



0 60 120  
SCALE: 1"=60' (24x36 PLAN SET)

## ELK MOUNTAIN, PHASE 12, P.U.D.

PART OF THE NORTHEAST QUARTER OF SECTION 10  
TOWNSHIP 10 NORTH RANGE 1 EAST  
SALT LAKE BASE AND MERIDIAN  
HYRUM, UTAH  
FINAL PLAT

### LEGEND

- SUBDIVISION BOUNDARY LINE
- EASEMENT
- STREET MONUMENT
- ADDRESS BLOCK

### NOTES:

- OWNER: KARTCHNER HOMES  
601 WEST 1700 SOUTH SUITE A  
LOGAN, UTAH  
435-759-7080
- ZONING- R-2 MULTI FAMILY RESIDENTIAL
- TOTAL ACRES- 5.52  
NUMBER OF LOTS- 21  
MIN. LOT SIZE: 5,069 S.F.
- SETBACKS PER CURRENT ZONING REQUIREMENTS
- PUBLIC UTILITY EASEMENTS  
FRONT AND REAR- 10 FT (WHERE SHOWN)
- THE BASIS OF BEARING IS S 00°25'22" E BETWEEN THE NORTHWEST CORNER CORNER AND EAST QUARTER CORNER OF SECTION 10, TOWNSHIP 10 NORTH, RANGE 1 EAST OF THE SALT LAKE BASELINE AND MERIDIAN. THIS IS A COUNTER CLOCKWISE ROTATION OF 00°08'32" FROM THE ELK MOUNTAIN PHASE 1 PLATS.
- 5/8" REBAR SET AT ALL INTERIOR PROPERTY CORNERS. CURB PINS SET AT PROPERTY LINE PROJECTS AT FRONT OF LOTS
- ALL EXPENSES INVOLVING THE NECESSARY IMPROVEMENTS OR EXTENSIONS FOR SANITARY SEWER SYSTEM, GAS SERVICE, ELECTRICAL SERVICE, GRADING AND LANDSCAPING, STORM DRAIN SYSTEMS, POTABLE WATER LINES, IRRIGATION SYSTEM, CURBS AND GUTTERS, MONUMENTS, FIRE HYDRANTS, PAVEMENT, SIDEWALKS, STREET LIGHTING AND SIGNING, AND OTHER IMPROVEMENTS SHALL BE FINANCED BY THE SUBDIVIDER. THE DEVELOPER'S PROPOSED METHOD OF SATISFYING THE SECURITY OF PERFORMANCE IS A LETTER OF CREDIT.
- TWO TREES PER LOT, (4) PER CORNER LOT, ARE REQUIRED BY HYRUM CITY SPECS.
- THIS AREA IS SUBJECT TO THE NORMAL EVERYDAY SOUNDS, ODORS, SIGHTS, EQUIPMENT FACILITIES, AND ALL OTHER ASPECTS ASSOCIATED WITH AN AGRICULTURAL LIFESTYLE. FUTURE RESIDENCES SHOULD ALSO RECOGNIZE THE RISKS INHERENT WITH LIVESTOCK.

### BOUNDARY DESCRIPTION

Part of the Northeast Quarter of Section 10, Township 10 North, Range 1 East of the Salt Lake Base and Meridian described as follows:

Commencing at the Northeast Corner of Section 10, Township 10 North, Range 1 East of the Salt Lake Base and Meridian (from which the East Quarter Corner of Section 10 monumented with a Brass Cap bears S00°25'22"E); thence N89°59'37"W 2627.28 feet to the Northwest Corner of Lot 310, Elk Mountain Phase 3 recorded June 14, 2018 under Entry No. 1197671 monumented with a Foresight rebar; thence S00°01'50"E 208.67 feet along the west line of Lots 310 and 311 of said Elk Mountain Phase 3 to the POINT OF BEGINNING and running said Elk Mountain Phase 3 boundary the next six courses:

- 1) thence N 89°58'09" E 195.70 feet;
- 2) thence Northerly, a distance of 17.57 feet along a non tangent curve to the left of which the radius point lies S 81°26'40" W, with a radius of 280.00 feet, having a central angle of 03°35'41" and a chord that bears N 10°21'11" W 17.56 feet;
- 3) thence Northeasterly, a distance of 21.10 feet along a reverse curve to the right having a radius of 13.00 feet and a central angle of 92°58'41" and a chord that bears S 34°20'19" E 18.86 feet;
- 4) thence N 80°49'40" E 5.63 feet;
- 5) thence Easterly, 27.20 feet along a curve to the right having a radius of 173.00 feet, a central angle of 09°00'35" and a chord that bears N 85°19'57" E 27.18 feet;
- 6) thence N 89°54'35" E 96.97 feet;

thence along the boundary of Elk Mountain Phase 1 Plat 1-B-1 Lot line Adjustment Amendment recorded December 8, 2010 under Entry No. 1034617 the next five courses:

- 1) thence S 00°09'54" E 271.48 feet (S00°01'13"E, By Record);
- 2) thence S 89°50'15" W 19.67 feet (S89°58'47"W, By Record);
- 3) thence S 00°09'54" E 275.00 feet (S00°01'13"E, By Record);
- 4) thence N 89°50'15" E 5.04 feet (N89°58'47"E, 5.05 feet, By Record);
- 5) thence Easterly, a distance of 108.40 feet along a non tangent curve to the right of which the radius point lies S 00°55'29" W, with a radius of 747.00 feet, having a central angle of 08°18'53" and a chord that bears S 84°55'04" E 108.31 feet;

thence Southerly, a distance of 76.96 feet along a non tangent curve to the left of which the radius point lies N 88°59'53" E, with a radius of 737.17 feet, having a central angle of 05°58'53" and a chord that bears S 03°59'34" E 76.92 feet;

thence S 13°48'04" W 8.40 feet;

thence Southerly, a distance of 67.43 feet along a non tangent curve to the right of which the radius point lies S 81°48'15" W, with a radius of 469.90 feet, having a central angle of 08°13'17" and a chord that bears S 04°05'06" E 67.37 feet;

thence S 00°01'31" W 3.63 feet;

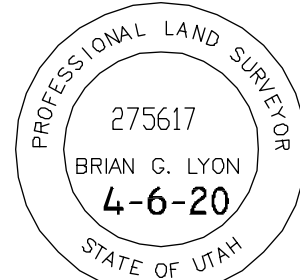
thence N 89°58'31" W 4.35.42 feet;

thence N 00°01'50" W 675.43 feet to the point of beginning, containing 5.52 acres, more or less.

### SURVEYOR'S CERTIFICATE

I, Brian G. Lyon, a Registered Land Surveyor, hold Certificate No. 275617, as prescribed by the laws of the State of Utah, and do hereby certify that by authority of the owners, I have made a survey of the tract of land shown on this plat, which is accurately described therewith, and have subdivided said tract of land into lots and streets to be hereafter known as ELK MOUNTAIN PHASE 12, and that the same has been surveyed and staked on the ground as shown on this plat.

Signed on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.



### OWNERS DEDICATION

Know all by these presents that we the undersigned owners of the above-described tract of land, having caused the same to be subdivided into lots as shown on this plat and name said tract ELK MOUNTAIN PHASE 12, do hereby dedicate for perpetual use of the public all parcels of land shown on this plat as intended for public use, and do warrant, defend and save the municipality harmless against any easements or other encumbrances on the dedicated streets which will interfere with the municipality's use, operation and maintenance of the streets and do further dedicate the easements as shown, with the same warranty as given for other dedicated property.

In witness whereof, we have hereunto set our hands this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

### ACKNOWLEDGEMENT

STATE OF UTAH }  
COUNTY OF CACHE }

On the \_\_\_\_ day of \_\_\_\_\_ A.D., 20\_\_\_\_, personally appeared before me, \_\_\_\_\_ of Kartchner Land Management, Inc., a Utah Corporation, signers of the within instrument who declared to me, that they signed this instrument on behalf of the corporation pursuant to a resolution of the board of directors of said corporation.

My commission expires: \_\_\_\_\_

Notary Public \_\_\_\_\_

Residing at: \_\_\_\_\_

CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C500	76.96	737.17	5°58'53"	S03°59'34"E	76.92
C501	67.43	469.90	8°13'17"	N04°05'06"W	67.37
C502	17.57	280.00	3°35'41"	N10°21'11"W	17.56
C503	21.10	13.00	92°58'41"	S34°20'19"W	18.86
C504	27.20	173.00	9°00'35"	S85°19'57"W	27.18
C505	108.40	747.00	8°18'53"	N84°55'04"W	108.31
C506	40.62	300.00	7°45'28"	S03°54'15"W	40.59
C507	19.40	350.00	3°10'35"	N06°11'41"E	19.40
C508	28.09	350.00	4°35'57"	N02°18'25"E	28.09
C509	41.87	250.00	9°35'42"	N04°47'25"W	41.82
C510	122.79	713.21	9°51'52"	N85°01'21"W	122.64
C511	41.90	220.00	10°54'47"	N05°26'57"W	41.84
C512	20.43	13.00	90°02'16"	N45°01'34"E	18.39
C513	22.18	13.00	97°44'16"	N41°05'09"W	19.58
C514	44.68	330.00	7°45'28"	S03°54'15"W	44.65
C515	36.56	270.00	7°45'28"	S03°54'15"W	36.53
C516	18.66	13.00	82°15'44"	S48°54'51"W	17.10
C517	111.27	679.21	9°23'12"	N85°04'38"W	111.15
C518	16.35	13.00	72°03'26"	N44°21'19"W	15.29
C519	68.51	470.00	8°21'07"	N04°09'02"W	68.45
C520	7.45	747.21	0°34'17"	N89°40'09"W	7.45
C521	20.41	13.00	89°57'44"	S44°58'26"E	18.38
C522	22.30	280.00	4°33'51"	N02°16'29"W	22.30
C523	19.54	280.00	3°59'56"	N06°33'22"W	19.54
C524	40.03	737.17	3°06'41"	S02°33'28"E	40.03
C525	36.93	737.17	2°52'12"	S05°32'54"E	36.92
C526	37.11	280.00	7°35'37"	N08°21'13"W	37.08

### CITY COUNCIL PLANNING COMMISSION

Presented to the Hyrum City Council this \_\_\_\_ day of \_\_\_\_\_ A.D., 20\_\_\_\_, at which time this subdivision was approved and accepted.

Mayor \_\_\_\_\_ Date \_\_\_\_\_

### COUNTY RECORDER'S NO.

State of Utah, County of Cache, recorded and filed at the request of  
Date \_\_\_\_\_ Time \_\_\_\_\_ Fee \_\_\_\_\_  
Entry \_\_\_\_\_

Index \_\_\_\_\_ County Recorder \_\_\_\_\_  
Filed in: File of plats \_\_\_\_\_

### COUNTY SURVEYOR'S CERTIFICATE

I certify that I have examined this plat and find it to be correct and in accordance with information on file in this office and further it meets the minimum standards for plats required by county ordinance, and state law.

Date \_\_\_\_\_ County Surveyor \_\_\_\_\_

### CITY COUNCIL APPROVAL AND ACCEPTANCE

Presented to the Hyrum City Council this \_\_\_\_ day of \_\_\_\_\_ A.D., 20\_\_\_\_, at which time this subdivision was approved and accepted.

Mayor \_\_\_\_\_ Date \_\_\_\_\_

### ENGINEER'S CERTIFICATE

I certify that I have examined this plat and find it to be correct and in accordance with information on file in this office and the city ordinance.

Date \_\_\_\_\_ City Engineer \_\_\_\_\_

### APPROVAL AS TO FORM

Approved as to form this \_\_\_\_ day of \_\_\_\_\_ A.D., 20\_\_\_\_.

City Attorney \_\_\_\_\_

### UTILITY COMPANY APPROVALS

The utility easements shown on this plat are approved

Hyrum City Power \_\_\_\_\_

Dominion Energy \_\_\_\_\_

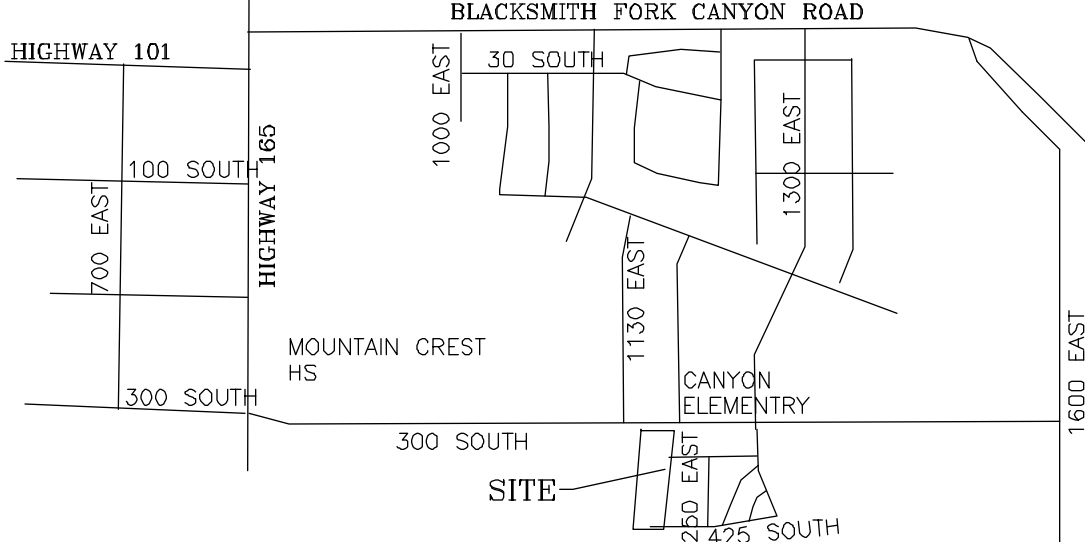
Comcast Cable \_\_\_\_\_

Century Link Communications \_\_\_\_\_

Hyrum Sewer \_\_\_\_\_

Hyrum Water \_\_\_\_\_

### VICINITY MAP



ELK MOUNTAIN, PHASE 12, P.U.D.  
PART OF THE NORTHEAST QUARTER OF SECTION 10  
TOWNSHIP 10 NORTH RANGE 1 EAST  
SALT LAKE BASE AND MERIDIAN  
HYRUM, UTAH  
FINAL PLAT

ALLIANCE CONSULTING  
ENGINEERS  
150 EAST 200 NORTH SUITE P  
LOGAN, UTAH 84321  
(435) 755-5121

SHEET  
1  
OF  
1 SHEET

PART OF THE NORTHEAST QUARTER OF SECTION 10  
TOWNSHIP 10 NORTH RANGE 1 EAST  
SALT LAKE BASE AND MERIDIAN  
400 SOUTH, 1400 EAST  
HYRUM, UTAH

## VICINITY MAP



**CIVIL ENGINEER**  
**ALLIANCE CONSULTING**  
**ENGINEERS, INC.**  
**150 EAST 200 NORTH SUITE P**  
**LOGAN, UTAH 84321**  
**435-755-5121**

**MATT HOLMES**  
**HYRUM CITY**  
**435-245-6033**

I CERTIFY THAT I HAVE EXAMINED THIS PLAT AND FIND IT TO BE IN  
GENERAL COMPLIANCE TO THE CITY STANDARDS

DATE \_\_\_\_\_

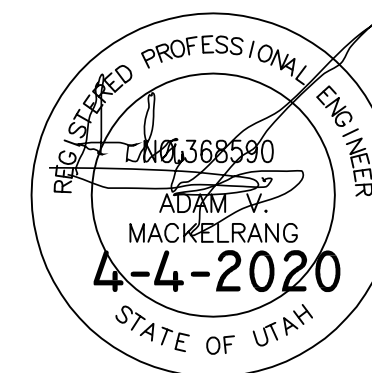
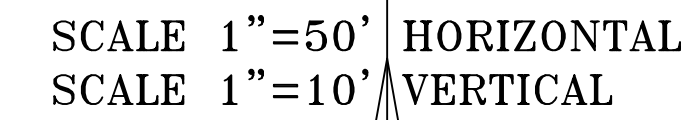
1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, CITY OF HYRUM STANDARDS, STATE OF UTAH AND ANY OTHER APPLICABLE STANDARDS ISSUED BY THE CONTROLLING AGENCY.
2. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS BEFORE CONSTRUCTION. ANY DISCREPANCIES BETWEEN CONSTRUCTION DOCUMENTS AND FIELD CONDITIONS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE OWNER. ANY WORK DONE WITHOUT VERIFICATION IS DONE SO AT THE CONTRACTORS RISK AND EXPENSE IF ERRORS OCCUR.
3. CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY AREAS AND/OR MATERIALS DAMAGED DURING CONSTRUCTION.
4. CONTRACTOR SHALL MAINTAIN ALL ADJACENT PROPERTY (PUBLIC & PRIVATE) FROM ALL CONSTRUCTION DEBRIS.
5. CONTRACTOR SHALL PROVIDE SMOOTH TRANSITION FROM ALL NEW CONSTRUCTION TO EXISTING CONDITIONS.
6. CONTRACTOR SHALL PROVIDE ALL NECESSARY AUTOMOBILE AND PEDESTRIAN TRAFFIC CONTROL DEVICES REQUIRED BY LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES.
7. CONTRACTOR SHALL REPLACE SURVEY MONUMENTS DAMAGED DURING CONSTRUCTION. SURVEY MONUMENTS TO BE REPLACED BY A REGISTERED, LICENSED LAND SURVEYOR.
8. CONTRACTOR TO LOCATE ALL EXISTING UTILITIES, INCLUDING FIBER OPTIC, ANY DAMAGES TO EXISTING UTILITIES WILL BE REPAIRED AT CONTRACTORS EXPENSE.
9. DIMENSIONS SHOWN ARE TO THE CENTER OF THE PIPELINE UNLESS OTHERWISE NOTED.
10. DISTANCES SHOWN ALONG PIPELINES ARE HORIZONTAL DISTANCES AND NOT ACTUAL PIPE LENGTHS. MORE PIPE MAY BE REQUIRED TO COMPLETE CONSTRUCTION THAN IS DIMENSIONED IN THE PLANS.
11. THRUST BLOCKS SHALL BE PLACED ON WATERLINES AT ALL DIRECTION CHANGES, FITTINGS, BENDS, ELBOWS, FIRE HYDRANTS AND GATE VALVES AS SHOWN IN THE PROJECT PLANS.
12. CONTRACTOR IS REQUIRED TO HAVE A SET OF PLANS ON THE SITE AT ALL TIMES. ANY WORK COMPLETED WITHOUT A SET PRESENT IS DONE SO AT THE CONTRACTORS RISK AND EXPENSE IF ERRORS OCCUR.
13. CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER NECESSARY FOR DUST ABATEMENT, COMPACTION, ETC.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING SOURCES FOR GRANULAR MATERIALS, WATER, WASTE SITES, AND ANY OTHER MATERIALS SOURCES AS REQUIRED FOR PROJECT COMPLETION.
15. ANY WORK DONE WITHIN A PUBLIC RIGHT-OF-WAY SHALL BE COORDINATED WITH THE APPROPRIATE TRANSPORTATION AGENCY AND SHALL MEET THE REQUIREMENTS OF THAT AGENCY AND THE REQUIREMENTS OF ANY RIGHT-OF-WAY OR SPECIAL USE PERMITS.
16. THE CONTRACTOR SHALL COORDINATE ALL LIVE TAPS AND ANY OTHER WORK OR MANIPULATION OF THE EXISTING WATER SYSTEM WITH THE CITY.
17. ON SLOPING AREAS THE CONTRACTOR SHALL TAKE PRECAUTIONS TO MITIGATE ANY POSSIBLE EROSION PROBLEMS IN THE TRENCHES DUE TO STORM WATER THAT MIGHT OCCUR DURING OR AFTER CONSTRUCTION AS DIRECTED OR APPROVED BY ENGINEER.
18. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL MEASURES AS DETAILED IN THE PROJECT PLANS UNTIL FINAL ACCEPTANCE OF THIS PROJECT.
19. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONS NECESSARY TO INSURE THAT NO STORM WATER/SEDIMENT AND/OR CONSTRUCTION DEBRIS ARE RELEASED FROM THE SITE. ANY RELEASES SHALL BE CLEANED AND MITIGATED AT THE CONTRACTOR'S EXPENSE.
20. CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACCESS AND RELATED TRAFFIC CONTROL WITH THE COUNTY, CITY, AND STATE ROADWAY DEPARTMENTS. THE ENGINEER SHALL REVIEW ALL TRAFFIC CONTROL PLANS.
22. ALL GATE VALVES SHALL BE LOCATED NEAR TO TEES OR CROSSES AND THEIR ASSOCIATED REDUCERS AS SHOWN ON THE PROJECT PLANS.
23. CONTRACTOR SHALL PROVIDE ALL NECESSARY FITTINGS, HARDWARE, LABOR, ETC. TO CONSTRUCT VERTICAL AND HORIZONTAL BENDS IN PIPE AS NEEDED TO MEET THE REQUIRED GRADES, ALIGNMENTS AND COVER REQUIREMENTS.
24. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF HYRUM FOR ALL UTILITY INSPECTIONS PRIOR TO BACKFILLING.
25. ALL WATER SYSTEM COMPONENTS SHALL BE INSTALLED, PRESSURE TESTED, AND CHLORINATED PRIOR TO COMPLETING ANY ROADWAY CONSTRUCTION.
26. ONE MYLAR AND ONE PAPER SET OF AS BUILTS SHALL BE SUBMITTED TO THE CITY UPON COMPLETION OF PUBLIC IMPROVEMENTS.

REVISION		<div><div><div>AE</div><div>C</div></div><div><div>ALLIANCE CONSULTING ENGINEERS</div><div>150 EAST 200 NORTH SUITE P LOGAN, UTAH 84321</div></div></div>	
DATE	BY		
		ELK MOUNTAIN PHASE 12 INDEX SHEET SHEET 1 OF 4	
		PART OF THE NORTHEAST QUARTER OF SECTION 10 TOWNSHIP 10 NORTH RANGE 1 EAST SALT LAKE BASE AND MERIDIAN 400 SOUTH, 1400 EAST HYRUM, UTAH	
SCALE: AS NOTED	DRAWN BY: AM	CHECKED BY: AM	DATE: 1-2020
	APPROVED BY: BL	DWG DATA: ph2v1.DWG	

PART OF THE NORTHEAST QUARTER OF SECTION 10  
TOWNSHIP 10 NORTH RANGE 1 EAST  
SALT LAKE BASE AND MERIDIAN  
400 SOUTH, 1400 EAST  
HYRUM, UTAH

PART OF THE NORTHEAST QUARTER OF SECTION 10  
TOWNSHIP 10 NORTH RANGE 1 EAST  
SALT LAKE BASE AND MERIDIAN  
400 SOUTH, 1400 EAST  
HYRUM, UTAH


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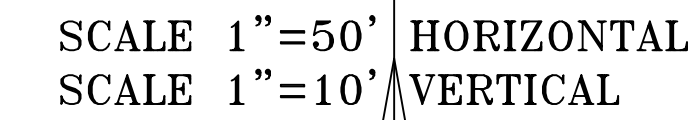
1. ALL CONSTRUCTION TO MEET HYRUM CITY STANDARDS AND SPECIFICATIONS AND SHALL ADJURE TO APPROVED SWPPP GUIDELINES.
2. ALL WATER LINE SERVICES TO BE 1" COPPER WITH 18"x48" ABS OR PVC METER BARRELS. LIDS TO HAVE 2" DIA. HOLES. ALL METERS TO BE LOCATED WITHIN THE PARK STRIP. SEE HYRUM STANDARD DRAWING 6-44.
3. ALL WATER LINES TO HAVE A MINIMUM COVER OF 5 FEET. INSTALL FIRE HYDRANT PER HYRUM STANDARD DRAWING 6-46.
4. WATER MAIN TO BE 8" OR 14" CLASS 350 D.I. OR PVC C-900 DR18 THRUST BLOCK PER HYRUM STANDARD DRAWING 6-42.
5. SEWER SERVICES SHALL BE 4" SDR 35 PVC PER HYRUM STANDARD DRAWINGS 5-36 THROUGH 38.
6. SEWER SERVICES TO EXTEND 10 FEET INSIDE LOT LINES WITH A 2X4 MARKING THE END.
7. TOP ELEVATIONS ARE APPROXIMATE AND ALL MANHOLES ARE TO BE ADJUSTED TO FINISH GRADE.
8. MANHOLES ARE TO BE PER HYRUM STANDARD DRAWINGS 5-30, 5-31, 5-34, 5-35.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND FEES REQUIRED FOR THE COMPLETION OF THE WORK AND AS REQUIRED BY THE CITY.
10. ALL CATCH BASINS SHALL BE PER HYRUM STANDARD DRAWING 4-115& 4-117.
11. CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO BEGINNING EXCAVATION.
12. SHUT-OFF VALVES FOR CULINARY WATER LINES ARE REQUIRED AND TO BE INSTALLED AT LOT LINES.
13. THE VALVE FOR THE HYDRANTS SHALL BE LOCATED NEXT TO THE MAIN LINE.
14. CONCRETE COLLARS SHALL BE REQUIRED AROUND ALL WATER VALVES. ROUND FOR POTABLE WATER AND SQUARE FOR IRRIGATION.
15. CONTRACTOR TO FIELD VERIFY EXISTING SEWER INVERTS PRIOR TO BEGINNING CONSTRUCTION.
16. SEE HYRUM STANDARD DRAWING 4-110 FOR CURB AND GUTTER DETAIL.
17. SEE HYRUM STANDARD DRAWING 4-112 FOR HANDICAP RAMP DETAIL.

	BOUNDARY LINE
	EXISTING WATER
	PROPOSED WATER
	PROPOSED WATER SERVICE
	EXISTING SEWER
	PROPOSED SEWER SERVICE
	EXISTING SEWER SERVICE
	EXISTING IRRIGATION
	EXISTING STORM
	PROPOSED STORM
	EXISTING POWER
	EXISTING GAS
	EXISTING LIGHT
	PROPOSED LIGHT
	EXISTING 1' CONTOUR
	EXISTING 5' CONTOUR
	EXISTING ASPHALT
	PROPOSED ASPHALT



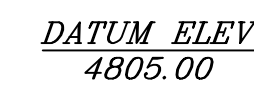
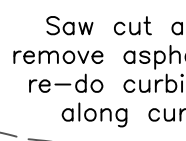
REVISION		 <b>ALLIANCE CONSULTING ENGINEERS</b>		
DATE	BY			150 EAST 200 NORTH SUITE P LOGAN, UTAH 84321
		ELK MOUNTAIN PHASE 12 1170 EAST ROAD PLAN SHEET 2 OF 4		
		PART OF THE NORTHEAST QUARTER OF SECTION 10 TOWNSHIP 10 NORTH RANGE 1 EAST SALT LAKE BASE AND MERIDIAN 400 SOUTH, 1400 EAST HYRUM, UTAH		
SCALE: AS NOTED	DRAWN BY: AM	CHECKED BY: AM	DATE: 1-2020	
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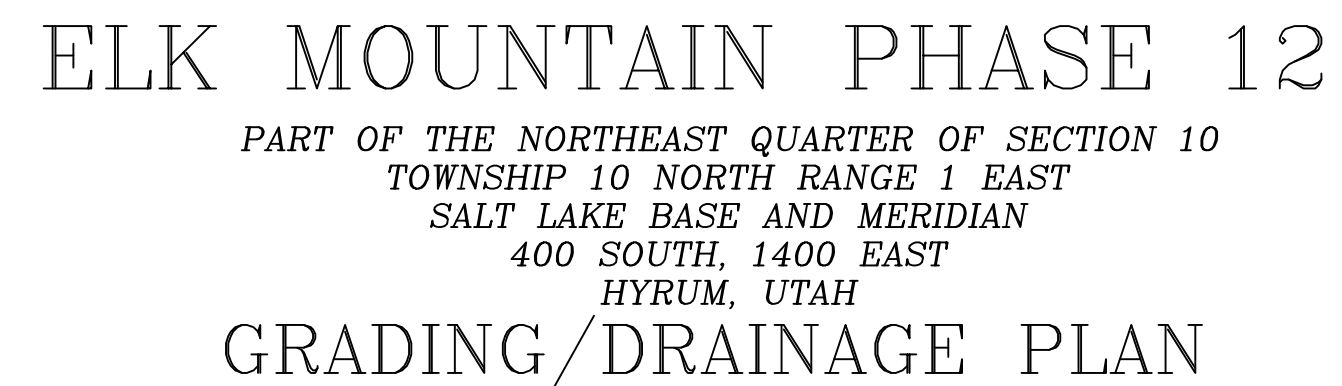


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--- BOUNDARY LINE  
 --- E 8 C900 WTR ---  
 --- E 8 C-900 WTR ---  
 --- E 8 PVC SEWER ---  
 --- E 6 IRR ---  
 --- 15 E RCP SD --- 15 E RCP SD ---  
 --- 15 RCP SD ---  
 --- GAS --- GAS ---  
 --- EXISTING LIGHT ---  
 --- PROPOSED LIGHT ---  
 --- EXISTING 1' CONTOUR ---  
 --- EXISTING 5' CONTOUR ---  
 [Hatched Box] EXISTING ASPHALT  
 [Solid Grey Box] PROPOSED ASPHALT

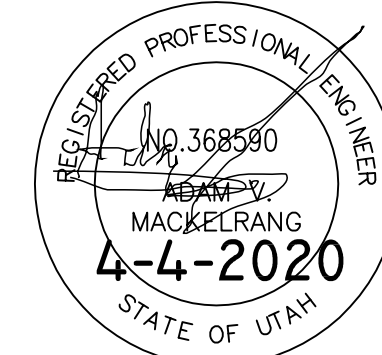


REVISION		 <b>ALLIANCE CONSULTING ENGINEERS</b> 150 EAST 200 NORTH SUITE P LOGAN, UTAH 84321					
DATE	BY						
		<b>ELK MOUNTAIN PHASE 12</b> <b>330 SOUTH ROAD PLAN</b> <b>SHEET 3 OF 4</b>					
		PART OF THE NORTHEAST QUARTER OF SECTION 10 TOWNSHIP 10 NORTH RANGE 1 EAST SALT LAKE BASE AND MERIDIAN 400 SOUTH, 1400 EAST HYRUM, UTAH					
SCALE:	AS NOTED	DRAWN BY:	AM	CHECKED BY:	AM	DATE:	1-2020
		APPROVED BY:	BL	DWG DATA: prelm.DWG			











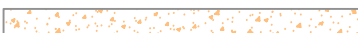



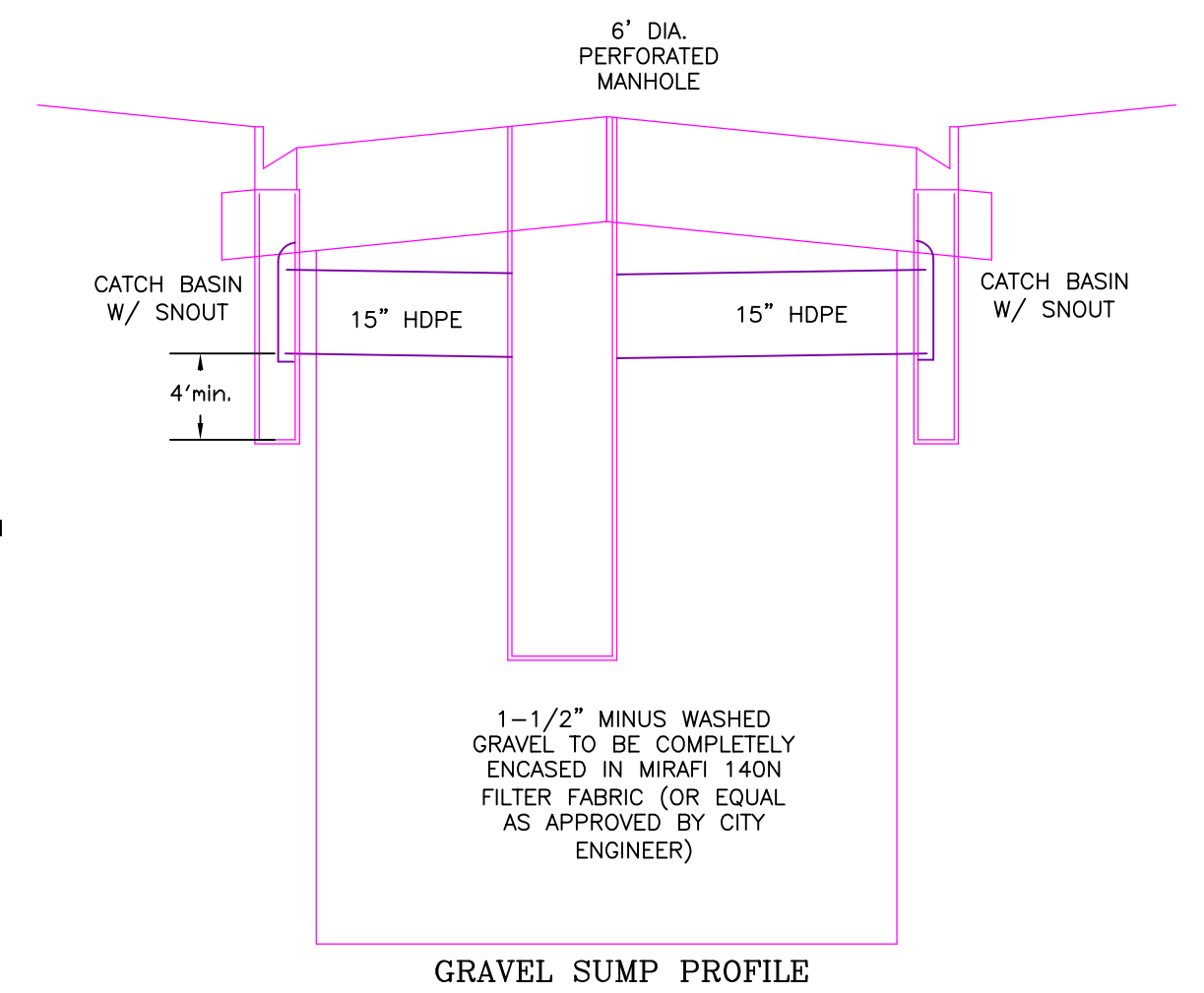
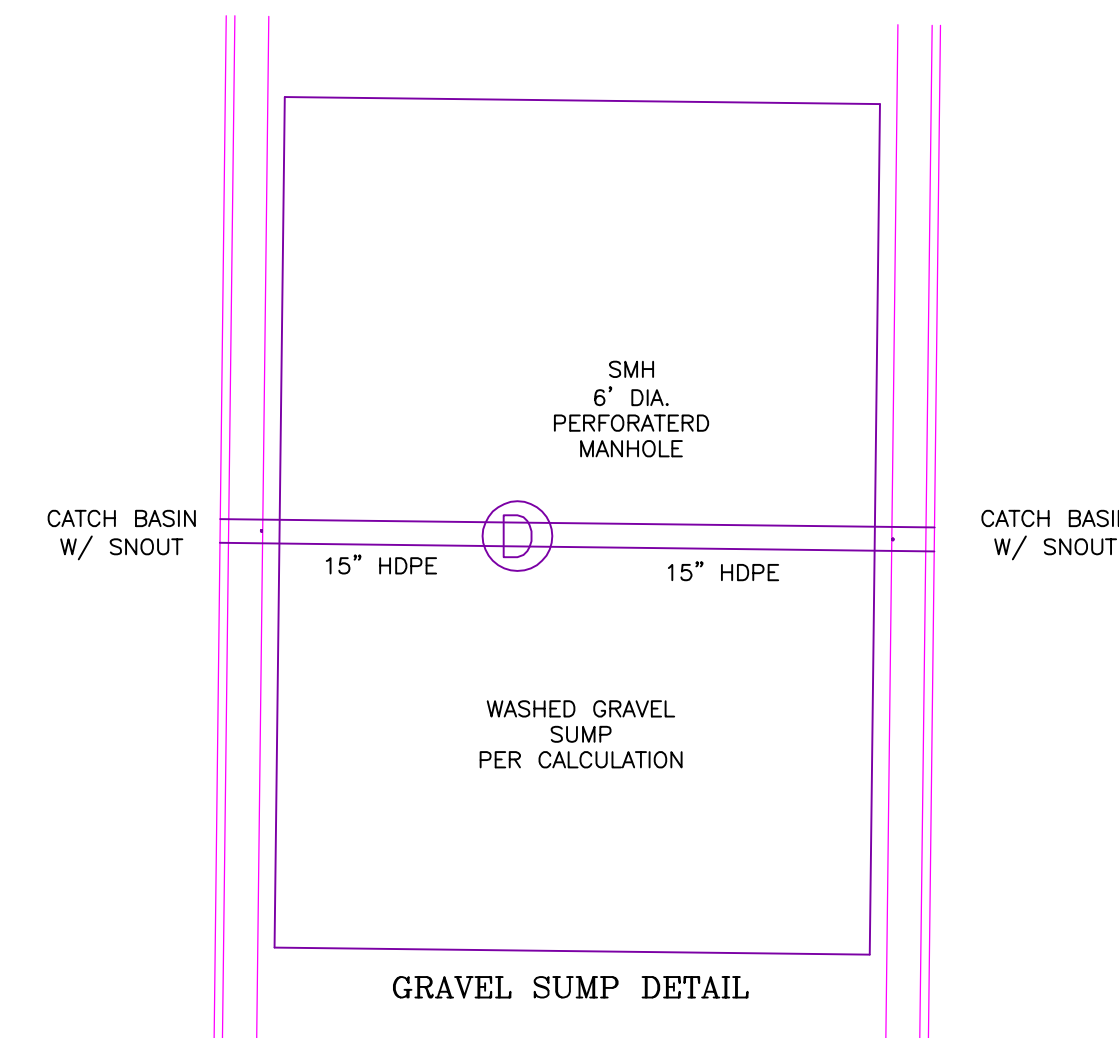
### CONSTRUCTION NOTES

1. ALL CONSTRUCTION TO MEET HYRUM CITY STANDARDS AND SPECIFICATIONS
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND FEES REQUIRED FOR THE COMPLETION OF THE WORK AND AS REQUIRED BY THE CITY.
3. ALL CATCH BASINS SHALL HAVE A BICYCLE-SAFE GRATE.
4. CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO BEGINNING EXCAVATION.
5. CONTRACTOR REQUIRED TO INSTALL A BMPINC. "SNOUT" OR EQUIVALENT ON EACH CATCH BASIN. INSTALL PER MANUFACTURER REQUIREMENTS.



### LEGEND

- |   |  |
|---|--|
|  | BOUNDARY LINE                                  |
|  | NEW STORM LINE/ MANHOLE<br>OR 18"x48" CURB BOX |
|  | PROPOSED FLOW DIRECTION                        |
|  | EXISTING MJR CONTOUR (5')                      |
|  | EXISTING MNR CONTOUR (1')                      |
|  | PROPOSED MJR CONTOUR (5')                      |
|  | PROPOSED MNR CONTOUR (1')                      |
|  | EXISTING ASPHALT                               |
|  | NEW ASPHALT                                    |
|  | EXISTING CONCRETE                              |
|  | NEW CONCRETE                                   |
|  | DRAINAGE BOUNDARY                              |



STORM DRAINAGE CALCULATION (AREA)

CONTRIBUTING DRAINAGE AREA: 163,509 S.F.(3.75 acres)  
IMPERVIOUS AREA: 35,340 S.F. Road  
21,000 S.F. Homes  
56,340 S.F. Total

C-IMPERVIOUS: 0.9  
C\*A=50,706  
REMAINING UNDEVELOPED AREA: 107,169 S.F.  
C-UNDEVELOPED: 0.15  
C\*A= 16,075  
C-POST= 66,781 / 163,509 = 0.41

LENGTH OF DRAINAGE PATH: 425 FEET  
TIME OF CONCENTRATION:  $425/180 + 10 = 12.36$  MIN  
1100=3.9 IN/HR

Q100 = (3.9IN/HR)\*0.41\*3.75 ACRES= 6.04 CFS  
CAPACITY OF EACH 15 IN PIPE @ 0.5% = 4.90 CFS

Percolation rate per test performed on  
December 13, 2014: 9.36 inches per hour.

[illegible]

USE 59'x30'x8.5' SUMP

REVISION		<div><div><div>AE</div><div>C</div></div><div>ALLIANCE CONSULTING ENGINEERS</div><div>150 EAST 200 NORTH SUITE P LOGAN, UTAH 84321</div></div>	
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