



RECORD COPY of ASI-013, included as
1 of 6 ASIs for reference with SPA-03

PROJECT NAME:	One River Run (Kindred) 75 Hunki Dori Ct. Keystone, CO 80435	ASI #:	013	
PROJECT #:	117033	DATE OF ISSUANCE:	01/09/2024	<input checked="" type="checkbox"/> OWNER <input checked="" type="checkbox"/> ARCHITECT <input type="checkbox"/> CONSULTANT <input checked="" type="checkbox"/> CONTRACTOR <input type="checkbox"/> FIELD
OWNER:	One River Run Acquisition Keystone Investments, LLC 132 West Main Street, Suite D Aspen, CO 81611	ARCHITECT:	OZ Architecture, Inc.	
		TO CONTRACTOR:	PCL Construction Services, Inc	
		CONTRACT FOR:	GMP/Building Permit Resubmittal	
		CONTRACT DATED:	September 23, 2021	

The work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change in the Contract Sum or Contract Time.

DESCRIPTION: This ASI provides updated Civil, Structural, Landscape and MEP drawings to clarify requirements for constructing the main gas service meter assembly as directed by Xcel. The scope of work includes locating the specified meter assembly near the main entrance, routing the underground service lines to/from the meter assembly and into the building, construction of an approximately 6' x 10' CMU site wall on a CIP foundation to both support and screen the meter assembly, and the rough-in of electrical service to the meter location to provide lighting for any future signage or graphics that may be incorporated into the CMU wall. NOTE: Signage design and approval shall be accomplished under a separate submittal to the AHJ. ASI-13 is not intended to include any signage design besides electrical rough-in for future lighting of the sign location.

ATTACHMENTS:

Tetra Tech package: letter with design narrative AND (6) revised Civil drawings (C-104, C-106, C-109, C-202, C-211 & C-215),
 KL&A package: letter with design narrative, calcs AND (1) revised Structural drawing (S-505),
 OZ package: letter with design narrative AND (3) revised Architecture drawings (A-000, A-208 & A-319),
 And BG Buildingworks package: letter with design narrative AND (6) revised Mechanical, Electrical and Plumbing drawings (M-100, M-200A, M-201A & M-701, E-008 & E-100).

ISSUED BY: Tim Ross, Senior Project Architect

OZ ARCHITECTURE INC.

To: Oz Architecture

Project Name: Kindred / One River Run

From: Chris Durloo, Keaton Scanlan – Tetra Tech

Date of Issuance: December 20, 2023

Subject: Kindred/One River Run – ASI-013

The following changes are the result of Xcel Energy coordination with Ownership and Oz Architecture to relocate the gas meter to a standalone wall. Tetra Tech has been asked to update the construction documents to reflect the new wall location and private gas lines routing.

Description of Changes:

Revised Drawings:

Sheet C-104 – Civil Site Plan

- Wall location added to plan with callout – “Gas Meter Wall – See Structure Plans for Detail.”

Sheet C-106 – Detailed Grading and Drainage Plan

- Wall location added to plan with callout – “Gas Meter Wall – See Structure Plans for Detail.”
- Finish grade elevations added at wall ends.

Sheet C-109 – Composite Utility Plan

- Wall location and underground private gas lines from wall to building added to plan with callouts.

Sheet C-202 – North Driveway Plan & Profile

- Wall location added to plan with call out and Station/Offset labels to identify horizontal location.

Sheet C-211 – Water Plan and Profile

- Wall location added to plan with private gas line crossings show in profile view.

Sheet C-215 – Storm Sewer Plan & Profile

- Wall and private gas lines added to plan with cover required at storm sewer crossing called out in plan.

Sincerely,

TETRA TECH



Keaton Scanlan, P.E.
Civil Engineer

ASI-013 Summary of Changes

KL&A, Inc.

1717 Washington Avenue, Suite 100
Golden, Colorado 80401
Telephone: (303) 384-9910

ASI-013 Structural Changes

S-505

Detail 6 added showing section of gas meter wall and associated footing. Calculations for new detail are provided in attached calculations package.



One River Run
75 Hunki Dori Court
Keystone, CO, 80435

Structural Calculations

ASI-13



Prepared by: KL&A
Date: 12/20/23

Project Title:
 Engineer:
 Project ID:
 Project Descr:

Cantilevered Retaining Wall

Project File: Gas Meter Wall.ec6

LIC# : KW-06017163, Build:20.22.1.19

KL&A, INC.

(c) ENERCALC INC 1983-2021

DESCRIPTION: Gas Meter Wall

Code Reference

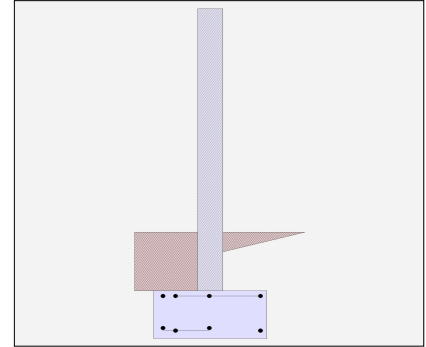
Calculations per IBC 2018 1807.3, CBC 2019, ASCE 7-16

Criteria

Retained Height	=	1.83 ft
Wall height above soil	=	7.00 ft
Slope Behind Wall	=	0.00
Height of Soil over Toe	=	22.00 in
Water height over heel	=	0.0 ft

Soil Data

Allow Soil Bearing	=	6,000.0 psf
Equivalent Fluid Pressure Method		
Active Heel Pressure	=	0.0 psf/ft
	=	
Passive Pressure	=	300.0 psf/ft
Soil Density, Heel	=	110.00 pcf
Soil Density, Toe	=	110.00 pcf
Footing Soil Friction	=	0.400
Soil height to ignore for passive pressure	=	12.00 in



Surcharge Loads

Surcharge Over Heel	=	0.0 psf
Used To Resist Sliding & Overturning		
Surcharge Over Toe	=	0.0
Used for Sliding & Overturning		

Axial Load Applied to Stem

Axial Dead Load	=	0.0 lbs
Axial Live Load	=	0.0 lbs
Axial Load Eccentricity	=	0.0 in

Lateral Load Applied to Stem

Lateral Load	=	0.0 #/ft
...Height to Top	=	0.00 ft
...Height to Bottom	=	0.00 ft
Load Type	=	Wind (W) (Service Level)
Wind on Exposed Stem	=	29.1 psf (Strength Level)

Adjacent Footing Load

Adjacent Footing Load	=	0.0 lbs
Footing Width	=	0.00 ft
Eccentricity	=	0.00 in
Wall to Ftg CL Dist	=	0.00 ft
Footing Type	=	Spread Footing
Base Above/Below Soil at Back of Wall	=	0.0 ft
Poisson's Ratio	=	0.300

Project Title:
 Engineer:
 Project ID:
 Project Descr:

Cantilevered Retaining Wall

Project File: Gas Meter Wall.ec6

LIC# : KW-06017163, Build:20.22.1.19

KL&A, INC.

(c) ENERCALC INC 1983-2021

DESCRIPTION: Gas Meter Wall

Design Summary

Wall Stability Ratios

Overturning	=	3.25	OK
Sliding	=	18.33	OK
Global Stability	=	0.00	
Total Bearing Load	=	1,808 lbs	
...resultant ecc.	=	5.54 in	
Soil Pressure @ Toe	=	1,159 psf	OK
Soil Pressure @ Heel	=	46 psf	OK
Allowable	=	6,000 psf	
Soil Pressure Less Than Allowable			
ACI Factored @ Toe	=	1,623 psf	
ACI Factored @ Heel	=	64 psf	
Footing Shear @ Toe	=	4.9 psi	OK
Footing Shear @ Heel	=	0.9 psi	OK
Allowable	=	100.6 psi	

Sliding Calcs

Lateral Sliding Force	=	122.2 lbs	
less 100% Passive Force	=	1,516.7 lbs	
less 100% Friction Force	=	723.2 lbs	
Added Force Req'd	=	0.0 lbs	OK
...for 1.5 Stability	=	0.0 lbs	OK

Vertical component of active lateral soil pressure IS NOT considered in the calculation of soil bearing

Load Factors

Building Code	
Dead Load	1.200
Live Load	1.600
Earth, H	1.600
Wind, W	1.600
Seismic, E	1.000

Stem Construction

Design Height Above Ftg

ft =	Stem OK	0.00
Wall Material Above "Ht"	=	Masonry
Design Method	=	ASD
Thickness	=	8.00
Rebar Size	=	# 5
Rebar Spacing	=	32.00
Rebar Placed at	=	Center

Design Data

fb/FB + fa/Fa	=	0.618
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Total Force @ Section

Service Level	lbs =	122.2
Strength Level	lbs =	

Moment....Actual

Service Level	ft-# =	651.8
Strength Level	ft-# =	

Moment.....Allowable	=	1,053.1
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Shear....Actual

Service Level	psi =	1.3
Strength Level	psi =	

Shear.....Allowable	psi =	45.8
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Anet (Masonry)	in2 =	91.50
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Rebar Depth 'd'	in =	3.75
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Masonry Data

f'm	psi =	1,500
Fs	psi =	32,000
Solid Grouting	=	Yes
Modular Ratio 'n'	=	21.48
Wall Weight	psf =	75.0
Short Term Factor	=	1.000
Equiv. Solid Thick.	in =	7.60
Masonry Block Type	=	
Masonry Design Method	=	ASD

Concrete Data

f'c	psi =	
Fy	psi =	

Bottom

SD SD SD SD

Project Title:
 Engineer:
 Project ID:
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LIC# : KW-06017163, Build:20.22.1.19

KL&A, INC.

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DESCRIPTION: Gas Meter Wall

Footing Data

Toe Width	=	1.17	ft
Heel Width	=	1.83	
Total Footing Width	=	3.00	
Footing Thickness	=	18.00	in
Key Width	=	0.00	in
Key Depth	=	0.00	in
Key Distance from Toe	=	0.00	ft
f'c =	4,500	psi	Fy = 60,000 psi
Footing Concrete Density	=	150.00	pcf
Min. As %	=	0.0018	
Cover @ Top	2.00	@ Btm.=	3.00 in

Footing Design Results

	Toe	Heel
Factored Pressure	= 1,623	64 psf
Mu' : Upward	= 968	181 ft-#
Mu' : Downward	= 448	448 ft-#
Mu: Design	= 519	267 ft-#
phiMin	= 28,388	30,368 ft-#
Actual 1-Way Shear	= 4.88	0.91 psi
Allow 1-Way Shear	= 100.62	100.62 psi
Toe Reinforcing	= # 6 @ 12.00 in	
Heel Reinforcing	= # 6 @ 12.00 in	
Key Reinforcing	= None Spec'd	
Footing Torsion, Tu	=	0.00 ft-lbs
Footing Allow. Torsion, phi Tu	=	0.00 ft-lbs

If torsion exceeds allowable, provide supplemental design for footing torsion.

Other Acceptable Sizes & Spacings

Toe:
 Heel:
 Key:

Min footing T&S reinf Area	1.17	in2
Min footing T&S reinf Area per foot	0.39	in2 /ft
If one layer of horizontal bars:		If two layers of horizontal bars:
#4@ 6.17 in		#4@ 12.35 in
#5@ 9.57 in		#5@ 19.14 in
#6@ 13.58 in		#6@ 27.16 in

Summary of Overturning & Resisting Forces & Moments

ItemOVERTURNING.....		RESISTING.....						
	Force lbs	Distance ft	Moment ft-#	Force lbs	Distance ft	Moment ft-#				
HL Act Pres (ab water tbl)				Soil Over HL (ab. water tbl)	235.2	2.42	568.4			
HL Act Pres (be water tbl)				Soil Over HL (bel. water tbl)		2.42	568.4			
Hydrostatic Force				Watre Table						
Buoyant Force	=			Sloped Soil Over Hee	=					
Surcharge over Heel	=			Surcharge Over Heel	=					
Surcharge Over Toe	=			Adjacent Footing Load	=					
Adjacent Footing Load	=			Axial Dead Load on Stem	=					
Added Lateral Load	=			* Axial Live Load on Stem	=					
Load @ Stem Above Soil	=	122.2	6.83	835.1	Soil Over Toe	=	235.3	0.58	137.3	
	=				Surcharge Over Toe	=				
	=				Stem Weight(s)	=	662.5	1.50	993.9	
	=				Earth @ Stem Transitions	=				
Total	=	122.2	O.T.M.	=	835.1	Footing Weighi	=	675.0	1.50	1,012.5
					Key Weight	=				
Resisting/Overturning Ratio			=	3.25	Vert. Component	=				
Vertical Loads used for Soil Pressure	=	1,808.0	lbs		Total =	1,808.0	lbs	R.M.=	2,712.1	

* Axial live load NOT included in total displayed, or used for overturning resistance, but is included for soil pressure calculation.

Vertical component of active lateral soil pressure IS NOT considered in the calculation of Sliding Resistance.

Vertical component of active lateral soil pressure IS NOT considered in the calculation of Overturning Resistance.

Project Title:
Engineer:
Project ID:
Project Descr:

Cantilevered Retaining Wall

Project File: Gas Meter Wall.ec6

LIC# : KW-06017163, Build:20.22.1.19

KL&A, INC.

(c) ENERCALC INC 1983-2021

DESCRIPTION: Gas Meter Wall

Rebar Lap & Embedment Lengths Information

Stem Design Segment: Bottom

Stem Design Height: 0.00 ft above top of footing

Calculated Rebar Stress, f_s = 19781.03

Lap Splice length for #5 bar specified in this stem design segment = 25.00 in

Development length for #5 bar specified in this stem design segment = 24.73 in

Hooked embedment length into footing for #5 bar specified in this stem design segment = 7.83 in

As Provided = 0.1163 in²/ft

As Required = 0.0732 in²/ft

Project Title:
Engineer:
Project ID:
Project Descr:

Cantilevered Retaining Wall

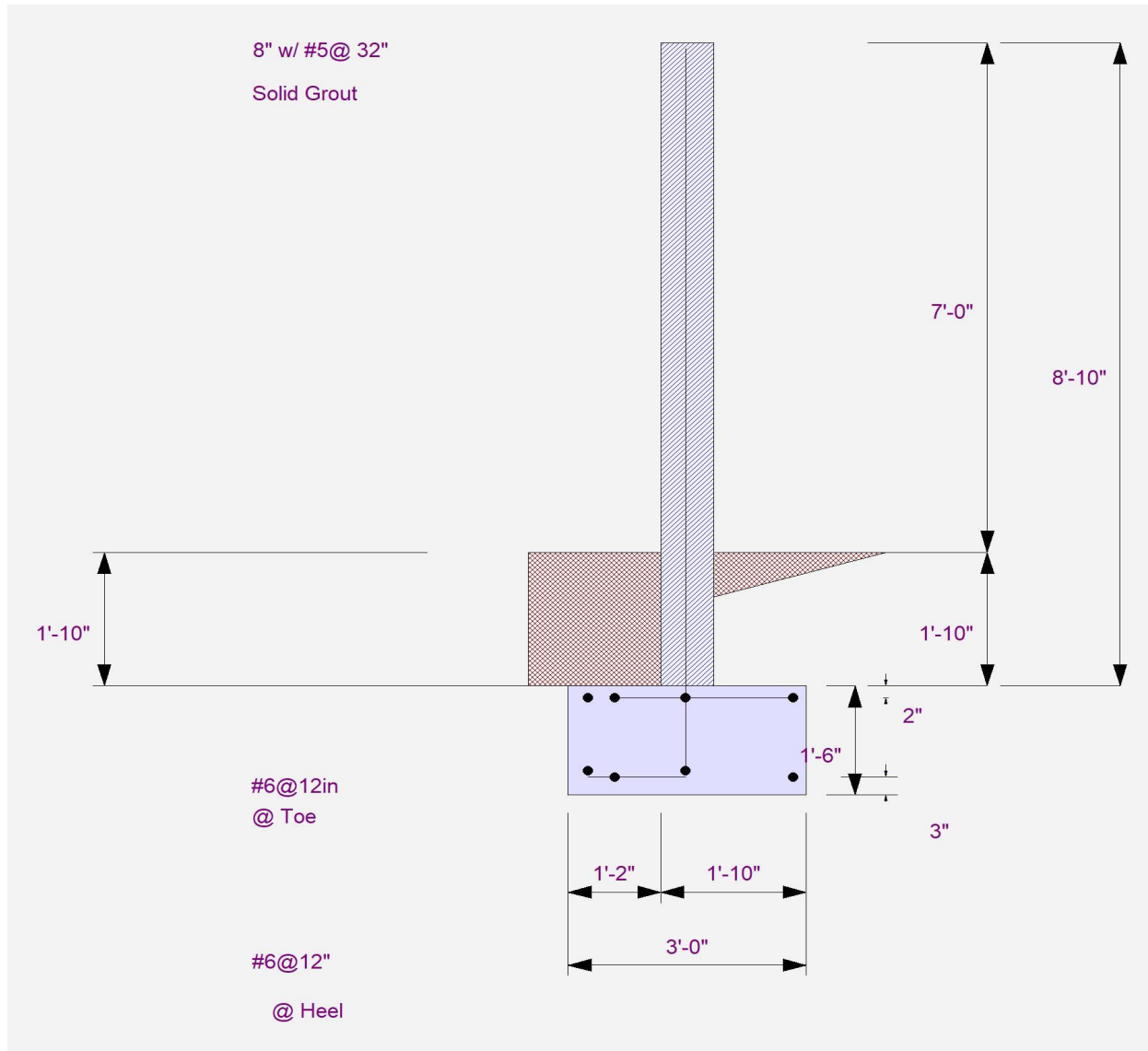
Project File: Gas Meter Wall.ec6

LIC# : KW-06017163, Build:20.22.1.19

KL&A, INC.

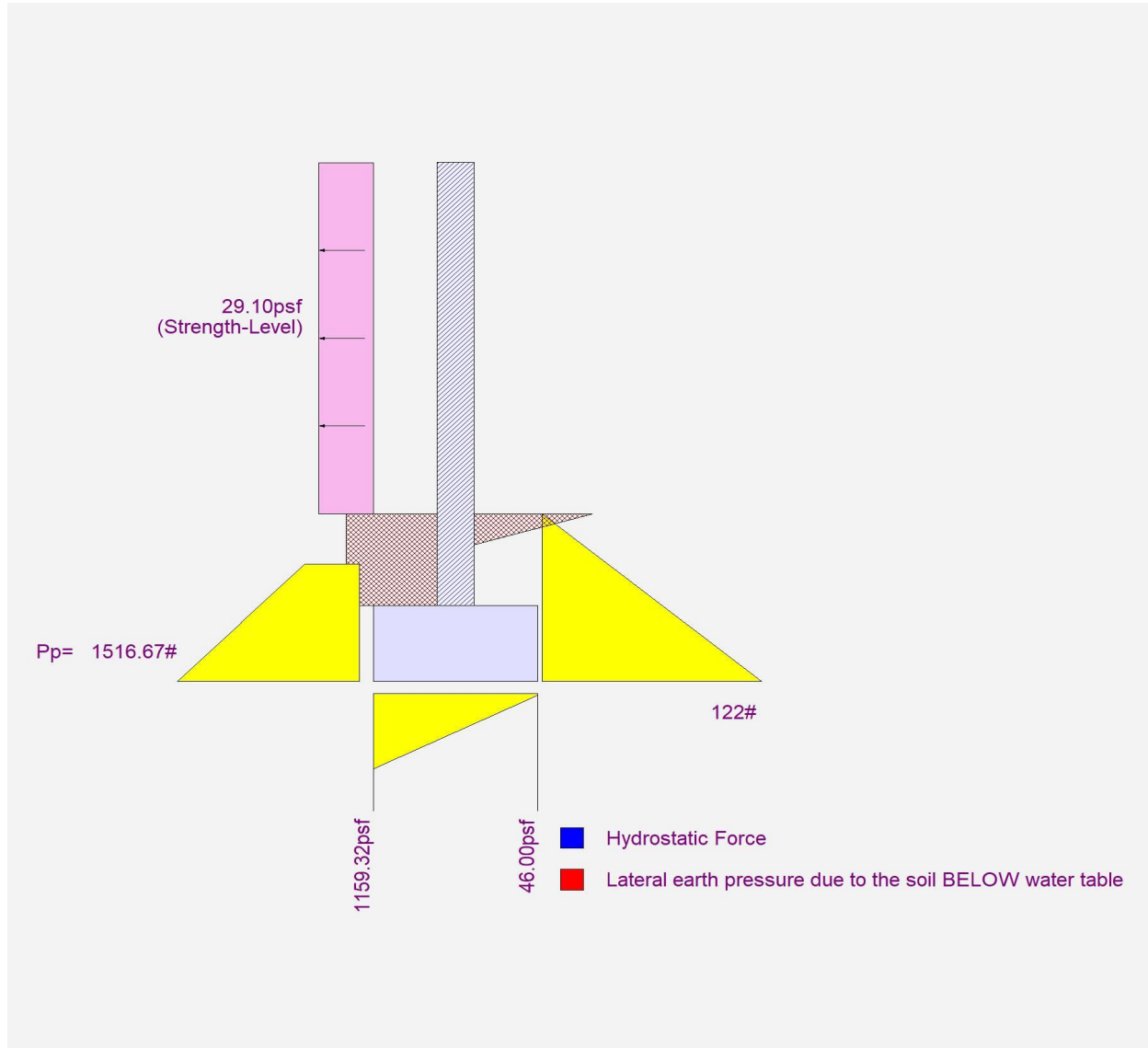
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DESCRIPTION: Gas Meter Wall



Cantilevered Retaining Wall

DESCRIPTION: Gas Meter Wall





December 18, 2023

Becky Stone
OZ Architecture
3003 Larimer Street
Denver, CO 80205

RE: Kindred - ASI-013
BG Project # 8612.60

Becky,

Please issue the following as ASI-013 in the appropriate format. Revisions are the result coordination with Civil and Xcel to relocate the gas meter and regulator as requested by the owner.

- **Mechanical Drawings**
 - ***Sheet M-100, Mechanical Site Plan - Garage Level***
Revised gas piping and gas entry per coordination with utility.
 - ***Sheet M-200A, Garage Plumbing Plans - Area A***
Revised gas piping and gas entry per coordination with utility.
 - ***Sheet M-201A, Level 1 Plumbing Plan - Area A***
Updated short circuit/voltage drop calculations for Raychem panels added or relocated.
 - ***Sheet M-701, Mechanical Diagrams***
Revised gas entry diagram to reflect revised gas entry and underground piping.
- **Electrical Drawings**
 - ***Sheet E-008, Central Electrical Panel Schedules***
Revised Panel Schedule for LP1C1 to add signage to circuit 107.
 - ***Sheet E-100,***
Added junction box to CMU wall near gas meter for signage, and flag note #6.

Sincerely,

Rahul Deodhar
BG Buildingworks

- NOTES:
1. ARCHITECTURAL ELEVATION 98'-6" IS EQUAL TO FFE 9351.50
 2. IN LANDSCAPE AREAS AROUND THE BUILDING FOOTPRINT, FINAL GRADE SHALL SLOPE FOR A MINIMUM OF 10' AT 5% OR STEEPER.
 3. IN PAVED AREAS AROUND THE BUILDING FOOTPRINT, FINAL GRADE SHALL SLOPE FOR A MINIMUM OF 10' AT 2% OR STEEPER.



3003 Larimer Street
Denver, Colorado 80205
phone 303.861.5704
www.ozarch.com



130 SKI HILL ROAD SUITE 140
BRECKENRIDGE, COLORADO 80424
PHONE: (970)453-6394

ONE RIVER RUN
75 HUNKI DORI CT.
KEYSTONE, CO 80435

PROJ. NO. 23526-20001
DRAWN: KGS
CHECKED: CDD
APPROVED: CDD
DATE: 2021-12-17
▲ - 11/18/22 - ADDENDUM 3
▲ - 12/20/23 - ASI-013

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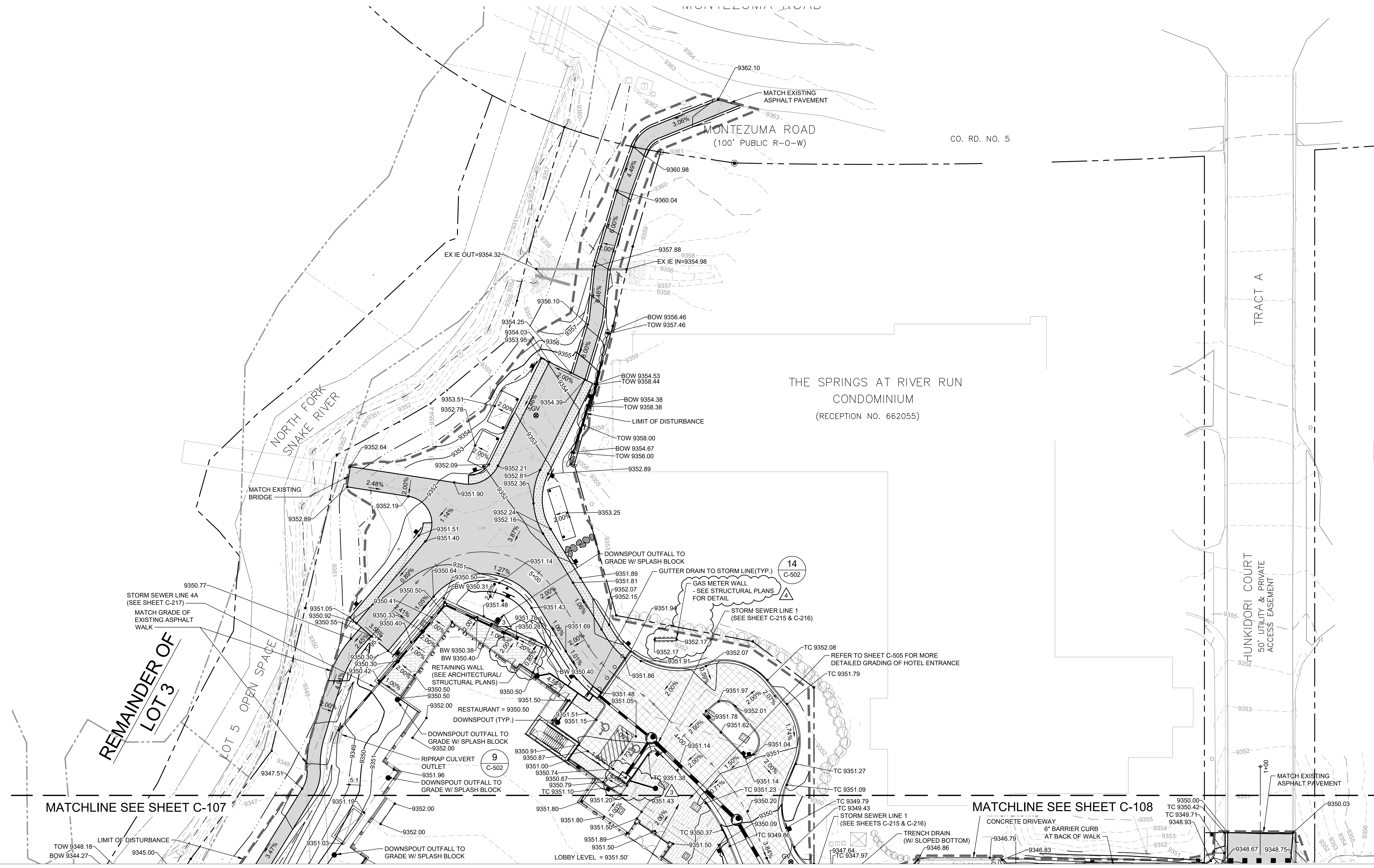
ONE RIVER RUN
ISSUED FOR:
GMP/BUILDING PERMIT
RESUBMITTAL

SHEET TITLE:
DETAILED GRADING
AND DRAINAGE PLAN

SCALE: 1" = 20'
SHEET NUMBER

C-106

12/28/2023 3:09:08 PM - O:\PROJECTS\BRECKENRIDGE\23526\20001\CAD\SHEETFILES\C106 DETAILED GRADING AND DRAINAGE PLAN.DWG - SCANLAN, KEATON

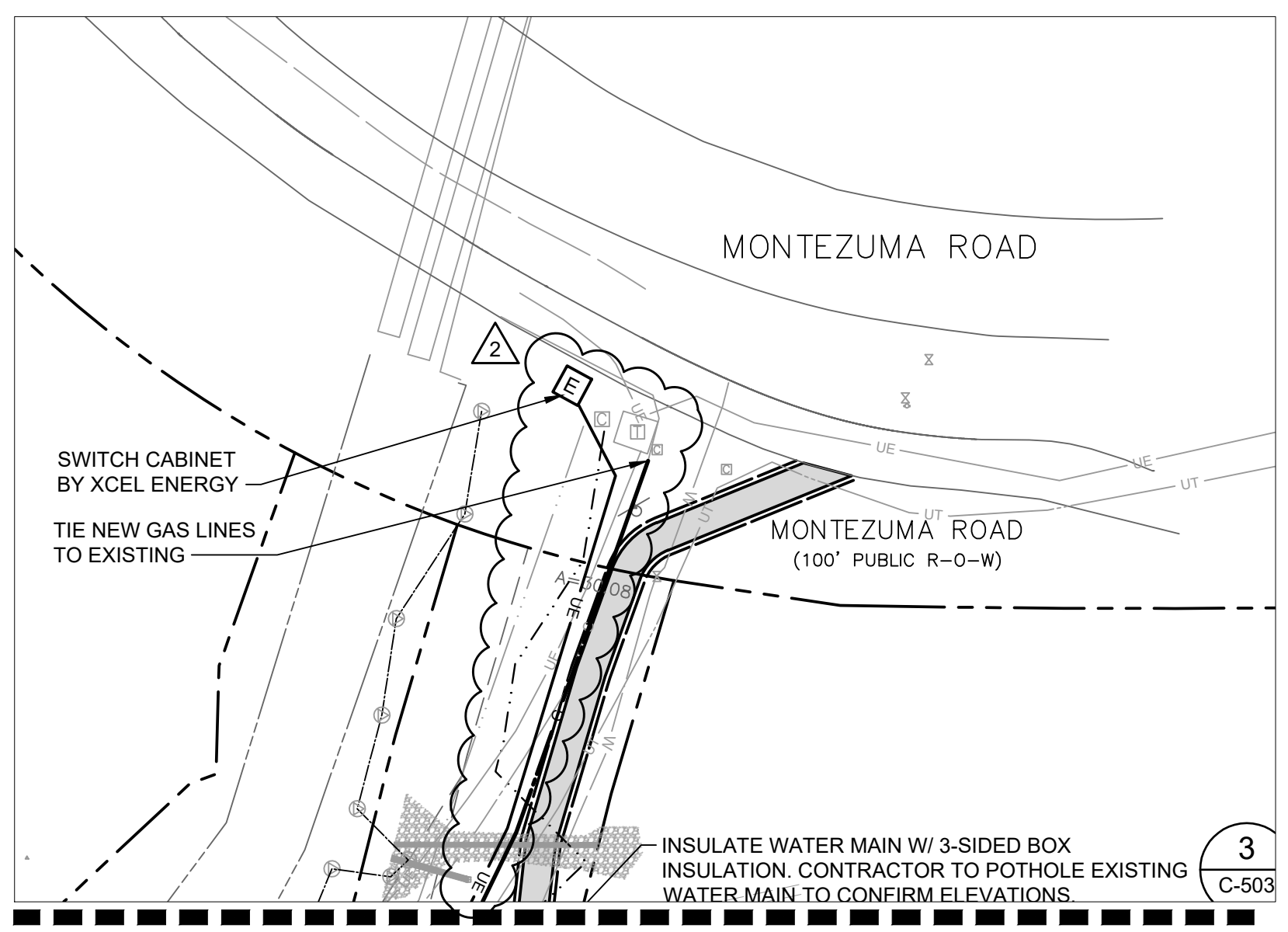
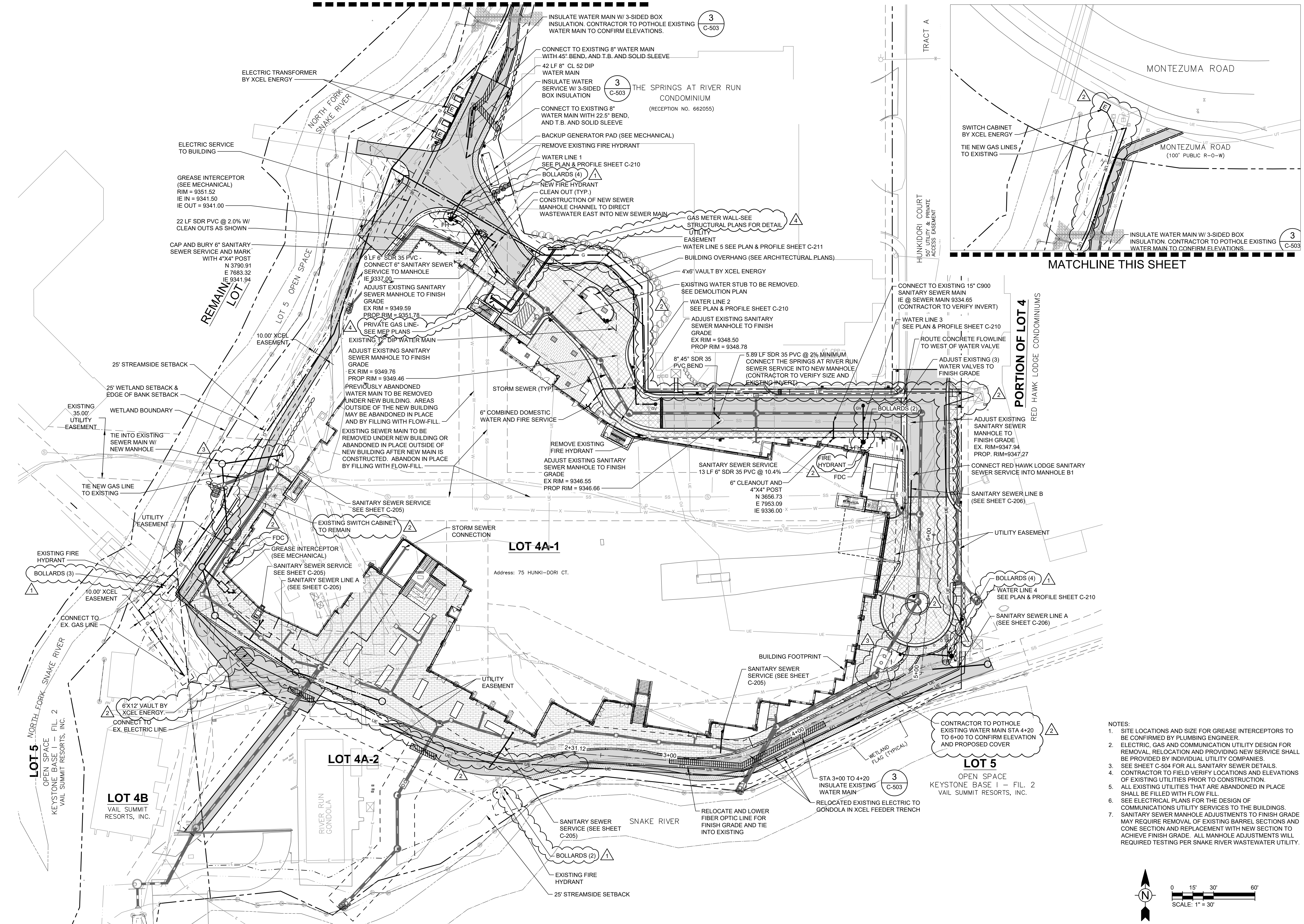


MATCHLINE SEE SHEET C-107

MATCHLINE SEE SHEET C-108

MATCH EXISTING ASPHALT PAVEMENT

MATCHLINE THIS SHEET



OZ ARCHITECTURE
 3003 Larimer Street
 Denver, Colorado 80205
 phone 303.861.5704
 www.ozarch.com

COLORADO LICENSED
 KEVIN G. SCARNO
 12-23-23
 55897
 PROFESSIONAL ENGINEER

TETRA TECH
 130 SKI HILL ROAD SUITE 140
 BRECKENRIDGE, COLORADO 80424
 PHONE: (970)453-6394

ONE RIVER RUN
75 HUNKI DORI CT.
KEYSTONE, CO 80435

PROJ. NO. 23526-20001
 DRAWN: KGS
 CHECKED: CDD
 APPROVED: CDD
 DATE: 2021-12-17

11/12/21 BUILDING PERMIT RESUBMITTAL
 08/12/22 - ADDENDUM 2
 11/18/22 - ADDENDUM 3
 12/20/23 - ASI-013
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ONE RIVER RUN
 ISSUED FOR:
 GMP/BUILDING PERMIT
 RESUBMITTAL

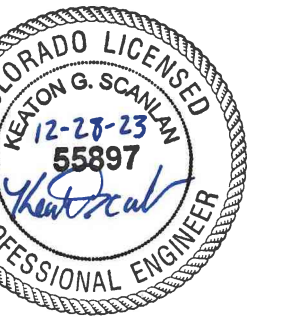
SHEET TITLE:
 COMPOSITE UTILITY PLAN

SCALE: 1" = 30'
 SHEET NUMBER
C-109

12/26/2023 12:28:34 PM - C:\PROJECTS\BRECKENRIDGE\23526\20001\CAD\SHSHEETFILES\C106 COMPOSITE UTILITY PLAN.DWG - KOCH, ALYSSA



3003 Larimer Street
Denver, Colorado 80205
phone 303.861.5704
www.ozarch.com



130 SKI HILL ROAD SUITE 140
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PHONE: (970)453-6394

ONE RIVER RUN
75 HUNKI DORI CT.
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PROJ. NO. 23526-20001
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DATE: 2021-12-17

3 - 11/18/22 - ADDENDUM 3
4 - 12/20/23 - ASI-013

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ONE RIVER RUN
ISSUED FOR:
GMP/BUILDING PERMIT
RESUBMITTAL

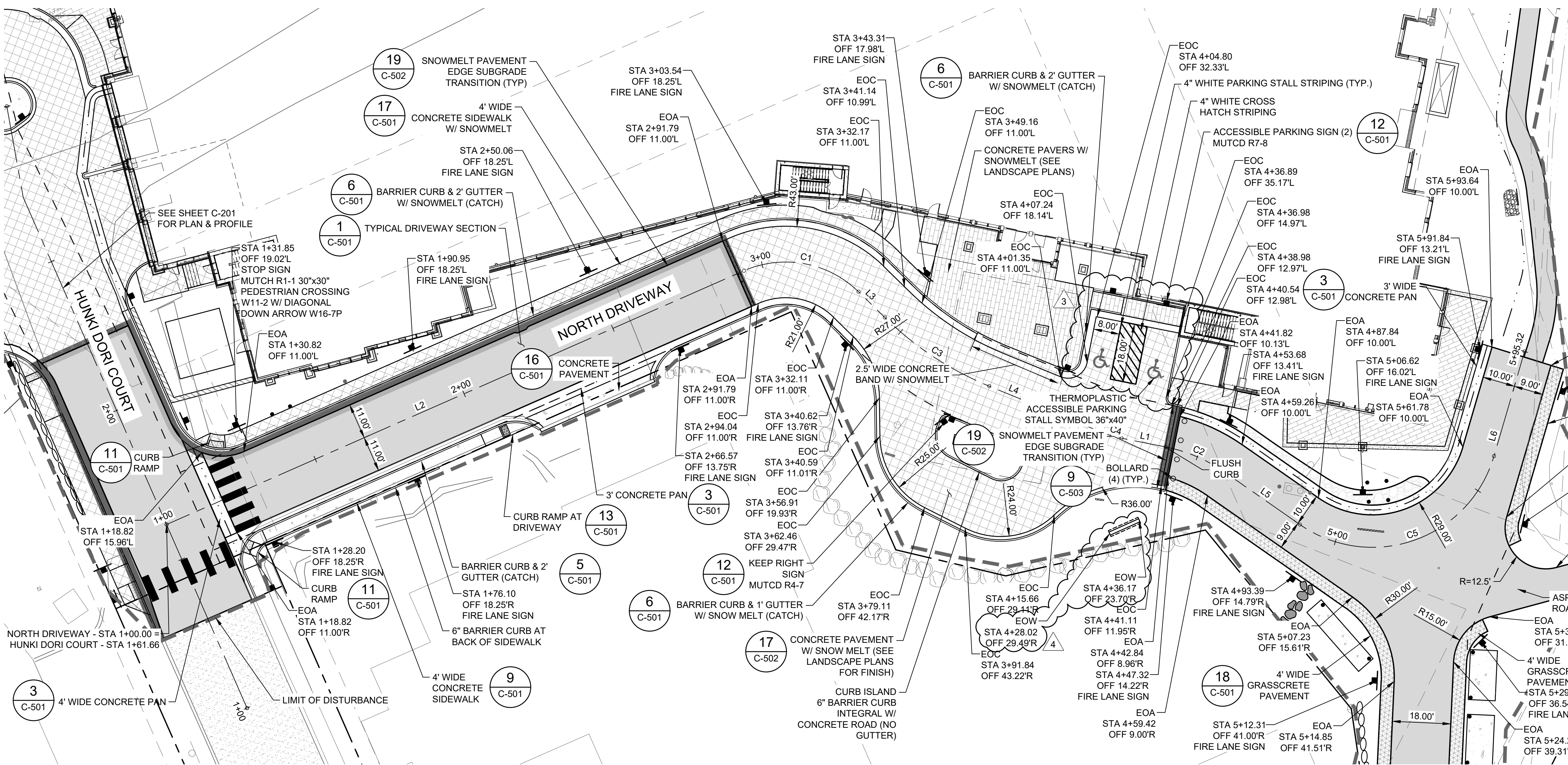
SHEET TITLE:
NORTH DRIVEWAY PLAN &
PROFILE

SCALE: 1" = 20'
SHEET NUMBER

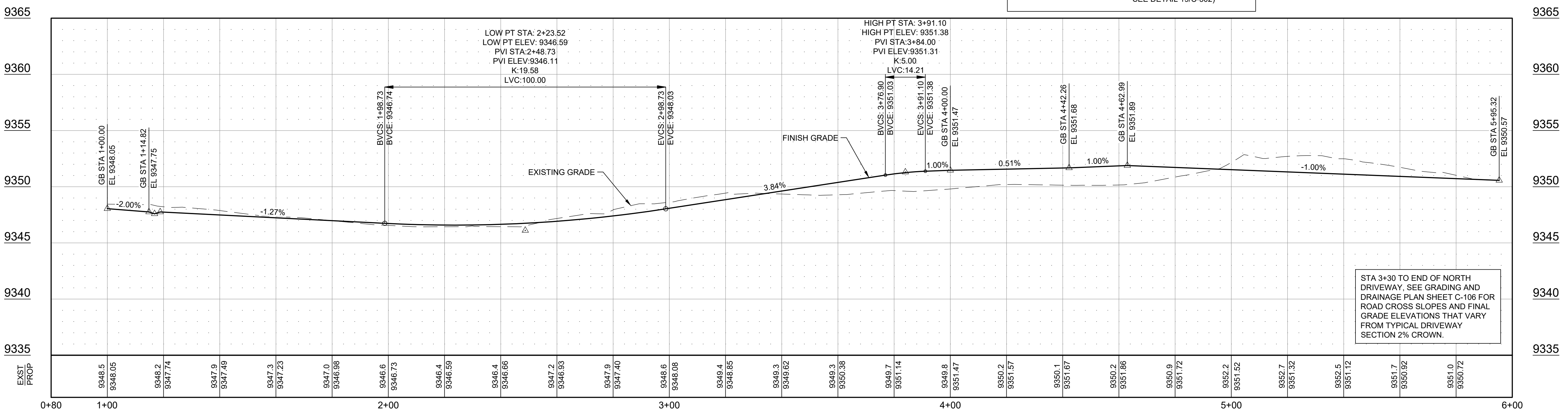
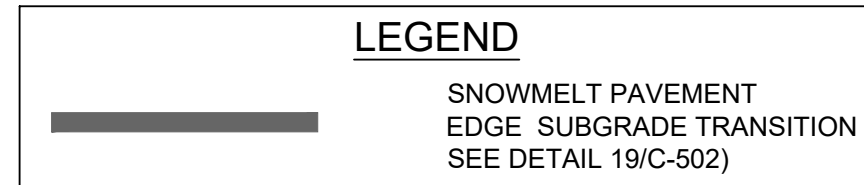
C-202

NUMBER	LENGTH	RADIUS	LINE/CHORD DIRECTION	START NORTHING & EASTING	END NORTHING & EASTING
C1	38.07'	32.00'	N55° 55' 09.98"W	N: 3674.984 E: 7827.035	N: 3695.081 E: 7797.332
C2	19.86'	48.00'	N43° 13' 46.25"W	N: 3776.815 E: 7730.066	N: 3791.180 E: 7716.562
C3	38.71'	100.00'	N32° 55' 44.86"W	N: 3705.574 E: 7793.127	N: 3737.864 E: 7772.214
C4	6.18'	32.00'	N49° 33' 00.49"W	N: 3764.916 E: 7741.378	N: 3768.918 E: 7741.378
C5	73.94'	39.00'	N85° 41' 20.64"W	N: 3815.312 E: 7701.845	N: 3820.074 E: 7638.673
L1	13.80'		N55° 04' 51.21"W	N: 3768.918 E: 7741.378	N: 3776.815 E: 7730.066
L2	194.04'		N90° 00' 00.00"W	N: 3674.984 E: 8021.075	N: 3674.984 E: 7827.035
L3	11.30'		N21° 50' 19.97"W	N: 3695.081 E: 7797.332	N: 3705.574 E: 7793.127
L4	37.62'		N44° 01' 09.76"W	N: 3737.864 E: 7772.214	N: 3764.916 E: 7746.072
L5	28.27'		N31° 22' 41.28"W	N: 3791.180 E: 7716.562	N: 3815.312 E: 7701.845
L6	33.55'		S40° 00' 00.00"W	N: 3820.074 E: 7638.673	N: 3794.376 E: 7617.109

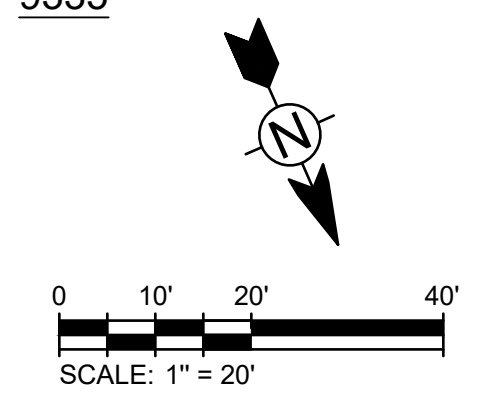
STA	L	R
1+18.82	-5.32%	5.32%
1+23.82	-4.32%	4.32%
1+28.82	-3.32%	3.32%
1+33.82	-2.32%	2.32%
1+38.82	-2.00%	1.32%
1+43.82	-2.00%	0.32%
1+48.82	-2.00%	-0.68%
1+55.00	-2.00%	-2.00%



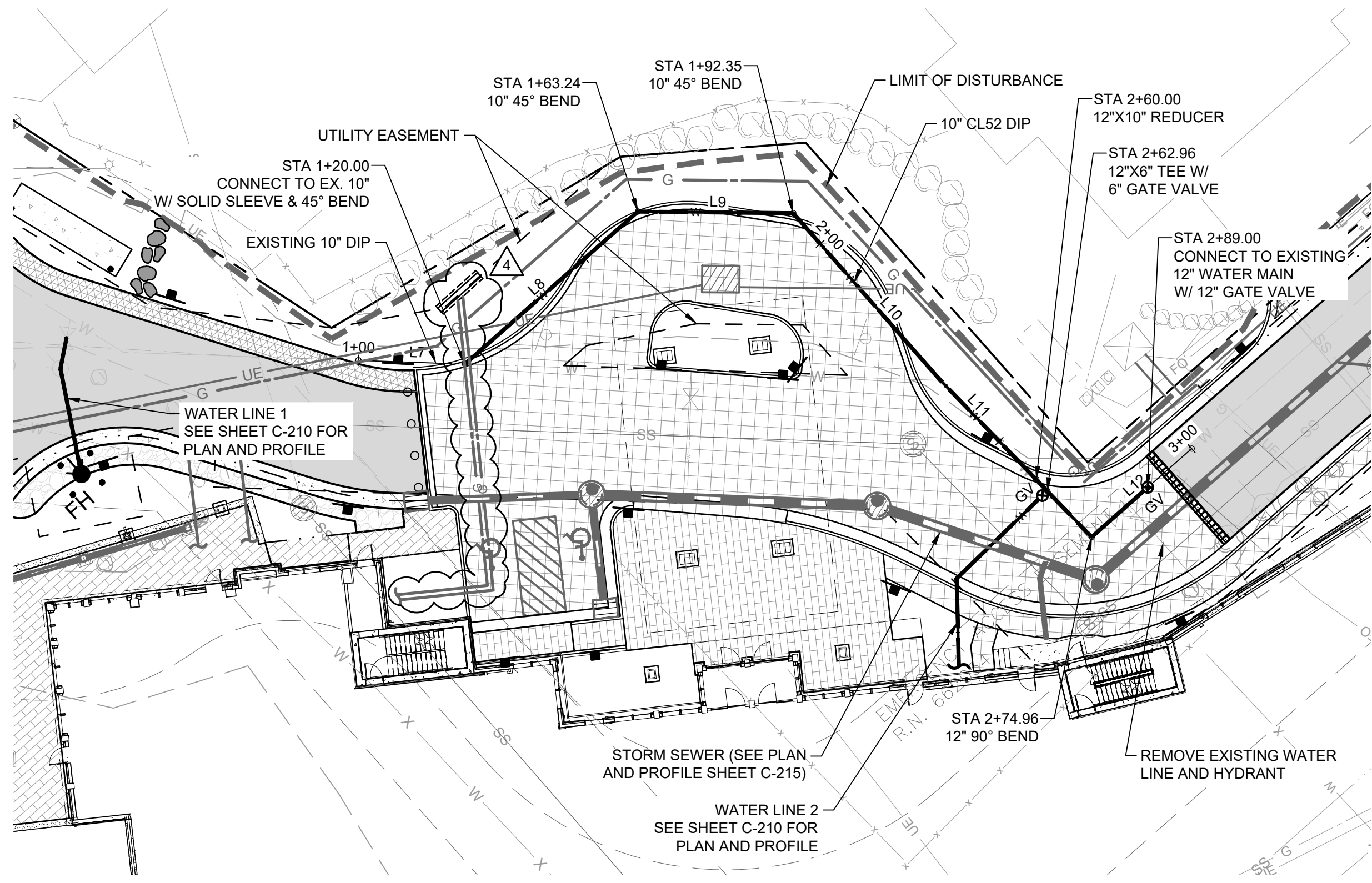
PLAN VIEW - NORTH DRIVEWAY
SCALE: 1"=20'



PROFILE VIEW - NORTH DRIVEWAY
SCALE: VERT: 1"=20' HORIZ: 1"=5'

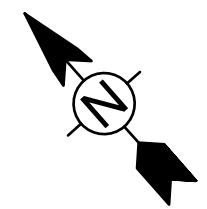


12/26/2023 12:30:26 PM - O:\PROJECTS\BRECKENRIDGE\23526\200-23526-20001\CAD\SHETS\C-202 DRIVEWAY PLAN & PROFILE.DWG - KOCH, ALYSSA

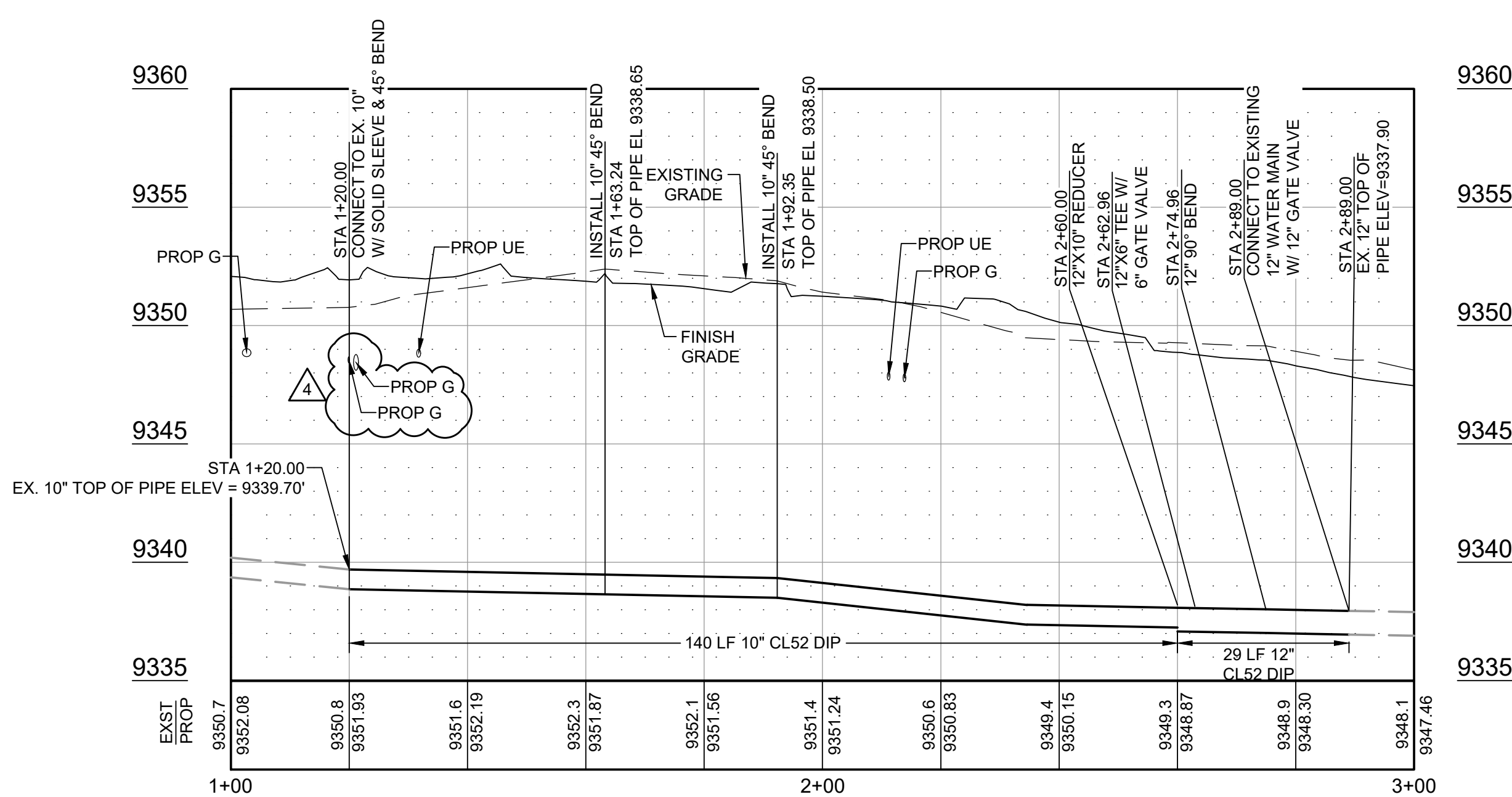


PLAN VIEW - WATER LINE 5

SCALE: 1"=20'



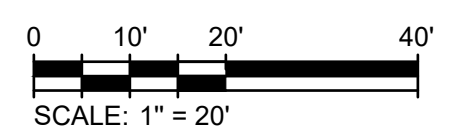
WATER LINE 5					
NUMBER	LENGTH	RADIUS	LINE/CHORD DIRECTION	START NORTHING & EASTING	END NORTHING & EASTING
L7	20.00'		S46° 38' 12.36"E	N: 3797.23 E: 7728.87	N: 3783.49 E: 7743.41
L8	43.24'		N90° 00' 00.00"E	N: 3783.49 E: 7743.41	N: 3783.49 E: 7786.64
L9	29.12'		S48° 00' 00.00"E	N: 3783.49 E: 7786.64	N: 3764.01 E: 7808.28
L10	41.77'		S0° 01' 44.34"W	N: 3764.01 E: 7808.28	N: 3722.25 E: 7808.26
L11	40.84'		S2° 33' 54.42"E	N: 3722.25 E: 7808.26	N: 3681.44 E: 7810.09
L12	25.04'		N89° 54' 24.27"E	N: 3681.44 E: 7810.09	N: 3681.48 E: 7835.13



PROFILE VIEW - WATER LINE 5

SCALE: VERT: 1"=20' HORIZ: 1"=5'

- NOTES:
- SEE SHEET C-503 FOR ALL WATER DETAILS.
 - CONTRACTOR TO FIELD VERIFY LOCATIONS AND ELEVATIONS AT EXISTING WATER LINES PRIOR TO CONSTRUCTION.
 - ALL TEES, HYDRANTS AND OTHER FITTINGS REQUIRE THRUST BLOCKS AND JOINT RESTRAINTS PER THE DETAILS ON SHEET C-503.
 - ALL EXISTING TOP OF PIPE ELEVATIONS SHOWN IN THE PROFILE FOR WATER LINE 5 ARE BASED ON RECORD DRAWINGS ISSUED BY TETRA TECH DATED OCTOBER 31, 2008.



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BRECKENRIDGE, COLORADO 80424
PHONE: (970)453-6394

ONE RIVER RUN
75 HUNKI DORI CT.
KEYSTONE, CO 80435

PROJ. NO. 23526-20001
DRAWN: KGS
CHECKED: CDD
APPROVED: CDD
DATE: 2021-12-17
12/20/23 - ASI-013

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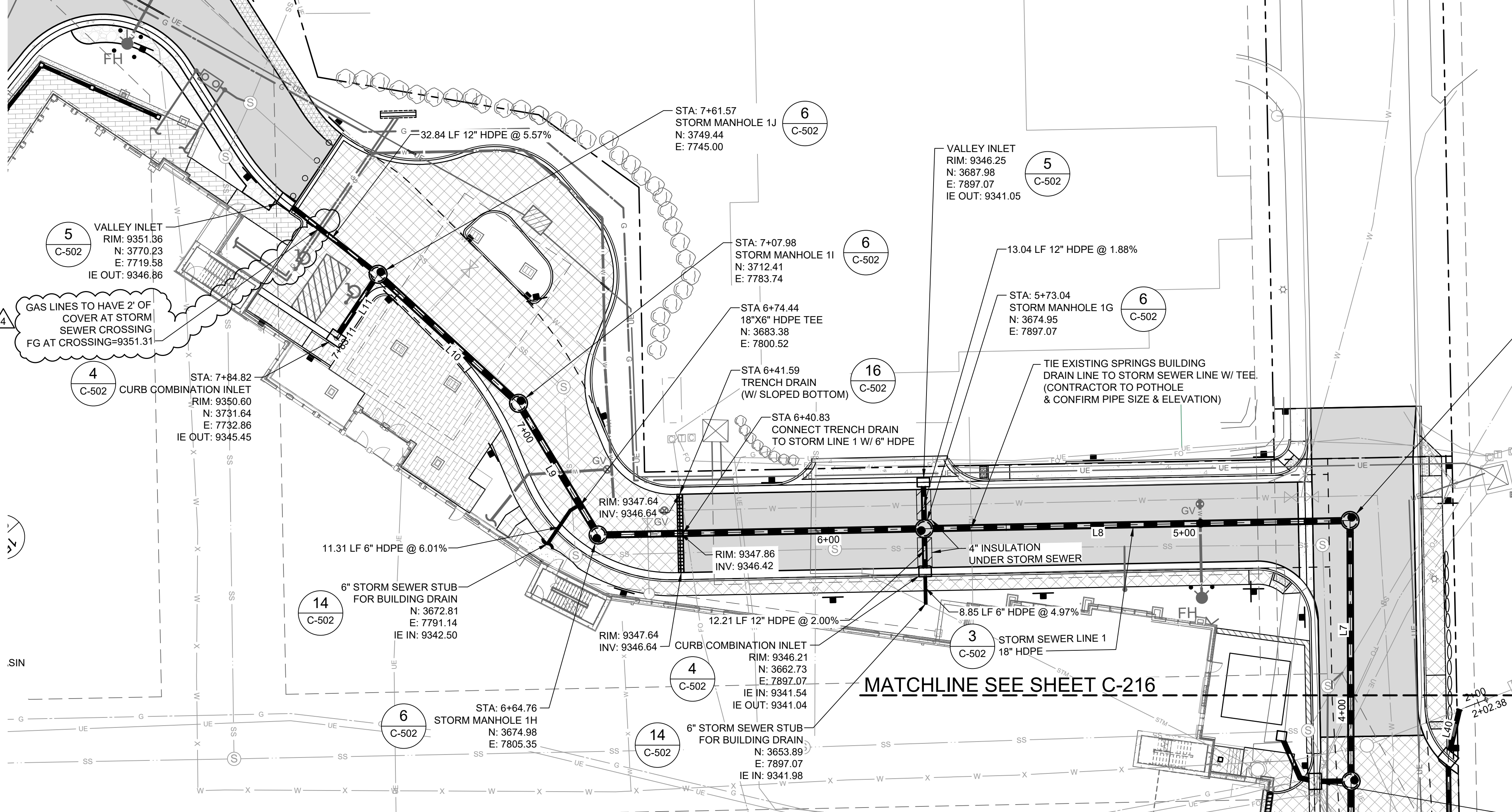
ONE RIVER RUN
ISSUED FOR:
GMP/BUILDING PERMIT
RESUBMITTAL

SHEET TITLE:
WATER PLAN & PROFILE

SCALE: 1" = 20'
SHEET NUMBER

C-211

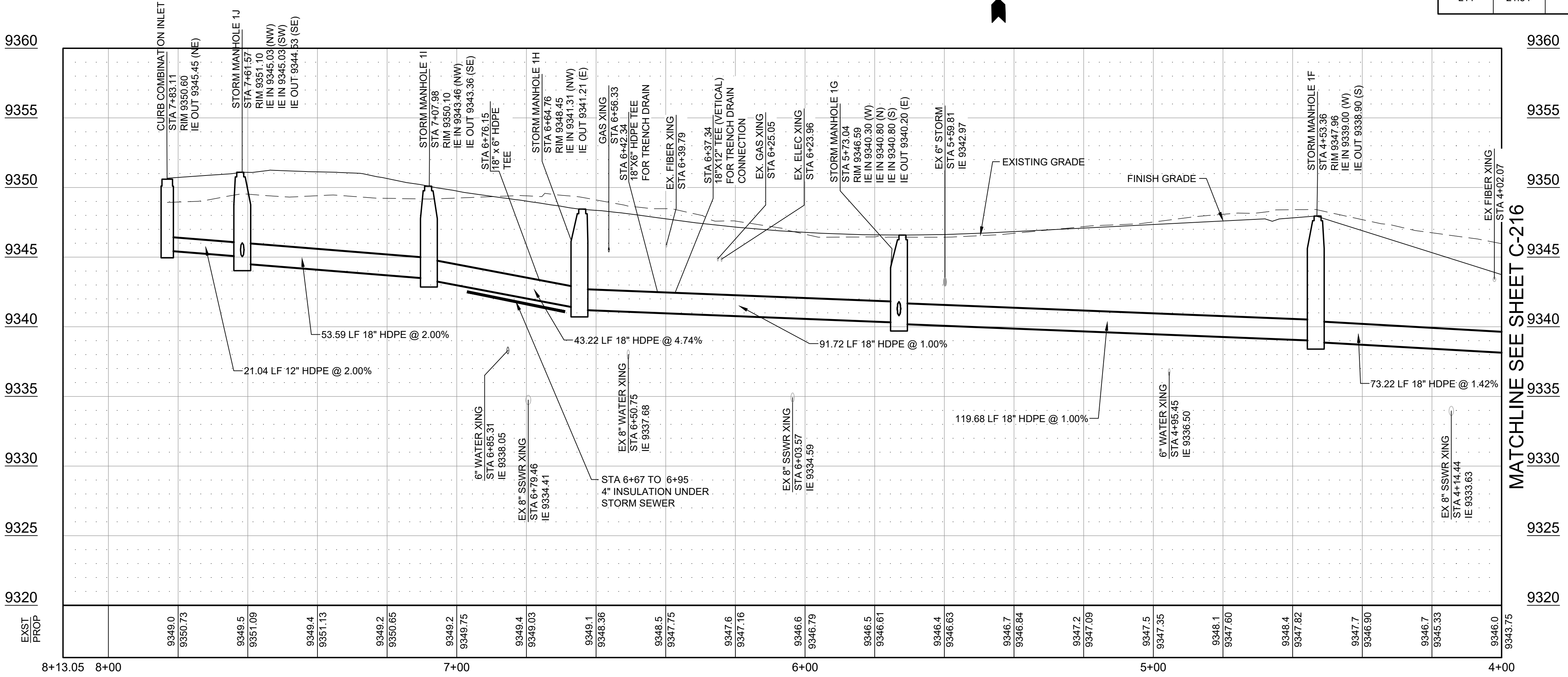
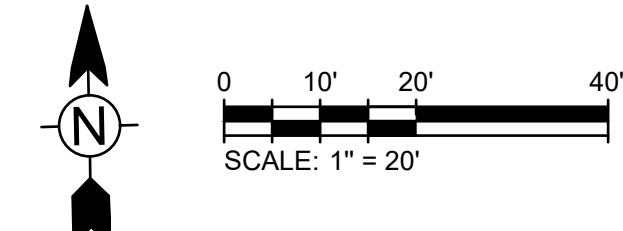
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STORM SEWER LINE 1 ALIGNMENT LAYOUT TABLE

NUMBER	LENGTH	RADIUS	LINE/CHORD DIRECTION	START NORTHING & EASTING	END NORTHING & EASTING
L7	87.73'		N0° 54' 16.21"E	N: 3587.177 E: 8015.367	N: 3674.895 E: 8016.752
L8	211.40'		N89° 58' 32.27"W	N: 3674.895 E: 8016.752	N: 3674.984 E: 7805.354
L9	43.22'		N29° 59' 57.91"W	N: 3674.984 E: 7805.354	N: 3712.414 E: 7783.745
L10	53.59'		N46° 17' 54.11"W	N: 3712.414 E: 7783.745	N: 3749.440 E: 7745.001
L11	21.54'		S34° 17' 59.96"W	N: 3749.440 E: 7745.001	N: 3731.643 E: 7732.861

PLAN VIEW STORM SEWER LINE 1



PROFILE STORM SEWER LINE 1
SCALE: HORIZ: 1" = 20' VERT: 1" = 5'

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COLORADO LICENSED
 KEVIN G. SCARNO
 55897
 Professional Engineer

TETRA TECH
 130 SKI HILL ROAD SUITE 140
 BRECKENRIDGE, COLORADO 80424
 PHONE: (970)453-6394

ONE RIVER RUN
75 HUNKI DORI CT.
KEYSTONE, CO 80435

PROJ. NO. 23526-20001
 DRAWN: KGS
 CHECKED: CDD
 APPROVED: CDD
 DATE: 2021-12-17
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 ISSUED FOR:
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 SHEET TITLE:
 STORM SEWER
 PLAN & PROFILE
 SCALE: 1" = 20'
 SHEET NUMBER

C-215

12/26/2023 12:33:27 PM - O:\PROJECTS\BRECKENRIDGE\23526\2001\CAD\ASHEETS\C201 STORM SEWER PLAN AND PROFILE.DWG - KOCH, ALYSSA



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KEYSTONE, CO 80435



PROJ. NO. 117033.00
DRAWN: Author
CHECKED: Checker
APPROVED: Approver
DATE: 2021-12-17
REVISIONS:
2 11/18/2022 ADDENDUM #3
8 12/23/2023 C23-004
RF1483 6/13/2023 RF1483
AS1-013 12/20/2023 AS1-013

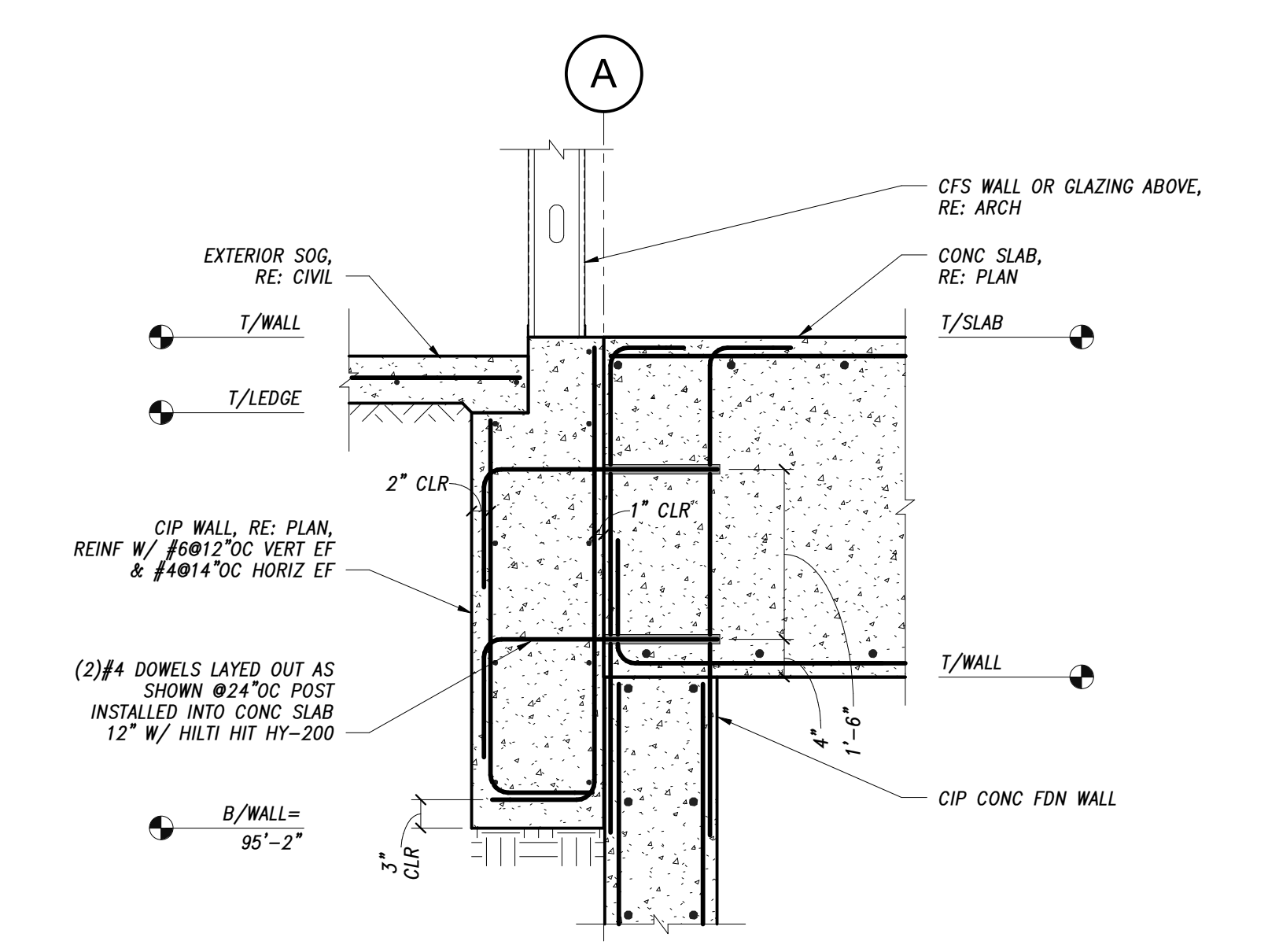
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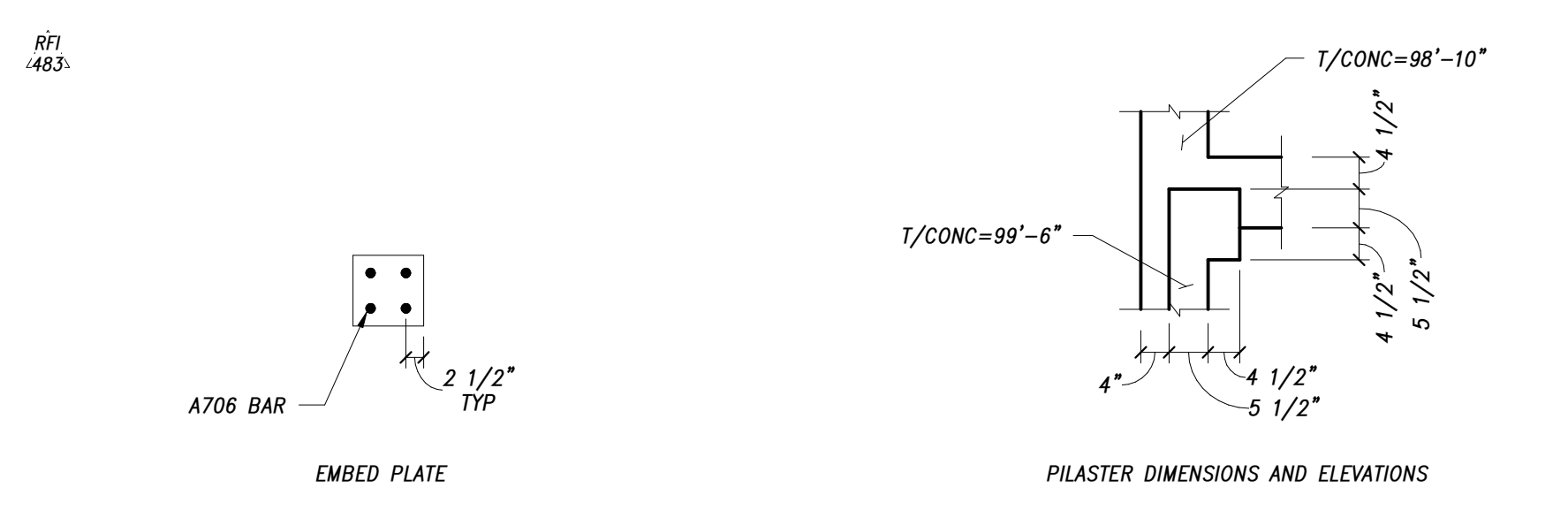
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SCALE: As Indicated
SHEET NUMBER

S-505

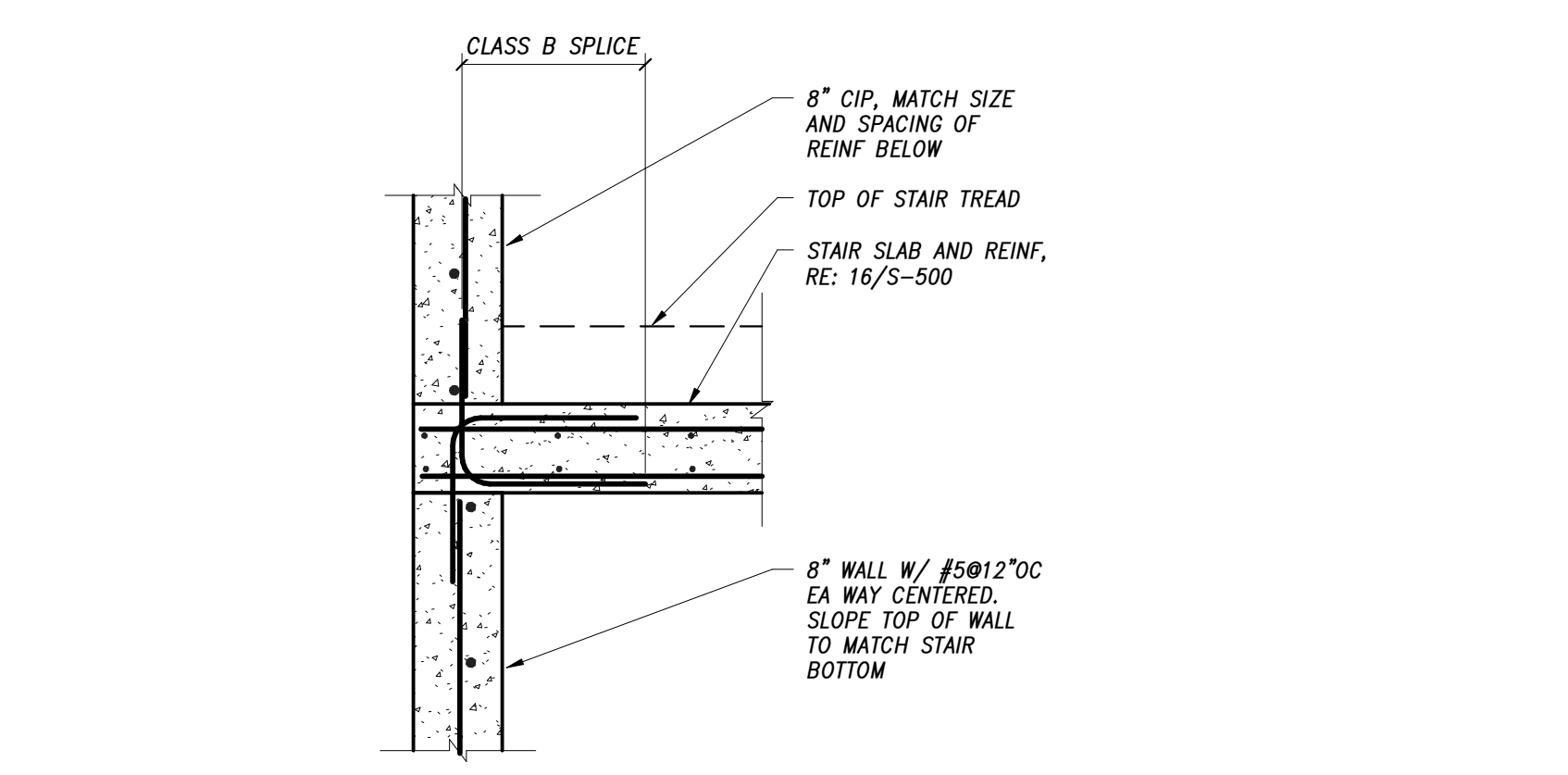
THE STRUCTURAL ENGINEERS SEAL ON THIS DRAWING INDICATES THAT THE INFORMATION SHOWN AND THE CALCULATIONS PERTAINING TO THAT INFORMATION HAVE BEEN PREPARED BY QUALIFIED PEOPLE UNDER THE DIRECTION OF THE ENGINEER-SEALING ARCHITECT. THE SEAL DOES NOT IMPLY RESPONSIBILITY FOR INFORMATION PREPARED BY OTHERS NOR FOR ANY INFORMATION NOT SHOWN ON THIS DRAWING AND SUCH RESPONSIBILITY IS SPECIFICALLY DISCLAIMED. ON FINISHED PROJECTS, DRAWINGS THAT ARE ISSUED BUT NOT SEALED SHALL BE CONSIDERED TO BE PRELIMINARY IN NATURE AND ARE ISSUED FOR INFORMATION ONLY. THESE DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS ON THE PROJECT TO CLEARLY DEFINE ALL OF THE REQUIREMENTS FOR THE CONSTRUCTION. WHERE CONFLICTS OCCUR CONTACT ARCHITECT FOR CLARIFICATION.



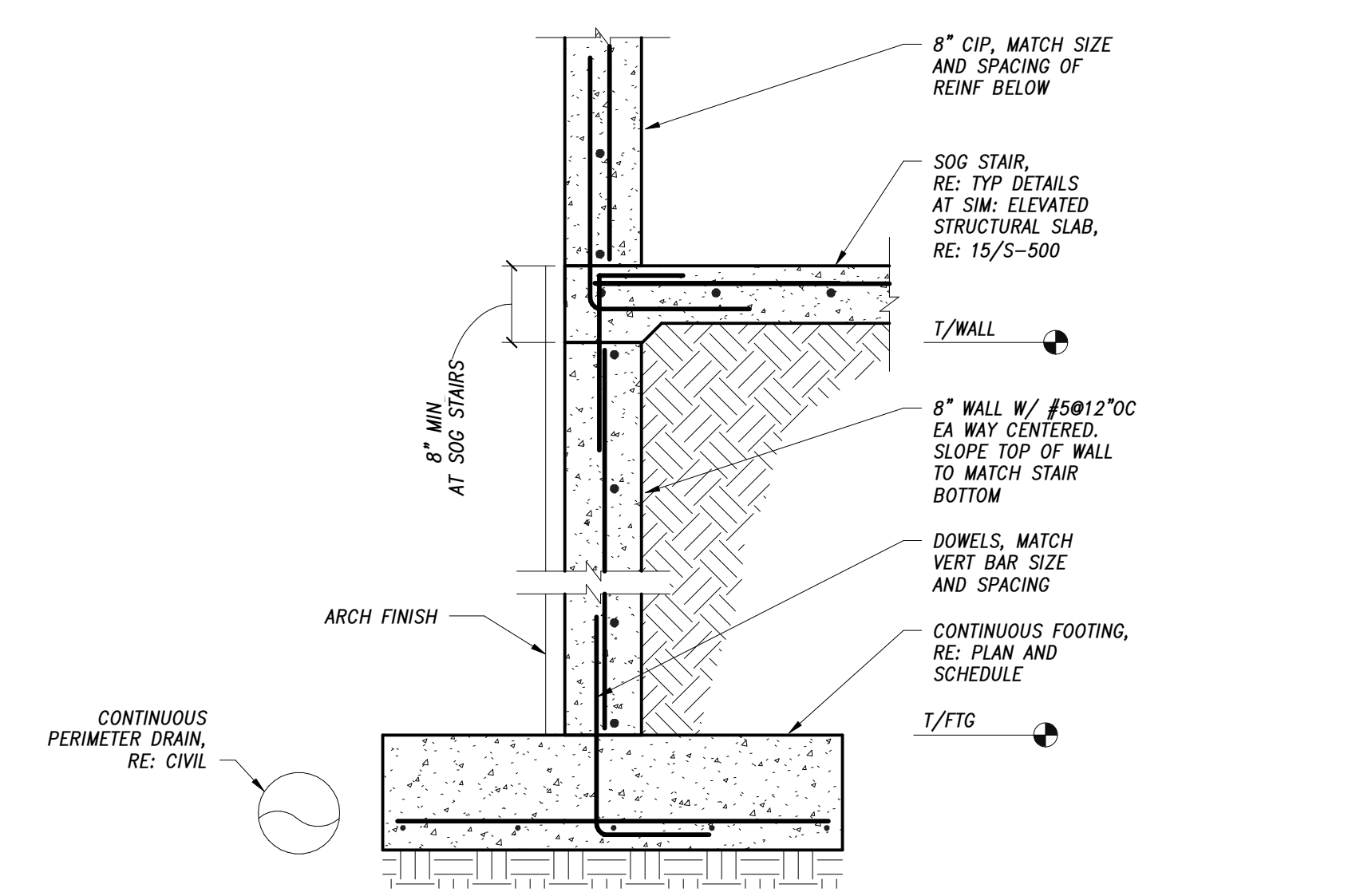
4 FOUNDATION WALL
3/4" = 1'-0"



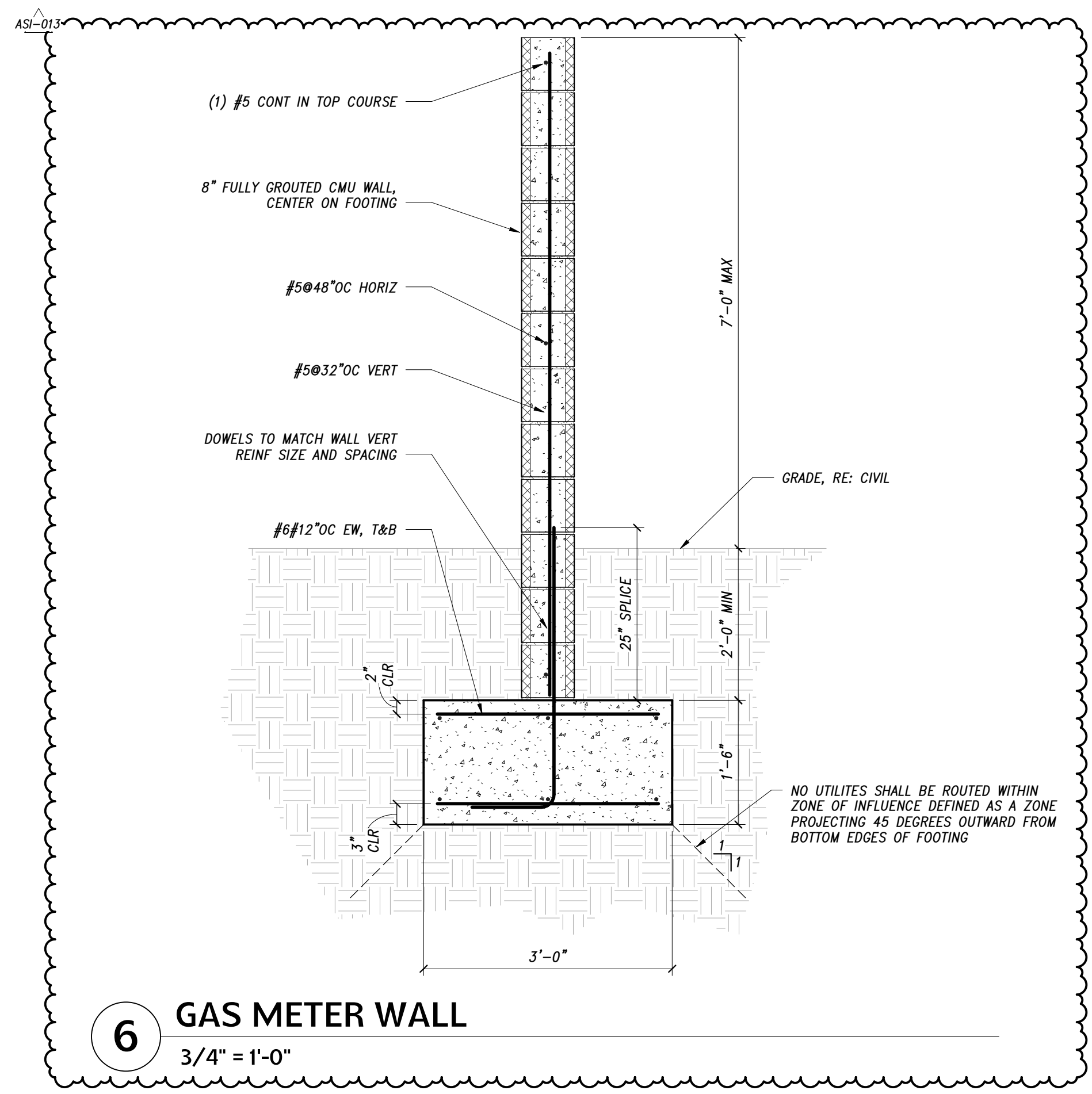
3 BASE PLATE DETAIL
1/2" = 1'-0"



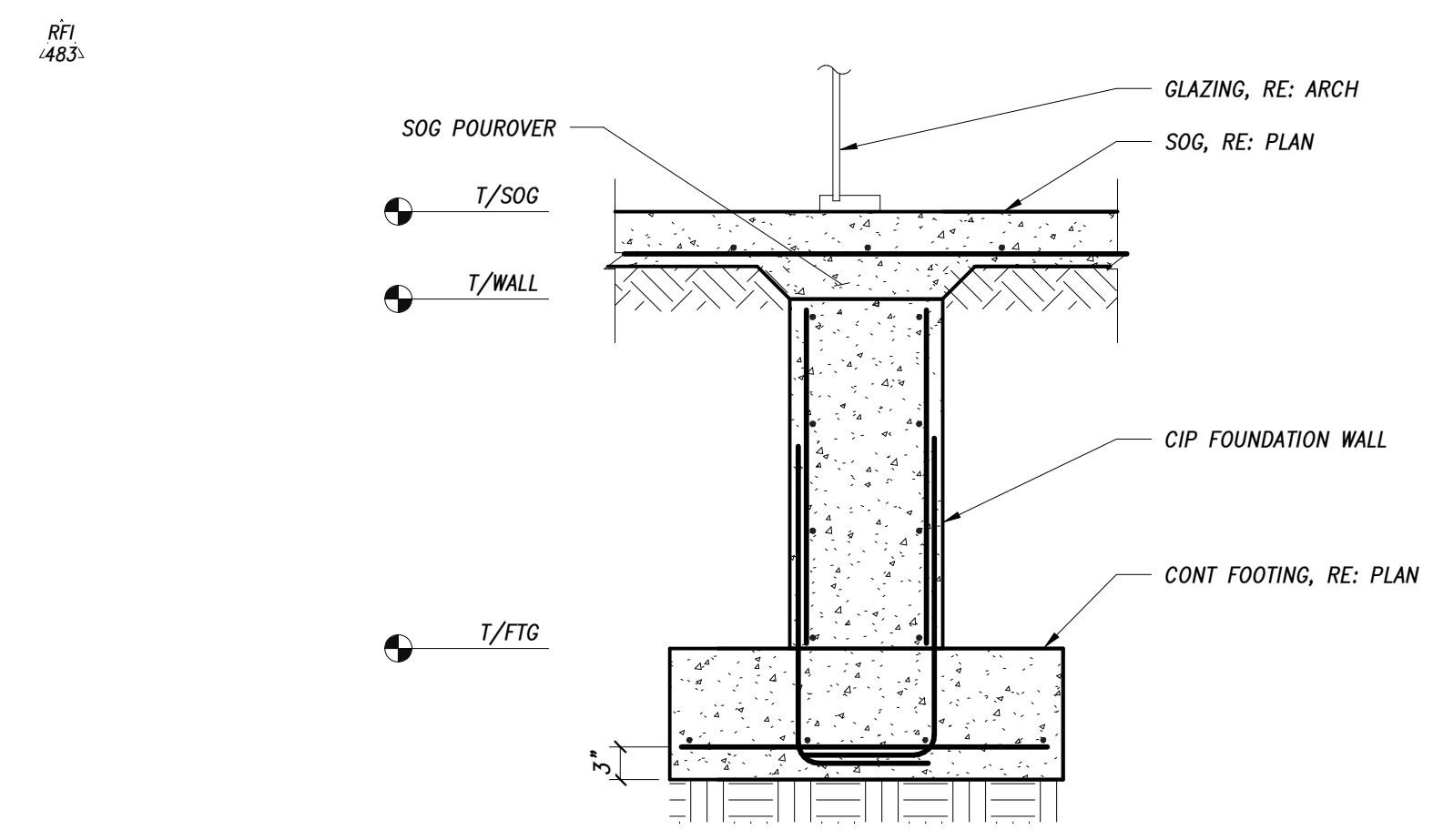
2 CONCRETE STAIR EDGE
3/4" = 1'-0"



1 STAIR POUROVER AT WALL
3/4" = 1'-0"



6 GAS METER WALL
3/4" = 1'-0"



5 FOUNDATION WALL
3/4" = 1'-0"

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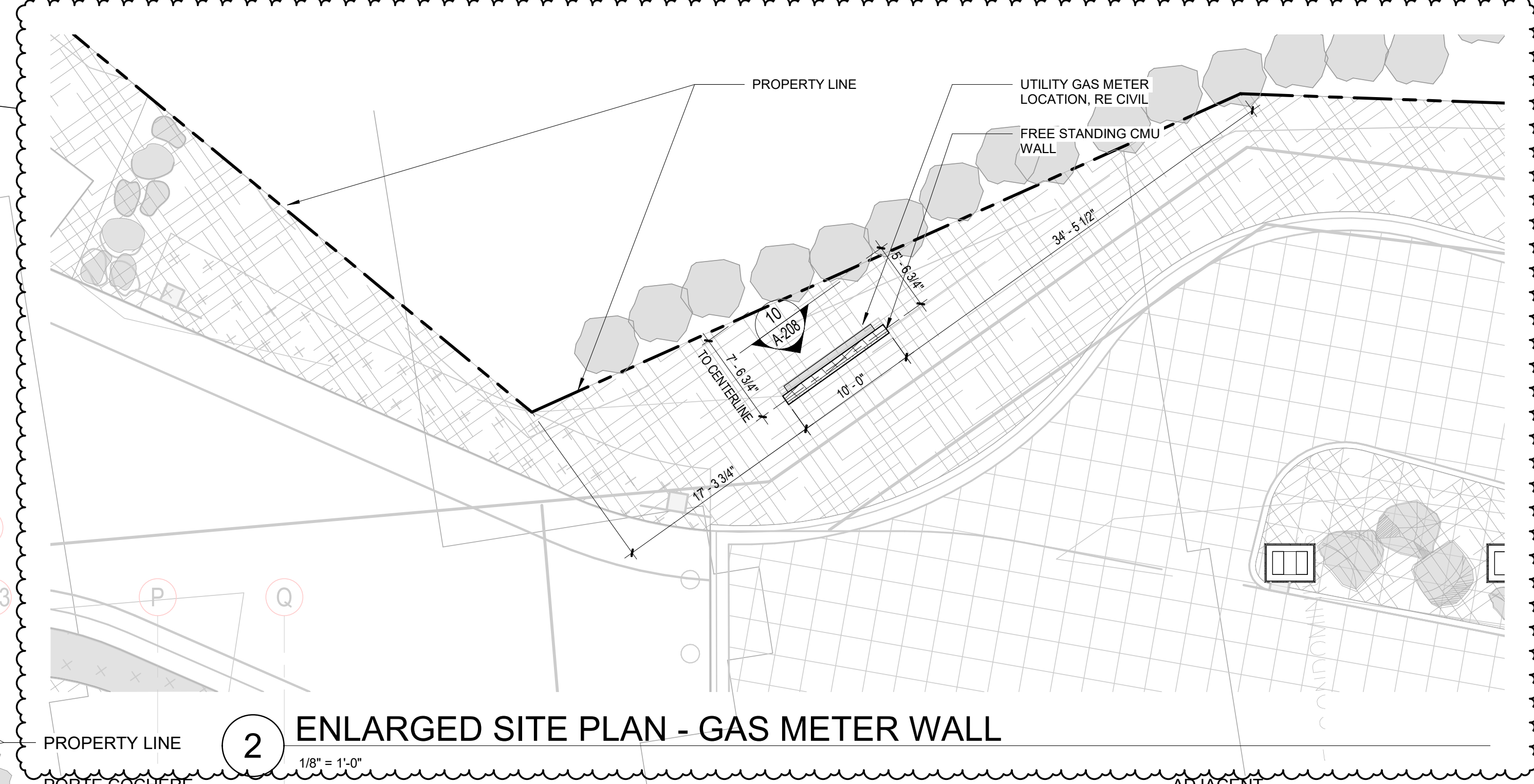
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DRAWN: OZ
CHECKED: Checker
APPROVED: Approver
DATE: 2021-12-17
REVISIONS:
Agi-013 12/20/23 ASI-013

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ONE RIVER RUN
ISSUED FOR:
GMP / BUILDING PERMIT
RESUBMITTAL
SHEET TITLE:
SITE PLAN

SCALE: As Indicated
SHEET NUMBER

A-000

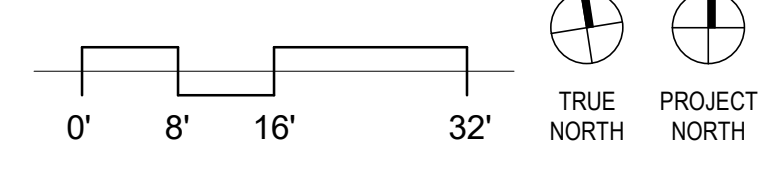


2 ENLARGED SITE PLAN - GAS METER WALL
1/8" = 1'-0"



1 ARCHITECTURAL SITE PLAN
1" = 20'-0"

SITE PLAN LEGEND	
	POINT OF ENTRY
	POINT OF EGRESSES
	POINT OF ACCESSIBLE ENTRY



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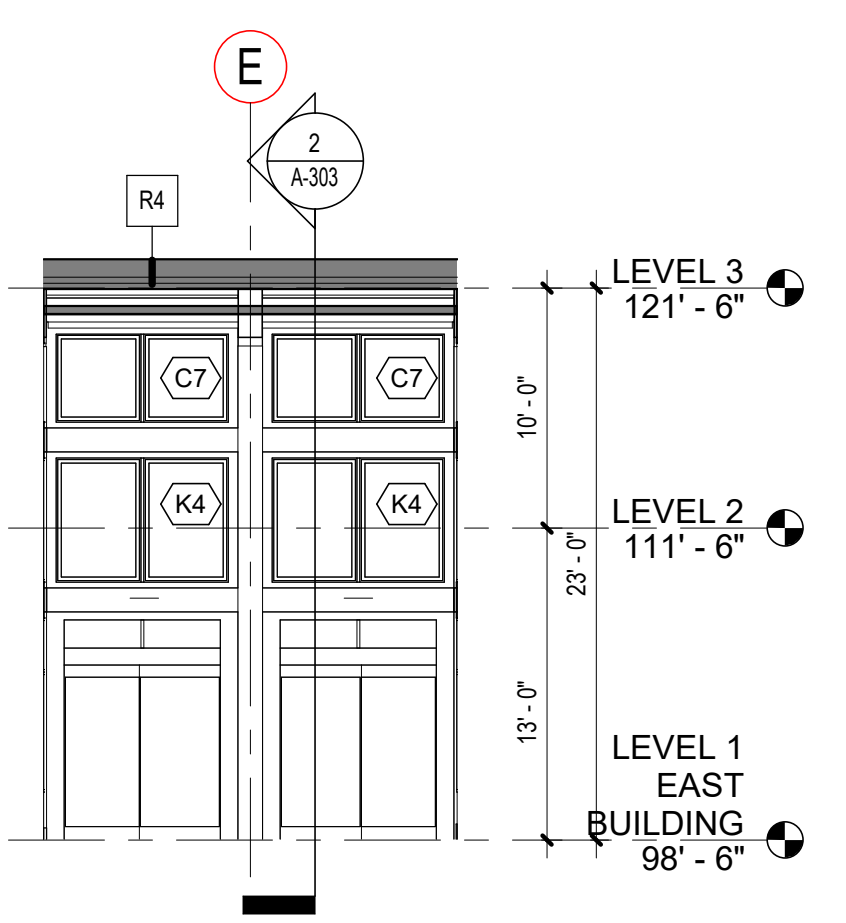
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EXTERIOR ELEVATIONS -
PODIUM

SCALE: As Indicated
SHEET NUMBER

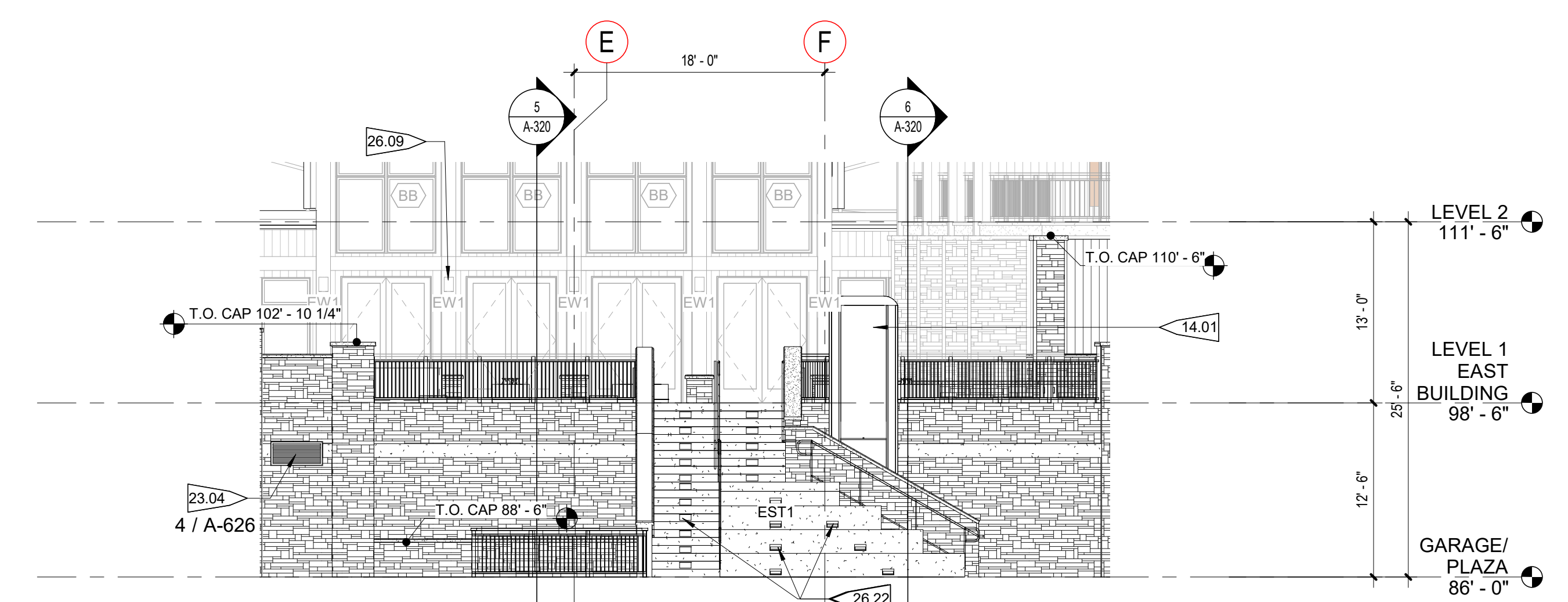
A-208



10 MAIN ENTRY/LOBBY N ELEV - GAS METER WALL ELEV.
1/8" = 1'-0"



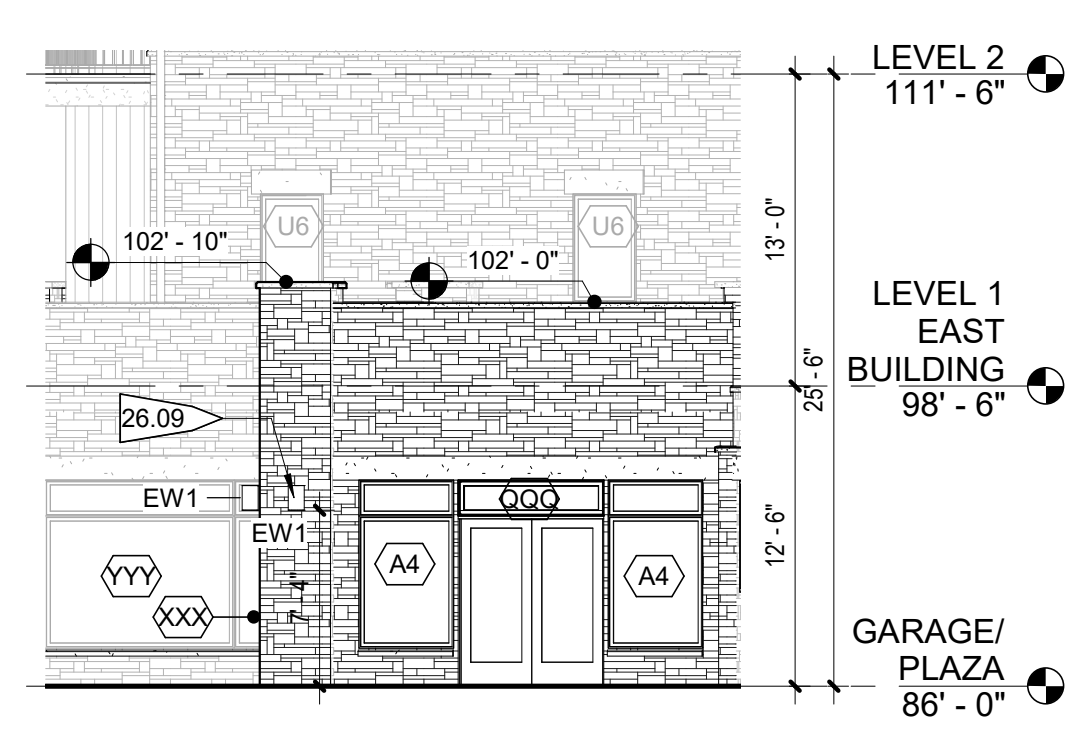
9 VESTIBULE ELEVATION @ LOBBY
1/8" = 1'-0"



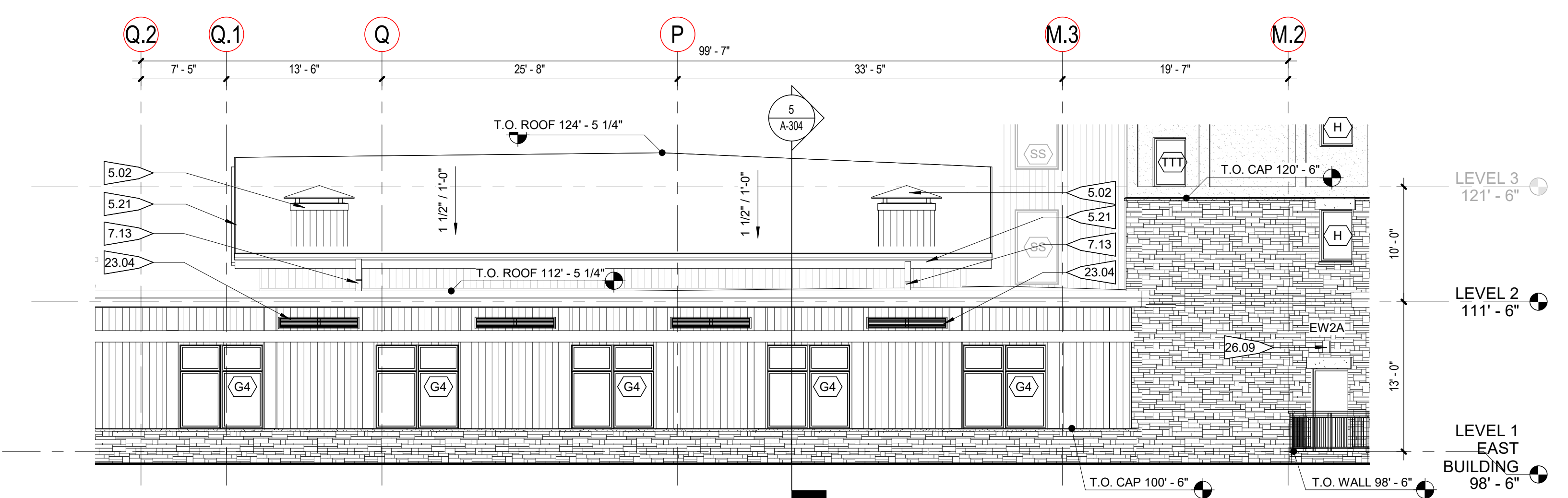
8 SOUTH PODIUM @ COURTYARD STAIR
1/8" = 1'-0"



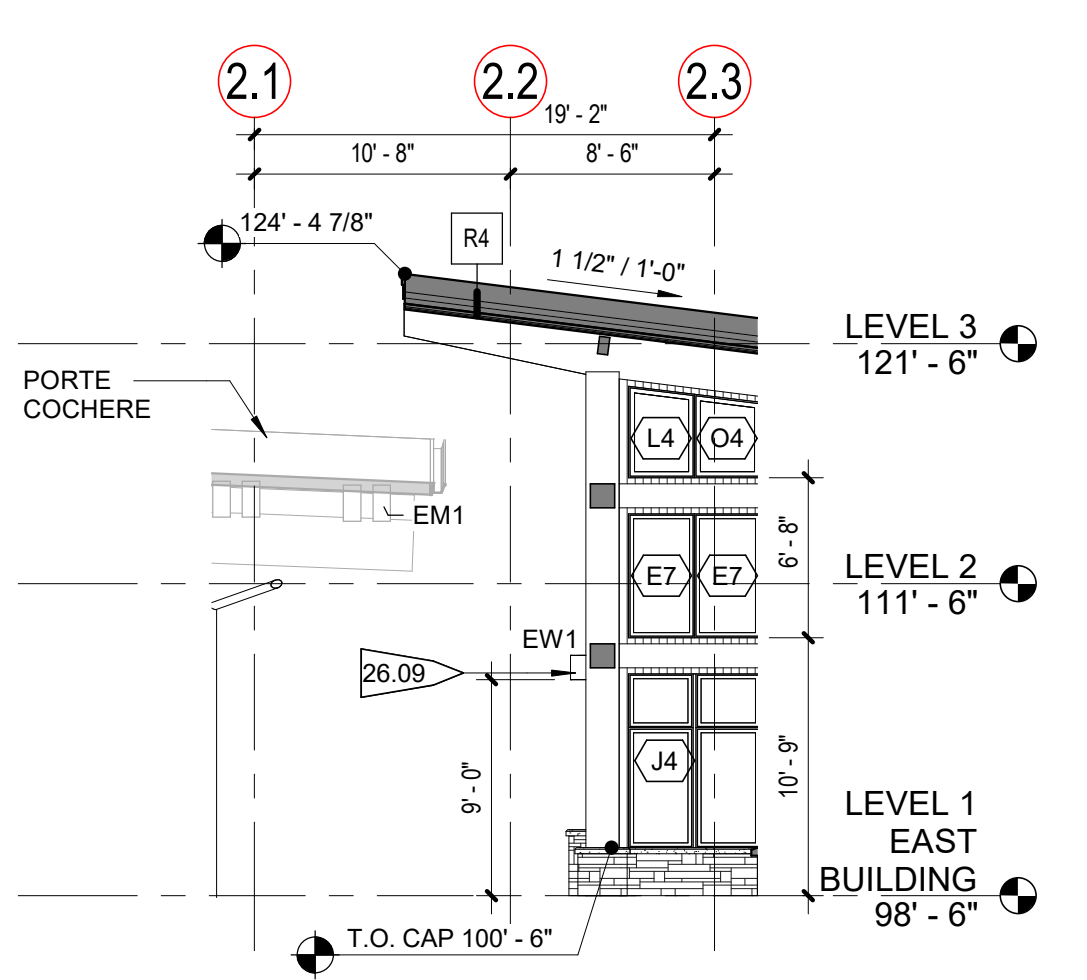
7 SOUTH PODIUM @ SKI SCHOOL SOUTH
1/8" = 1'-0"



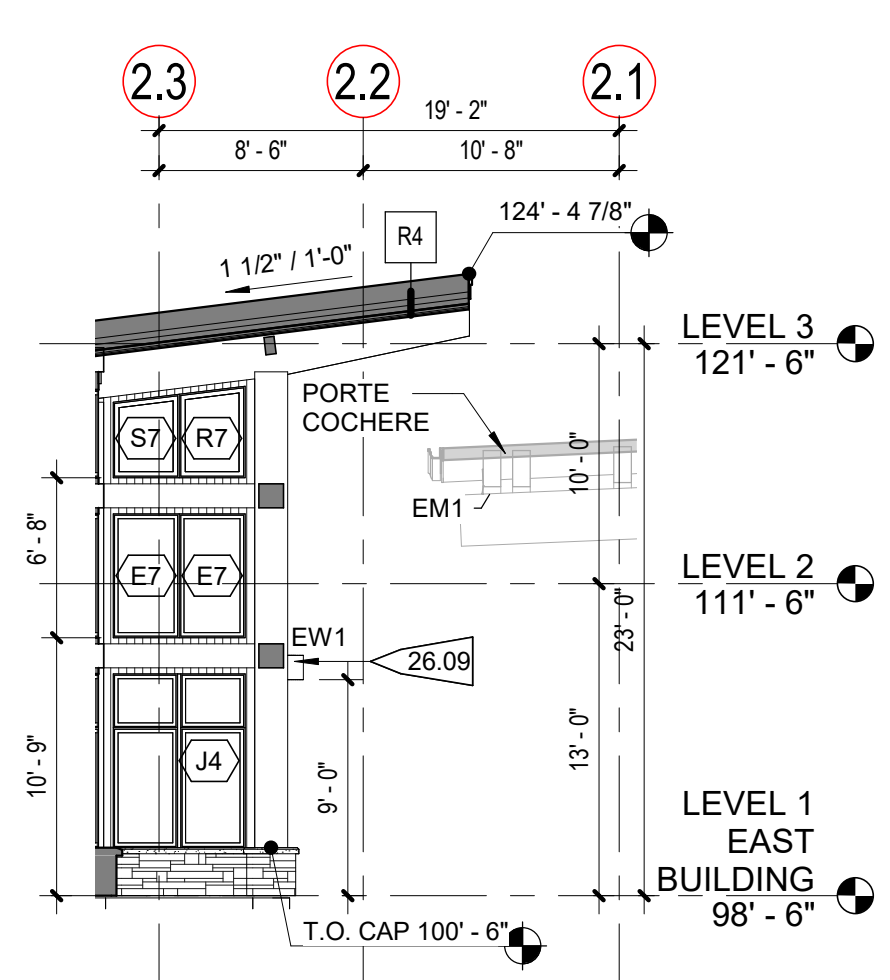
6 SOUTH PODIUM @ SKI SCHOOL EAST
1/8" = 1'-0"



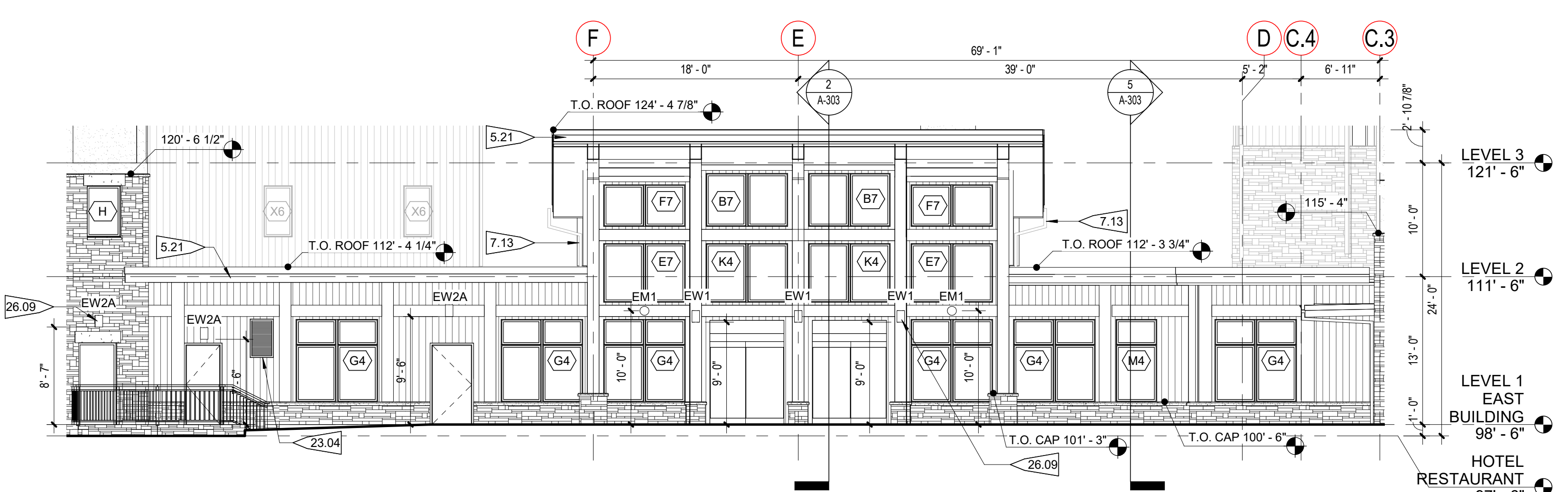
5 NORTH PODIUM
1/8" = 1'-0"



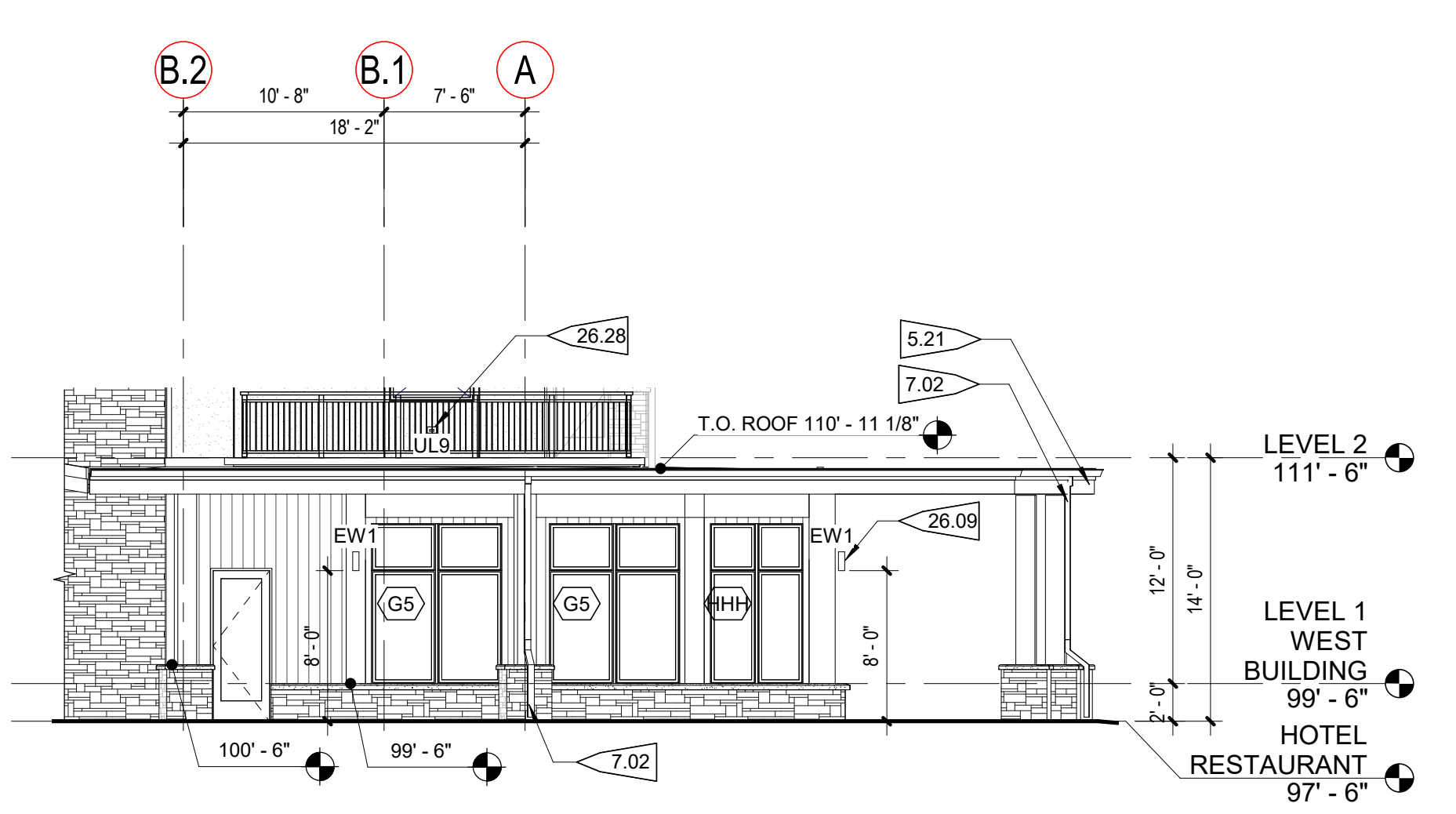
4 MAIN ENTRY - WEST ELEVATION
1/8" = 1'-0"



3 MAIN ENTRY - EAST ELEVATION
1/8" = 1'-0"



2 MAIN ENTRY / LOBBY NORTH ELEVATION
1/8" = 1'-0"



1 LOBBY RESTAURANT
1/8" = 1'-0"

NOTES:
1. MAXIMUM HEIGHT FOR FREE STANDING LIGHT IS 16' - 0"
2. EXTERIOR BUILDING LIGHT FIXTURES LIMITED TO NO MORE THAN 15' - 0" ABOVE FINISHED GRADE AND MUST BE DARK SKY COMPLIANT.
3. EL 99'-6" (LEVEL 1 - WEST TOWER) EQUATES TO USGS DATUM ELEVATION OF 9352'-6"

PROJECT FLAGNOTES	
NO.	FLAGNOTE
5.02	PREFINISHED FAUX METAL CHIMNEY & CAP. RE: SHEET A-310 FOR DETAILS
5.21	MTL FASCIA. RE: A-540
7.02	PREFINISHED MTL GUTTER AND DOWNSPOUT. DOWNSPOUT TO DAYLIGHT
7.13	PREFINISHED MTL GUTTER AND DOWNSPOUT TO DRAIN ON TO ROOF BELOW
12.26	WOOD CABANA STRUCTURE. RE: SPEC.
14.01	EXTERIOR 2 STOP LIFT BY MANUF.
23.04	AIR TRANSFER LOUVER. RE: MECH. FOR SIZE. RE: A-626 FOR LOUVER DTLS.
26.09	EXTERIOR LIGHTING. RE: EXTERIOR ELEVATIONS & LIGHTING
26.22	EST1: VERIFY EXACT PLACEMENT ON STAIRS WITH LIGHTING DWGS
26.28	UNIT BALCONY STEP LIGHTING. RE: A-480 AND A-481 FOR PLACEMENT

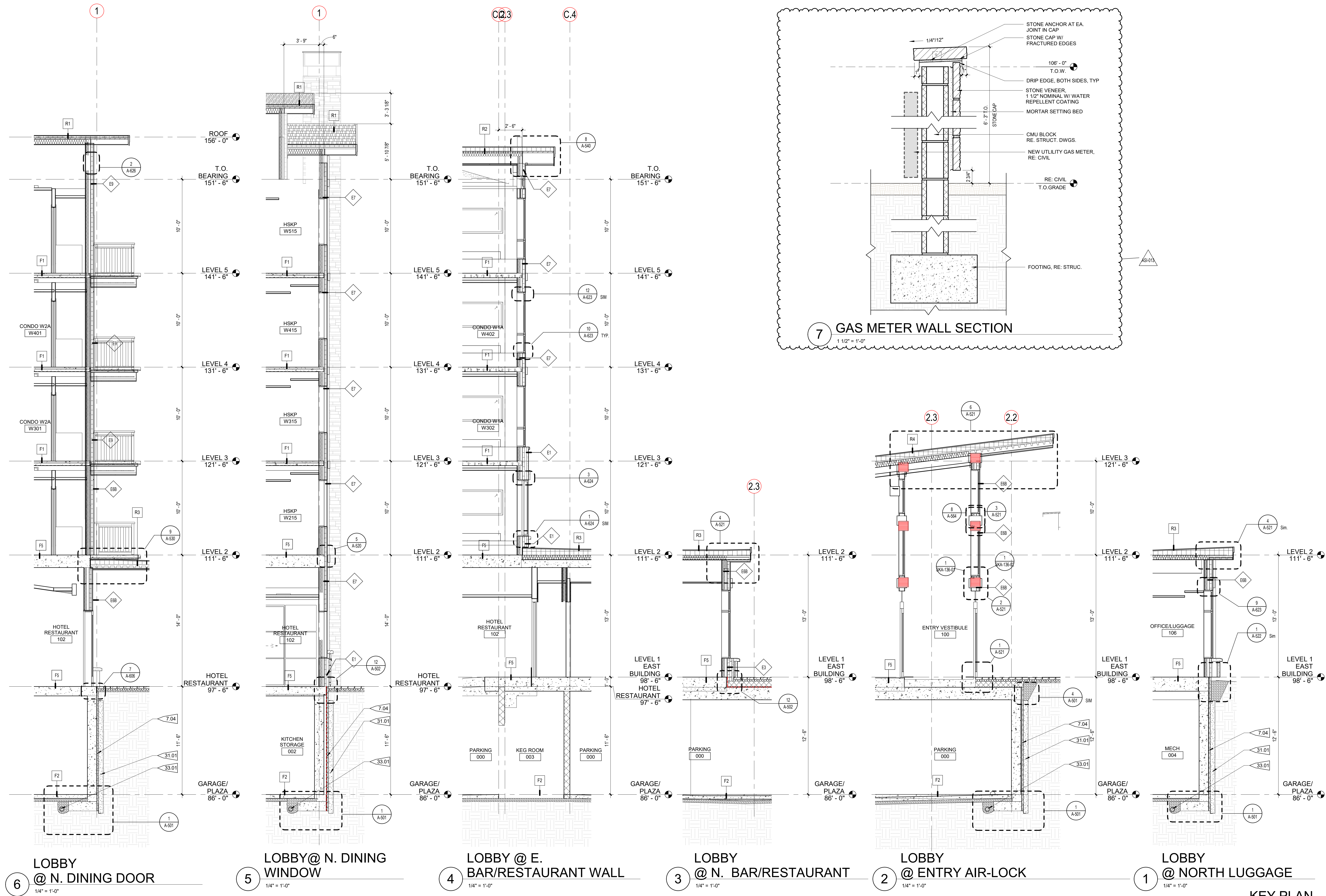
EXTERIOR MATERIAL LEGEND			
	MATERIAL 1 STONE VENEER (90% BROWN/UFF, 10% GREY MIX)		MATERIAL 5 SPLIT SANDSTONE CAP ADHERED STONE HEADER/SILL
	MATERIAL 2 VERTICAL CEMENT BOARD SIDING (NATURAL WOOD FINISH)		MATERIAL 6 GLULAM STRUCTURE/TRIM (STAINED)
	MATERIAL 3 VERTICAL CEMENT BOARD SIDING (CHARCOAL)		MATERIAL 7 STUCCO (CREAM)
	MATERIAL 4 VERTICAL T&G SIDING (STAINED CEDAR)		MATERIAL 8 ASPHALT SHINGLES (DARK GREY)

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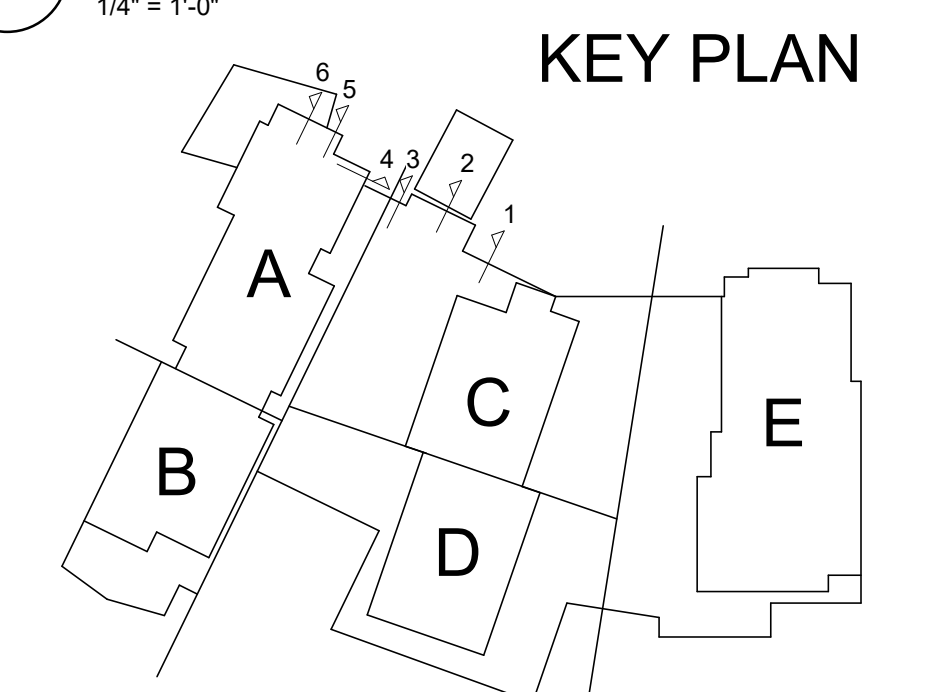
PROJECT KEYNOTES	
NO.	DESCRIPTION
7.04	RIGID INSULATION OVER DRAINAGE LAYER OVER BLINDSIDE SHEET APPLIED WATERPROOFING RE: 2/A-501
31.01	PERMANENT SHORING SYSTEM
33.01	BELOW GRADE PERIMETER FOUNDATION DRAINAGE SYSTEM, RE: SHEET A-099 AND CIVIL DRAWINGS FOR CONNECTION



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6 LOBBY @ N. DINING DOOR 1/4" = 1'-0"
 5 LOBBY @ N. DINING WINDOW 1/4" = 1'-0"
 4 LOBBY @ E. BAR/RESTAURANT WALL 1/4" = 1'-0"
 3 LOBBY @ N. BAR/RESTAURANT 1/4" = 1'-0"
 2 LOBBY @ ENTRY AIR-LOCK 1/4" = 1'-0"
 1 LOBBY @ NORTH LUGGAGE 1/4" = 1'-0"



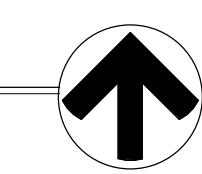
ONE RIVER RUN
75 HUNKI DORI CT.
KEystone, CO 80435

PROJ. NO: 117033.00
DRAWN: OZ
CHECKED: OZ
APPROVED: Approver
DATE: 2021-12-17
REVISIONS:
11/18/22 ADDENDUM #3
AS/013 12/20/23 AS/013

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ONE RIVER RUN
ISSUED FOR:
GMP / BUILDING PERMIT
RESUBMITTAL
SHEET TITLE:
WALL SECTIONS - PUBLIC
LOBBY
SCALE: As Indicated
SHEET NUMBER
A-319

NOTES:

1. REFER TO CIVIL AND LANDSCAPE PLANS FOR ADDITIONAL SITE WORK INFORMATION INCLUDING UTILITY CONNECTIONS AND SNOWMELT AREAS.
2. COORDINATE FINAL LOCATIONS OF SNOWMELT MANIFOLDS IN LANDSCAPE BOXES WITH ARCHITECT AND LANDSCAPE DESIGNER. COORDINATE LOCATIONS WITH IRRIGATION EQUIPMENT AND OTHER BURIED UTILITIES.
3. REFER TO M-700 SERIES FOR MECHANICAL DIAGRAMS.
4. REFER TO M-300 SERIES FOR SNOWMELT PIPING INSIDE THE BUILDING.
5. REFER TO DIAGRAMS E, N, Q, & R ON SHEET M-702 FOR SNOWMELT PIPING DIAGRAMS.
6. REFER TO DIAGRAM A SHEET M-701 FOR CLEAN OUT DIAGRAMS.



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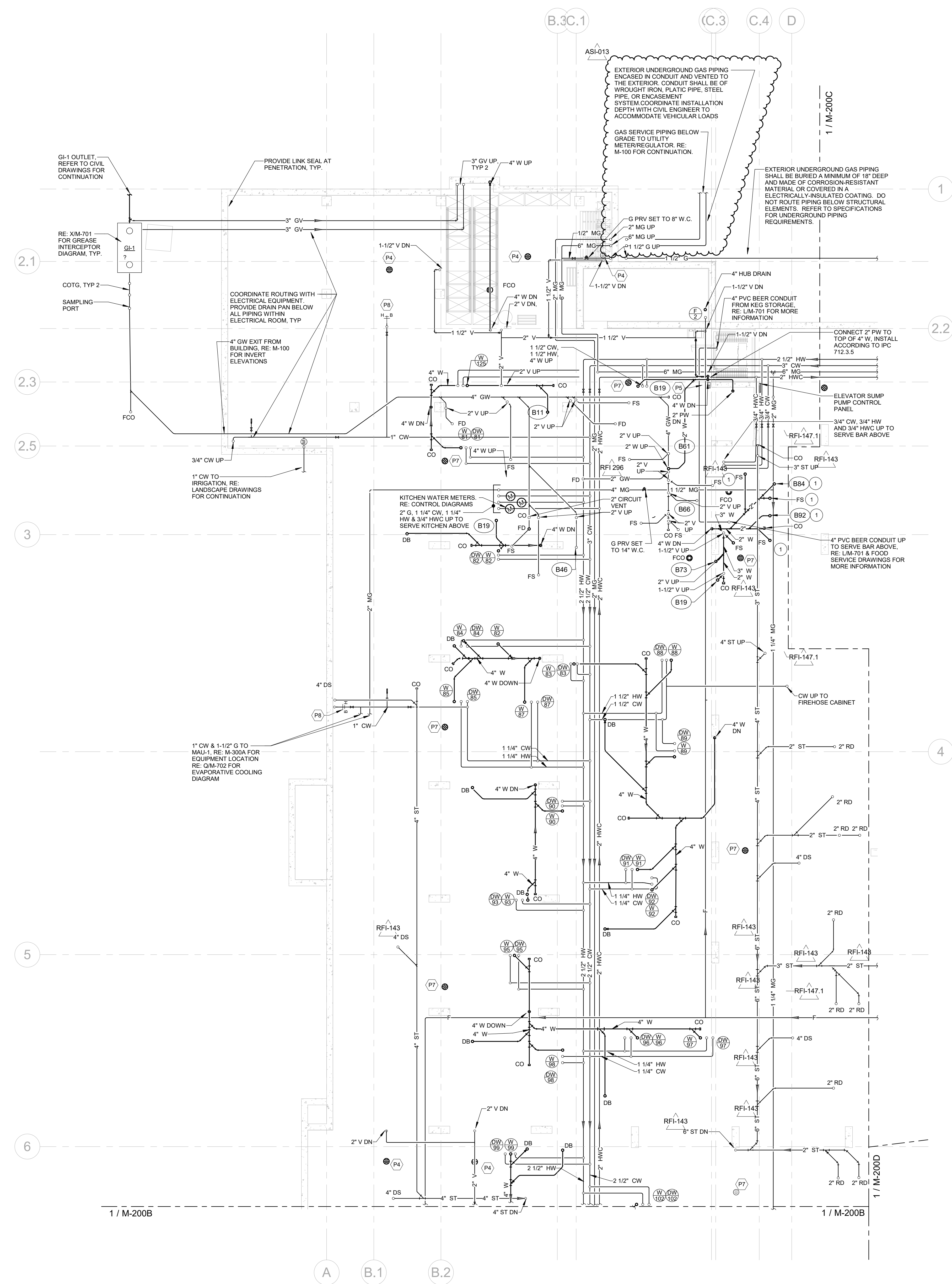
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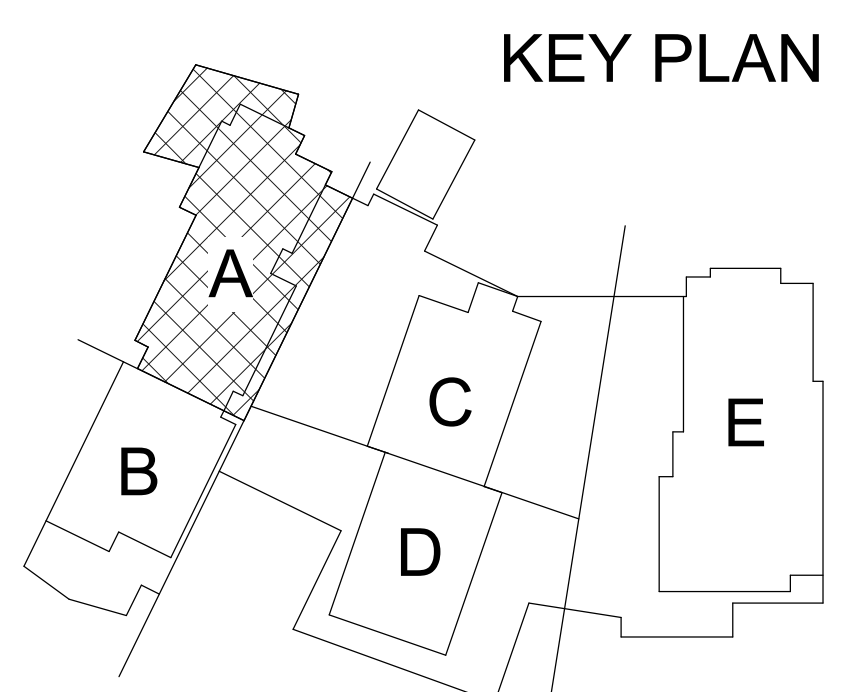
1. RE: M-200 SERIES FOR MECHANICAL DIAGRAM.
2. SEAL ALL DUCT AND PIPING PENETRATIONS OF ACOUSTICAL PARTITIONS PER THE ACOUSTICAL CONSULTANT RECOMMENDATIONS.
3. PIPING ON EXTERIOR WALLS OR PRE-CAST CONCRETE WALLS TO BE ROUTED IN FRAMED WALL ON INTERIOR SIDE OF INSULATION.
4. PROTECT PIPING ROUTED ALONG COLUMNS, WALLS, ETC. FROM DAMAGE AS NECESSARY WITH CAGES. COORDINATE WITH ARCHITECT.
5. ALL VALVES SHALL BE INSTALLED ABOVE DROP-IN CEILINGS IN ACCESSIBLE LOCATIONS, OR WITH ACCESS PANELS IN HARD-LID CEILINGS.
6. REFER TO THE PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPE SIZES TO INDIVIDUAL FIXTURES.
7. NOT ALL REQUIRED CLEANOUTS ARE NECESSARILY SHOWN ON THESE PLANS. PROVIDE CLEANOUTS ON WASTE, VENT AND STORM PIPING AS REQUIRED BY CODE AND FOR REASONABLE MAINTENANCE BASED ON ACTUAL FIELD INSTALLATION. COORDINATE LOCATIONS WITH ARCHITECT/ENGINEER.
8. INSTALL THERMOSTATIC MIXING VALVES, ASSE 1070 LISTED, AT EACH PUBLIC HANDWASHING LAVATORY/SINK. SIZE TO MATCH HW PIPE SIZE.
9. ROUTE DOMESTIC HOT WATER RECIRC TO WITHIN 21 FEET OF ALL HOT WATER FIXTURES. CONNECT WITHIN 2 FEET OF PUBLIC LAVATORY FAUCETS.
10. EXPOSED SOIL OR WASTE PIPING SHALL NOT BE INSTALLED ABOVE ANY WORKING, STORAGE, OR EATING SURFACES IN FOOD SERVICE ESTABLISHMENTS.
11. REFER TO M-600 SERIES DRAWINGS FOR WASTE/VENT, DOMESTIC WATER, AND CONDENSER WATER/CONDENSATE RISER DIAGRAMS.
12. IF SYMBOL DESIGNATES KITCHEN EQUIPMENT IDENTIFIER. REFER TO FS DRAWINGS FOR REQUIREMENTS. COORDINATE ALL KITCHEN AND BAR REQUIREMENTS WITH KITCHEN EQUIPMENT CONTRACTOR. PLUMBING CONTRACTOR SHALL REFERENCE FOOD SERVICE DRAWINGS AND SHALL COORDINATE ANY DISCREPANCIES BETWEEN FOOD SERVICE DRAWINGS AND PLUMBING DRAWINGS. REFER TO FS DRAWINGS FOR EXACT EQUIPMENT REQUIREMENTS AND ROOM/HI LOCATIONS.
13. CONTRACTOR TO MAINTAIN 8'-2" CLEAR HEAD HEIGHT IN GARAGE AND INFORM THE ENGINEER AND ARCHITECT OF ANY AREAS THAT MAY NOT MEET 8'-2" PRIOR TO INSTALLATION.
14. ALL CLEANOUTS AND DRAINS INSTALLED IN TRAFFIC AREAS SHALL BE RATED FOR TRAFFIC LOADS.

FLAG NOTES:

1. ROUTE 2" V UP TO AIR ADMITTANCE VALVE (STUDDOR OR APPROVED EQUAL) LOCATED IN VENTED WALL BOX (IPS OR SIMILAR) ON INTERIOR SIDE OF BAR DIE-WALL ABOVE.



GARAGE PLUMBING PLANS - AREA A
SCALE: 1/8" = 1'-0"



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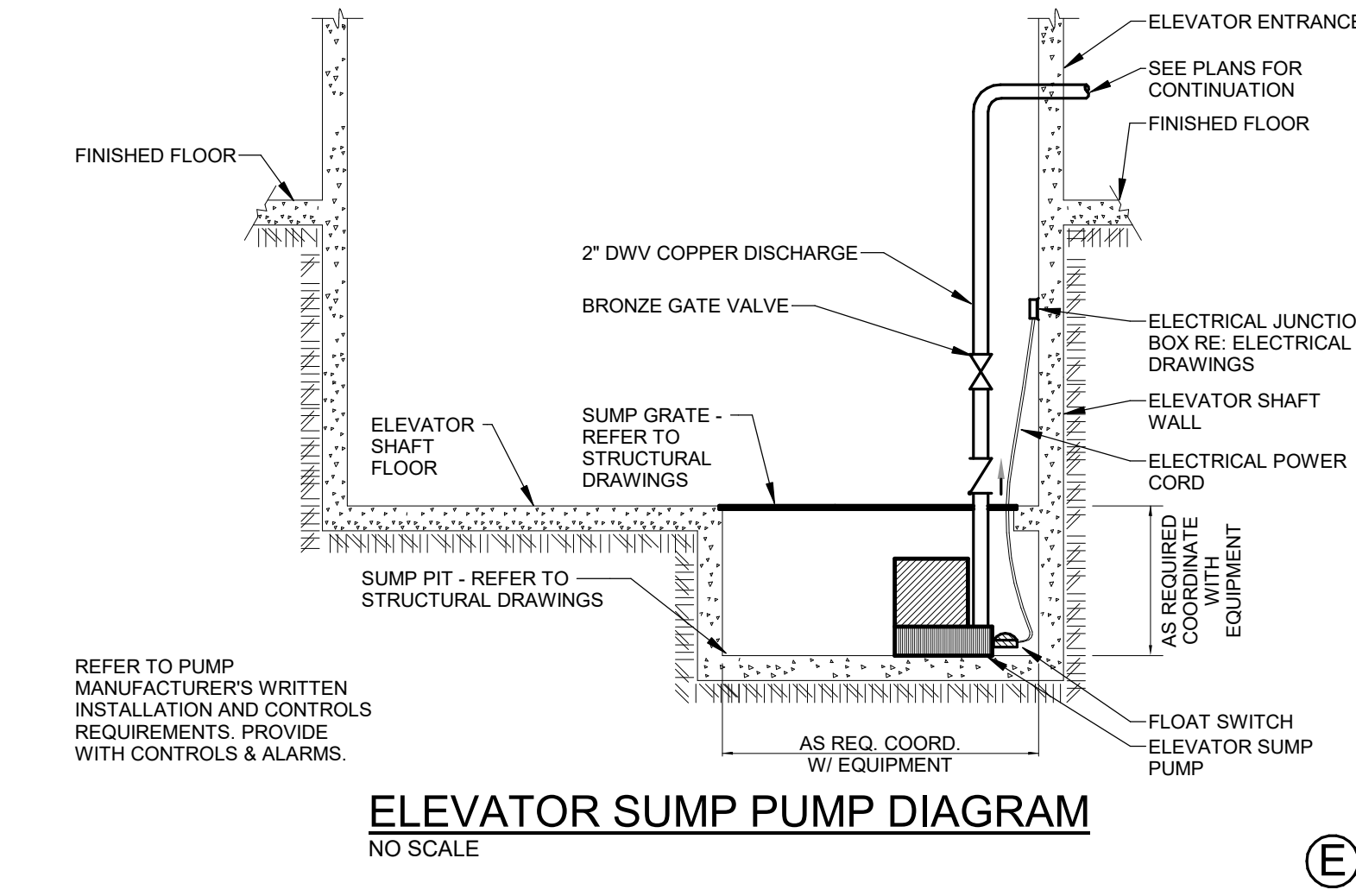
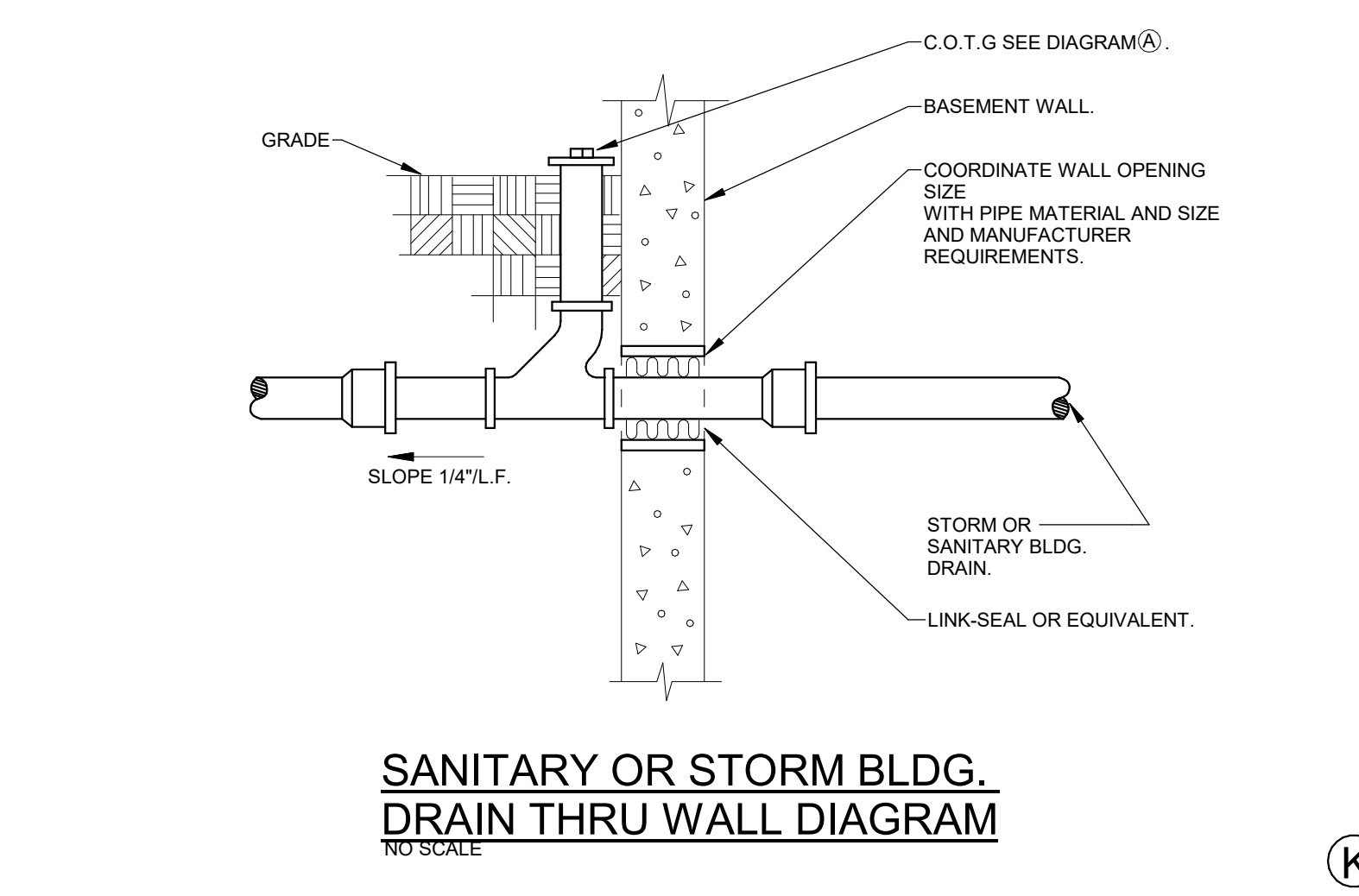
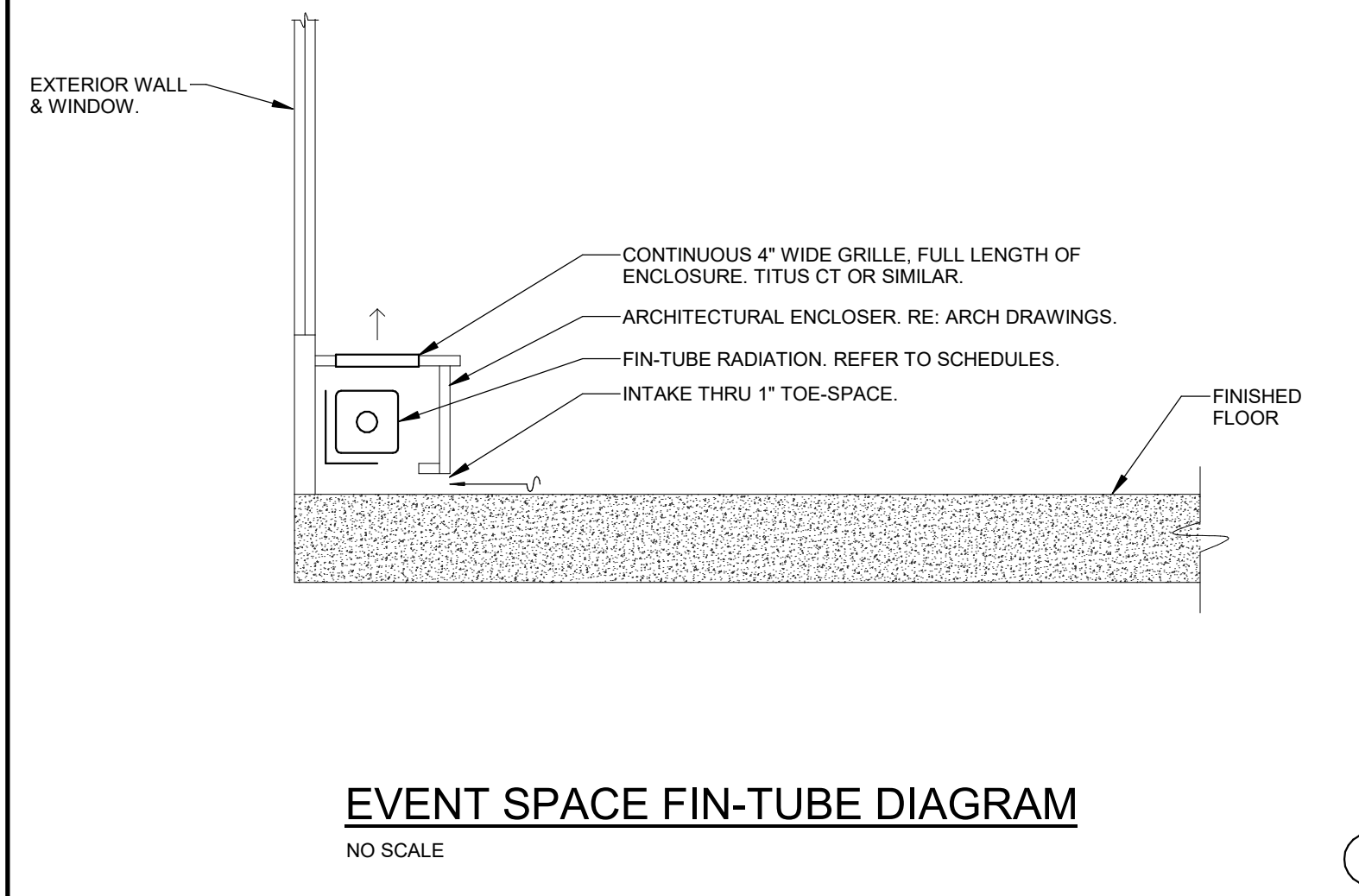
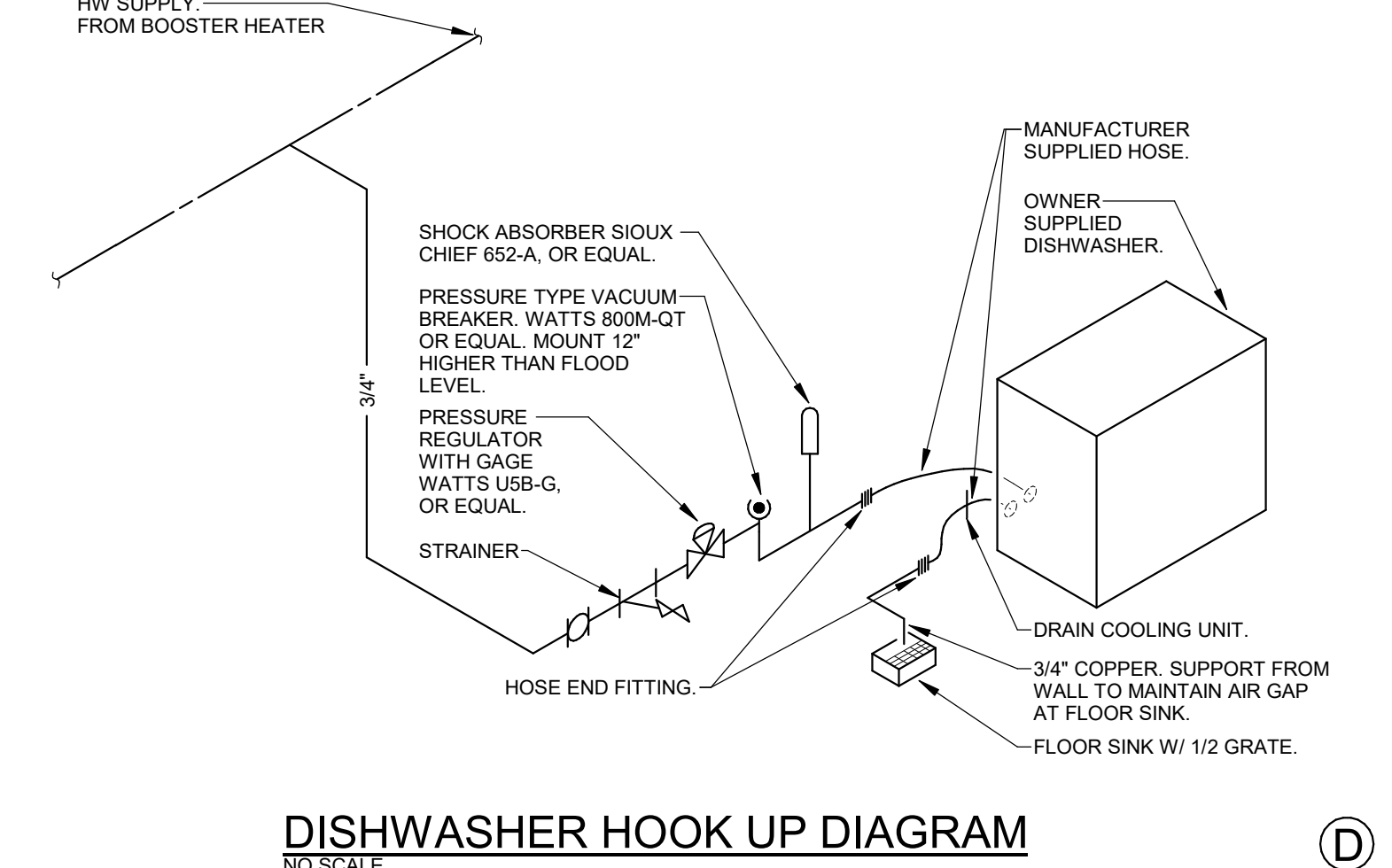
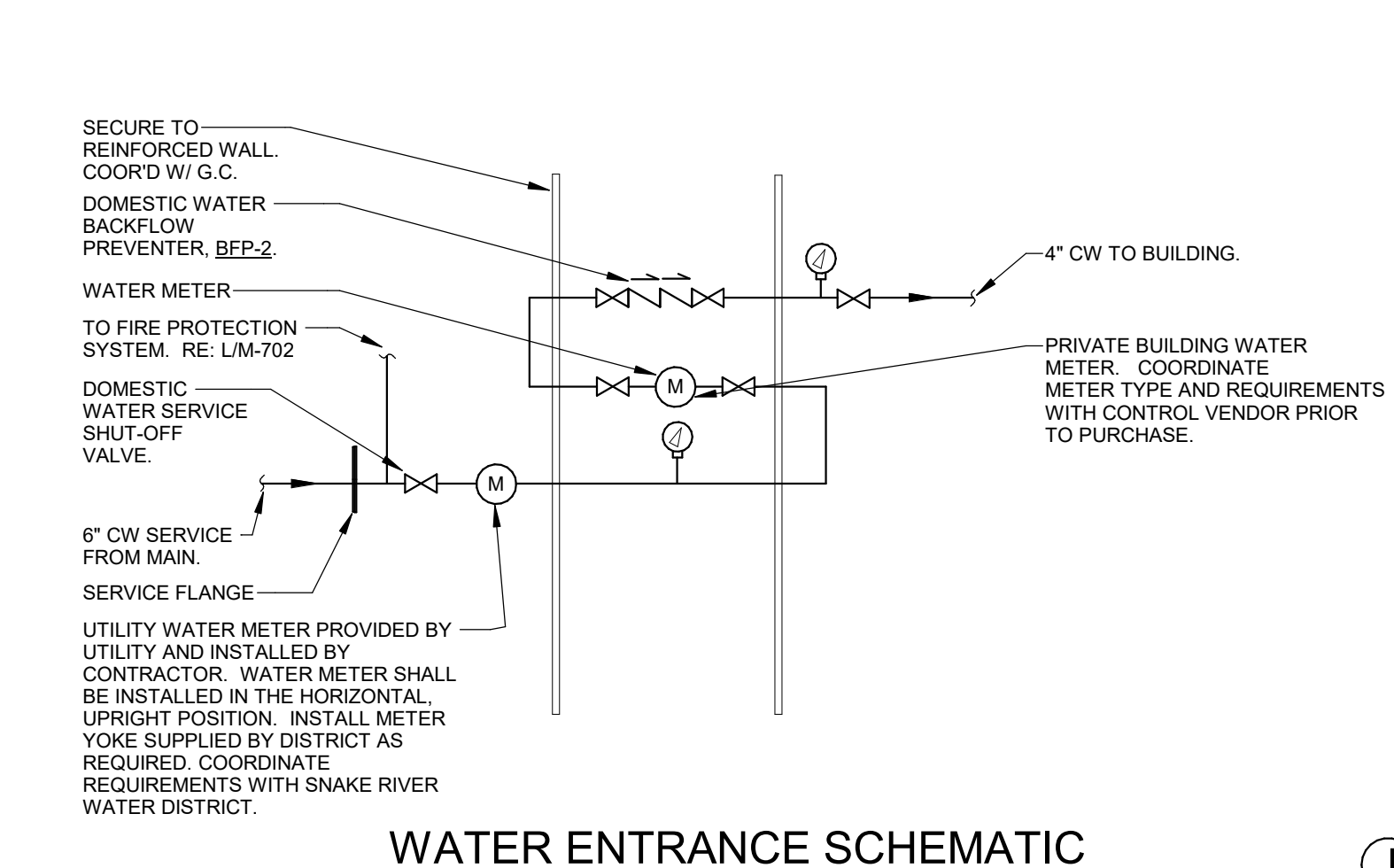
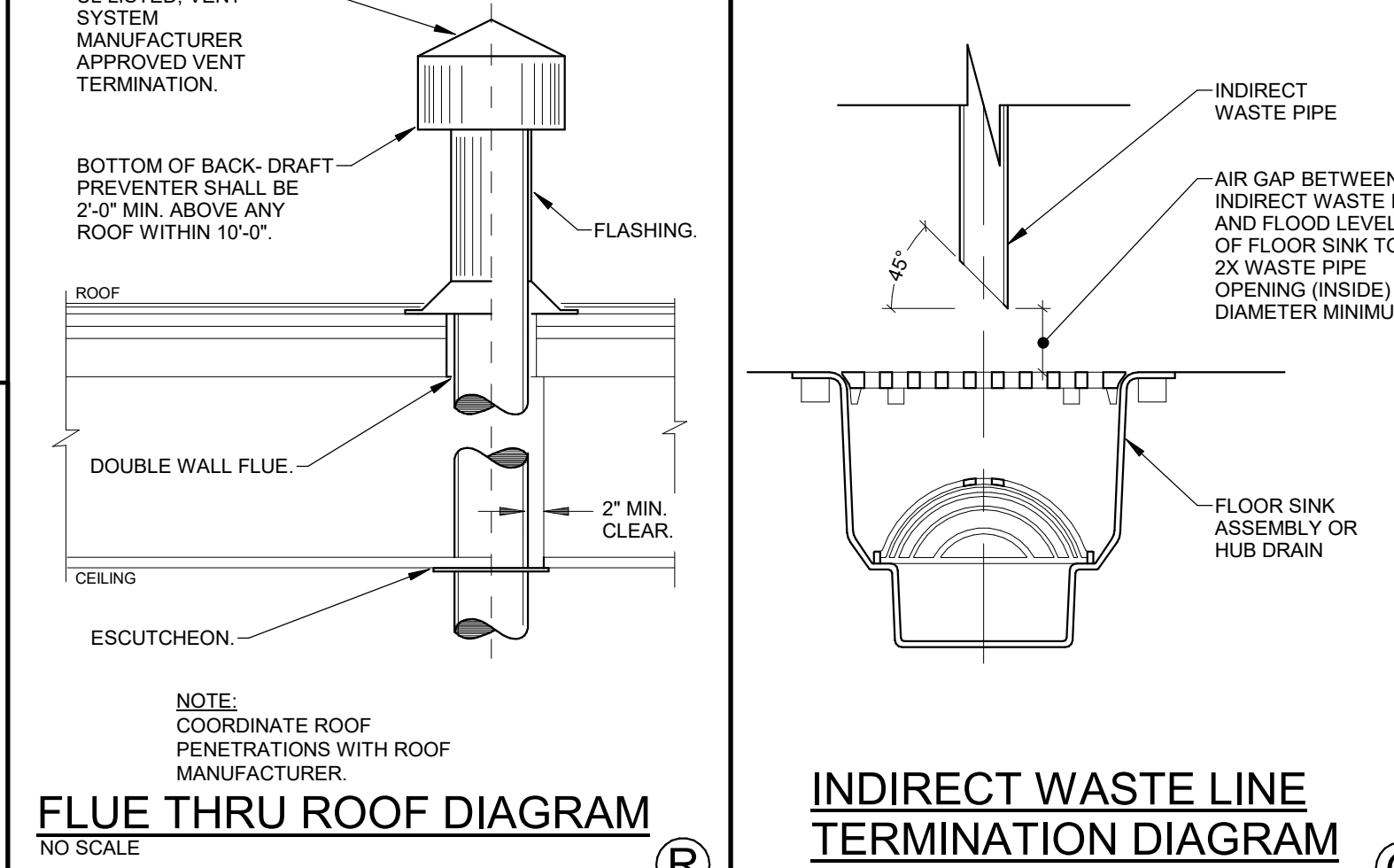
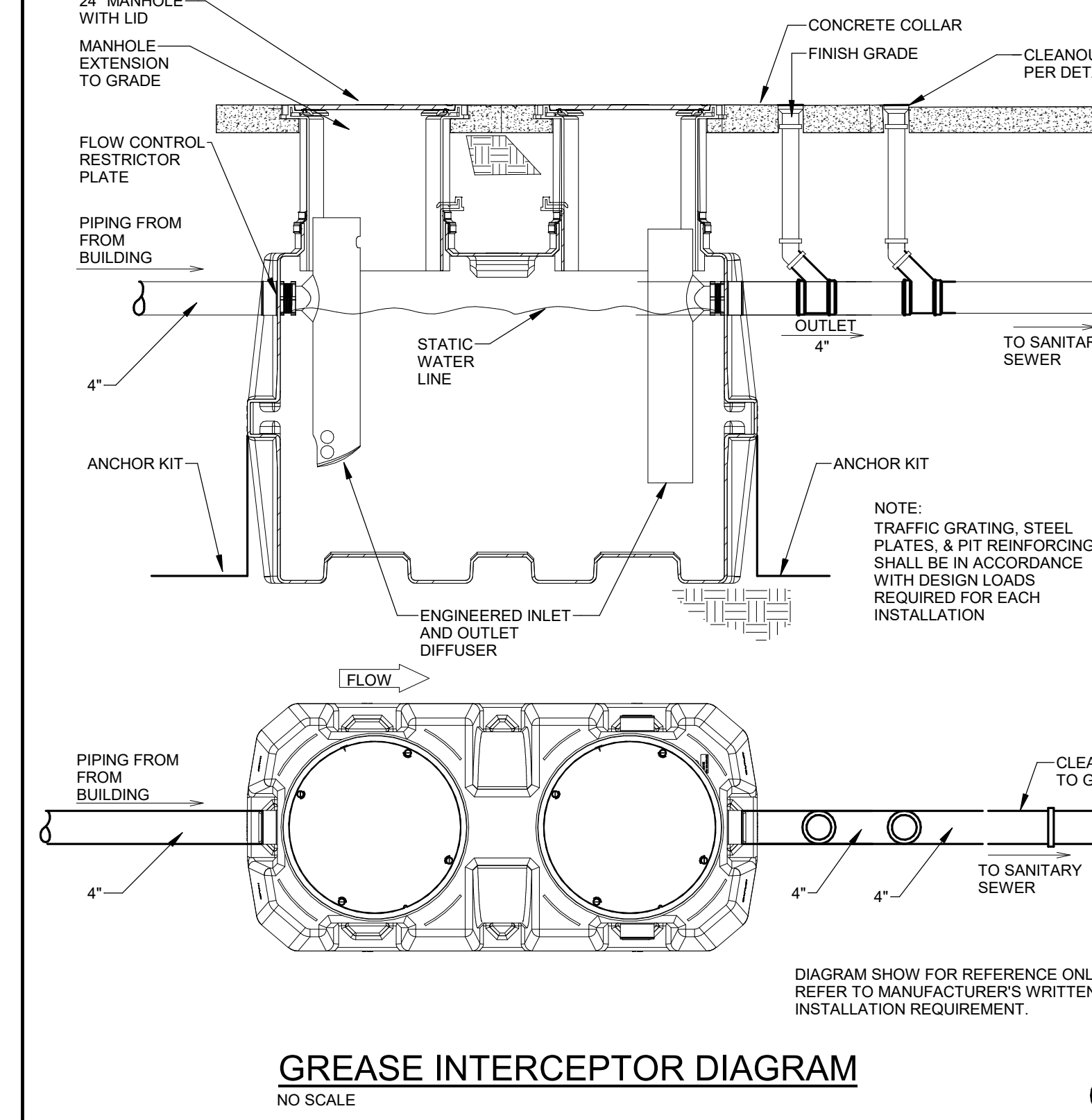
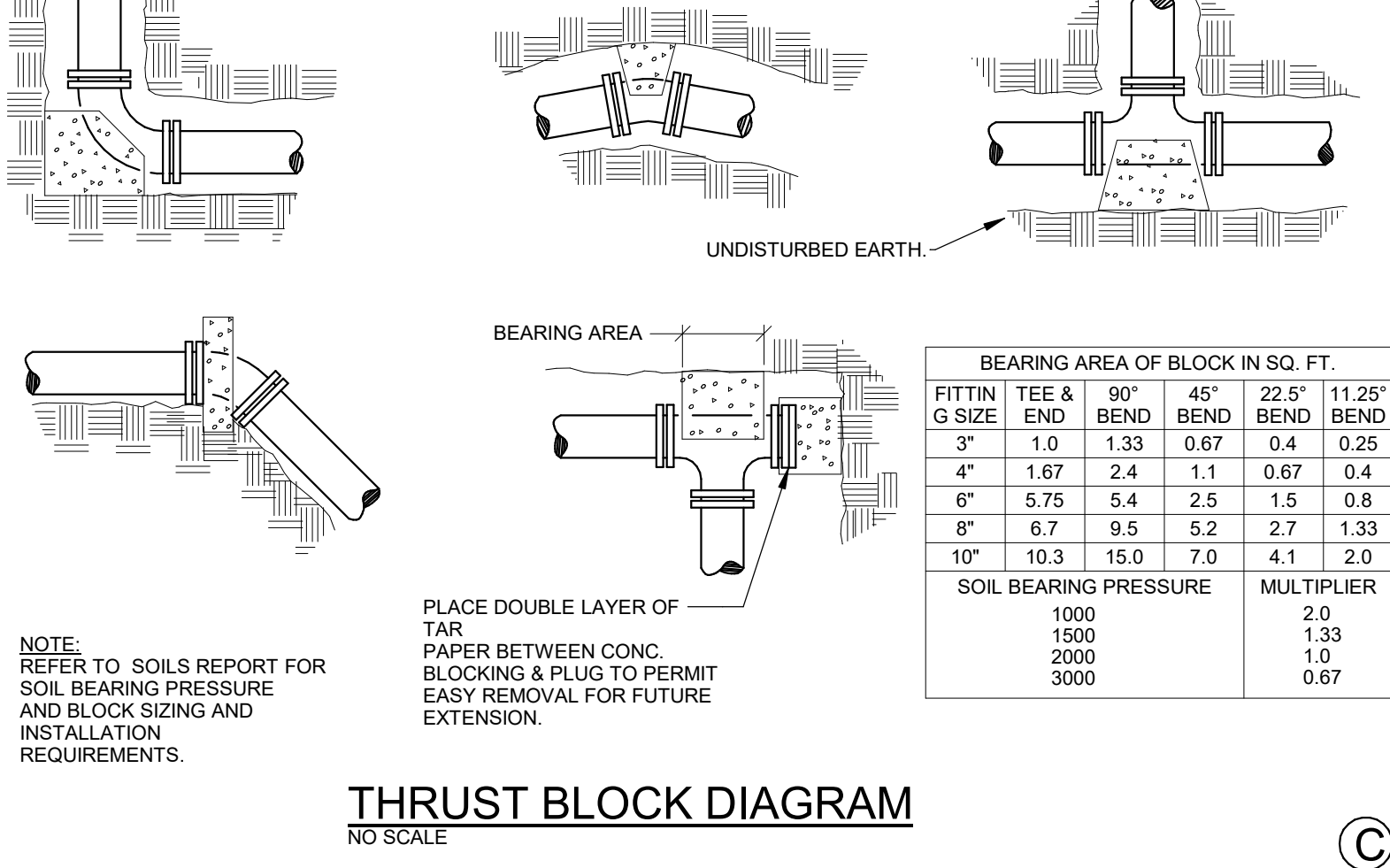
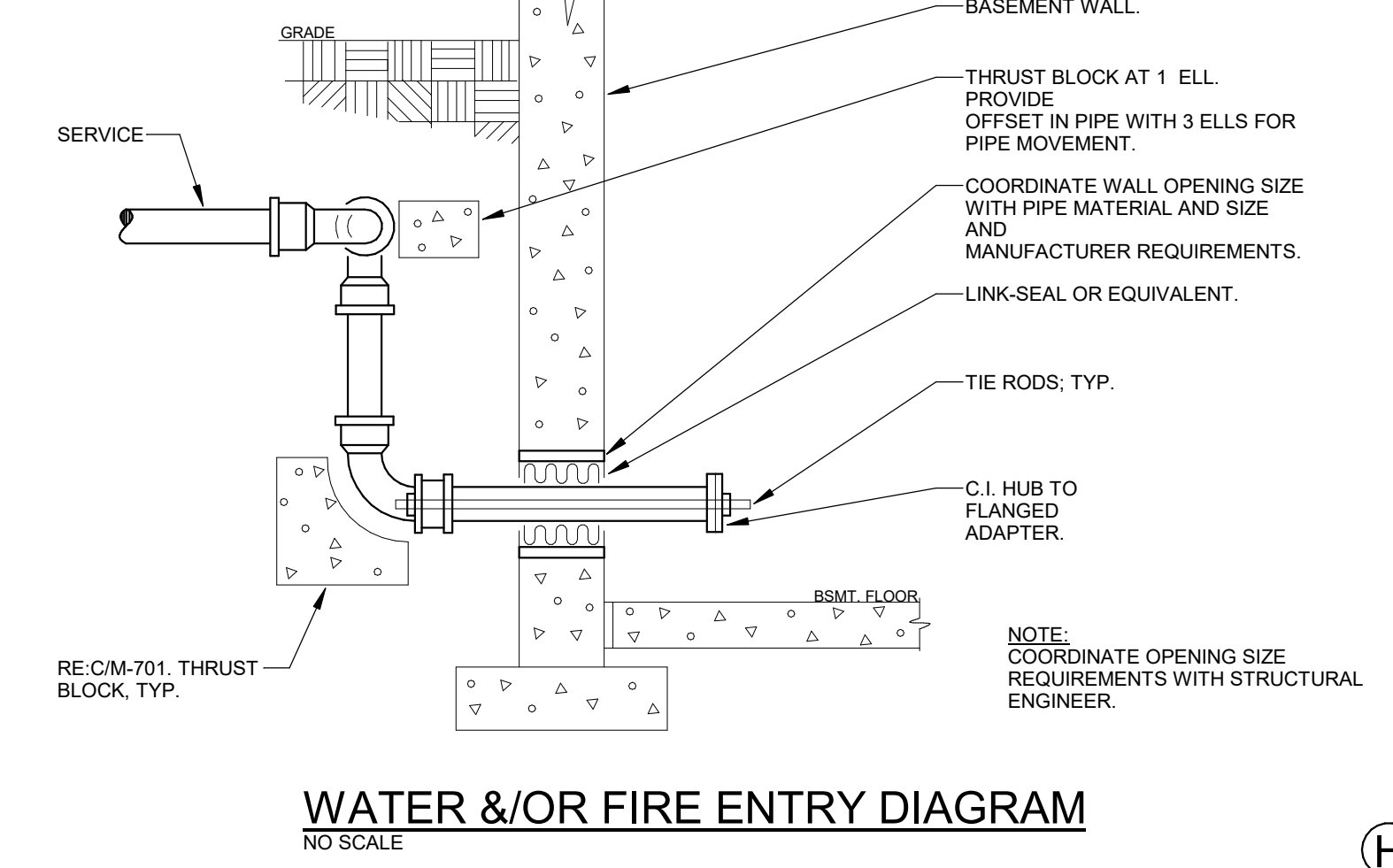
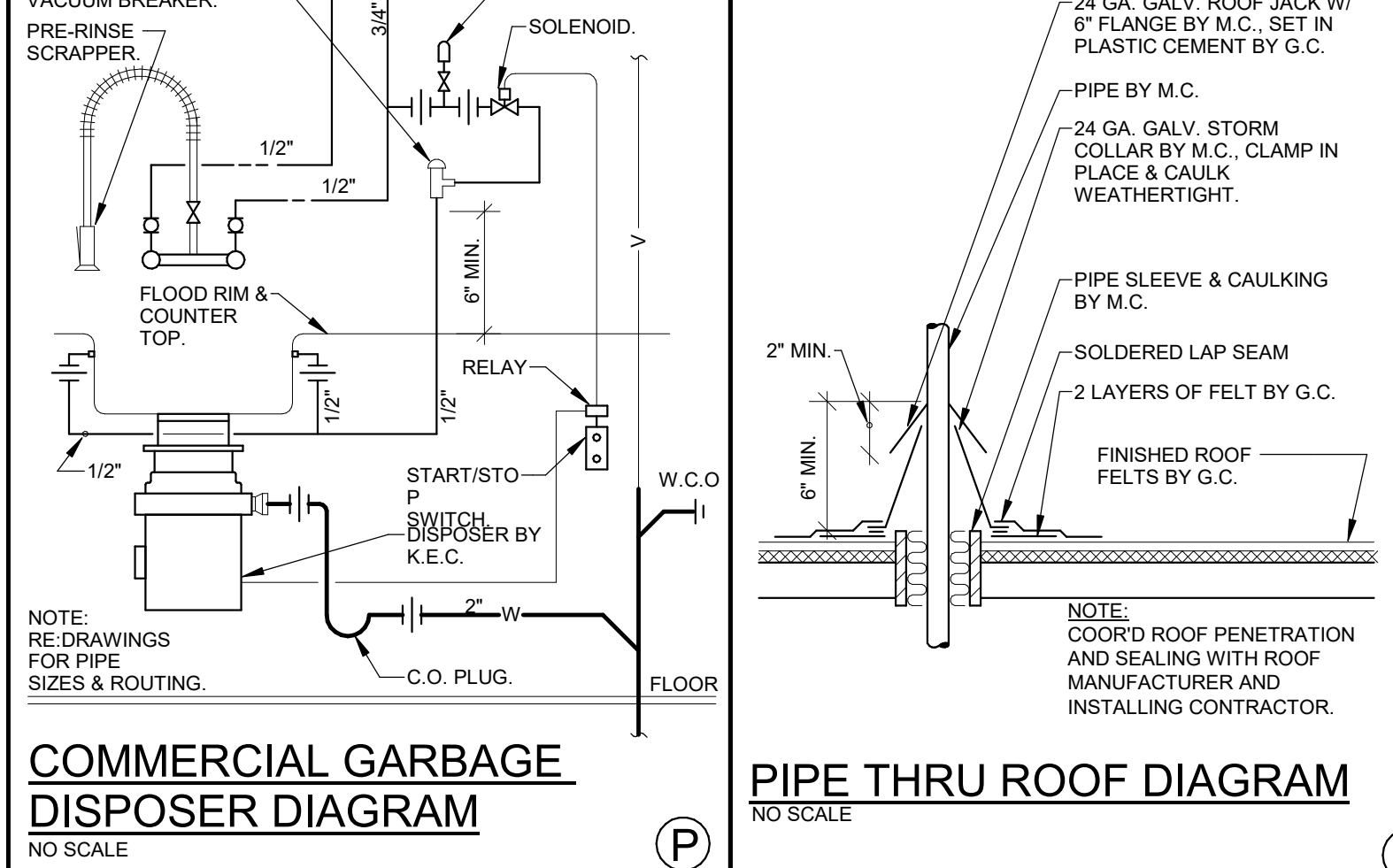
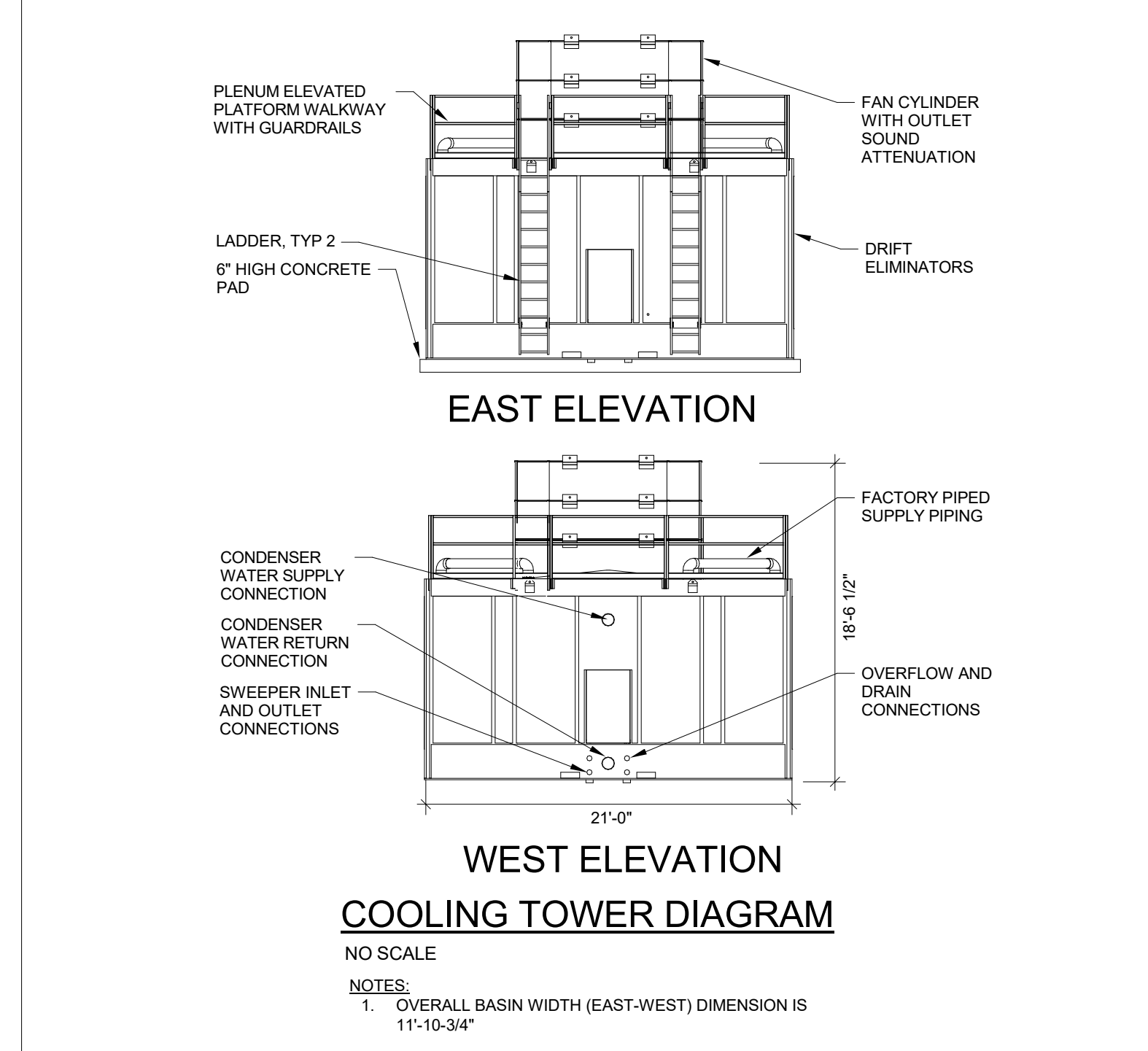
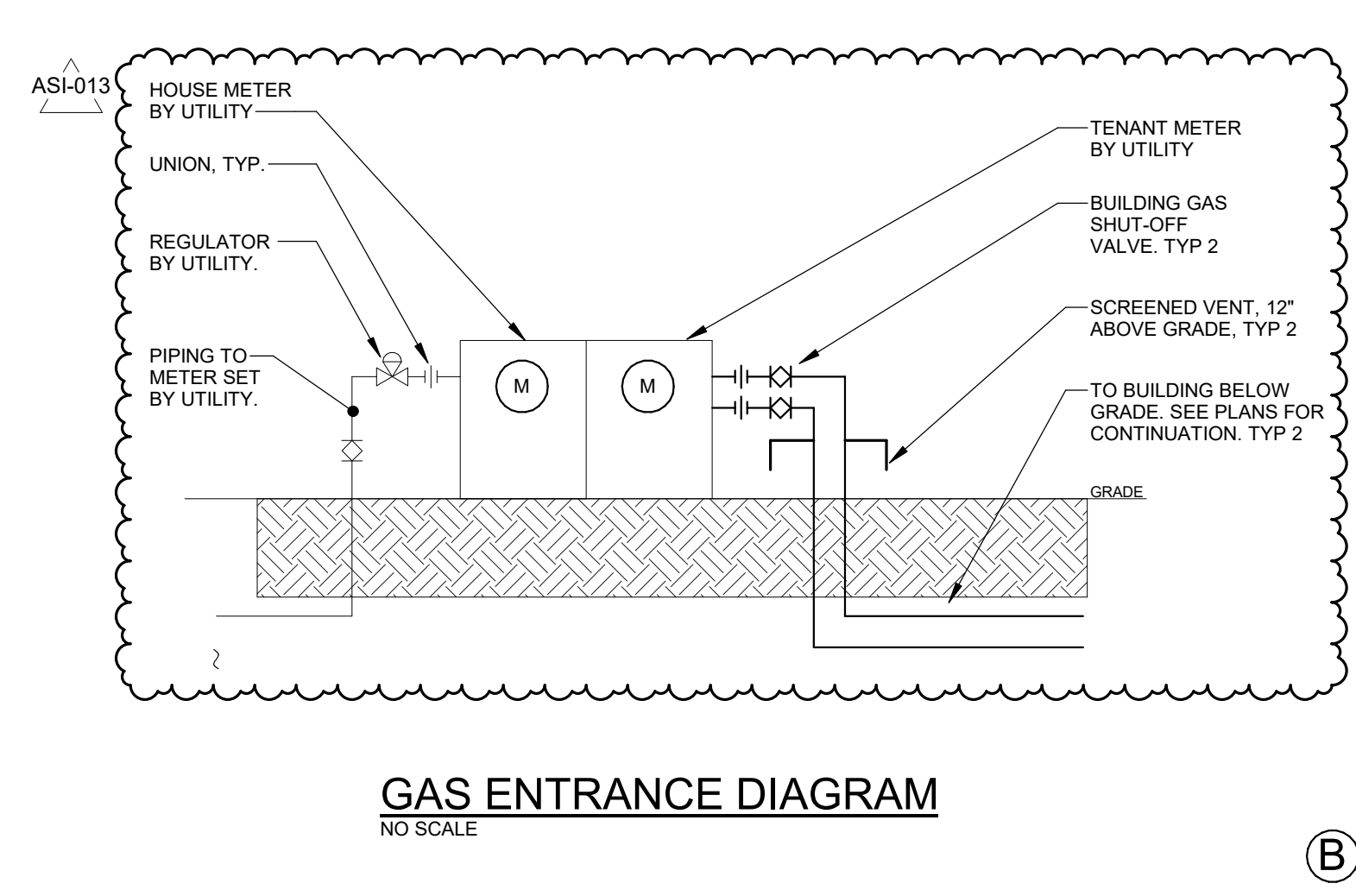
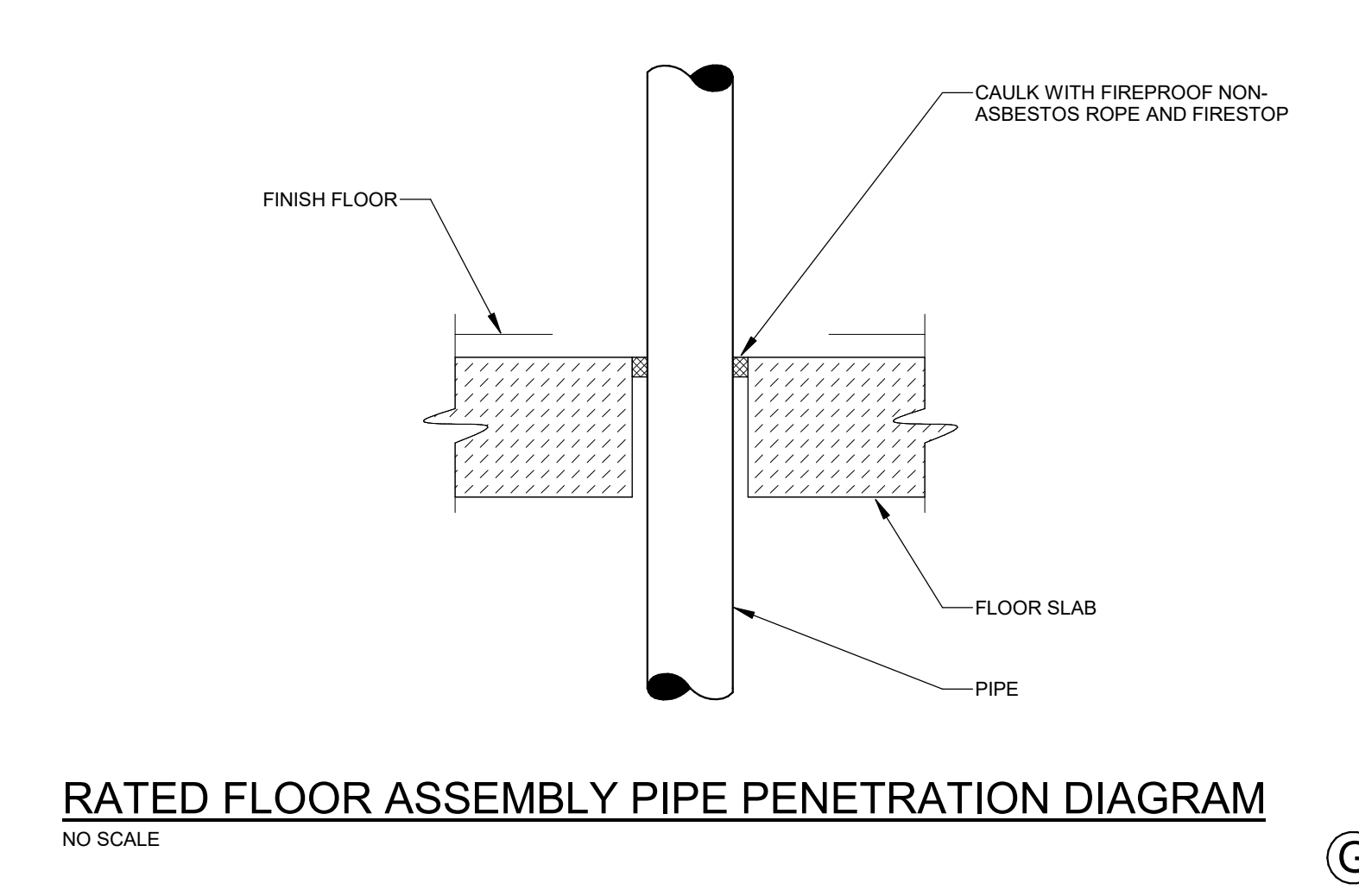
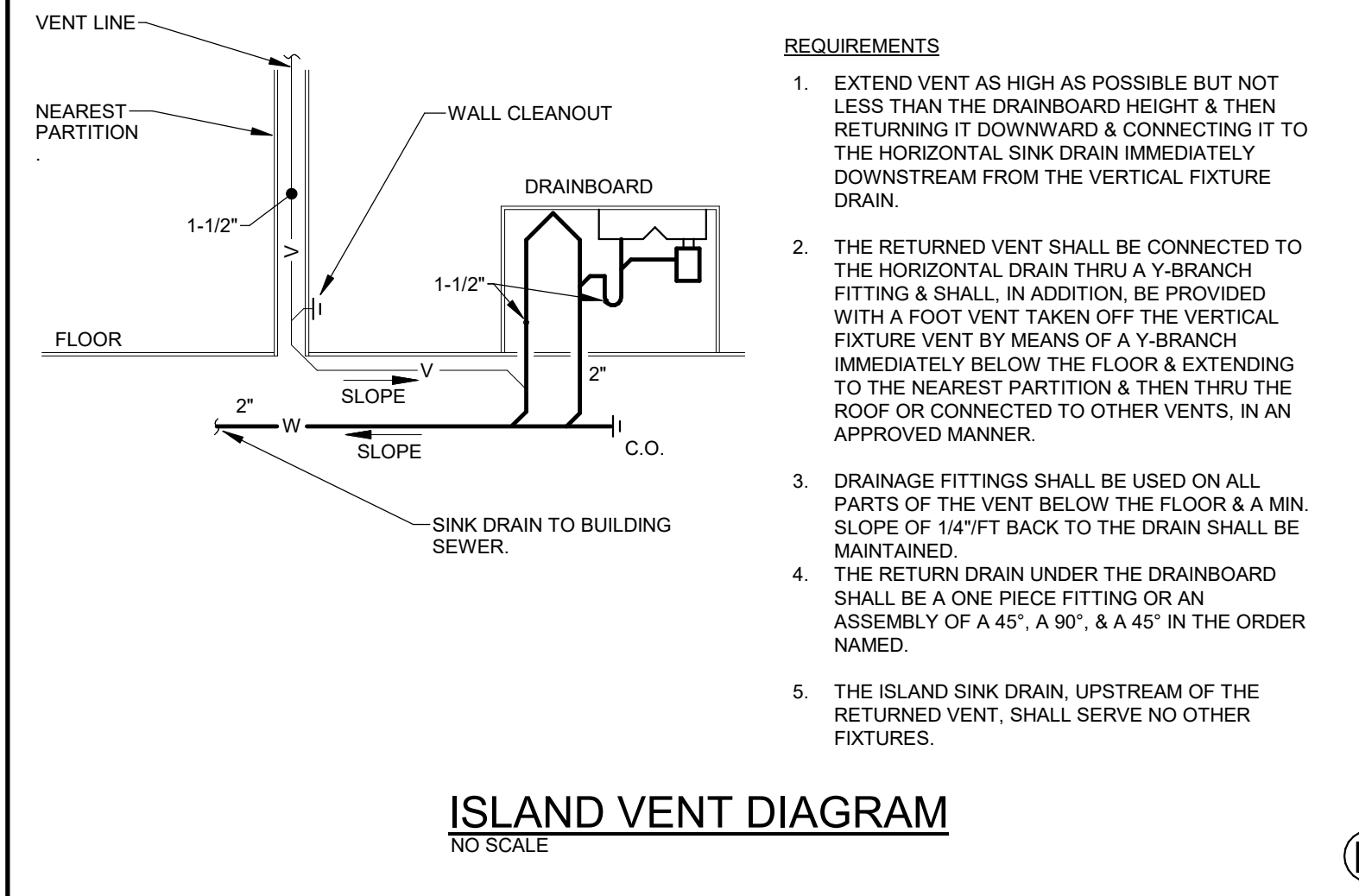
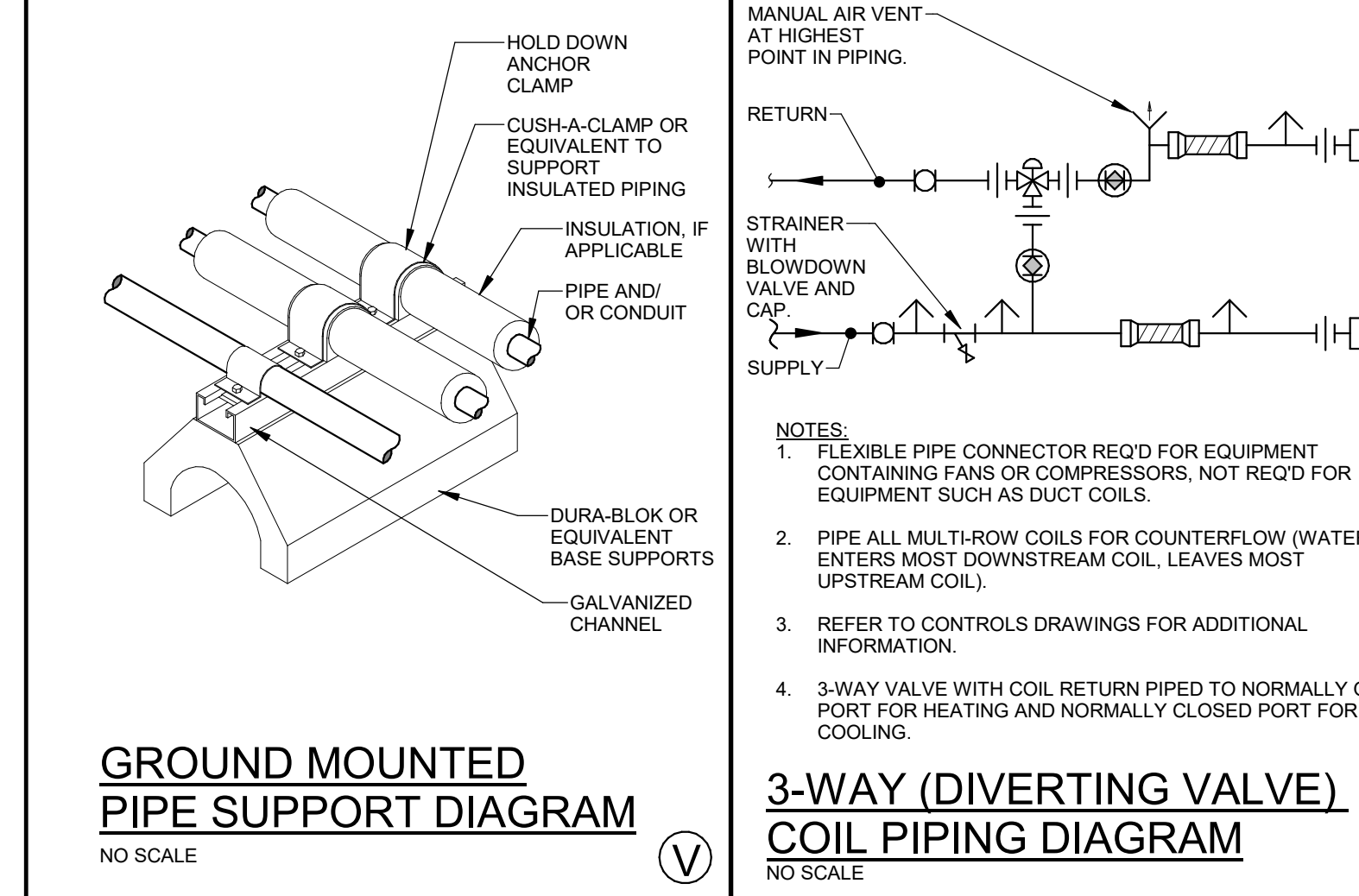
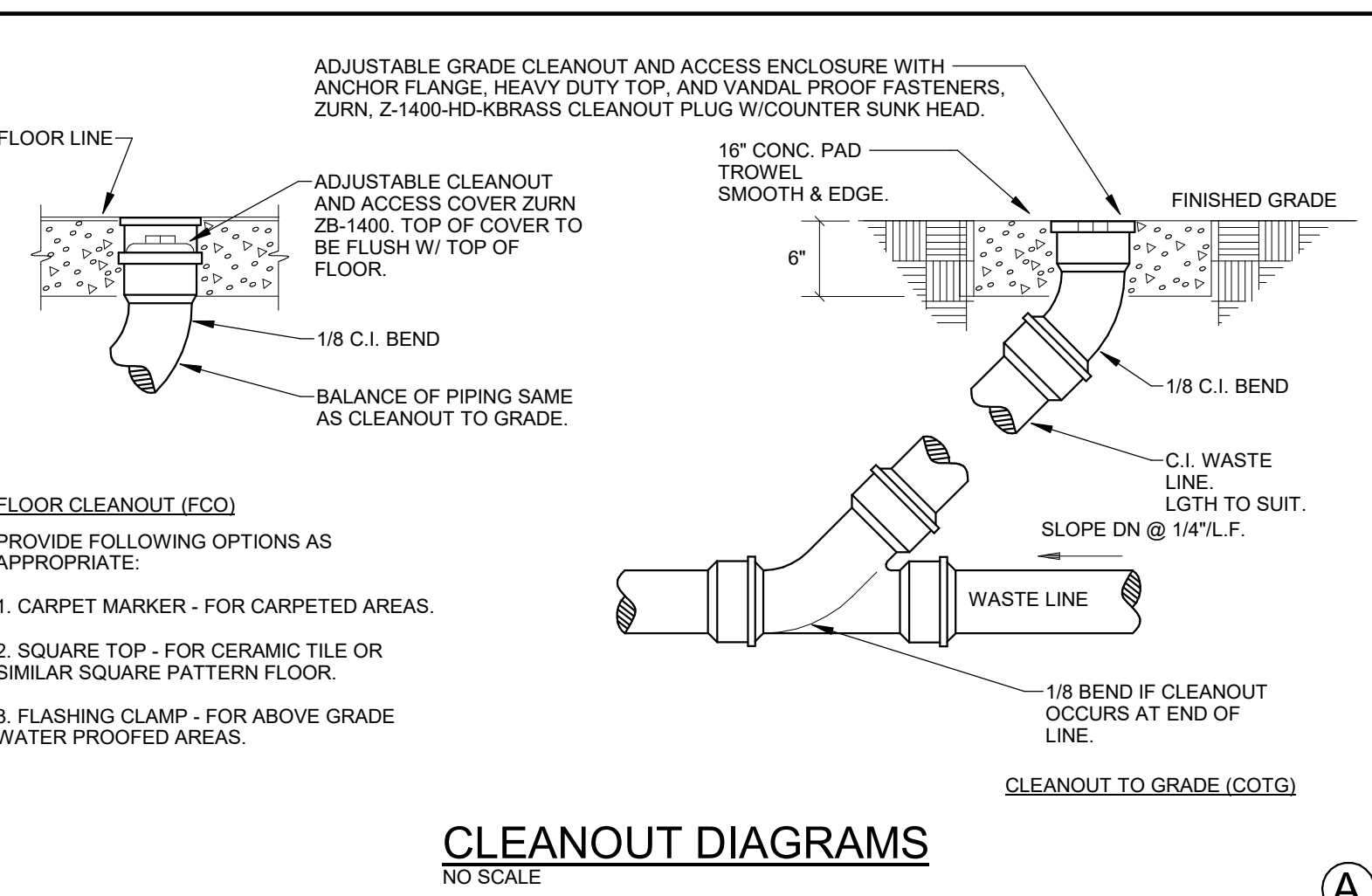
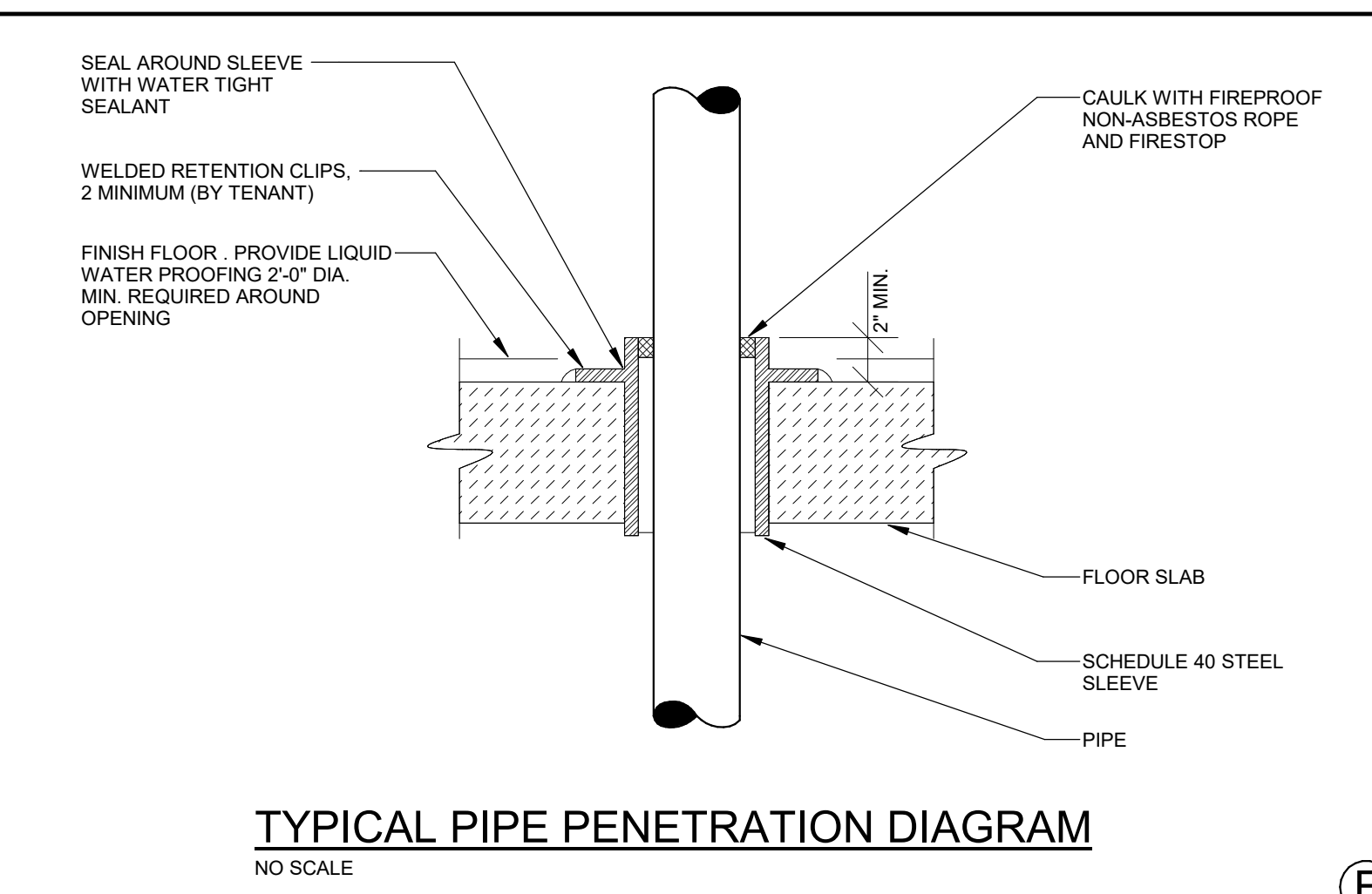
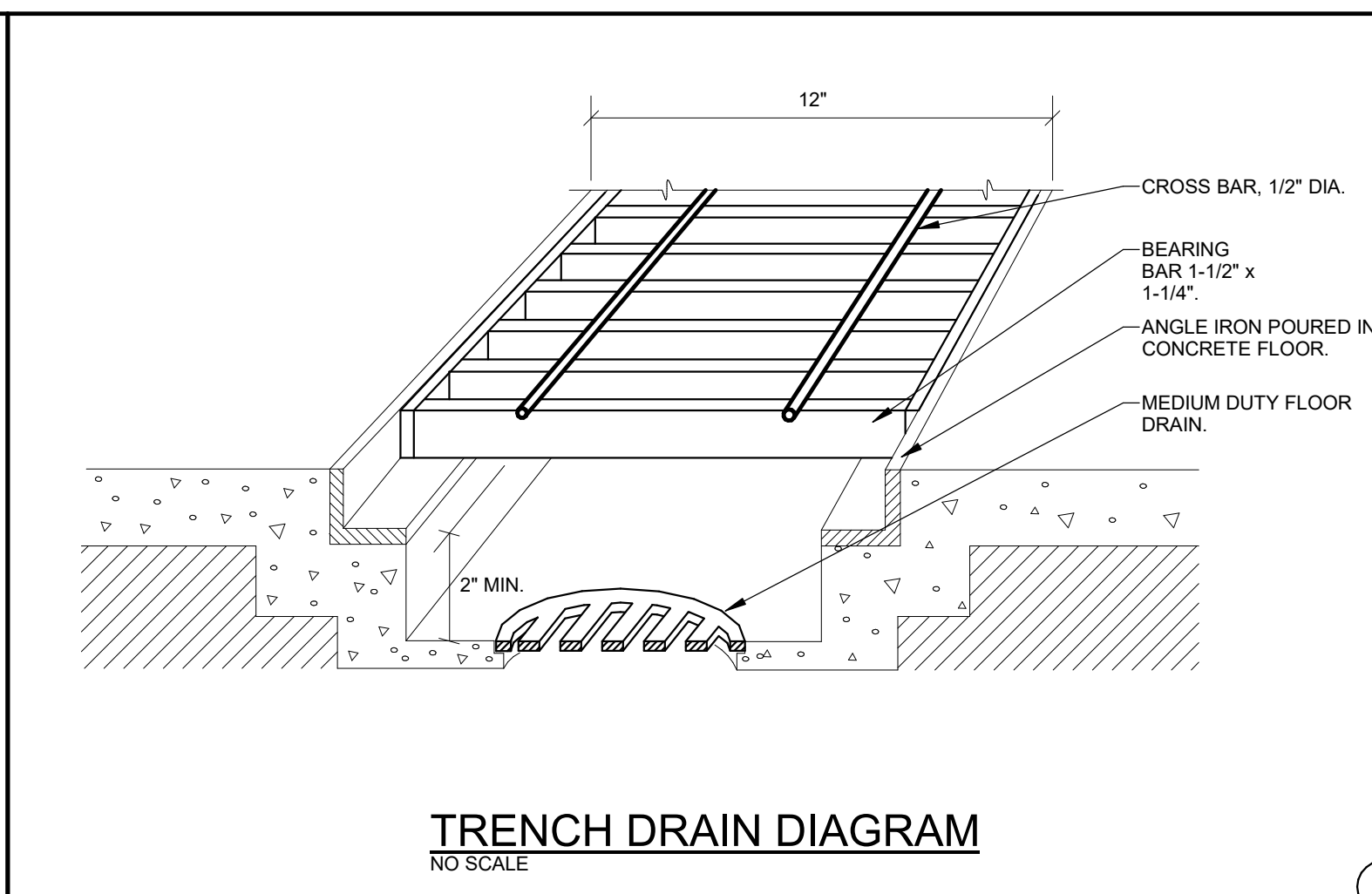
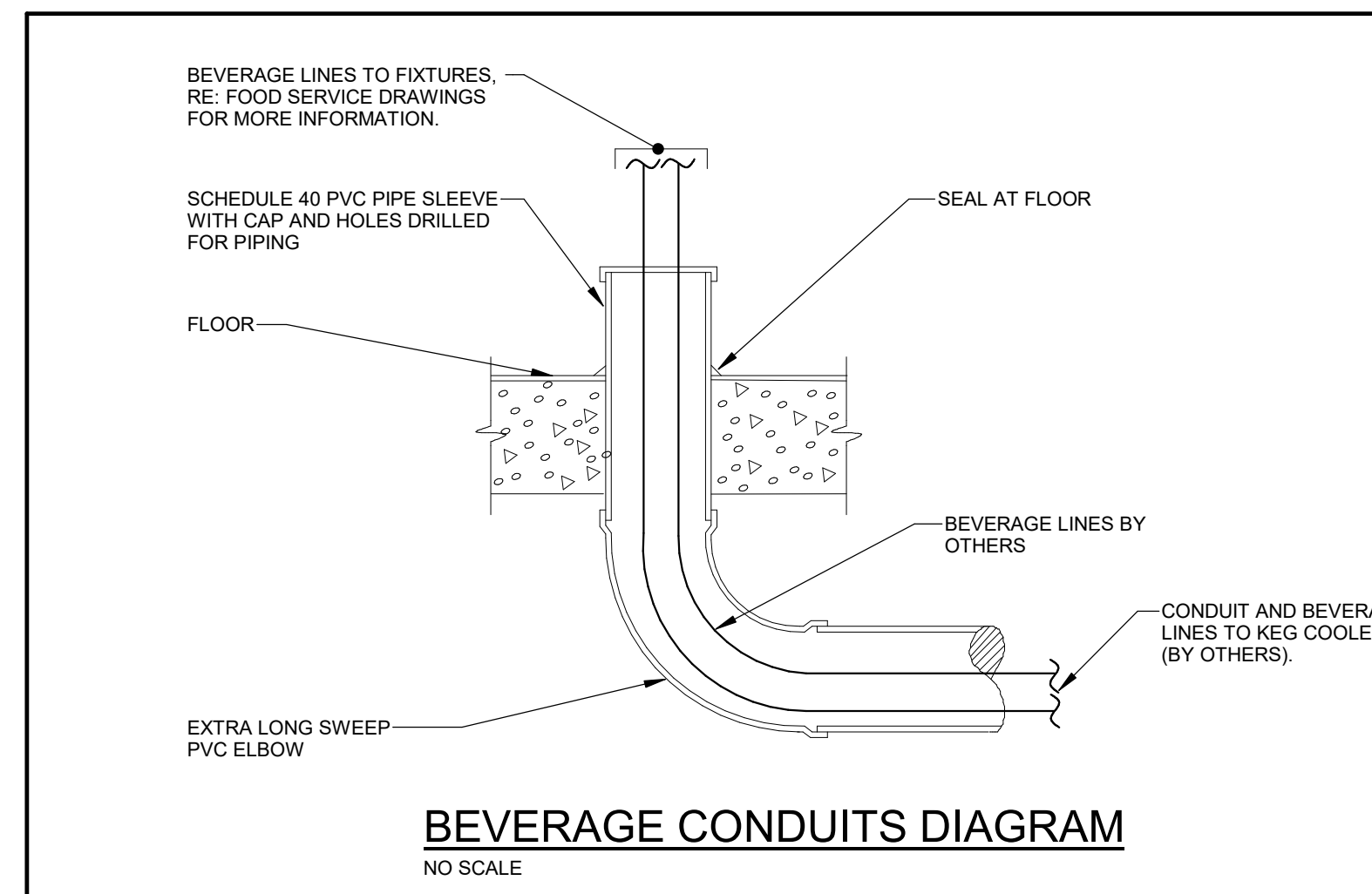
PROJ. NO. 117033.00
DRAWN: ANS
CHECKED: RSD
APPROVED: BDS
DATE: 2023-02-17

1	11/12/21	BUILDING PERMIT RESUBMITTAL
6	07/08/22	ADDENDUM #1
8	11/16/22	ADDENDUM #3
9	11/29/22	RFI-143
RFI-296	03/01/23	RFI-296
19	03/15/23	RFI-147.1
33	04/24/23	RFI-142

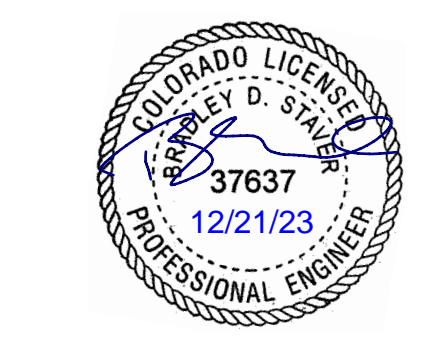
ONE RIVER RUN
ISSUED FOR:
GMP/PERMIT

SHEET TITLE:
GARAGE PLUMBING
PLAN - AREA A

SCALE: 1/8" = 1'-0"
SHEET NUMBER
M-200A



OZ ARCHITECTURE
3003 Larimer Street
Denver, Colorado 80205
phone 303.861.5704
www.ozarch.com



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ONE RIVER RUN
75 HUNKI DORI CT.
KEYSTONE, CO 80435

PROJ. NO. 117033.00
DRAWN: ANS
CHECKED: RSD
APPROVED: BDS
DATE: 2023-02-17

ISSUED FOR:
GMP/PERMIT

SHEET TITLE:
MECHANICAL
DIAGRAMS

SCALE: NONE
SHEET NUMBER

M-701

Branch Panel: LPOC5													
Location: ELEC 051		Volts: 120/208 Wye		A.I.C. Rating: 42,000		Bus Rating: 400A		MLO or MCB: MCB		MCB Rating: 300 A			
Supply From: TLPOC5		Phases: 3		Wires: 4		MLO or MCB: MCB		MLO or MCB: MCB		MLO or MCB: MCB			
Mounting: Surface		Enclosure: Type 1		Enclosure: Type 1		Enclosure: Type 1		Enclosure: Type 1		Enclosure: Type 1			
NO.	LOAD DESCRIPTION	TYPE	POLE	TRIP	A	B	C	TRIP	POLE	TYPE	LOAD DESCRIPTION	NO.	
1	HP-29	M	2	35A	1997	2580		50A	2	M	HP-17	4	
2	HP-44	M	2	20A				20A	2	M	HP-14	6	
3					458	583						7	
9	DISH MACHINE	A	2	20A		3330	2840		20A	2	A	COFFEE BREWER	10
11	DISPLAY SCREEN	A	1	20A	240	1440			20A	1	R	BOOT DRIVERS	14
15	DISPLAY SCREEN	A	1	20A		240	1440		20A	1	R	BOOT DRIVERS	16
17	DISPLAY SCREEN	A	1	20A		240	1440		20A	1	R	BOOT DRIVERS	18
19	BACK BAR REF	A	1	20A	660	1440			20A	1	R	BOOT DRIVERS	20
21	HOT H2O DISPENSER	A	1	20A		1356	1440		20A	1	R	BOOT DRIVERS	22
23	INFUSED H2O DISP	A	1	20A		1920	900		20A	1	R	BOOT DRIVERS	24
25	BACK BAR REF	A	1	20A	660	1440			20A	1	R	BOOT DRIVERS	26
27	DISPLAY SCREEN	A	1	20A		240	1440		20A	1	R	BOOT DRIVERS	28
29	DISPLAY SCREEN	A	1	20A		240	1260		20A	1	R	BOOT DRIVERS	30
31	DISPLAY SCREEN	A	1	20A	240	1440			20A	1	R	BOOT DRIVERS	32
33	REF UC	A	1	20A		156	1440		20A	1	R	BOOT DRIVERS	34
35	REF UC	A	1	20A		156	1260		20A	1	R	BOOT DRIVERS	36
37	HAND SINK	A	1	20A	120	1440			20A	1	R	BOOT DRIVERS	38
39	BEER PUMP SYSTEM	A	1	20A		2052	1440		20A	1	R	BOOT DRIVERS	40
41	POS SYSTEM	A	1	20A		500	1080		20A	1	R	BOOT DRIVERS	42
43	CLUB BAR COMP	R	1	20A	180	1440			20A	1	R	BOOT DRIVERS	44
45	CLUB LOUNGE RCT	R	1	20A		1620	1440		20A	1	R	BOOT DRIVERS	46
47	CLUB LOUNGE TV	R	1	20A		720	1440		20A	1	R	BOOT DRIVERS	48
49	CLUB LOUNGE RCT	R	1	20A	720	1656			20A	1	M	EF-29	50
51	CLUB LOUNGE RCT	R	1	20A		900	1656		20A	1	M	EF-24	52
53	CLB LNG CHARGING	E	1	20A		1920	1656		20A	1	M	EF-4	54
55	LOCKER RM GEN RCPT	R	1	20A	1080	1920			20A	1	M	EF-7	56
57	LOCKER RM GEN RCPT	R	1	20A		720	1500		20A	1	M	OWN CLUB G DISP	58
59	MOTORIZED SHADES	M	1	20A		300	500		20A	1	E	ICE MACHINE	60
61	Spares	--	1	20A	0	1080			20A	1	R	RR RCPT	62
63	Spares	--	1	20A	0	0			20A	1	R	Spares	64
65	Spares	--	1	20A	0	0			20A	1	R	Spares	66
67	Spares	--	1	20A	0	0			20A	1	R	Spares	68
69	Spares	--	1	20A	0	0			20A	1	R	Spares	70
71	Spares	--	1	20A	0	0			20A	1	R	Spares	72
73	Spares	--	1	20A	0	0			20A	1	R	Spares	74
75	Spares	--	1	20A	0	0			20A	1	R	Spares	76
77	Spares	--	1	20A	0	0			20A	1	R	Spares	78
79	Spares	--	1	20A	0	0			20A	1	R	Spares	80
81	Spares	--	1	20A	0	0			20A	1	R	Spares	82
83	Spares	--	1	20A	0	0			20A	1	R	Spares	84
Total Load:					22813 VA	29827 VA	22743 VA						
Total Amps:					189 A	246 A	190 A						

LOAD CLASSIFICATION	FEEDER SUBTOTAL	DEMAND FACTOR	FEEDER TOTAL	PANEL TOTALS
Lighting	125% VA		3900 VA	TOTAL LOAD: 82.3 KVA
Receptacles	3180 VA	Per Nec 220	3960 VA	
Motors	1992 VA	Per NEC 430.24	2121 VA	
Equipment	2420 VA	100%	2420 VA	
Appliances	2190 VA	Per NEC 220.56	1907 VA	
Notes:				TOTAL CURRENT: 228 A
EQUIPMENT TO BE FULLY RATED TO LISTED A.I.C. RATING.				

Branch Panel: LPOC4												
Location: ELEC 051		Volts: 120/208 Wye		A.I.C. Rating: 10,000		Bus Rating: 400A		MLO or MCB: MLO		MCB Rating: 400 A		
Supply From: TLPOC4		Phases: 3		Wires: 4		MLO or MCB: MLO		MLO or MCB: MLO		MLO or MCB: MLO		
Mounting: Surface		Enclosure: Type 1		Enclosure: Type 1		Enclosure: Type 1		Enclosure: Type 1		Enclosure: Type 1		
NO.	LOAD DESCRIPTION	TYPE	POLE	TRIP	A	B	C	TRIP	POLE	TYPE	LOAD DESCRIPTION	NO.
1	HP-27	M	2	40A	2247	2667		20A	3	M	CUH-8	2
3	HP-42	M	2	35A				1914	2667			4
5	HP-31	M	2	20A	1914	1150		418	1150			6
9	HP-41	M	2	20A				500	500			8
13	HAND DRYER	M	2	20A	500	500		500	3869			10
15	Spares	--	1	20A								12
17	Spares	--	1	20A	0	1176						14
19	SKI SCHOOL RCPT	R	1	20A		1260	1656		1900	540		16
21	SKI SCHL HOLD CAB	A	1	20A		864	900					18
23	SKI SCHOOL FRZR	A	1	20A		1920	1550					20
25	SKI SCHOOL REF	A	1	20A					180	360		22
27	SKI SCHOOL RCPT	R	1	20A	1080	1270						24
29	ADA DOORS	M	1	20A		300	1550					26
31	OFFICE RCPT	R	1	20A					900	1260		28
33	SKI SCHOOL EWC	R	1	20A	1080	900						30
35	LTGS SKI SCHOOL	L	1	20A		1329	1000					32
37	ADA DOORS	M	1	20A					504	1080		34
39	SKI SCHOOL EWC	R	1	20A	180	1150						36
41	SKI SCHOOL BOOT	R	1	20A		1150	1150					38
43	DRYER	M	2	20A					1150	1150		40
45	TIMECLOCK	E	1	20A	1000	1150						42
47	GEN RCPT	R	1	20A		1080	1914					44
49	GARBAGE DISP	R	1	20A					180	1914		46
51	Spares	--	1	20A	0	0						48
53	Spares	--	1	20A	0	0						50
55	Spares	--	1	20A	0	0						52
57	Spares	--	1	20A	0	0						54
59	Spares	--	1	20A	0	0						56
Total Load:					19722 VA	26755 VA	20468 VA					
Total Amps:					164 A	223 A	172 A					

LOAD CLASSIFICATION	FEEDER SUBTOTAL	DEMAND FACTOR	FEEDER TOTAL	PANEL TOTALS
Lighting	125% VA		3900 VA	TOTAL LOAD: 120.9 KVA
Receptacles	2560 VA	Per Nec 220	3150 VA	
Motors	4243 VA	Per NEC 430.24	4409 VA	
Equipment	3560 VA	100%	3560 VA	
Appliances	0 VA	Per NEC 220.56	0 VA	
Notes:				TOTAL CURRENT: 333 A
EQUIPMENT TO BE FULLY RATED TO LISTED A.I.C. RATING.				

Branch Panel: HPOC2													
Location: ELEC 051		Volts: 480/277 Wye		A.I.C. Rating: 22,000		Bus Rating: 400A		MLO or MCB: MCB		MCB Rating: 300 A			
Supply From: SDP-OC		Phases: 3		Wires: 4		MLO or MCB: MCB		MLO or MCB: MCB		MLO or MCB: MCB			
Mounting: Surface		Enclosure: Type 1		Enclosure: Type 1		Enclosure: Type 1		Enclosure: Type 1		Enclosure: Type 1			
NO.	LOAD DESCRIPTION	TYPE	POLE	TRIP	A	B	C	TRIP	POLE	TYPE	LOAD DESCRIPTION	NO.	
1	TLPOC3	Other	3	70A		0	9000		50A	3	E	EDH-14	2
3					19727	--	--	--	--	1	--	Space	4
5								0	9000			Space	6
7												Space	8
9	TLPOC4	L; Spare	3	125A		26705	--	20468	--	1	--	Space	10
11												Space	12
13					22813	--	--	--	--	1	--	Space	14
15	TLPOC5	R; R, A; M; E	3	125A		29827	--	22743	--	1	--	Space	16
17												Space	18
19												Space	20
21												Space	22
23												Space	24
25												Space	26
27												Space	28
29												Space	30
31												Space	32
33												Space	34
35												Space	36
37												Space	38
39												Space	40
41												Space	42
Total Load:					51540 VA	65532 VA	52210 VA						
Total Amps:					186 A	237 A	189 A						

LOAD CLASSIFICATION	FEEDER SUBTOTAL	DEMAND FACTOR	FEEDER TOTAL	PANEL TOTALS
Lighting	1825 VA	125%	2282 VA	TOTAL LOAD: 176.6 KVA
Receptacles	43560 VA	Per Nec 220	54450 VA	
Motors	55460 VA	Per NEC 430.24	57446 VA	
Equipment	51540 VA	100%	51540 VA	
Appliances	36882 VA	Per NEC 220.56	30368 VA	
Notes:				TOTAL CURRENT: 212 A
EQUIPMENT TO BE FULLY RATED TO LISTED A.I.C. RATING.				

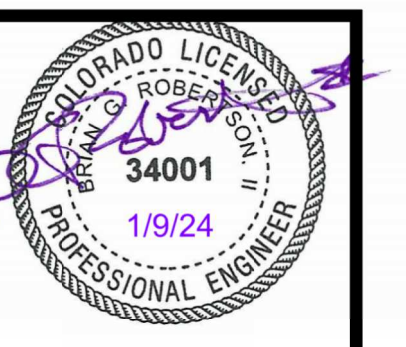
Branch Panel: LPOC4												
Location: ELEC 051		Volts: 120/208 Wye		A.I.C. Rating: 10,000		Bus Rating: 400A		MLO or MCB: MCB		MCB Rating: 300 A		
Supply From: TLPOC4		Phases: 3		Wires: 4		MLO or MCB: MCB		MLO or MCB: MCB		MLO or MCB: MCB		
Mounting: Surface		Enclosure: Type 1		Enclosure: Type 1		Enclosure: Type 1		Enclosure: Type 1		Enclosure: Type 1		
NO.	LOAD DESCRIPTION	TYPE	POLE	TRIP	A	B	C	TRIP	POLE	TYPE	LOAD DESCRIPTION	NO.
1	HP-27	M	2	40A	2247	2667		20A	3	M	CUH-8	2
3	HP-42	M	2	35A				1914	2667			4
5	HP-31	M	2	20A	1914	1150		418	1150			6
9	HP-41	M	2	20A				500	500			8
13	HAND DRYER	M	2	20A	500	500		500	3869			10
15	Spares	--	1	20A								12
17	Spares	--	1	20A	0	1176						14
19	SKI SCHOOL RCPT	R	1	20A		1260	1656		1900	540		16
21	SKI SCHL HOLD CAB	A	1	20A		864	900					18
23	SKI SCHOOL FRZR	A	1	20A		1920	1550					20
25	SKI SCHOOL REF	A	1	20A					180	360		22
27	SKI SCHOOL RCPT	R	1	20A	1080	1270						24
29	ADA DOORS	M	1	20A		300	1550					26
31	OFFICE RCPT	R	1	20A								

FLAG NOTES:

- 1 LOCATION OF UTILITY TRANSFORMER AND SCC. COORDINATE FEEDER ROUTING WITH CIVIL DRAWINGS.
- 2 LOCATION OF DIESEL GENERATOR. COORDINATE FEEDER ROUTING WITH CIVIL DRAWINGS.
- 3 PROVIDE POST RECEPTACLE WITH BUILT IN WEATHER-PROOF-INUSE COVER AND CFCI RECEPTACLE (ARLINGTON GPD16R).
- 4 PROVIDE 0-10V DIMMING POWER SUPPLY RATED FOR USE IN POOL & SPA (GRAN OGM-ELED-PS-200W-UNV-24DC-0-10V-8K).
- 5 LIGHTS IN THE POOL CONTROLLED BY DIMMER SWITCH SPECIFIED BY POOL CONSULTANT.
- 6 PROVIDE WEATHER PROOF JUNCTION BOX AND 120V, 20A CIRCUIT FOR SIGNAGE. LOCATION SHOWN IS APPROXIMATE. COORDINATE EXACT LOCATION AND INSTALLATION REQUIREMENTS FOR SIGNAGE WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN. COORDINATE CONTROLS REQUIREMENTS WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.



3003 Larimer Street
 Denver, Colorado 80205
 phone 303.861.5704
 www.ozarch.com



ONE RIVER RUN
 75 HUNKI DORI CT.
 KEystone, CO 80435

PROJ. NO. 117033.00
 DRAWN: CMT
 CHECKED: MAS
 APPROVED: BGR
 DATE: 2023-02-17

ONE RIVER RUN
 ISSUED FOR:
 GMP/PERMIT
 SHEET TITLE:
 ELECTRICAL SITE PLAN
 SCALE: 1/16" = 1'-0"
 SHEET NUMBER
E-100

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ELECTRICAL SITE PLAN
 SCALE: 1/16" = 1'-0"

