)	CONIC INC. VOL. (cu. ft.)	CONIC TOTAL VOL. (cu. ft.)
4,865.00	3,700.41	N/A	N/A	0.00	N/A	0.00
4,866.00	4,361.97	1.00	4031.19	4031.19	4026.66	4026.66
4,867.00	5,062.40	1.00	4712.19	8743.38	4707.84	8734.50
4,868.00	5,802.64	1.00	5432.52	14175.89	5428.31	14162.81
4,869.00	6,591.75	1.00	6197.20	20373.09	6193.00	20355.82

GENERAL CONSTRUCTION NOTES:

- 1) ALL BENCHMARKS, NORTHINGS, EASTINGS, AND PROPOSED CONTOURS SHOWN HEREON ARE BASED ON THE EXISTING CONTOURS AND CURB ELEVATIONS TAKEN FROM THE "HILLCREST SUBDIVISION PHASE 1" APPROVED CONSTRUCTION PLAN SET DATED OCTOBER 21, 2008
- 2) UTILITY LOCATIONS ARE APPROXIMATE AND DEPTHS ARE INDETERMINATE. CONTRACTOR SHALL FIELD-VERIFY ALL UTILITY LOCATIONS AND CROSSINGS PRIOR TO CONSTRUCTION.
- 3) CONTRACTOR SHALL FIELD-VERIFY ALL DIMENSIONS AND ELEVATIONS BEFORE CONSTRUCTION; ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CITY AND/OR ENGINEER.
- 4) ALL WORK AND MATERIALS SHALL CONFORM TO PROVIDENCE CITY STANDARDS AND SPECIFICATIONS AND TO THE AMERICAN PUBLIC WORK ASSOCIATION STANDARDS AND SPECIFICATIONS; THE MORE STRINGENT SHALL APPLY UNLESS OTHERWISE DIRECTED BY THE CITY.
- 5) CONTRACTOR SHALL MAINTAIN ALL ADJACENT PROPERTIES FREE OF CONSTRUCTION ACTIVITIES, IMPACTS, AND DELETERIOUS MATERIALS.
- 6) CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING WATER NECESSARY FOR DUST CONTROL / ABATEMENT, COMPACTION, ETC.
- 7) FINAL QUANTITIES AND PROJECT WORK PORTIONS ARE DEPENDENT UPON BIDS AND FINAL PROJECT BUDGETS.
- 8) CONTRACTOR SHALL PROVIDE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR THIS SITE AS REQUIRED BY THE CITY OF PROVIDENCE.

GRADING PLAN NOTES:

- 1) ALL DEBRIS RESULTING FROM THE WORK ON THE PROJECT SHALL BE DISPOSED OF BY THE CONTRACTOR TO AN APPROPRIATE WASTE HANDLING LOCATION. DELETERIOUS DEBRIS SHALL NOT BE BURIED OR LEFT TO REMAIN.
- 2) CONTRACTOR SHALL RE-GRADE AND/OR RESHAPE GROUND SURFACE TO THE LINES AND GRADES SHOWN HEREON. CONTRACTOR SHALL NOT EXCEED THE LIMITS OF CONSTRUCTION SHOWN UNLESS OTHERWISE PERMITTED IN WRITING BY THE CITY.
- 3) FILL AREAS SHALL BE INSPECTED AND APPROVED BY THE CITY PRIOR TO PLACEMENT OF FILL.
- 4) CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO MITIGATE POTENTIAL EROSION PROBLEMS DUE TO STORM WATER RUNOFF THAT MIGHT OCCUR DURING OR AFTER CONSTRUCTION.
- 5) THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL MEASURES AS DETAILED IN THE STORM WATER POLLUTION PREVENTION PLAN.
- 6) OVER-EXCAVATION OF SOFT OR UNSUITABLE SUBGRADE SHALL BE FIRST INSPECTED AND AUTHORIZED BY THE CITY PRIOR TO COMMENCING ANY SUCH ACTIVITIES.
- 7) COMPACTION OF ALL FILLS SHALL BE TESTED BY A CERTIFIED MATERIALS TESTING LAB OF THE CITY'S CHOOSING.

LEGEND

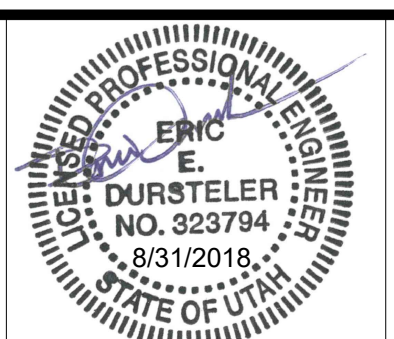
- RIGHT OF WAY / PROPERTY LINE (FOR REFERENCE ONLY)
- CENTERLINE OF ROAD
- EXISTING CONTOUR - MAJOR (5' INTERVAL)
- EXISTING CONTOUR - MINOR (1' INTERVAL)
- PROPOSED CONTOUR - MAJOR (5' INTERVAL)
- PROPOSED CONTOUR - MINOR (1' INTERVAL)
- SD-18 --- EXISTING 18"Ø STORM DRAIN PIPE
- FG FINISHED GRADE
- TC TOP OF CONCRETE
- EXISTING STORM DRAIN CATCH BASIN
- CB8 CATCH BASIN #
- BENCHMARK
- TBC TOP BACK OF CURB
- LT - RT LEFT OR RIGHT (OFFSET)
- N.T.S. NOT TO SCALE
- TYP TYPICAL

NO.	REVISIONS	BY	DATE

DRAWN EED
 DESIGNED EED
 APPROVED
 QA

ATTENTION
 LINE IS 2 INCHES AT 22x34 SIZE
 (IF NOT 2" - SCALE ACCORDINGLY)

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HILLCREST PARK
GRADING PLAN

PROJECT NO: 14-18-0922
 SHEET ID: GP-1
 DATE: AUG 2018 PAGE NO: 2