

Planning and Zoning

47 S. Main Street • Room 208 • Tooele, UT 84074 Phone: (385) 843-3160 • Fax: (435) 843-3252 http://www.co.tooele.ut.us/Building/planning.htm

SUB 2018-13

Subdivision Summary and Recommendation

Public Body: Tooele County Planning Commission

Meeting Date: August 7, 2019

Parcel ID: 05-029-0-0001

Current Zone: RR-1 (Rural Residential, 1 Acre Min)

Property Address: Located south of Lake Point Vistas (Plat 1) between 1200 East and Adobe Lane.

Request: Preliminary and final plat approval for the proposed 34-lot Lake Point Vistas (Plat 2) Subdivision.

Unincorporated: Lake Point

Planner: Jeff Miller

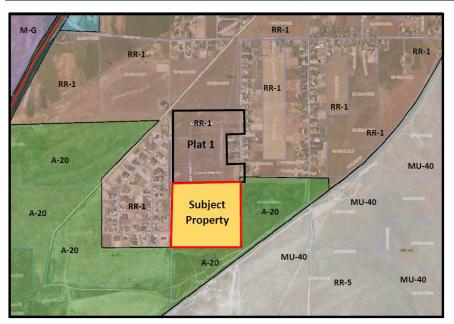
Planning Commission Recommendation: Not yet received Planning Staff Recommendation: Approval with Conditions

Applicant Name: Howard Schmidt

PROJECT DESCRIPTION

Howard Schmidt is requesting preliminary and final plat approval for the proposed 34-lot Lake Point Vistas (Plat 2) Subdivision. Recently, the Tooele County Commission adopted an ordinance update proposed by the applicant allowing up to a 6% reduction for lot sizes in the RR-1 zone with certain conditions attached for the dedication of collector class type roads. Approximately 3.74 acres are being dedicated to the County for the future construction of 1200 East.

SITE & VICINITY DESCRIPTION (see attached map)



The subject property is located south of Lake Point Vistas (Plat 1) between 1200 East and Adobe Lane. The property is surrounded by parcels zoned RR-1 to the west, north, and northeast. The parcels immediately to the west and north are occupied by single-family homes. There are parcels zoned A-20 (Agricultural, 20 Acre Minimum) to the east and south. There is a large area of undeveloped parcels zoned MU-40 (Multiple Use, 40 Acre Minimum) across the railroad tracks to the south.

ZONE CONSIDERATIONS (RR-1 Zone)

Requirement	Standard	Compliance Verified
Height	35 Feet	N/A
Front Yard Setback	30 Feet	Can Comply
	Main Building: 15 Feet	
	Accessory Buildings: 1) from the	
	front setback to distance ten feet	
Side Yard Setback	behind the main dwelling – 15 Feet.	Can Comply
	2) from a distance 10 feet behind	
	the dwelling to the rear of the lot – 10 Feet	
	Main Building: 30 Feet	
Rear Yard Setback		Can Comply
	Accessory Buildings: 10 Feet	
Lot Width	125 Feet	Yes
Lot Coverage	Maximum Building Coverage of 20%	Can Comply
	1 Acre Minimum (up to 6%	
	reduction in lot sizes equal to the	Qualifies for a 6% reduction in lot sizes (2.04
Lot Area	cumulative square footage of land	acres) based on approximately 3.74 acres
LOT ATEA	dedicated to the County for 1200	being dedicated to the County for the
	East, which will be a collector class	future construction of 1200 East.
	type road).	
	Street Grading, Street Base, On-Site	
Required Improvements	Surface Drainage Facilities, Culinary	Yes
Required improvements	Water Facilities, Wastewater	163
	Disposal and Street Monuments.	

Compatibility with existing buildings in terms of size, scale and height.	Yes
Compliance with the General Plan.	Yes

GENERAL PLAN CONSIDERATIONS

The proposed development is consistent with the Tooele County General Plan.

ISSUES OF CONCERN/PROPOSED MITIGATION

Planning Staff has not identified any issues of concern with the proposed development.

NEIGHBORHOOD RESPONSE

Planning Staff has not received any response from the surrounding neighbors. Any response that is received will be presented to the Tooele County Planning Commission on August 7, 2019.

Subdivision Summary Page 2 of 3

REVIEWING AGENCIES RESPONSE

AGENCY: County Surveying DATE: July 18

RECOMMENDATION: Approval, no further issues.

AGENCY: Ensign Engineering DATE: July 19, 2019

RECOMMENDATION: Approval, no further issues.

AGENCY: North Tooele Fire District DATE: May 22, 2019 RECOMMENDATION: Approval, Subdivision will have two main points of access.

Compliance with current building, construction, engineering, fire, health, landscape and safety standards will be verified prior to final approval.

PLANNING STAFF ANALYSIS

Planning Staff has analyzed the proposed subdivision and has found that it is cohesive with surrounding zones and uses, the Tooele County General Plan, and the Tooele County Land Use Ordinance.

The applicant is currently working with the Tooele County Commissioners to determine when 1200 East should be required to be constructed. 1200 East will currently dead end at the south end of Plat 2 of the Lake Point Vistas Subdivision. It is anticipated that it would be beneficial to construct the collector class road once a connection point to the future extension of Pole Canyon and further residential development in the area merits the construction of the road. Constructing the road before it is routinely used will cause the road to quickly deteriorate and increase maintenance costs (asphalt needs to be driven on regularly in order to be prevent premature deterioration.

Additional information regarding any decision that has been made by the County Commissioners will be presented to the Planning Commission on August 7th. 1200 East will be of beneficial use to the County once fully constructed, therefore the dedication and preservation of this transportation corridor is important (alternatively residential lots would exist across the area that is being dedicated, and this transportation corridor would most likely not be able to be constructed in the future or would be cost prohibitive to construct due to land acquisition that would be required to take place).

PLANNING STAFF RECOMMENDATION

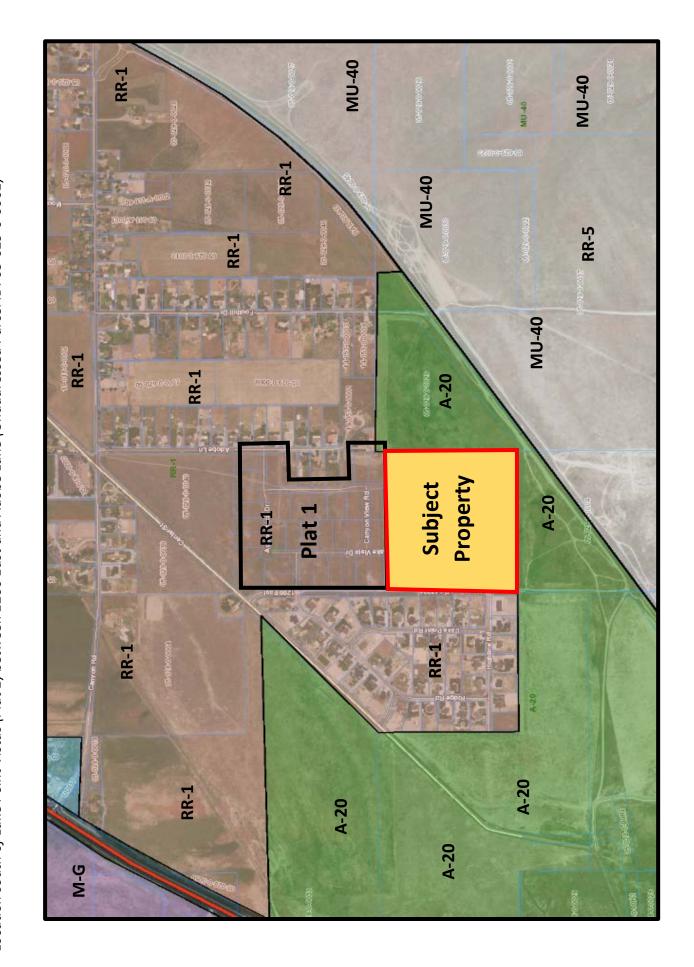
Planning Staff recommends that the Tooele County Planning Commission makes a motion to grant approval to the preliminary and final plat for the proposed 34-Lot Lake Point Vistas (Plat 2) Subdivision, subject to the following conditions:

- 1. The civil bonding must be in place prior to the recordation of the Final Plat.
- 2. Building permits cannot be applied for until the Final Plat has been recorded.
- 3. A decision is reached by the County Commissioners regarding the future construction of 1200 East prior to recordation of the Final Plat.

Subdivision Summary Page 3 of 3

SUB 2018-13: Preliminary and Final Plat Approval for the Lake Point Vistas (Plat 2) Subdivision.

Location south of Lake Point Vistas (Plat 1) between 1200 East and Adobe Lane (Unaddressed Parcel ID: 05-029-0-0001)



FINAL PLAT — LAKE POINT VISTAS PLAT 2
SUBDIVISION LOCATED IN THE EAST HALF OF SECTION 10 AND THE WEST
HALF OF SECTION 11, TOWNSHIP 2 SOUTH, RANGE 4 WEST, SALT LAKE
BASE AND MERIDIAN, LAKE POINT, TOOELE COUNTY, UTAH

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BASE WEST THE V LAKE 10 AND SALT UTAH 4 WEST, COUNTY, SECTION SOUTH, RANGE POINT, TOOELE (THE EAST HALF OF POINT STION 11, TOWNSHIP 2 SOUTHAND MERIDIAN, LAKE POINT, SUBDIVISION LOCATED IN SECTION 0 F

OWNER'S DEDICATION, GRANT, AND DECLARATION

KNOW ALL MEN by these presents, that LAKE POINT VISTAS, L.C., a Utah limited liability company, ("Grantor"), the undersigned owner of the tract of land described herein under the heading "Boundary Description" (the "Tract"), does hereby create a subdivision to be hereafter known as "Lake Point Vistas Plat 2" (the "Subdivision" or when referring to this document, the "Plat"), and, subject to the "Notice to Purchasers" contained herein and any matters of record, does hereby:

1. Cause the Tract to be subdivided into lots (singularly, a "Lot", or if more than one, the "Lots").

2. Grant, convey and dedicate to Tooele County, a body corporate and politic (the "County") those areas identified on this Plat as "Dedicated Public Road".

3. Grant, convey, and dedicate to the County and to public and private providers of utility services perpetual, non-exclusive easements and replacing buried utilities and facilities necessary or convenient to provide underground or buried utility services, over, through, and replacing buried utilities and facilities necessary or convenient to provide underground or buried utility services, over, through, and praces are grant to provide underground or buried utility services, over, through, and replacing easements").

4. Grant, convey and dedicate to the County perpetual, non-exclusive easements and rights-of-way, for purposes of installing, repairing, maintaining, and replacing storm drainage conveyance, retention, and/or detention improvements or structures over, through, and across all areas identified on this Plat as PUDEs.

5. Subject to the provisions of Item #3 hereinabove, Grant, convey, and dedicate Parcel A to to the County as right-of-way for a future dedicated public road.

NOTICE TO PURCHASERS

1. CCGRRs. The Lots and Parcels created by this Plot are subject to: (a) that certain Dedaration of Covenants, Conditions, and Essements for Lake Point Vistors' dated

to the Dedaration of Covenants, Conditions, and Essements for Lake Point Vistors' dated

To a map be a further amended from the total collectively, the LPV Declaration of Covenants, Conditions and Restrictions an

day of we have hereunto set our hands this Lake Point Vistas, L.C., a Utah limited liability company IN WITNESS WHEREOF,

By: _____

Manager

STATE OF UTAH

COUNTY OF

acknowledged before me this The foregoing instrument was Utah limited liability company.

Schmidt, as the Managers of Lake Point Vistas, L.C., 'a

My Commission Expires:

Bank of Utah hereby consents to the

Print Name:

STATE OF UTAH

The foregoing instrument the COUNTY OF

was acknowledged before me this ____ day of ____ of Bank of Utah, a Utah corporation. My Commission Expires:

Notary Public Residing at:

APPROVED A.D., 2019.

DENGINEERING

282 N. Wight Brothers Dr. Ste 120, Sat Lake City, Ut 84116
(801) 532—2520 www.binahamnet.com

APPROVED THIS A.D., 2019. APPROVED THIS A.D., 2019.

I, D. Gregg Meyers, a Professional Land Surveyor licensed under Title 58, Chapter 22, Professional Engineers and Professional Land Surveyors Licensing Act holding License No. 312770, do hereby certify that by the authority of the owners, I have made a survey of the tract of land shown on this plat and described hereon, and have subdivided said tract of land into Lots and streets (public rights—of—way), and that the same has been surveyed and staked on the ground as shown on this plat.

BOUNDARY DESCRIPTION

APPROVED 5/17/2019

Beginning at the southwest corner of Lake Point Vistas Plat 1 as recorded in the Office of the Toole County Recorder as Entry No. 468254, said point lies on the extension of the east right—of—way line of 1200 East Street as defined in Lake Point Estates Phase 1 Amended as recorded in the Office of the Toole County Recorder as Entry No. 282039, said point lies South 00'11'20" West along the section line 91.44 feet and East 40.00 feet from the West Quarter Corner of Section 11, Township 2 South, Range 4 West, Salt Lake Base and Meridian, Toole County, Utth, (basis of bearing being North 00'11'20" East between the West Quarter Corner and Northwest Corner of Section 11, T2S, R4W), and running thence along the south line of said Lake Point Vistas Plat 1 85'29'20" East 60.17 feet, 3) South 89'48'40" East 56.1.4 feet, 4) North 79'24'49" East 61.08 feat and 5) South 89'48'45" East 297.05 feat to the southeast corner of said Lake Point Vistas Plat 1; thence South 00'11'5" West 1249.96 feet; thence North 89'31'58" West 1324.51 feet to west line of said Section 11, said point also being on the extension of the centerline of said Lake Point Estates Phase 2 as recorded in said office as Entry No. 293407 (said point also being on the extension of the west right—of—way line of said 1200 feat to the southeast corner of Lake Point Estates Phase 2, and the east line of said Lake Point Estates Phase 1 Amended and extension of said west right—of—way line North 00'11'20" East 20'21.63 feet to the south line of 1200 East Street dedicated right—of—way line North 00'11'20" East 20'21.63 feet to the south line 9'48'40" East along said south line 80.00 feet to the west line of said Lake Point Vistas Plat 1 (said line also being the east line of said Lake Point Vistas Plat 1 (said line also being the east line of said Lake Point Vistas Plat 1 (said line slong said west line of said Lake Point Vistas Plat 1 (said line south geat to the point of beginning.

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34 Lots, 1 Open Space REVIEW ONLY 40.263 Containing 1,753,843

Parcel,

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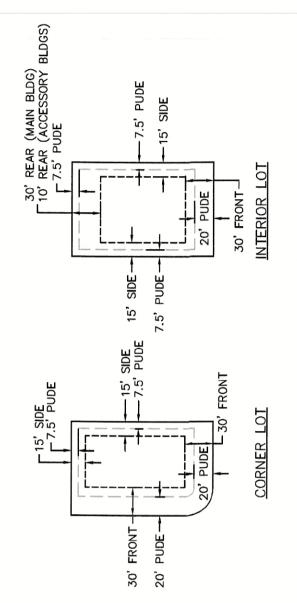
D. Gregg MeyerP.L.S. 312770



NOTES:
1.) The street monuments shown hereon are to be set as a part of road construction done subsequent to the recording of this plat.

2.) Front and rear Lot corners will be located and marked on the ground with a 5/8"x24" rebar with a plastic cap labeled "BINGHAM ENG". 3.) Lots designated with (R) are restricted not access 1200 East Street.

> DETAIL PUDE 8 SETBACK TYPICAL



DAY OF 20 AS TO FORM TI A.D., 2019. BOARD APPROVED THIS APPROVED AS TO FORM THIS A.D., 2019. DAY OF DISTRICT 20_ FIRE A.D. NORTH TOOELE APPROVE DAY OF APPROVED THIS LAKE POINT IMPROVEMENT DISTRICT DAY OF A.D. 20_

APPROVED THIS

DAY OF

A.D. 20

APPROVED THIS

DQUIRRH MOUNTAIN WATER

RECORDED ENTRY No State of Utah, County of 'Recorded and Filed at the Date:

. Page:

SUBMITTAL #: 374 PWILL

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LOT 212

RECEIVED

BASE WEST H SALT LAK \triangleleft SECTION 10 AND UTAH VISTAS 4 WEST, F G RANGE 4 WL. POINT AS, SOUTH, KA, VIIT TOOELE (EAST HALF OF POINT, \sim CTION 11, TOWNSHIP AND MERIDIAN, LAKE H SUBDIVISION LOCATED IN PRELIMINARY SECTION 0 F

GRANT, AND DECLARATION OWNER'S DEDICATION,

KNOW ALL MEN by these presents, that LAKE POINT WSTAS, L.C., a Utah limited liability company, ("Grantor"), the undersigned owner of the tract of land described herein under the heading "Boundary Description" (the "Tract"), does hereby create a subdivision to be hereafter known as "Lake Point Vistas Plat 2" (the "Subdivision" or when referring to this document, the "Plat"), and, subject to the "Notice to Purchasers" contained herein and any matters of record, does hereby:

1. Cause the Tract to be subdivided into lots (singularly, a "Lot", or if more than one, the "Lots").

2. Grant, convey and dedicate to Tooele County, a body corporate and politic (the "County") those areas identified on this Plat as Dedicated Public Road".

3. Grant, convey, and dedicate to the County and to public and private providers of utility services perpetual, non-exclusive easements and replacing buried utilities and facilities necessary or convenient to provide underground or buried utility services, over, through, and across Parcel A and all areas identified on this Plat as PUDEs.

4. Grant, convey and dedicate to the County perpetual, non-exclusive easements and rights-of-way, for purposes of installing, repairing, maintaining, and replacing storm drainage conveyance, retention, and/or detention improvements or structures over, through, and across all areas identified on this Plat as PUDEs.

5. Subject to the provisions of Item #3 hereinabove, Grant, convey, and dedicate Parcel A to to the County as right-of-way for a future dedicated public road.

NOTICE TO PURCHASERS

1. CC&Rs. The Lots and Parcals created by this Plat are subject to: (a) that certain Declaration of Covenants, Conditions, and Exercented

1. to the Coffice of the Toole County Recorder (the Recorder's Offices), as further annealed by that certain Declaration of Covenants, Conditions, and Exercented

1. to the Declaration of Covenants, Conditions, and Exercents for Lake Point Visites and Exercents

1. to Company, and the Water Declaration of Covenants, Conditions and Restrictions for Marker

1. Conservation of Lake Point Visites Plat ("The Water Declaration") and recorded

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day of we have hereunto set our hands this IN WITNESS WHEREOF,

Lake Point Vistas, L.C., a Utah limited liability company

Schmidt, Manager By: Christopher

STATE OF UTAH COUNTY OF

acknowledged before me this The foregoing instrument was Utah limited liability company.

My Commission Expires:

Notary Pu Residing

creation of this Subdivision consents to the Bank of Utah hereby

Print Name:

STATE OF UTAH

SS. COUNTY OF

Notary Public Residing at:__

acknowledged before me this _____ day of _____ of Bank of Utah, a Utah corporation. The foregoing instrument ımission Expir

DAY OF APPROVED A.D., 2019. APPROVED A.D., 2019.

Design:__ Drawn:__ Checked:_

UENGINGERRING
22 N. Wight Brothers Dr. Ste 120, Selt Lide City, Ut 84116
301) 532—2520

www. hinchmanat.com

TO FORM 1 A.D., 2019. APPROVED THIS AS APPROVED O DAY 20_ A.D. AS APPROVE DAY OF APPROVED THIS _ DAY OF A.D. 20_ APPROVED . A.D., 2019. APPROVED THIS _ DAY OF A.D. 20 APPROVED THIS. A.D., 2019. APPROVED THIS

SURVEYOR'S CERTIFICATE

I, D. Gregg Meyers, a Professional Land Surveyor licensed under Title 58, Chapter 22, Professional Engineers and Professional Land Surveyors Licensing Act holding License No. 312770, do hereby certify that by the authority of the owners, I have made a survey of the tract of land shown on this plat and described hereon, and have subdivided said tract of land into Lots and streets (public rights—of—way), and that the same has been surveyed and staked on the ground as shown on this plat.

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APPRINCO

BOUNDARY DESCRIPTION

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3 RD REVIEW

34 Lots, 1 Open Space Parcel, REVIEW ONLY 40.263 Containing 1,753,843

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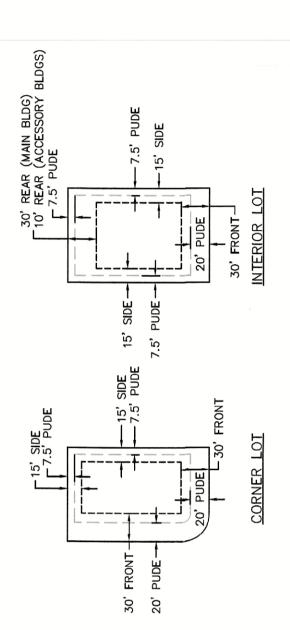
D. Gregg Meyers P.L.S. 312770



2.) Front and rear Lot corners will be located and marked on the growith a 5/8"x24" rebar with a plastic cap labeled "BINGHAM ENG". NOTES:
1.) The street monuments shown hereon are to be set as a part of road construction done subsequent to the recording of this plat. 3.) Lots designated with (R) are restricted account access 1200 East Street.

201-208 shall

DETAIL PUDE \approx SETBACK TYPICAL



PRELIMINARY PLAT — LAKE POINT VISTAS PLAT 2 SUBDIVISION LOCATED IN THE EAST HALF OF SECTION 10 AND THE WEST HALF OF SECTION 11, TOWNSHIP 2 SOUTH, RANGE 4 WEST, SALT LAKE BASE AND MERIDIAN, LAKE POINT, TOOELE COUNTY, UTAH 9 DAY HEALTH 20 A.D. P BOARD

DISTRICT

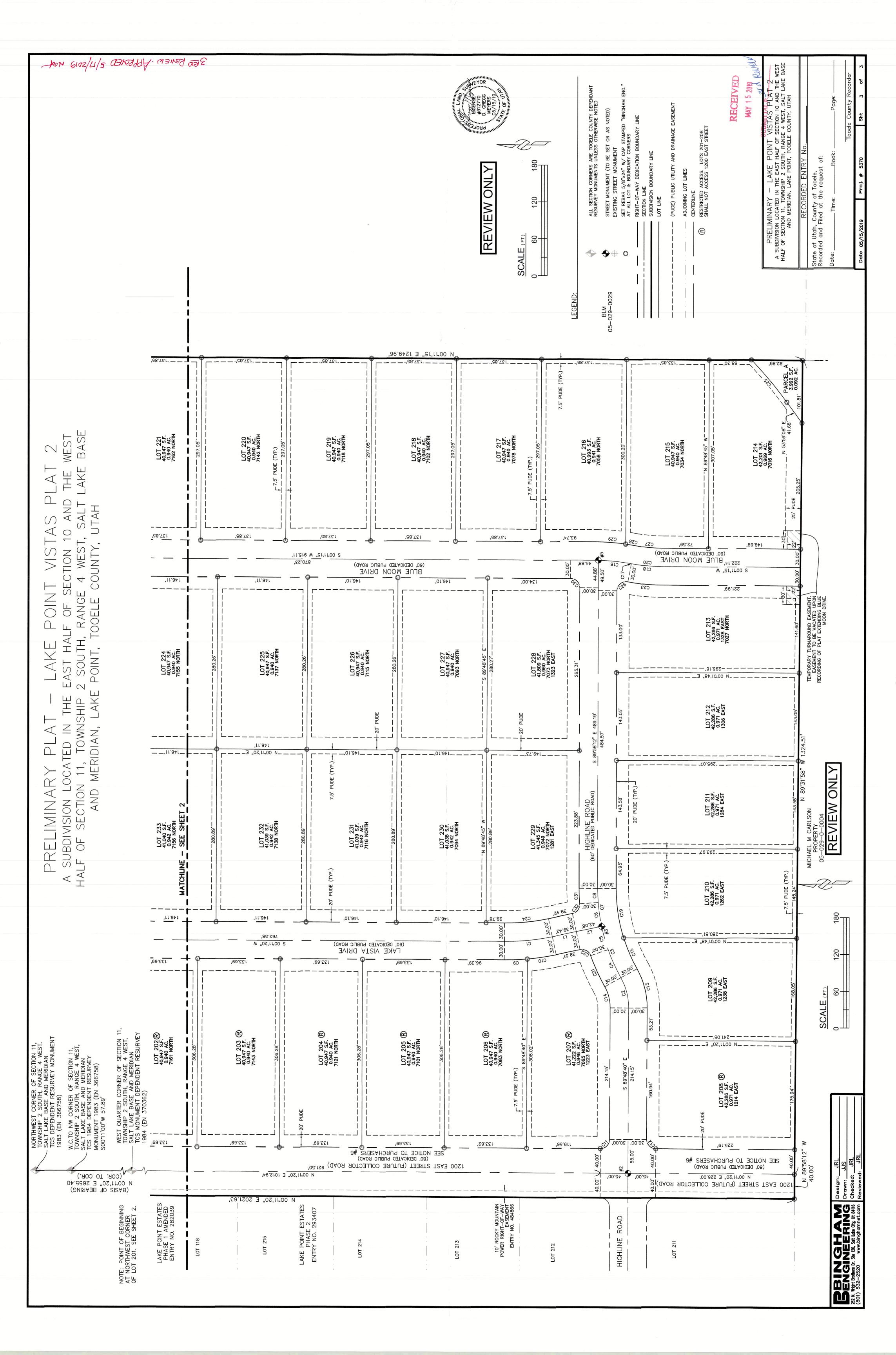
NORTH TOOELE FIRE

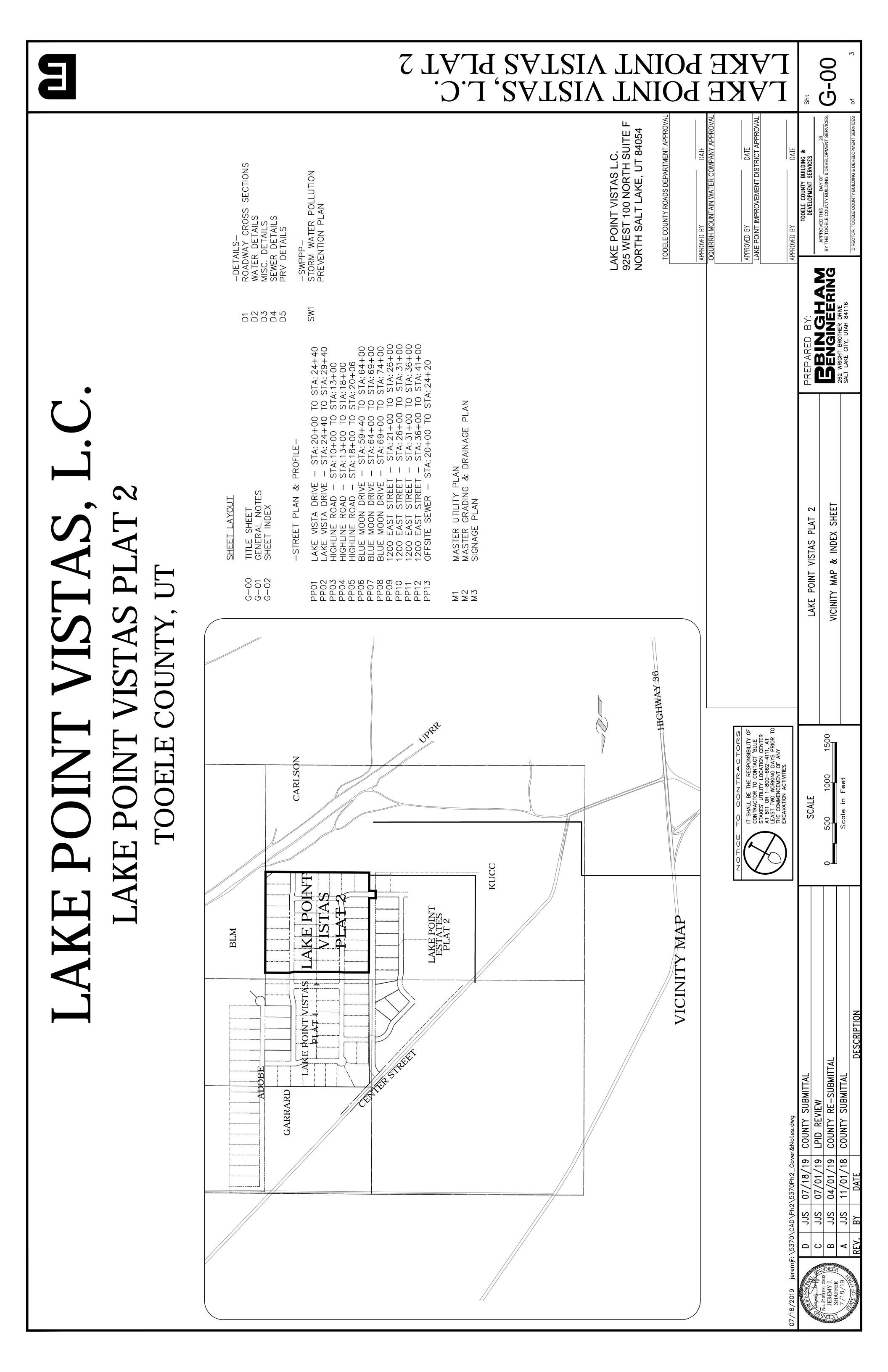
LAKE POINT IMPROVEMENT DISTRICT

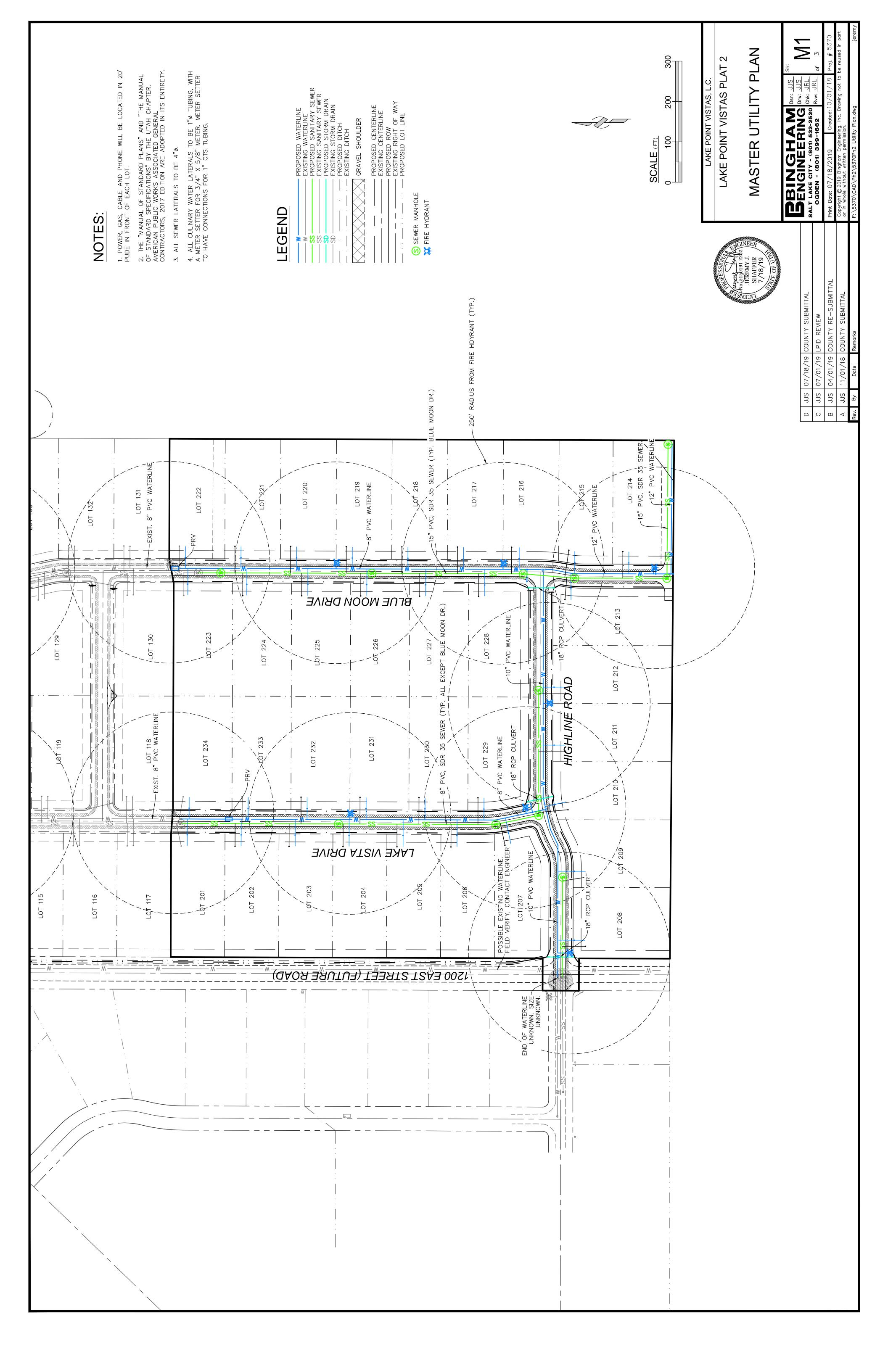
OQUIRRH MOUNTAIN WATER COMPANY

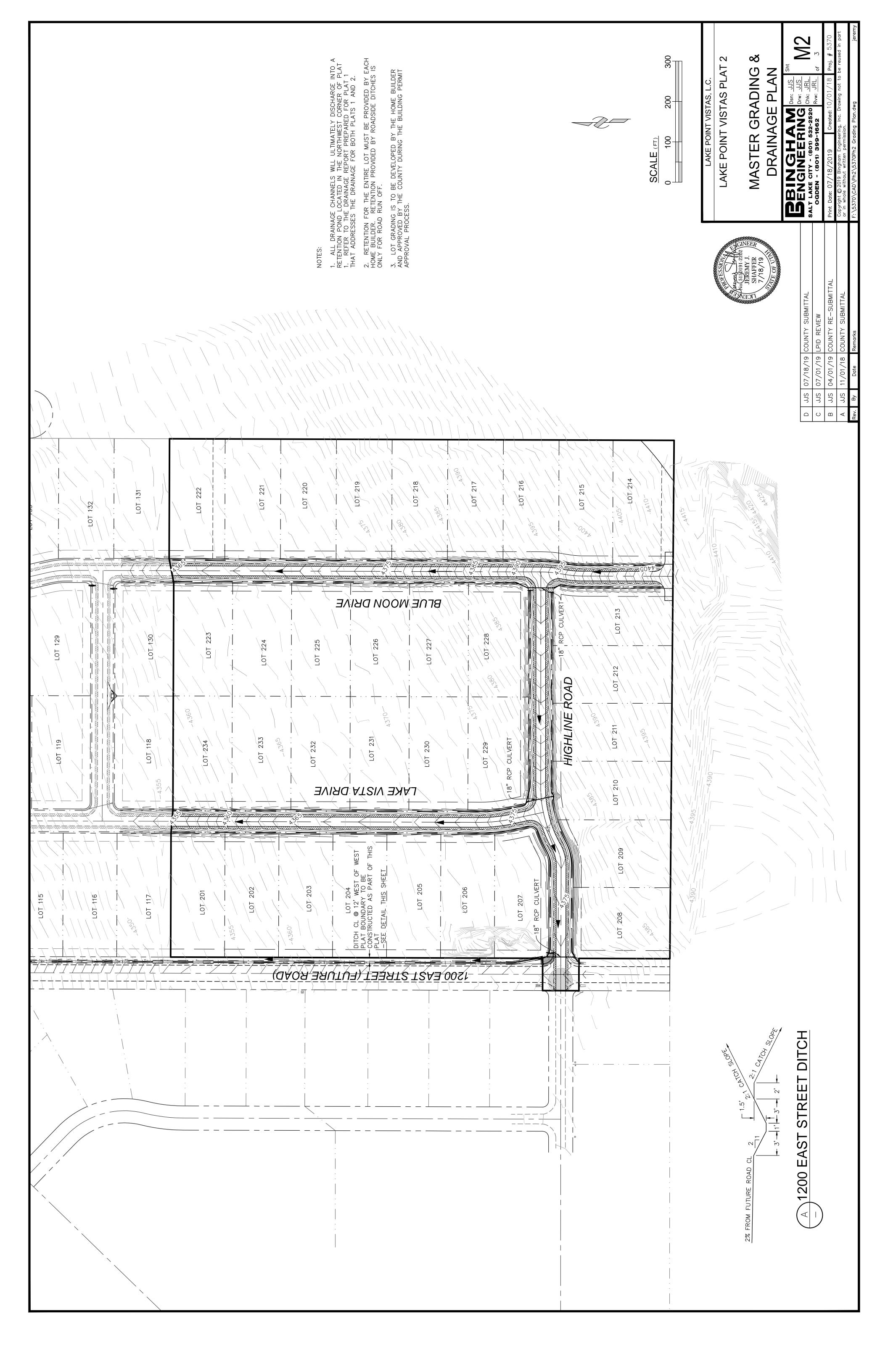
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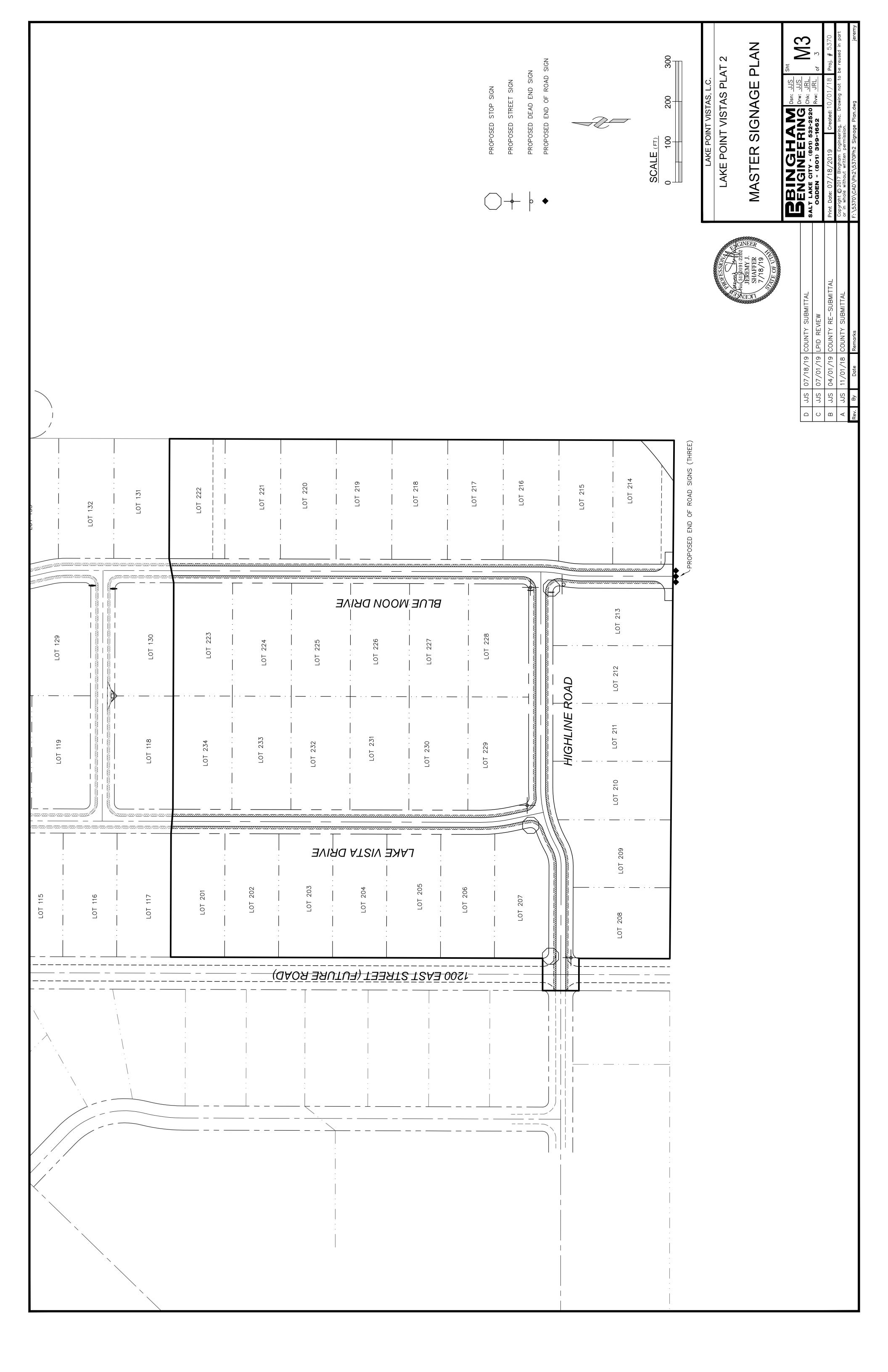
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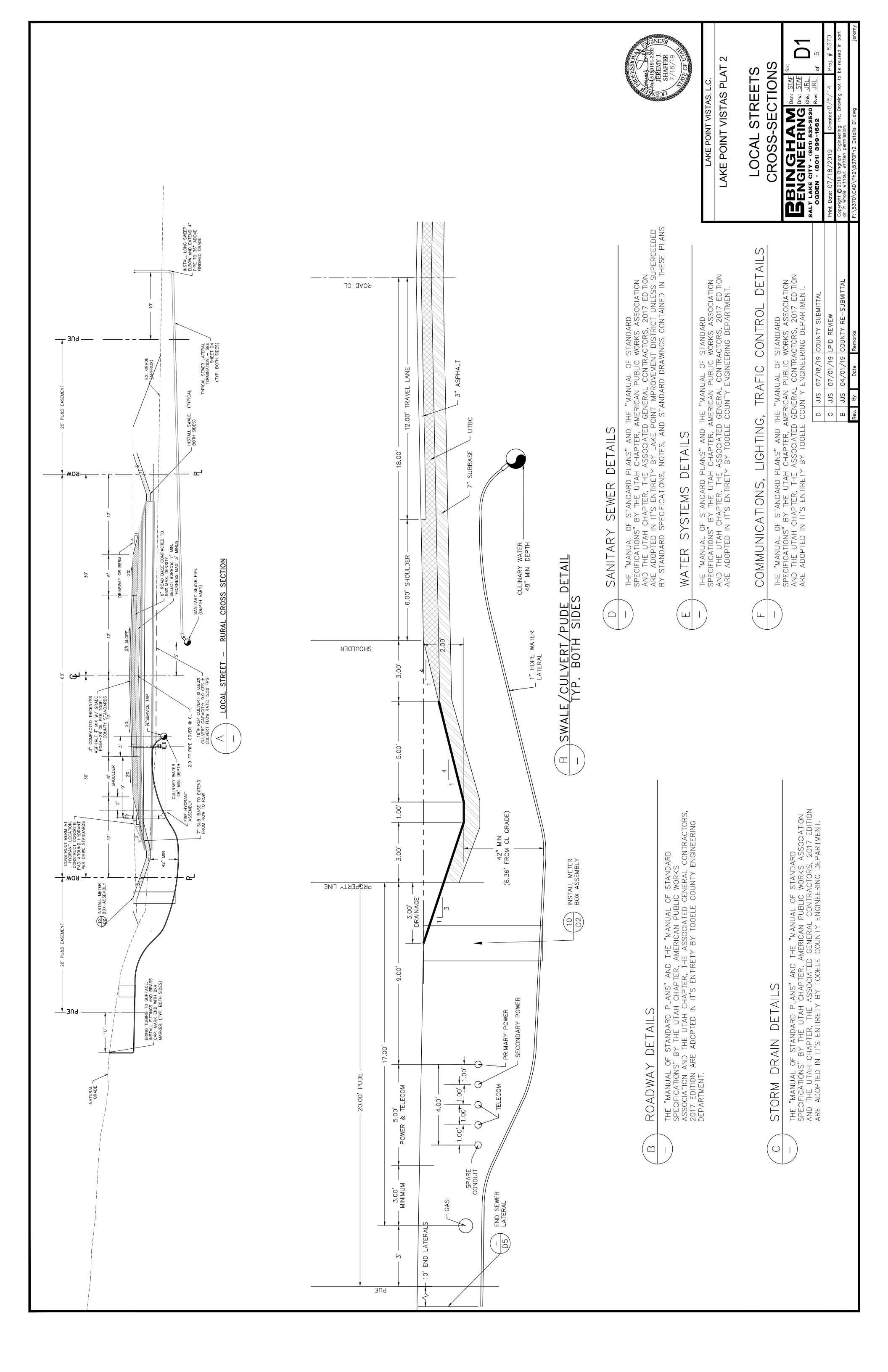










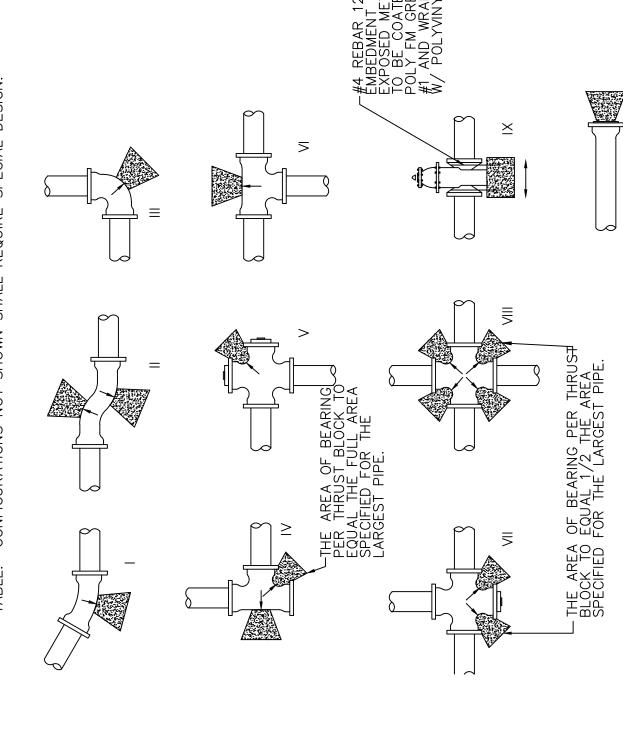


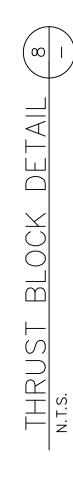
THRUST BLOCK NOTES

- THRUST BLOCKS ARE REQUIRED AT ALL BENDS, TEES, CROSSES, AND REDUCERS. CONCRETE USED FOR THRUST BLOCKS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI AND SHALL BE CAST AGAINST UNDISTURBED SOILS.
- THRUST BLOCKS SHALL BE ALLOWED TO CURE FOR 5 DAYS PRIOR PRESSURE TESTING THE PIPE. $\ddot{\circ}$

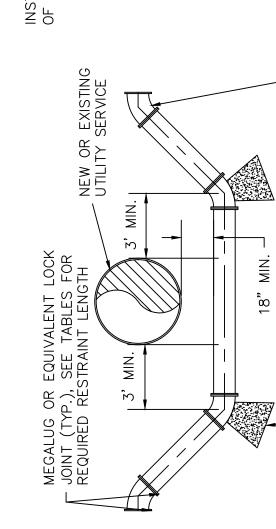
CONCRETE EDGE TREATMENT

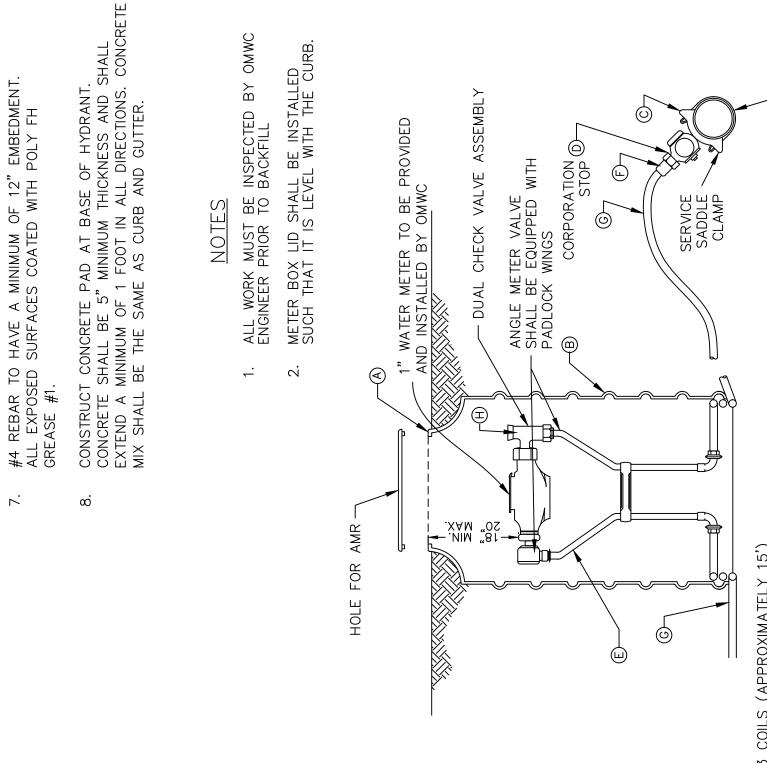
- THRUST BLOCKS SHALL BE ACCEPTED BY THE ENGINEER OR AUTHORIZED AGENT BEFORE BACKFILLING.
- BEARING AREAS FOR THRUST BLOCKS SHALL BE AS SHOWN IN THE TABLE. CONFIGURATIONS NOT SHOWN SHALL REQUIRE SPECIAL DESIGN. 4.

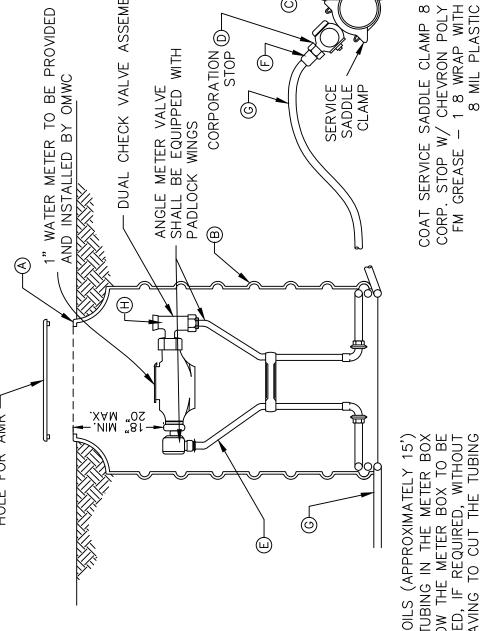




MINIMUM THRUST BLOCK BEARING AREA IN SQUARE FEET	CONDITION	X XI IIIN IIN N A	3.3 2.6 1.3 1.3 1.3 2.6	6.5 4.6 2.6 2.6 4.6	11.0 7.8 3.9 3.9 7.8	17.5 12.4 6.5 6.5 6.5 12.4	24.8 17.5 9.1 9.1 9.1 17.5	33.6 24.0 12.3 12.3 12.3 24.0	44.0 31.1 15.5 15.5 15.5 31.1
ST BLOCK		≥ =	3.3 2.0	6.5 3.3	11.0 5.9	17.5 9.1	24.8 12.3	33.6 16.9	44.0 23.2 44.0
THRUS		=	1.3	2.0	3.3	5.2	7.8	9.7	12.7
MUM		_	2.6	3.9	5.9	9.8	13.6	18.2	23.8
M	PIPE	SIZE	.4	9	, ,	10"	12"	14"	16"







INSTALL 3 COILS (APPROXIMATELY 15')
OF 'EXTRA' TUBING IN THE METER BOX
TO ALLOW THE METER BOX TO BE
RELOCATED, IF REQUIRED, WITHOUT
HAVING TO CUT THE TUBING

10	\ \
CONNECTION	
LATERAL	
WATER	
TYPICAL	N.T.S.

LEGEND LEGEND LEGEND LEGEND	SOVER	HDPE,	C SERVICE SADDLE ALL BRONZE DOUBLE STRAP	D CORP STOP-1" MUELLER B-25029 1"	3/4" X 5/8" METER SETTER	E WITH CONNECTIONS FOR 1" FORD VBHC72-21W-44-44-G-NL	CTS TUBING	F LEAD-FREE BRASS FITTINGS COMPRESSION FITTINGS AND SS INSERTS FOR CTS PE TUBING	G SERVICE LATERAL CTS PE TUBING, WITH COMPRESSION FITTINGS AND SS INSERTS	H DUAL CHECK VALVE AS APPROVED BY STATE HEALTH DEPT.
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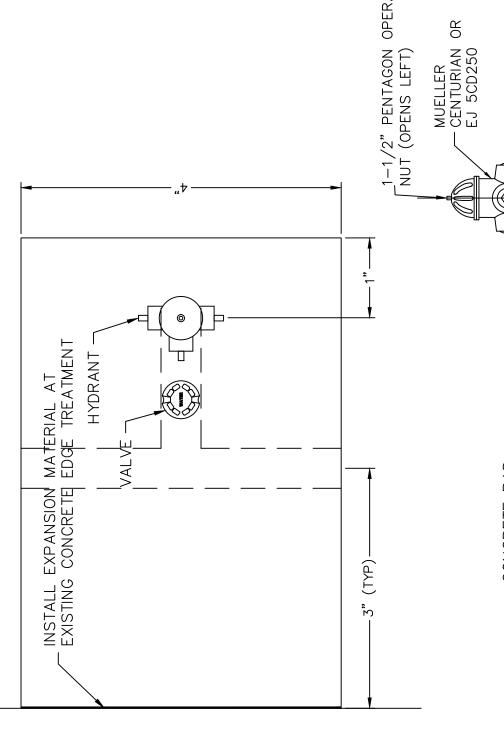
45° MJ ELBOW (TYP. 4)

BEARING AREA (TYP.) SEE CHART

DETAIL

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WATERLINE N.T.S.



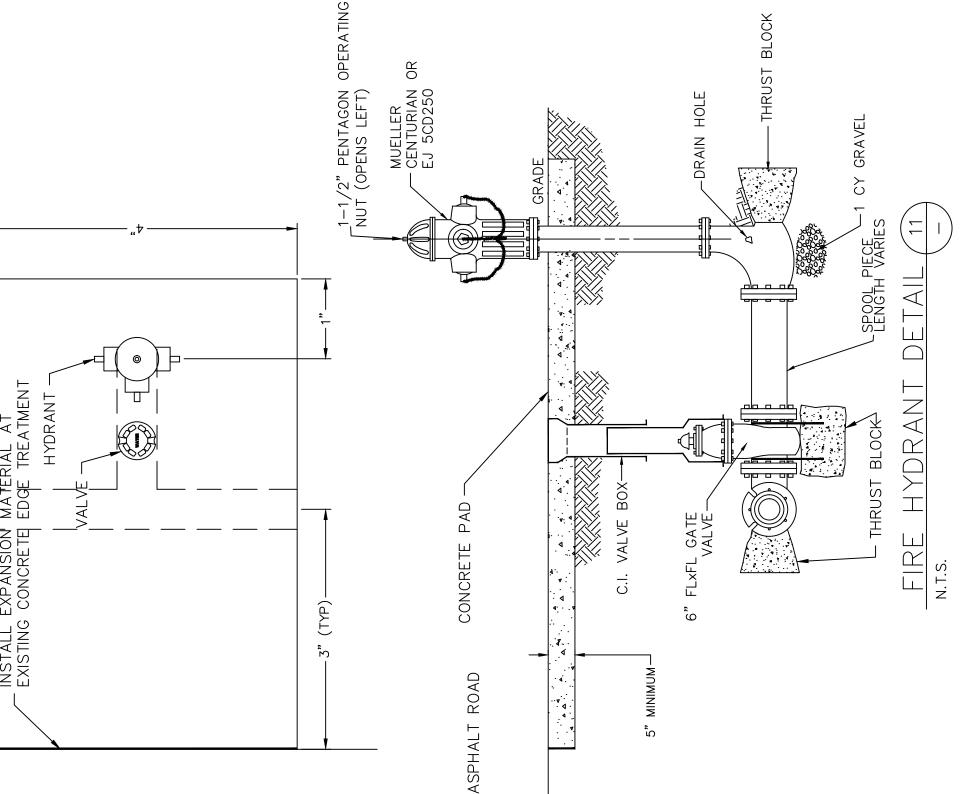
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THRUST BLOCKS REQUIRED WITH A MINIMUM OF SQUARE FEET BEARING ON UNDISTURBED SOIL. STANDARD DRAWING.

7

WORK MUST BE INSPECTED BY ENGINEER.

FIRE HYDRANT NOTES



THE BURIED PORTION OF THE HYDRANT SHALL BE PAINTED WITH TWO COATS OF C.A. 50 COAL TAR ENAMEL.

THE HYDRANT BARREL AND CAPS SHALL BE PAINTED WITH ONE COAT OF C.B. PRIMER NO. 525—14 AND ONE COAT OF FIRE ENGINE RED ENAMEL.

THE 4-1/2" PUMPER NOZZLE TO FACE THE STREET.

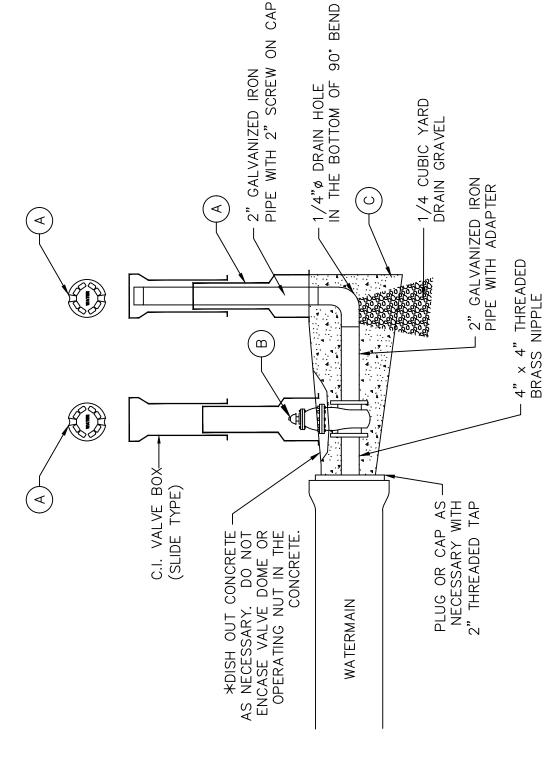
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6.

DRAIN HOLES AT BASE OF HYDRANT TO REMAIN CLEAR WITH A MINIMUM OF 1 CU. YD. OF CLEAN 2" MINUS GRAVEL PLACED AROUND THE HOLE TO FACILITATE DRAINAGE. TAR PAPER OR PLASTIC REQUIRED OVER GRAVEL TO MINIMIZE SILTING.

FIRE HYDRANTS SHALL BE INSTALLED IN SUCH A MANNER THAT THE SIDEWALK FLANGE IS EVEN WITH OR LESS THAN 4" ABOVE GRADE.



	LEGEND	
No.	ITEM	DESCRIPTION
\bigcirc	VALVE BOX WITH LID	2 PEICE CAST IRON
(B)	4" GATE VALVE WITH SCREW ENDS	2" x 2" OPERATING NUT
\odot	CONCRETE THRUST BLOCK	SEE THRUST BLOCK DETAIL
	2" WASHO	WASHOUT VALVE (12)

N.T.S.

*4 BR

|--|

10. WATER MAIN SHALL BE PRESSURE TESTED TO A MINIMUM TEST PRESSURE OF 200 PSI. SYSTEM MUST SUSTAIN PRESSURE FOR A MINIMUM OF TWO HOURS. CONTRACTOR RESPONSIBLE FOR ALL TESTING. CONTRACTOR TO CONTACT ENGINEER FOR WITNESSING TEST AT LEAST 24 HOURS BEFORE SERVICES ARE NEEDED. ALL PIPE SHALL BE PRESSURE TESTED AND LEAKAGE TESTED IN ACCORDANCE WITH AWWA STANDARD C600—10.

12. THE MANUAL OF STANDARD SPECIFICATIONS AND MANUAL OF STANDARD PLANS AS PREPARED BY THE APWA (2012 EDITION) SHALL BE USED AS THE STANDARD SPECIFICATIONS AND DETAILS FOR ALL WATER WORKS WORK ON THIS PROJECT. 11. ALL GATE VALVES SHALL BE AWWA C-509 GATE VALVES WITH TWO PIECE SLIP TYPE VALVE BOXES. ALL VALVES SHALL BE WRAPPED WITH 8 MIL POLYETHYLENE FABRIC PRIOR TO BACKFILLING. ALL BOLTS SHALL BE COATED WITH FM GREASE.

13. DEWATERING OF TRENCH AS REQUIRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL UTILIZE PLUGS IN THE WATER MAIN TO PREVENT INTRUSION OF GROUNDWATER INTO THE PIPE DURING INSTALLATION. COSTS OF DEWATERING SHALL BE INCLUDED IN THE UNIT PRICE OF THE PIPING. NO ADDITIONAL PAYMENT SHALL BE MADE FOR DEWATERING.

14. THE OPEN END OF THE PIPE SHALL BE COVERED WITH A SOLID CAP OR SCREEN WHENEVER PIPE LAYING STOPS FOR PERIODS EXCEEDING 30 MINUTES. 15. INSTALLATION OF BACKFLOW DEVICES, METERS AND SERVICE CONNECTIONS SHALL CONFORM TO THE STATE—ADOPTED PLUMBING CODE.

16. SERVICE LINES SHALL BE CAPPED UNTIL CONNECTED FOR SERVICE. ADDITIONAL NOTES

1. (R309—550—6—(1) NSF STANDARD FOR HEALTH EFFECTS. All materia which may contact drinking water, including pipes, gaskets, lubricants, an O—rings, shall be ANSI certified as meeting the requirements of NSF 61 Drinking Water System Components — Health Effects. To permit field—verification of this certification, all such components shall be appropriately stamped with the NSF logo.

2. (R309-550-6-(3) AWWA STANDARDS FOR MECHANICAL PROPERTIES. Pipe, joints, fittings, valves, and fire hydrants shall conform to NSF Standard 61, and Standard 14, and applicable sections of ANSI/AWWA Standards C104-A211.4-03 through C550-05 and C900-07 through C550-07.

3. FD(R309–550–8(10) DISINFECTING WATER DISTRIBUTION SYSTEMS. All new water mains or appurtenances shall be disinfected in accordance with AWWA Standard C651–05. The specification shall include detained procedul for the adequate flushing, disinfection and microbiological testing of all water mains. On all new and extensive distribution system construction evidence of satisfactory disinfection shall be provided to the Division. Samples for Colliform shall be collected after disinfection is complete and the system is refilled with potable water. A standard heterotrophic plate count is advisable. The use of water for culinary purposes shall not

	D JJS 07/18/19 COUNTY SUBMITTAL	C JJS 07/01/19 LPID REVIEW	B JJS 04/01/19 COUNTY RE-SUBMITTAL	A JJS 11/01/18 COUNTY SUBMITTAL
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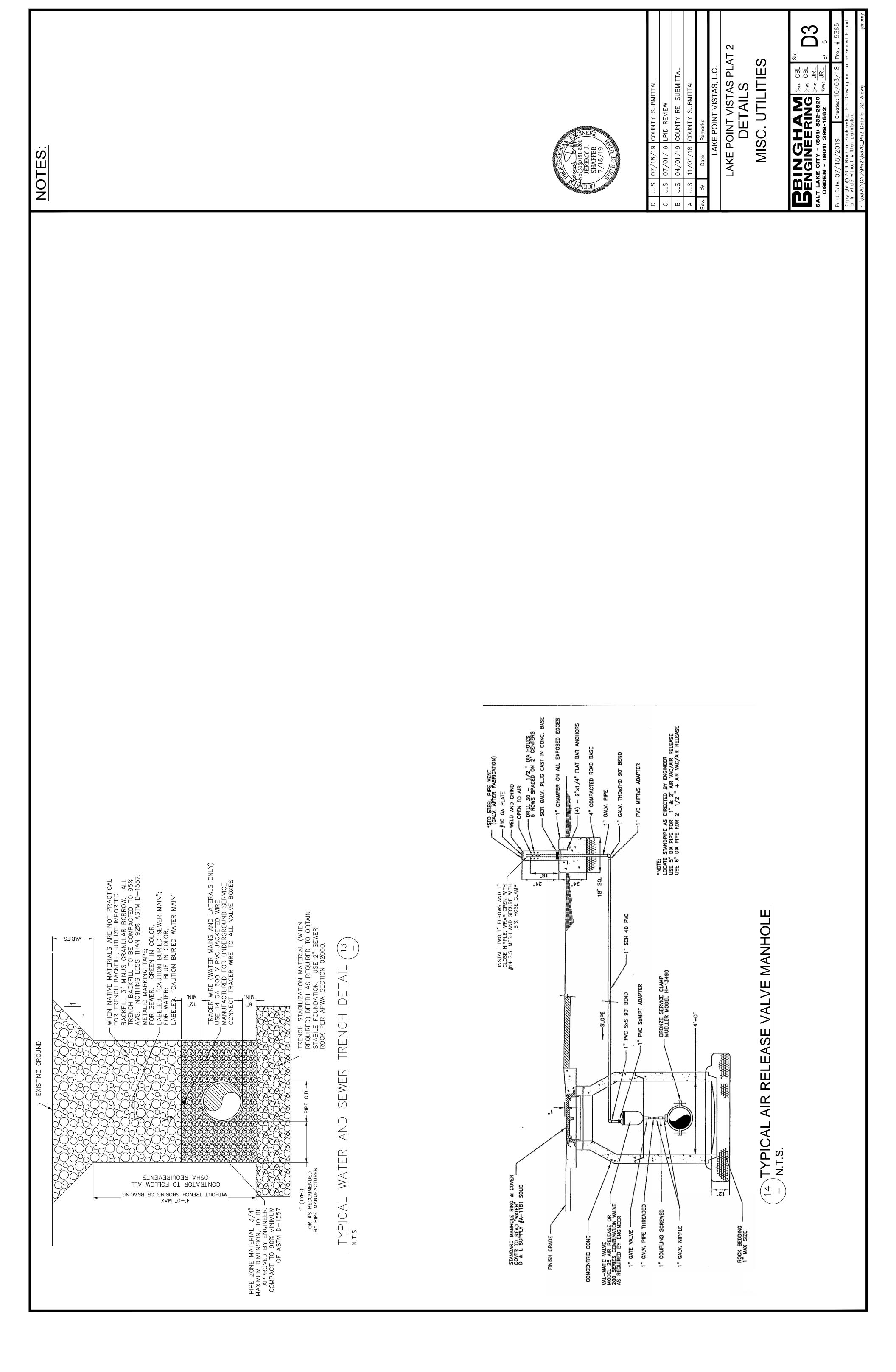
DETAILS WATER

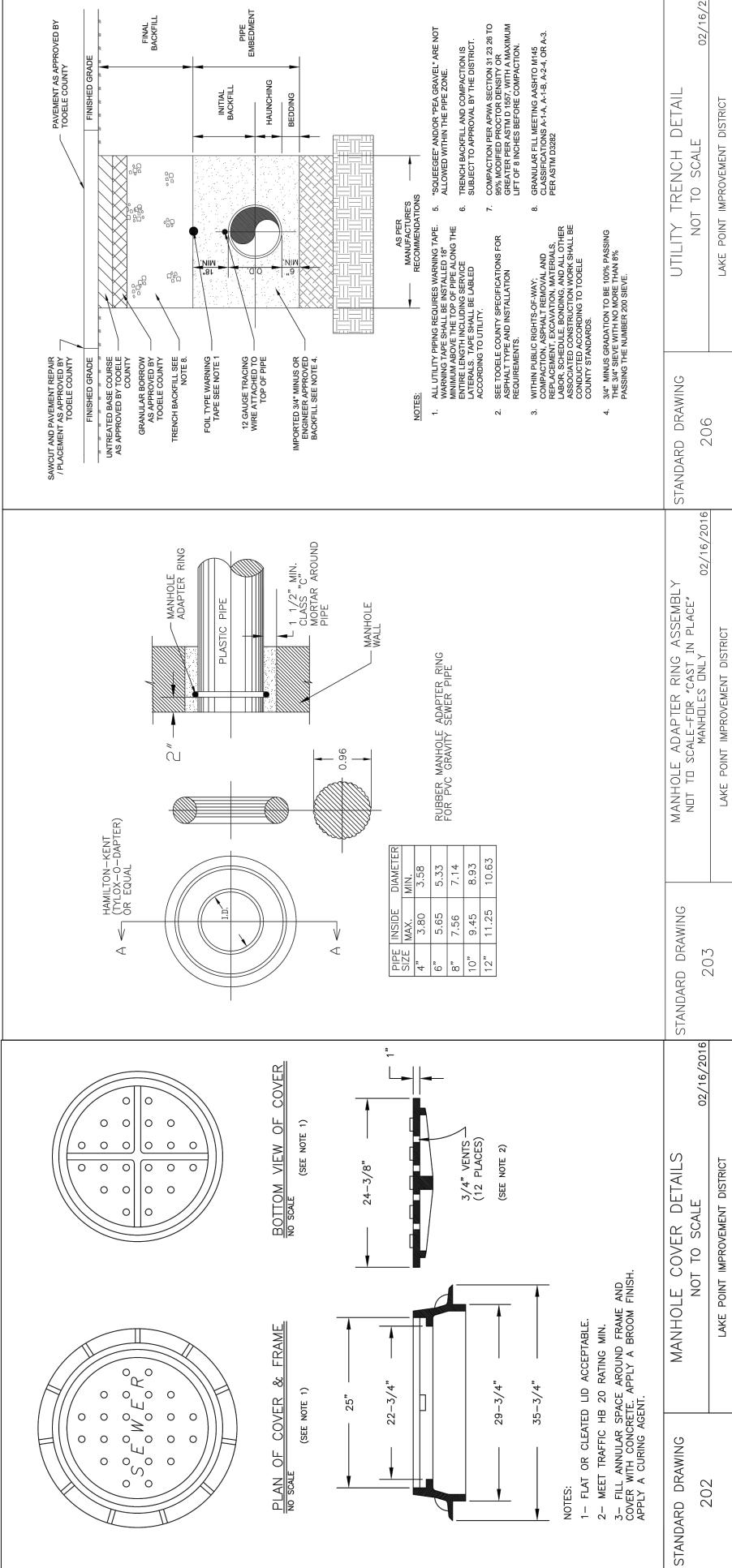
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LAKE POINT VISTAS

LAKE POINT VISTAS, L.C







16/2016

02/1 LAKE POINT IMPROVEMENT DISTRICT

1. All sewer mains and appurtenances shall be designed, constructed, tested, and placed in service in accordance with all applicable laws, rules, regulations, ordinances, and requirements including, but not limited to, the requirements of OSHA, the State Division of Water Quality, and Lake Point Improvement District. All work shall be performed in accordance with these requirements, the requirements of the most recent editions of the Utah Chapter of the American Public Works Association (APWA) @Manual of Standard Standard Specifications@ and @Manual of Standard Plans@ and the @Recommended Standards for Wastewater Facilities@ (a.k.a. @Ten States Standards@) unless specific written approval has been obtained from the District Engineer. In the event of a conflict, the District Engineer shall be notified in writing of the conflict, and shall respond in writing to resolve the conflict.

2.If ground water is present, pumps with well points along the trench shall be required to minimize water intrusion at a level below the working area at all times. Ground water shall only be evacuated to an approved discharge point, and shall not impact adjacent property owners. If discharge is made to a storm drain facility, it shall be approved by Tooele County, and adequate erosion and sediment control may be required.

When ground water is present all manhole section joints and boots shall be sealed on the outside with a flexible joint sealant (mastic) meeting ASTM C990. Additionally, all exterior surfaces of the manhole, including barrel, cone, and chimney sections shall have an asphalt—based coating and District approved poly—wrap. All manholes shall be inspected prior to installation.

No public sewer facilities shall be constructed on any private property unless specific written approval has been obtained from the District Engineer.

Sewer pipelines shall be PVC ASTM D 3034 with integral bell and spigot with gasketed joints and a standard dimension ratio (SDR) of 35. When other materials are required, the use of such materials shall be subject to the written approval of the District Engineer. Any flushing into the sanitary sewer system is strictly prohibited.

Manhole steps shall be provided for all manholes. Manhole steps shall begin not more than 12 inches above the floor and end not more than 12 inches below the rim. Manhole steps shall be spacnot more than one foot on center.

8. The location of the stub ends of all laterals shall be marked in the field (see detail) extending from the end of the lateral to a minimum of three feet above the ground surface. The 2£ X 4£ post 22 shall be painted using green paint. Record drawings shall be maintained at the project site showing accurate locations of all lateral connections measured from the nearest manhole and all lateral stubs measured from the nearest property line. No laterals shall be stubbed to or beyond the £far side£ of the Public Utility

Easements (P.U.E.s).

Following placement of asphalt, all sewer lines shall be flushed and cleaned, and all manhole lids adjusted to finish grade in accordance with the requirements herein.

10. Prior to paving deflection testing shall be performed on all flexible pipe no sooner than 30 days after the final backfill has been placed. Testing shall be performed using a mandrel with a diameter equal to 95 percent of the inside diameter of the pipe. Flexible sewer pipeline not meeting the requirements of the deflection test shall not be accepted by the District.

11. Prior to paving pressure testing shall be performed on all sewer pipe and manholes. All plastic pipe shall be low pressure air tested per ASTM F-1417. Other pipe shall be tested using an appropriate method as approved by the District Engineer and as recommended by the manufacture. All manholes shall be pressure tested in accordance with ASTM C-1244. Sewer pipeline and manholes not meeting the requirements of the pressure test shall not be accepted by the District.

12. Prior to paving all sewer lines shall be televised and tapes provided to the District. Provide manhole numbers, direction of flow and footages recorded for a total length of pipe between manholes, including lateral locations and footages. Sewer pipeline having sags or dips shall not be accepted by the District.

13. A final as—built survey shall be performed following the completion of construction of any sewer facility. As—built drawings for all sewer facilities shall be provided to the District, in both PDF and Auto CAD formats. Any sewer pipeline not meeting the State minimum slope requirements shall not be accepted by the District. 14. The contractor shall notify the District Manager to arrange for inspection services a minimum of 48—hours prior to construction. Please contact Keith Fryer to arrange inspections.

17. Wire tracer is required on all sewer laterals, secured to the top of the cleanout, Anti corrosion gel caps are required on the ends of all buried wire, including wire splicing. 16. At the end of the one — year warranty period, sewer lines shall be cleaned and televised prior to final acceptance by the District. 15. Concrete collars are required for <u>all</u> manholes and shall be inspected by LPID and Tooele County prior to acceptance. Concrete collars around the ring at finished grade shall contain an arrow to denote direction of flow. LPID District Manager shall be present during process.

19. Pipe zone material is required for the entire length to the termination point of all sewer laterals. 18. Damaged manhole sections in any way will be rejected.

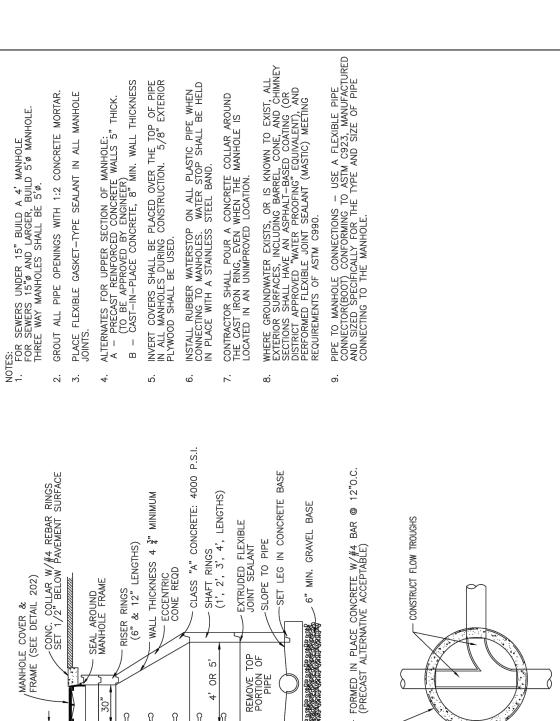
20. Survey staking is required for installation of all sewer facilities.

22. Contractor is required to grout connections of pipe to manhole with non—shrinking grout, including pipe voids left by cutting process, to a smooth finish. 21. Contractor is responsible for obtaining required encroachment permits from Tooele County when working within their right—of—way.

23. All Manhole covers shall be raised or lowered to meet 3/8£ below finish grade of paved surfaces.

24. Manholes not located in paved surfaces shall contain a concrete collar, inspected to the satisfaction of The District Manager.

26. Contractor shall obtain road cut permit from Tooele County and provide all required traffic control for contribution with existing roads and rights—of—way. 25.In addition to these specifications and requirements, all sewer facilities shall be commissioned per LPID Standard Specifications, well as APWA Standard Specification 33 08 00.



VARIES 12" MIN.

CLEAN OUT TO BE SIZED AS SHOWN ON PLANS. CAST IRON OR BRASS CLEANOUT REQUIRED.

1 4" SDR-35 PVC SEWER LINE INSTALLED PER ASTM D 2321

POLY COATED STEEL MANHOLE STEP

SANITARY SEWER CLEAN OUT DETAIL B N.T.S.

- 45° WYE REQ'D 4" SDR-35 PVC SEWER ☐ LINE INSTALLED PER ASTM D 2321

CLEAN OUT TO BE SIZED AS SHOWN IN PLANS. CAST IRON OR BRASS CLEANOUT PLUG

NO. 3 DEFORMED STEEL ROD

STOP

LOCKING RINGS

-COPOLYMER POLYPROPYLENE PLASTIC

SANITARY SEWER CLEAN OUT DETAIL A ^{N.T.S.}

CONCRETE COLLAR WHERE REQUIRED

12" MIN

I O MANUEL SHERE SECOMMENDATIONS.

LATERALS SHALL NOT PROTRUDE INTO SEWER MAINS.

PRIOR TO BACKFILLING TWENTY GOVER (24) HOURS NOTICE SHALL BE GIVEN TO THE DISTRICT MANAGER FOR INSPECTION SERVICES.

LATERAL SHALL BE EXTENDED TO THE FAR SIDE OF THE PUBLIC UTILITY EASEMENT

45° UNLESS OTHERWISE APPROVED BY DISTRICT AND/OR ENGINEER

4" SDR-35 PVC SEWER PIPE
LAID ON A 1/4" PER FOOT
MINIMUM GRADE TO SEWER
MAIN

STEEL REINFORCING OF MANHOLE STEPS SHALL CONFORM TO ASTM DESIGNATION A-615, GRADE 60 PLASTIC COATING OF MANHOLE STEPS SHALL CONFORM TO ASTM DESIGNATION D-2146, TYPE II GRADE 16906.

DIMENSIONS SHOWN MAY VARY ACCORDING TO MANUFACTURERS DESIGN.

SANI N.T.S.

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REQUIRED OUTSIDE OF UNIT

STREET EXCAVATION - BOND REQUIRED FOR - THIS PORTION

DETAIL A OR B ALLOWED

STEPS ARE TO BE VERTICALLY ALIGNED AND UNIFORMLY SPACED WITH A MINIMUM SPACING OF 12" AND A MAXIMUM SPACING OF 16" UNLESS SHOWN OTHERWISE ON STRUCTURE PLANS.

MANHOLE STEPS MAY BE CAST—IN—PLACE, OR GROUTED INTO STRUCTURE WALL IN SUCH A MANNER AS TO PREVENT PULLOUT UNDER A LOAD OF 300 POUNDS APPLIED 5" FROM THE FACE OF THE STRUCTURE WALL.

ALL MANHOLE STEPS SHALL PROTRUDE 5" FROM INSIDE FACE OF THE STRUCTURE WALL AND SHALL BE EMBEDDED A MINIMUM OF 4" INTO THE STRUCTURE WALL.

MANHOLE STEPS SHALL BE CAPABLE OF WITHSTANDING A SINGLE CONCENTRATED LOAD OF 300 POUNDS APPLIED AT A DISTANCE OF 5" FROM THE FACE OF THE STRUCTURE WALL.

PIPE MARKER WITH DEPTH
TO FLOW LINE IF LATERAL
IS TERMINATED AT
PROPERTY LINE
SEE NOTE 6

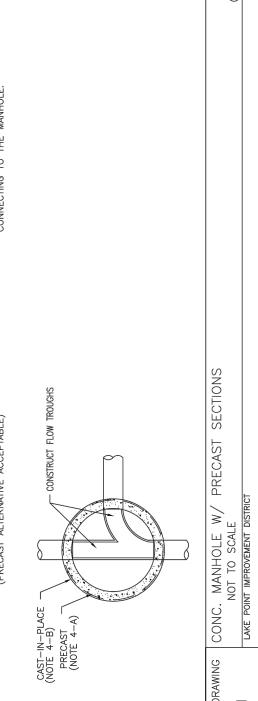
3-5' ABOVE GRADE 10' OUTSIDE PUE

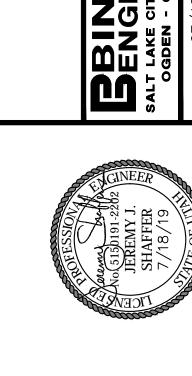
DWELLING UNIT

ROPERTY LINE 1/8" BEND

MAX 12"

INSTALL LADDER RUNGS 12" APART





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LPID REVIEW

07/01/19

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02/16/2016

DETAIL

LATERAL AND CLEANOUT NOT TO SCALE

SEWER

STANDARD DRAWING

205

02/16/2016

MANHOLE STEP DETAIL NOT TO SCALE

STANDARD DRAWING

204

LAKE POINT IMPROVEMENT DISTRICT

