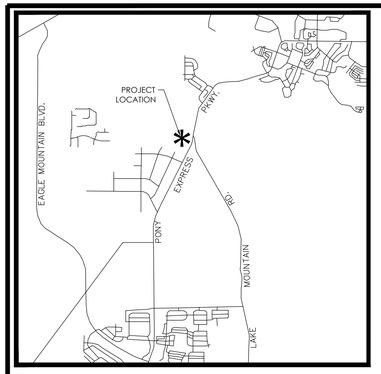
OVERLAND VILLAGE 2 PHASE A PRELIMINARY

PREPARED FOR:

IVORY HOMES

LOCATED IN:

EAGLE MOUNTAIN CITY, UTAH



VICINITY MAP

NTS

ROAD SECTION NOTES

1. **PROOF ROLLS:** PROOF ROLL REQUIRED ON ALL SECTIONS OF ROAD: I.E. SUB-GRADE, SUB-BASE, CURB BASE, AND ROAD BASE. CURB STAKES REQUIRED FOR SUB-GRADE INSPECTION AND STRING LINE REQUIRED FOR SUB-BASE AND ROAD BASE INSPECTION
2. **UTBC:** STATE SPEC. ROAD BASE REQUIRED FOR ALL ROADS, COMMERCIAL BASE ACCEPTABLE FOR SIDEWALKS & TRAILS.
3. **COLLARS:** COLLARS TO BE 1' WIDE BY 1' DEEP WITH A 6000 PSI CONCRETE WITH 1.5# FIBER MESH PER CUBIC YARD (3/4" MONOFILAMENT) REQUIRED FOR ALL STREET COLLARS. MANHOLE COVERS AND WATER VALVE TOWERS TO BE 1/2" DOWN FROM ASPHALT EDGE AND CONCRETE TO BE 1/4" TO 3/8" DOWN FROM ASPHALT EDGE.

WATER NOTES

1. **VALVES:**
A. VALVES MUST BE FLANGED TO TEE'S (FITTINGS)
B. VALVES 12" AND LARGER TO BE BUTTERFLY VALVES
2. **BEDDING:** SAND MUST MEET AASHTO (A-3) GRADATION WITH 100% PASSING THE #4 SIEVE. 6" BELOW PIPE ON THE SIDES & 12" ABOVE PIPE (MINIMUM)
3. **DEPTH:** WATER MAIN & LATERALS MUST MAINTAIN 4' COVER FROM FINISHED GRADE (MINIMUM), 3' MINIMUM FROM TOP OF PIPE AT TIME OF INSTALLATION. MAX DEPTH 72" FROM FINISHED GRADE.
4. **SERVICES & FITTINGS:** SERVICES & FITTINGS TO MAINTAIN 3' MINIMUM SEPARATION FROM PIPE JOINTS AND OTHER FITTINGS
5. **SETTERS:** ALL SETTERS TO BE 21" TALL (MINIMUM), HAVE UNIONS AT THE BASE AND BE DUAL CHECK MODEL, ALSO 3/4" SETTERS TO HAVE DOUBLE BRACES. SETTERS TO BE AT 18" TO 22" FROM THE TOP OF SETTER TO TOP OF LID.
6. **WATER CAN LID:** ALL LIDS TO SAY "EAGLE MOUNTAIN" ON THEM RECESSED IN A HOLE FOR THE ERT AND TO BE SET AT LEVEL TO 1"ABOVE THE PLANE OF THE CURB & SIDEWALK
7. **WATER CAN:** THE WATER CAN FOR 3/4" & 1" SERVICES WILL NEED TO BE A 36" TALL MINIMUM AND 21" INSIDE DIAMETER. WATER CAN FOR 1-1/2" TO 2" SERVICE WILL NEED TO FOLLOW APWA SPECIFICATION.
8. **HYDRANTS:** HYDRANTS TO BE 5" BURY (MINIMUM)
9. **LATERALS:** ALL LATERALS NEED TO BE GIS (SHOT IN) AT THE CORP. STOP & SETTER, AND ALSO VISUAL INSPECTION ON POLY INSERTS BEFORE BACKFILL. WATER LATERALS TO EXTEND 15" INTO PROPERTY AND BE MARKED WITH A 2X4 PAINTED BLUE. ALL POLY LINES TO HAVE VISUAL POLY INSERT INSPECTION.
10. **TRACER WIRE:** RUN TRACER WIRE ALONG MAIN & EXTEND UP SETTERS AND HYDRANTS, DO NOT RUN UP VALVE BOXES.
11. **WATER FITTINGS:** ALL WATER FITTINGS TO BE CHECKED FOR THRUST BLOCKS (PRE & POST) AND GIS (SHOT IN) BEFORE BACKFILL
12. **VERTICAL SEPARATION:** WATER MAIN TO MAINTAIN 18" MINIMUM SEPARATION FROM STORM DRAIN OR OTHER OBSTACLES/UTILITIES
13. **WATER LINE FITTINGS:** ALL FITTINGS TO HAVE MEGA LUG FOLLOWERS
14. **WATER MAIN LINE:** NO DEFLECTION OR BENDING OF PIPE WILL BE ALLOWED IN THE WATER LINES AND BEND FITTINGS WILL BE REQUIRED. ALL FITTINGS TO BE MEGA-LUG FITTINGS.

SEWER NOTES

1. **PIPE BEDDING:** 3/4" GRAVEL REQUIRED 6" BELOW, ON THE SIDES & 12" ABOVE THE PIPE (MINIMUM)
2. **DEPTH:** SEWER MAIN/LATERALS TO MAINTAIN 4' COVER (MINIMUM) FROM FINISHED GRADE, 3' MINIMUM FROM TOP OF PIPE AT TIME OF INSTALLATION
3. **SEPARATION:** SEWER MAINS & LATERALS TO MAINTAIN 10' SEPARATION (MINIMUM) FROM CULINARY WATER MAINS & LATERALS
4. **SEWER Y'S:** 3' MINIMUM SEPARATION BETWEEN SEWER Y'S
5. **LATERAL STUBS:**
A. STUBS MUST EXTEND 15' INTO PROPERTY AND BE MARKED WITH 2X4 PAINTED GREEN.
B. ALL LATERALS MUST BE GIS (SHOT IN) AT THE Y'S AND STUBS. ALSO, SLOPES (2% MIN. ON 4" PIPE) TO BE CHECKED BEFORE BACKFILL
6. **MANHOLES:** MANHOLES TO BE WITHIN 1' OF FINISHED GRADE. 12" OF WHIRLY GIG FORM (MAX) AND NO FLAT RINGS ALLOWED. 12" OF 3/4" GRAVEL REQUIRED UNDER MANHOLES/BOXES.

STORM DRAIN NOTES

1. **BEDDING:** 3/4" GRAVEL 6" BELOW AND ON SIDES OF PIPE & 12" ABOVE PIPE (MINIMUM)
2. **ADS:** ALL ADS PIPE TO BE "HP" BRAND
3. **COLLARS:** COLLARS TO BE 1'X1' AROUND PIPE, 4000 PSI CONCRETE, INSPECTION IS NEEDED PRE & POST COLLAR POUR.
4. **MANHOLES:** MANHOLES TO BE WITHIN 1' OF FINISHED GRADE. 12" OF WHIRLY GIG FORM (MAX) AND NO FLAT RINGS ALLOWED. 12" OF 3/4" GRAVEL REQUIRED UNDER MANHOLES/BOXES.

GENERAL NOTES

1. CONTRACTOR TO FIELD VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION, AND REPORT ANY DISCREPANCIES TO THE ENGINEER.

2. ANY AND ALL DISCREPANCIES IN THESE PLANS ARE TO BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO COMMENCEMENT OF CONSTRUCTION.

3. ALL CONSTRUCTION SHALL ADHERE TO EAGLE MOUNTAIN STANDARD PLANS AND SPECIFICATIONS.

4. ALL UTILITIES AND ROAD IMPROVEMENTS SHOWN ON THE PLANS HEREIN SHALL BE CONSTRUCTED USING REFERENCE TO SURVEY CONSTRUCTION STAKES PLACED UNDER THE SUPERVISION OF A PROFESSIONAL LICENSED SURVEYOR WITH A CURRENT LICENSE ISSUED BY THE STATE OF UTAH. ANY IMPROVEMENTS INSTALLED BY ANY OTHER VERTICAL OR HORIZONTAL REFERENCE WILL NOT BE ACCEPTED OR CERTIFIED BY THE ENGINEER OF RECORD.

5. THIS DRAWING SET IS SCALED TO BE PRINTED ON A 24" X 36" SIZE OF PAPER (ARCH. D). IF PRINTED ON A SMALLER PAPER SIZE, THE DRAWING WILL NOT BE TO SCALE AND SHOULD NOT BE USED TO SCALE MEASUREMENTS FROM THE PAPER DRAWING. ALSO USE CAUTION, AS THERE MAY BE TEXT OR DETAIL THAT MAY BE OVERLOOKED DUE TO THE SMALL SIZE OF THE DRAWING.

NOTICE

BEFORE PROCEEDING WITH THIS WORK, THE CONTRACTOR SHALL CAREFULLY CHECK AND VERIFY ALL CONDITIONS, QUANTITIES, DIMENSIONS, AND GRADE ELEVATIONS, AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER.

ENGINEER'S NOTES TO CONTRACTOR

1. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS, TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN OR NOT SHOWN ON THESE DRAWINGS. IF UTILITY LINES ARE ENCOUNTERED DURING CONSTRUCTION THAT ARE NOT IDENTIFIED BY THESE PLANS, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.

2. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE CITY, THE OWNER, AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

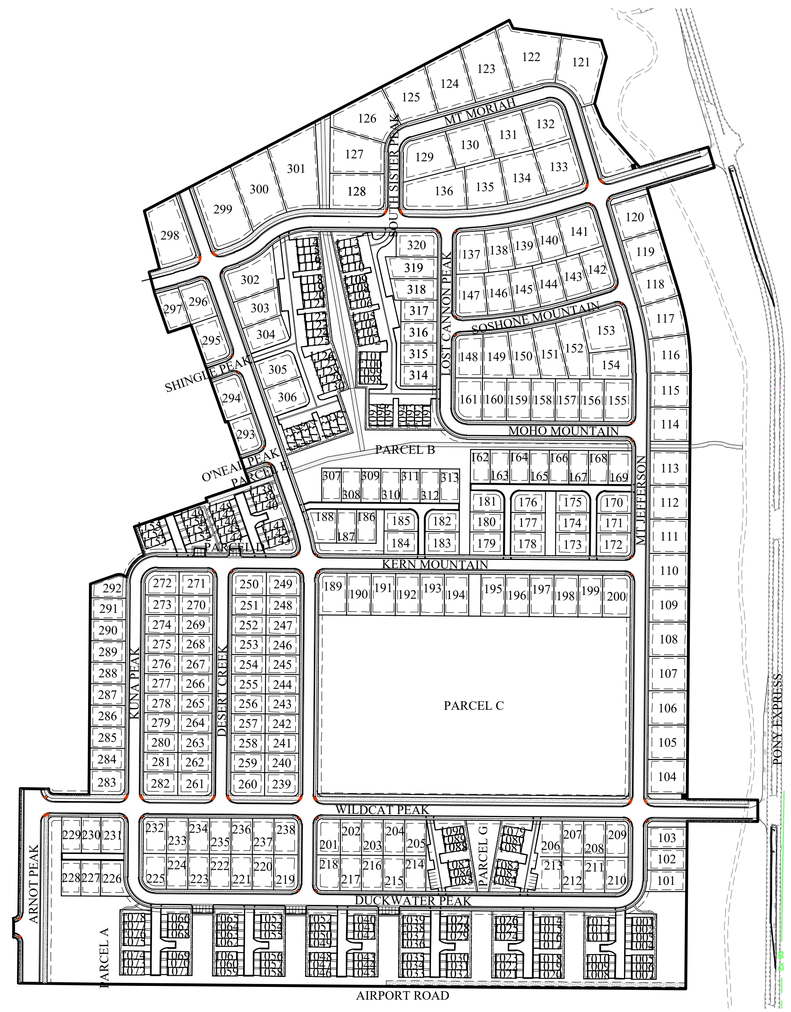
3. UNAUTHORIZED CHANGES & USES: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

4. ALL CONTOUR LINES SHOWN ON THE PLANS ARE AN INTERPRETATION BY CAD SOFTWARE OF FIELD SURVEY WORK PERFORMED BY A LICENSED SURVEYOR. DUE TO THE POTENTIAL DIFFERENCES IN INTERPRETATION OF CONTOURS BY VARIOUS TYPES OF GRADING SOFTWARE BY OTHER ENGINEERS OR CONTRACTORS, FOCUS DOES NOT GUARANTEE OR WARRANTY THE ACCURACY OF SUCH LINEWORK. FOR THIS REASON, FOCUS WILL NOT PROVIDE ANY GRADING CONTOURS IN CAD FOR ANY TYPE OF USE BY THE CONTRACTOR. SPOT ELEVATIONS AND PROFILE ELEVATIONS SHOWN IN THE DESIGN DRAWINGS GOVERN ALL DESIGN INFORMATION ILLUSTRATED ON THE APPROVED CONSTRUCTION SET. CONSTRUCTION EXPERTISE AND JUDGMENT BY THE CONTRACTOR IS ANTICIPATED BY THE ENGINEER TO COMPLETE BUILD-OUT OF THE INTENDED IMPROVEMENTS.

CONTACTS

ENGINEER & SURVEYOR
FOCUS ENGINEERING & SURVEYING, LLC
6949 S. HIGH TECH DRIVE SUITE 200
MIDVALE, UTAH 84047
(801) 352-0075
PROJECT MANAGER: MATHEW WANGSGAARD
SURVEY MANAGER: SPENCER LLEWELYN

OWNER/DEVELOPER
IVORY HOMES
978 EAST WOODOAK LANE
SALT LAKE CITY, UTAH 84117
(801) 407-6891
CONTACT: BRYON PRINCE



SITE MAP

Sheet List Table	
Sheet Number	Sheet Title
C1	COVER SHEET
C2	PRELIMINARY PLAT
C2.1	PRELIMINARY PLAT
C3	OVERALL SITE PLAN
C3.1	SITE PLAN
C3.2	SITE PLAN
C3.3	SITE PLAN
C3.4	SITE PLAN
C3.5	SITE PLAN LANDSCAPING
C3.6	PRELIMINARY TRAIL PLAN
C4	PRELIMINARY GRADING & DRAINAGE PLAN
C4.1	PRELIMINARY GRADING & DRAINAGE PLAN
C4.2	PRELIMINARY GRADING & DRAINAGE PLAN
C4.3	PRELIMINARY GRADING & DRAINAGE PLAN
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C4.5	PRELIMINARY GRADING & DRAINAGE PLAN
C4.6	PRELIMINARY GRADING & DRAINAGE PLAN
C4.7	PRELIMINARY GRADING & DRAINAGE PLAN
C5.1	UTILITY PLAN
C5.2	UTILITY PLAN
C6	EROSION CONTROL PLAN
L1.1	LANDSCAPE PLAN
L1.2	LANDSCAPE PLAN

Know what's below. Call 811 before you dig.

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

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ENGINEERING AND SURVEYING, LLC
6949 S. HIGH TECH DRIVE SUITE 200
MIDVALE, UTAH 84047 PH: (801) 352-0075
www.focusutah.com

FOR REVIEW ONLY

OVERLAND VILLAGE 2 PHASE A PRELIMINARY

EAGLE MOUNTAIN CITY, UTAH

COVER SHEET

REVISION BLOCK

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COVER SHEET

Scale:	1"=200'	Drawn:	GB
Date:	03/17/21	Job #:	20-0479
Sheet:	C1		

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PRELIMINARY PLAT

OVERLAND VILLAGE 2 PHASE A PRELIMINARY

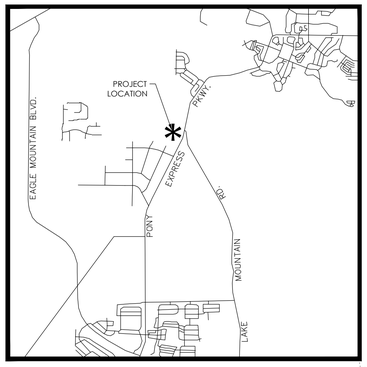
LOCATED IN THE NE$\frac{1}{4}$ AND NW $\frac{1}{4}$ OF SECTION 36, T5S, R12W, SLB&M
EAGLE MOUNTAIN CITY, UTAH COUNTY, UTAH

PLAT CALCULATIONS

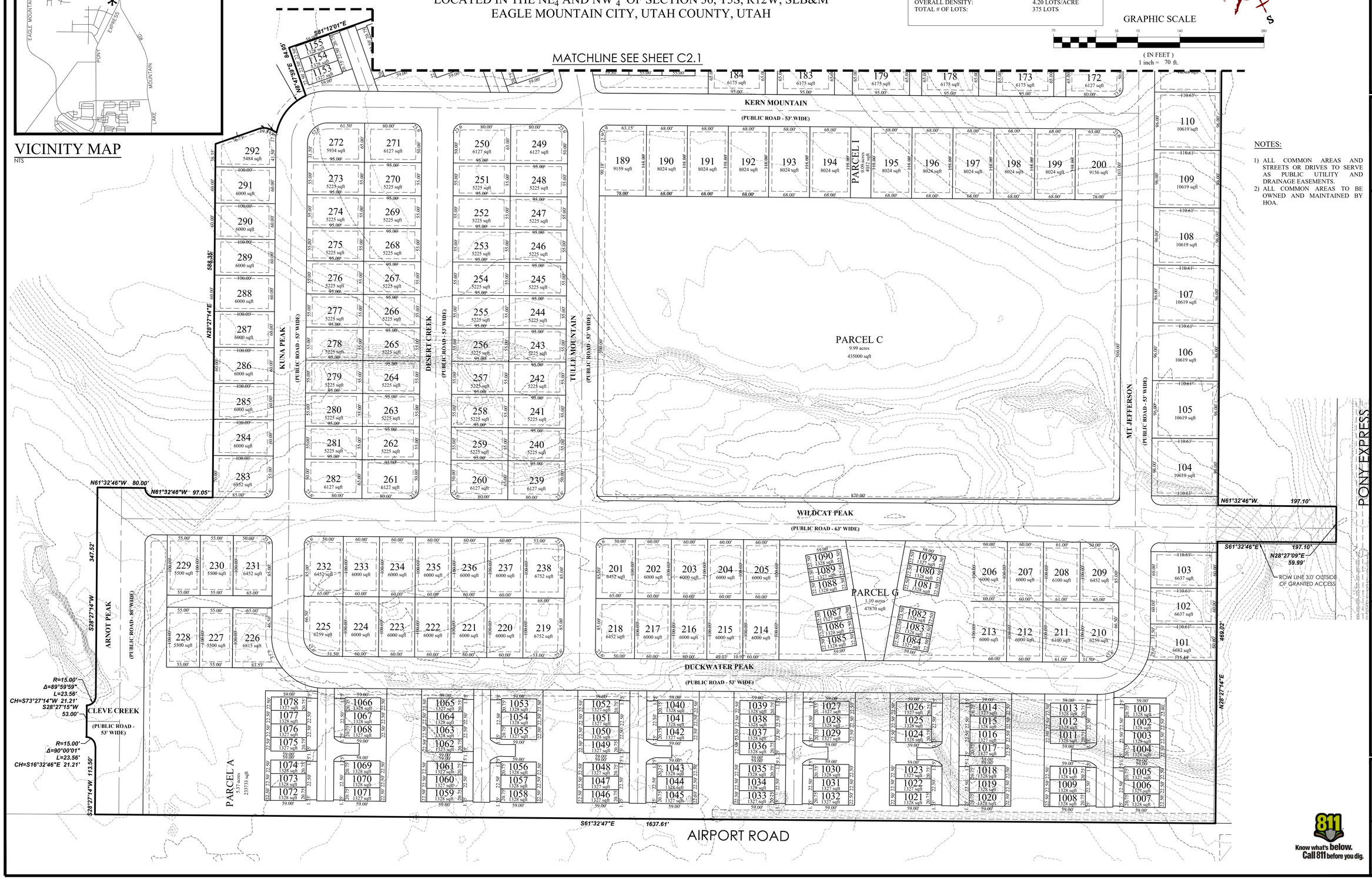
TOTAL ACREAGE:	89.29± ACRES
TOTAL ACREAGE IN LOTS:	44.46± ACRES
TOTAL ACREAGE IN ROW:	19.14± ACRES
TOTAL OPEN SPACE:	10.01± ACRES
TOTAL INSTITUTIONAL ACREAGE:	9.99± ACRES
AVERAGE LOT SIZE:	0.12± ACRES
LARGEST LOT SIZE:	0.59± ACRES
SMALLEST LOT SIZE:	0.03± ACRES
OVERALL DENSITY:	4.20 LOTS/ACRE
TOTAL # OF LOTS:	375 LOTS

GRAPHIC SCALE

(IN FEET)
1 inch = 70 ft.



VICINITY MAP
NTS



NOTES:

1) ALL COMMON AREAS AND STREETS OR DRIVES TO SERVE AS PUBLIC UTILITY AND DRAINAGE EASEMENTS.
2) ALL COMMON AREAS TO BE OWNED AND MAINTAINED BY HOA.

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OVERLAND VILLAGE 2 PHASE A PRELIMINARY
EAGLE MOUNTAIN CITY, UTAH
PRELIMINARY PLAT

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PRELIMINARY PLAT

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PRELIMINARY PLAT

OVERLAND VILLAGE 2 PHASE A PRELIMINARY

LOCATED IN THE NE$\frac{1}{4}$ AND NW$\frac{1}{4}$ OF SECTION 36, T5S, R12W, SLB&M
EAGLE MOUNTAIN CITY, UTAH COUNTY, UTAH

LEGAL DESCRIPTION
PREPARED FOR
OVERLAND VILLAGE 2
EAGLE MOUNTAIN CITY, UTAH
(Rev March 12, 2021)
20-0479

PRELIMINARY PLAT BOUNDARY

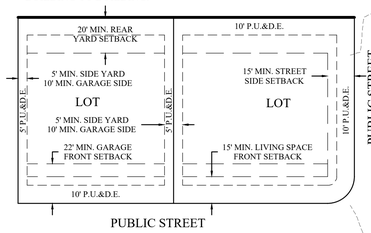
A portion of the NE1/4 and NW1/4 of Section 36, Township 5 South, Range 2 West, Salt Lake Base and Meridian, Eagle Mountain, Utah, more particularly described as follows:

Beginning at a point located S89°36'58"E along the Section line 371.92 feet from the North 1/4 Corner of Section 36, T5S, R2W, SLB&M; thence S89°36'58"E along the Section line 1,150.24 feet to the West line of Pony Express Trail A as described in that Amended and Restated State of Utah Exchange Patent 19737 in Entry No. 63439:2005 of the Official Records of Utah County; thence along said patent the following three (3) courses: 1) S00°23'02"W 25.00 feet; 2) S54°09'26"E 248.32 feet; 3) S11°08'55"W 48.72 feet to the Northerly Corner of that Real Property described in Exhibit A of the State of Utah Exchange Patent No. 19968 in Entry No. 28888:2007 of the Official Records of Utah County; thence along said patent the following three (3) courses: 1) S42°09'31"W 134.22 feet; 2) S06°36'38"W 68.52 feet; 3) S13°15'31"E 154.22 feet to the Southwesterly Corner of Pony Express Trail A as described in said Amended and Restated State of Utah Exchange Patent 19737; thence S78°51'05"E along said patent 199.60 feet to the Westerly Right-of-Way Line of Pony Express Parkway as described as the Sweetwater Road Realignment in the State of Utah Exchange Patent No. 19679 in Entry No. 19071:2005 of the Official Records of Utah County; thence S11°08'50"W along said right-of-way 60.00 feet to the Northeast Corner of Pony Express Trail B as described in that Amended and Restated State of Utah Exchange Patent 19737 in Entry No. 63439:2005 of the Official Records of Utah County; thence along said patent the following five (5) courses: 1) N78°51'05"W 196.98 feet; 2) S11°08'55"W 315.69 feet; 3) along the arc of a curve to the right with a radius of 712.61 feet a distance of 215.23 feet through a central angle of 17°18'19" Chord: S19°48'05"W 214.42 feet; 4) S28°27'14"W 1,194.43 feet; 5) S61°32'46"E 197.10 feet to the Westerly Right-of-Way Line of Pony Express Parkway as described as the Sweetwater Road Realignment in said State of Utah Exchange Patent No. 19679; thence S28°27'09"W along said patent 60.00 feet to the Northeast Corner of Pony Express Trail C1 as described in that Amended and Restated State of Utah Exchange Patent 19737 in Entry No. 63439:2005 of the Official Records of Utah County; thence along said patent the following two (2) courses: 1) N61°32'46"W 197.10 feet; 2) S28°27'14"W 469.02 feet to the Northerly Right-of-Way line of Airport Road described in the State of Utah Exchange Patent No. 19679 in Entry No. 19071:2005 of the Official Records of Utah County; thence N61°32'47"W along said right-of-way 1,864.66 feet; thence N28°27'14"E 113.50 feet; thence along the arc of a curve to the left with a radius of 15.00 feet a distance of 23.56 feet through a central angle of 90°00'01" Chord: N16°32'46"W 21.21 feet; thence N28°2715"E 53.00 feet; thence Easterly along the arc of a non-tangent curve to the left having a radius of 15.00 feet (radius bears: N28°27'13"E) a distance of 23.56 feet through a central angle of 89°59'59" Chord: N73°27'14"E 21.21 feet; thence N28°27'14"E 347.52 feet; thence S61°32'46"E 80.00 feet; thence Southerly along the arc of a non-tangent curve to the left having a radius of 15.00 feet (radius bears: S61°32'46"E) a distance of 23.56 feet through a central angle of 90°00'00" Chord: S16°32'46"E 21.21 feet; thence S61°32'46"E 97.05 feet; thence N28°27'14"E 588.35 feet; thence S81°12'01"E 76.73 feet; thence along the arc of a curve to the right with a radius of 25.00 feet a distance of 19.35 feet through a central angle of 44°20'11" Chord: S59°01'55"E 18.87 feet; thence S36°51'49"E 11.64 feet; thence Northeasterly along the arc of a non-tangent curve to the right having a radius of 86.50 feet (radius bears: S50°13'56"E) a distance of 80.51 feet through a central angle of 53°19'45" Chord: N66°25'56"E 77.64 feet; thence N08°47'59"E 84.95 feet; thence S81°12'01"E 216.00 feet; thence N08°47'59"E 9.03 feet; thence S81°12'01"E 128.32 feet; thence N08°47'59"E 182.71 feet; thence N81°12'01"W 8.00 feet; thence N08°47'59"E 289.00 feet; thence N81°12'01"W 68.00 feet; thence N08°47'59"E 115.08 feet; thence N13°12'19"E 63.00 feet; thence S76°47'41"E 31.18 feet; thence N13°12'19"E 168.63 feet to the point of beginning.

Contains: 89.29 acres+/-

NOTES:

1) ALL COMMON AREAS AND STREETS OR DRIVES TO SERVE AS PUBLIC UTILITY AND DRAINAGE EASEMENTS.
2) ALL COMMON AREAS TO BE OWNED AND MAINTAINED BY HOA.
3) TOWNHOMES MUST BE 15' FROM ROADS AND 15' FROM BUILDING TO BUILDING.



TYPICAL BUILDING SETBACKS
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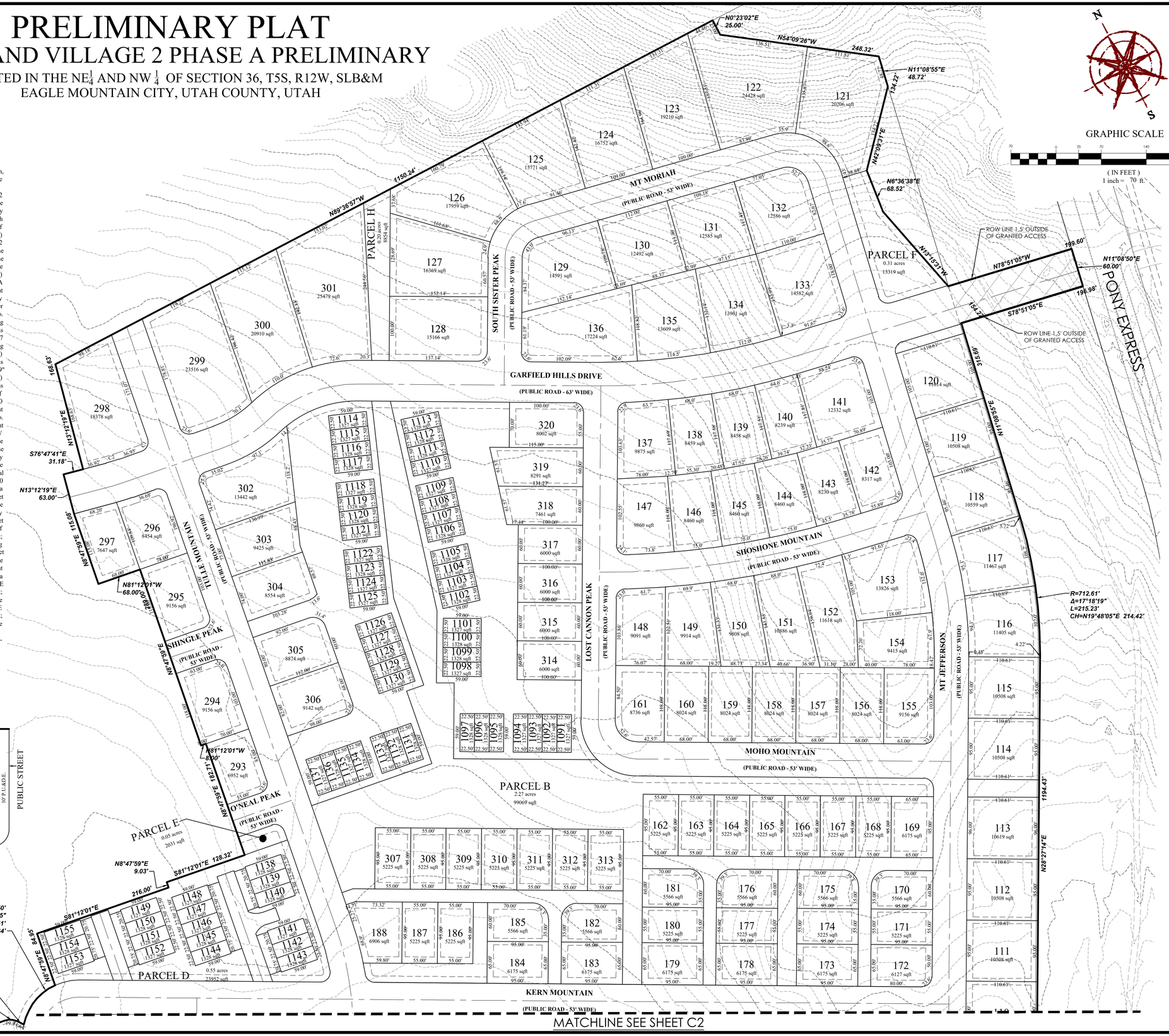

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PRELIMINARY PLAT

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PRELIMINARY PLAT

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