



CITY OF SAINT PAUL DEPARTMENT OF PUBLIC WORKS

Certificate of Compliance

I hereby certify that work completed under this Ordinance Permit and materials provided for installation conform to the appropriate specifications and provisions of and the Department of Public Works, City of Saint Paul, Minnesota, *Standard Supplemental Specifications for Construction of Public Infrastructure by Private Developers Policy*, as amended, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Installation of trunk sewer & services-Ford Plat Blk 10-AKA- Highland Bridge Rowhomes Ph 1A
Project Description

20210011004

Permit Number

Mark Rausch

Mark Rausch - 43480

9/1/2021


(Signature and License No.)

Date

Alliant Engineering, Inc.

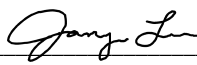
Organization (Print)

1/2012

 <p>CITY OF ST PAUL Department of Public Works 25 West 4th Street 1500 City Hall Annex Saint Paul, MN 55102</p>	<h1 style="margin: 0;">ORDINANCE PERMIT</h1>	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; margin: 0;">OFFICE USE ONLY</p> <p>Application No. _____</p> <p>Application Date _____</p> <p>SPR File # _____</p> <p>Permit No. _____</p> </div>	
<p>Type of Permit (select one only):</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <input type="checkbox"/> Base Roadway <input type="checkbox"/> Bridge <input type="checkbox"/> Retaining Wall </div> <div style="width: 30%;"> <input type="checkbox"/> Roadway Sidewalks <input type="checkbox"/> Roadway Traffic <input type="checkbox"/> Sanitary Drop Shaft </div> <div style="width: 30%;"> <input type="checkbox"/> Sanitary Sewer Collection System <input type="checkbox"/> Storm Sewer Collection System <input type="checkbox"/> Storm Sewer Treatment System </div> </div>			
<p>Phase:</p>	<p>Location (Street On, From/To, and Adjacent Lots/Blocks):</p>		
<p>Description of Work: <i>[Include the description provided in the permit application and all subsequent amendments or revisions, which are hereby incorporated by reference.]</i></p>			
<p>Applicant Contact Person:</p>	<p>Contact Person Title:</p>	<p>Contact Person Telephone:</p>	<p>Contact Person Email:</p>
<p>Bond Co.:</p>		<p>Bond Amount:</p>	<p>Bond No.:</p>
<p>Insurance Co.:</p>		<p>Insurance Certificate No.:</p>	
<p>Permit Conditions:</p>			

This permit is issued with the stipulation that the work of the permittee and related agents, employees and contractors shall conform in all respects to the Redevelopment Agreement (including all Legal Requirements as defined by Article 1), the City of Saint Paul Department of Public Works Ordinance Permit Process Document, and the Department of Public Works List of Applicable Standards & Specifications. The permit shall be available for display at the site referred to herein and shown to any Police Officer or Inspector upon demand and does not authorize or allow for interference with the work of any Contract made or to be made with the City of Saint Paul.

**THIS PERMIT MAY BE REVOKED AT ANY TIME
BY THE DIRECTOR OF PUBLIC WORKS**

<p>A PERMIT FOR THE ABOVE DESCRIBED CONSTRUCTION IS AUTHORIZED BY:</p>		
 _____ Signature	_____ Title	_____ Date
_____ Printed Name		

PERMIT NUMBER _____

ITEMS TO BE COMPLETED PRIOR TO ACCEPTANCE OF INFRASTRUCTURE AND RELEASE OF PERMIT

Prior to acceptance of any infrastructure and release of City permits, the following items must be completed to the satisfaction of the City:

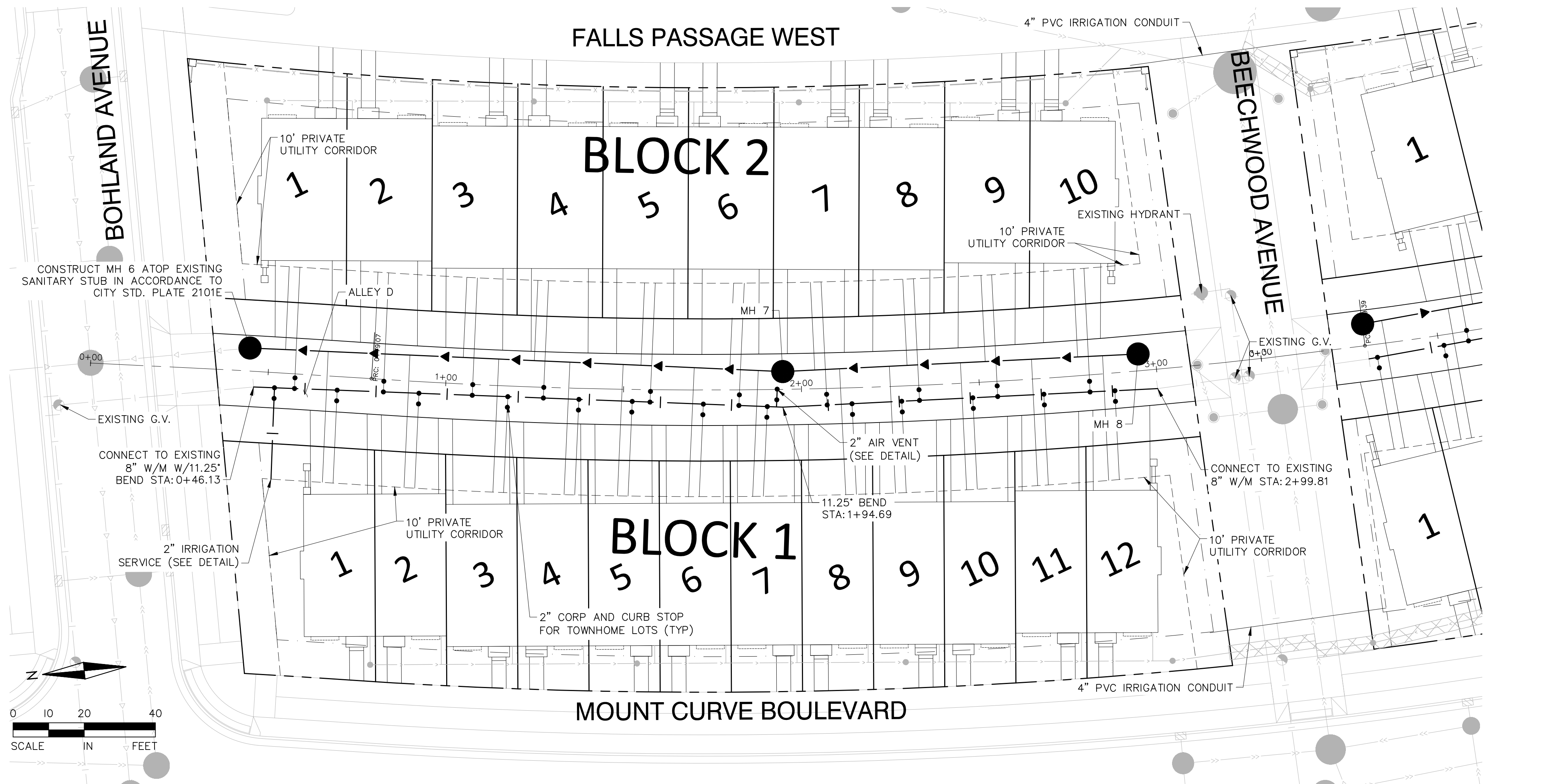
- ☐ Corrective (punch list) work completed;
- ☐ Original reproducible CAD and PDF as-built plans, signed by the Engineer of Record, provided to Public Works; Submittal of final copies of Metropolitan Council Environmental Services and MN Pollution Control Agency Permits (Sewer Extension, SAC Determination, etc.);
- ☐ Full compliance with project Quality Management Plan or other document(s) governing quality management and quality assurance;
- ☐ Documentation of compliance with all applicable City and non-City permit requirements, including, but not limited to: City Public Works Right-of-Way Office, Minnesota Pollution Control Agency, Capitol Region Watershed District, and National Pollution Discharge Elimination System permit requirements;
- ☐ Documentation of roadway materials at compaction of grading and base, plant mix design report, strength;
- ☐ Video of all sanitary sewer mains and laterals, storm sewer mains and laterals, and any structural BMP's (pipe galleries, drain tile, sediment control structures, weir structures, etc.) installed under any permit, provided to the Public Works Sewer Division;
- ☐ Sewer Permit drawings for paving connections or stubs installed to service vertical development provided to Public Works, in addition to Private Service Lateral Permit Drawings;
- ☐ Documentation of Public Works notified for signal and lighting inspection of pole field layouts (staking), conduits and foundations installed, poles and wiring installed, and head positioning and phasing/detection verification (signals only);
- ☐ For infrastructure within parks: Documentation that Parks Department has been notified of completion status;
- ☐ All applicable operation and maintenance manuals provided to Public Works; and
- ☐ Certificate of Compliance signed and submitted to City by Engineer of Record.

RELEASE OF PERMIT:

Permit No. _____ Council Res. No. _____ Permit Date _____

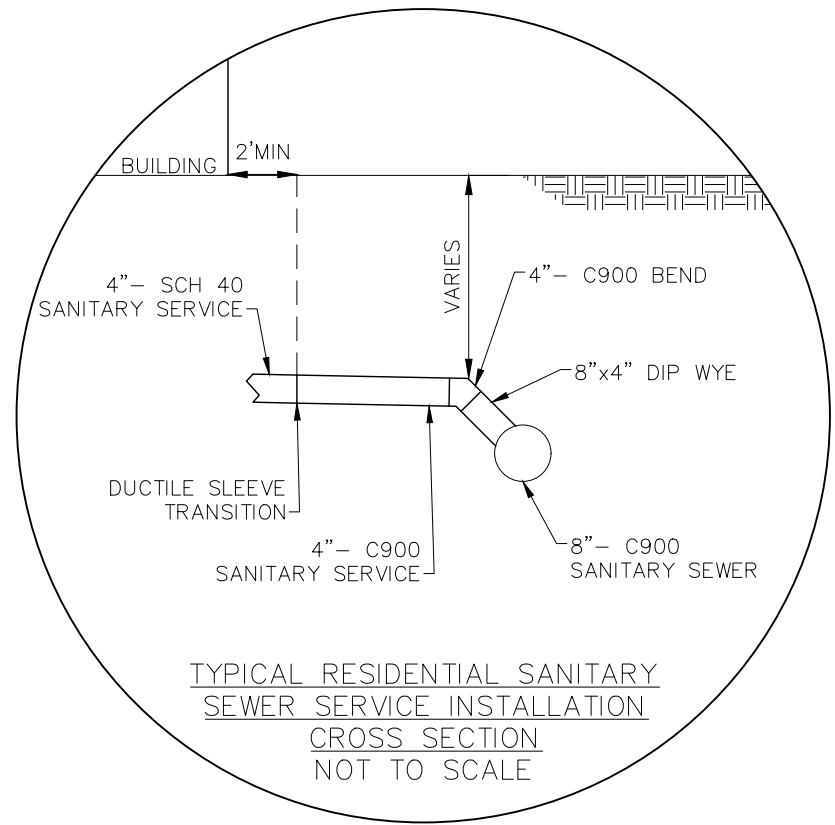
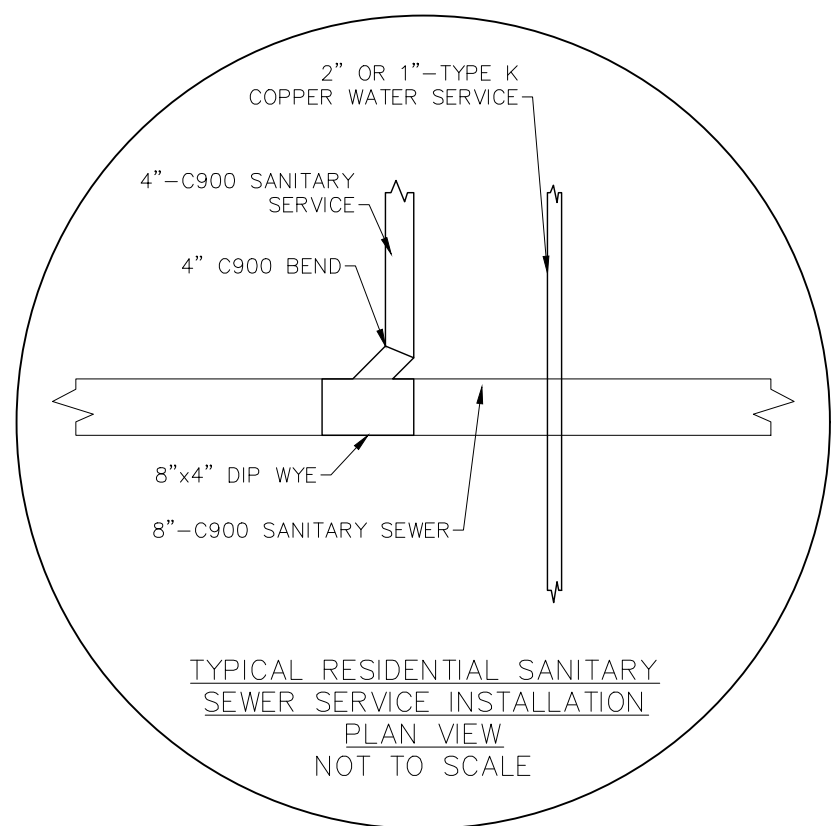
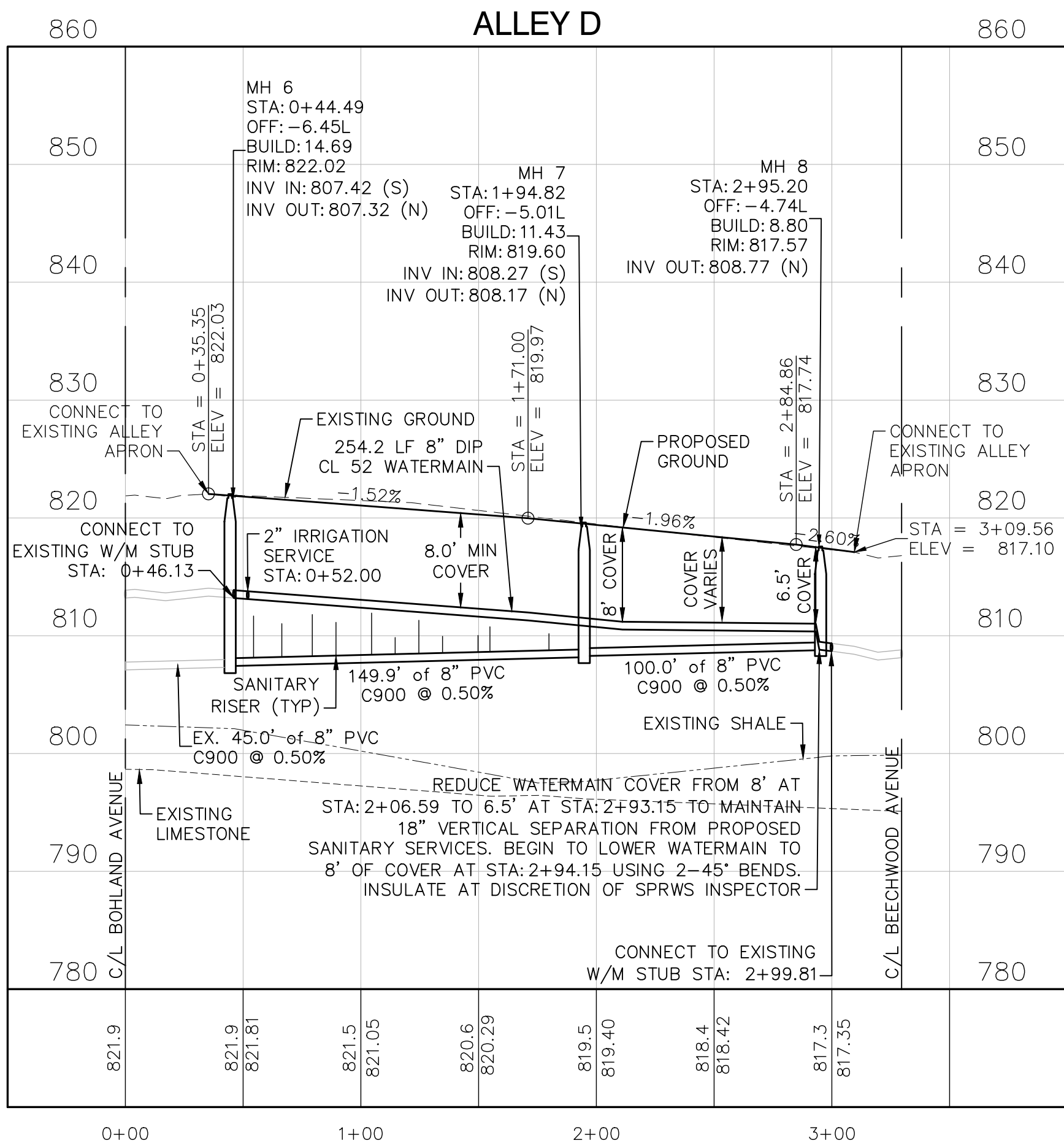
Release Authorized by _____ Title _____

Drawing name: X:\2019\190225\plan sheets\Phase 1\190225\prof-u2.dwg, May 05, 2021, 4:12pm



LEGEND

- LOT LINE
- PROPERTY LINE
- BUILDING SETBACK
- PRIVATE UTILITY CORRIDOR
- EXISTING EASEMENT
- ROW
- PROPOSED WATERMAIN
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- EXISTING WATERMAIN
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING SANITARY MANHOLE
- EXISTING HYDRANT
- EXISTING GATE VALVE
- EXISTING CB
- PROPOSED SANITARY MANHOLE
- PROPOSED GATE VALVE
- PROPOSED HYDRANT



NOTE: SEE SHEET 13 FOR SANITARY SERVICE NOTES

PLAT PHASE	BLOCK	LOT	STATION	IE	FG-EL**	CBE	LFE	RISER
HBR 2ND	1	1	22	811.90	822.87	821.64	823.00	4
HBR 2ND	1	2	45	812.02	822.89	821.28	823.00	4
HBR 2ND	1	3	70	811.45	822.73	820.90	822.50	3
HBR 2ND	1	4	90	810.85	822.39	820.60	822.50	2
HBR 2ND	1	5	105	810.92	821.85	820.38	822.00	2
HBR 2ND	1	6	125	809.44	821.38	820.08	821.50	0
HBR 2ND	1	7	143	809.51	820.87	819.75	821.00	0
HBR 2ND	1	8	17	809.73	820.84	819.27	821.00	0
HBR 2ND	1	9	30	809.80	820.31	819.00	820.50	0
HBR 2ND	1	10	50	809.90	819.71	818.61	820.00	0
HBR 2ND	1	11	70	810.00	819.34	818.22	819.50	0
HBR 2ND	1	12	90	810.09	819.20	817.82	819.50	0
HBR 2ND	2	1	10	812.24	823.53	821.72	823.72	5
HBR 2ND	2	2	35	812.35	823.35	821.32	823.84	5
HBR 2ND	2	3	60	812.47	823.04	820.93	823.34	5
HBR 2ND	2	4	80	811.88	822.50	820.63	822.84	4
HBR 2ND	2	5	110	811.36	821.99	820.18	822.34	3
HBR 2ND	2	6	135	810.81	821.51	819.77	821.84	2
HBR 2ND	2	7	9	809.48	821.03	819.30	821.34	0
HBR 2ND	2	8	35	809.60	820.63	818.78	820.84	0
HBR 2ND	2	9	57	809.71	820.37	818.35	820.34	0
HBR 2ND	2	10	83	809.85	819.71	817.85	819.84	0

* = Preliminary Plat Block Number. Services for lots currently unplatted, LFE TBD

** = Final grade elevation at sanitary service stub

- STATION = SANITARY SERVICE WYE STATION (FROM DOWNSTREAM MH)
- IE = SANITARY SERVICE INVERT ELEVATION
- CBE = CURB BOX ELEVATION
- RISER = RISER LENGTH (ACTUAL LENGTH, NOT VERTICAL RISE)
- LFE = LOW FLOOR ELEVATION



ALLIANT
733 Marquette Avenue
Suite 700
Minneapolis, MN 55402
612.758.3080
www.alliant-inc.com



Pulte
HOMES



HIGHLAND
Bridge

HIGHLAND BRIDGE ROWHOMES
PHASES 1A AND 1B
ST PAUL, MINNESOTA

SITE PLAN REVIEW SUBMITTAL

STREET AND UTILITY PLAN AND PROFILES

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed PROFESSIONAL ENGINEER under the laws of the State of MINNESOTA

MARK RAUSCH, PE
5-5-21 43480
Date License No.

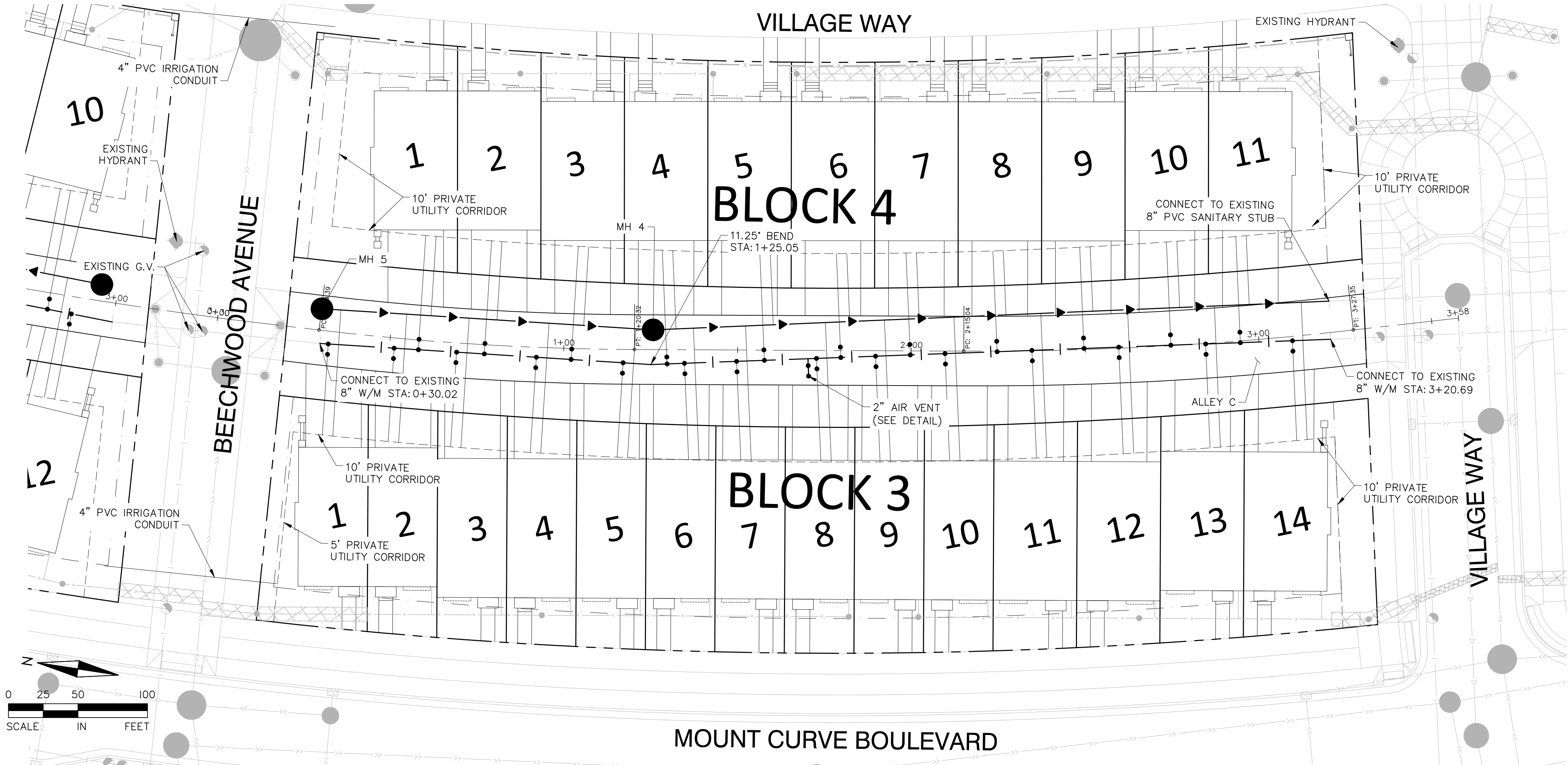
QUALITY ASSURANCE/CONTROL

BY	DATE
DATE	ISSUE
1-28-21	SPR SUBMITTAL
3-12-21	BID SET
3-18-21	SPR RESUBMITTAL
4-9-21	CRWD RESUBMITTAL
4-19-21	SPR RESUBMITTAL
5-5-21	SPR RESUBMITTAL

PROJECT TEAM DATA

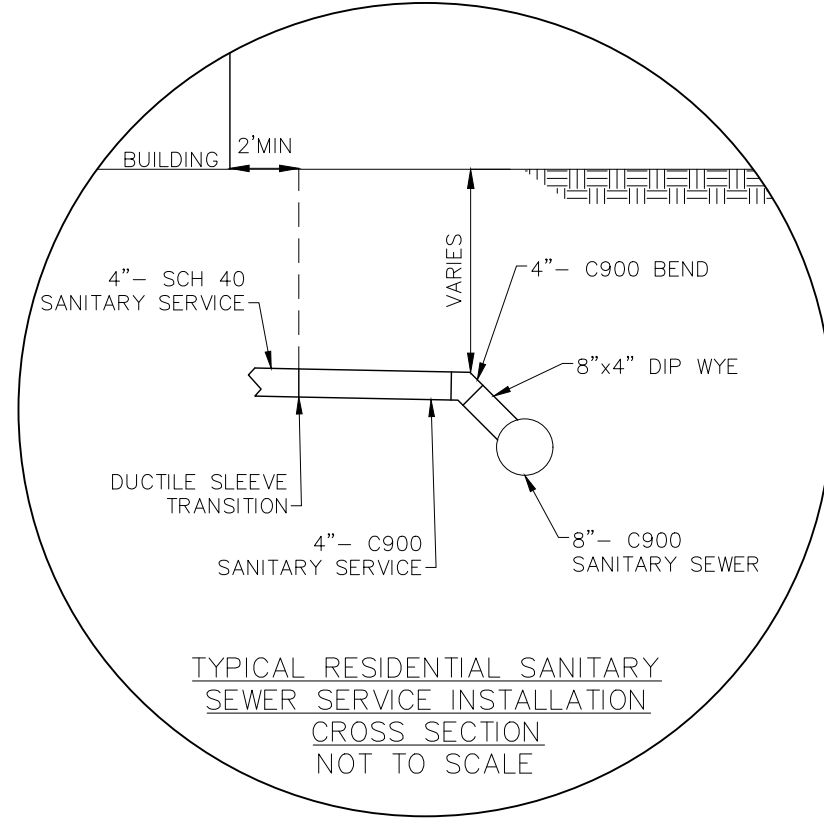
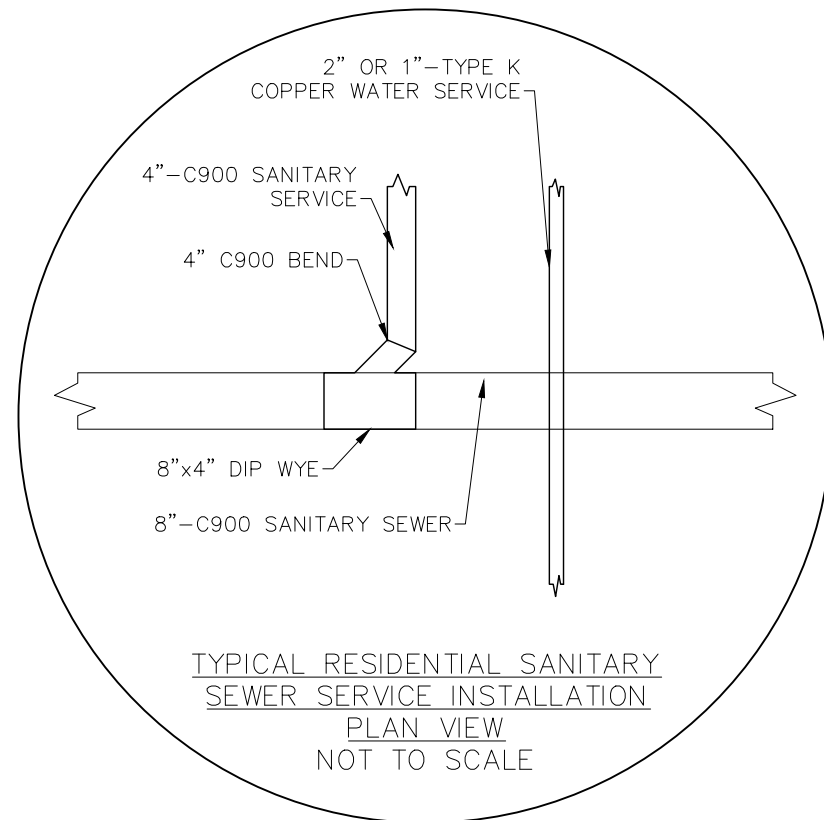
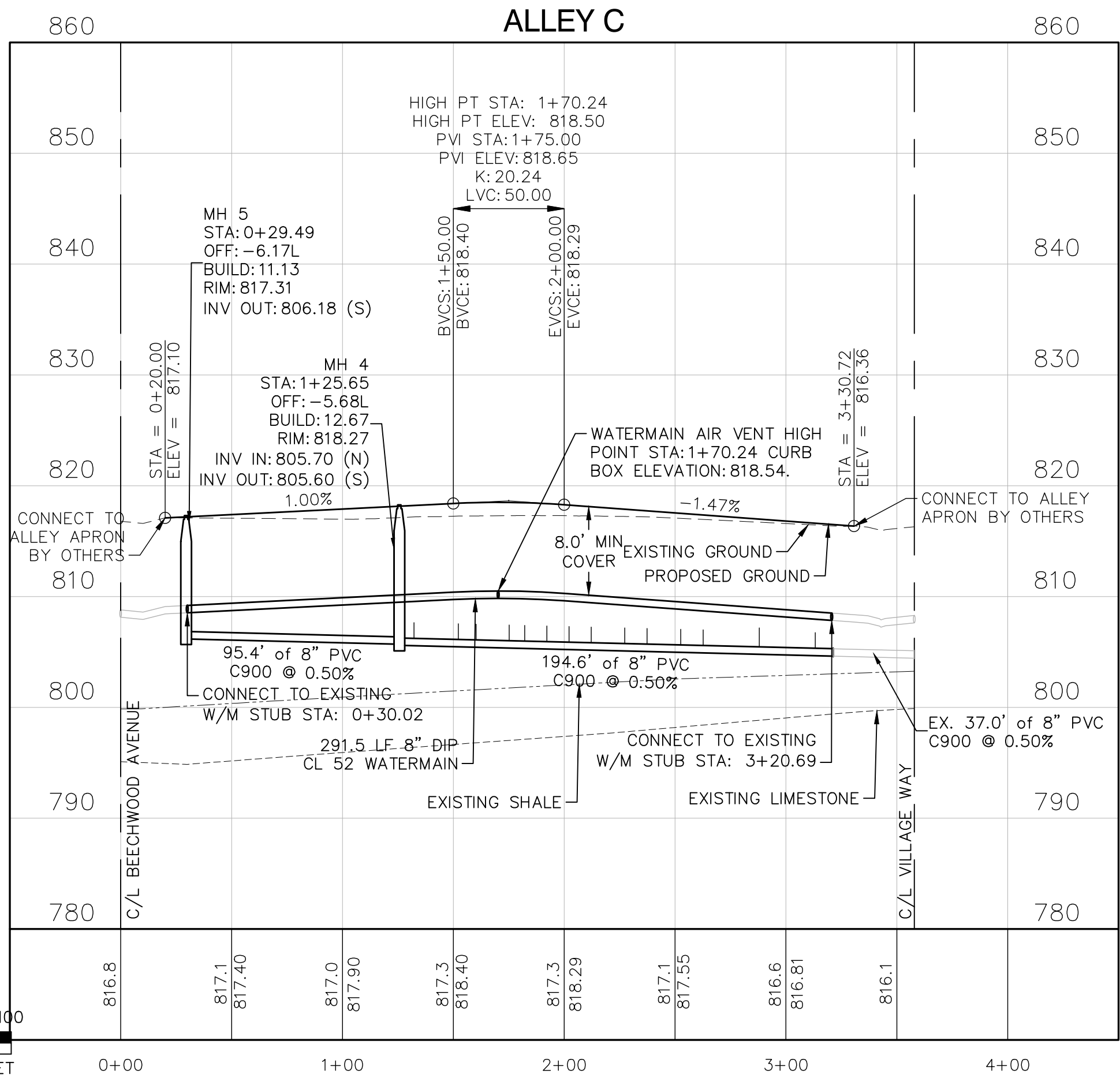
DESIGNED: MPR
DRAWN: ELL
PROJECT NO: 219-0225

Drawing name: X:\2019\190225\plan sheets\Phase 1\190225\prof-u3.dwg, May 05, 2021, 4:13pm



LEGEND

- LOT LINE
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NOTE: SEE SHEET 13 FOR SANITARY SERVICE NOTES

PLAT PHASE	BLOCK	LOT	STATION	IE	FG-EL**	CBE	LFE	RISER
HBR 2ND	3	1	90	807.42	818.87	817.36	819.10	0
HBR 2ND	3	2	71	807.33	819.00	817.52	819.10	0
HBR 2ND	3	3	53	807.22	819.07	817.71	819.10	0
HBR 2ND	3	4	30	808.24	819.05	817.94	819.10	0
HBR 2ND	3	5	5	807.14	819.08	818.21	819.10	0
HBR 2ND	3	6	220	807.16	819.10	818.39	819.10	0
HBR 2ND	3	7	205	808.67	819.60	818.53	819.60	2
HBR 2ND	3	8	182	808.58	819.60	818.61	819.60	2
HBR 2ND	3	9	165	808.50	819.60	818.50	819.60	2
HBR 2ND	3	10	145	808.41	819.60	818.22	819.60	2
HBR 2ND	3	11	120	808.29	819.08	817.83	819.10	2
HBR 2ND	3	12	95	808.16	819.10	817.46	819.10	2
HBR 2ND	3	13	70	808.03	818.97	817.10	819.10	2
HBR 2ND	3	14	45	807.88	818.75	816.76	819.10	2
HBR 2ND	4	1	64	807.15	818.58	817.48	818.68	0
HBR 2ND	4	2	45	807.05	818.61	817.68	818.68	0
HBR 2ND	4	3	20	806.92	818.64	817.93	818.68	0
HBR 2ND	4	4	225	808.44	819.08	818.22	819.18	2
HBR 2ND	4	5	197	808.26	819.09	818.47	819.18	2
HBR 2ND	4	6	175	808.13	819.09	818.50	819.18	2
HBR 2ND	4	7	155	808.02	819.05	818.33	819.18	2
HBR 2ND	4	8	130	807.88	818.61	817.98	818.68	2
HBR 2ND	4	9	105	806.19	818.13	817.62	818.18	0
HBR 2ND	4	10	80	806.08	818.09	817.25	818.18	0
HBR 2ND	4	11	60	805.99	817.61	816.94	817.68	0

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SITE PLAN REVIEW SUBMITTAL
SHEET NAME

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PROJECT TEAM DATA
DESIGNED: MPR
DRAWN: ELL
PROJECT NO: 219-0225

15B