

TITLE SHEET FOR:
VIRGIN COMM CONST

PARCEL ID'S : V-2-1-21-314 & V-2-1-21-315
LOCATED AT IN SECTION 21, T41S, R12W, S.L.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH

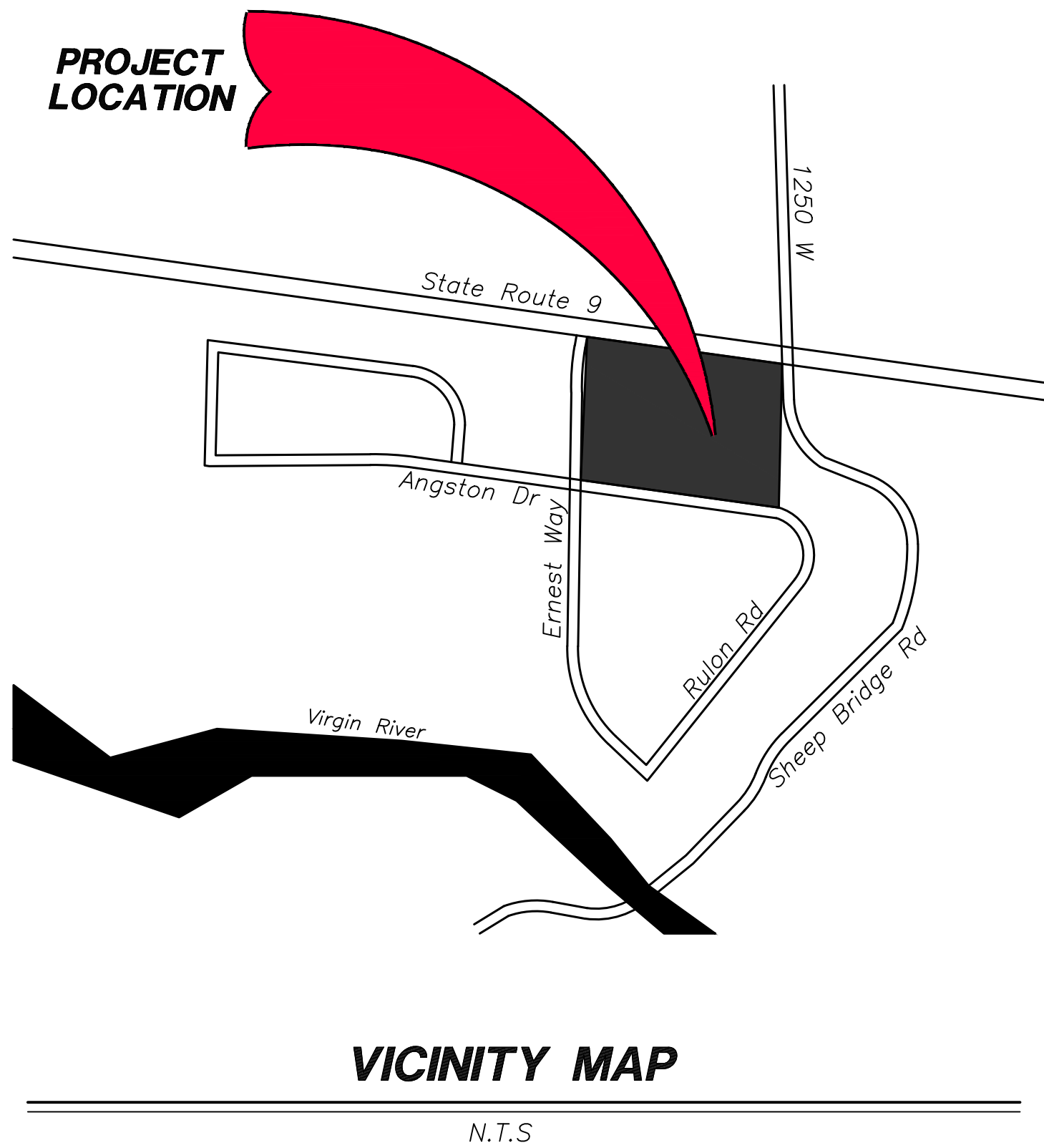
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CONTACT INFORMATION

DEVELOPER / OWNER	STEVE LABRIE	435-619-4219
STREETS DEPARTMENT	VIRGIN TOWN	435-668-7398
ASH CREEK SEWER DISTRICT	MIKE CHANDLER	435-635-2348
WATER DEPARTMENT	CHRIS HOLMS	435-668-5609
CENTURYLINK	ZACH MATHEWS	435-673-9639
TDS TELECOM	DAVID TRAUNTVIEN	435-703-8932
BUILDING DEPARTMENT	VIRGIN TOWN	
POWER DEPARTMENT	RUSTON	
FIRE DEPARTMENT	TOM KUHLMANN	435-635-9562

VIRGIN TOWN APPROVAL

ASH CREEK SEWER DISTRICT	DATE
WATER DEPARTMENT	DATE
BUILDING DEPARTMENT	DATE
FIRE DEPARTMENT	DATE

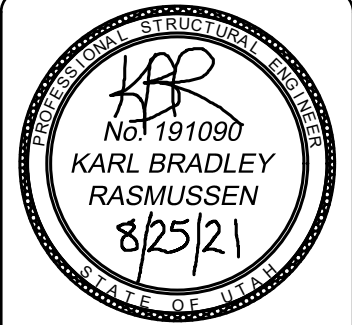
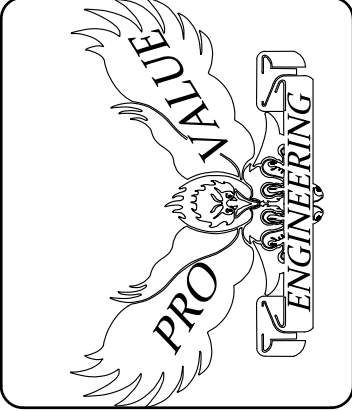


OWNERS:

STEVE LABRIE
PHONE NUMBER:- 775-720-9911
EMAIL :- slabrie@gmail.com

REVISIONS		DATE	BY
NO	DESCRIPTION		

PROVALUE ENGINEERING, INC.
Engineers- Land Surveyors - Land Planners
20 South 850 West, Suite 1
VIRGIN City, Utah 84301
Phone: 435-668-8307



TITLE SHEET FOR:
VIRGIN COMM CONST
LOCATED IN SECTION 21, T41S, R12W, S.L.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH

DATE: 08-27-2021 SCALE: N.T.S.
JOB NO. 510-001
SHEET NO: C1

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

BLUE STANES OF UTAH
CALL 800-451-7247

NOTICE!

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION, PROTECTION, AND RESTORATION OF ALL BURIED OR ABOVE GROUND UTILITIES, SHOWN OR NOT SHOWN ON THE PLANS.

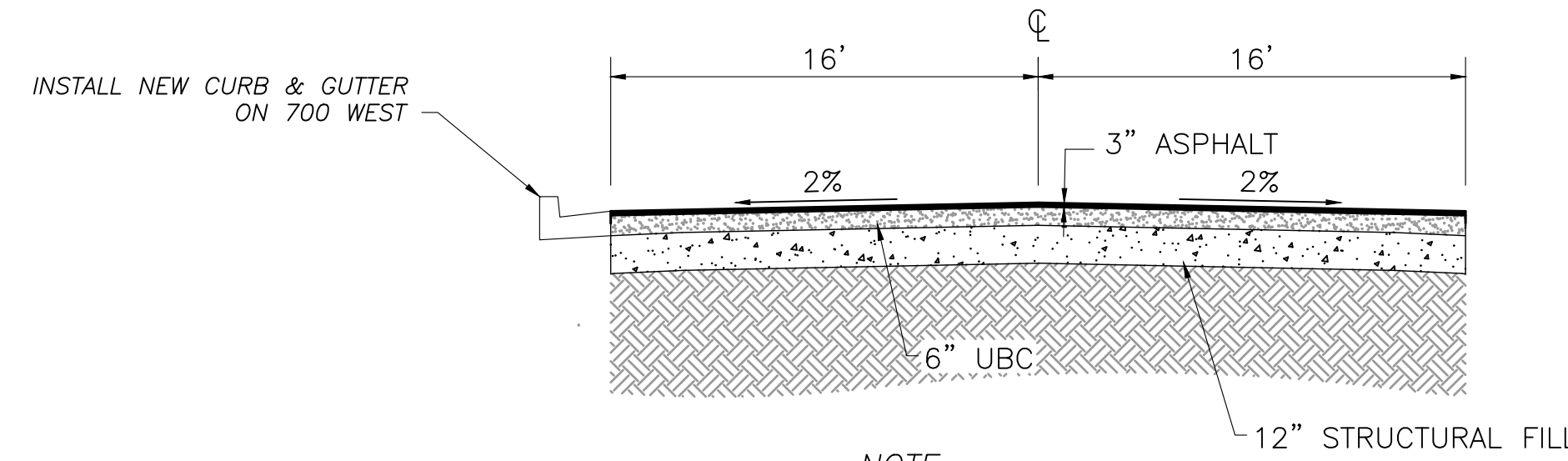
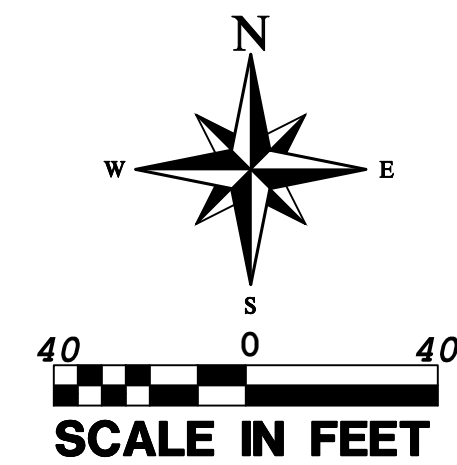
COPYRIGHT © 2013 PROVALUE ENGINEERING INC. TITLE SHEET

SITE PLAN FOR: VIRGIN COMM CONST

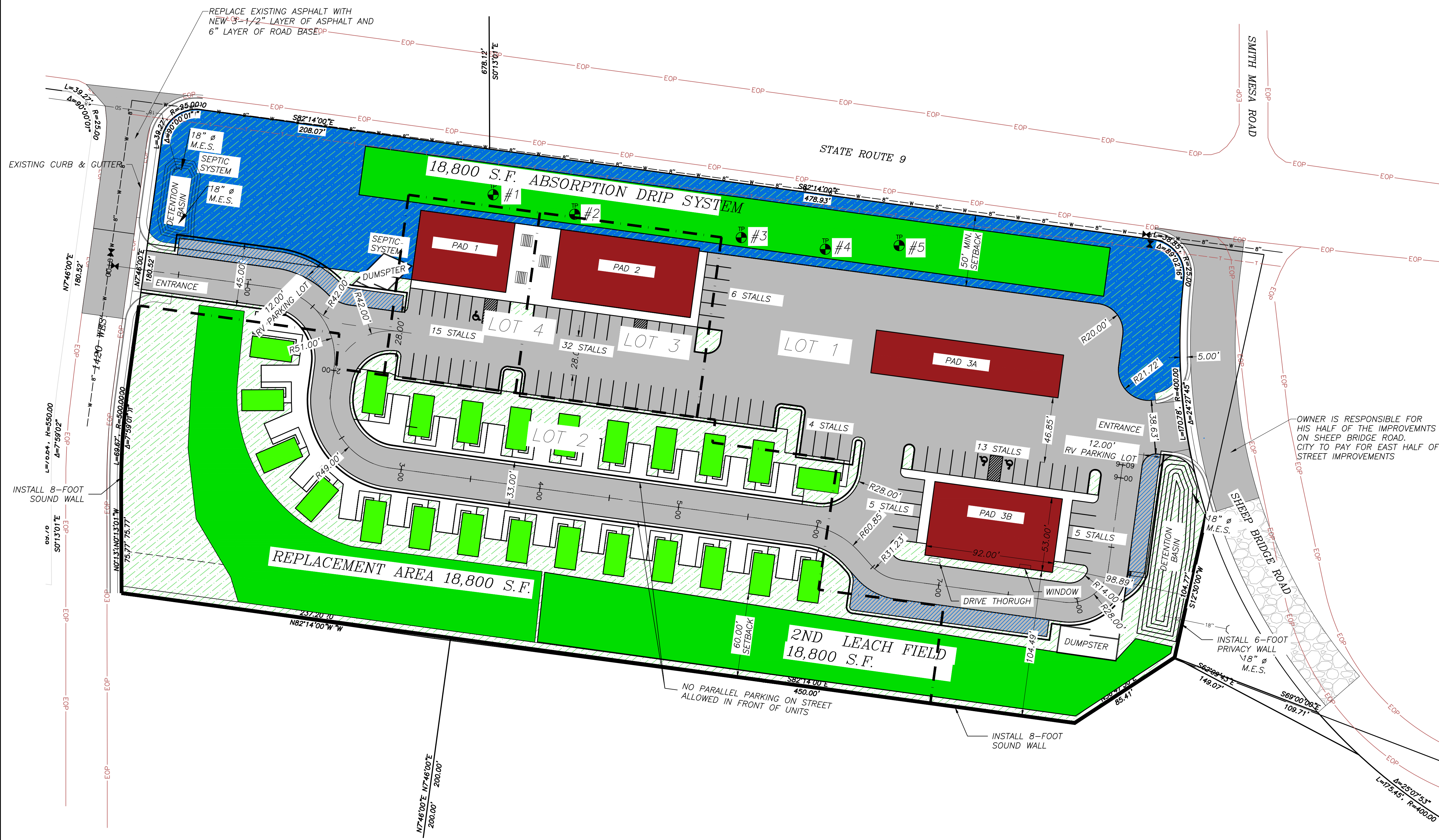
PARCEL ID'S : V-2-1-21-314 & V-2-1-21-315
LOCATED AT IN SECTION 21, T41S, R12W, S.L.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH

LEGEND

	PROPERTY LINE
	ADJACENT PROPERTY LINE
	EXISTING FENCE
	EDGE OF PAVEMENT
	PROPOSED PROPERTY LINE
	CABIN UNIT, 24 EACH
	SEPTIC AREA & LANDSCAPING REQ'D
	PAVEMENT
	12-FOOT RV PARKING LOT



NOTE:
3" OF ASPHALT IS REQUIRED ON 1420 WEST ST
AND SHEEP BRIDGE ROAD



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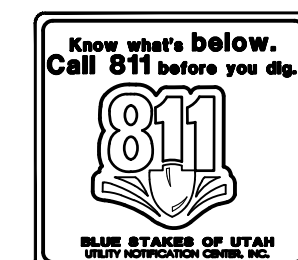


SITE PLAN FOR:
VIRGIN COMM CONST
LOCATED IN SECTION 21, T41S, R12W, S.L.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH

DATE: 08-21-2021
SCALE: 1"=40'

JOB NO.
510-001

SHEET NO:
C2

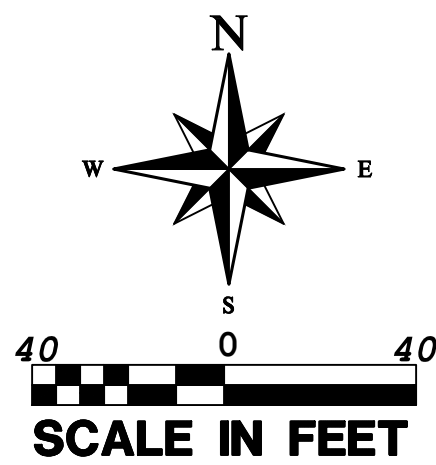


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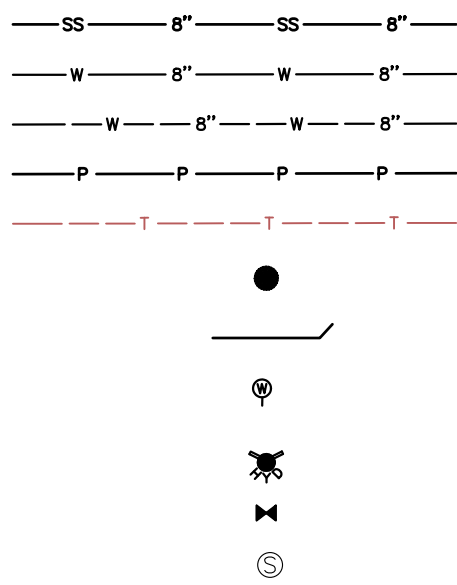
SITE PLAN

WATER & SEWER PLAN FOR: VIRGIN COMM CONST

PARCEL ID'S : V-2-1-21-314 & V-2-1-21-315
LOCATED AT IN SECTION 21, T41S, R12W, S.L.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH



LEGEND



PROPOSED 8" SANITARY SEWER LINE
PROPOSED 8" PVC WATERLINE
EXISTING 8" WATER MAIN
EXISTING & PROPOSED POWER
EXISTING TELEPHONE/ FIBER
NEW SEWER MANHOLE PER ASH CREEK STANDARDS
NEW 4" PVC SEWER LATERAL PER ASH CREEK STANDARDS
NEW 3/4" WATER LATERAL & METER PER VIRGIN TOWN STANDARDS
NEW FIRE HYDRANT PER VIRGIN TOWN STANDARDS
NEW WATER VALVE PER VIRGIN TOWN STANDARDS
EXISTING MANHOLE

VIRGIN TOWN WATER NOTES:

- ALL VALVING MUST BE THREE-WAY.
- 12" MUST BE BUTTERFLY VALVES.
- 6" & 8" MUST BE GATE VALVES.
- ANY QUESTIONS CONCERNING WATER LINE INFRASTRUCTURE CONTACT DALLAN WITH VIRGIN CITY 435-632-5843

TOWN STREETS NOTES:

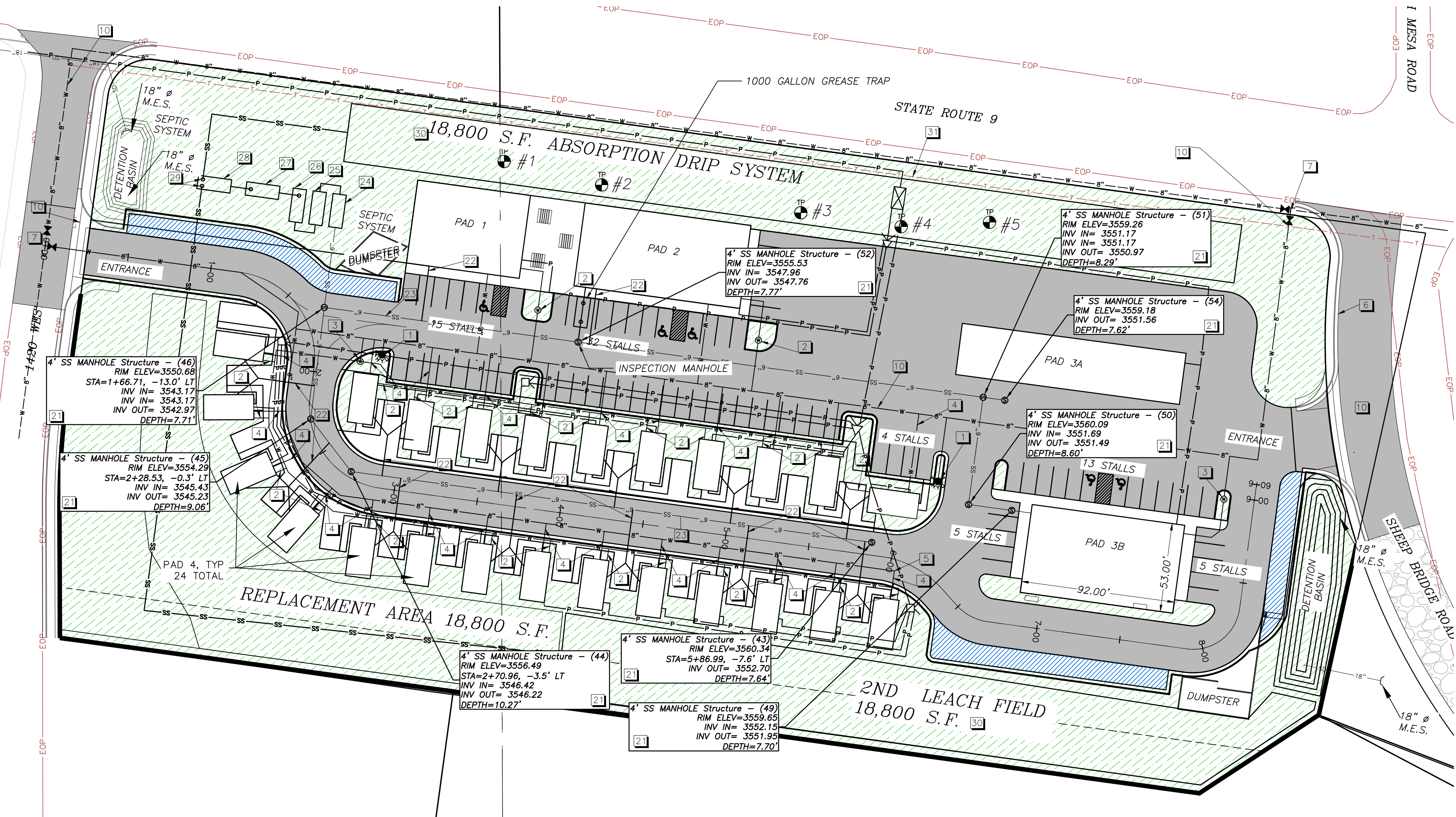
- NO BURNING OF CONSTRUCTION MATERIALS
- CONSTRUCTION OF HOMES NOT PERMITTED UNTIL ROAD IMPROVEMENTS ARE COMPLETE

VIRGIN VALLEY FIRE DISTRICT NOTES:

- PLACEMENT OF FIRE HYDRANTS MUST MEET IFC-2012
- BURNING OF CONSTRUCTION MATERIAL OR DEBRIS IS STRICTLY PROHIBITED.
- CONSTRUCTION OF ROADS MUST BE COMPLETE WITH ALL WEATHER SURFACE BEFORE HOMES ARE PERMITTED TO BE BUILT.

ASH CREEK SEWER NOTES:

- CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO SEWER LINES AND LATERALS. IF DAMAGED, CALL ASH CREEK SPECIAL SERVICE DISTRICT AT 435-365-2348 AND GARY WILCOX AT 435-680-3565



ADDITIONAL NOTES

- ALL SEWER TO BE INSTALLED 10' MINIMUM FROM WATERLINES, HORIZONTALLY AND 18" MINIMUM BELOW WATERLINES, VERTICALLY.

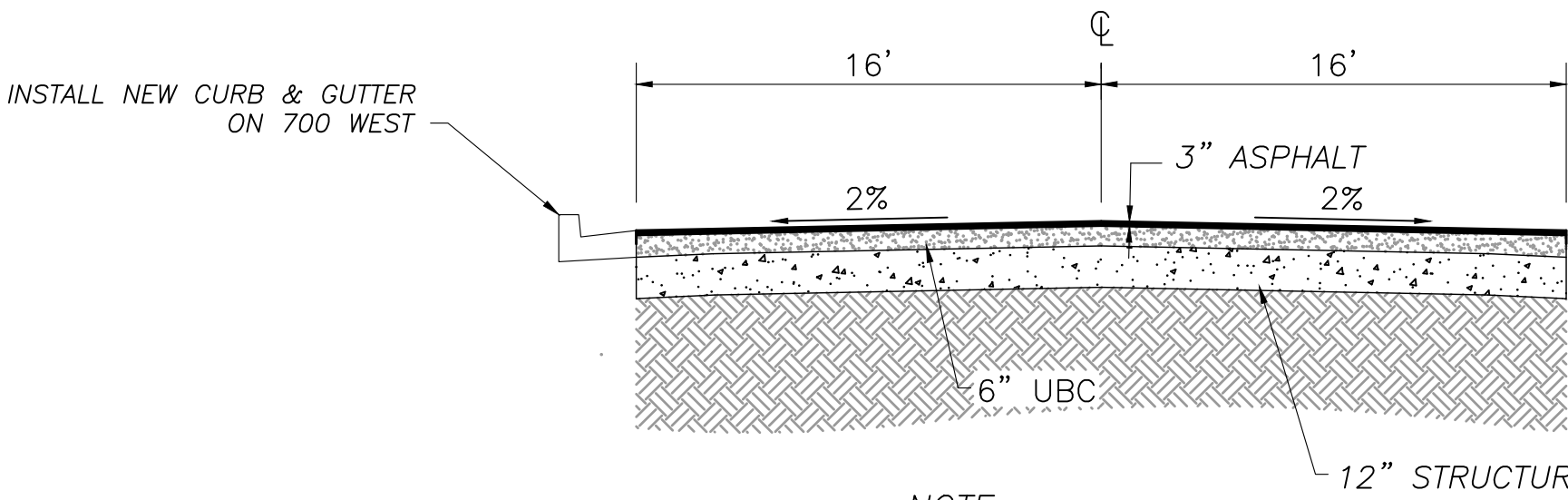
CONSTRUCTION NOTES:

WATER (1-20):

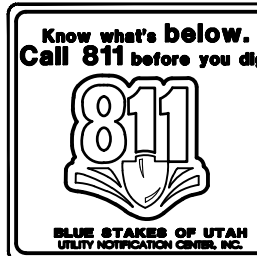
- INSTALL NEW FIRE HYDRANT
- INSTALL NEW 3/4" COPPER TYPE "K" WATER METER & LATERAL (TYP)
- INSTALL NEW 1-1/2" COPPER TYPE "K" WATER METER
- INSTALL NEW 1" FIRE LINE TO UNITS
- INSTALL 8" WATER CAP - WITH THREADS AND CORP STOP FOR SERVICE TO LOT 5
- INSTALL NEW CURB & GUTTER
- INSTALL NEW 8" TEE WITH 8" VALVE CLUSTER
- INSTALL NEW ADS STORM DRAIN (SIZE SHOWN)
- INSTALL NEW SD INLET BOX
- INSTALL 8" WATER WAY
- INSTALL NEW SEWER LATERAL (TYP)
- INSTALL NEW SEWER MAIN (SIZE SHOWN)

SEWER (21-40):

- INSTALL NEW SEWER MANHOLE (SIZE SHOWN)
- INSTALL NEW 4" SEWER LATERAL
- INSTALL NEW 8" SEWER MAIN
- INSTALL 8,000 GALLON SEPTIC TANK
- INSTALL 4,000 GALLON SEPTIC TANK
- INSTALL 3,000 GALLON EQUALIZATION TANK
- INSTALL AQUATECH BK BIOREACTOR
- INSTALL 5,000 GALLON PUMP TANK
- INSTALL DUAL EFFLUENT PUMPS
- INSTALL ABSORPTION DRIP SYSTEM
- EXISTING FIBER LINE



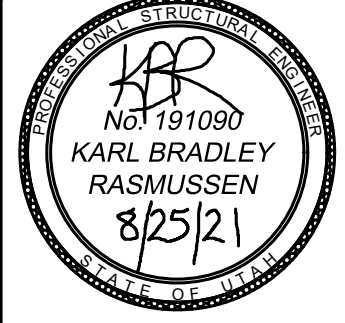
NOTE:
3" OF ASPHALT IS REQUIRED ON 1420 WEST ST
AND SHEEP BRIDGE ROAD



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NO	REVISIONS	DESCRIPTION	DATE	BY

PROVALUE ENGINEERING, INC.
Engineers - Land Surveyors - Land Planners
20 South 850 West, Suite 1
VIRGIN CITY, UTAH 84301
PHONE: 435-680-8807

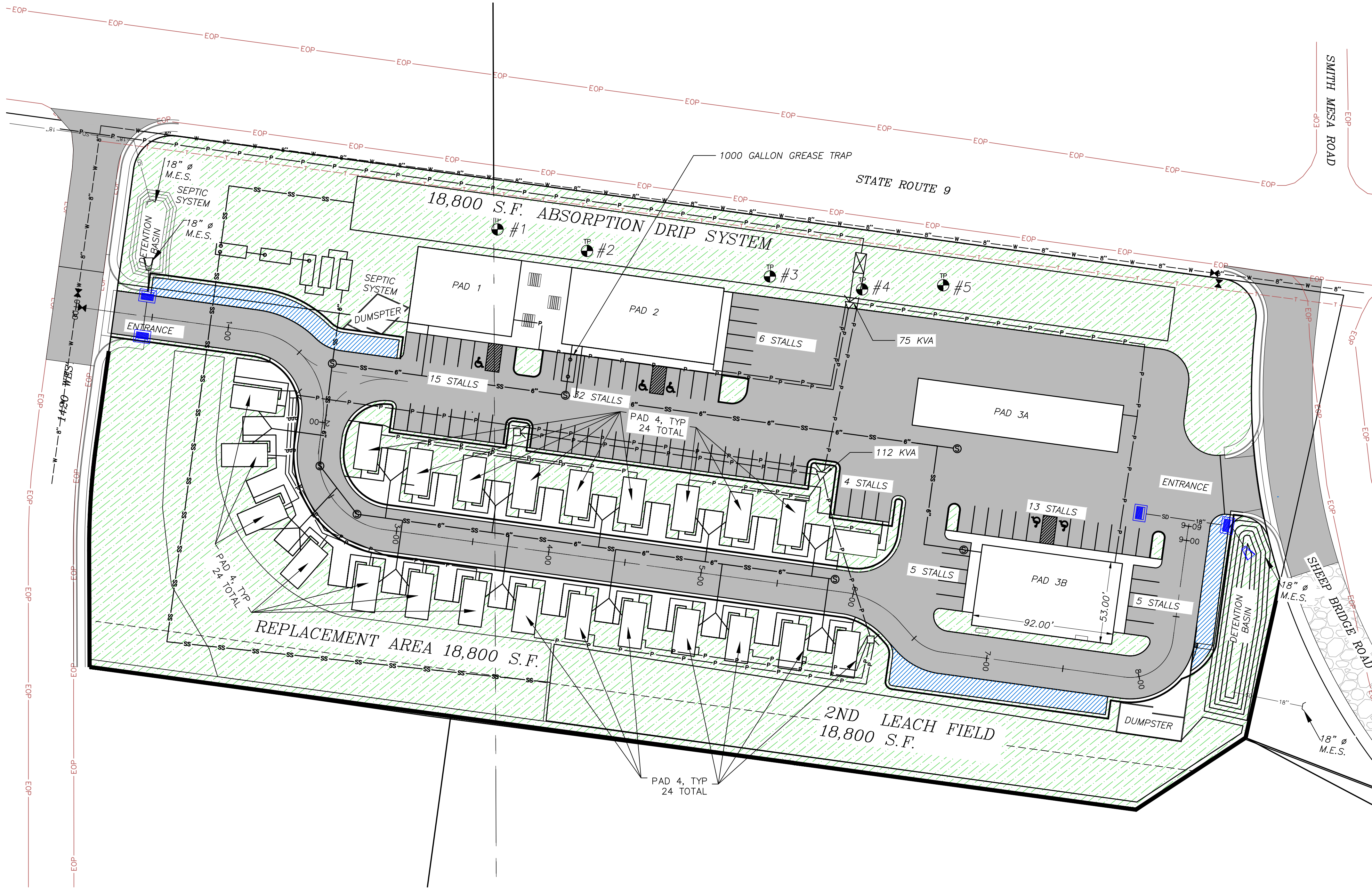
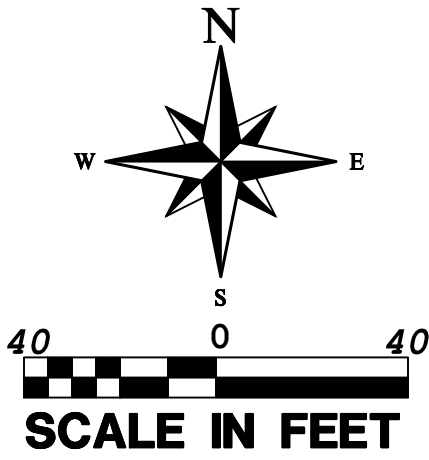


WATER & SEWER PLAN FOR:
VIRGIN COMM CONST
LOCATED IN SECTION 21, T41S, R12W, S.L.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH

DATE: 08-21-2021 SCALE: 1"=40'	JOB NO. 510-001	SHEET NO. C3
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COMMUNICATION AND POWER PLAN FOR:
VIRGIN COMM CONST

PARCEL ID'S : V-2-1-21-314 & V-2-1-21-315
LOCATED AT IN SECTION 21, T41S, R12W, S.L.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH



LEGEND

- SS 8" SS 8" PROPOSED 8" SANITARY SEWER LINE
- W 8" W 8" PROPOSED 8" PVC WATERLINE
- W 8" W 8" EXISTING 8" WATER MAIN
- P P P P EXISTING & PROPOSED POWER
- T T T T EXISTING TELEPHONE/ FIBER
- NEW SEWER MANHOLE PER ASH CREEK STANDARDS
- NEW 4" PVC SEWER LATERAL PER ASH CREEK STANDARDS
- NEW 3/4" WATER LATERAL & METER PER VIRGIN TOWN STANDARDS
- NEW FIRE HYDRANT PER VIRGIN TOWN STANDARDS
- NEW WATER VALVE PER VIRGIN TOWN STANDARDS
- EXISTING MANHOLE

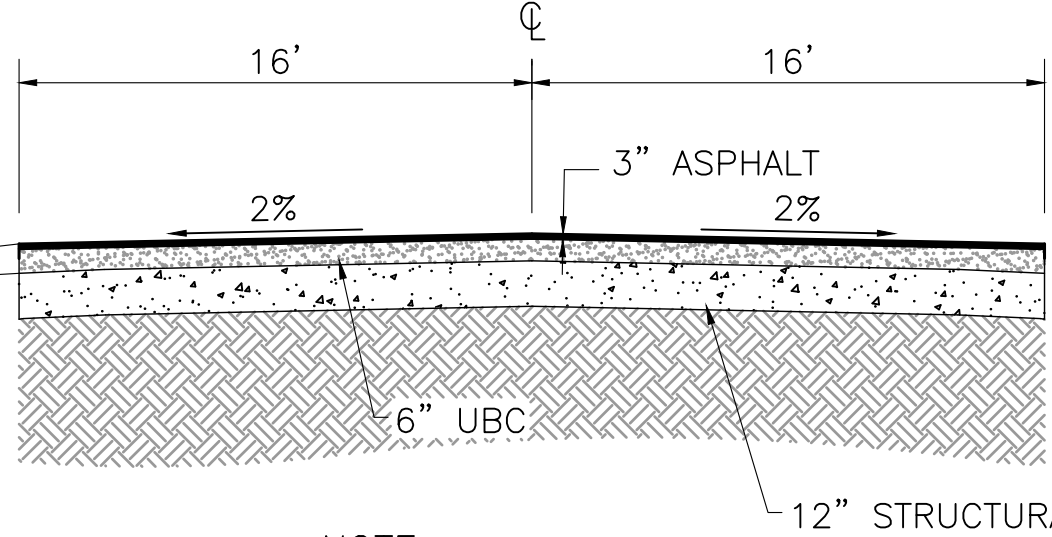
CENTURYLINK PHONE NOTES:

- DEVELOPER TO PROVIDE ALL TRENCHING AND PLACE 4" CONDUIT.
- CONTRACTOR TO INSTALL CONDUIT AND PLACE A PULL STRING IN ALL CONDUITS TO VERIFY CONDUIT INTEGRITY.
- PROVIDE #6 SOLID GROUND WIRE TO CENTURYLINK DEMARCATION POINT. IF TERMINAL IS INSIDE A 4" x 8" x 1/4" PLYWOOD BACKBOARD IS REQUIRED.
- IF DMARC IS OUTSIDE DEVELOPER IS REQUIRED TO INSTALL 30" x 30" x 10" WEATHER PROOF BOX W/ BACKBOARD.
- CONTACT CENTURYLINK ENGINEER ZACH MATHEWS AT 435-673-9639 45 DAYS BEFORE ANY SERVICE IS REQUIRED TO SET UP SITE VISIT AND REPORT ANY CHANGES TO J.U.C. APPROVED PLANS.
- ANY PLANT RELOCATIONS ASSOCIATED WITH THE PROJECT WILL BE BILLABLE TO THE OWNER/DEVELOPER AND MUST BE SCHEDULED A MINIMUM OF 3 WEEKS IN ADVANCE.
- FAILURE TO COMPLY WITH THE ABOVE REQUIREMENTS WILL CAUSE A DELAY IN SERVICE.

TDS COMMUNICATIONS NOTES:

- DEVELOPER IS RESPONSIBLE FOR:
- PROVIDE ALL TRENCH AND PLACEMENT OF CONDUIT.
 - PLACEMENT OF PULL STRING AND RETURNED COPY OF AS-BUILTS TO CENTURYLINK ENGINEER. (PULL STRING REQUIRED PRIOR TO ASPHALT)
 - ANY CHANGES TO J.U.C. APPROVED PLANS PLEASE CONTACT CENTURYLINK ENGINEER ZACH MATHEWS AT 435-673-9639
 - ANY PLANT RELOCATIONS ASSOCIATED WITH PROJECT WILL BE BILLABLE TO THE OWNER/DEVELOPER AND MUST BE SCHEDULED A MINIMUM OF 30 DAYS IN ADVANCE.
 - MUST CONTACT CENTURYLINK ENGINEER 45 DAYS IN ADVANCE PRIOR TO REQUIRING SERVICE. FAILURE TO COMPLY MAY RESULT IN A DELAY OF SERVICE.
 - ALL CONDUIT IS 2" UNLESS OTHERWISE NOTED.

INSTALL NEW CURB & GUTTER
ON SHEEP BRIDGE ROAD



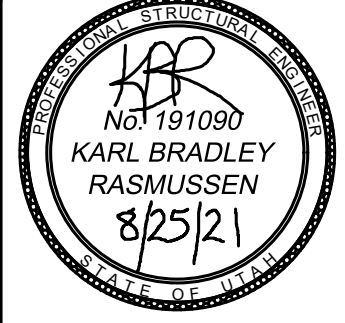
NOTE:
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REVISIONS		DATE	BY
NO	DESCRIPTION		

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20 South 850 West, Suite 1
VIRGIN CITY, UTAH 84301
Phone: 435-668-8307

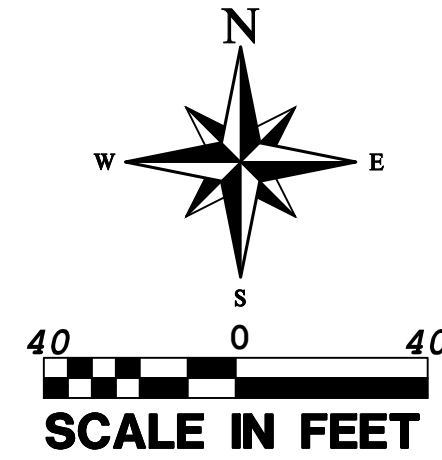


COMMUNICATION & POWER PLAN FOR:
VIRGIN COMM CONST
LOCATED IN SECTION 21, T41S, R12W, S.L.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH

DATE: 08-27-2021 SCALE: 1"=40'
JOB NO. 510-001
SHEET NO: C4

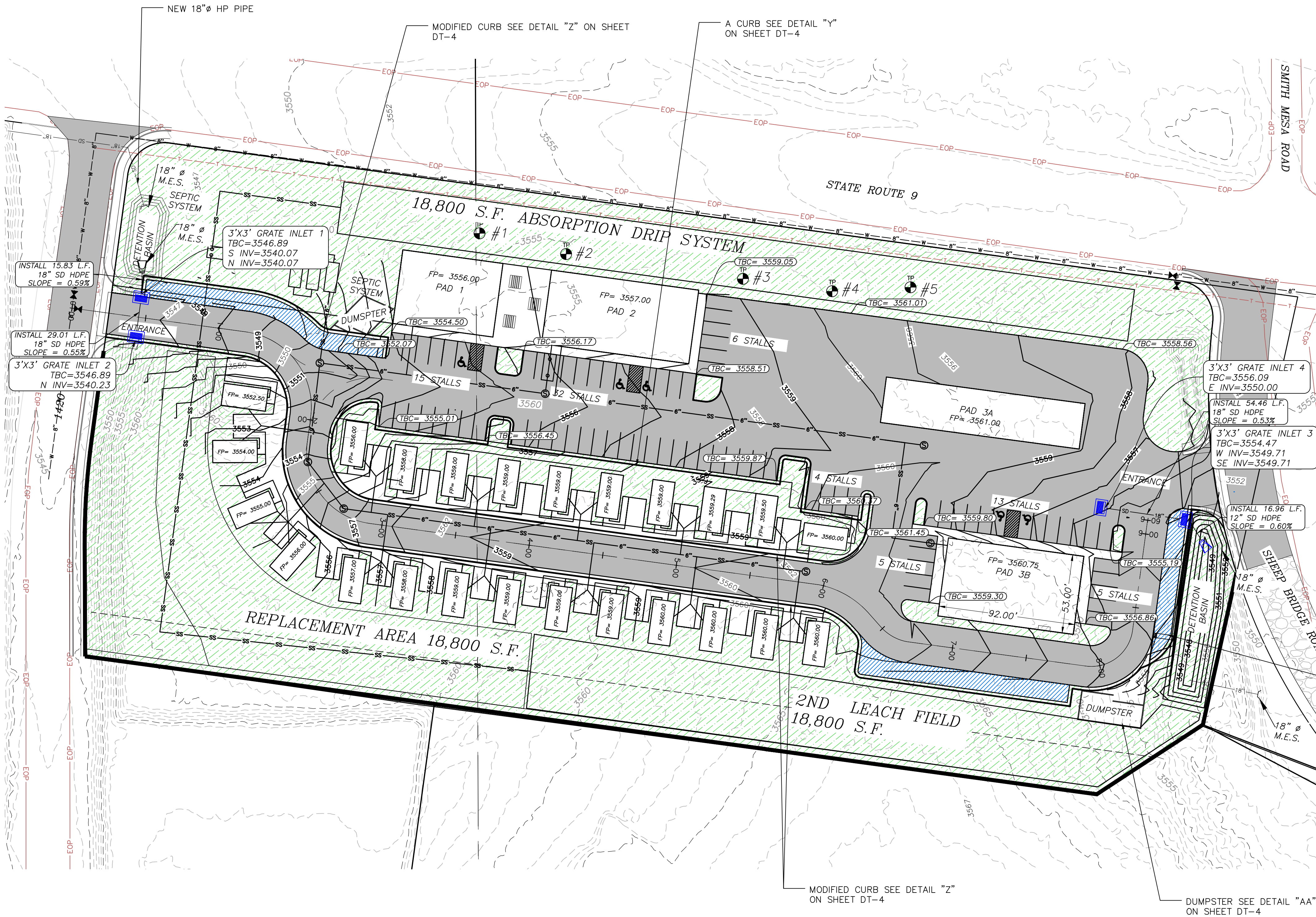
GRADING PLAN FOR: VIRGIN COMM CONST

PARCEL ID'S : V-2-1-21-314 & V-2-1-21-315
LOCATED AT IN SECTION 21, T41S, R12W, S.L.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH



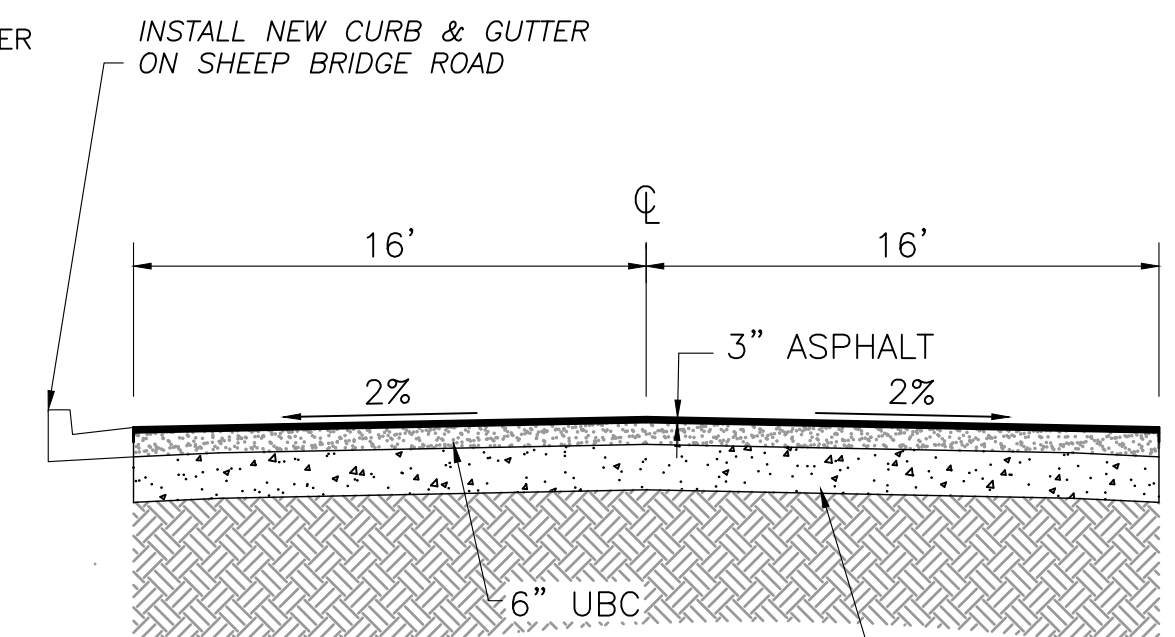
LEGEND

SS	8"	SS	8"	PROPOSED 8" SANITARY SEWER LINE
W	8"	W	8"	PROPOSED 8" PVC WATERLINE
W	8"	W	8"	EXISTING 8" WATER MAIN
P	P	P	P	EXISTING & PROPOSED POWER
T	T	T	T	EXISTING TELEPHONE/ FIBER
●				NEW SEWER MANHOLE PER ASH CREEK STANDARDS
○				NEW 4" PVC SEWER LATERAL PER ASH CREEK STANDARDS
⊗				NEW 3/4" WATER LATERAL & METER PER VIRGIN TOWN STANDARDS
⊕				NEW FIRE HYDRANT PER VIRGIN TOWN STANDARDS
⊙				NEW WATER VALVE PER VIRGIN TOWN STANDARDS
⊞				NEW MANHOLE
⊠				NEW SD INLET BOX PER VIRGIN TOWN STANDARDS
---				EXISTING 1' CONTOURS
---				EXISTING 5' CONTOURS
---				PROPOSED 1' CONTOURS
---				PROPOSED 5' CONTOURS
⊙				TEST PIT



Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
EG vs FG	1.000	1.000	158906 Sq. Ft.	12970.99 Cu. Yd.	6192.61 Cu. Yd.	6778.39 Cu. Yd.<Cut>
Totals			158906 Sq. Ft.	12970.99 Cu. Yd.	6192.61 Cu. Yd.	6778.39 Cu. Yd.<Cut>

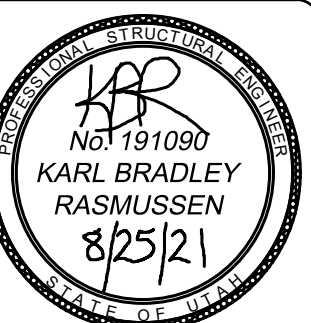


NOTE:
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VIRGIN, WASHINGTON COUNTY, UTAH

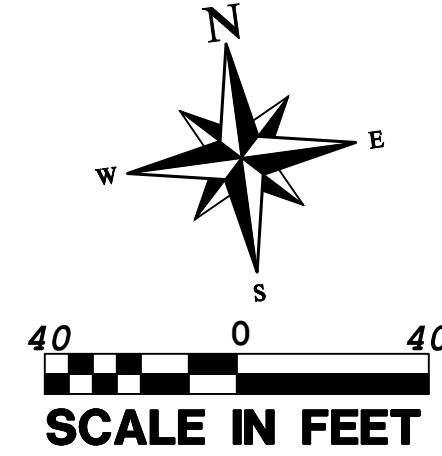
DATE: 08-27-2021
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520-001

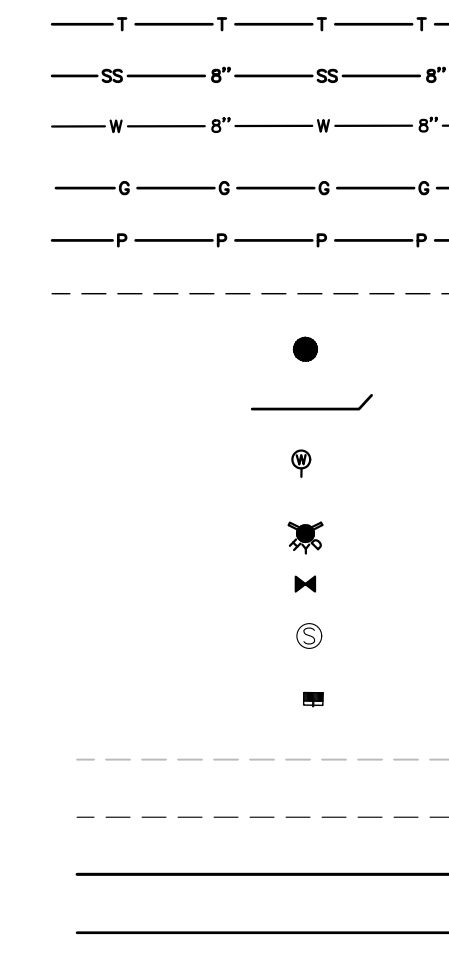
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C5

PLAN & PROFILE FOR ROAD A: VIRGIN COMM CONST

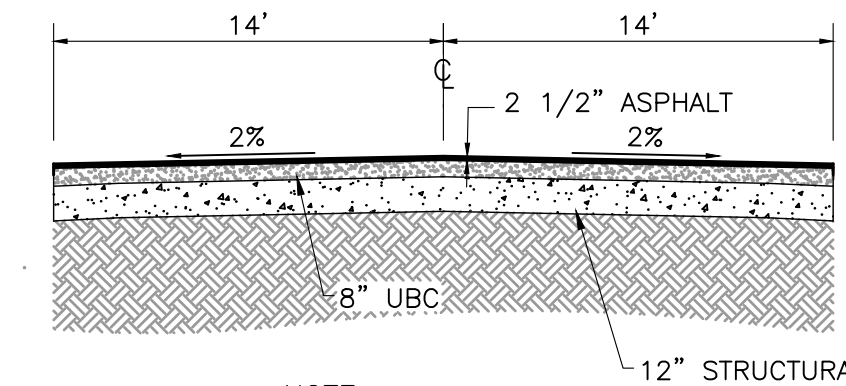
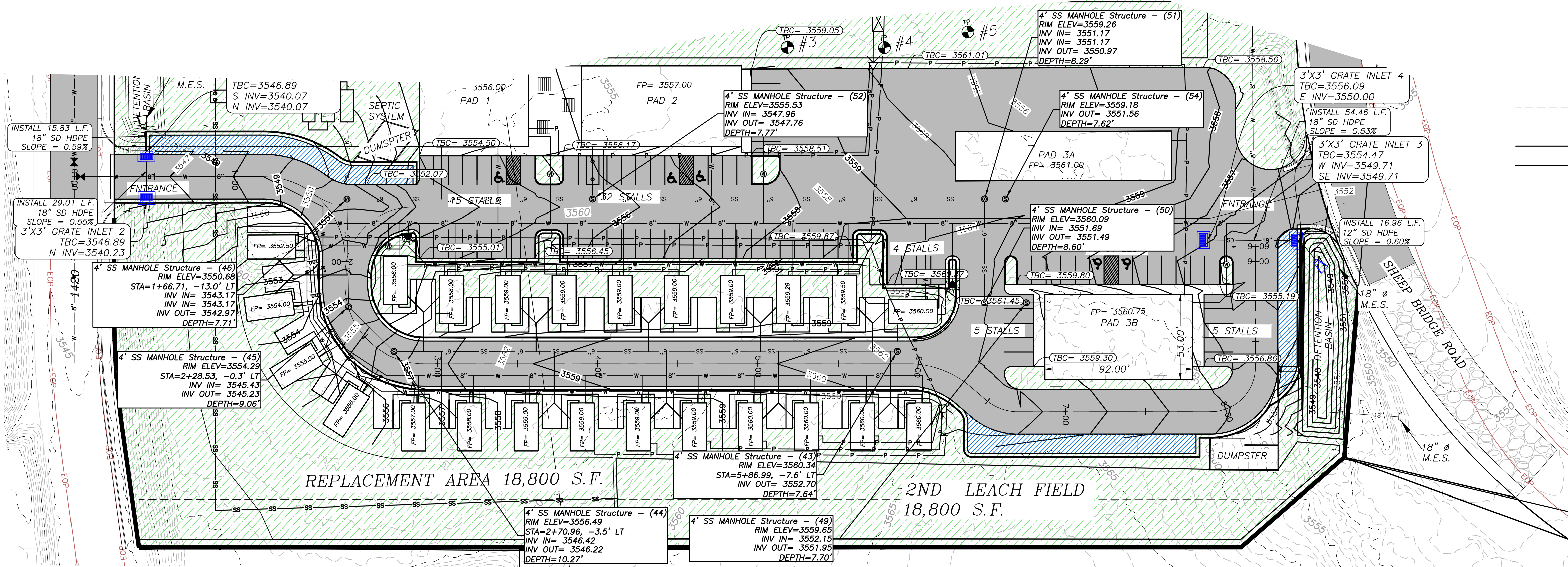
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LEGEND

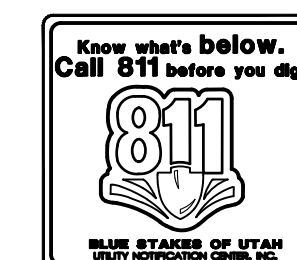
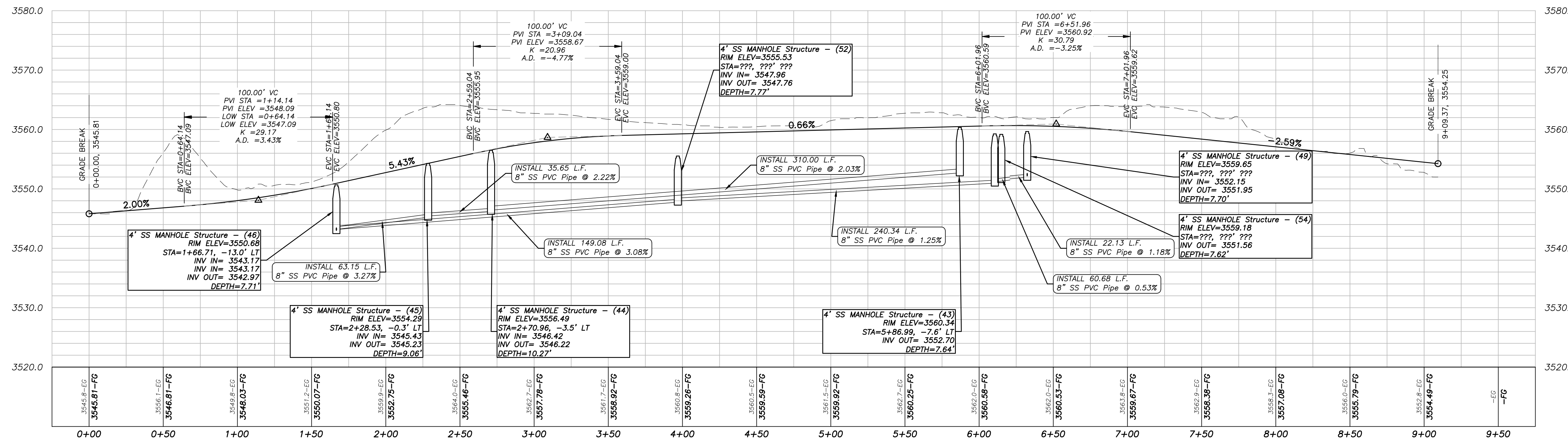


PROPOSED PHONE LINE
PROPOSED 8" SANITARY SEWER LINE
PROPOSED 8" PVC WATERLINE
PROPOSED NATURAL GAS LINE
PRIMARY POWER
SECONDARY POWER
NEW SEWER MANHOLE PER ASH CREEK STANDARDS
NEW 4" PVC SEWER LATERAL PER ASH CREEK STANDARDS
NEW 3/4" WATER LATERAL & METER PER VIRGIN TOWN STANDARDS
NEW FIRE HYDRANT PER VIRGIN TOWN STANDARDS
NEW WATER VALVE PER VIRGIN TOWN STANDARDS
EXISTING MANHOLE
NEW SD INLET BOX PER VIRGIN TOWN STANDARDS
EXISTING 1' CONTOURS
EXISTING 5' CONTOURS
PROPOSED 1' CONTOURS
PROPOSED 5' CONTOURS



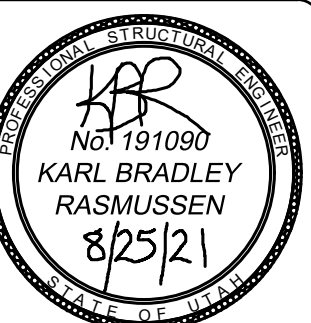
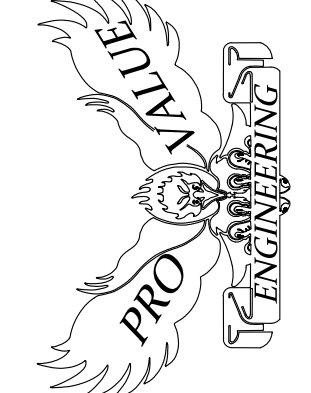
NOTE:
3" OF ASPHALT IS REQUIRED ON 700 WEST ST

PROFILE VIEW: ROAD A - 0+00.00 TO 9+09.37
HORIZONTAL SCALE: 1"=40' VERTICAL SCALE: 4:1
DATUM: 3520.00



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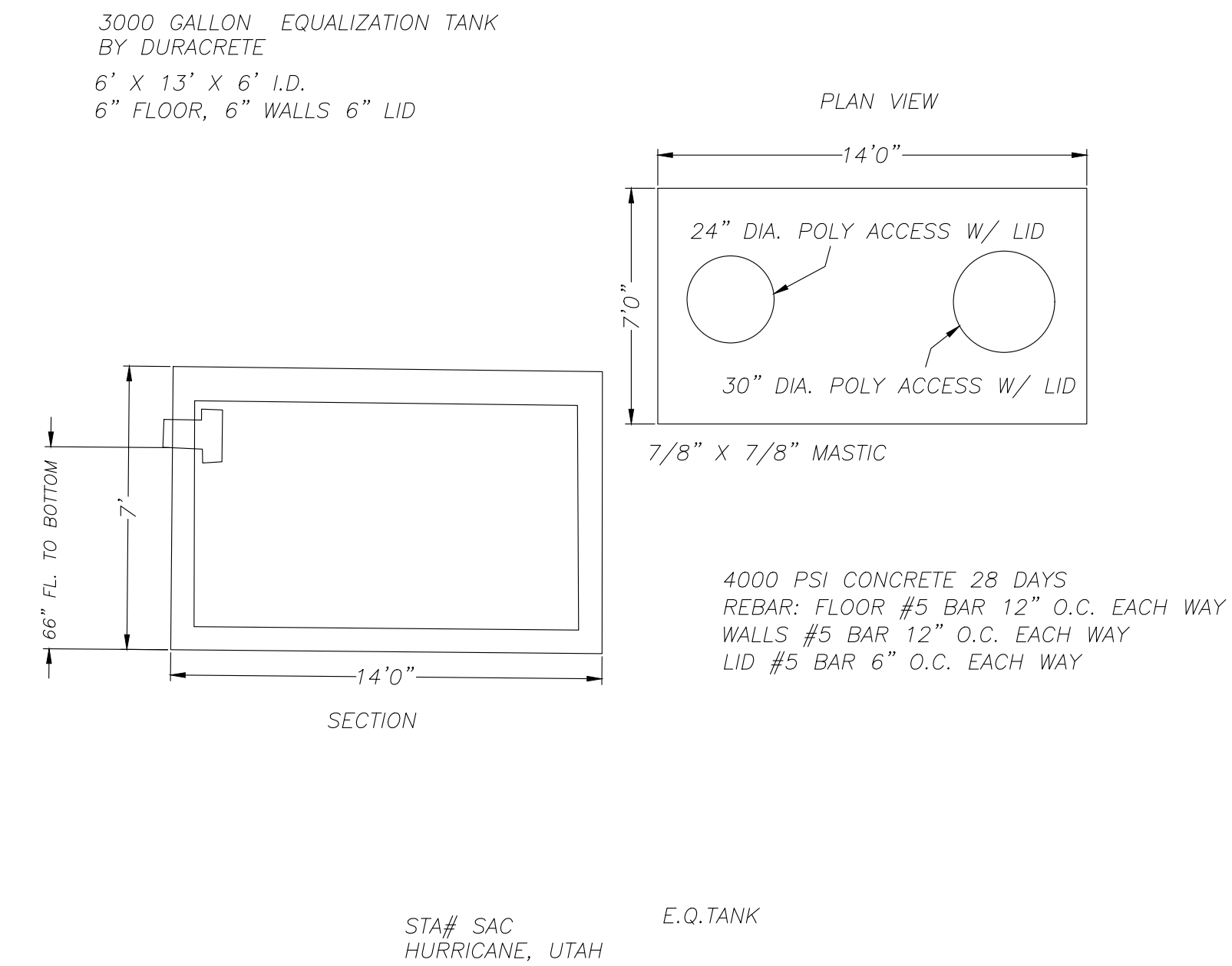
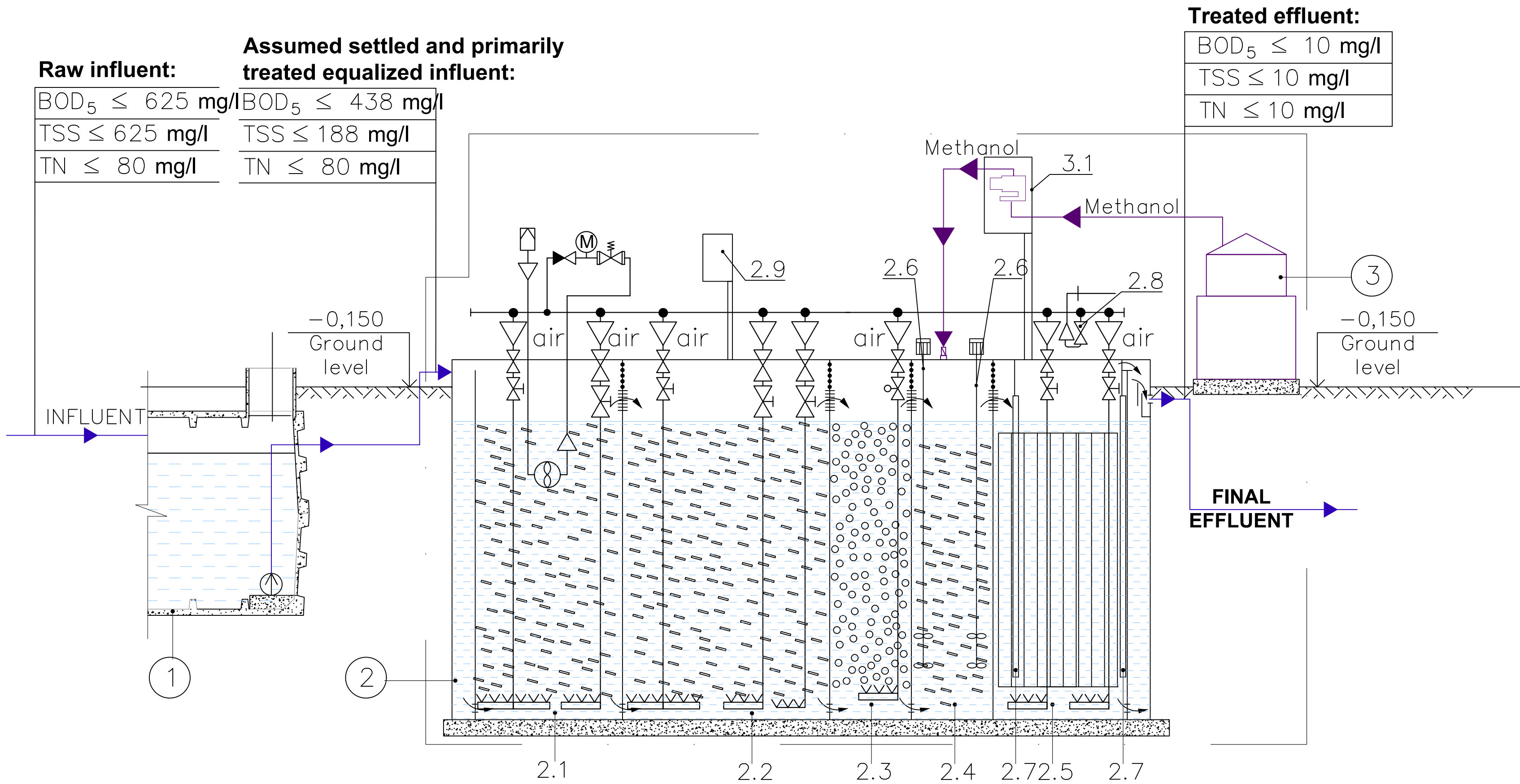
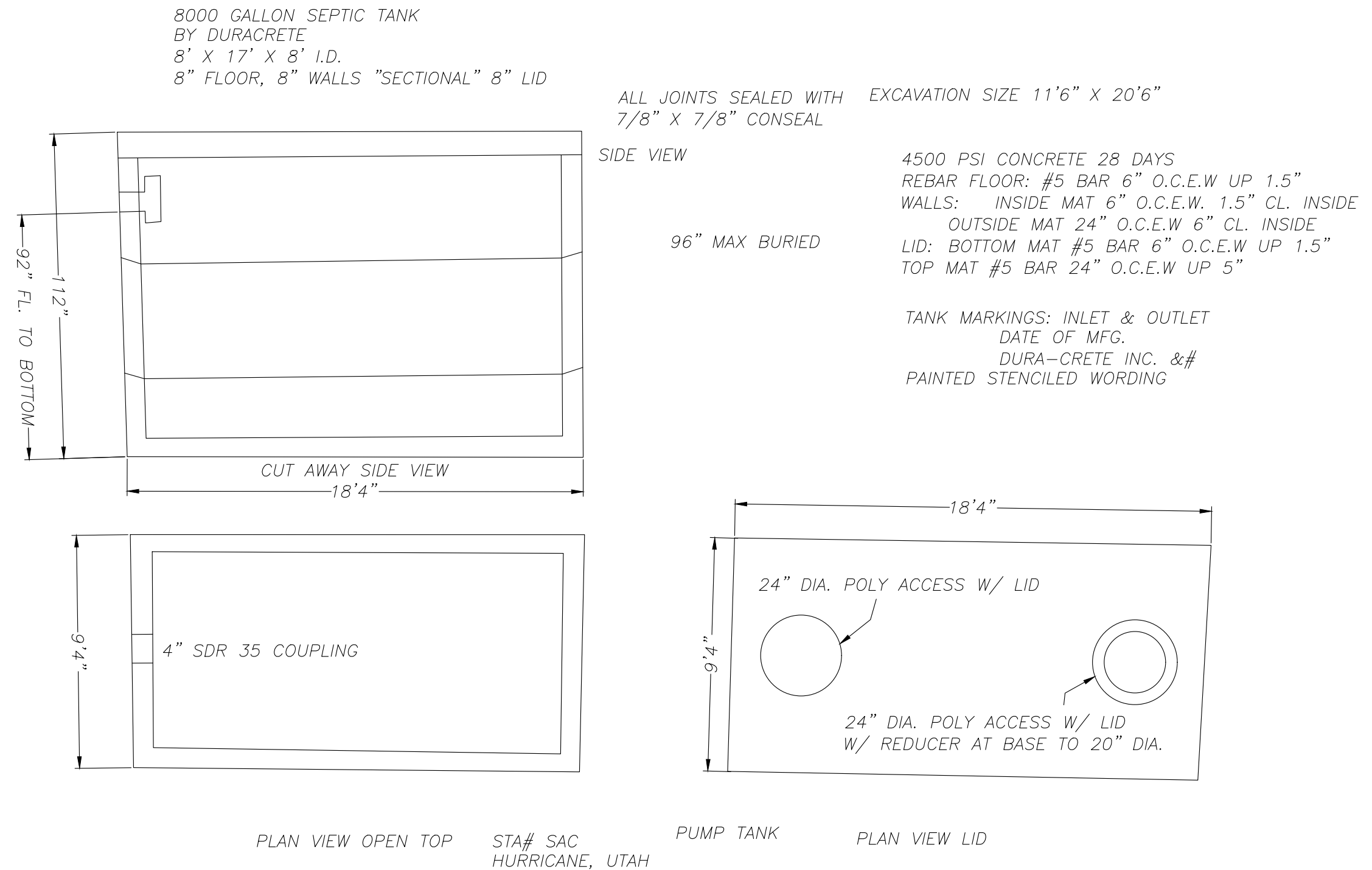


PLAN & PROFILE FOR ROAD A:
VIRGIN COMM CONST
LOCATED IN SECTION 21, T41S, R12W, S1.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH

DATE: 08-10-2021
SCALE: 1"=40'
JOB NO.
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SEWER DETAIL FOR:
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ASH CREEK SEWER DETAIL FOR:
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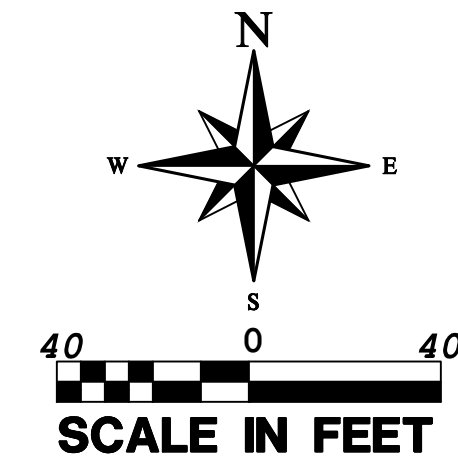
SHEET NO:
C7

REVISIONS
NO DESCRIPTION DATE BY

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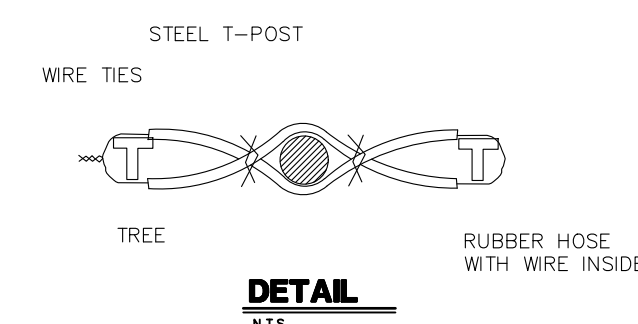
LANDSCAPE PLAN FOR:
VIRGIN COMM CONST

PARCEL ID'S : V-2-1-21-314 & V-2-1-21-315
LOCATED AT IN SECTION 21, T41S, R12W, S.L.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH

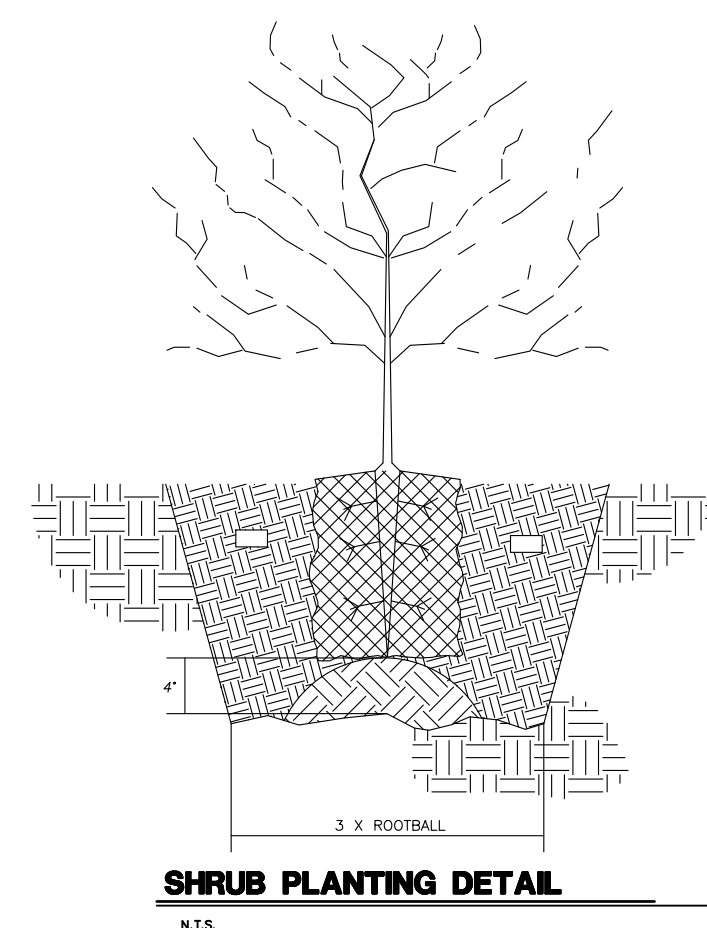


LEGEND

SS	8"	SS	8"	PROPOSED 8" SANITARY SEWER LINE
W	8"	W	8"	PROPOSED 8" PVC WATERLINE
W	8"	W	8"	EXISTING 8" WATER MAIN
P	P	P	P	EXISTING & PROPOSED POWER
T	T	T	T	EXISTING TELEPHONE/ FIBER
				NEW SEWER MANHOLE PER ASH CREEK STANDARDS
				NEW 4" PVC SEWER LATERAL PER ASH CREEK STANDARDS
				NEW 3/4" WATER LATERAL & METER PER VIRGIN TOWN STANDARDS
				NEW FIRE HYDRANT PER VIRGIN TOWN STANDARDS
				NEW WATER VALVE PER VIRGIN TOWN STANDARDS
				EXISTING MANHOLE
				PROPOSED ASPHALT
				TREE
				SHRUBS
				GRASS

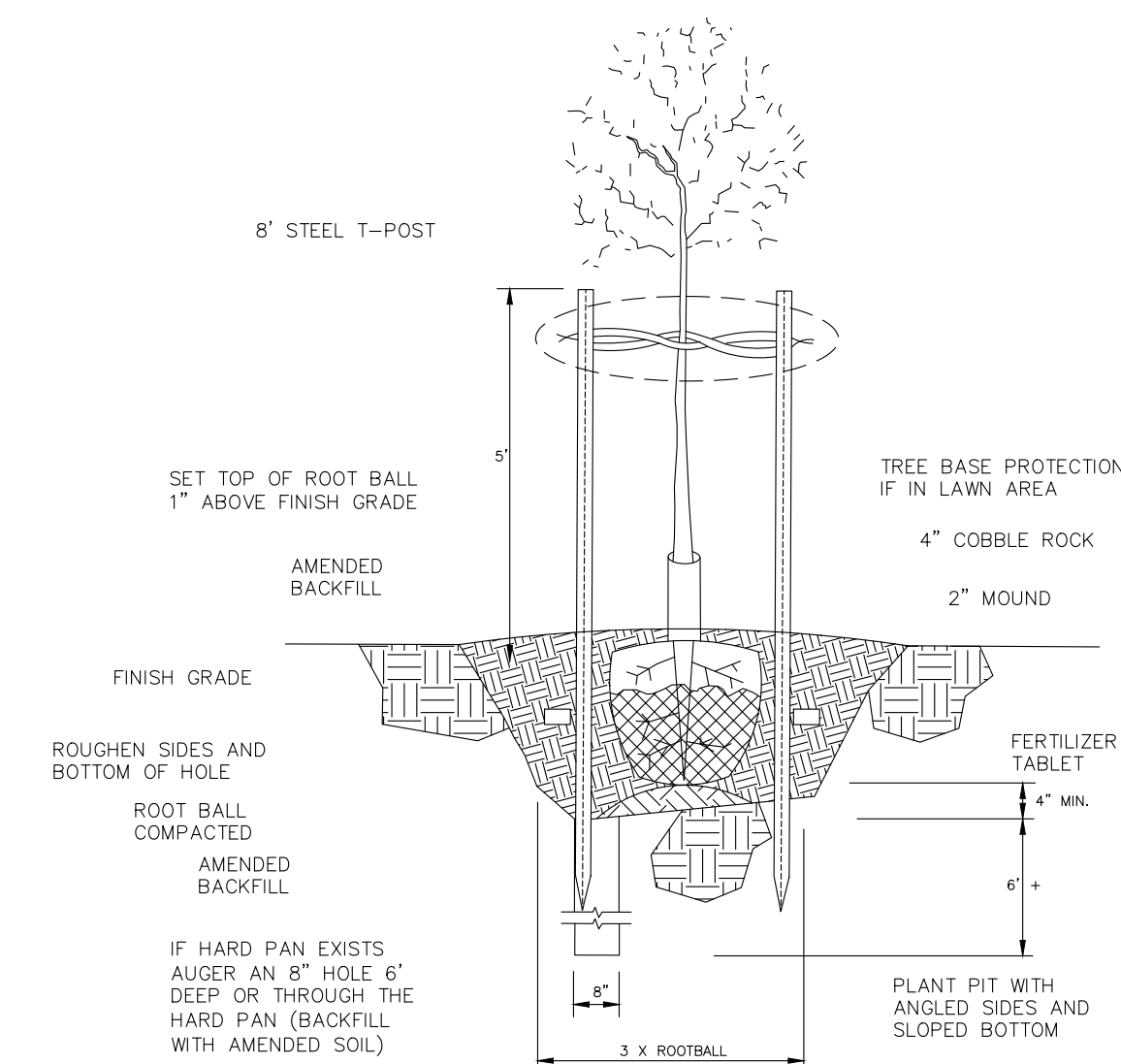


DETAIL



SHRUB PLANTING DETAIL

N.T.S.



DECIDUOUS TREE PLANTING DETAIL

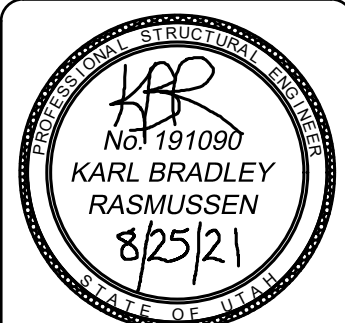
N.T.S.

LANDSCAPE NOTES

- 1: VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
- 2: ALL PLANT MATERIAL SHALL BE HEALTHY STOCK, FREE FROM DISEASE AND DISFIGUREMENT, HAVING FULL NATURAL SHAPES.
- 3: PLANT MATERIAL SHALL BE THE SAME SPECIES AND SIZE (OR LARGER) AS DESCRIBED IN THE PLANT SCHEDULE.
- 4: ALL TREES AND SHRUBS TO BE PLANTED ACCORDING TO DETAILS.
- 5: THE IRRIGATION CONTRACTOR SHALL PROVIDE AN IRRIGATION SYSTEM SHOP DRAWING SUBMITTAL FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT, AND VIRGIN CITY PERSONNEL BEFORE INSTALLATION COMMENCES. THIS DRAWING SHALL ILLUSTRATE THE PIPING CIRCUIT DRIP SYSTEM LAYOUT, AND VALVING FROM THE EXISTING IRRIG. POINT OF CONNECTION. THIS SHOP DRAWING MUST BE PREPARED BY A QUALIFIED PERSON.
- 6: ALL LANDSCAPE AREAS TO BE IRRIGATED WITH AN AUTOMATED IRRIGATION SYSTEM THAT MEETS CITY CODES, TREES AND SHRUBS TO BE IRRIGATED WITH A DRIP SYSTEM.
- 7: PROVIDE TOPSOIL FOR ALL TREE AREAS AND SHRUB AREAS AS NEEDED TO PROVIDE PROPER GROWTH CONDITIONS FOR THE PLANT MATERIALS.
- 8: PROVIDE FAST GROWING TREES FOR SCREENING ALONG SOUTH PROPERTY LINE.

REVISIONS		DATE	BY
NO	DESCRIPTION		

PROVALUE ENGINEERING, INC.
Engineers - Land Surveyors - Land Planners
20 South 850 West, Suite 1
VIRGIN City, Utah 84301
Phone: (435) 668-8807

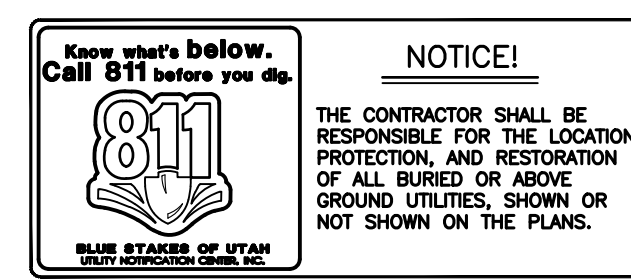


LANDSCAPE PLAN FOR:
VIRGIN COMM CONST
LOCATED IN SECTION 21, T41S, R12W, S.L.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH

DATE: 08-27-2021
SCALE: 1"=40'

JOB NO.
520-001

SHEET NO:
LS



LANDSCAPE PLAN

DETAIL SHEET 1 FOR:
VIRGIN COMM CONST

PARCEL ID'S : V-2-1-21-314 & V-2-1-21-315
LOCATED AT IN SECTION 21, T41S, R12W, S.L.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH



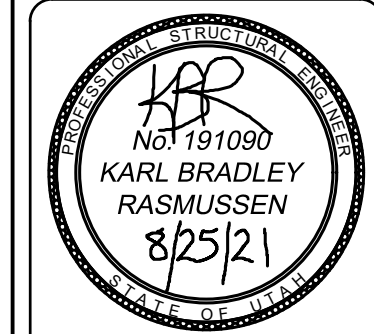
NOTICE!

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION, PROTECTION, AND RESTORATION OF ALL BURIED OR ABOVE GROUND UTILITIES, SHOWN OR NOT SHOWN ON THE PLANS.

PROVALUE ENGINEERING, INC.

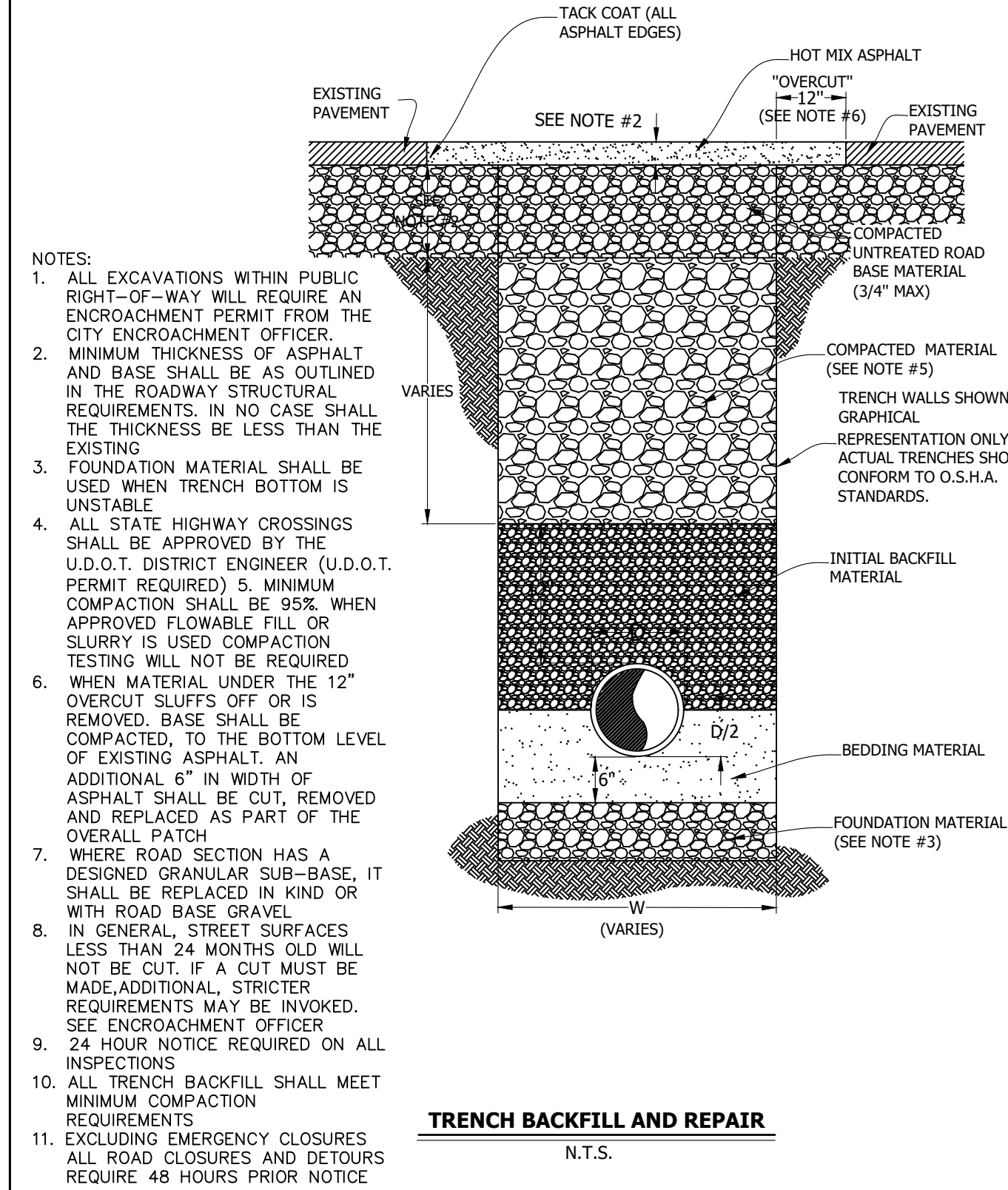
REVISIONS	NO	DESCRIPTION	DATE	BY

PROVALUE ENGINEERING, INC.
Engineers - Land Surveyors - Land Planners
10 South 850 West, Suite 1
Provo, UT 84601
Phone: (435) 868-8307



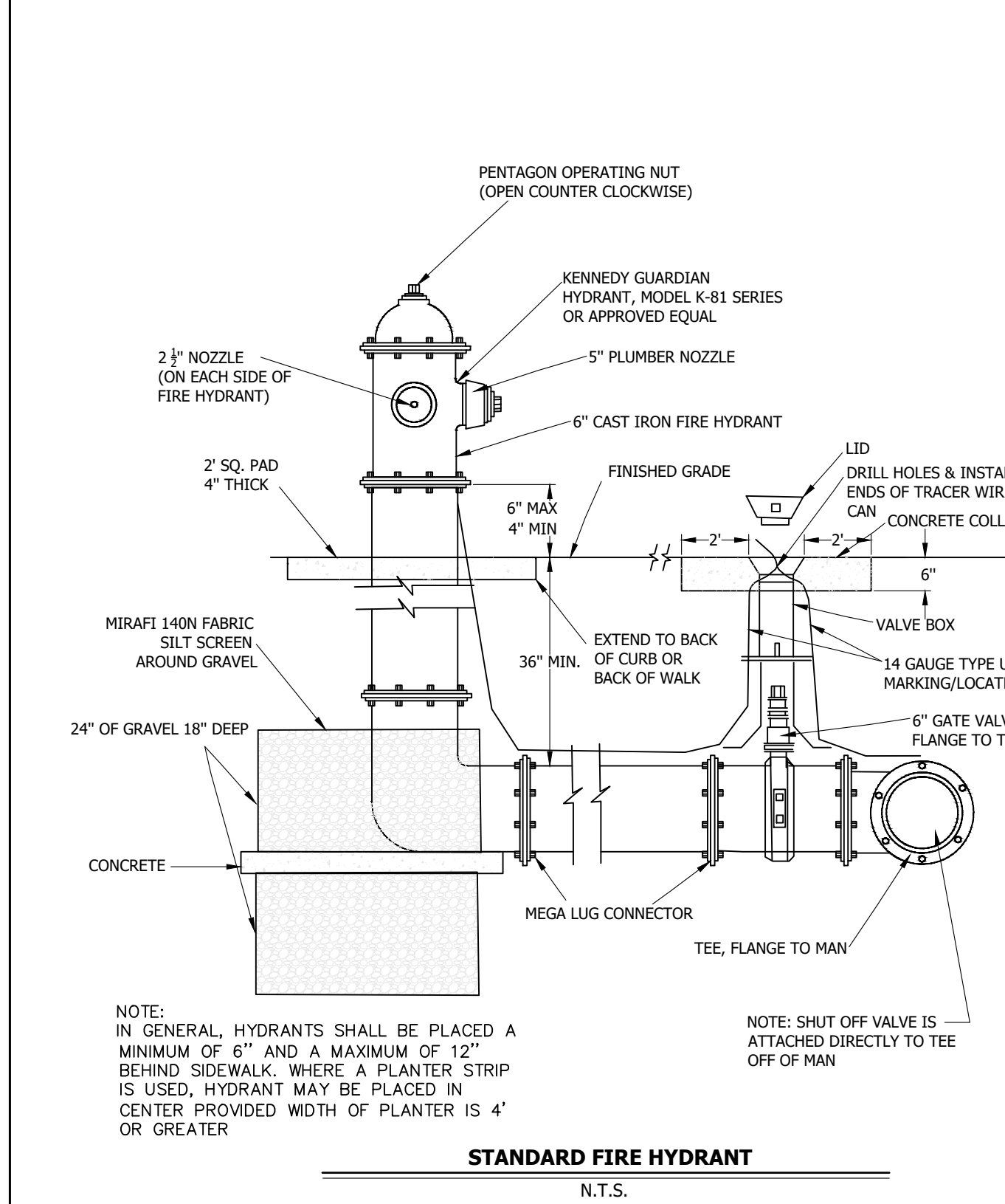
DETAIL SHEET 1 FOR:
VIRGIN COMM CONST
LOCATED IN SECTION 21, T41S, R12W, S.L.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH

DATE: 08-27-2021
SCALE: N.T.S.
JOB NO.
510-001
SHEET NO:
DT-1



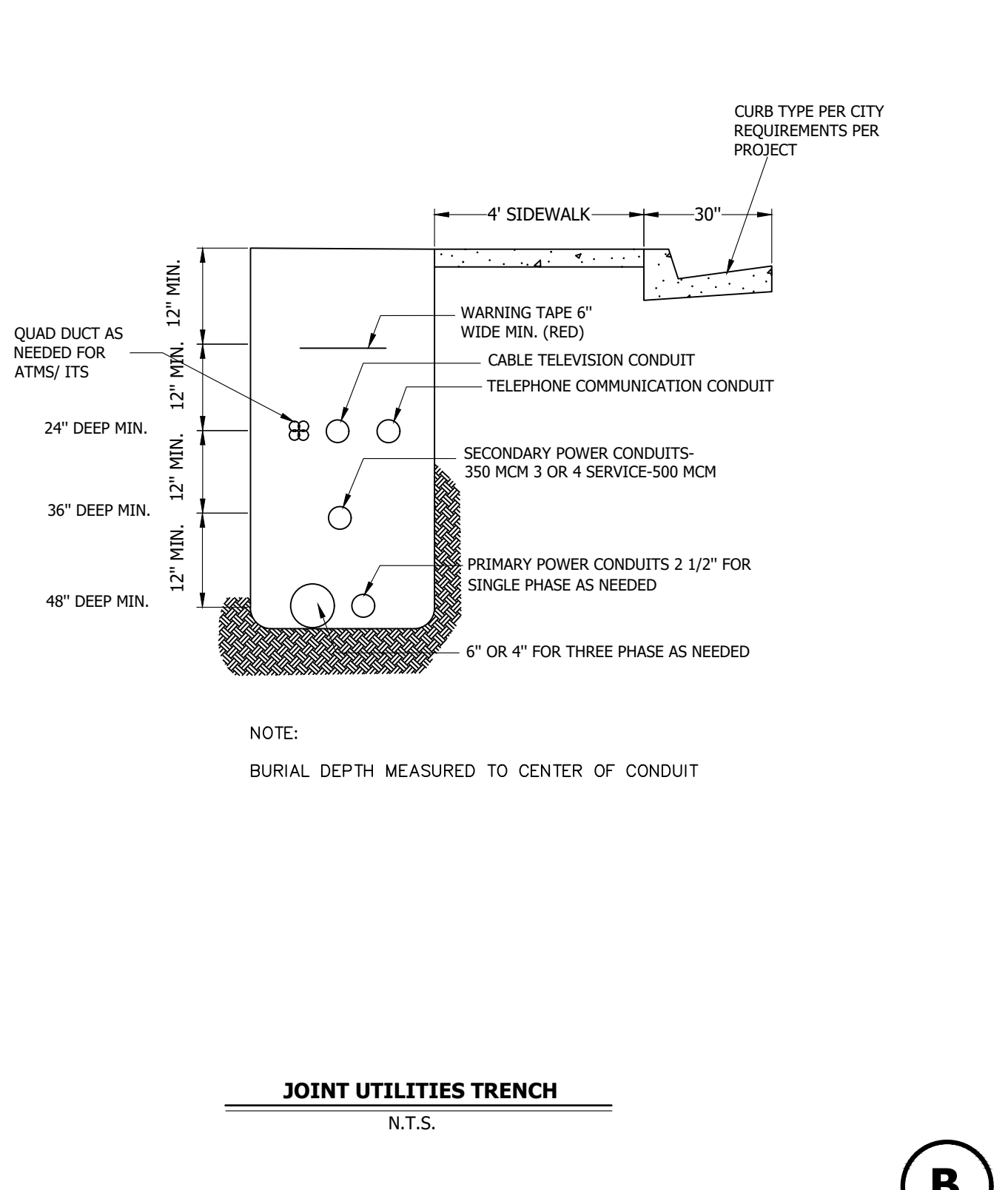
REVISIONS	DATE	DESCRIPTION	BY

CITY OF VIRGIN ENGINEERING
STANDARD DWG. NO. TO 100 1 OF 1
APPROVED: DATE: APRIL 2020 BY: H.C.E.



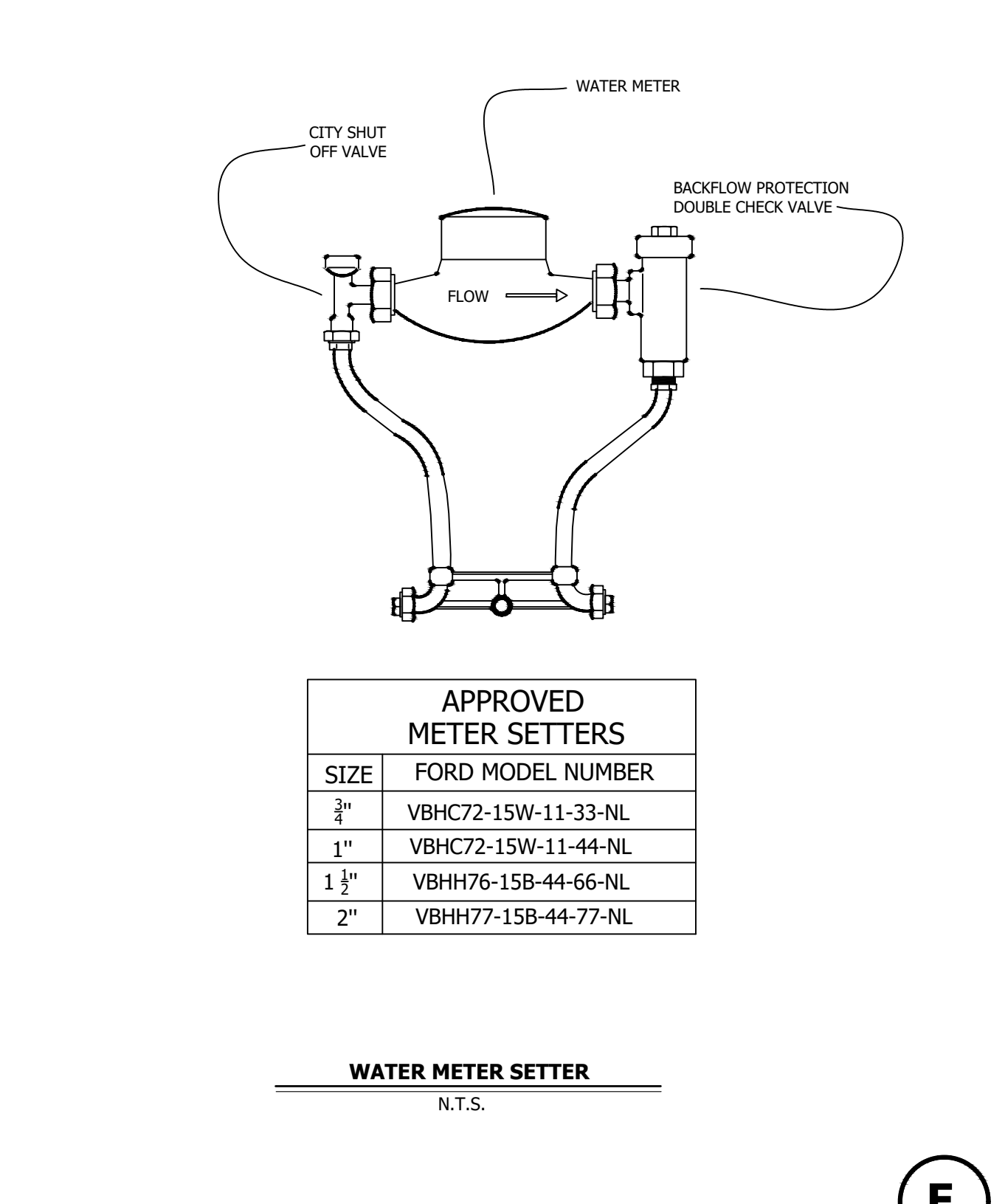
REVISIONS	DATE	DESCRIPTION	BY

CITY OF VIRGIN
STANDARD DWG. NO. WD 302 1 OF 1
APPROVED: DATE: 8/5/2020 BY: H.C.E.



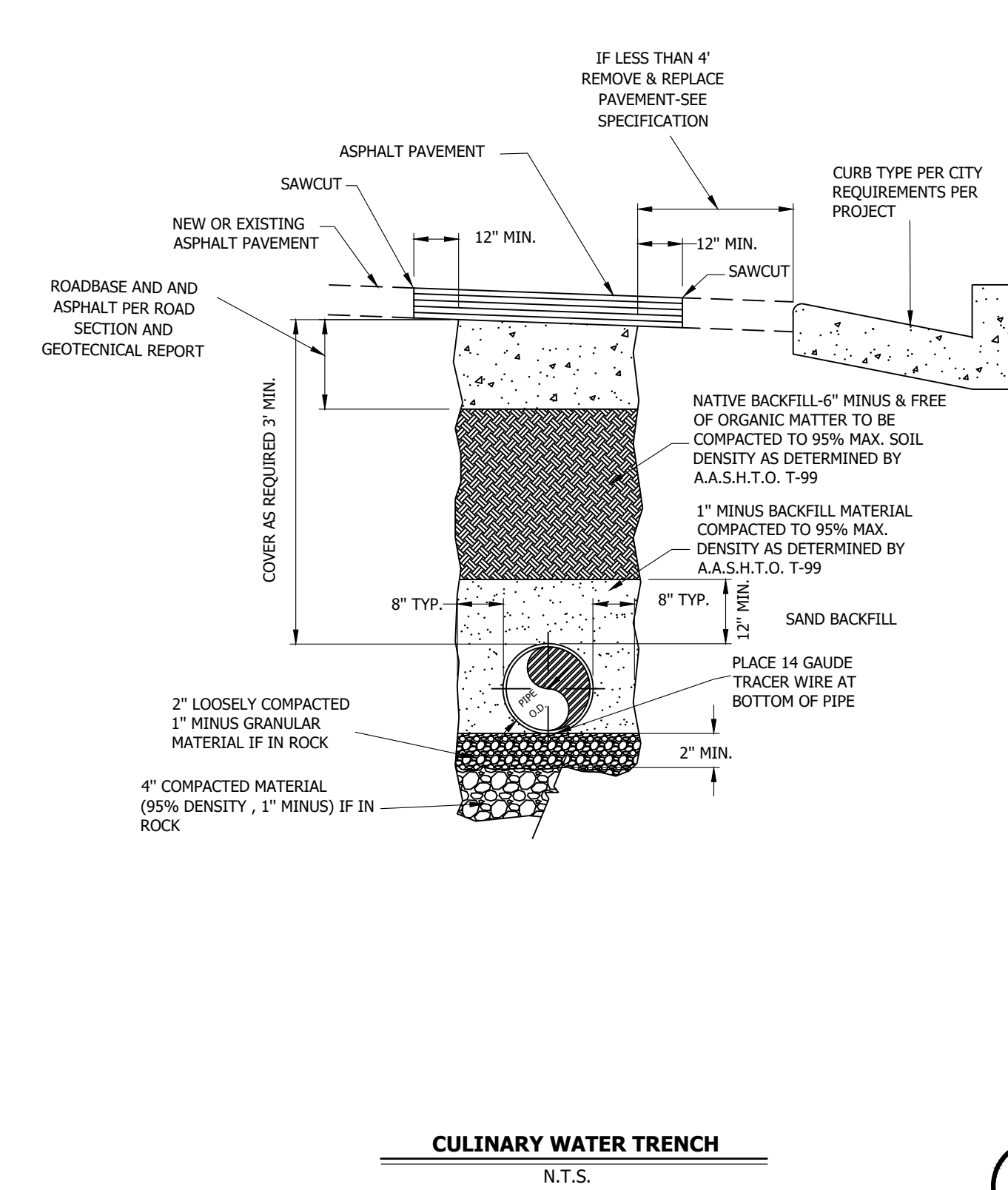
REVISIONS	DATE	DESCRIPTION	BY

CITY OF VIRGIN ENGINEERING
STANDARD DWG. NO. TO 101 1 OF 1
APPROVED: DATE: APRIL 2020 BY: H.C.E.



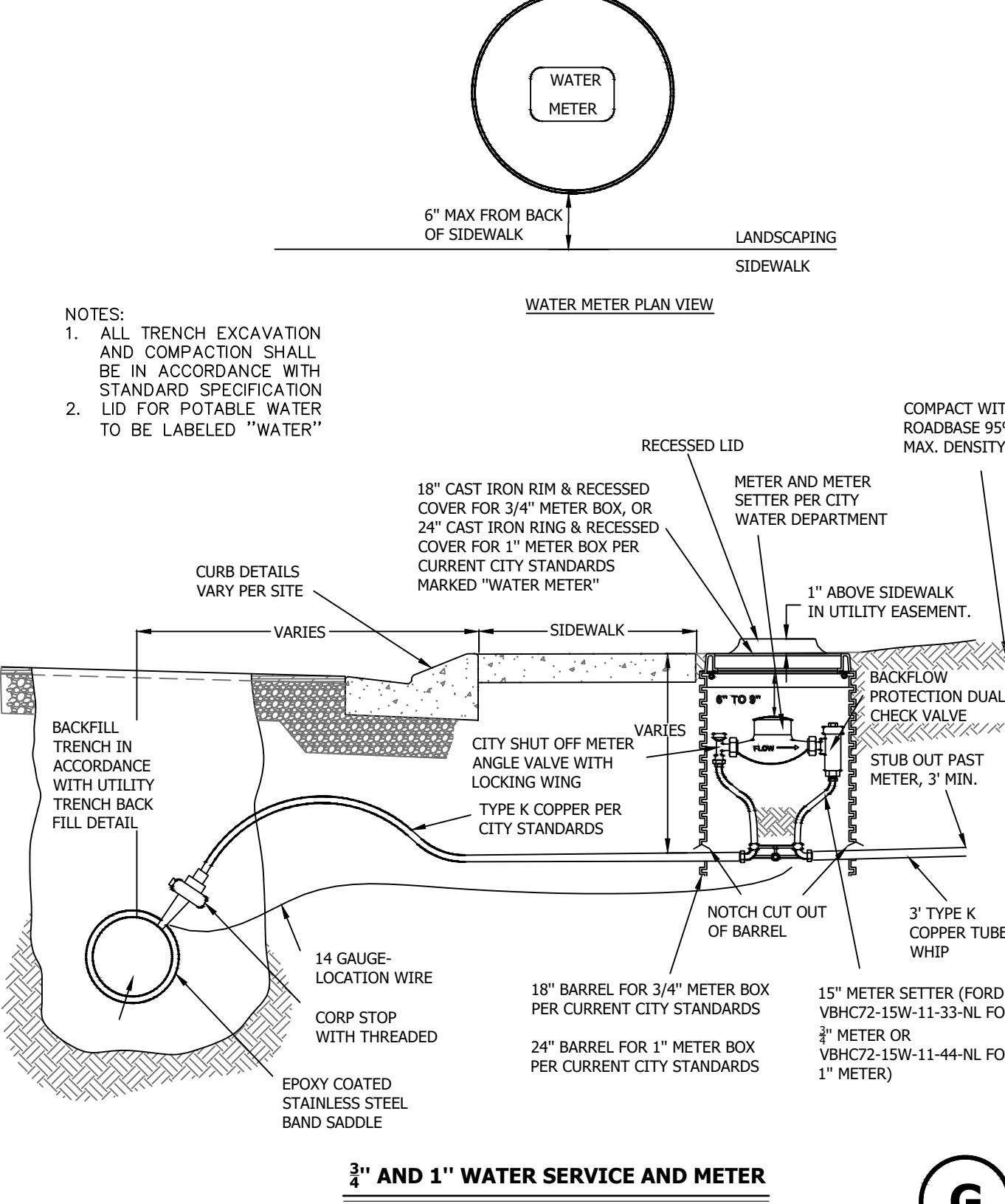
REVISIONS	DATE	DESCRIPTION	BY

CITY OF VIRGIN
STANDARD DWG. NO. WD 303-1 1 OF 4
APPROVED: DATE: 8/5/2020 BY: H.C.E.



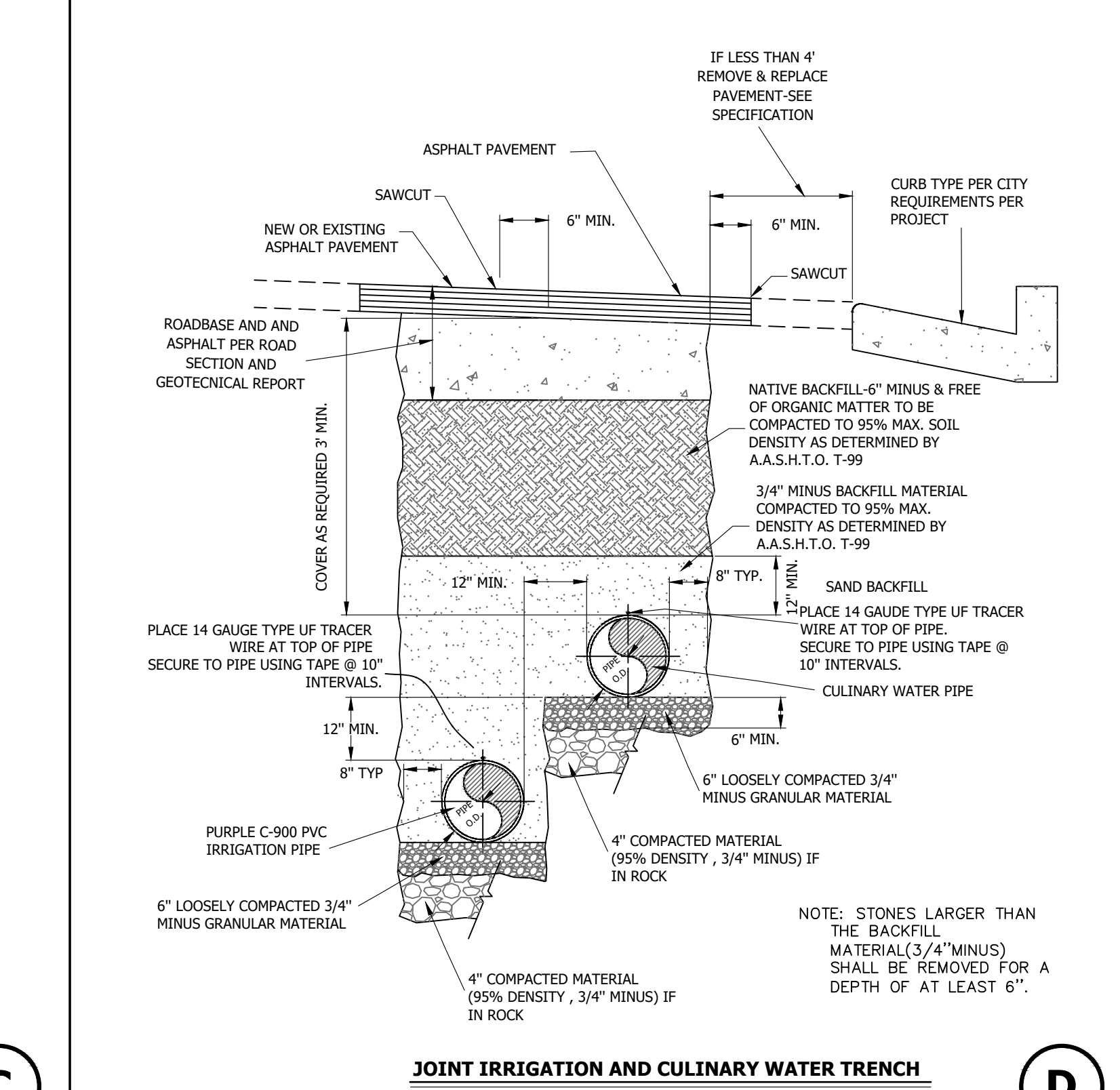
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CITY OF VIRGIN ENGINEERING
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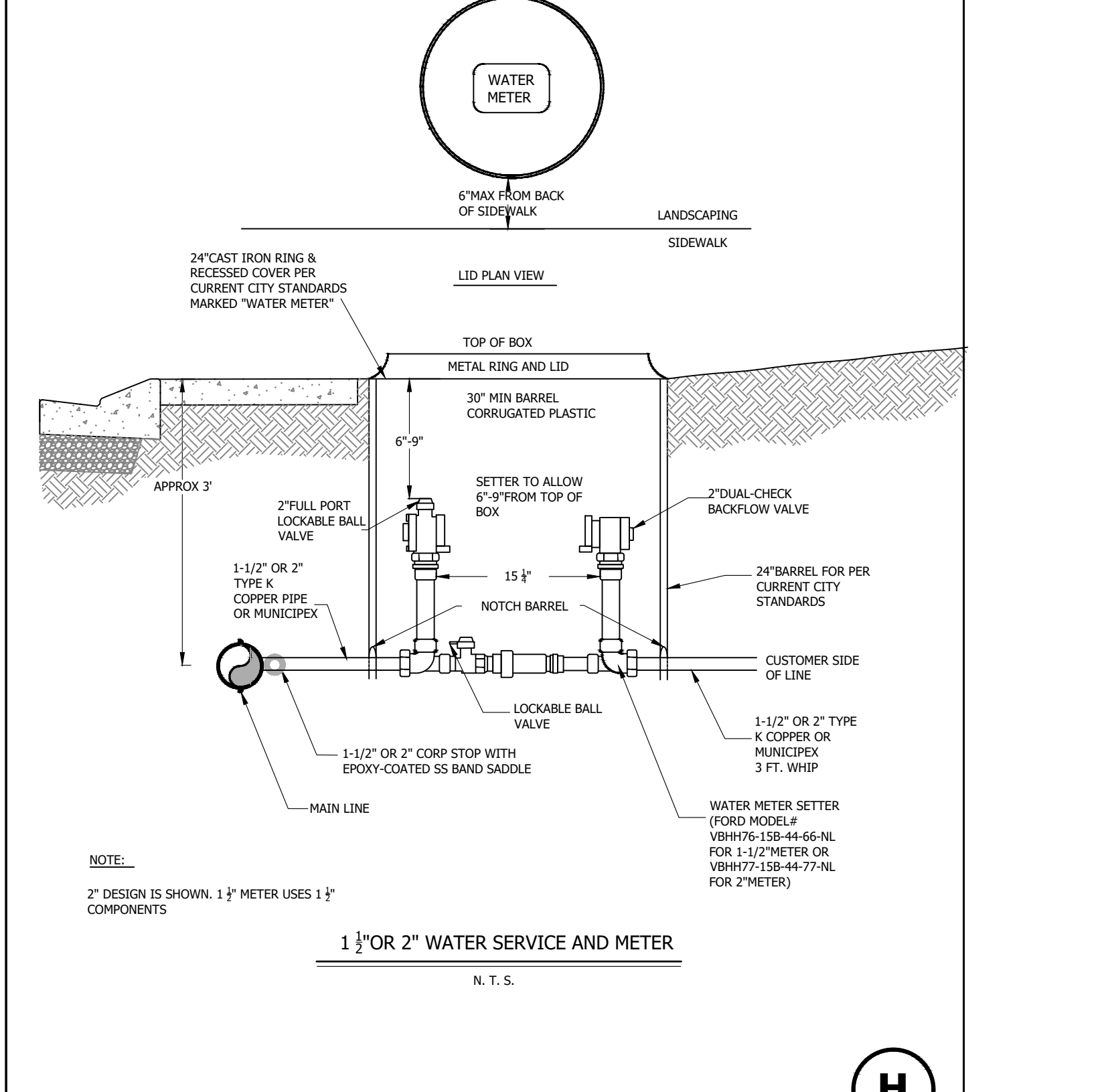
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CITY OF VIRGIN
STANDARD DWG. NO. WD 303-3 3 OF 4
APPROVED: DATE: 8-12-19 BY: H.C.E.



REVISIONS	DATE	DESCRIPTION	BY

CITY OF VIRGIN
STANDARD DWG. NO. WD 301 1 OF 1
APPROVED: DATE: 8/5/2020 BY: H.C.E.

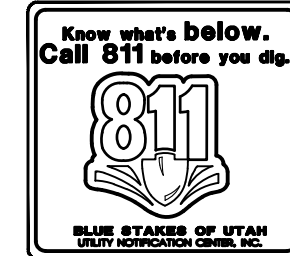


REVISIONS	DATE	DESCRIPTION	BY

CITY OF VIRGIN
STANDARD DWG. NO. WD 303-4 4 OF 4
APPROVED: DATE: 8/5/2020 BY: H.C.E.

DETAIL SHEET 2 FOR:
VIRGIN COMM CONST

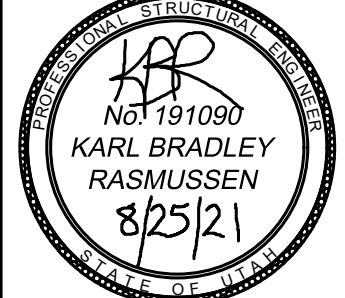
PARCEL ID'S : V-2-1-21-314 & V-2-1-21-315
LOCATED AT IN SECTION 21, T41S, R12W, S.L.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH



NOTICE!
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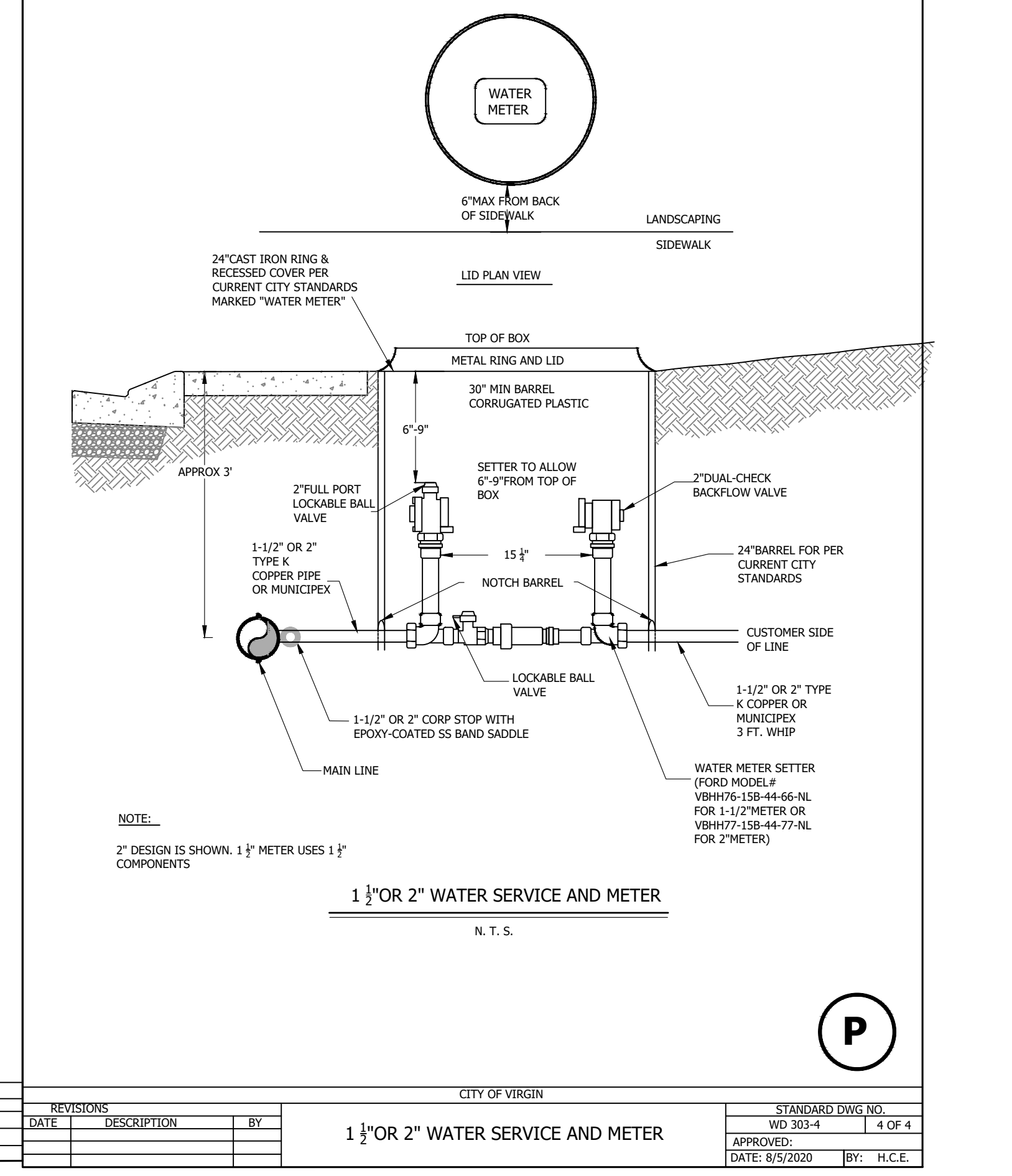
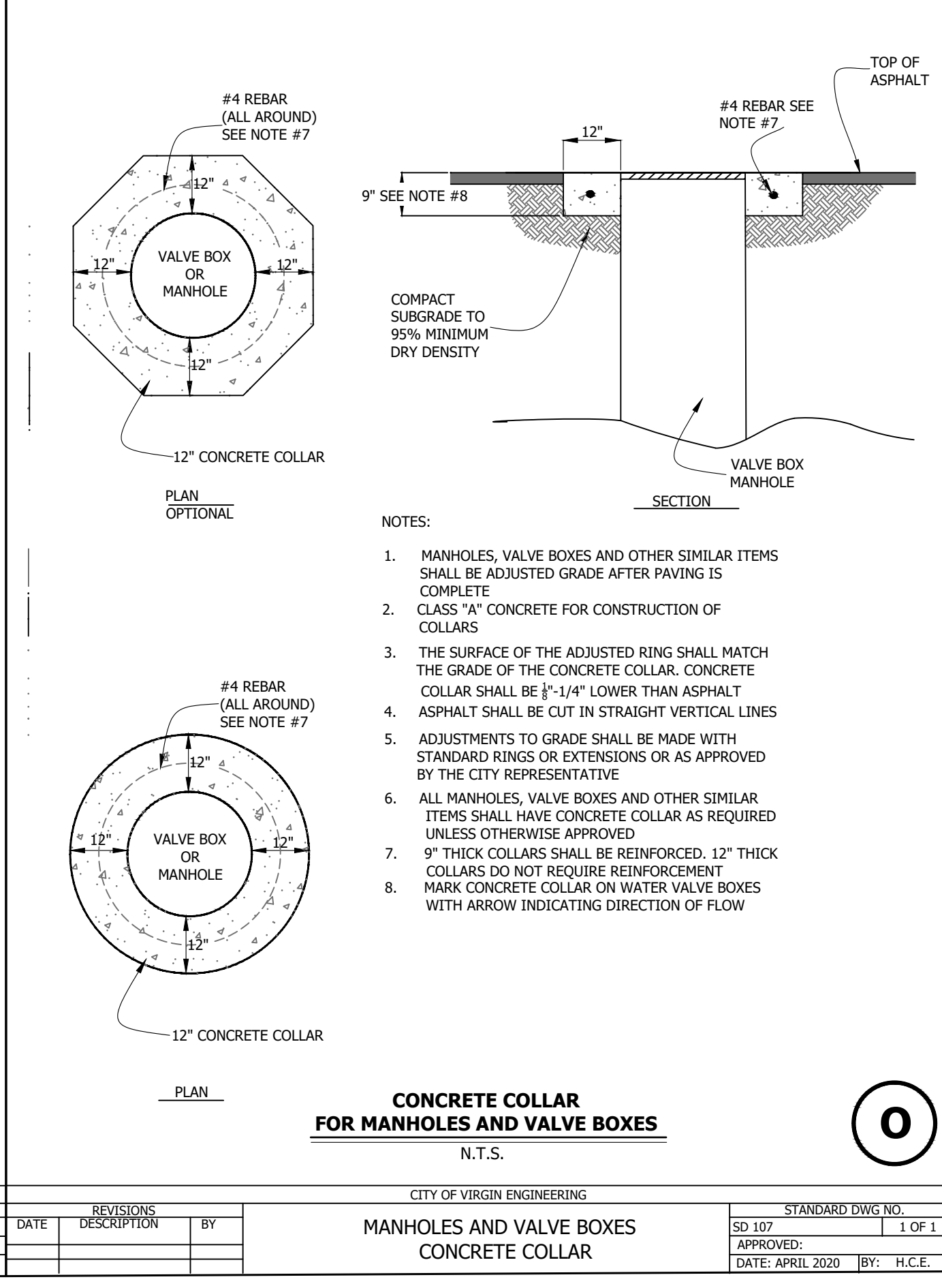
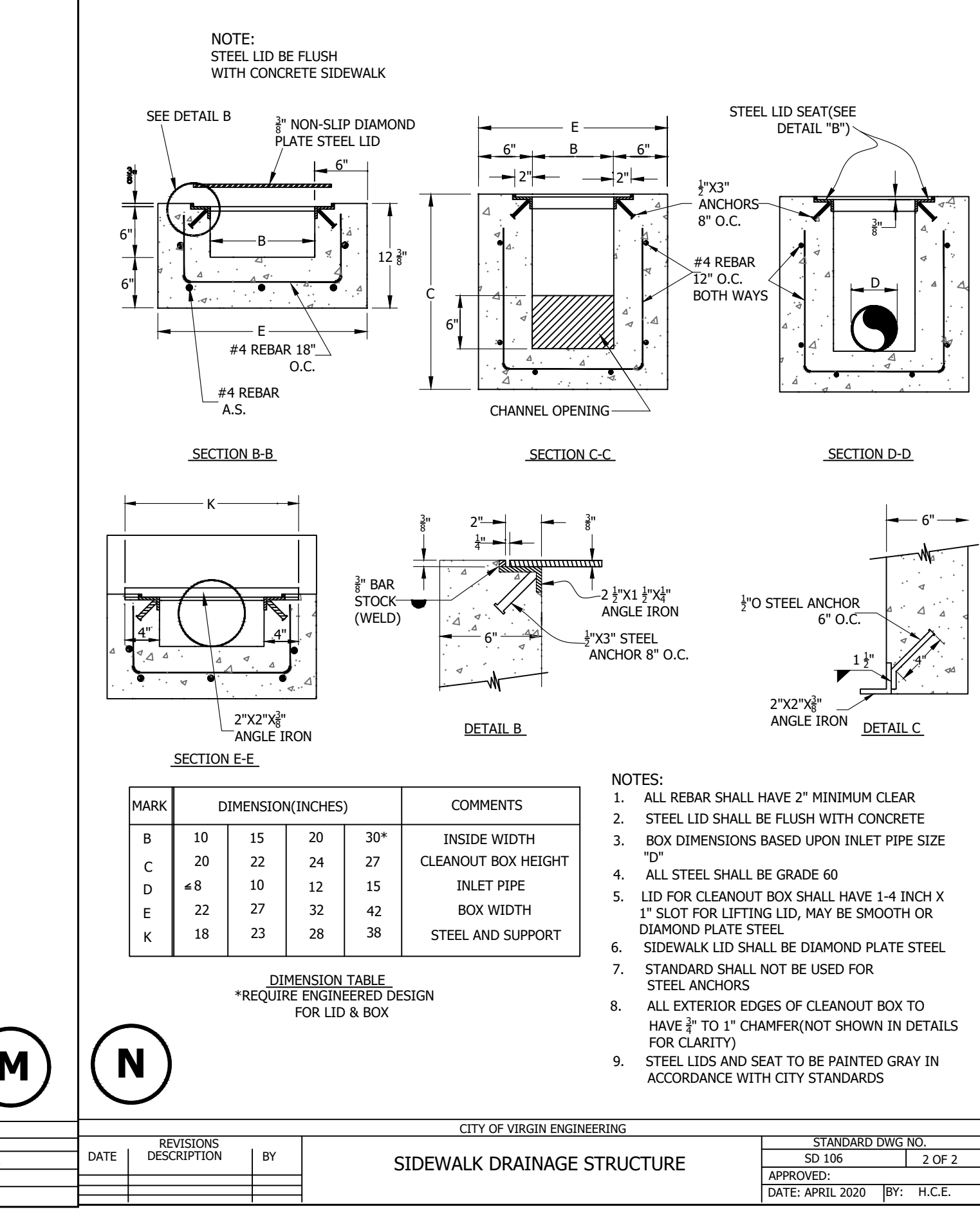
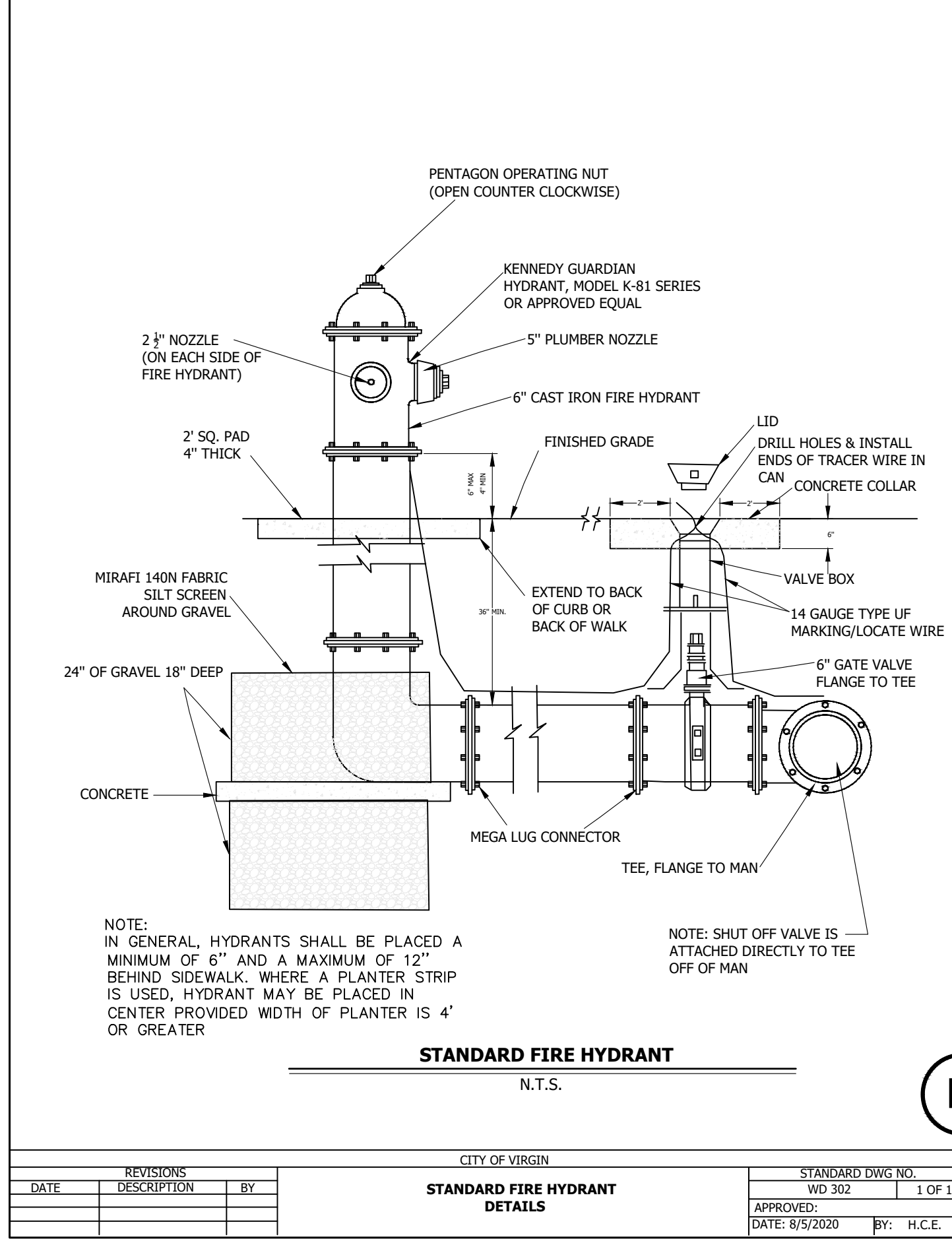
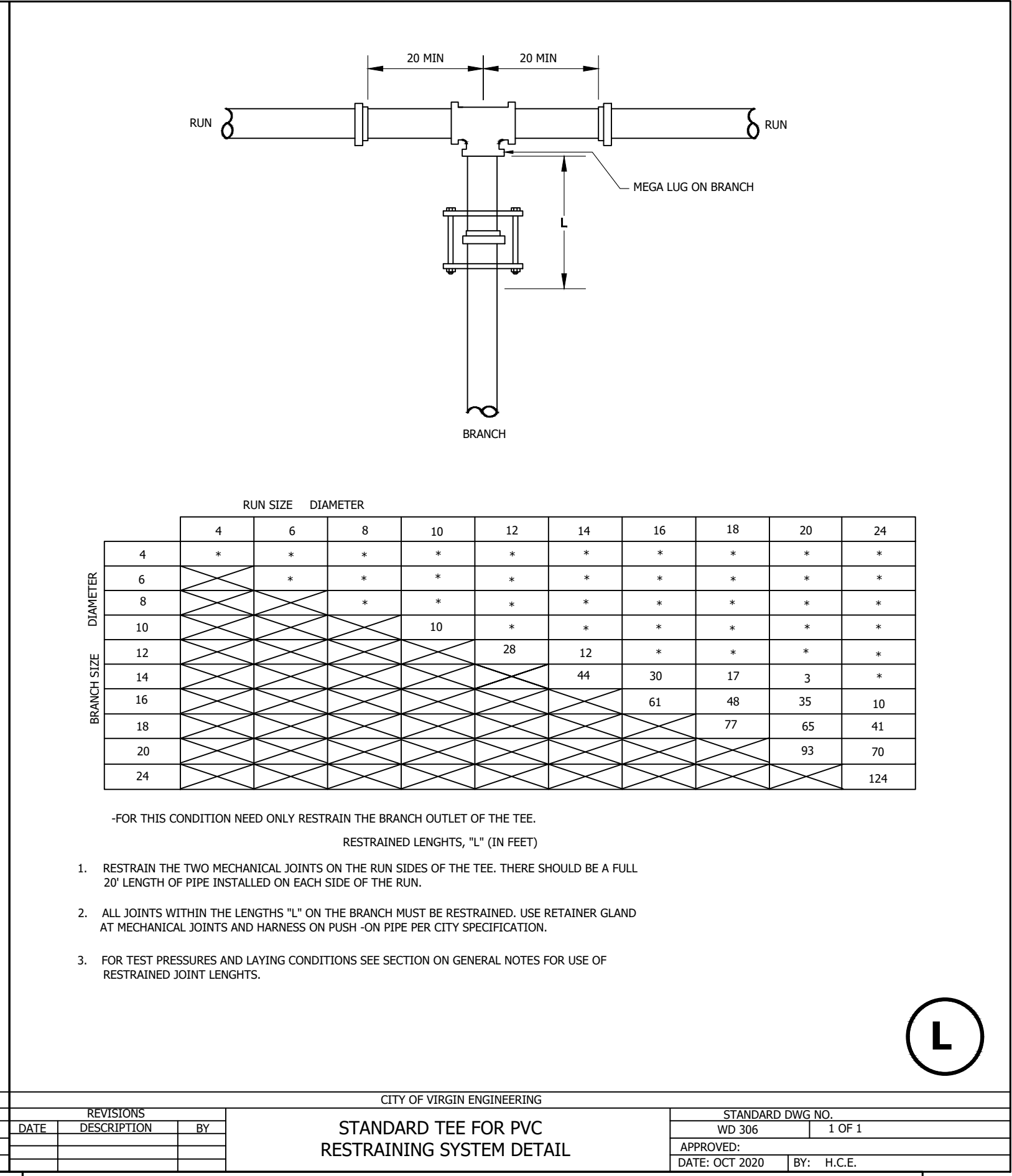
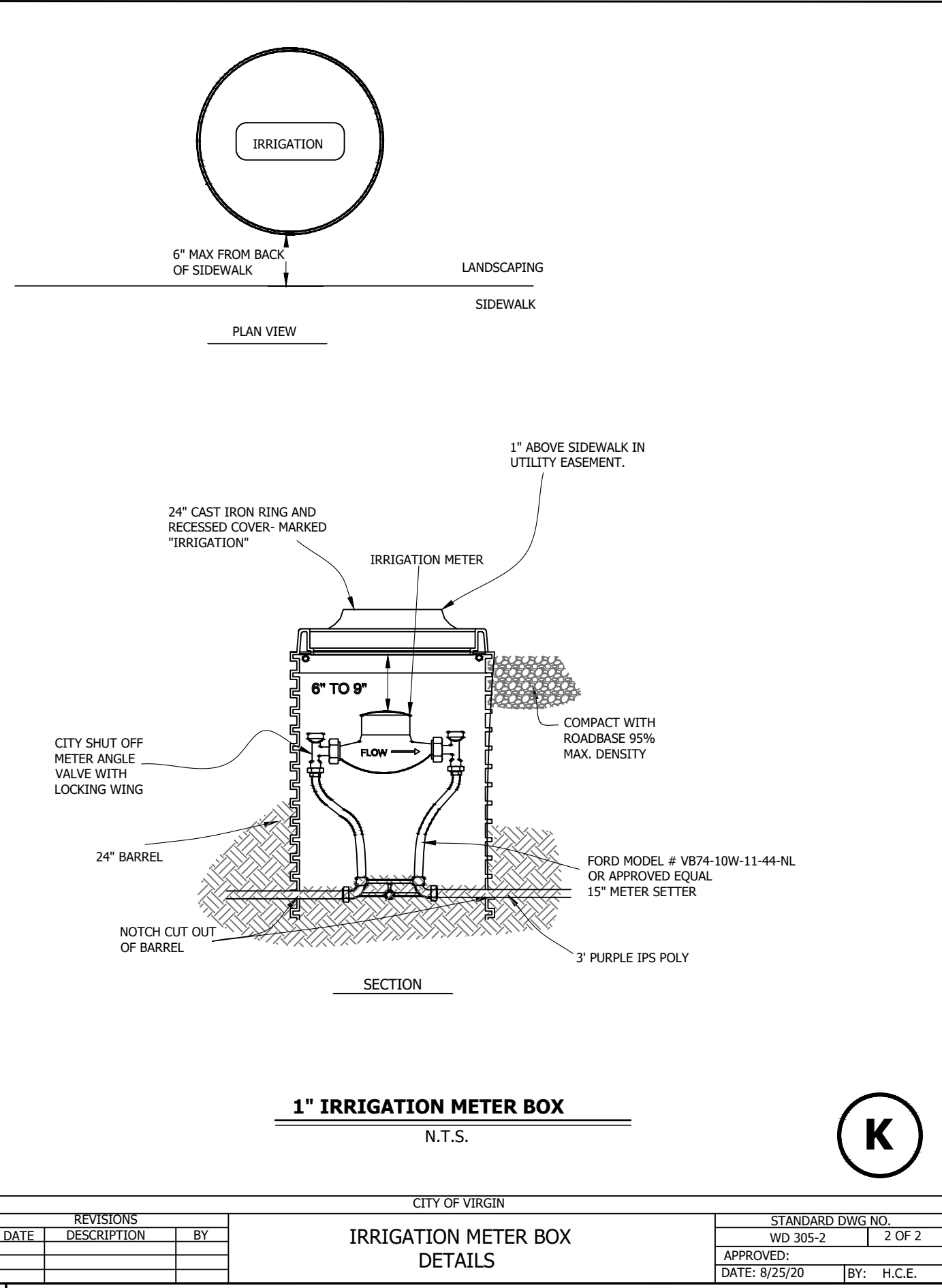
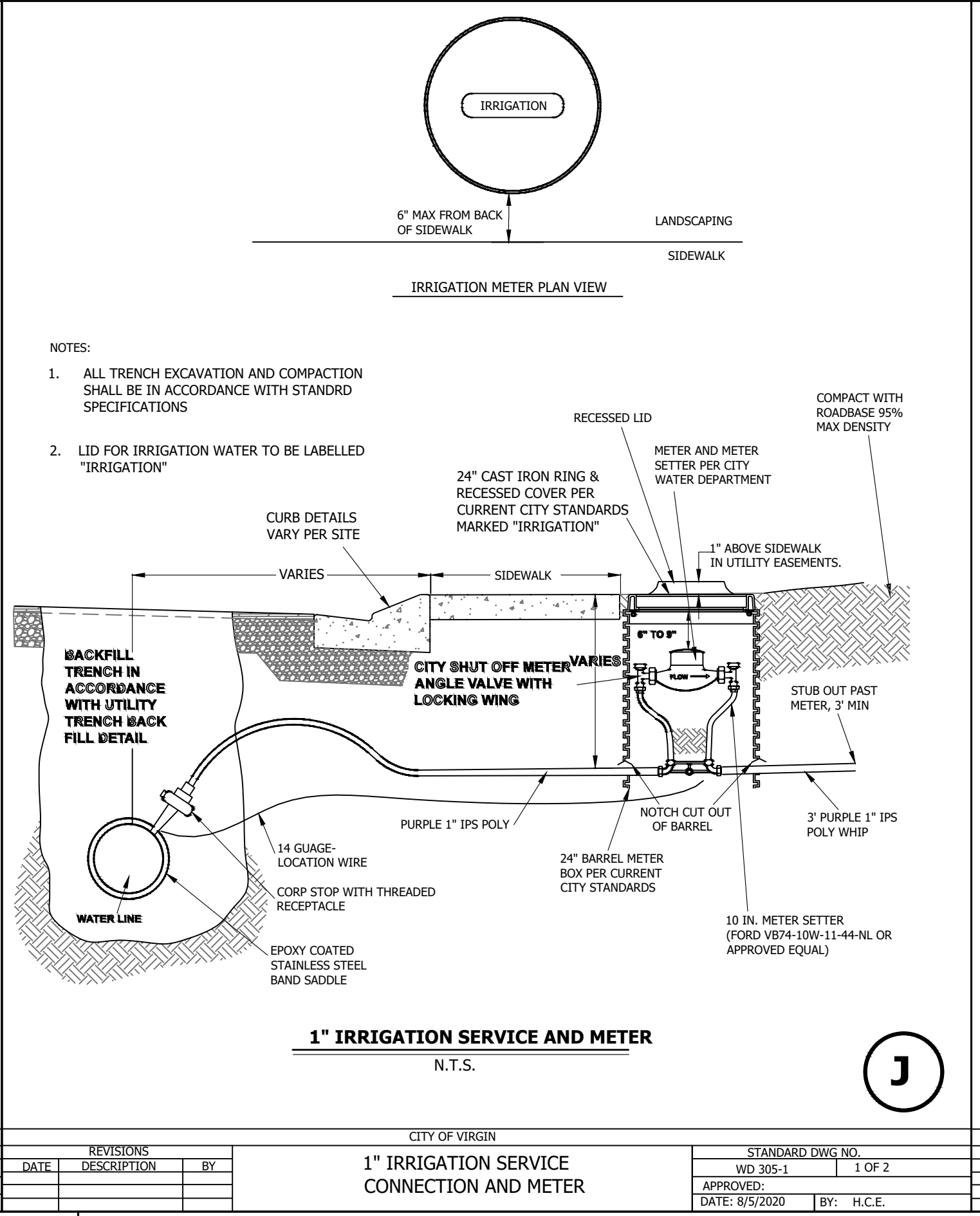
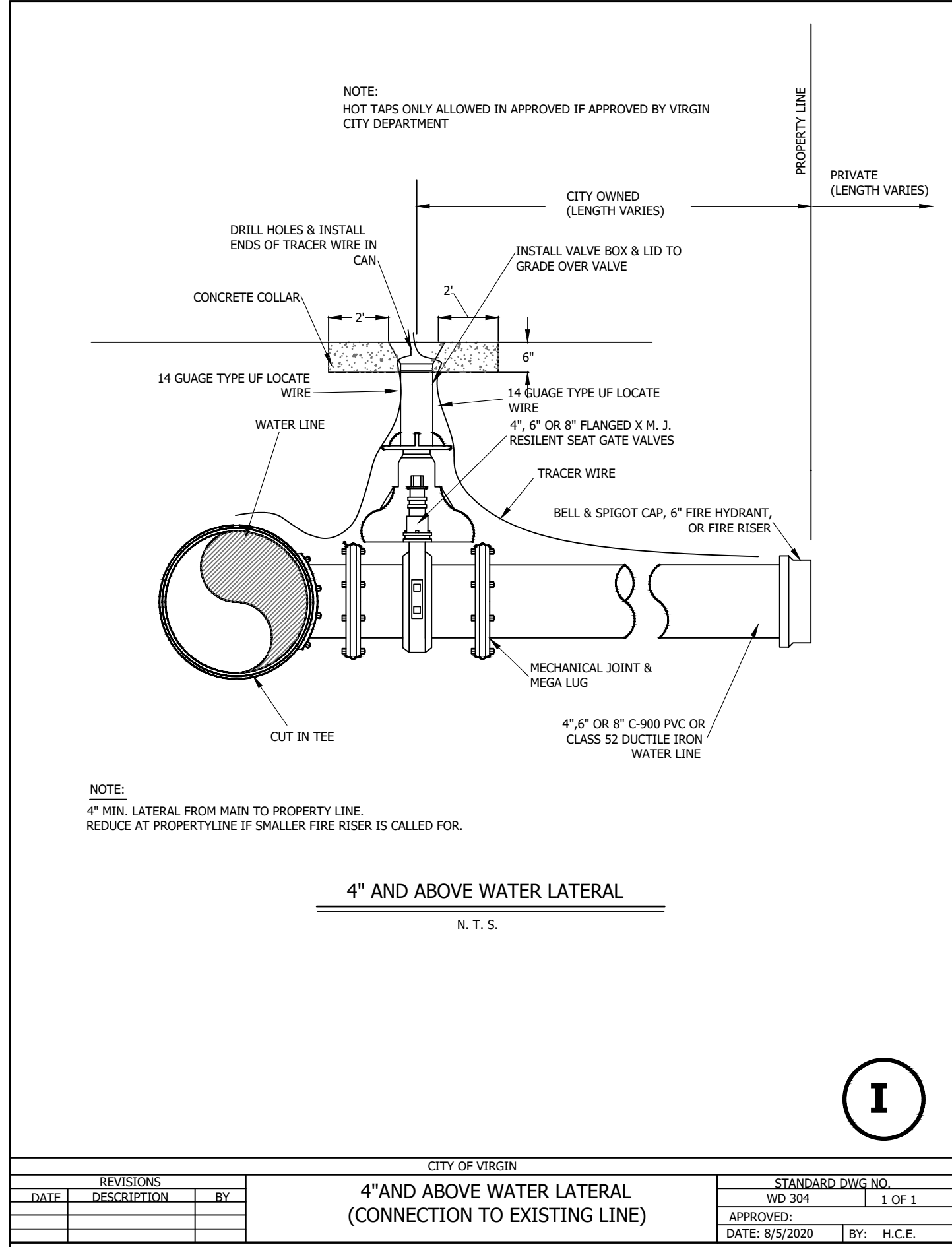
REVISIONS		DATE	BY
NO	DESCRIPTION		

PROVALUE ENGINEERING, INC.
Engineers - Land Surveyors - Land Planners
20 South 850 West, Suite 1
VIRGIN City, Utah 84307
Phone: (435) 688-8307



DETAIL SHEET 2 FOR:
VIRGIN COMM CONST
LOCATED IN SECTION 21, T41S, R12W, S.L.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH

DATE: 08-27-2021
SCALE: N.T.S.
JOB NO.
510-001
SHEET NO:
DT-2



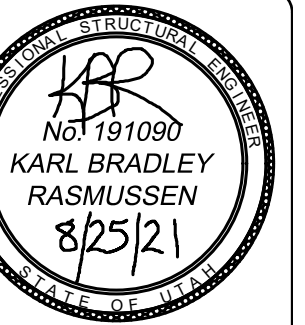
**PARCEL ID'S : V-2-1-21-314 & V-2-1-21-315
LOCATED AT IN SECTION 21, T41S, R12W, S.L.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH**



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REVISIONS		
NO	DESCRIPTION	DATE BY

PROVALUE ENGINEERING, INC.
Engineers- Land Surveyors - Land Planners
20 South 850 West, Suite 1
VIRGIN CITY, Utah 84737
Phone: (435) 668-8307



VIRGIN COMM CONST

DATE: 08-27-2021
SCALE: N.T.S.

DB NO.
0-001

SHEET NO:
DT-4



1. ALL JOINTS WITHIN LENGTHS "L" MUST BE RESTRAINED. USE RETAINER GLAND AT MECHANICAL JOINTS AND HARNESS WITH PUSH-ON PIPE PER CITY SPECIFICATION.
2. FOR TEST PRESSURES AND LAYING CONDITIONS SEE SECTION ON GENERAL NOTES FOR USE OF RESTRAINED JOINT LENGTHS.

		SIZE		DIAMETER							
		4	6	8	10	12	14	16	18	20	
REINFORCEMENT	11.25		3	4	5	6	6	7	8	8	
	22.5	4	6	8	9	11	12	14	15	17	
	45	9	12	16	19	22	25	28	31	34	
	90	20	28	37	44	52	60	67	74	81	

RESTRAINED LENGTHS "L" (IN FEET)



1. ALL JOINTS WITHIN LENGTHS "L" MUST BE RESTRAINED. USE RETAINER GLAND AT MECHANICAL JOINTS AND HARNESS WITH PUSH-ON PIPE PER CITY SPECIFICATION.
2. FOR TEST PRESSURES AND LAYING CONDITIONS SEE SECTION ON GENERAL NOTES FOR USE OF RESTRAINED JOINT LENGTHS.

BEND ANGLE	SIZE DIAMETER								
	4	6	8	10	12	14	16	18	20
	11.25	6	8	11	13	15	18	22	24
	22.5	12	17	22	26	31	35	39	44
	45	24	34	45	53	63	72	81	99

RESTRAINED LENGTHS, "L" (IN FEET)



WATER METER BOX
N.T.S.

N.T



N.T.S.



NOTES:

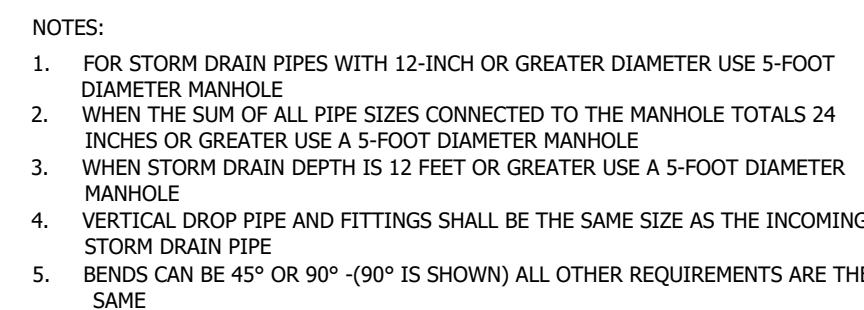
- NOTES:
1. SEE DRAWING NO. SD 110 FOR JUNCTION AND DROP MANHOLES SIZES
 2. PRECAST BASE MAY BE USED, BUT REQUIRES ADVANCED APPROVAL
 3. IF OPTIONAL JOINT 1 USED, ALL MANHOLE SECTIONS SHALL BE CLEARLY MARKED ON THE INSIDE AS TO THE MANUFACTURER AND TYPE OF JOINT BEING USED
 4. ALL MANHOLE SECTIONS SHALL BE CLEARLY MARKED ON THE INSIDE AS TO MANUFACTURER AND DATE OF MANUFACTURE

STANDARD MANHOLE
N.T.S.

N.



CITY OF VIRGIN ENGINEERING			CITY OF VIRGIN			CITY OF VIRGIN ENGINEERING			CITY OF VIRGIN ENGINEERING		
STANDARD DWG NO.			STANDARD DWG NO.			STANDARD DWG NO.			STANDARD DWG NO.		
1 OF 1			1 OF 1			2 OF 4			1 OF 1		
APPROVED:			APPROVED:			APPROVED:			APPROVED:		
DATE: OCT 2020 BY: H.C.E.			DATE: OCT 2020 BY: H.C.E.			DATE: 8/5/2020 BY: H.C.E.			DATE: APRIL 2020 BY: H.C.E.		
REVISIONS			REVISIONS			REVISIONS			REVISIONS		
DATE	DESCRIPTION	BY	DATE	DESCRIPTION	BY	DATE	DESCRIPTION	BY	DATE	DESCRIPTION	BY
STANDARD BENDS FOR PVC RESTRAINING SYSTEM DETAIL			WATER METER BOX DETAILS			TYPICAL STORM DRAIN MANHOLE			STANDARD MANHOLE DETAILS		
DATE: 10/1/2020 BY: H.C.E.			DATE: 10/1/2020 BY: H.C.E.			DATE: 8/5/2020 BY: H.C.E.			DATE: 4/1/2020 BY: H.C.E.		



U



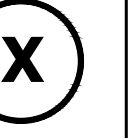
N.T.S.



N.T.S.



N.T.



CITY OF VIRGIN ENGINEERING										CITY OF VIRGIN ENGINEERING										CITY OF VIRGIN ENGINEERING										CITY OF VIRGIN ENGINEERING																														
REVISIONS			JUNCTION & DROP							STANDARD DWG. NO.			REVISIONS			MANHOLE FRAME & COVER							STANDARD DWG. NO.			REVISIONS			MANHOLE STEP							STANDARD DWG. NO.			REVISIONS			STANDARD STREET SIGN																		
DATE	DESCRIPTION	BY	MANHOLE DETAILS							SD 110	1 OF 1						DATE	DESCRIPTION	BY	DETAILS							SD 111	1 OF 1						DATE	DESCRIPTION	BY	DETAILS							SD 112	1 OF 1						DATE	DESCRIPTION	BY	DETAILS						
										APPROVED:																	APPROVED:																	APPROVED:																
										DATE: APRIL 2020	BY: H.C.E.																DATE: APRIL 2020	BY: H.C.E.																DATE: APRIL 2020	BY: H.C.E.															

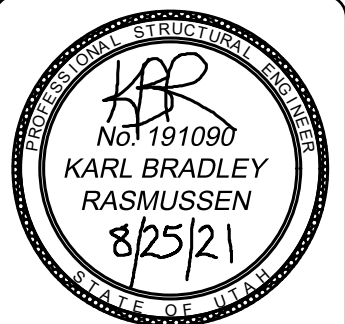
DETAIL SHEET 3 FOR:
VIRGIN COMM CONST
PARCEL ID'S : V-2-1-21-314 & V-2-1-21-315
LOCATED AT IN SECTION 21, T41S, R12W, S.L.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH

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

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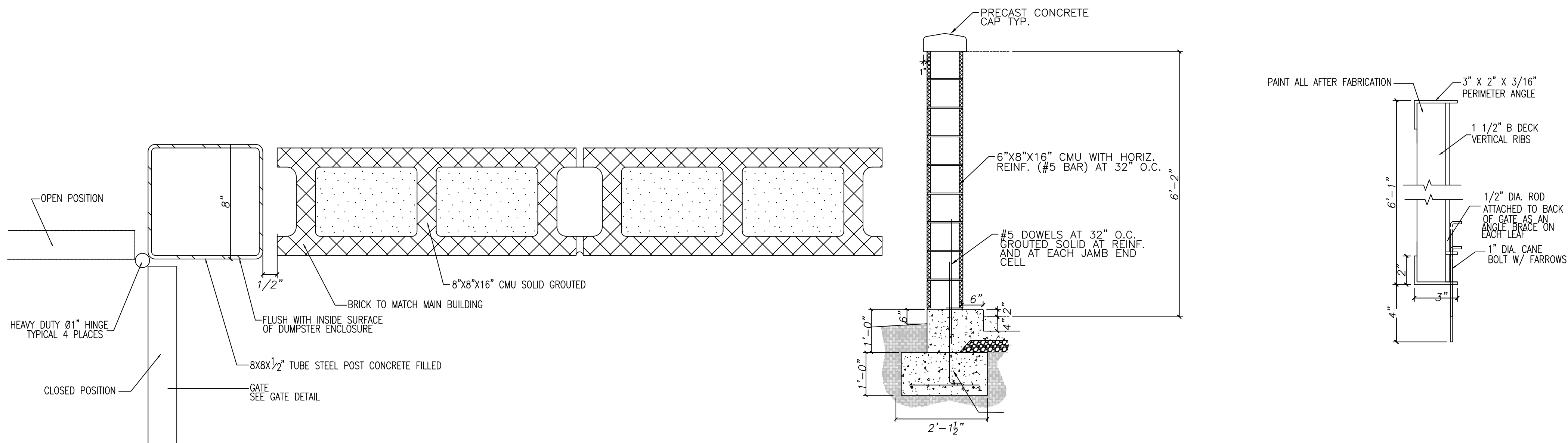
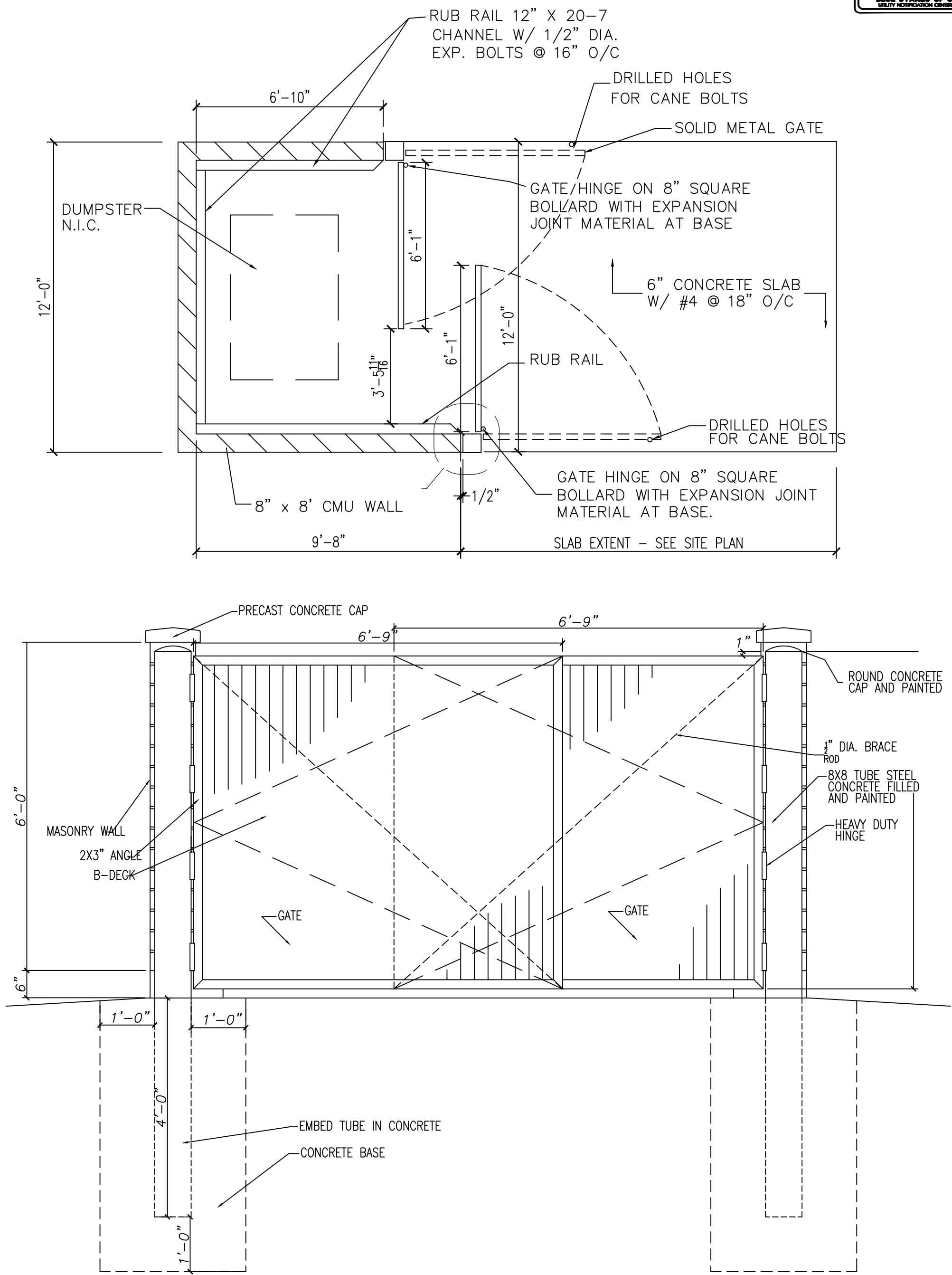
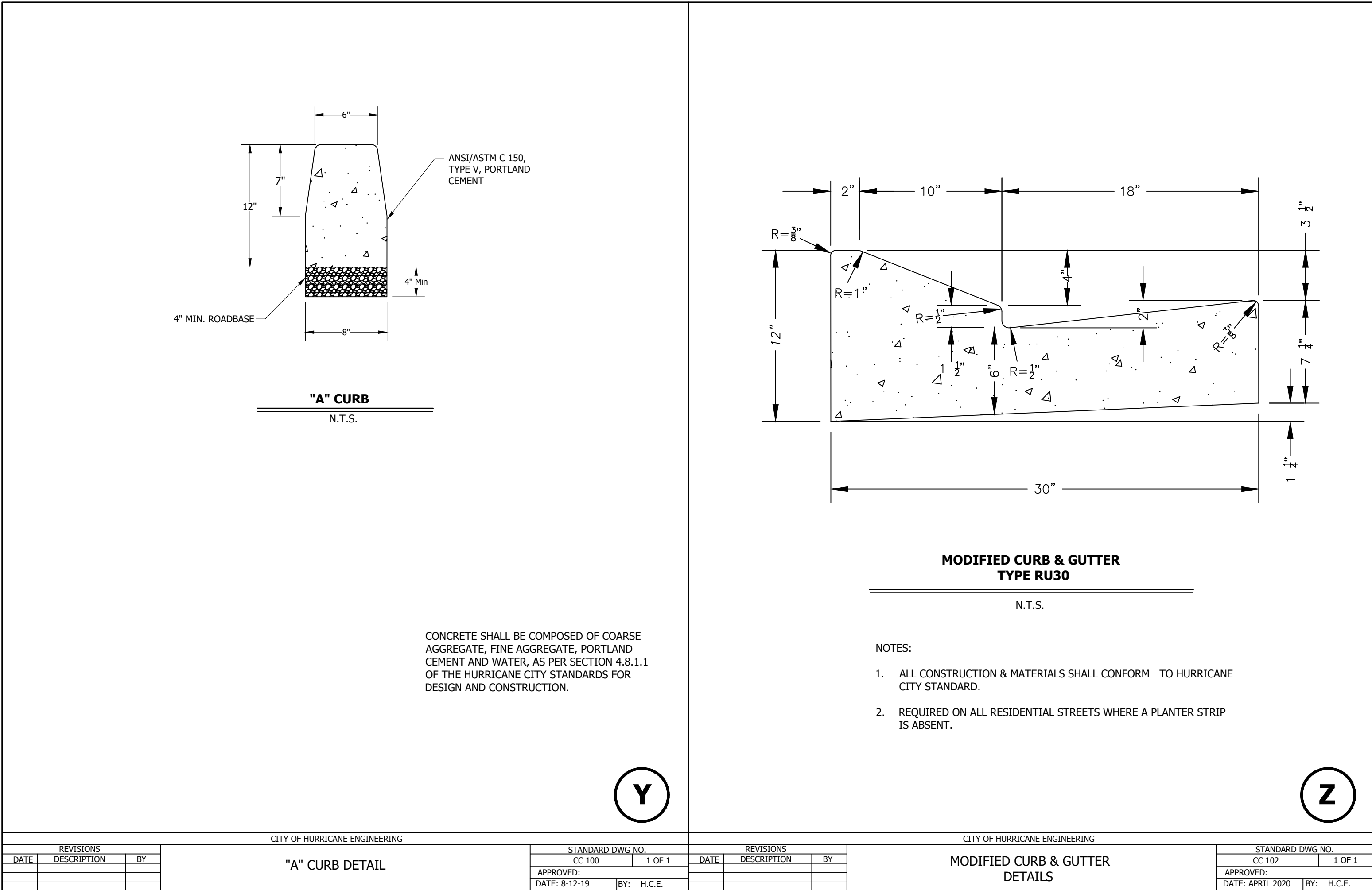
REVISIONS		DATE	BY
NO	DESCRIPTION		

PROVALUE ENGINEERING, INC.
Engineers - Land Surveyors - Land Planners
20 South 850 West, Suite 1
VIRGIN City, Utah 84303
Phone: (435) 668-8307



DETAIL SHEET 3 FOR:
VIRGIN COMM CONST
LOCATED IN SECTION 21, T41S, R12W, S.L.B.&M.
VIRGIN, WASHINGTON COUNTY, UTAH

DATE: 08-27-2021
SCALE: N.T.S.
JOB NO.
510-001
SHEET NO:
DT-3



AA TRASH ENCLOSURE DETAIL
N.T.S.