SECTION 12

T3S, R1E, SLB&M (FOUND LEAD PLUG IN STONE)

BENCHMARK

WEST QUARTER CORNER OF SECTION 12. TOWNSHIP 3 SOUTH, RANGE 1 EAST SALT LAKE BASE AND MERIDIAN ELEV = 5240.94'

SURVEYOR'S NARRATIVE

I, Patrick M. Harris do hereby state that I am a Professional Land Surveyor and that I hold certificate no. 286882 as prescribed by the laws of the State of Utah and represent that I have made a survey of the following described property. The Purpose of this survey is to provide a Boundary and Topographic Survey for use by the client. The Basis of Bearing is the line between the West Quarter Corner and the Center of Section 12, Township 3 South, Range 1 East, Salt Lake Base and Meridian measuring South 89°56'47" East 2629.62 feet.

PROPERTY DESCRIPTION

Beginning at a point on the east line of Lot 4, Mountain Valley Subdivision, said point being South 89°56'47" East 1,673.53 feet along the section line and North 559.90 feet from the West Quarter Corner of Section 12, Township 3 South, Range 1 East, Salt Lake Base and Meridian and running:

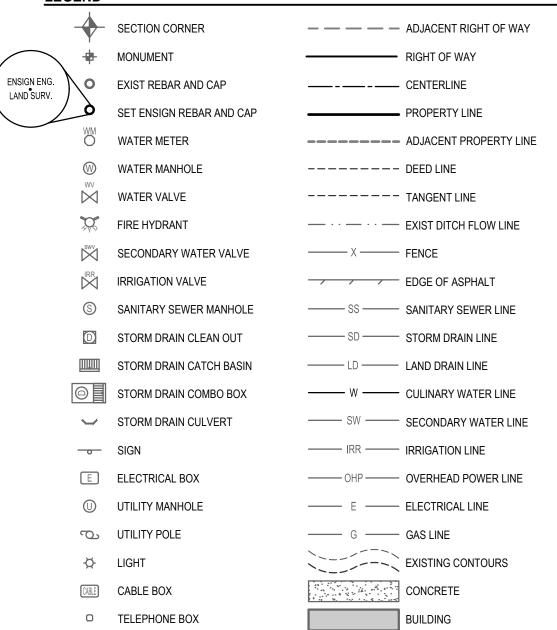
thence North 03°12'42" East 90.00 feet along said east line to the northeast corner of said Lot 4; thence South 85°30'42" East 90.05 feet to a point on the west line of 3775 East Street; thence South 03°12'43" West 90.00 feet along said west line; thence North 85°30'42" West 90.05 feet to the point of beginning

Contains 8,103 square feet or 0.186 acres.

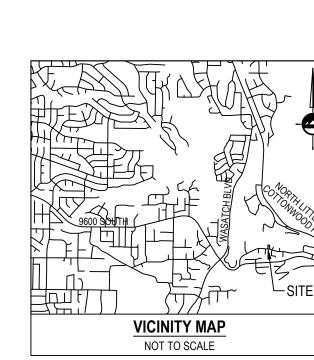
2/27/24 Date

Patrick M. Harris License No. 286882

LEGEND



NOTE: MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PLAN SET.



FLAT BRASS CAP)

GAS METER

TREE

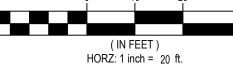


PUBLIC DRAINAGE EASEMENT

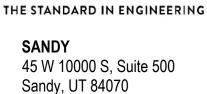
DENSE VEGETATION PREVENTING

ACCESS FOR ACCURATE SURVEY

HORIZONTAL GRAPHIC SCALE



LOCATED IN THE NORTHWEST QUARTER **OF SECTION 12 TOWNSHIP 3 SOUTH, RANGE 1 EAST** SALT LAKE BASE AND MERIDIAN SANDY CITY, SALT LAKE COUNTY, UTAH



Phone: 801.255.0529

LAYTON Phone: 801.547.1100

TOOELE Phone: 435.843.3590 **CEDAR CITY**

Phone: 435.865.1453 **RICHFIELD**

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ROBERT MEEK 3761 EAST LITTLE COTTONWOOD LANE

SANDY, UTAH, 84092

CONTACT: ROBERT MEEK PHONE: 385-481-0189

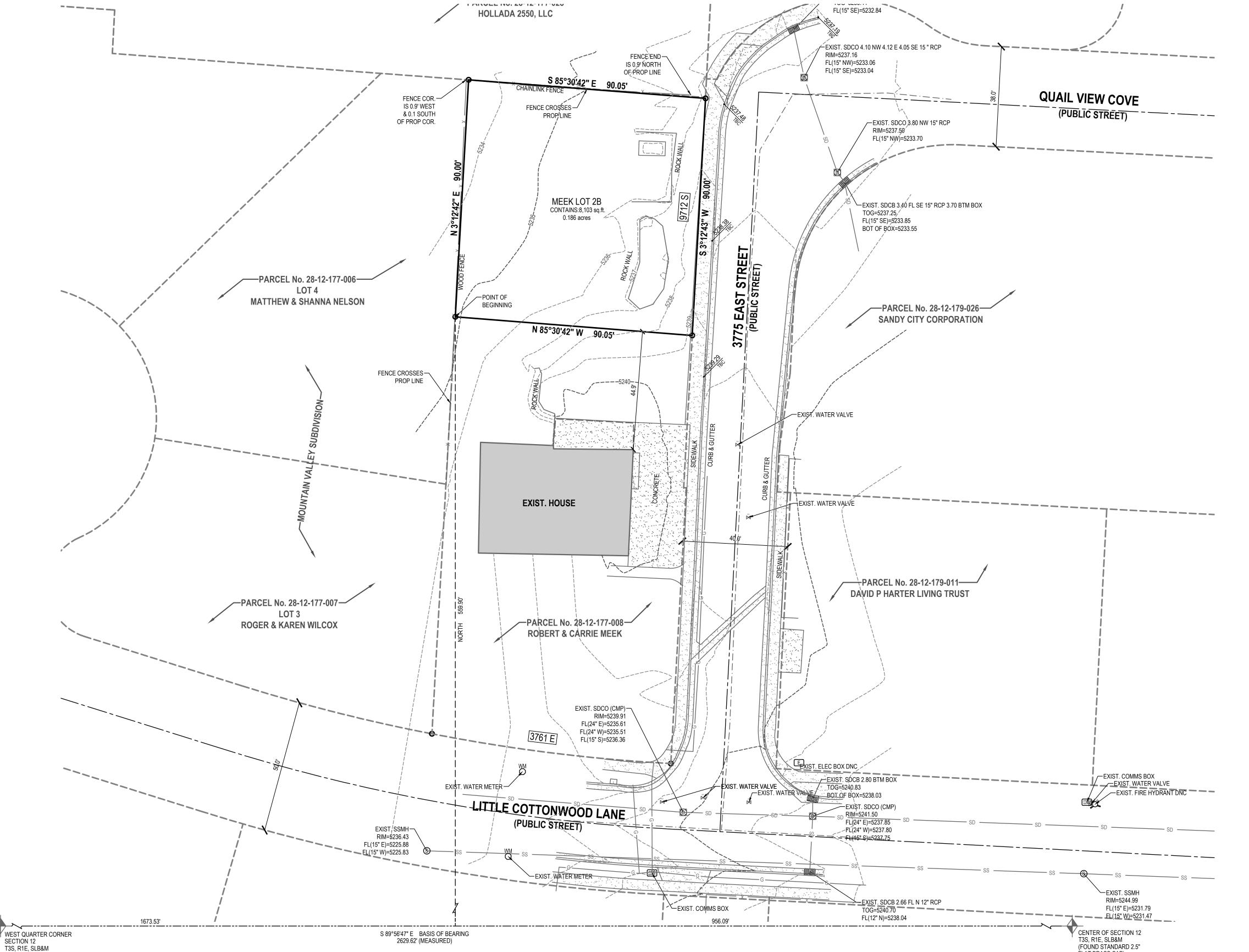
SURVE OGRAPHIC '5 EAS' 84092 **2B** O 377 UTH **_** 10 MEE S0I ර

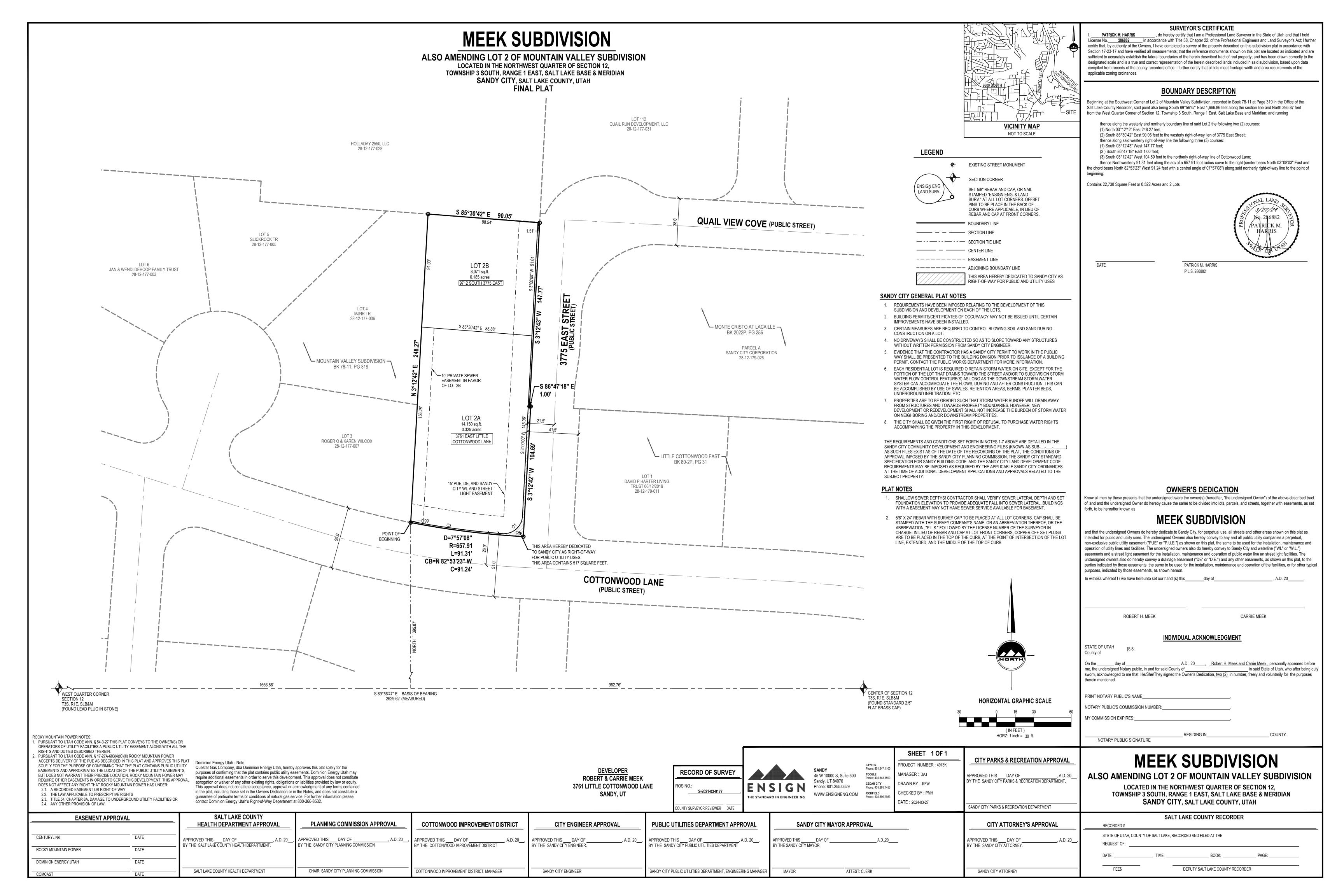
BOUNDAR

AH,

BOUNDARY & TOPOGRAPHIC **SURVEY**

> PROJECT NUMBER 2024-03-27 PROJECT MANAGER DESIGNED BY
> P. Harris B. Greenleaf





CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY Call before you dig. CONSTRUCTION.

BENCHMARK

WEST QUARTER CORNER OF SECTION 12, TOWNSHIP 3 SOUTH, RANGE 1 EAST SALT LAKE BASE AND MERIDIAN

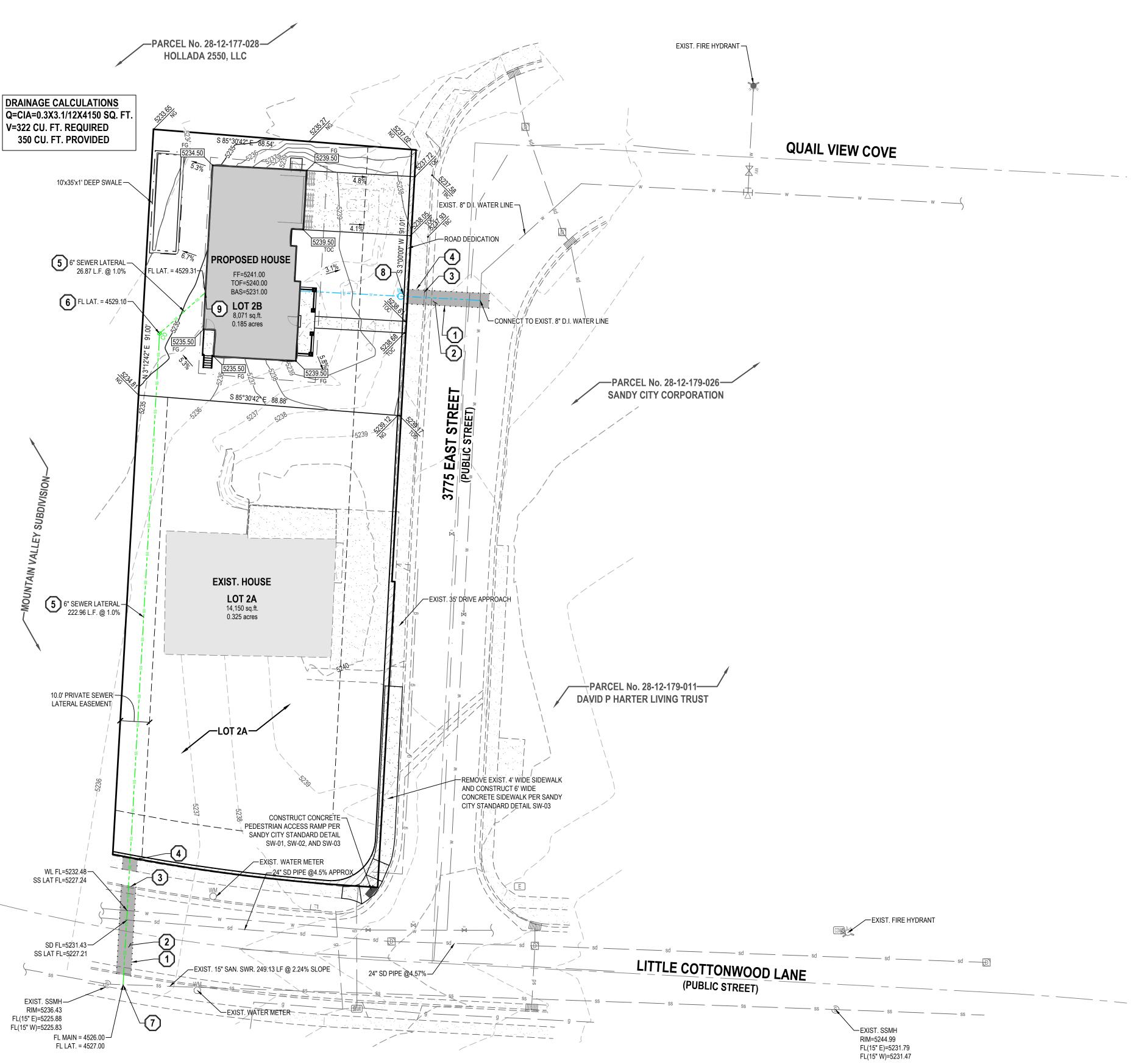
ELEV = 5240.94'

SANDY CITY PUBLIC WORKS GENERAL NOTES

- 1. THE CONTRACTOR SHALL OBTAIN A PERMIT TO WORK IN THE PUBLIC WAY (ROAD CUT PERMIT) FROM THE PUBLIC WORKS DEPARTMENT. CONTACT MONICA PETERSEN (801-568-2960, MPETERSEN@SANDY.UTAH.GOV) FOR REQUIREMENTS. TRAFFIC PLAN, BONDING, AND INSURANCE WILL BE REQUIRED (Sec. 10-1).
- 2. NOTIFY SANDY CITY PUBLIC WORKS INSPECTION DEPARTMENT, 801-568-2999, 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OF ANY ROADWAYS OR PUBLIC IMPROVEMENTS, INCLUDING SEWER FACILITIES. ALL INSPECTIONS MUST BE DONE PRIOR TO OR CONCURRENT WITH CONSTRUCTION. FAILURE TO MAKE THIS NOTIFICATION MAY RESULT IN THE UNCOVERING AND/OR REMOVAL OF ALL ITEMS INSTALLED WITHOUT NOTIFICATION, AT THE DISCRETION OF THE CITY ENGINEER.
- ALL PUBLIC IMPROVEMENTS, WHICH ARE TO BE OWNED AND MAINTAINED BY SANDY CITY, AND ALL PUBLICLY-AND PRIVATELY-OWNED AND MAINTAINED ROADS SHALL BE CONSTRUCTED ACCORDING TO THE SANDY CITY STANDARD SPECIFICATIONS AND DETAILS FOR MUNICIPAL CONSTRUCTION (LATEST EDITION). THE SPECIFICATIONS CAN BE FOUND IN .PDF FORMAT ON LINE AT WWW.SANDY.UTAH.GOV (SEARCH FOR
- 4. PROVIDE A PROCTOR TEST, FOR ROADBASE MATERIAL THAT IS TO BE PLACED IN THE PUBLIC RIGHT-OF WAY, TO THE SANDY CITY PUBLIC WORKS INSPECTOR, WHEN DELIVERED OR PLACED ON SITE.
- 5. DUST, MUD, AND EROSION SHALL BE ADEQUATELY CONTROLLED, BY WHATEVER MEANS NECESSARY, AND THE ROADWAY SHALL BE KEPT FREE OF MUD AND DEBRIS, AT ALL TIMES. HOWEVER, THE USE OF MOTOR OILS AND OTHER PETROLEUM-BASED OR TOXIC LIQUIDS, FOR DUST SUPPRESSION, IS ABSOLUTELY PROHIBITED.
- 6. ANY PROPOSED CHANGES TO THE APPROVED DESIGN SHALL BE REVIEWED AND APPROVED BY THE ENGINEER OR ARCHITECT OF RECORD AND THE CITY ENGINEER.
- PRIOR TO RELEASE OF THE IMPROVEMENT COMPLETION ASSURANCE (BOND), THE DEVELOPER SHALL SUBMIT A .PDF COPY OF THE CONTRACTOR'S SITE (NOT BUILDING) CONSTRUCTION DRAWING SET TO SANDY CITY PUBLIC WORKS DEPARTMENT. AN AS-BUILT FIELD SURVEY IS NOT REQUIRED. THE AS-BUILT DRAWING MAY BE SUBMITTED BY E-MAIL AT DPOULSEN@SANDY.UTAH.GOV, OR ON A USB FLASH DRIVE, OR THE HARD-COPY ORIGINAL MAY BE SUBMITTED TO SANDY CITY (DAVE POULSEN, 801-568-6058), WHERE THE SET WILL BE SCANNED AND RETURNED TO THE OWNER.
- 8. BUILDER/OWNER SHALL REPLACE ANY EXISTING SIDEWALK OR CURB & amp; GUTTER, ALONG THE FRONTAGE OF THIS PROJECT, THAT IS FOUND TO BE LIFTED, CHIPPED, CRACKED, SPALLED, OR NOT PROPERLY DRAINING, AS DIRECTED BY THE SANDY CITY INSPECTOR.
- 9. INSTALL COPPER PROPERTY-CORNER-OFF-SET PLUGS IN THE TOP OF THE CURB, AT THE POINT OF INTERSECTION OF THE LOT LINE, EXTENDED, AND THE MIDDLE OF THE TOP OF CURB.

SANDY CITY WATER NOTE

- 1. NOTIFY SANDY CITY PUBLIC UTILITIES INSPECTOR (801-568-7280), AT LEAST ONE WORKING DAY (24 HOURS) PRIOR TO BEGINNING ANY CONSTRUCTION.
- 2. A PRE-CONSTRUCTION MEETING IS REQUIRED ONCE FINAL APPROVAL HAS BEEN GRANTED. THE PRE-CONSTRUCTION MEETING SHALL BE SCHEDULED THROUGH SANDY CITY PUBLIC WORKS DEPARTMENT.
- 3. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REVISION OF THE SANDY CITY STANDARD SPECIFICATIONS AND DETAILS FOR MUNICIPAL CONSTRUCTION AND/OR OTHER REQUIREMENTS AS SET FORTH IN THE FINAL APPROVAL LETTER ESTABLISHED FOR THE DEVELOPMENT. SPECIFICATIONS AND DETAILS CAN BE OBTAINED ON THE SANDY CITY WEBSITE.
- SUBMITTALS ARE REQUIRED TO BE APPROVED BY THE ENGINEER FOR ALL BEDDING, BACKFILL, PIPE METERS, BOXES, VAULTS, VALVES, FIRE HYDRANTS, BLOWOFFS, VAULTS, ETC. RELATING TO THE WATER SYSTEM. SUBMITTALS MUST HAVE SUFFICIENT INFORMATION TO SHOW THAT THE PROPOSED ITEMS CONFORM TO SANDY CITY STANDARDS AND SPECIFICATIONS.
- 5. CONSTRUCTION WORK SHALL BE CONDUCTED IN ACCORDANCE WITH THE UTAH POLLUTION DISCHARGE ELIMINATION SYSTEM (UPDES) REGULATIONS.
- WATER LINES SHALL BE INSTALLED 4-FEET OFF LIP OF GUTTER ON THE NORTH AND/OR EAST SIDE OF ROADWAY. WATER LINES SHALL NOT BE INSTALLED WITHIN OR THROUGH PARKING STALLS OR UNDER CONCRETE PAVEMENT, UNLESS WATER LINE IS TO BE MAINTAINED BY PRIVATE PROPERTY OWNER.
- 7. A MINIMUM OF 48-INCHES AND A MAXIMUM OF 60-INCHES OF COVER FROM THE TOP OF PIPE TO THE FINISH GRADE IS REQUIRED.
- 8. FOR CONSTRUCTION EAST OF UTAH TRANSIT AUTHORITY'S TRAX LINE, DUCTILE IRON PIPE, USE THICKNESS CLASS 52 OR BETTER.
- 9. FOR CONSTRUCTION WEST OF UTAH TRANSIT AUTHORITY'S TRAX LINE, USE POLYVINYL CHLORIDE (PVC) PIPE,USE CLASS DR-14 OR BETTER. 10 GUAGE WIRE SHALL BE PLACED ON TOP OF THE PIPE (PER SANDY CITY SPECIFICATIONS) FOR FUTURE RELOCATION. NO DEFLECTION IN PIPE JOINTS WILL BE ALLOWED ON PVC
- 10. BECAUSE THE PROJECT IS LOCATED WEST OF THE UTAH TRANSIT AUTHORITY'S TRAX LINE AND UPON RECEIVING APPROVAL FROM SANDY PUBLIC UTILITIES, PVC C-900 (DR-14) SHALL BE USED FOR PIPE SIZE 6" TO 12" IN DIAMETER. PLACE 10-GAUGE WIRE ON TOP OF THE PIPE (PER SANDY CITY STANDARDS SPECIFICATIONS) FOR FUTURE RELOCATION. NO DEFLECTION IN PIPE JOINTS WILL BE ALLOWED ON PVC PIPES. ALL MECHANICAL JOINTS MUST BE MEGA LUGGED OR APPROVED EQUAL.
- 11. USE 6" COMPRESSION TYPE HYDRANT BY MUELLER CENTURION OR CLOW MEDALLION. EXISTING HYDRANTS REQUIRED FOR FIRE PROTECTION THAT DO NOT MEET CURRENT STANDARDS SHALL BE UPGRADED TO MEET CURRENT SANDY CITY STANDARDS.
- 12. WHEN THE DISTANCE FROM THE WATER MAIN TO THE HYDRANT IS GREATER THAN 6-FEET, AN ADDITIONAL AUXILIARY VALVE SHALL BE FLANGED TO THE FIRE HYDRANT.
- 13. ALL DEAD ENDS TO BE PLUGGED WITH A 2-INCH WASHOUT OR END WITH A FIRE HYDRANT.
- 14. ALL DUCTILE IRON WATER LINES, FITTINGS, AND VALVES SHALL BE POLY-BAGGED IN ACCORDANCE WITH SANDY CITY STANDARDS AND SPECIFICATIONS.
- 15. ALL WATERLINES SHALL BE BEDDED WITH SAND (6-INCHES MINIMUM BELOW AND 12-INCHES MINIMUM ON EACH SIDE AND ON TOP OF THE PIPE.
- 16. OIL WATER SEPARATORS SUCH AS STORM TECH, BAYSAVER, CDS OIL WATER SEPARATORS, ETC. SHALL HAVE A REPRESENTATIVE ON SITE AND A WRITTEN LETTER FROM THE MANUFACTURER STATING THAT THE SYSTEM WAS INSTALLED AND WILL FUNCTION AS DESIGNED. IF YOU ARE UNSURE IF YOUR SYSTEM WILL NEED A REPRESENTATIVE ON SITE PLEASE CONTACT THE PUBLIC UTILITIES INSPECTORS.





- 1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- 2. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY THE LOCATIONS OF EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT. THE CONTRACTOR IS TO VERIFY ALL CONNECTION POINTS WITH THE EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN. IF CONFLICTS WITH EXISTING UTILITIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION TO DETERMINE IF ANY FIELD ADJUSTMENTS SHOULD BE MADE.
- ALL SANITARY SEWER INFRASTRUCTURE TO BE INSTALLED PER COTTONWOOD SEWER IMPROVEMENT DISTRICT STANDARD PLANS AND SPECIFICATIONS.
- 4. ALL WATER INFRASTRUCTURE TO BE INSTALLED PER SANDY CITY PUBLIC UTILITIES STANDARD PLANS AND
- 6. DEFLECT OR LOOP ALL WATERLINES TO AVOID CONFLICTS WITH OTHER UTILITIES PER SANDY CITY PUBLIC UTILITIES STANDARDS AND SPECIFICATIONS.
- PROJECT SHALL COMPLY WITH ALL UTAH DIVISION OF DRINKING WATER RULES AND REGULATIONS INCLUDING.
- BUT NOT LIMITED TO, THOSE PERTAINING TO BACKFLOW PROTECTION AND CROSS CONNECTION PREVENTION. 8. THE CONTRACTOR IS TO COORDINATE ALL UTILITIES WITH MECHANICAL/PLUMBING PLANS.
- 9. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING UTILITY STRUCTURES OR PIPES.
- 10. THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- 11. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.
- 12. SIDEWALKS AND CURBS DESIGNATED TO BE DEMOLISHED SHALL BE DEMOLISHED TO THE NEAREST EXPANSION JOINT, MATCHING THESE PLANS AS CLOSELY AS POSSIBLE.

SCOPE OF WORK:

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

- SAWCUT EXISTING ASPHALT PAVEMENT TO PROVIDE A CLEAN EDGE FOR THE TRANSITION BETWEEN EXISTING AND PROPOSED ASPHALT PAVEMENT.
- (2) REMOVE AND PROPERLY DISPOSE OF EXISTING ASPHALT PAVEMENT.
- (3) SAWCUT, REMOVE, AND PROPERLY DISPOSE OF EXISTING CONCRETE CURB AND GUTTER.
- (4) SAWCUT, REMOVE, AND PROPERLY DISPOSE OF EXISTING CONCRETE SIDEWALK.
- 6" SDR-35 PVC SANITARY SEWER LATERAL, INCLUDING CLEANOUTS AT MAXIMUM 100-FOOT SPACING, PER (5) COTTONWOOD SEWER IMPROVEMENT DISTRICT STANDARDS AND SPECIFICATIONS. LENGTH AND SLOPE
- 6 SANITARY SEWER CLEANOUT PER COTTONWOOD SEWER IMPROVEMENT DISTRICT STANDARDS AND SPECIFICATIONS.
- CONNECT TO EXISTING SEWER MAIN PER COTTONWOOD SEWER IMPROVEMENT DISTRICT STANDARDS AND SPECIFICATIONS.
- INSTALL 1" IPS POLY POTABLE WATER SERVICE CONNECTION WITH 1" METER PER SANDY CITY PUBLIC UTILITIES STANDARDS AND SPECIFICATIONS.
- 9 SEE PLUMBING PLANS FOR CONTINUATION.



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3761 EAST LITTLE COTTONWOOD LANE SANDY, UTAH, 84092 CONTACT:

ROBERT MEEK PHONE: 385-481-0189

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SITE GRADING AND **UTILITY PLAN**

PROJECT NUMBER

HORIZONTAL GRAPHIC SCALE

HORZ: 1 inch = 20 ft.

PROJECT MANAGER DESIGNED BY D. Jenkins

2024-03-27