

# EVANS PARK RECORD DRAWINGS

## LEGEND AND ABBREVIATIONS

EXISTING SYMBOLS		ABBREVIATIONS	
SYMBOL	DESCRIPTION	CB	CATCH BASIN
	SECTION CORNER FOUND	CL	CENTERLINE
	SECTION QTR CORNER FOUND	CMP	CORRUGATED METAL PIPE
	SECTION CORNER CALC'D	CP	CONCRETE PIPE
	SECTION QTR CORNER CALC'D	EL	ELEVATION
	SET 1/2" x 24" REBAR W/CAP STAMPED "PCS 37536"	EXIST.	EXISTING
	EXISTING REBAR W/CAP, AS NOTED	FL	FLOWLINE
	MONUMENT FOUND	IE	INVERT ELEVATION
	CALCULATED	LOPE	LINED CORRUGATED POLYETHYLENE PIPE
	MEASURED	PL	PROPERTY LINE
	CATCH BASIN	PP	POWER POLE
	STORM MANHOLE	PVC	POLYVINYL CHLORIDE PIPE
	CULVERT	R/W	RIGHT-OF-WAY
	GAS VALVE	STA	STATION
	GAS METER	SD	STORM DRAIN
	GUY ANCHOR	SS	SANITARY SEWER
	GUY POLE	SSMH	SANITARY SEWER MANHOLE
	LIGHT POLE	SWPE	SOLID WALL POLYETHYLENE PIPE
	MAILBOX	TYP	TYPICAL
	SIGN	TBR	TO BE REMOVED
	TELCO MANHOLE	TBD	TO BE DEMOLISHED
	TELCO RISER		
	SEWER MANHOLE		
	SEPTIC MANHOLE		
	FIRE HYDRANT		
	BLOW-OFF		
	WATER METER		
	WATER VALVE		
	TREE CONIFEROUS (W/ TREE TAG #)		
	TREE DECIDUOUS (W/ TREE TAG #)		
PROPOSED WATER SYMBOLS		PROPOSED SEWER SYMBOLS	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SD CAP		SEWER CAP
	TYPE 1 CATCH BASIN, GRATED LID		SEWER CLEANOUT
	TYPE 1 CATCH BASIN, SOLID LID		SEWER MANHOLE
	TYPE 2 CATCH BASIN, GRATED LID		SEWER PIPE
	TYPE 2 CATCH BASIN, SOLID LID		
	BEEHIVE MANHOLE COVER		
	SQUARE YARD DRAIN		
	ROUND YARD DRAIN		
	STORM CLEAN OUT		
	STORM PIPE		
PROPOSED SURVEY SYMBOLS		PROPOSED SEWER SYMBOLS	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SURVEY MONUMENT IN PROPOSED ROAD		

## CONTACT LIST

<b>OWNER/APPLICANT:</b> HUSEBY HOMES 13110 NE 177TH PL, SUITE 228 WOODINVILLE, WASHINGTON 98072 CONTACT: DARIN HUSEBY PHONE: (425) 626-0872 EMAIL: darin@husebyhomes.com	<b>SURVEYOR:</b> PACIFIC COAST SURVEYS, INC. 16300 MILL CREEK BLVD, STE G4 MILL CREEK, WASHINGTON 98082 CONTACT: DARREN RIDDLE, PLS PHONE: (425) 508-4951 FAX: (425) 357-3577 EMAIL: darren@pcsurveys.net
<b>ENGINEER:</b> LDC, INC. 20210 142ND AVENUE NE WOODINVILLE, WASHINGTON 98072 CONTACT: TOM ABBOTT, PE PHONE: (425) 806-1869 FAX: (425) 482-2893 EMAIL: tabbott@ldccorp.com	<b>GEOTECH:</b> NELSON GEOTECHNICAL ASSOCIATES, INC. 17311 135TH AVE NE, A-500 WOODINVILLE, WASHINGTON 98072 CONTACT: KHALED SHAWISH, PE PHONE: (425) 486-1669 FAX: (425) 481-2510 EMAIL: khal@nelsongeotech.com
<b>LANDSCAPE ARCHITECT:</b> PAUL JAY LANDSCAPE ARCHITECT 1115 BRIDGE ROAD, EASTHAM, MASSACHUSETTS 02642 CONTACT: PAUL JAY PHONE: (360) 659-8159 EMAIL: pauljayla@gmail.com	

## EARTHWORK QUANTITIES

CUT:	500 CY
FILL:	10,500 CY
STRIPPINGS:	1,500 CY
DISTURBED/CLEARING AREA:	95,371 SF (2.19 AC)
ANY UNSUITABLE, UNDOCUMENTED FILL SHALL BE REMOVED PRIOR TO PLACING ANY STRUCTURAL FILL OR IN ANY AREA WHERE INFILTRATION WILL TAKE PLACE.	

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## RECORD DRAWING DISCLAIMER

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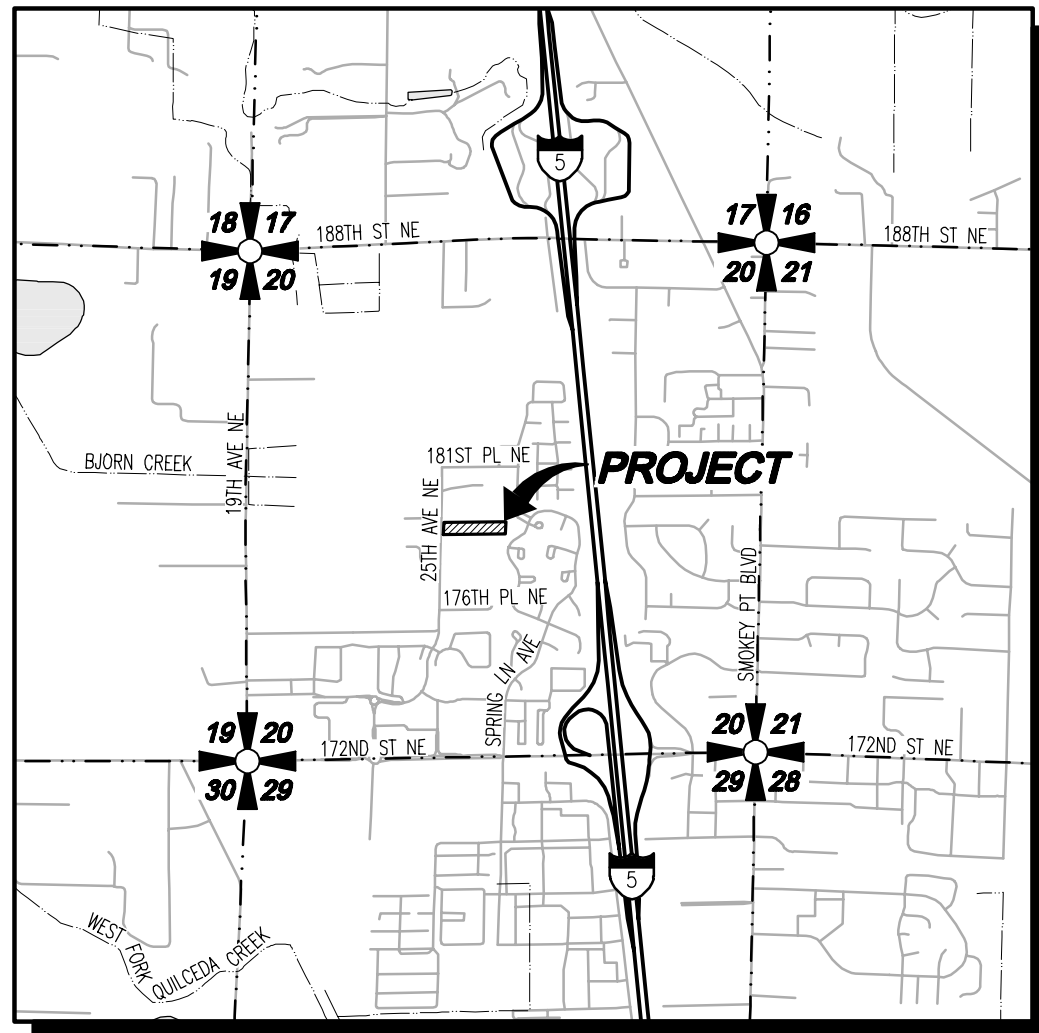
## UTILITY NOTE

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## RECORD DRAWINGS



## VICINITY MAP

SCALE: 1"=2000'

## SURVEY INFORMATION

### LEGAL DESCRIPTION

PARCEL B, SNOHOMISH COUNTY SHORT PLAT NO. 109 (4-84) RECORDED UNDER RECORDING NO. 8406140256, RECORDS OF SNOHOMISH COUNTY, WASHINGTON, BEING A PORTION OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 20, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M.

SITUATE IN THE COUNTY OF SNOHOMISH, STATE OF WASHINGTON.

### VERTICAL DATUM

FOUND REBAR W/CAP AT THE NORTHWEST PROPERTY CORNER  
ELEV = 123.98' NAVD 88  
PER GPS OBSERVATION

### BASIS OF BEARING

THE WASHINGTON STATE PLANE COORDINATES, NORTH ZONE

### EQUIPMENT & PROCEDURES

METHOD OF SURVEY:  
SURVEY PERFORMED BY FIELD TRAVERSE  
INSTRUMENTATION:  
LEICA TS16 ROBOTIC ELECTRONIC TOTAL STATION  
PRECISION:  
MEETS OR EXCEEDS STATE STANDARDS WAC 332-130-090

### REFERENCES

(R1) SNO. CO. SHORT PLAT SP 109(4-84) - A.F.#8406140256  
(R2) RECORD OF SURVEY - A.F.#201410095006

### SURVEY NOTES

- THIS SURVEY HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF PARTIES WHOSE NAMES APPEAR HEREON ONLY, AND DOES NOT EXTEND TO ANY UNNAMED THIRD PARTIES WITHOUT EXPRESS RECERTIFICATION BY THE LAND SURVEYOR OF RECORD.
- BOUNDARY LINES SHOWN AND CORNERS SET REPRESENT DEED LOCATIONS; OWNERSHIP LINES MAY VARY. NO GUARANTEE OF OWNERSHIP IS EXPRESSED OR IMPLIED.

## PROJECT INFORMATION

TAX PARCELS:	31052000301500
SITE ADDRESS:	17909 25TH AVE NE MARYSVILLE, WASHINGTON 98271
SITE AREA:	83,492 SF 1.92 AC
CURRENT ZONING:	R-8
PROPOSED ZONING:	R-8
PROPOSED LAND USE:	SINGLE FAMILY RESIDENTIAL
PROPOSED LOTS:	13
MAX IMPERVIOUS COVERAGE:	70%
WATER:	CITY OF MARYSVILLE
SEWER:	CITY OF MARYSVILLE
POWER:	SNOHOMISH COUNTY PUD
GAS:	PUGET SOUND ENERGY
TELEPHONE:	FRONTIER
CABLE:	COMCAST
SCHOOL DISTRICT:	LAKEWOOD SCHOOL DISTRICT 306
FIRE DISTRICT:	MARYSVILLE FIRE DISTRICT RFA
BUILDING SETBACKS:	
FRONT:	10 FEET
REAR:	10 FEET
SIDE:	5 FEET
PARKING REQUIREMENTS:	3 PER DU=39 STALLS
PARKING REQUIRED:	52 STALLS
PARKING PROVIDED:	(2 IN GARAGE, 2 IN DRIVEWAY PER LOT)

CITY FILE NO: PA 22-003, G22-0023

## CITY OF MARYSVILLE CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

THIS PLAN SHEET HAS BEEN REVIEWED AND EVALUATED FOR GENERAL COMPLIANCE WITH THE APPLICABLE CITY OF MARYSVILLE CODES AND ORDINANCES. CONFORMANCE OF THIS DESIGN WITH ALL APPLICABLE LAWS AND REGULATIONS IS THE FULL AND COMPLETE RESPONSIBILITY OF THE LICENSED DESIGN ENGINEER, WHOSE STAMP AND SIGNATURE APPEAR ON THIS SHEET. ACKNOWLEDGMENT OF CONSTRUCTION DRAWING REVIEW DOES NOT IMPLY CITY APPROVAL FOR CONSTRUCTION ACTIVITIES THAT REQUIRED OTHER COUNTY, STATE OR FEDERAL PERMIT REVIEW AND APPROVAL. THE PROPERTY OWNER AND LICENSED DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE ACQUISITION AND COMPLIANCE OF ALL APPLICABLE PERMITS OR AUTHORIZATIONS WHICH MAY INCLUDE, BUT ARE NOT LIMITED TO, WSDOW HYDRAULIC PROJECT APPROVAL (HPS), WSDOW NOTICE OF INTENT (NOI), ANY CORPS OF ENGINEERS FILL PERMITS AND THE REQUIREMENTS OF THE ENDANGERED SPECIES ACT.

BY: \_\_\_\_\_  
KEN MCINTYRE, PE, DEVELOPMENT SERVICES MANAGER

APPROVAL FOR 18 MONTHS FROM DATE OF SIGNATURE.



Call 2 Business Days Before You Dig  
811 or 1-800-424-5555  
Utilities Underground Location Center

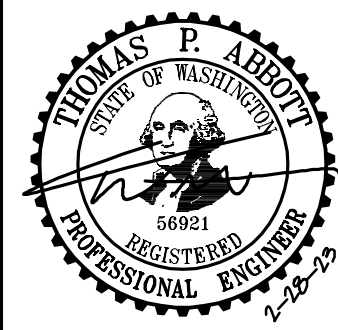
## REVISIONS

NO.	DATE	DESCRIPTION
1	2-28-23	RECORD DRAWINGS

<b>Surveying Engineering Planning</b>	<b>LDC</b>	<b>Olympia</b>
<b>Kent</b>	<b>Woodinville</b>	<b>Woodinville</b>
	20210 142nd Avenue NE	Woodinville, WA 98072
	www.LDCorp.com	
	T 425.806.1869	F 425.482.2893

## HUSEBY HOMES EVANS PARK

## COVER SHEET



JOB NUMBER:	C21209
DRAWING NAME:	C21209A-CS-PL
DESIGNER:	TPA
DRAFTING BY:	JDG
DATE:	5-05-22
SCALE:	1"=50'
JURISDICTION:	MARYSVILLE

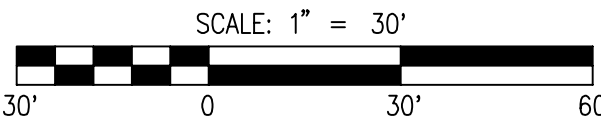
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PROJECT INFORMATION

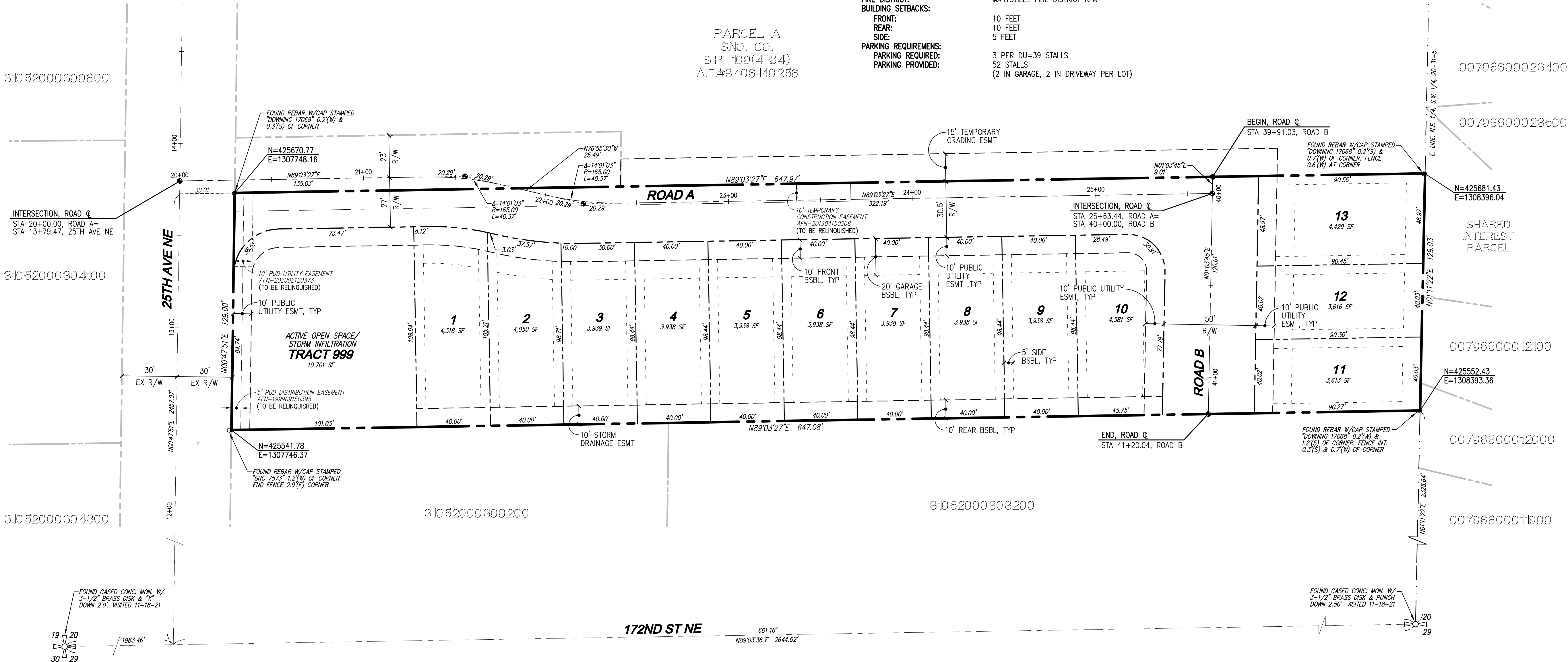
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REAR: 10 FEET  
SIDE: 5 FEET  
PARKING REQUIREMENTS: 3 PER DU=39 STALLS  
PARKING PROVIDED: 52 STALLS  
(2 IN GARAGE, 2 IN DRIVEWAY PER LOT)

SURVEY MONUMENT TABLE

NOTE: INSTALL SURVEY MONUMENTS PER CITY OF MARYSVILLE EDDS STANDARD PLAN 3-507-001.  
STATIONING ROAD/INTERSECTION  
20+00.00/13+79.47 ROAD A/25TH AVE NE  
21+55.21, 1.24' LT ROAD A  
22+21.07, 1.24' RT ROAD A  
25+63.44/40+00.00 ROAD A/ROAD B  
39+91.03, C ROAD B  
41+20.04, C ROAD B



PARCEL A  
SNO. CO.  
S.P. 109(4-84)  
A.F.#8406140 256



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CITY FILE NO: PA 22-003, G22-0023

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THIS DAY OF \_\_\_\_\_  
BY: \_\_\_\_\_ KEN MCINTYRE, PE, DEVELOPMENT SERVICES MANAGER  
APPROVAL FOR 18 MONTHS FROM DATE OF SIGNATURE.

REVISIONS

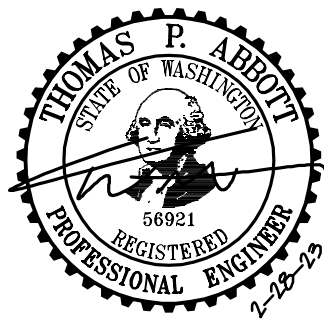
NO.	DATE	DESCRIPTION
1	2-28-23	RECORD DRAWINGS

Surveying  
Engineering  
Planning

LDC

HUSEBY HOMES  
EVANS PARK

HORIZONTAL CONTROL PLAN

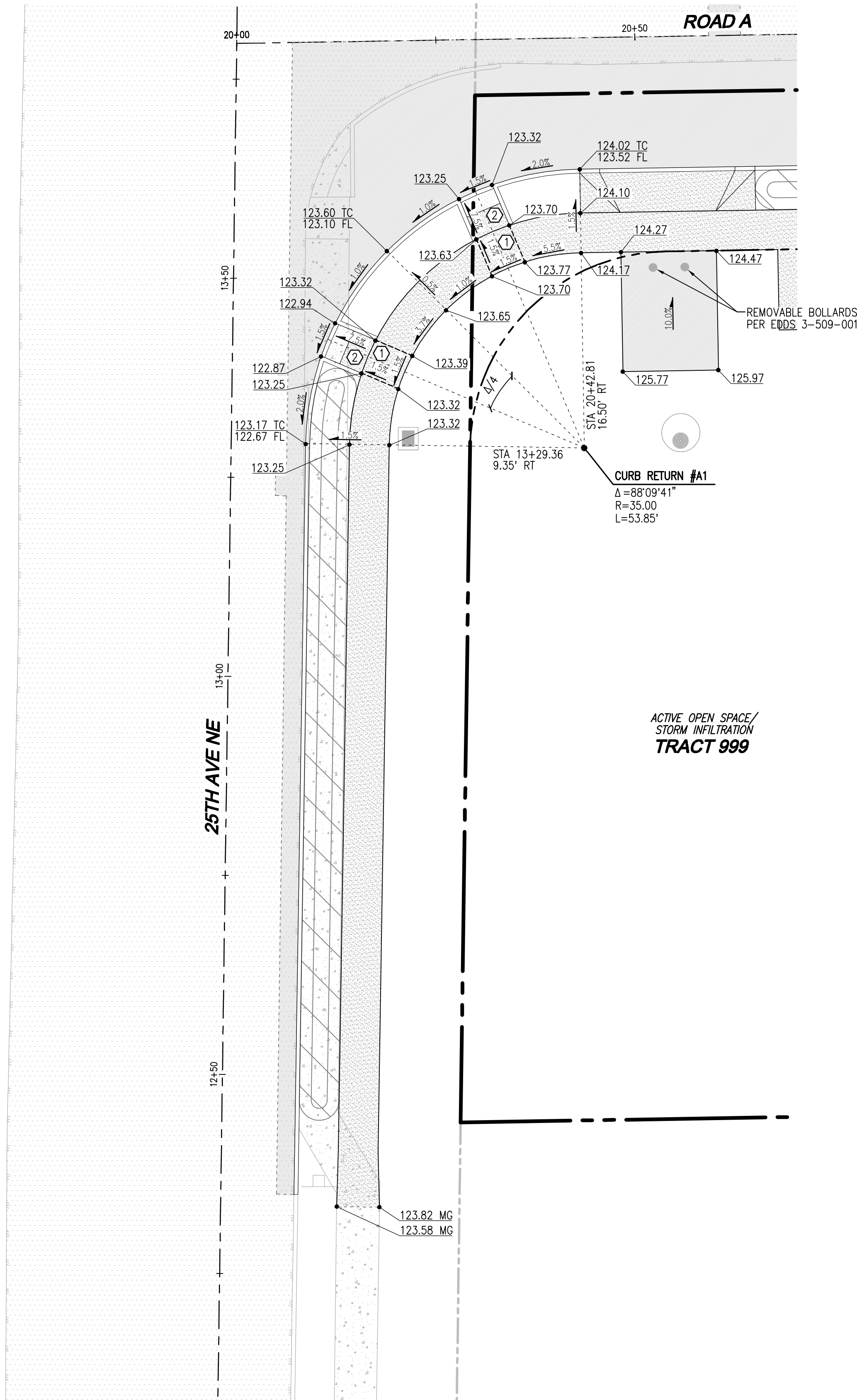


JOB NUMBER: C21209  
DRAWING NAME: C21209A-HC-PL  
DESIGNER: TPA  
DRAFTING BY: JDG  
DATE: 5-05-22  
SCALE: 1"=30'  
JURISDICTION: MARYSVILLE

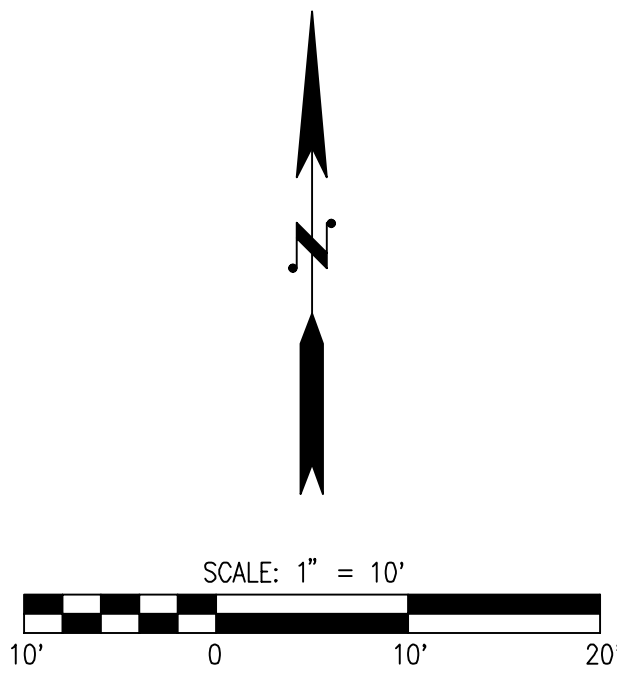
HC-01

SHEET 6 OF 25





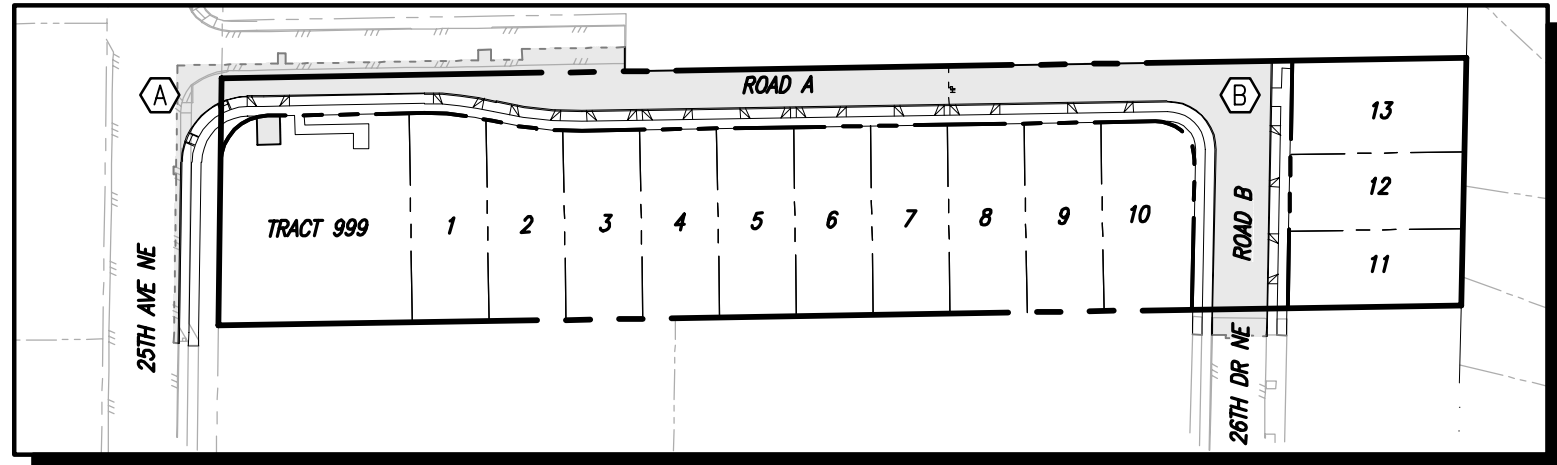
**A 25TH AVE NE AND ROAD A**  
SCALE: 1\"=10'



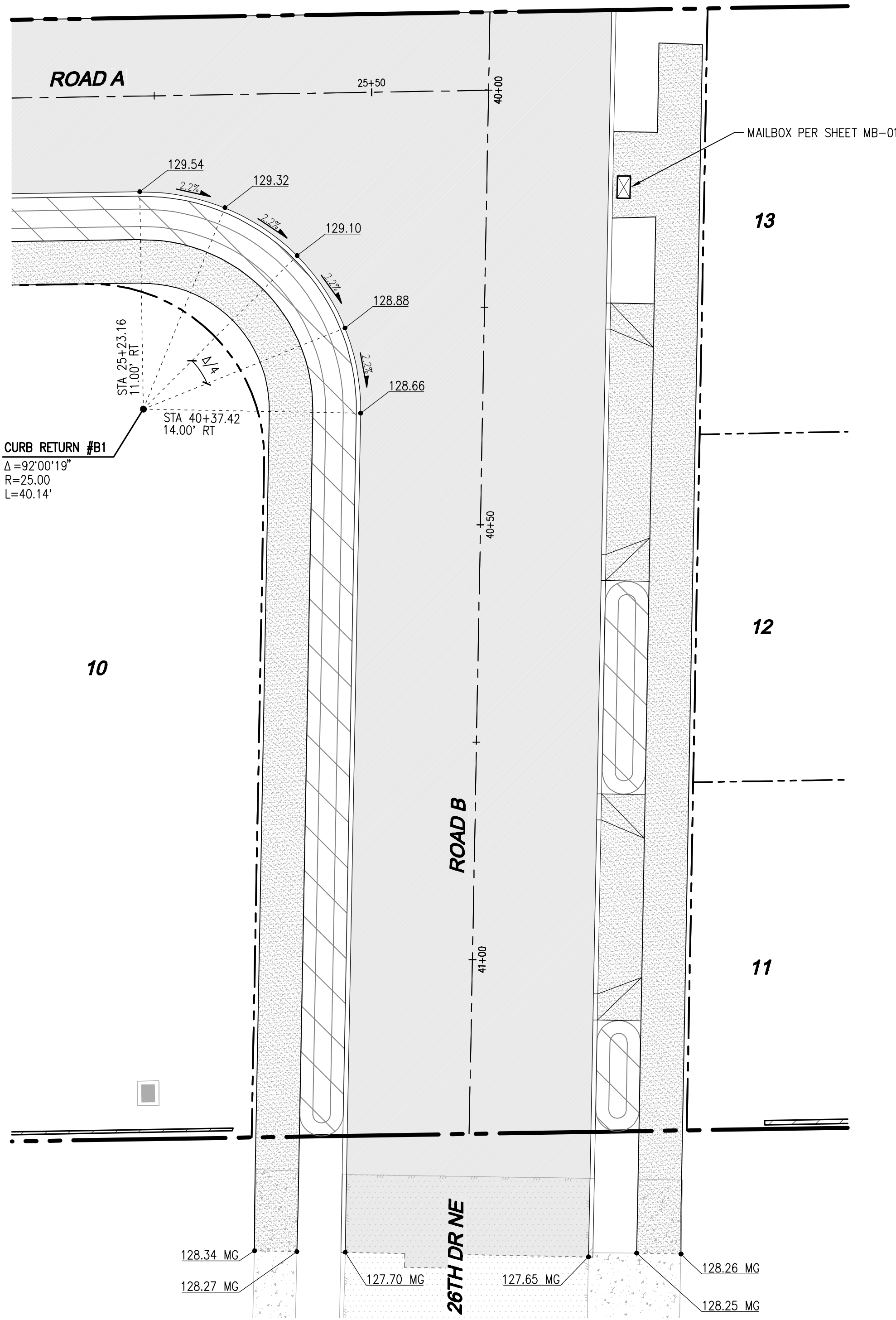
**ADA RAMP NOTES**

- ① MINIMUM 4'x4' LANDING NOT TO EXCEED 2% RUNNING OR CROSS SLOPE.
- ② ALL SIDEWALK RAMP SHALL NOT EXCEED 8.33% WITH 2% MAX CROSS SLOPE. UNLESS OTHERWISE NOTED, TEMPORARY FRONTAGE RAMP MAY EXCEED 8.33%.
3. ALL SIDEWALKS SHALL NOT EXCEED 2% CROSS SLOPE.
4. SEE SHEET DT-05 FOR CURB RAMP DETAILS.
5. ALL CURB ELEVATION AT FLOWLINE UNLESS OTHERWISE NOTED.
6. GB: GRADE BREAK  
LP: LOW POINT  
HP: HIGH POINT  
FL: FLOWLINE  
TC: TOP OF CURB  
BC: BOTTOM OF CURB  
MG: MATCH EXISTING GRADE  
RC FL: ROLLED CURB FLOWLINE

**SPOT ELEVATIONS  
WERE NOT AS-BUILT**



**KEY MAP**  
SCALE: 1\"=100'



**B ROAD A AND ROAD B**  
SCALE: 1\"=10'

CITY FILE NO: PA 22-003, G22-0023

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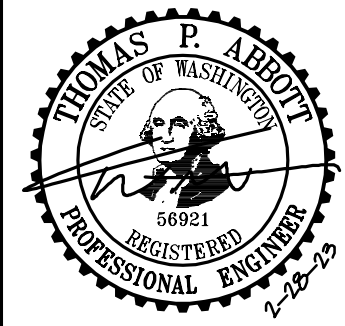
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**LDC** | Surveying  
Engineering  
Planning

**Kent** | Woodinville  
20210 142nd Avenue NE  
Woodinville, WA 98072  
T 425.806.1869  
www.LDCorp.com

**Olympia**  
F 425.482.2893

**HUSEBY HOMES**  
**EVANS PARK**  
**DETAILED GRADING**



JOB NUMBER: C21203  
DRAWING NAME: C21203A-GR-01  
DESIGNER: TPA  
DRAFTING BY: JDG  
DATE: 5-05-22  
SCALE: 1\"=10'  
JURISDICTION: MARYSVILLE

**GR-01**

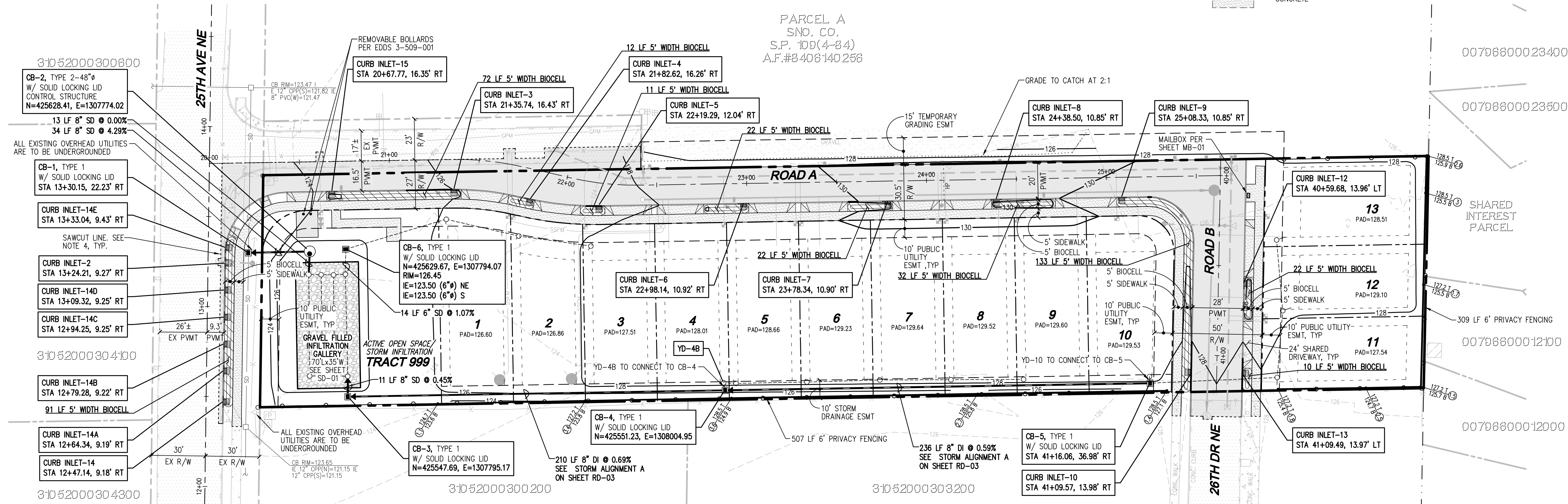
## NOTES

1. ALL UTILITIES TO BE UNDERGROUNDED.
2. ALL EXISTING SIGNAGE ALONG 25TH AVE NE IS TO BE RELOCATED AS NECESSARY TO CORRELATE WITH NEW FRONTAGE DESIGN.
3. SHARED ACCESS DRIVEWAYS FOR LOTS 9/10 AND 12/13 TO BE PAVED WITH CONCRETE, COLORED CONCRETE OR SIMILAR DECORATIVE PAVING.
4. TACK AND SEAL ALL PROPOSED SAWCUT LINES. TACK SHALL BE EMULSIFIED ASPHALT GRADE CSS-1 AS SPECIFIED IN SECTION 9-02.1(6) OF THE STANDARD SPECIFICATIONS AND SHALL BE APPLIED TO THE EXISTING PAVEMENT AND EDGES OF THE SAWCUTS AS SPECIFIED IN SECTION 5-04 OF THE STANDARD SPECIFICATIONS.
5. INFILTRATION GALLERY EXCAVATION, SUBGRADE PREPARATION, AND BACKFILL TO BE INSPECTED AND APPROVED BY A GEOTECHNICAL ENGINEER. COMPACTION OF INFILTRATION GALLERY SUBGRADE SHALL NOT EXCEED 85%. ALL REMAINING FILL MATERIAL, INCLUDING THAT DIRECTLY ABOVE THE TOP OF THE GALLERY, SHALL BE COMPACTED TO 95%.

## LEGEND

	STORM PIPE
	SEWER PIPE
	WATER PIPE
	RETAINING WALL
	TYPE 1 CB (SOLID LID)
	TYPE 2 CB (SOLID LID)
	BIOCELL
	CURB INLET
	PRIVACY FENCING
	STREET LIGHT
	FULL DEPTH ASPHALT
	CONCRETE

SCALE: 1" = 30'



YARD DRAIN / STORM CLEANOUT TABLE (NOT AS-BUILT)

LOT/YD #	DEPTH (FT)	RIM (FT)	IE (FT)	PIPE SIZES (IN)	DOWNSIDE (LF)	DOWNSIDE SLOPE
YD-1	2.36	126.14	123.78	6.00	56.00	0.50%
YD-2	2.82	126.80	123.98	6.00	40.00	0.50%
YD-3	3.87	128.05	124.18	6.00	40.00	0.50%
YD-4A	4.24	128.62	124.38	6.00	40.00	0.50%
YD-4B	3.09	128.13	125.04	6.00	3.00	0.50%
YD-5	3.19	128.26	125.07	6.00	5.00	0.50%
YD-6	3.19	128.46	125.27	6.00	40.00	0.50%
YD-7	3.17	128.64	125.47	6.00	40.00	0.50%
YD-8	3.05	128.72	125.67	6.00	40.00	0.50%
YD-9	2.66	128.53	125.87	6.00	40.00	0.50%
YD-10	2.13	128.59	126.46	6.00	4.00	0.50%
YD-11	1.31	128.07	126.76	6.00	65.00	0.50%
YD-12	1.77	128.73	126.96	6.00	40.00	0.50%
YD-13	2.08	129.24	127.16	6.00	40.00	0.50%

DRIVEWAY CUT TABLE (NOT AS-BUILT)

LOT / CURB CUT	STATION	WIDTH (FT)	SIDE	ROAD
ACCESS ROAD	12+55	12	RT	25TH AVE NE
1	21+55	16	RT	ROAD A
2	21+98	16	RT	ROAD A
3	22+34	16	RT	ROAD A
4	22+63	16	RT	ROAD A
5	23+14	16	RT	ROAD A
6	23+43	16	RT	ROAD A
7	23+94	16	RT	ROAD A
8	24+23	16	RT	ROAD A
9-10	24+88	24	RT	ROAD A
11	25+80	16	LT	ROAD B
12-13	25+82	24	LT	ROAD B

## RECORD DRAWING DISCLAIMER

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Call 2 Business Days Before You Dig  
811 or 1-800-424-5555  
Utilities Underground Location Center

CITY FILE NO: PA 22-003, G22-0023

## CITY OF MARYSVILLE CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

THIS PLAN SHEET HAS BEEN REVIEWED AND EVALUATED FOR GENERAL COMPLIANCE WITH THE APPLICABLE CITY OF MARYSVILLE CODES AND ORDINANCES. CONFORMANCE OF THIS DESIGN WITH ALL APPLICABLE LAWS AND REGULATIONS IS THE FULL AND COMPLETE RESPONSIBILITY OF THE LICENSED DESIGN ENGINEER, WHOSE STAMP AND SIGNATURE APPEAR ON THIS SHEET. ACKNOWLEDGMENT OF CONSTRUCTION DRAWING REVIEW DOES NOT IMPLY CITY APPROVAL FOR CONSTRUCTION ACTIVITIES THAT REQUIRED OTHER COUNTY, STATE OR FEDERAL PERMIT REVIEW AND APPROVAL. THE PROPERTY OWNER AND LICENSED DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE ACQUISITION AND COMPLIANCE OF ALL APPLICABLE PERMITS OR AUTHORIZATIONS WHICH MAY INCLUDE, BUT ARE NOT LIMITED TO, WSDOT HYDRAULIC PROJECT APPROVAL (HPS), WSDOT NOTICE OF INTENT (NOI), ANY CORPS OF ENGINEERS FILL PERMITS AND THE REQUIREMENTS OF THE ENDANGERED SPECIES ACT.

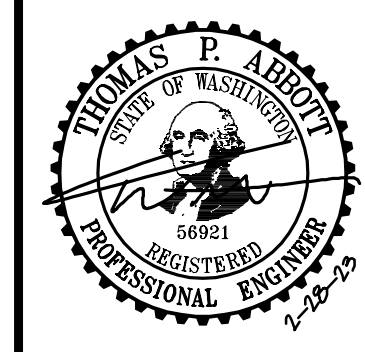
BY: KEN MCINTYRE, PE, DEVELOPMENT SERVICES MANAGER  
APPROVAL FOR 18 MONTHS FROM DATE OF SIGNATURE.

## REVISIONS

NO.	DATE	DESCRIPTION
1	2-28-23	RECORD DRAWINGS

Surveying  
Engineering  
PlanningLDC  
Kent  
Woodinville  
20210 142nd Avenue NE  
Woodinville, WA 98072  
www.LDCorp.com  
T 425.806.1869  
F 425.482.2893HUSEBY HOMES  
EVANS PARK

ROAD, STORM DRAINAGE, AND GRADING PLAN

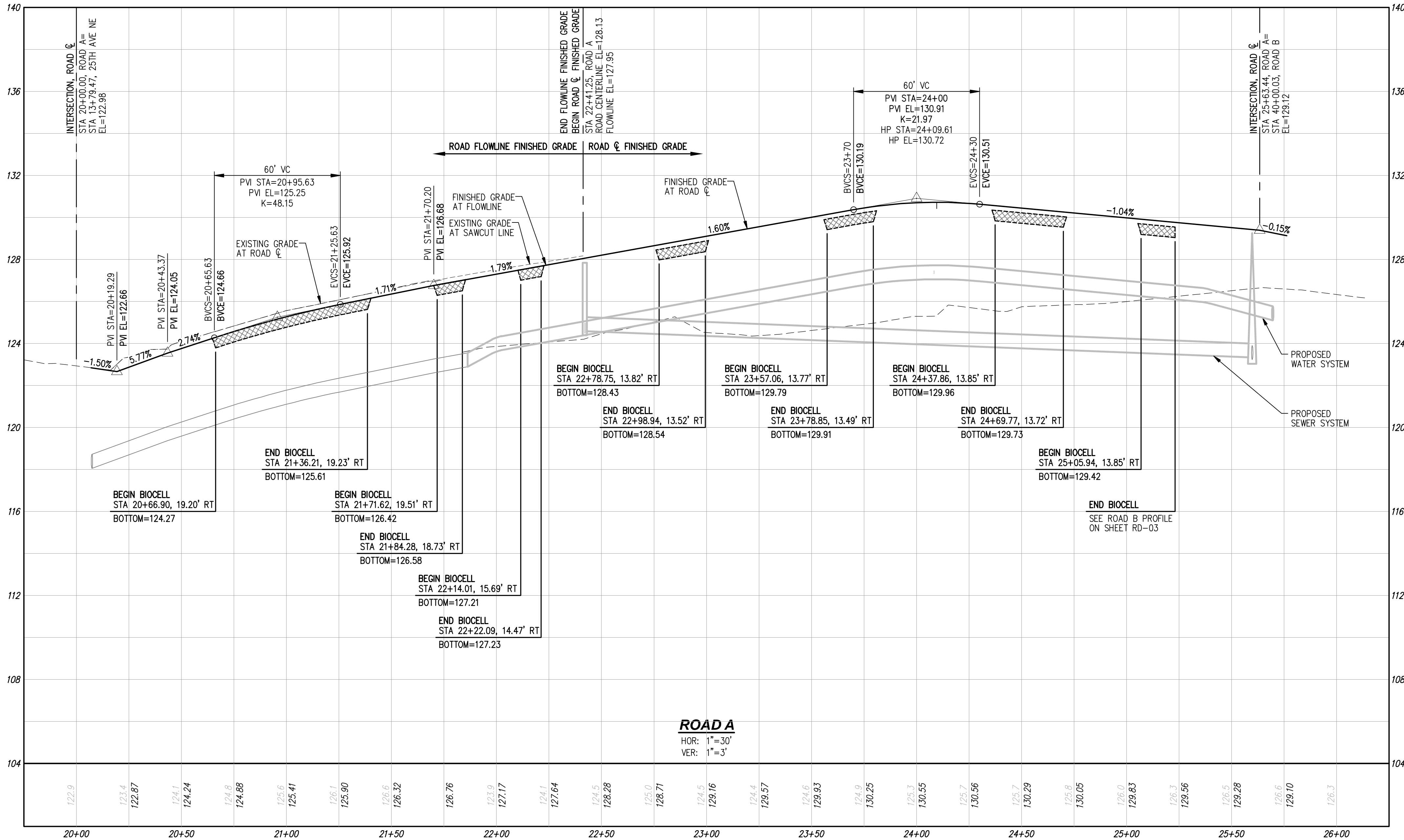
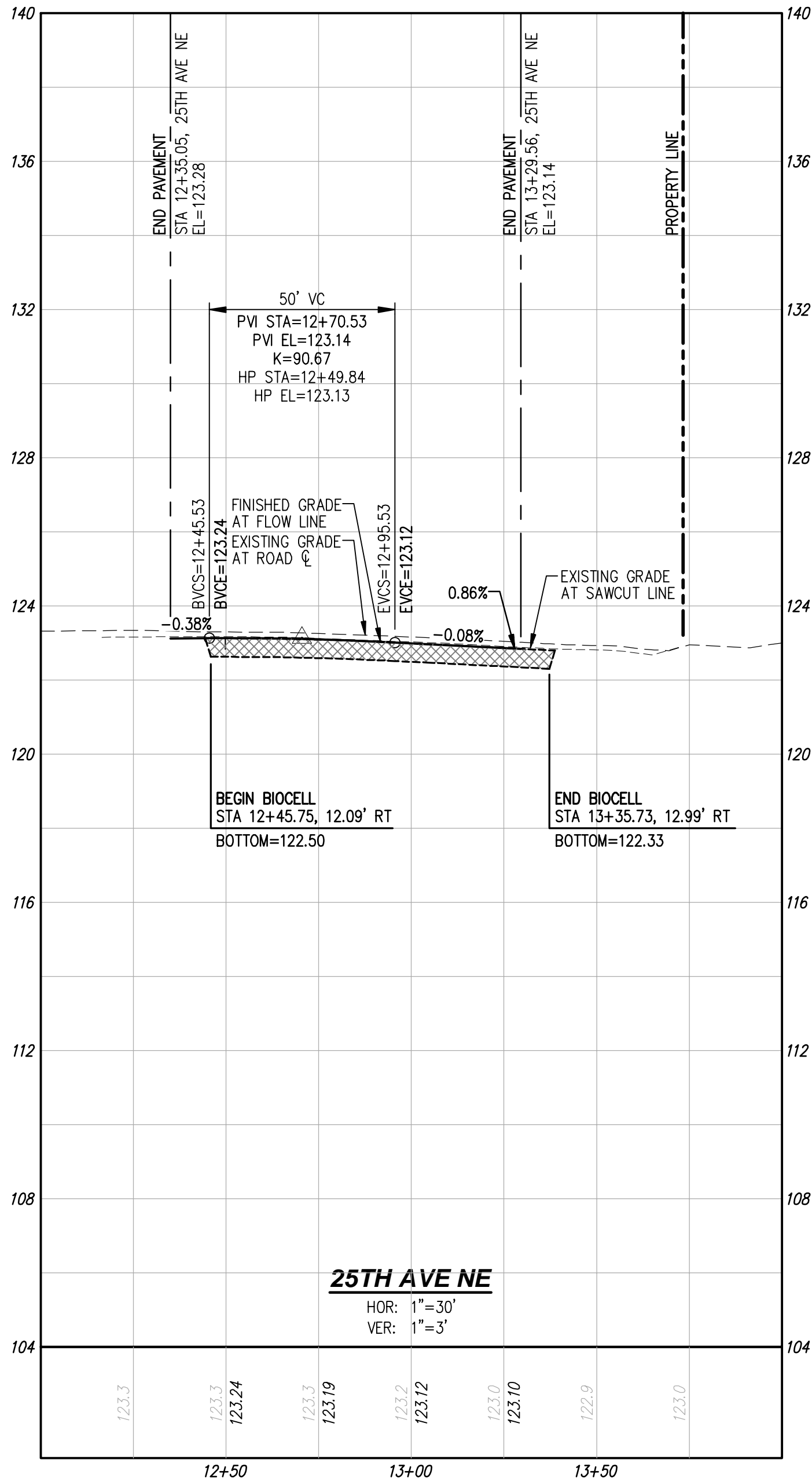


JOB NUMBER: C21203  
DRAWING NAME: C21203A-RD-PL  
DESIGNER: TPA  
DRAFTING BY: JDG  
DATE: 5-05-22  
SCALE: 1"=30'  
JURISDICTION: MARYSVILLE

RD-01

SHEET 8 OF 25





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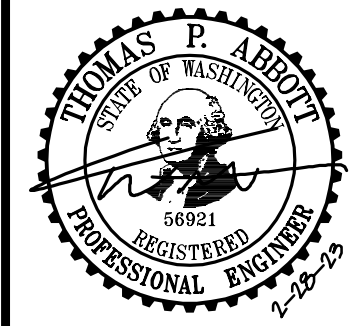
BY: KEN MCINTYRE, PE, DEVELOPMENT SERVICES MANAGER

APPROVAL FOR 18 MONTHS FROM DATE OF SIGNATURE.

NO.	DATE	DESCRIPTION	REVISIONS	
			BY	TPA
1	2-28-23	RECORD DRAWINGS		

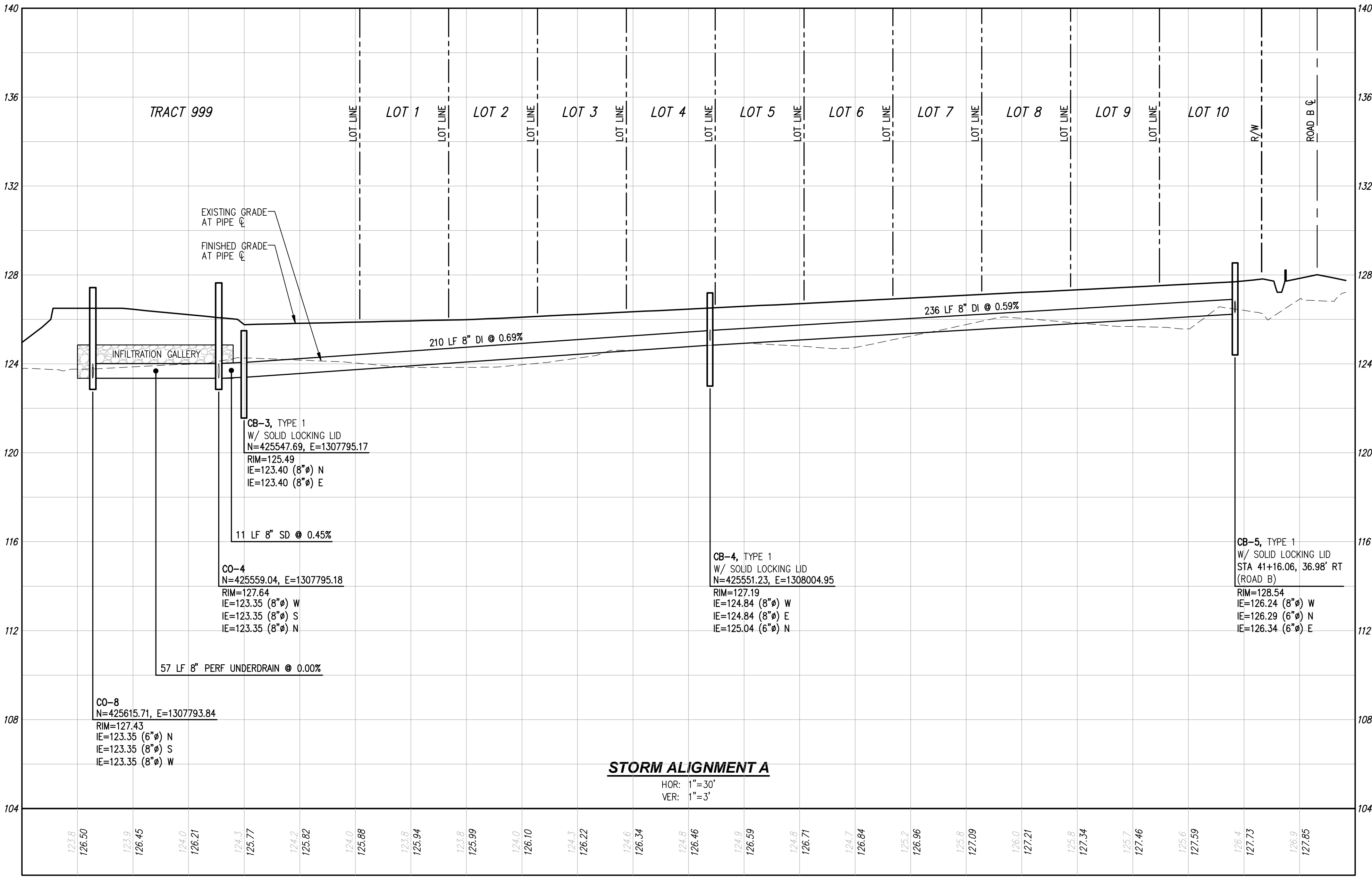
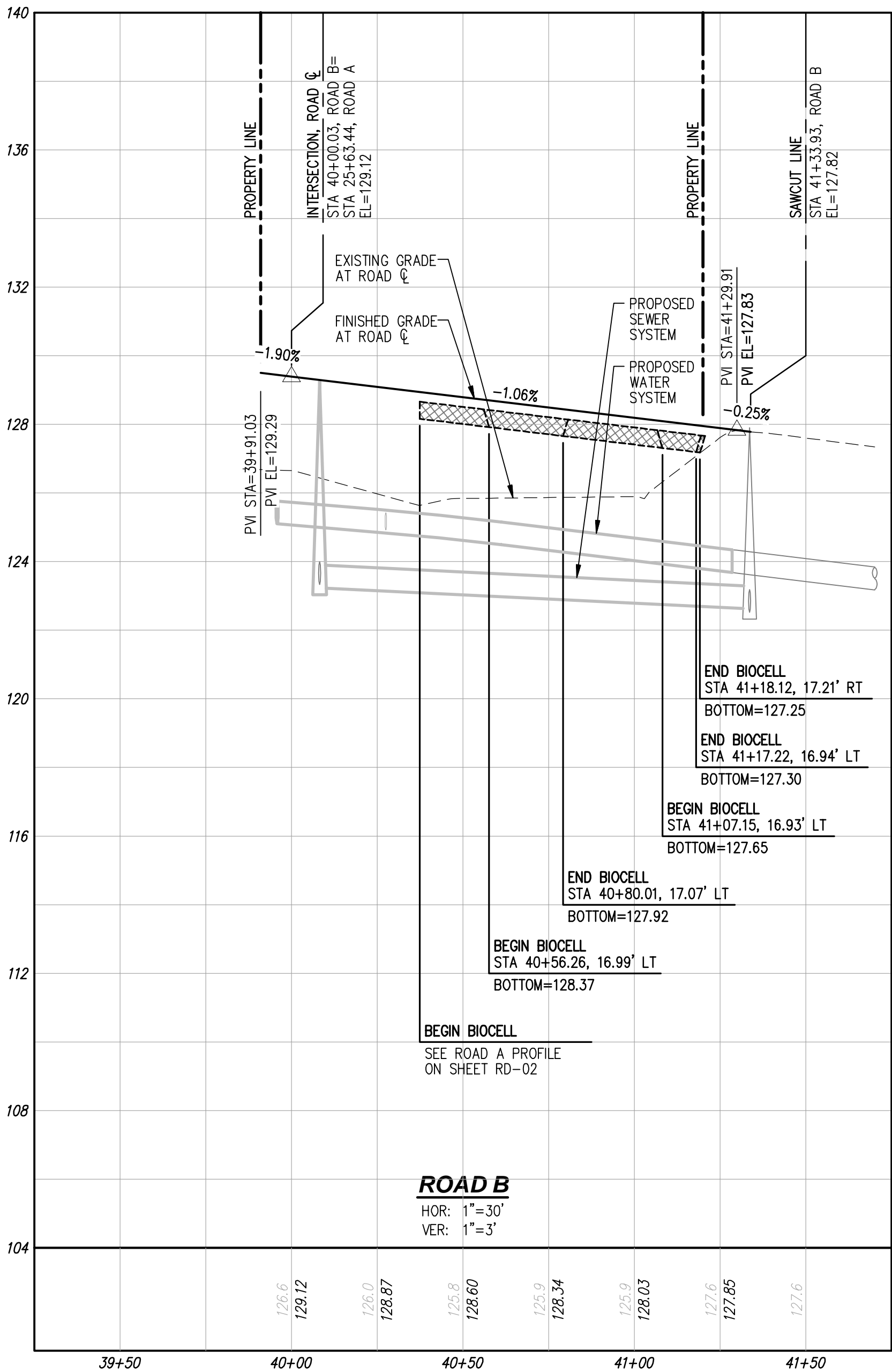
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HUSEBY HOMES  
EVANS PARK  
ROAD AND STORM DRAINAGE PROFILES



JOB NUMBER: C21203  
DRAWING NAME: C21203A-RD-PR  
DESIGNER: TPA  
DRAFTING BY: JDG  
DATE: 5-05-22  
SCALE: 1"=30'  
JURISDICTION: MARYSVILLE

RD-02



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CITY FILE NO: PA 22-003, G22-0023

**CITY OF MARYSVILLE CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT**

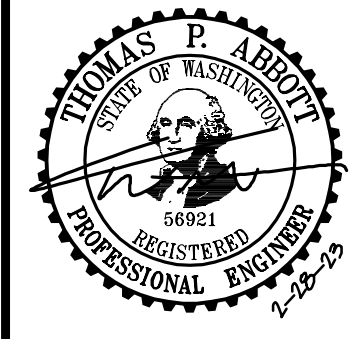
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THIS DAY OF \_\_\_\_\_  
BY: \_\_\_\_\_  
KEN MCINTYRE, PE, DEVELOPMENT SERVICES MANAGER  
APPROVAL FOR 18 MONTHS FROM DATE OF SIGNATURE.

NO.	DATE	DESCRIPTION	BY
1	2-28-23	RECORD DRAWINGS	TPA

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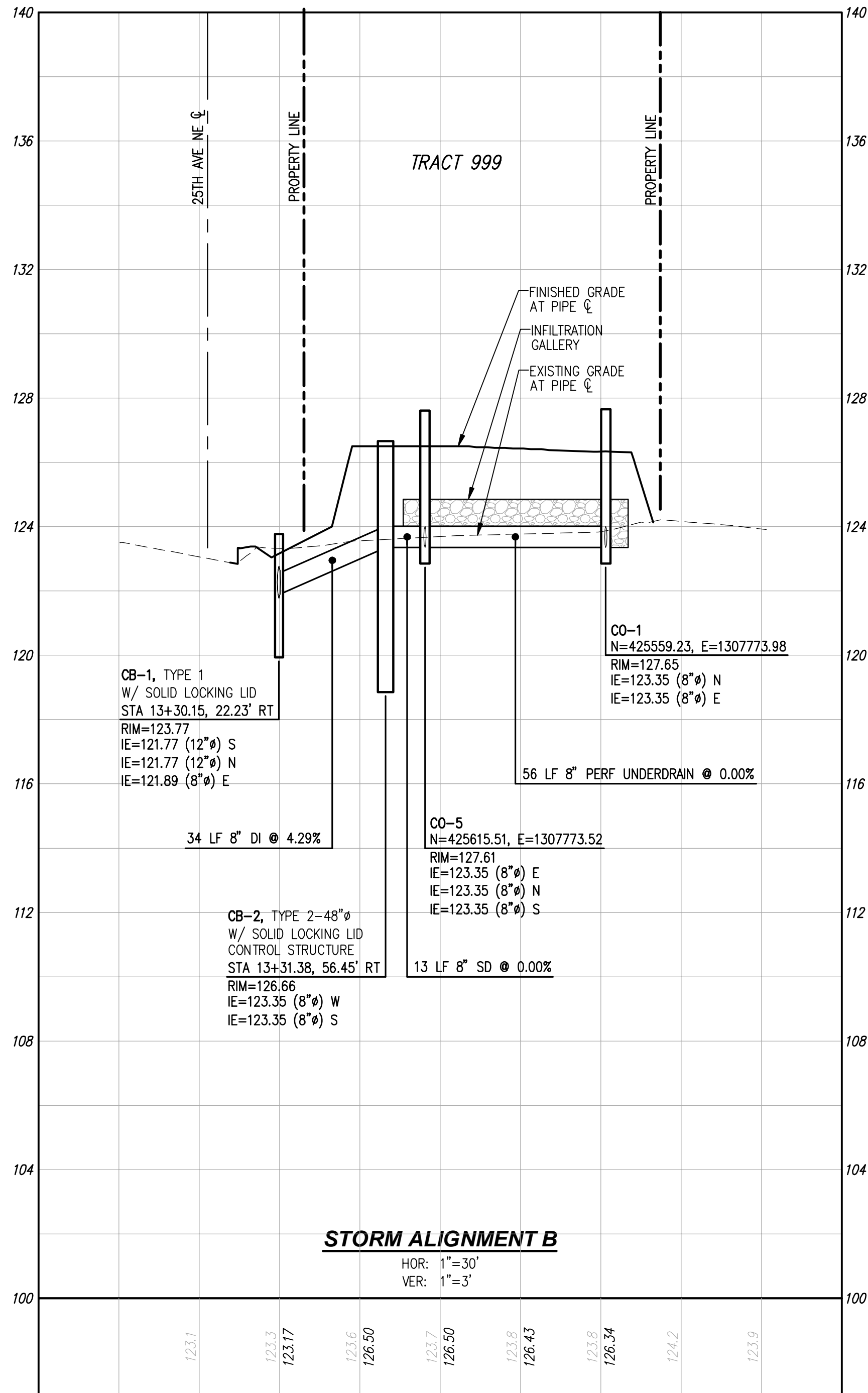
HUSEBY HOMES  
EVANS PARK  
ROAD AND STORM DRAINAGE PROFILES



JOB NUMBER: C21203  
DRAWING NAME: C21203A-RD-PR  
DESIGNER: TPA  
DRAFTING BY: JDG  
DATE: 5-05-22  
SCALE: 1"=30'  
JURISDICTION: MARYSVILLE

**RD-03**





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APPROVAL FOR 18 MONTHS FROM DATE OF SIGNATURE.

NO.	DATE	REVISIONS	
		DESCRIPTION	BY
1	2-28-23	RECORD DRAWINGS	TPA

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Engineering  
Planning

Kent

Woodinville  
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Woodinville, WA 98072  
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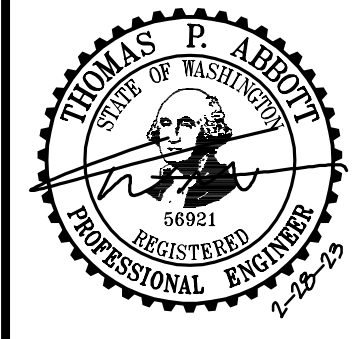
Olympia

20210 142nd Avenue NE  
Woodinville, WA 98072  
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T 425.806.1869

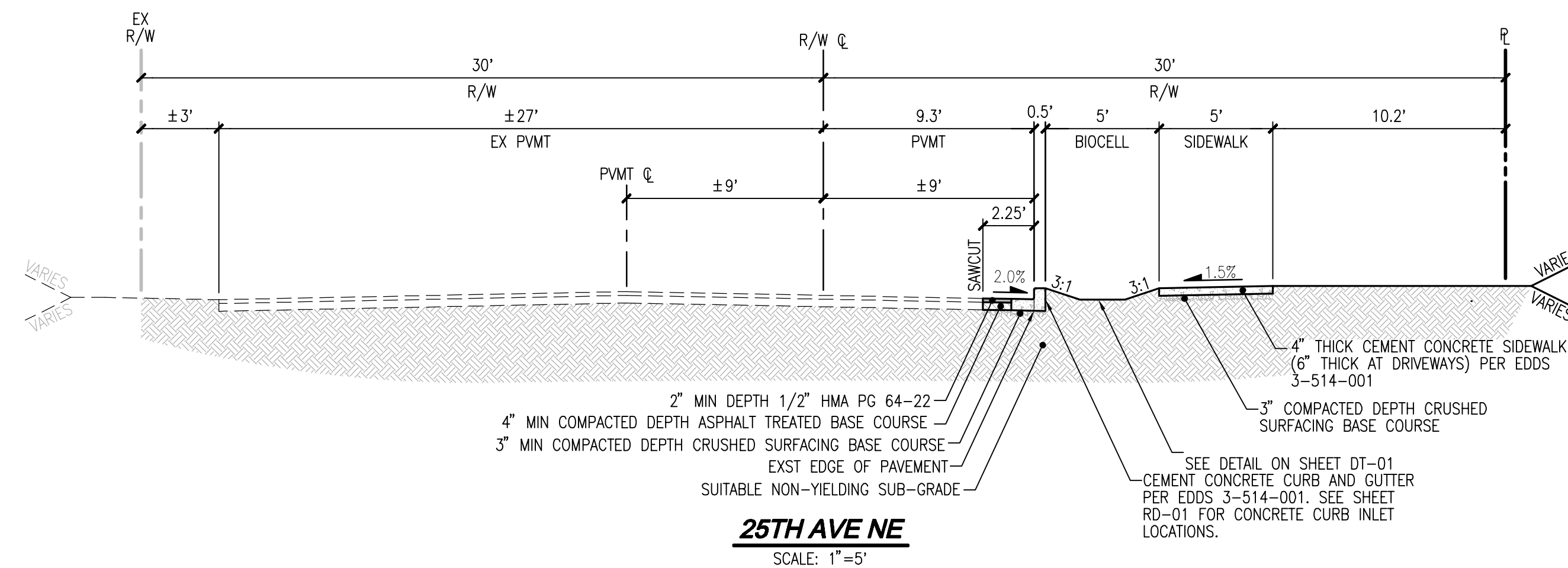
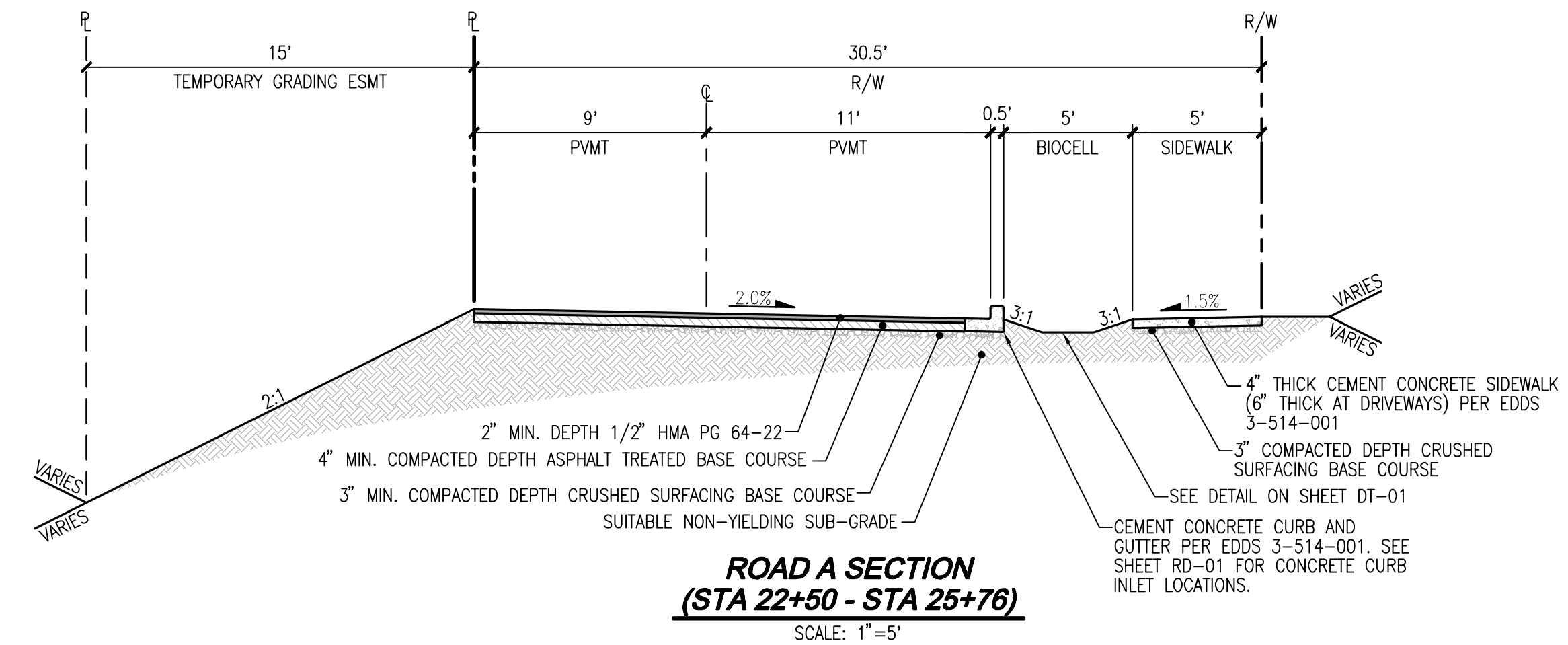
F 425.482.2893

HUSEBY HOMES  
EVANS PARK  
ROAD AND STORM DRAINAGE PROFILES



JOB NUMBER: C21203  
DRAWING NAME: C21203A-RD-PR  
DESIGNER: TPA  
DRAFTING BY: JDG  
DATE: 5-05-22  
SCALE: 1"=20'  
JURISDICTION: MARYSVILLE

RD-04

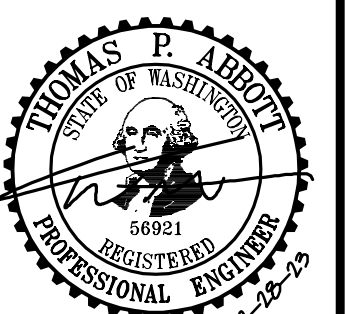


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 Utilities Underground Location Center

BY: \_\_\_\_\_  
KEN MCINTYRE, PE, DEVELOPMENT SERVICES MANAGER

APPROVAL FOR 18 MONTHS FROM DATE OF SIGNATURE.

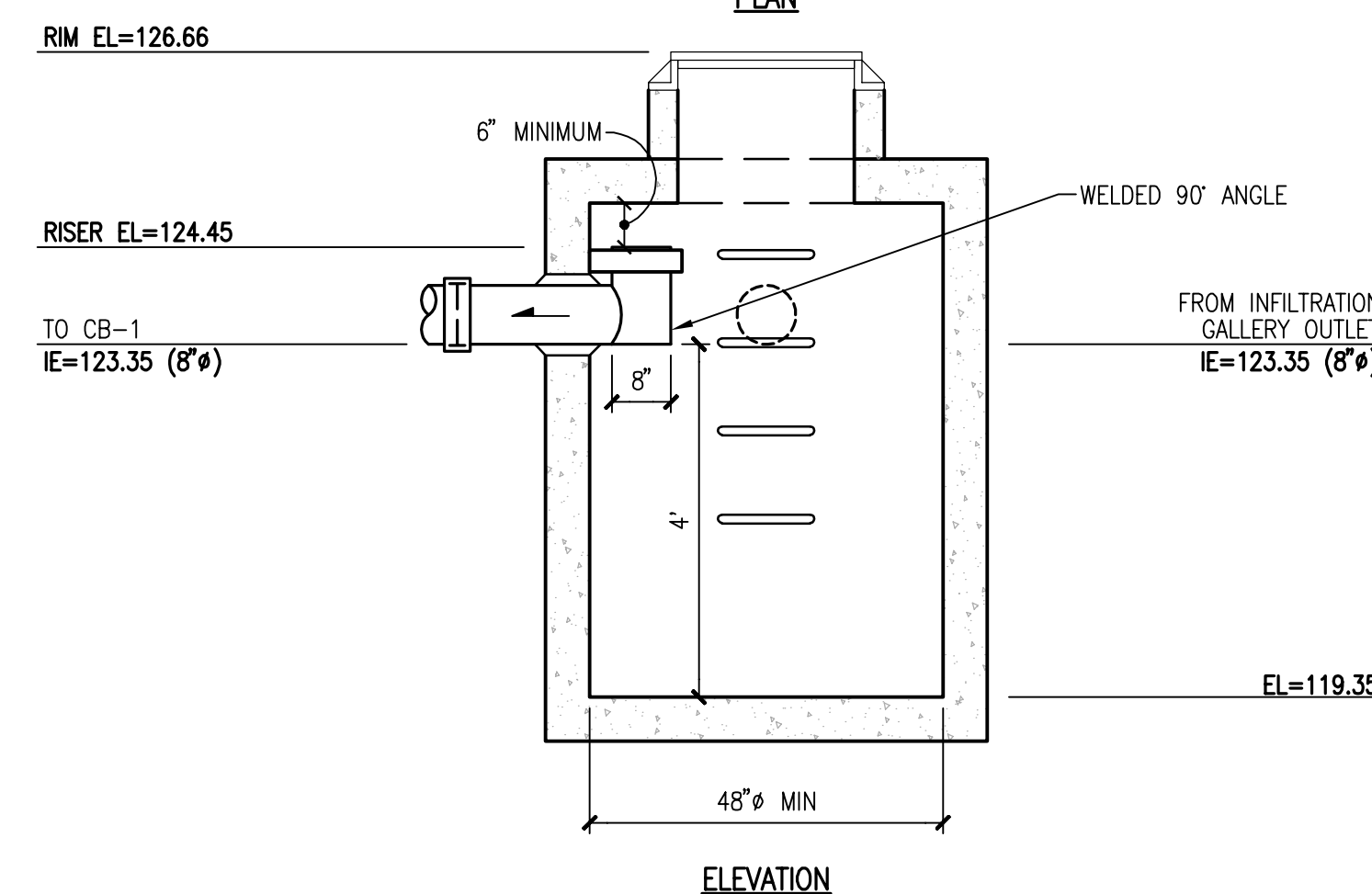
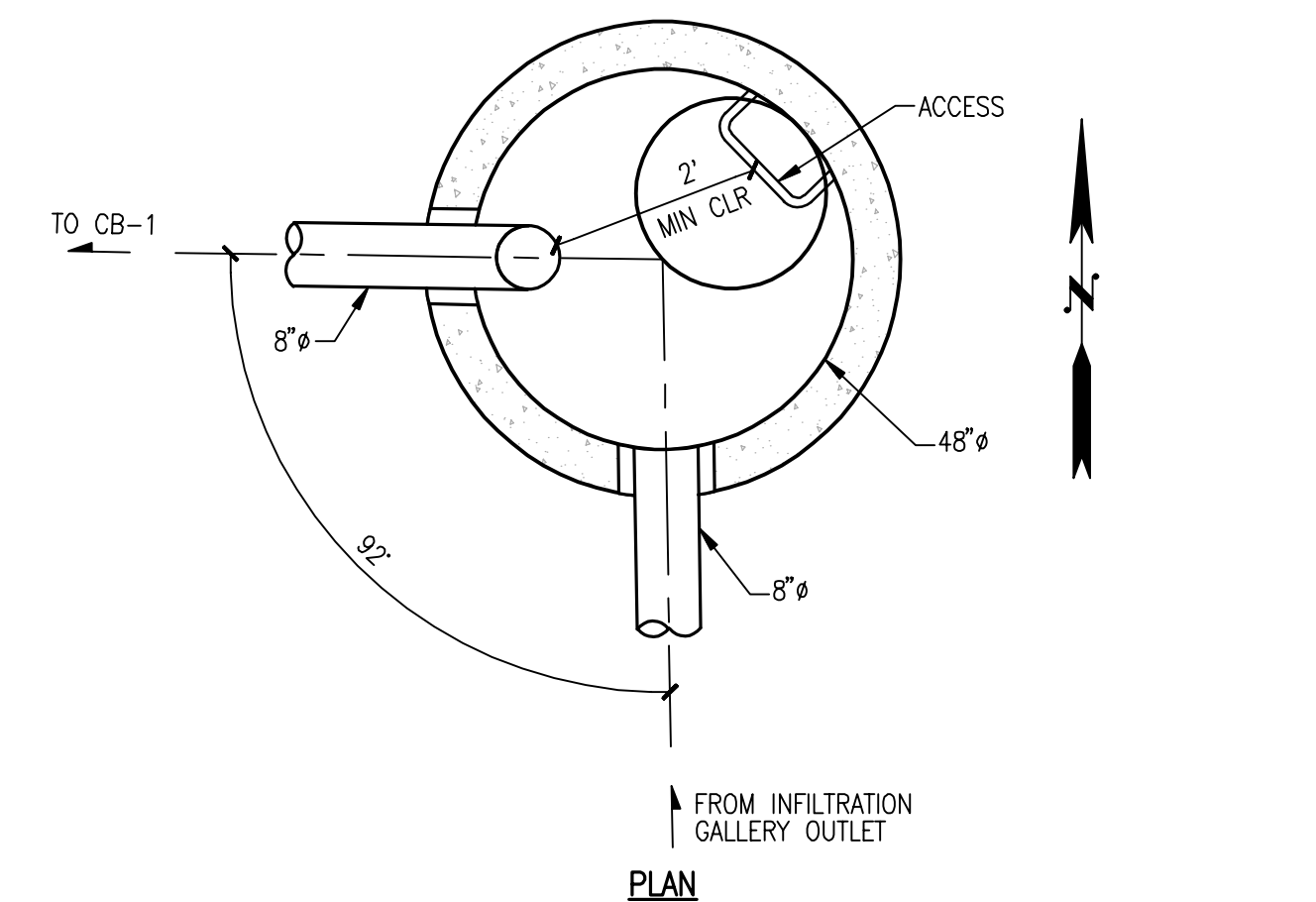
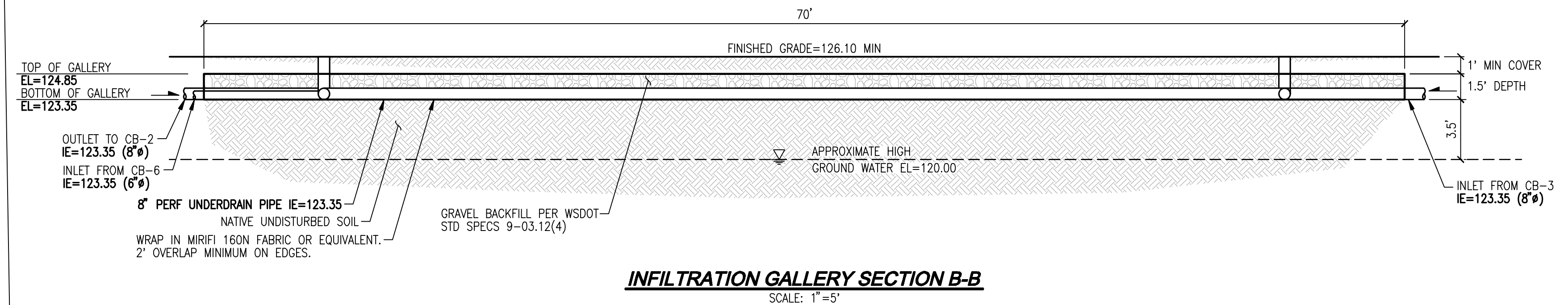
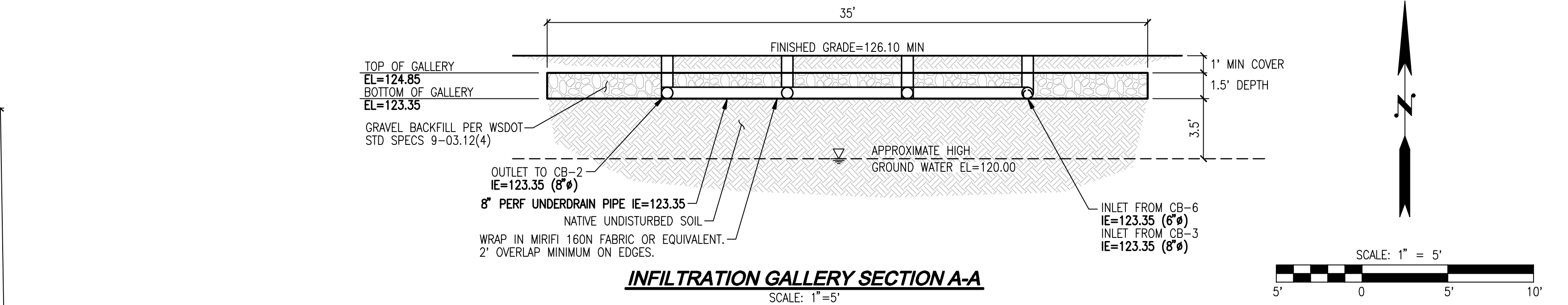
# HUSEBY HOMES EVANS PARK ROAD SECTIONS



**RD-05**

SHEET **12** OF **25**





1. METAL PARTS: CORROSION RESISTANT.  
NON-CALVANIZED PARTS PREFERRED. GALVANIZED  
PIPE PARTS TO HAVE ASPHALT TREATMENT 1.
2. FRAME AND LADDER OR STEPS OFFSET SO:  
A. CLIMB-DOWN SPACE IS CLEAR OF RISER.  
B. FRAME IS CLEAR OF CURB.
3. IF METAL OUTLET PIPE CONNECTS TO CEMENT  
CONCRETE PIPE: OUTLET PIPE TO HAVE SMOOTH  
O.D. EQUAL TO CONCRETE PIPE I.D. LESS 1/4".  
PROVIDE AT LEAST ONE 3"x0.90 GAGE SUPPORT  
BRACKET ANCHORED TO CONCRETE WALL (MAXIMUM  
3'-0" VERTICAL SPACING).

BEGIN INFILTRATION EL:	123.50
TOP OF RISER EL:	124.50
LIVE STORAGE DEPTH:	1.0'
TOP OF INFILTRATION FACILITY EL:	125.00'
GROUNDWATER ELEVATION EL:	120.00' (3'-4" BELOW SURFACE PER GEOTECHNICAL REPORT)
SEPARATION FROM GROUNDWATER EL:	3.5'
FOOTPRINT:	35'x70'=2,450 SF
DESIGN INFILTRATION RATE:	10 IN/HR

1. INFILTRATION RATE UTILIZED= 10 IN/HR. GEOTECHNICAL ENGINEER TO CONFIRM FIELD RATES BY TESTING INFILTRATION SURFACE PRIOR TO INFILTRATION GALLERY CONSTRUCTION.
2. INFILTRATION SURFACE TO BE PROTECTED THROUGHOUT CONSTRUCTION FROM COMPACTION.
3. ANY UNSUITABLE UNDOCUMENTED FILL SHALL BE REMOVED IN ANY AREA WHERE INFILTRATION WILL TAKE PLACE.

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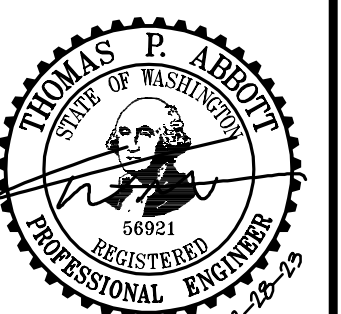
**LDC**

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**Surveying  
Engineering  
Planning**

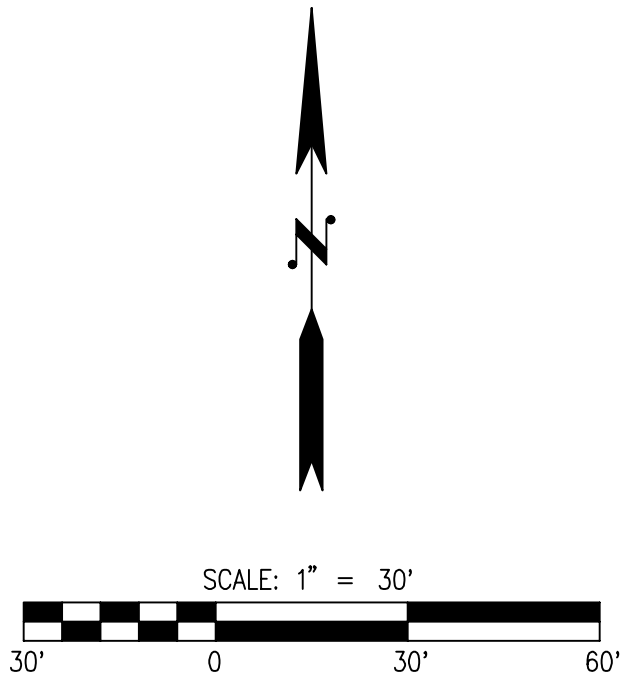
<b>Kent</b>	<b>Woodville</b>	<b>Olympia</b>
20210 42nd Avenue NE	20210 42nd Avenue NE	
Woodinville, WA 98072	Woodinville, WA 98072	
T. 425.806.1869	<a href="http://www.LDCcorp.com">www.LDCcorp.com</a>	F. 425.482.2893

**EVANS PARK**



B NUMBER:	C21209
DRAWING NAME:	C21209A-SD-PL
SIGNER:	TPA
DRAFTING BY:	JDG
DATE:	5-05-22
SCALE:	1"=10'
JURISDICTION:	MARYSVILLE

SD-01



KEY NOTES

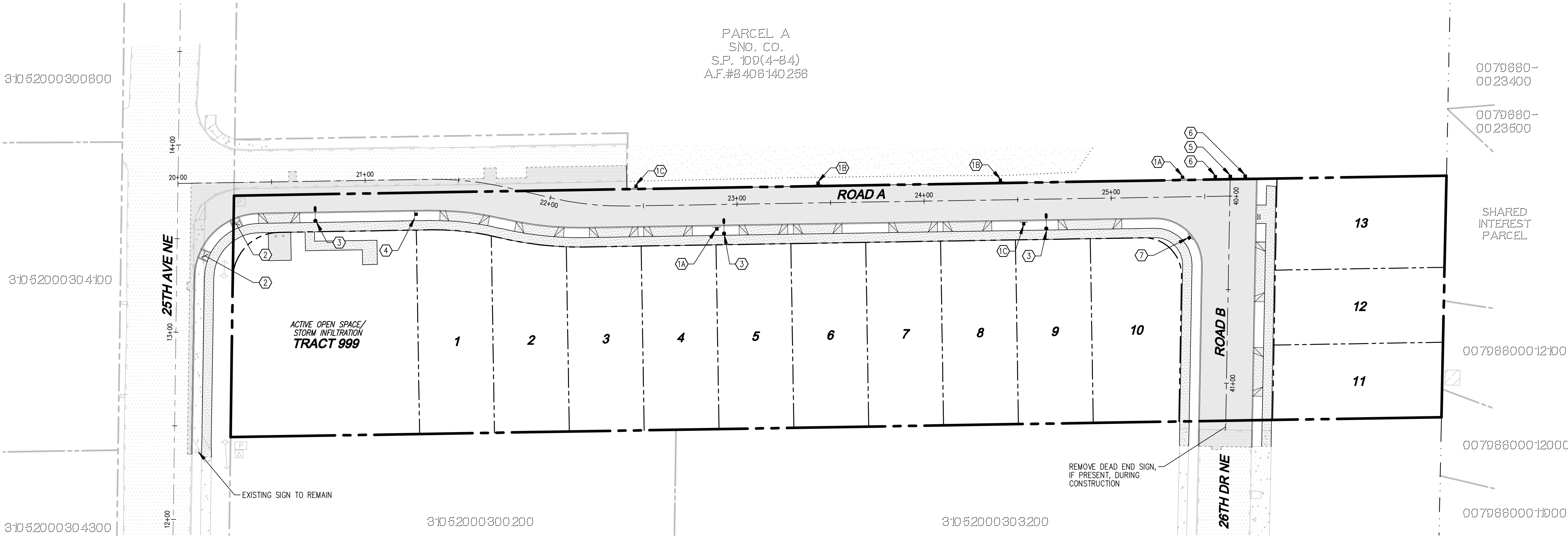
- 1A "NO PARKING" SIGN PER DETAIL, THIS SHEET
- 1B "NO PARKING" SIGN PER DETAIL, THIS SHEET
- 1C "NO PARKING" SIGN PER DETAIL, THIS SHEET
- 2 CURB RAMP PER WSDOT TYP
- 3 STREET LIGHT PER EDDS STD. DETAIL 3-506-001
- 4 25 MPH SPEED LIMIT SIGN PER MUTCD (R2-1)
- 5 FUTURE ROAD CONNECTION
- 6 TYPE IV OBJECT MARKERS
- 7 STREET NAME SIGN PER STD 3-805-001

LEGEND

- STREET LIGHT
- SIGN ("NO PARKING" UNLESS OTHERWISE NOTED)
- FULL DEPTH ASPHALT
- CONCRETE
- SIGHT DISTANCE LINE

STREET LIGHT NOTES

- LUMEC RENAISSANCE SERIES STREET LIGHTING TO BE INSTALLED ALONG 25TH AVE NE. WATTAGE TO MATCH OTHER SIMILAR LIGHTING ALONG 25TH AVE NE.
- 100 WATT LED PUD FIBERGLASS STREET LIGHTING TO BE INSTALLED ALONG ROAD A AND ROAD B.
- STREET LIGHTING TO BE INSTALLED IN ACCORDANCE WITH SECTION 8-20 OF THE CITY OF MARYSVILLE STANDARD SPECIFICATIONS AND EDDS STANDARD DETAIL 3-506-001.



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CITY FILE NO: PA 22-003, G22-0023

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BY: KEN MCINTYRE, PE, DEVELOPMENT SERVICES MANAGER

APPROVAL FOR 18 MONTHS FROM DATE OF SIGNATURE.

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Olympia

F 425.482.2893

HUSEBY HOMES

EVANS PARK

CHANNELIZATION PLAN

THOMAS P. ARBETZ  
PROFESSIONAL ENGINEER  
66921

JOB NUMBER: C21203  
DRAWING NAME: C21203A-CH-PL  
DESIGNER: TPA  
DRAFTING BY: JDG  
DATE: 5-05-22  
SCALE: 1"=30'  
JURISDICTION: MARYSVILLE

CH-01

SHEET 14 OF 25



1. ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF MARYSVILLE. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE APPROVED ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTRACT DEVELOPMENT SERVICES AT (360-363-8100) TO SCHEDULE THE MEETING. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN SET OF APPROVED PLANS AT THE MEETING.
2. AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT THE CONTRACTOR SHALL OBTAIN A "PUNCH LIST" PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER, SANITARY SEWER AND STORM SYSTEMS.
3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF MARYSVILLE CITY ENGINEERING DESIGN AND DEVELOPMENT STANDARDS (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").
4. ALL WORK WITHIN THE DEVELOPMENT AND CITY RIGHT-OF-WAY SHALL BE SUBJECT TO THE INSPECTION OF THE CITY ENGINEER OR DESIGNATED REPRESENTATIVE.
5. PRIOR TO ANY SITE CONSTRUCTION INCLUDING CLEARING/LOGGING OR GRADING, THE SITE CLEARING LIMITS SHALL BE LOCATED AND FIELD IDENTIFIED BY THE PROJECT SURVEYOR (OR PROJECT ENGINEER) AS REQUIRED BY THESE PLANS. THE PROJECT SURVEYOR'S NAME AND PHONE NUMBER IS DARREN RIDDLE, PLUS AT (425) 512-7099.
6. THE DEVELOPER, CONTRACTOR AND PROJECT ENGINEER IS RESPONSIBLE FOR WATER QUALITY AS DETERMINED BY THE MONITORING PROGRAM ESTABLISHED BY THE PROJECT ENGINEER. THE PROJECT ENGINEER'S NAME AND PHONE NUMBER IS MARK WILKWOOD AT (425) 806-1869.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS FOR UTILITY, ROAD, AND RIGHT-OF-WAY CONSTRUCTION. THE CONTRACTOR FOR THIS PROJECT IS TO BE DETERMINED.
8. THE CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN (SWPPP) BEST MANAGEMENT PRACTICES (BMP'S) SHALL BE COLLECTED IN ACCORDANCE WITH THE APPROVED SWPPP PRIOR TO ANY GRADING OR EXTENSIVE LAND CLEARING. THESE FACILITIES MUST BE SATISFACTORILY MAINTAINED UNTIL CONSTRUCTION AND LANDSCAPING IS COMPLETED AND FINAL STABILIZATION HAS OCCURRED. SEDIMENT LADEN WATERS SHALL NOT ENTER THE CITY.
9. THE CONTRACTOR SHALL KEEP TWO SETS OF PLANS ON SITE AT ALL TIMES FOR RECORDING RECORD DRAWING INFORMATION; ONE SET SHALL BE SUBMITTED TO THE PROJECT ENGINEER, AND ONE SET SHALL BE SUBMITTED TO THE CITY ENGINEER AT COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL ACCEPTANCE OF WORK.
10. PRIOR TO CONSTRUCTION THE OWNER AND/OR CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND THE CITY ENGINEER WHEN CONFLICTS EXIST BETWEEN THE PLANS AND FIELD CONDITIONS. CONFLICTS SHALL BE RESOLVED (INCLUDING PLAN AND PROFILE REVISIONS) AND RESUBMITTED FOR APPROVAL PRIOR TO PROCEEDING WITH CONSTRUCTION.
11. ANY REVISIONS MADE TO THESE PLANS, OR CHANGES TO THE DESIGN MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE CITY PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
12. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. PRIOR TO CONSTRUCTION THE OWNER AND/OR CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND THE CITY ENGINEER WHEN CONFLICTS EXIST BETWEEN THE PLANS AND FIELD CONDITIONS. CONFLICTS SHALL BE RESOLVED (INCLUDING PLAN AND PROFILE REVISIONS) AND RESUBMITTED FOR APPROVAL PRIOR TO PROCEEDING WITH CONSTRUCTION.
13. THE CITY OF MARYSVILLE HORIZONTAL DATUM SHALL BE NAD 83, AND THE VERTICAL DATUM SHALL BE NAVD 83. IN WASHINGTON STATE PLANE COORDINATE (FEET), WASHINGTON NORTH ZONE 4601, A LIST OF BENCHMARKS IS AVAILABLE THROUGH THE PUBLIC WORKS DEPARTMENT.
14. TEMPORARY STREET PATCHING SHALL BE ALLOWED FOR AS APPROVED BY THE CITY ENGINEER. TEMPORARY STREET PATCHING SHALL BE PROVIDED BY PLACEMENT AND COMPACTION OF ATB OR CLASS B ASPHALT CONCRETE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AS REQUIRED.
15. PROVIDE TRAFFIC CONTROL PLAN(S) IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS REQUIRED.
16. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE A COPY OF THESE APPROVED PLANS ON CONSTRUCTION SITE AT ALL TIMES.
17. ANY STRUCTURAL OR NON-STRUCTURAL QUESTIONS THAT REQUIRES REMOVAL OR RELOCATION RELATING TO THIS PROJECT SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.
18. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE ELEVATIONS AND LOCATIONS OF HIDDEN UTILITIES. ALL VISIBLE ITEMS SHALL BE THE ENGINEER'S RESPONSIBILITY. LOCATION OF UTILITIES SHOWN ON CONSTRUCTION PLANS ARE BASED ON BEST RECORDS AVAILABLE AND ARE SUBJECT TO VARIATION. FOR ASSISTANCE IN UTILITY LOCATION, CALL 1-800-424-5555.
19. THE CONTRACTOR SHALL INSTALL, REPLACE, OR RELOCATE ALL SIGNS, AS SHOWN ON THE PLANS OR AS AFFECTED BY CONSTRUCTION, PER CITY STANDARDS.
20. POWER, STREET LIGHT, CABLE, AND TELEPHONE LINES SHALL BE IN A TRENCH LOCATED WITHIN A MINIMUM UTILITY DEPTH. ALL UTILITIES SHALL BE LOCATED TO THE RIGHT-OF-WAY CROSSINGS SHALL HAVE A MINIMUM HORIZONTAL SEPARATION FROM OTHER UTILITIES (SEWER, WATER, AND STORM) OF 5 FEET.
21. ALL CONSTRUCTION SURVEYING FOR EXTENSIONS OF PUBLIC UTILITIES SHALL BE DONE UNDER THE DIRECTION OF A WASHINGTON STATE LICENSED LAND SURVEYOR OR A WASHINGTON STATE LICENSED PROFESSIONAL CIVIL ENGINEER.
22. DURING CONSTRUCTION, ALL PUBLIC STREETS ADJACENT TO THIS PROJECT SHALL BE KEPT CLEAN OF ALL MATERIAL DEPOSITS RESULTING FROM ON-SITE CONSTRUCTION, AND EXISTING STRUCTURES SHALL BE PROTECTED AS DIRECTED BY THE CITY.
23. CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO PROJECT ACCEPTANCE.
24. A NPDES STORMWATER GENERAL PERMIT MAY BE REQUIRED BY THE DEPARTMENT OF ECOLOGY FOR THIS PROJECT. FOR INFORMATION VISIT THE DEPARTMENT OF ECOLOGY WEB SITE [WWW.ECY.WA.GOV/PROGRAMS/WQ/STORMWATER/CONSTRUCTION/](http://WWW.ECY.WA.GOV/PROGRAMS/WQ/STORMWATER/CONSTRUCTION/).
25. ANY DISTURBANCE OR DAMAGE TO CRITICAL AREAS AND ASSOCIATED BUFFERS, OR SIGNIFICANT TREES DESIGNATED FOR PRESERVATION AND PROTECTION SHALL BE MITIGATED IN ACCORDANCE WITH A MITIGATION PLAN REVIEWED AND APPROVED BY THE CITY'S PLANNING DIVISION. PREPARATION AND IMPLEMENTATION OF THE MITIGATION PLAN SHALL BE AT THE DEVELOPER'S EXPENSE.
26. A GRADING PERMIT ISSUED PURSUANT TO THE CURRENT ADOPTED INTERNATIONAL BUILDING CODE, AND APPROVAL OF THE TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE OBTAINED FROM THE COUNTY DEVELOPMENT DEPARTMENT PRIOR TO ANY ON-SITE GRADING WORK NOT EXPRESSLY EXEMPT TO THE CURRENT ADOPTED INTERNATIONAL BUILDING CODE.
27. PRIOR TO COMMENCEMENT OF FRAMING, FINAL DRAINAGE INSPECTION AND APPROVAL OF THE ROOF LEADER AND POSITIVE FOOTING SYSTEMS SHALL BE COMPLETED BY THE BUILDING DEPARTMENT. CALL 360-363-8100 TO SCHEDULE THE INSPECTION

1. MONUMENTS SHALL BE INSTALLED AT ALL STREET INTERSECTIONS, AT ANGLE POINTS, AND POINTS OF CURVATURE IN EACH STREET. ALL BOUNDARY MONUMENTS MUST BE INSTALLED ACCORDING TO THE WASHINGTON STATE SUBMISSION LAWS.
2. CURB AND GUTTER INSTALLATION SHALL CONFORM TO CITY STANDARD DETAIL 3-514.
3. SIDEWALKS AND DRIVEWAYS SHALL BE INSTALLED AS LOTS ARE BUILT ON OR PRIOR TO FINAL PLAT. SIDEWALKS, SIDEWALKS, AND DRIVEWAYS SHALL CONFORM TO CITY STANDARD DETAIL 3-503--001 AND 3--002. IF ASPHALT IS DAMAGED DURING REPLACEMENT OF CURB AND GUTTER, THE REPAIR SHALL CONFORM TO CITY STANDARD DETAIL 3-514--001.
4. THE SURROUNDING GROUND (5 FEET BEYOND THE BASE) FOR ALL POWER TRANSFORMERS, TELEPHONE/TV PEDESTALS, AND STREET LIGHT MAIN DISCONNECTS SHALL BE GRADED TO A POSITIVE 2 PERCENT SLOPE FROM TOP OF CURB.
5. SIGNAGE AND TRAFFIC CONTROL DEVICES ARE SAFETY ITEMS AND SHALL BE INSTALLED PRIOR TO ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY OR PLAT APPROVAL. HOWEVER, IN LARGER DEVELOPMENTS, THE CITY ENGINEER SHALL BE NOTIFIED OF THE SIGNAGE TO BE DETERMINED AFTER FINAL BUILDOUT WHEN TRAFFIC PATTERNS HAVE BEEN ESTABLISHED. IN THIS CASE, CONTRACTOR SHALL PROVIDE INDICATED "CITY-PLACED" SIGNS, SIGNPOSTS, AND BRACKETS TO THE CITY SIGN SPECIALIST (425) 328-7954 FOR LATER INSTALLATION BY THE CITY. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
6. PRIOR TO ANY SIGN OR STRIPING INSTALLATION OR REMOVAL THE CONTRACTOR SHALL CONTACT THE CITY SIGN SPECIALIST (425) 328-7954 TO ARRANGE FOR AN ON-SITE MEETING TO DISCUSS THE COMMUNITY.
7. ONE REVISED STOP SIGNS OR YIELD SIGNS SHALL BE ADVANCE WARNED USING THE PROCEDURE OUTLINED IN THE MUTCD. ADVANCE WARNING SIGNS AND FLAGS SHALL BE MAINTAINED BY INSTALLER FOR 30 DAYS AND THEN REMOVED.

1. DURING CONSTRUCTION, ALL EXISTING AND NEWLY INSTALLED DRAINAGE STRUCTURES SHALL BE PROTECTED FROM SEDIMENTS.
2. ALL STORM MANHOLES SHALL CONFORM TO CITY STANDARD DETAIL NO. 4-08-009. FLOW CONTROL MANHOLE/OIL WATER SEPARATOR SHALL CONFORM TO CITY STANDARD DETAIL NO. 4-04-004.
3. MANHOLE RING AND COVER SHALL CONFORM TO CITY STANDARD DETAIL 4-08-009 AND 4-08-005 THRU 4-08-024. THE COVER SHALL BE MARKED WITH "STORM" OR "DRAIN" IN 2" INCH RAISED LETTERS. MINIMUM HEIGHT OF THE FRAME SHALL BE 210 POUNDS. MINIMUM WEIGHT OF THE COVER SHALL BE 150 POUNDS.
4. CATCH BASINS SHALL BY TYPE I UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER OR DESIGNATED REPRESENTATIVE. TYPE I CATCH BASINS SHALL CONFORM TO CITY STANDARD DETAIL NO. 4-08-007 AND 4-08-008 AND SHALL BE USED ONLY FOR DEPTHS LESS THAN 5 FEET FROM TOP OF THE GRATE TO THE INVERT OF THE STORM PIPE.
5. CATCH BASINS TYPE II SHALL CONFORM TO CITY STANDARD DETAIL NO. 4-08-009 AND SHALL BE 50R DEPTHS GREATER THAN 5 FEET FROM TOP OF THE GRATE TO THE INVERT OF THE STORM PIPE.
6. CAST IRON OR DUCTILE IRON FRAME AND GRATE SHALL CONFORM TO CITY STANDARD DETAIL NO. 4-08-002. GRATE SHALL BE MARKED WITH "DRAINS TO STREAM". SOLID CATCH BASIN LIDS (SQUARE UNLESS NOTED AS ROUND) SHALL CONFORM TO WSDOT STANDARD PLAN B-30-20-02 (OLYMPIC FOUNDRY NO. SM60, SM52, OR SM44 OR EQUAL). VARNED GRATES SHALL BE REQUIRED ON ALL STORM STRUCTURES WHERE ROADWAY PROFILE IS GREATER THAN 3% AND SHALL CONFORM TO WSDOT STANDARD PLAN B-30-30-01 (OLYMPIC FOUNDRY NO. SM60V OR EQUAL). GRATES LOCATED IN THE GUTTER FLOW LINE SHALL BE EXPRESSED OUT OF THE SURFACE LEVEL.
7. ALL CATCH BASINS AND MANHOLES LOCATED OUTSIDE OF PAVED AREAS, SHALL BE PLACED IN A SIX FOOT SQUARE BY FOUR INCH THICK CONCRETE PAD.
8. ALL CATCH BASINS AND MANHOLES SHALL HAVE LOCKING LIDS. ROLLED GRATES ARE NOT APPROVED FOR USE OUTSIDE OF THE CITY RIGHT-OF-WAY OR FOR USE WITH TYPE II MANHOLES.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL MANHOLE, INLET AND CATCH BASIN FRAMES AND GRATES TO GRADE JUST PRIOR TO CURB INSTALLATION AND/OR PAVING.
10. TRENCHING, BEDDING, AND BACKFILL FOR PIPE SHALL CONFORM TO CITY STANDARD DETAIL NO. 3-703-002 AND-003.
11. TRENCH BACKFILL OF NEW UTILITIES AND STORMWATER DRAINAGE SYSTEM FEATURES SHALL BE COMPACTED TO 95% MAXIMUM DENSITY (MODIFIED PROCTOR) UNDER ROADWAYS AND 90% MAXIMUM DENSITY (MODIFIED PROCTOR) FOR ROADWAYS. COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTIONS 7-08.3(C) AND 2-03.3(1)(C) - METHOD B AS DEFINED IN THE CURRENT EDITION OF THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION. FOR PERMEABLE PAVEMENT AND OTHER STORMWATER BMPs, DESIGNED TO INFILTRATE SUBGRADE COMPACTION SHOULD BE "FIRM" TO THE TOLERANCE OF (QUALITY ASSURANCE) AND 92% STANDARD PROCTOR (QUANTITATIVE). DO NOT ALLOW HEAVY COMPACTION DUE TO HEAVY EQUIPMENT OPERATION. THE SUBGRADE SHOULD NOT BE SUBJECT TO TRUCK TRAFFIC.
12. STORM PIPE SHALL BE A MINIMUM OF 10 FEET AWAY FROM BUILDING FOUNDATIONS AND/OR ROOF LINES.
13. AFTER ALL OTHER UTILITIES ARE INSTALLED AND PRIOR TO ASPHALT WORK, ALL STORM PIPE SHALL PASS A LOW PRESSURE AIR TEST IN ACCORDANCE WITH SECTION 7-04.3(1) E & F OF THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION. JOINTS SHALL BE TESTED WITH PIPE LOADED AND COMPACTED TO FINISH GRADE. PRODUCTS USED TO SEAL THE INSIDE OF THE PIPE ARE NOT TO BE USED TO OBTAIN THE AIR TEST.
14. ALL TEMPORARY SEDIMENTATION AND EROSION CONTROL MEASURES, AND PROTECTIVE MEASURES FOR CRITICAL AREAS, PRESERVED NATIVE VEGETATION AND SIGNIFICANT TREES SHALL BE INSTALLED PRIOR TO INITIATING ANY CONSTRUCTION ACTIVITIES.
15. STORMWATER FACILITIES WITH SIDE SLOPES STEEPER THAN 3:1 OR WITH A MAXIMUM WATER DEPTH GREATER THAN 3 FEET SHALL REQUIRE A POWDER OR VINYL COATED CHAIN LINK PERIMETER FENCE PER STANDARD PLANS 3-501-007 AND -008. SIDE SLOPE AVERAGING SHALL NOT BE ALLOWED. ALL INLET AND OUTFALL PIPES SHALL HAVE A TRASH RACK INSTALLED AND A MORTARED RIPRAP HEADWALL. REFER TO STORM DRAINAGE NOTE 21.
16. PRIOR TO SIDEWALK CONSTRUCTION; LOT DRAINAGE SYSTEMS, STUB-OUTS AND ANY BEHIND SIDEWALK DRAINS MUST BE INSTALLED AS REQUIRED. PIPE SHALL BE PVC 3034, OR SDR-35. STUB-OUTS SHALL BE MARKED WITH A 2" X 4" WITH 3 FEET VISIBLE ABOVE GRADE AND MARKED "STORM". LOCATIONS OF THESE INSTALLATIONS SHALL BE SHOWN ON THE RECORD DRAWING CONSTRUCTION PLANS SUBMITTED TO THE CITY.
17. STORM WATER RETENTION/DETENTION FACILITIES, STORM DRAINAGE PIPE AND CATCH BASINS, SHALL BE DESIGNED AND CLEANED BY THE DEVELOPER PRIOR TO: CITY OF MARYSVILLE FINAL ACCEPTANCE OF THE PROJECT AND; UPON COMMENCEMENT AND COMPLETION OF THE 2-YEAR WARRANTY PERIOD FOR THE STORM DRAINAGE SYSTEM.
18. UNLESS OTHERWISE NOTED, ALL STORM SEWER PIPE SHALL BE: (CP) NON-REINFORCED CONCRETE, ASTM C-14; (RCP) REINFORCED CONCRETE FOR CONCRETE PIPE DIAMETERS 24" OR GREATER, ASTM C-76; OR (CMP) CORRUGATED METAL. CMP TO BE: GALVANIZED STEEL WITH TREATMENT 1 ASPHALT COATING OR BETTER; OR CORRUGATED ALUMINUM; OR AASHTO M274-70 ALUMINIZED STEEL. ALL PIPES SHALL BE INSTALLED WITH RUBBER GASKETS AS PER MANUFACTURERS RECOMMENDATIONS.
19. COVER REQUIREMENTS FOR 12" DIAMETER PIPE:
  - A. BACKFILL OVER PIPE LESS THAN 12" REQUIRES RCP CLASS IV.
  - B. BACKFILL OVER PIPE LESS THAN 24" REQUIRES RCP MINIMUM.
  - C. BACKFILL OVER PIPE GREATER THAN 24" REQUIRES 16 GAGE CMP MINIMUM.
20. CORRUGATED POLYETHYLENE PIPE (CPP):
  - A. ALL PIPE SHALL BE SMOOTH INTERIOR. CPP SHALL BE DOUBLE-WALLED. ALL PIPE SHALL MEET AASHTO AND ASTM SPECIFICATIONS.
  - B. UPON REQUEST BY THE CITY INSPECTOR, ALL PIPE RINGS SHALL PASS THE LOW PRESSURE AIR TEST REQUIREMENTS OF SECTION 7-04.3(1) E & F OF THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION. PIPE RINGS SHALL BE TESTED WITH PIPE LOADED AND COMPACTED TO FINISH GRADE.
  - C. UPON REQUEST BY THE CITY INSPECTOR, PIPE SHALL BE SUBJECT TO MANDREL TESTING (MANDREL SIZE = 90% OF NOMINAL PIPE DIAMETER).
  - D. PIPE SHALL BE STORED ON SITE IN SHIPPING BUNKS ON A FLAT LEVEL SURFACE. THIS REQUIREMENT WILL BE STRICTLY ENFORCED; FAILURE TO COMPLY MAY RESULT IN REJECTION OF THE PIPE AND/OR FUTURE RESTRICTION ON USE OF MATERIAL.
  - E. MINIMUM DEPTH OF COVER SHALL BE 2 FEET.
  - F. COUPLINGS SHALL BE INTEGRAL BELL AND SPIGOT OR DOUBLE BELL SEPARATE COUPLINGS. SPLIT COUPLINGS WILL NOT BE ALLOWED.
  - G. BACKFILL SHALL COMPLY WITH SECTION 7-08.3(C) OF THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION MODIFIED AS FOLLOWS:



SCALE: 1"=2'



NOT TO SCALE

NOT TO SCALE

CITY FILE NO: PA 22-003, G22-0023

## CITY OF MARYSVILLE CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

THIS PLAN SHEET HAS BEEN REVIEWED AND EVALUATED FOR GENERAL COMPLIANCE WITH THE APPLICABLE CITY OF MAYSVILLE CODES AND ORDINANCES. CONFORMANCE OF THIS DESIGN WITH ALL APPLICABLE LAWS AND REGULATIONS IS THE FULL AND COMPLETE RESPONSIBILITY OF THE LICENSED DESIGN ENGINEER, WHOSE NAME AND SIGNATURE APPEAR ON THIS SHEET. ACKNOWLEDGMENT OF CONSTRUCTION DRAWING REVIEW DOES NOT IMPLY CITY APPROVAL FOR CONSTRUCTION ACTIVITIES THAT REQUIRED OTHER COUNTY, STATE OR FEDERAL PERMIT REVIEW AND APPROVAL. THE PROPERTY OWNER AND LICENSED DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE ACQUISITION AND COMPLIANCE OF ALL NECESSARY PERMITS OR AUTHORIZATIONS WHICH MAY INCLUDE, BUT NOT BE LIMITED TO, MISSOURI HYDRAULIC PROJECT APPROVAL (HPS), MISSOURI NOTICE OF INTENT (NOI), ANY CORPS OF ENGINEERS FILL PERMITS AND THE REQUIREMENTS OF THE ENDANGERED SPECIES ACT.

THIS DAY OF \_\_\_\_\_

BY: \_\_\_\_\_  
KEN MCINTYRE, PE, DEVELOPMENT SERVICES MANAGER

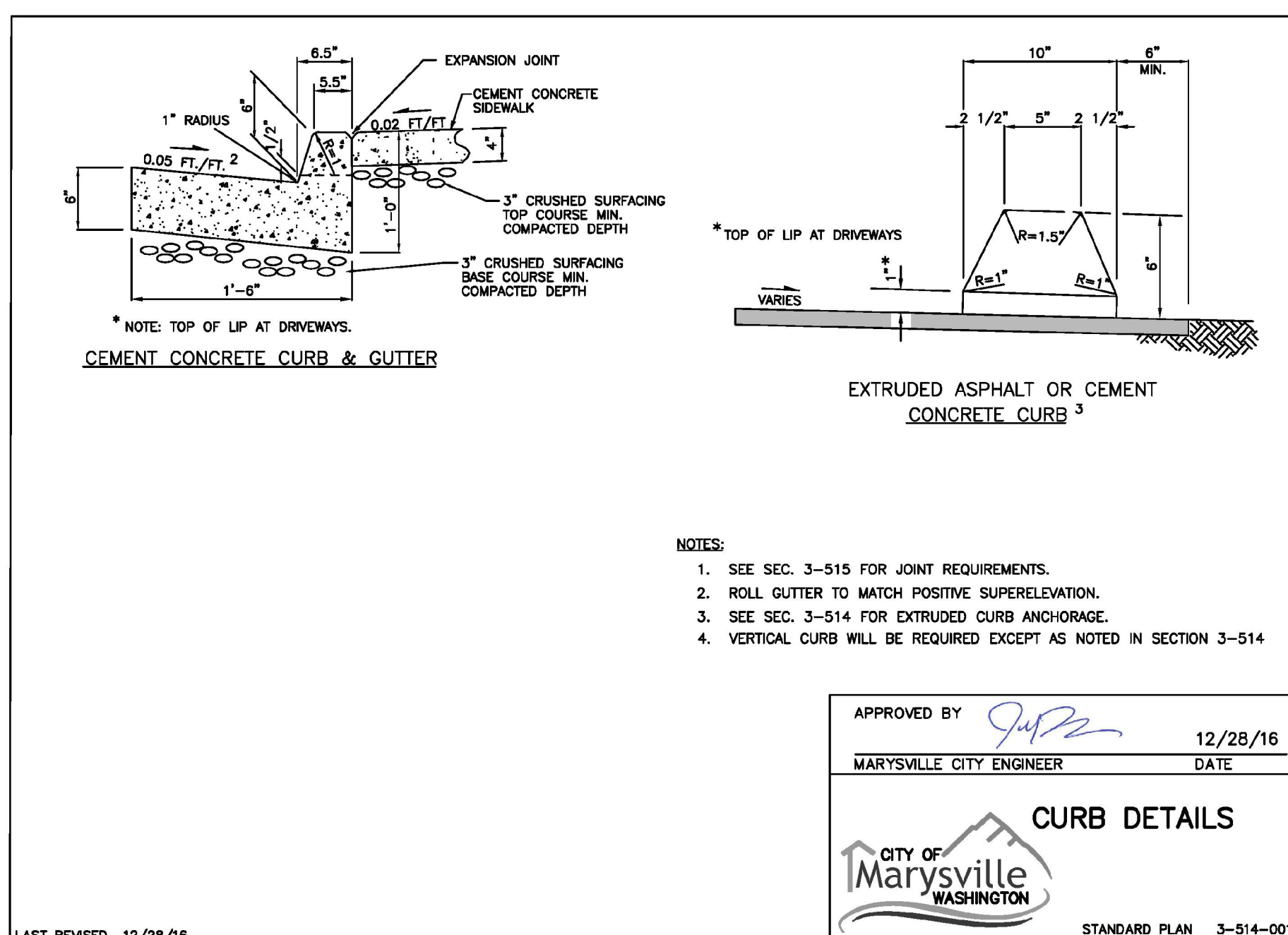
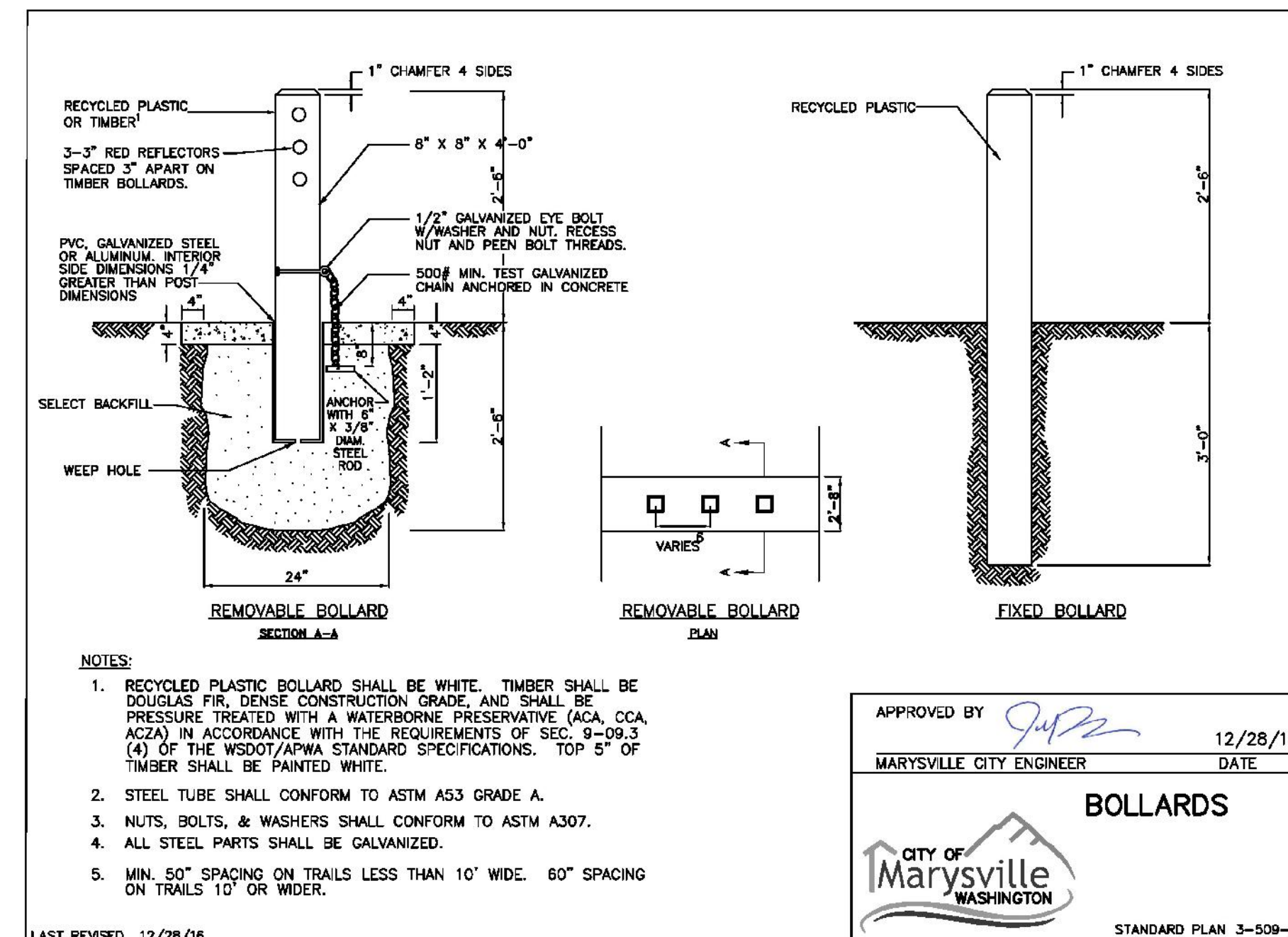
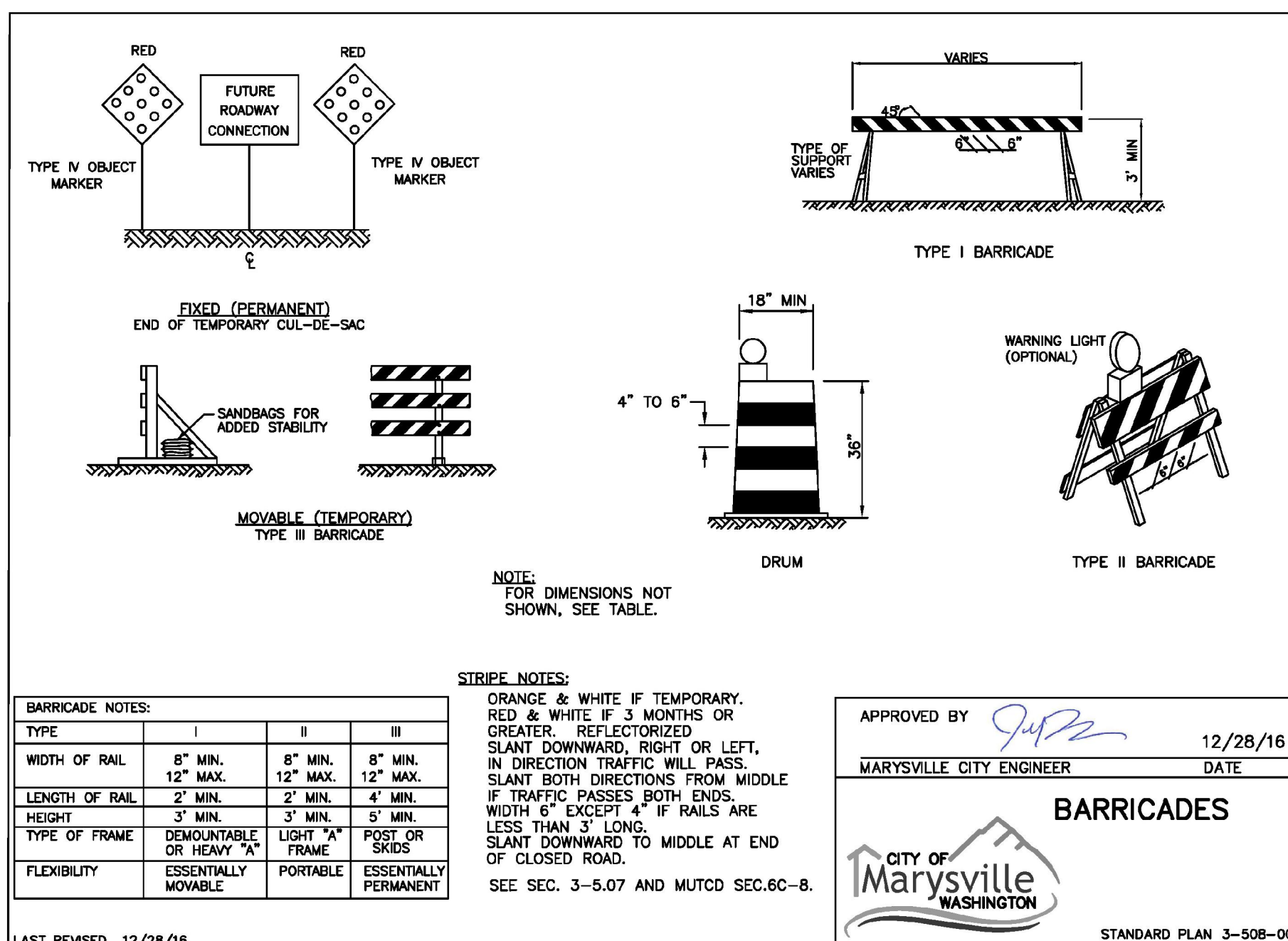
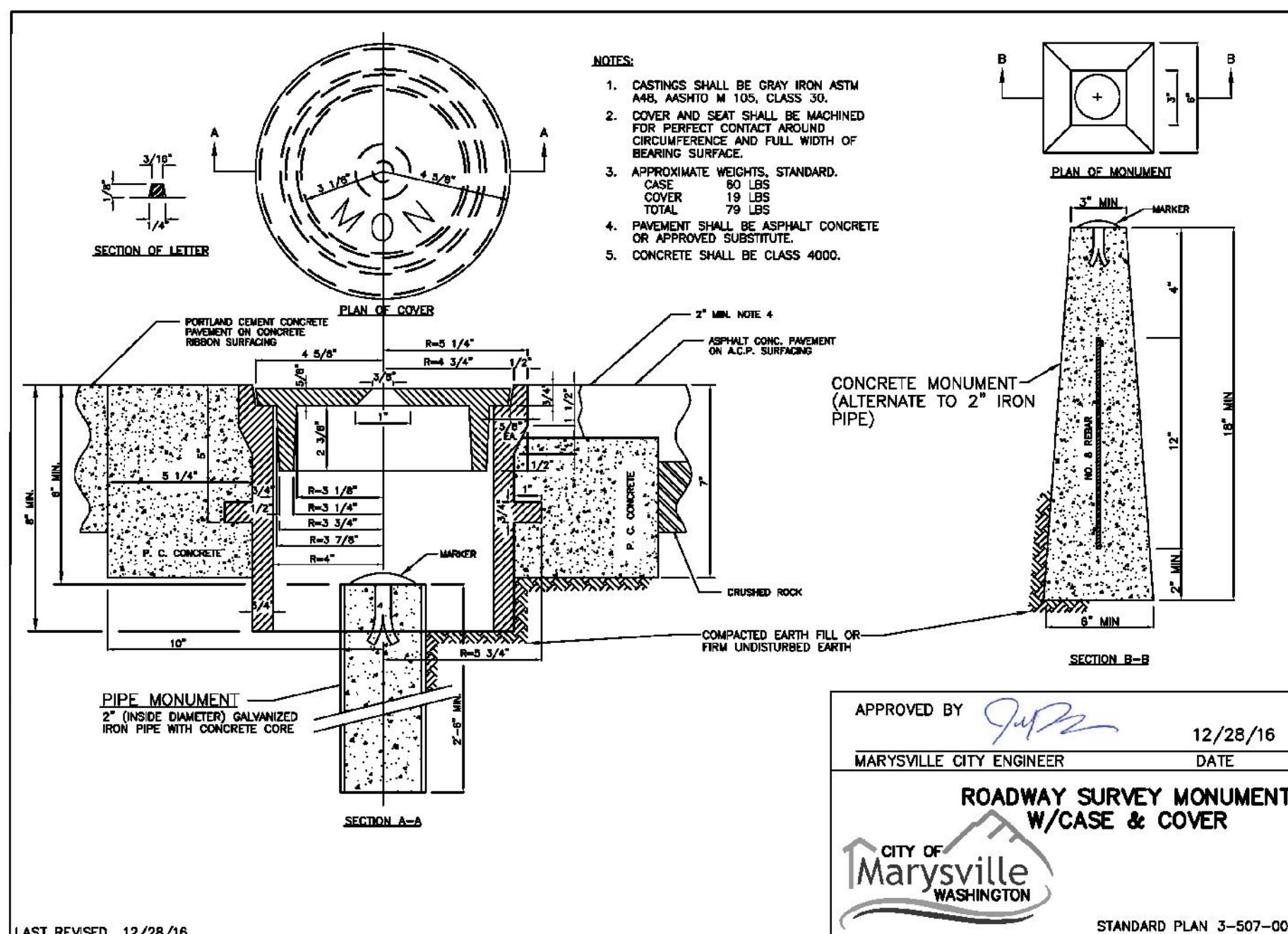
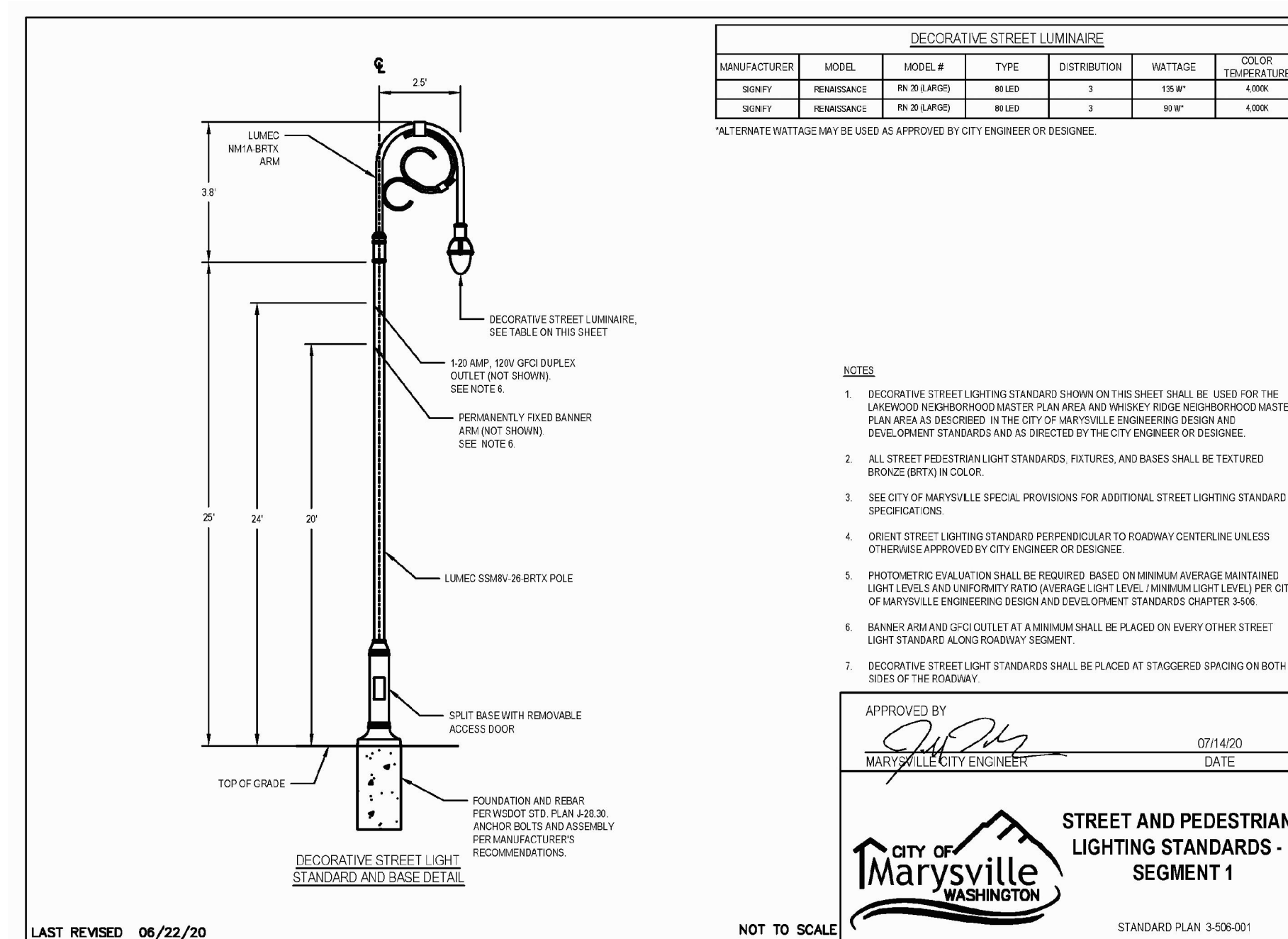
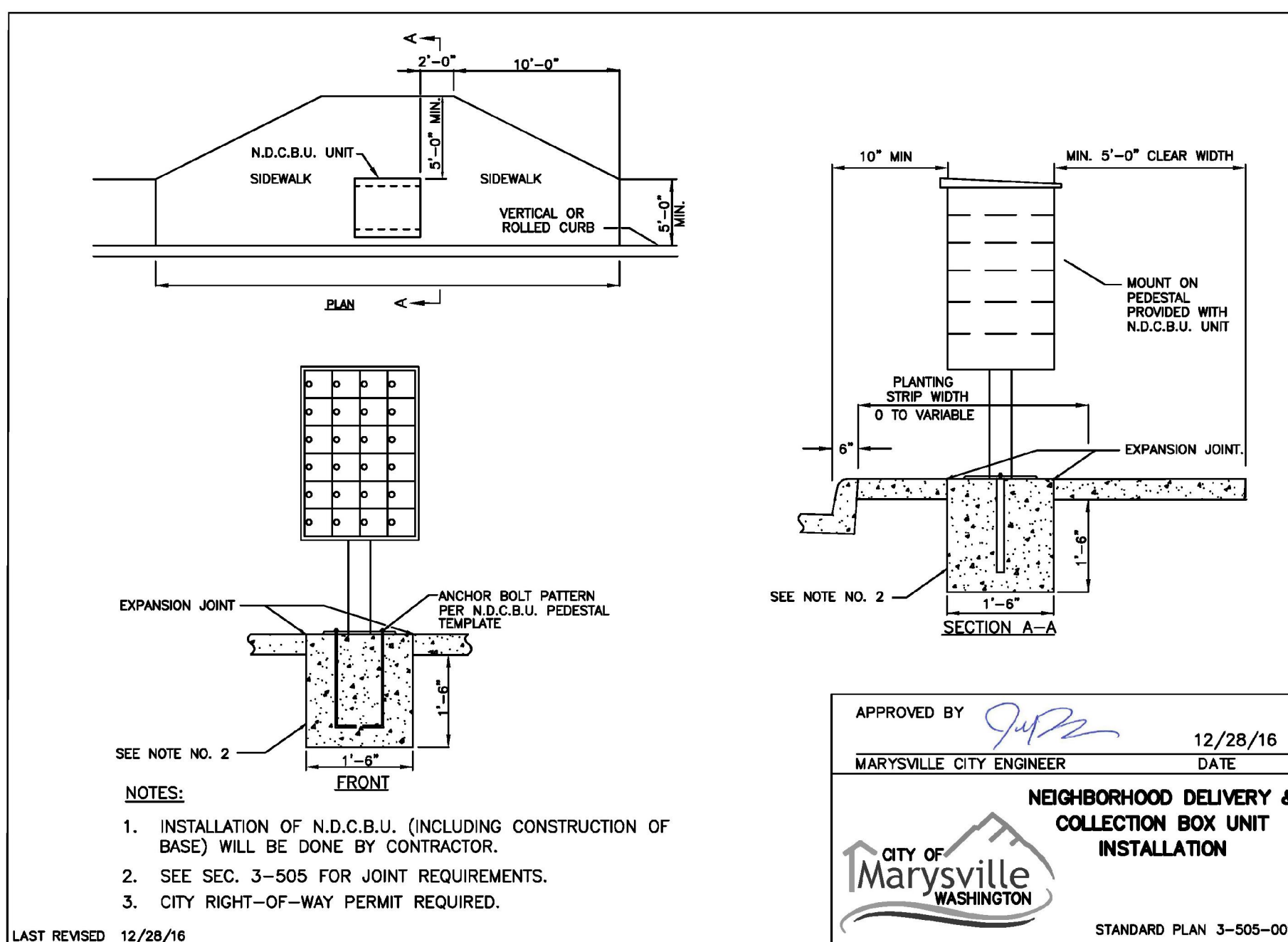
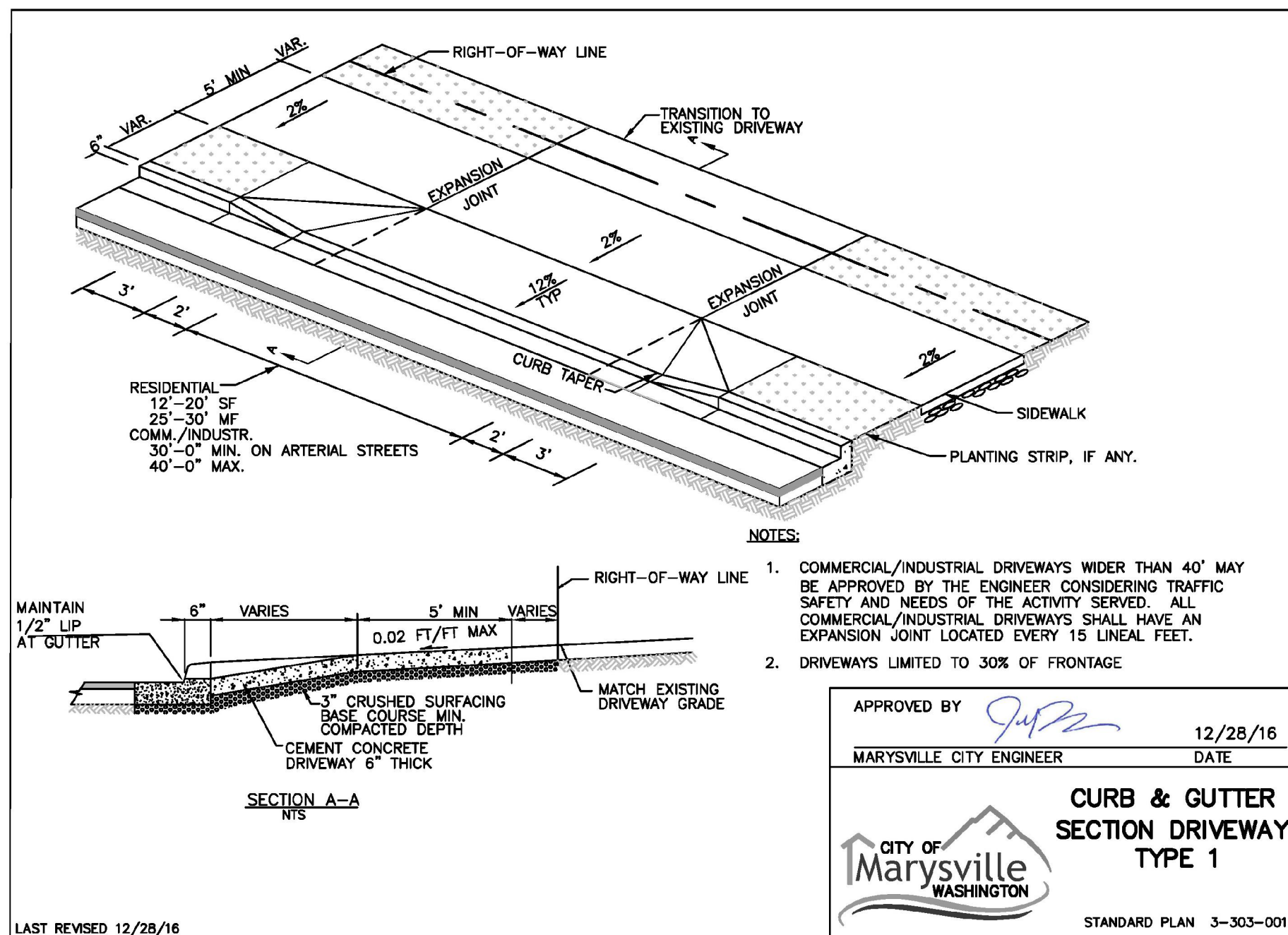
APPROVAL FOR 18 MONTHS FROM DATE OF SIGNATURE



Call 2 Business Days Before You Dig  
**811 or 1-800-424-5555**  
Utilities Underground Location Center

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**RECORD DRAWING DISCLAIMER**

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THIS RECORD DRAWING HAS BEEN PREPARED, IN PART, BASED ON INFORMATION PROVIDED BY THE GENERAL CONTRACTOR. UNDERGROUND PIPING IS ASSUMED TO RUN STRAIGHT BETWEEN SURFACE STRUCTURES AND AT A CONSTANT GRADE.

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**UTILITY NOTE**

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THIS DAY OF \_\_\_\_\_

BY: \_\_\_\_\_

KEN MCINTYRE, PE, DEVELOPMENT SERVICES MANAGER

APPROVAL FOR 18 MONTHS FROM DATE OF SIGNATURE.

NO.	DATE	DESCRIPTION
1	2-28-23	RECORD DRAWINGS

**LDC** | Surveying Engineering Planning

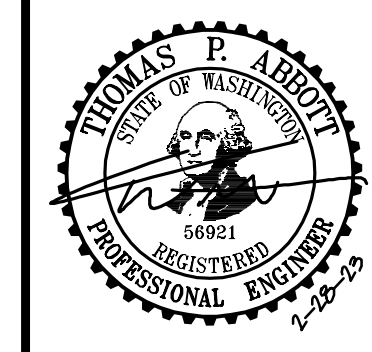
**Kent** Woodinville 20210 142nd Avenue NE Woodinville, WA 98072 T 425.866.1869 www.LDCorp.com

**Olympia** F 425.482.2893

**HUSEBY HOMES**

**EVANS PARK**

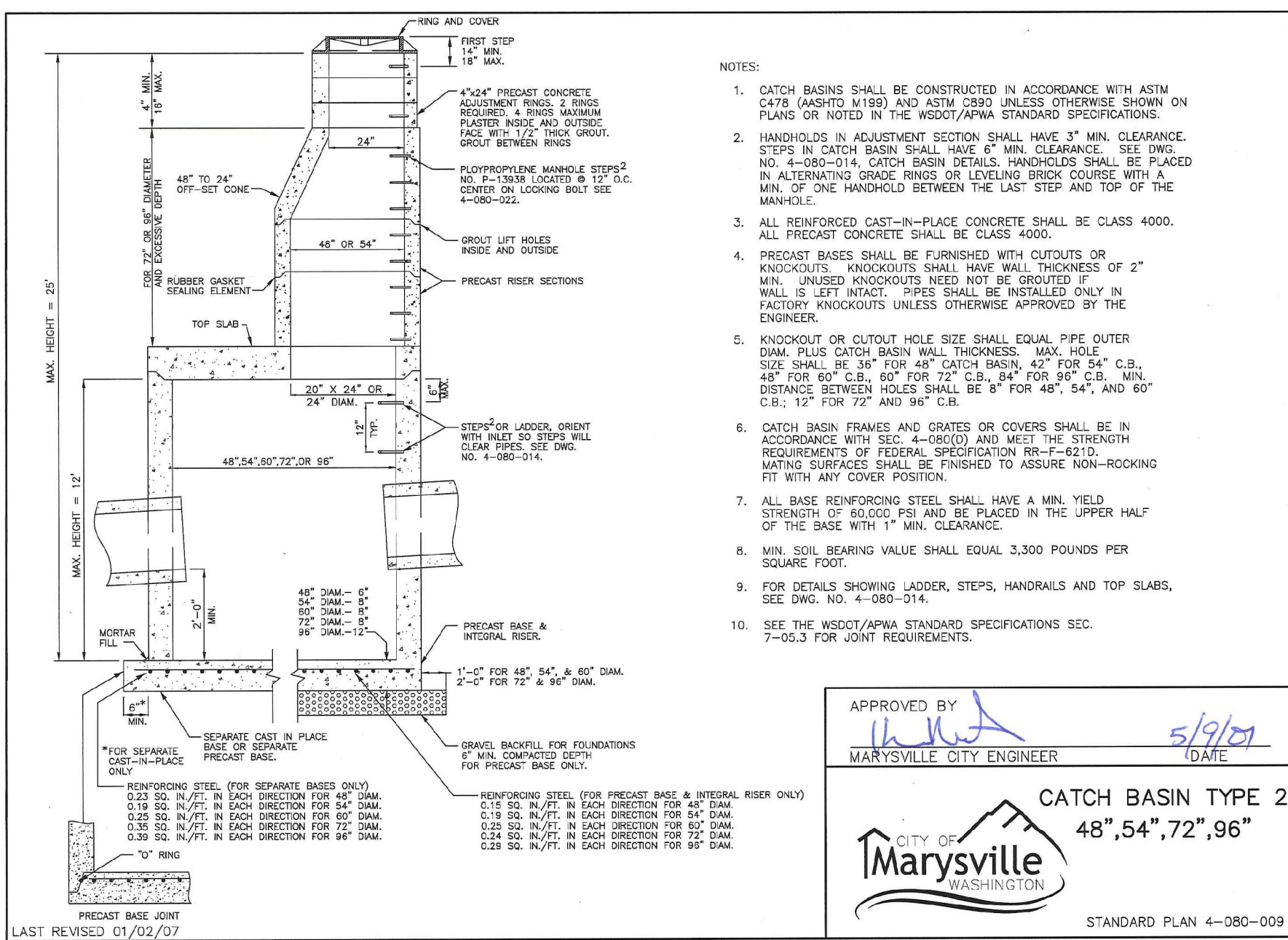
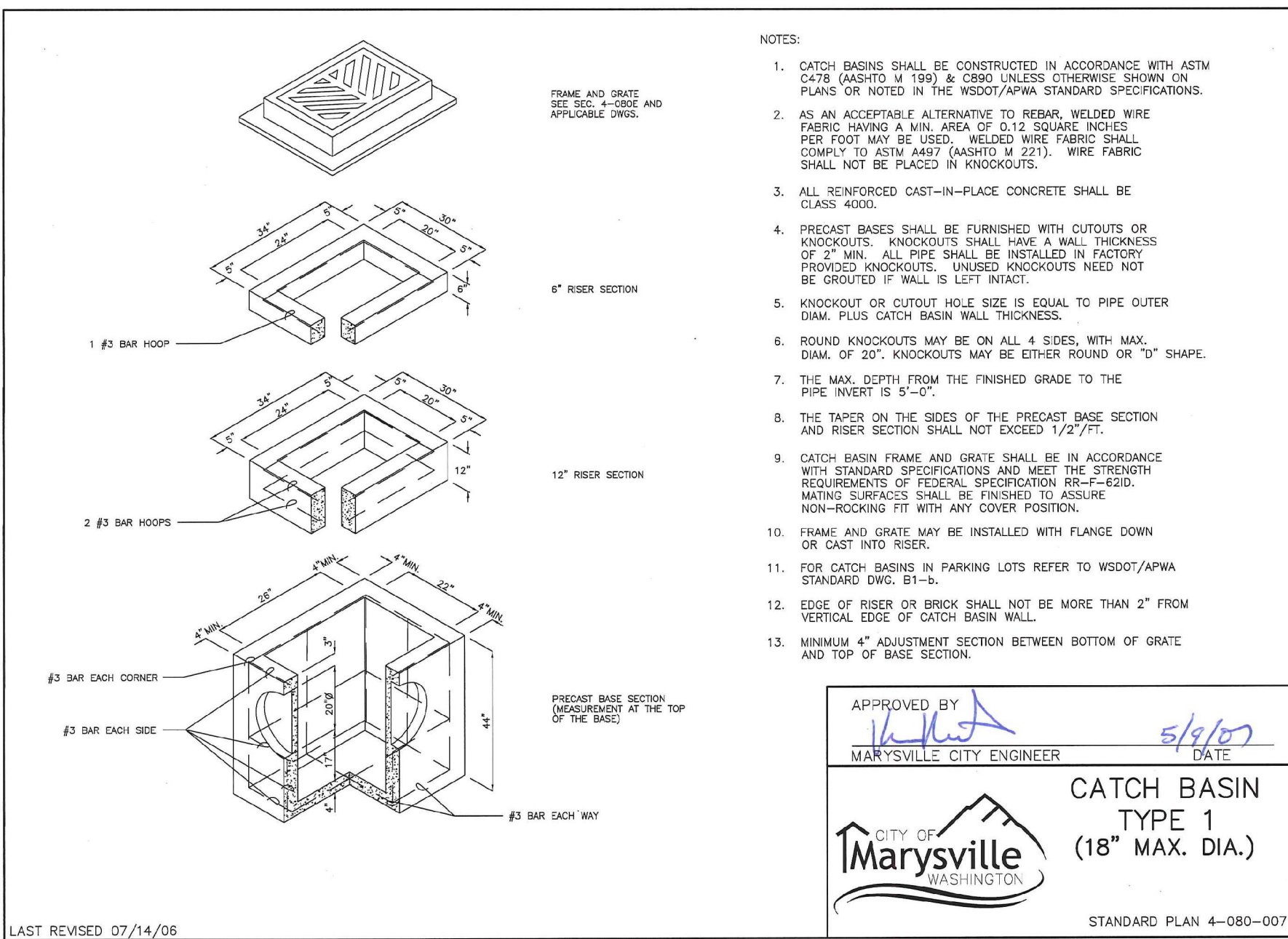
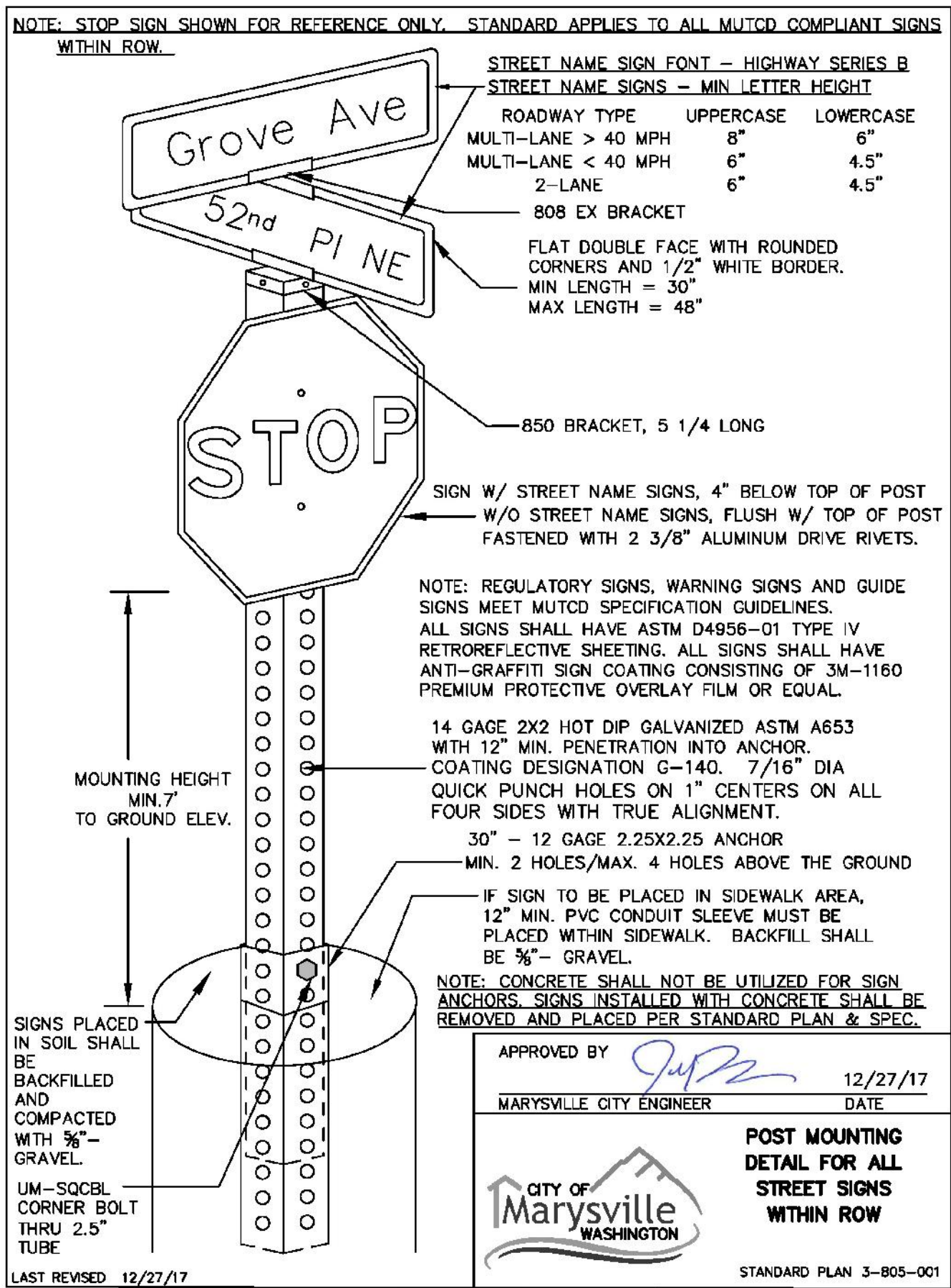
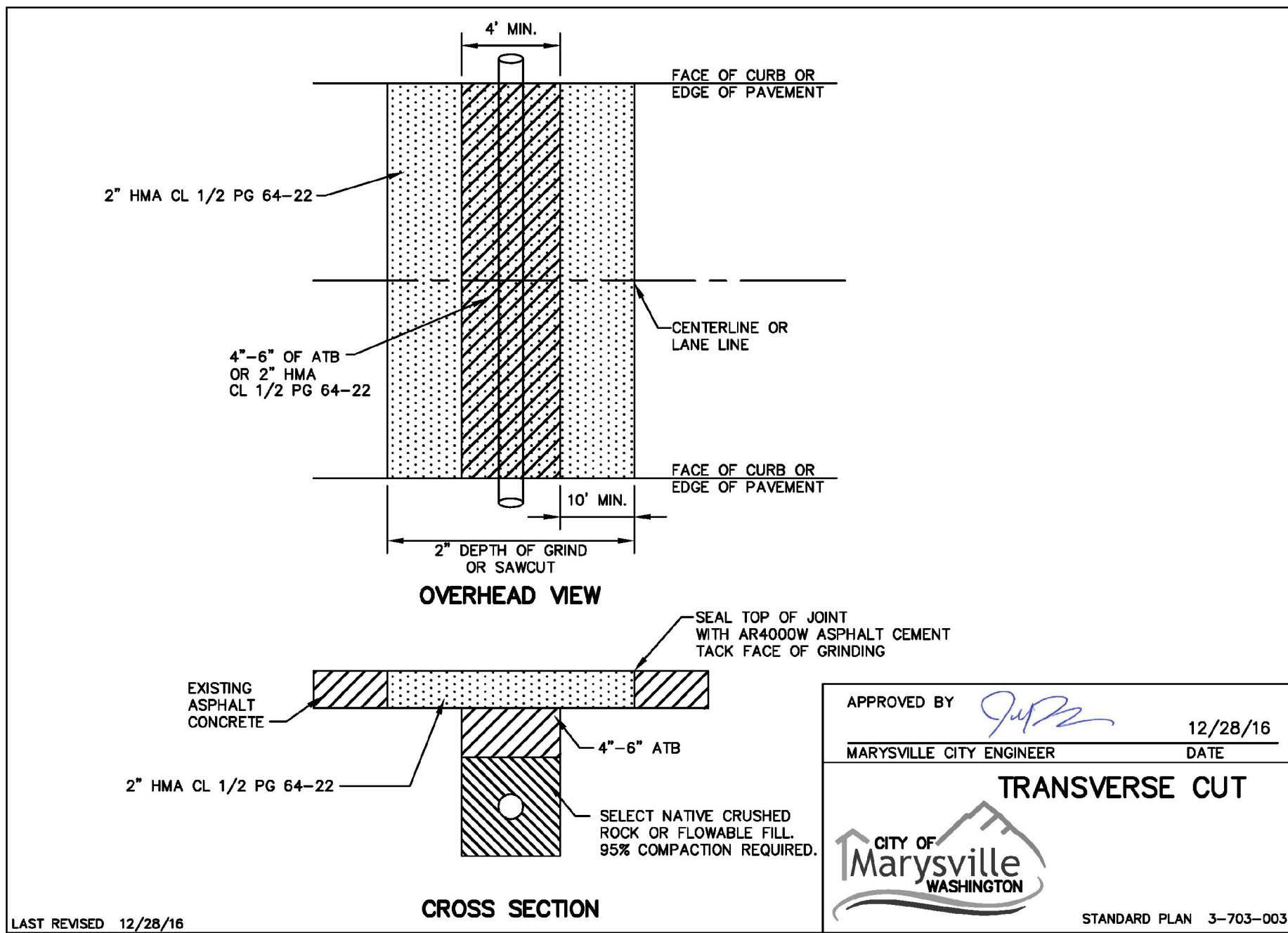
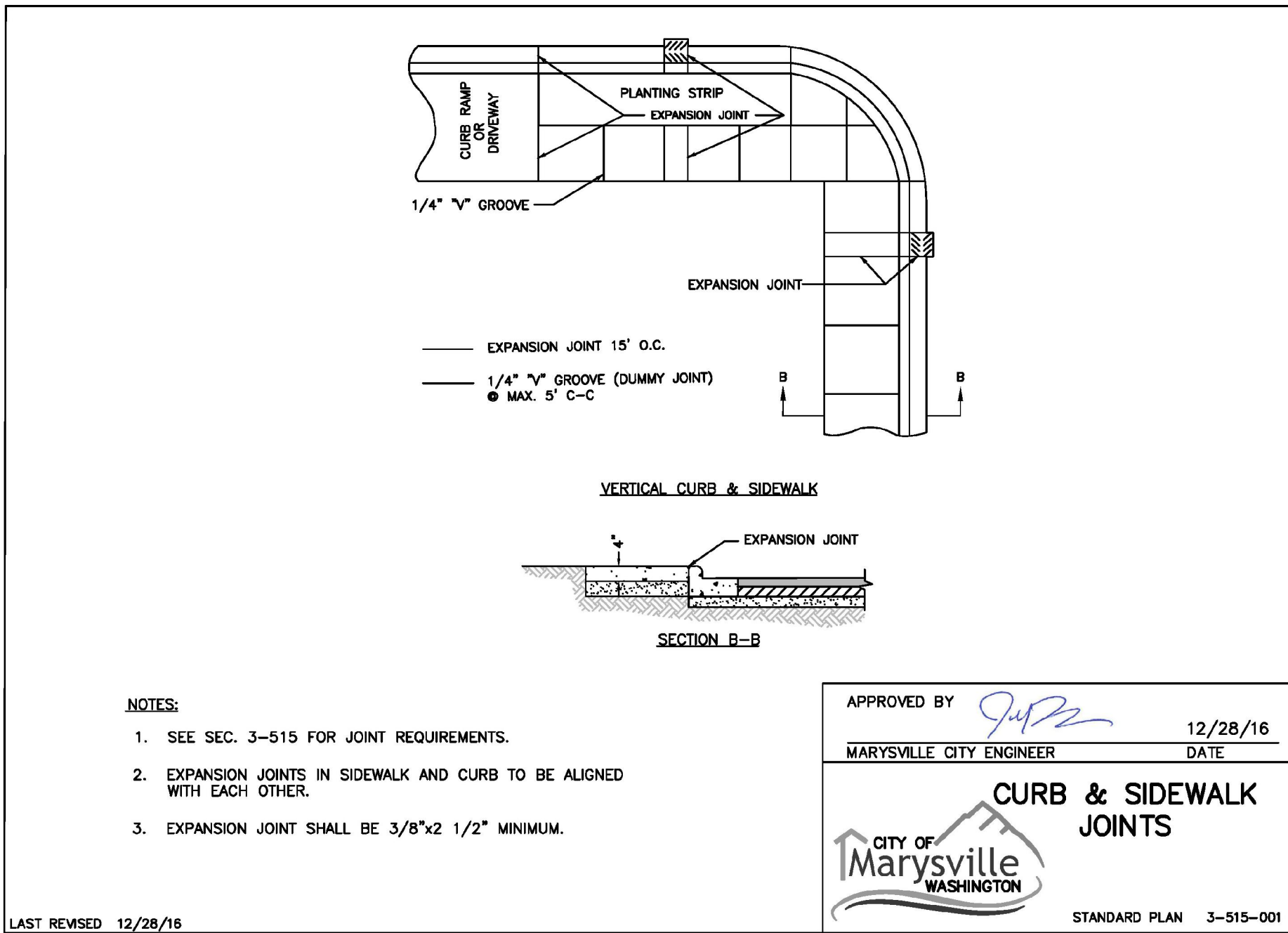
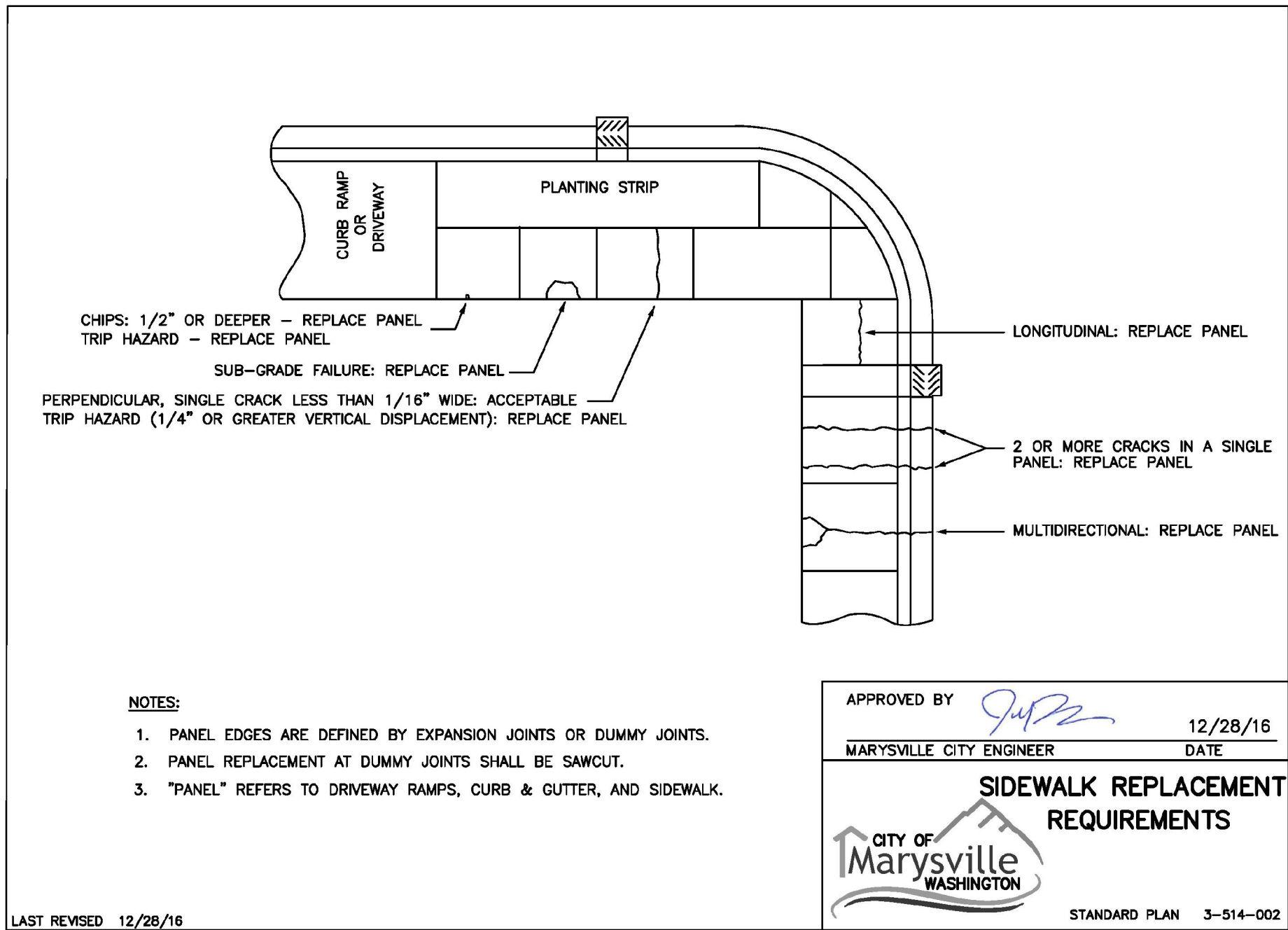
**NOTES AND DETAILS**



JOB NUMBER: C21203  
DRAWING NAME: C21203A-RD-01  
DESIGNER: TPA  
DRAFTING BY: JDG  
DATE: 5-05-22  
SCALE: AS NOTED  
JURISDICTION: MARYSVILLE

DT-02





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CITY FILE NO: PA 22-003, G22-0023

CITY OF MARYSVILLE CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

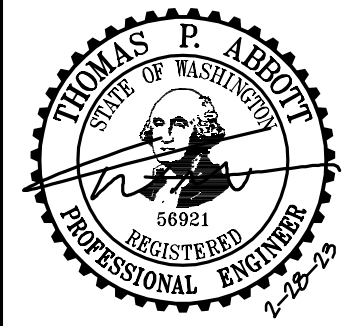
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BY: KEN MCINTYRE, PE, DEVELOPMENT SERVICES MANAGER  
APPROVAL FOR 18 MONTHS FROM DATE OF SIGNATURE.

NO.	DATE	DESCRIPTION
1	2-28-23	RECORD DRAWINGS

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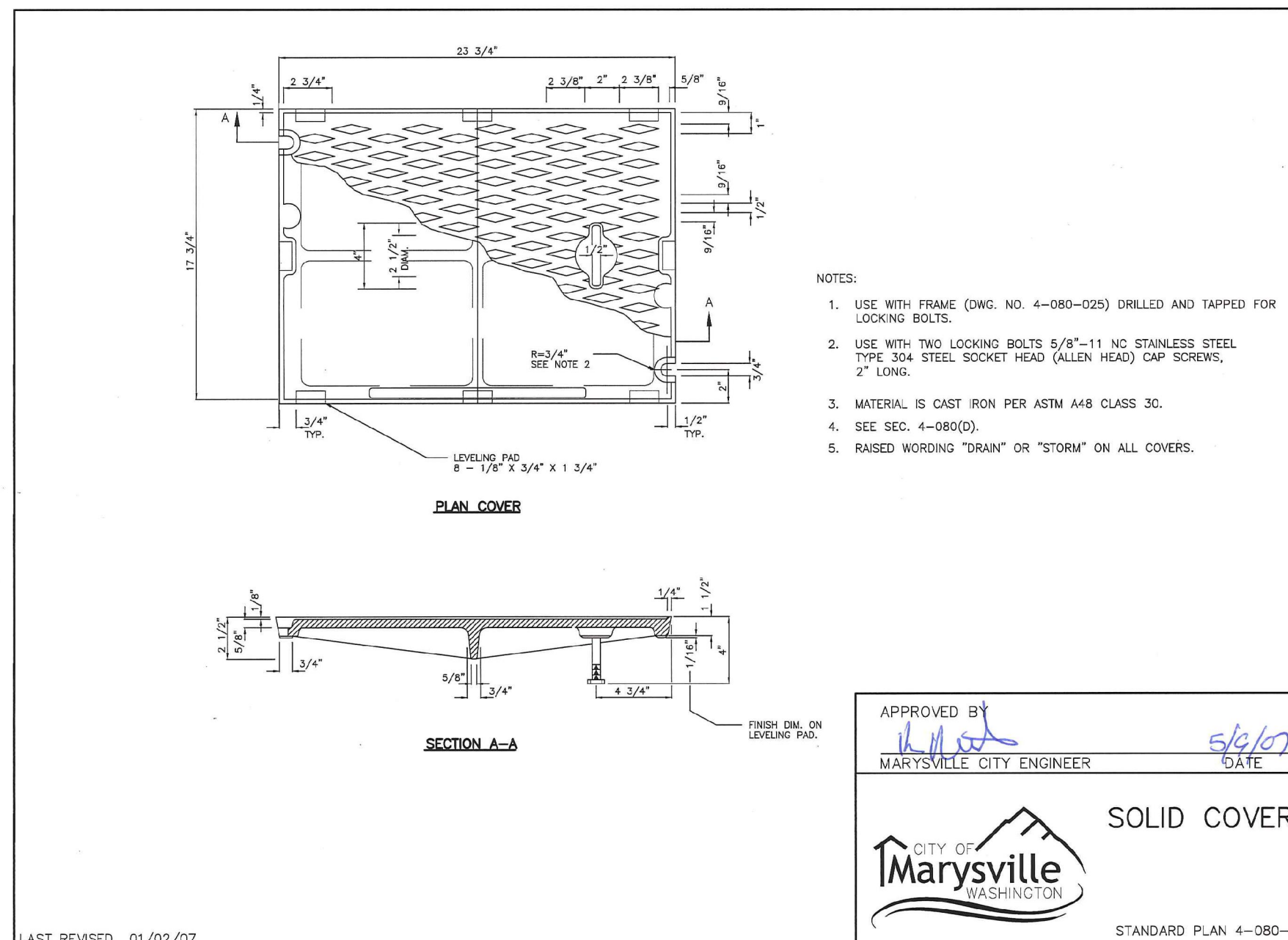
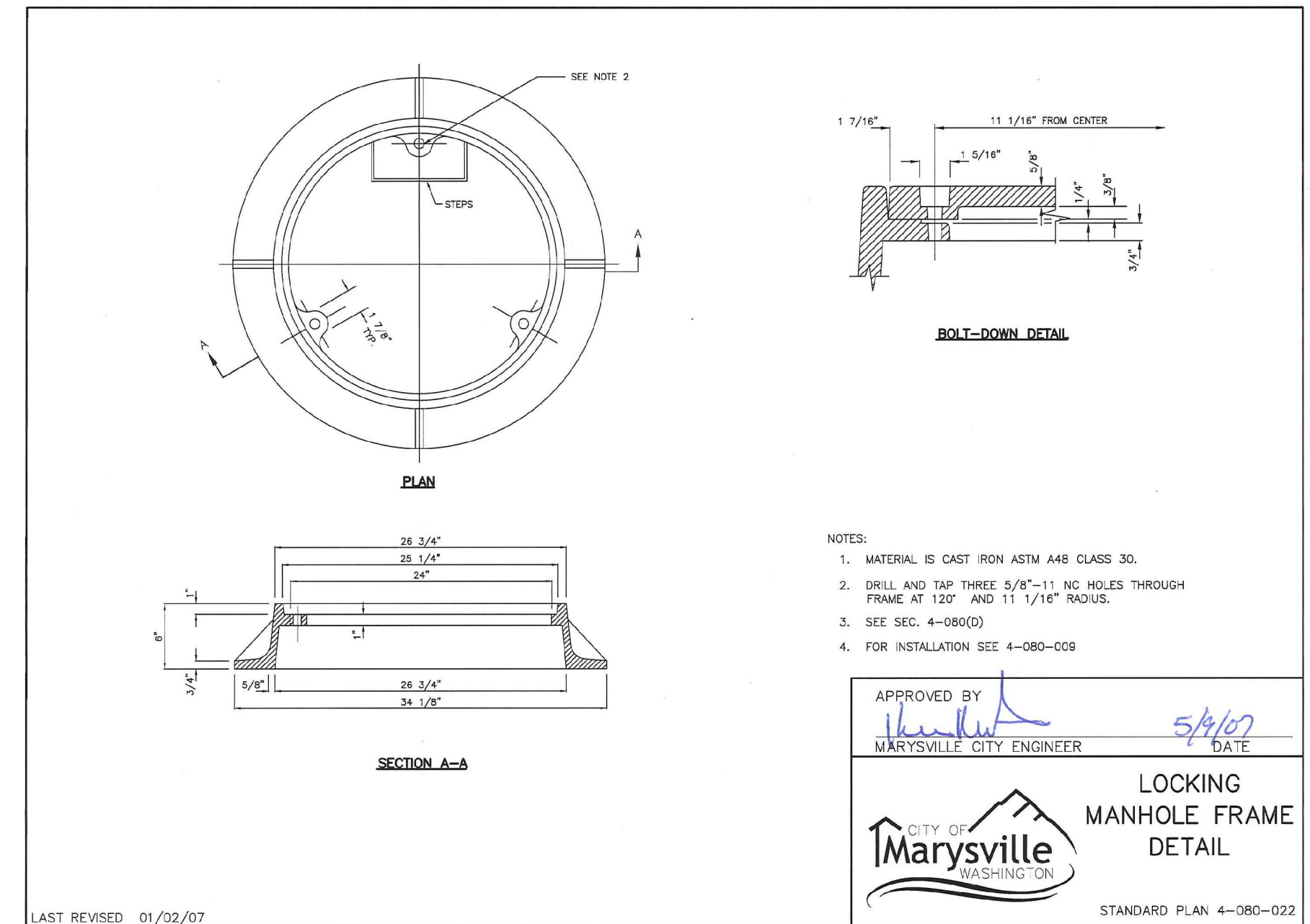
HUSEBY HOMES  
EVANS PARK  
NOTES AND DETAILS



JOB NUMBER: C21203  
DRAWING NAME: C21203A-RD-01  
DESIGNER: TPA  
DRAFTING BY: JDG  
DATE: 5-05-22  
SCALE: AS NOTED  
JURISDICTION: MARYSVILLE

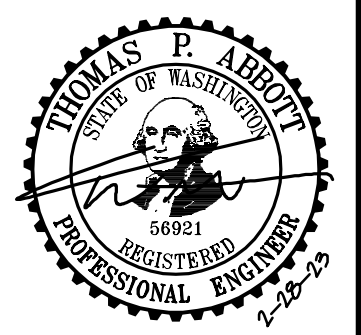
DT-03



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	T 425.896-1869	<a href="http://www.LDCcorp.com">www.LDCcorp.com</a>	F 425.482-2983

**HUSEBY HOMES**  
**EVANS PARK**  
*NOTES AND DETAILS*



JOB NUMBER:	C21209
DRAWING NAME:	C21209A-RD-DT
DESIGNER:	TPA
DRAFTING BY:	JDG
DATE:	5-05-22
SCALE:	AS NOTED
JURISDICTION:	MARYSVILLE

**DT-04**

SHEET **18** OF **25**

CITY FILE NO: PA 22-003, G22-0023

## CITY OF MARYSVILLE CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

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THIS DAY OF \_\_\_\_\_

BY: \_\_\_\_\_  
KEN MCINTYRE, PE, DEVELOPMENT SERVICES MANAGER

APPROVAL FOR 18 MONTHS FROM DATE OF SIGNATURE.



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HEET **19** OF **25**

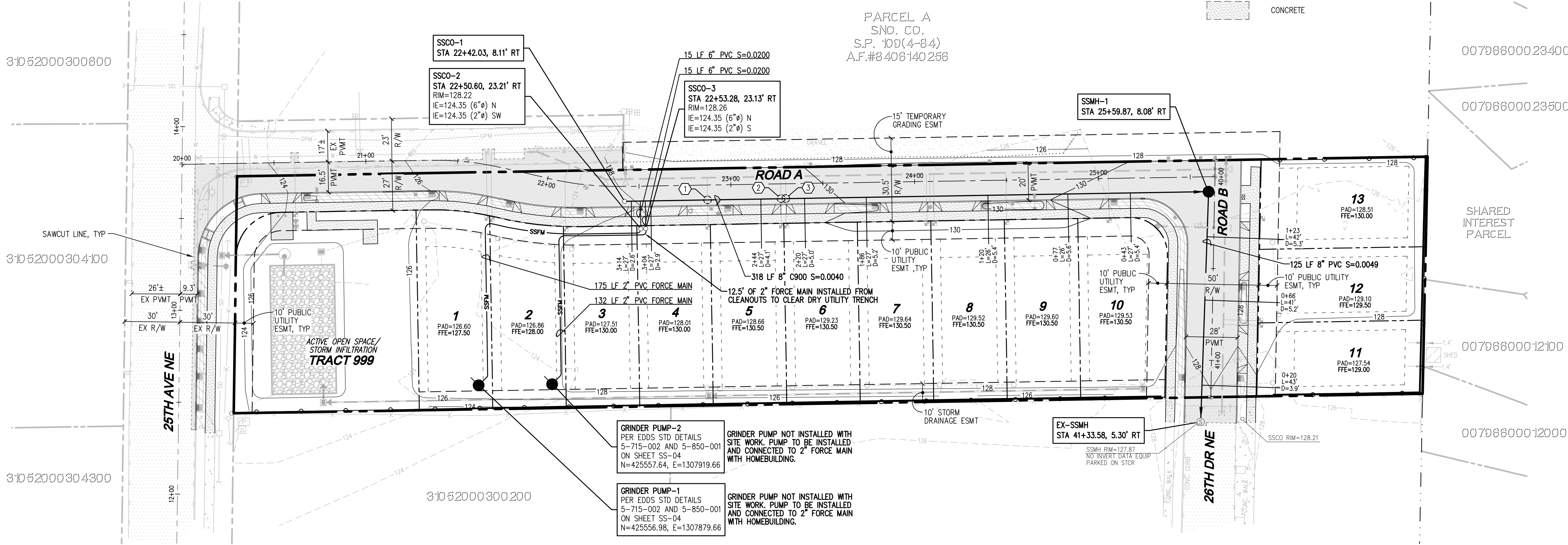
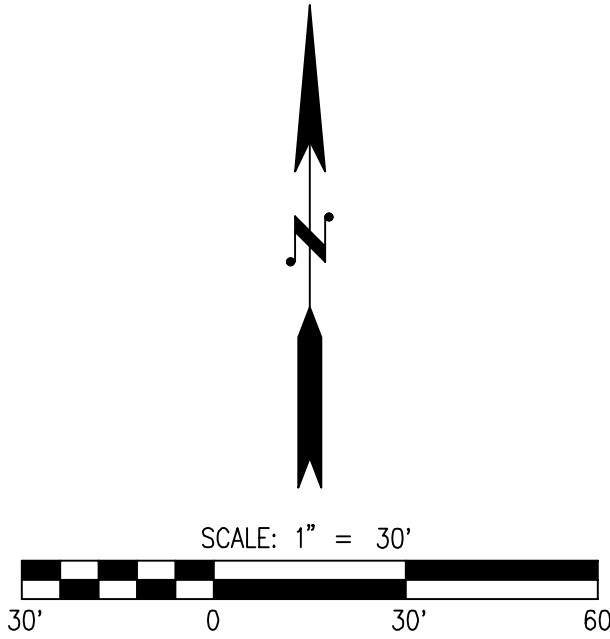


PIPE CROSSING TABLE (NOT AS-BUILT)

①	STA 22+87.17, 8.00' RT. (ROAD A) 3/4" WATER SERVICE BOTTOM=124.10 8" C900 SEWER PIPE TOP=124.60 PIPE SEPARATION=1.50'	②	STA 23+27.17, 8.00' RT. (ROAD A) 3/4" WATER SERVICE BOTTOM=126.50 8" C900 SEWER PIPE TOP=124.75 PIPE SEPARATION=1.75'
③	STA 23+29.77, 8.00' RT. (ROAD A) 3/4" WATER SERVICE BOTTOM=126.50 8" C900 SEWER PIPE TOP=124.75 PIPE SEPARATION=1.75'		

LEGEND

	STORM PIPE
	SEWER PIPE
	SEWER FORCE MAIN
	DRAIN LINE
	WATER PIPE
	RETAINING WALL
	PRIVACY FENCING
	SEWER MANHOLE
	SEWER CLEANOUT
	STREET LIGHT
	SIGN
	FULL DEPTH ASPHALT
	CONCRETE



SIDE SEWER SERVICE TABLE (NOT AS-BUILT)

LOT NO.	DIST TO SERVICE (FROM DOWNSTREAM MANHOLE) (FT)	SERVICE LENGTH (FT)	IE AT MAIN / DOWNSTREAM STRUCTURE (FT)	DEPTH AT STUB (FT)	IE AT STUB OR PUMP (FT)	FINISH GRADE / RIM (FT)	SS SLOPE (2% MIN.)
SSCO-3	307	16	123.91	4.40	124.26	128.66	2.19%
SSCO-4	305	16	123.94	4.20	124.49	128.69	3.44%
L1	-	7	124.01	4.00	123.00	127.00	NA
L2	-	7	124.04	4.00	123.50	127.50	NA
L3	313	22	123.94	5.00	124.50	129.50	2.55%
L4	303	22	123.90	5.00	124.50	129.50	2.73%
L5	300	22	123.89	5.50	124.50	130.00	2.79%
L6	237	22	123.62	5.50	124.50	130.00	4.02%
L7	221	22	123.55	5.50	124.50	130.00	4.33%
L8	182	22	123.38	6.00	124.00	130.00	2.82%
L9	119	22	123.11	6.00	124.00	130.00	4.05%
L10	73	22	122.91	6.00	124.00	130.00	4.94%
L11	33	22	122.74	5.00	123.50	128.50	3.45%
L12	17	33	122.16	6.00	123.00	129.00	2.55%
L13	58	33	122.32	6.00	123.50	129.50	3.57%

NOTES

- SEE SHEETS SS-03 AND SS-04 FOR NOTES AND DETAILS.
- ALL SSMH'S TO BE TYPE 1, 48" PER STD 5-120-002 UNLESS OTHERWISE NOTED.
- TRENCH RESTORATION SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 3-703 OF THE EDDS.
- CLEANOUTS LOCATED OUTSIDE OF ROW MUST BE SET WITHIN A 3'x4' CONCRETE PAD.

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THIS DAY OF \_\_\_\_\_

BY: \_\_\_\_\_ KEN MCINTYRE, PE, DEVELOPMENT SERVICES MANAGER

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REVISIONS

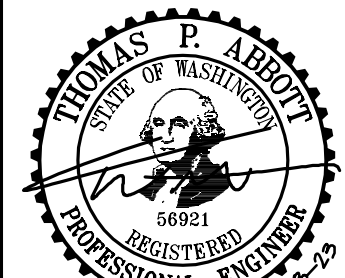
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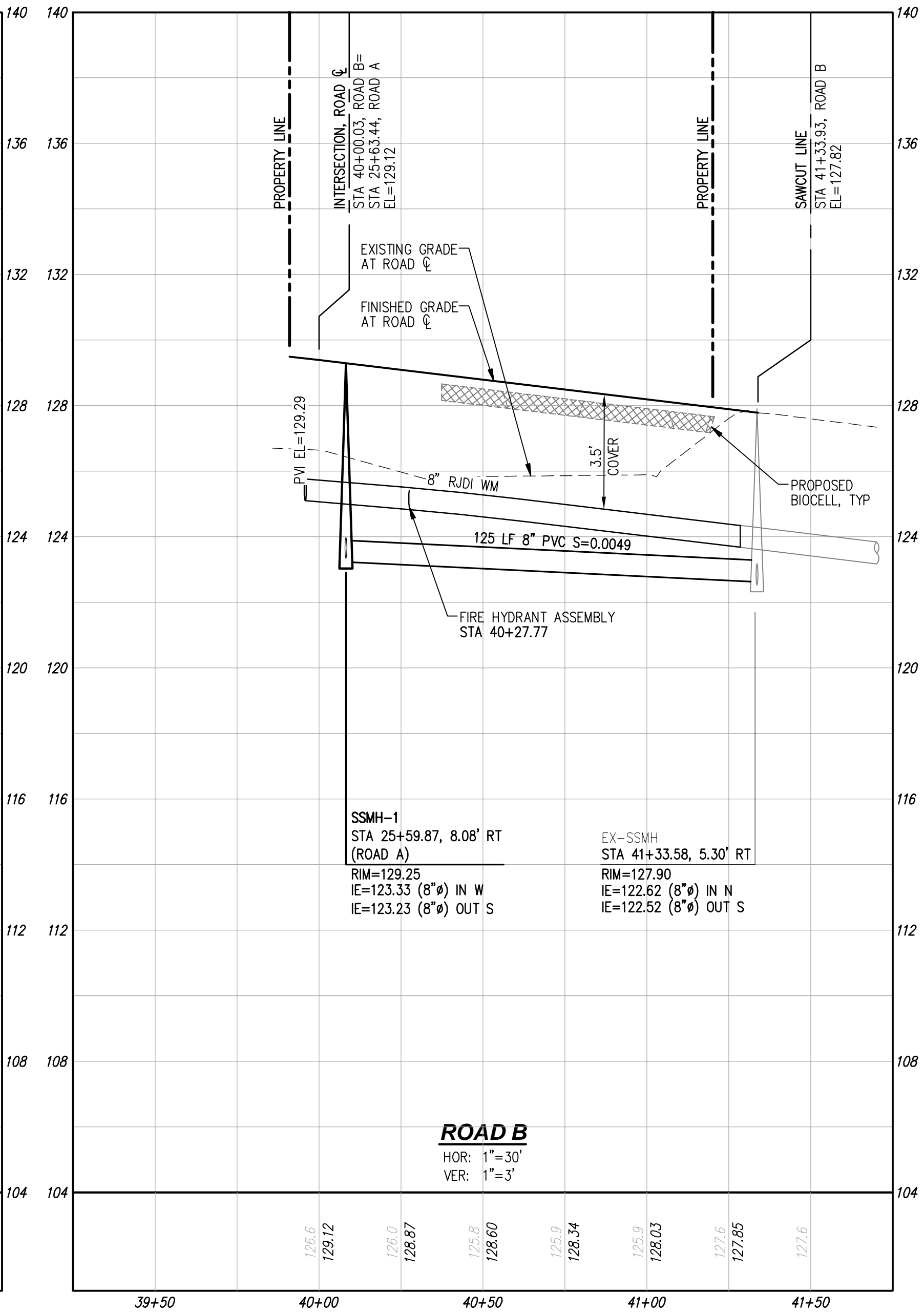
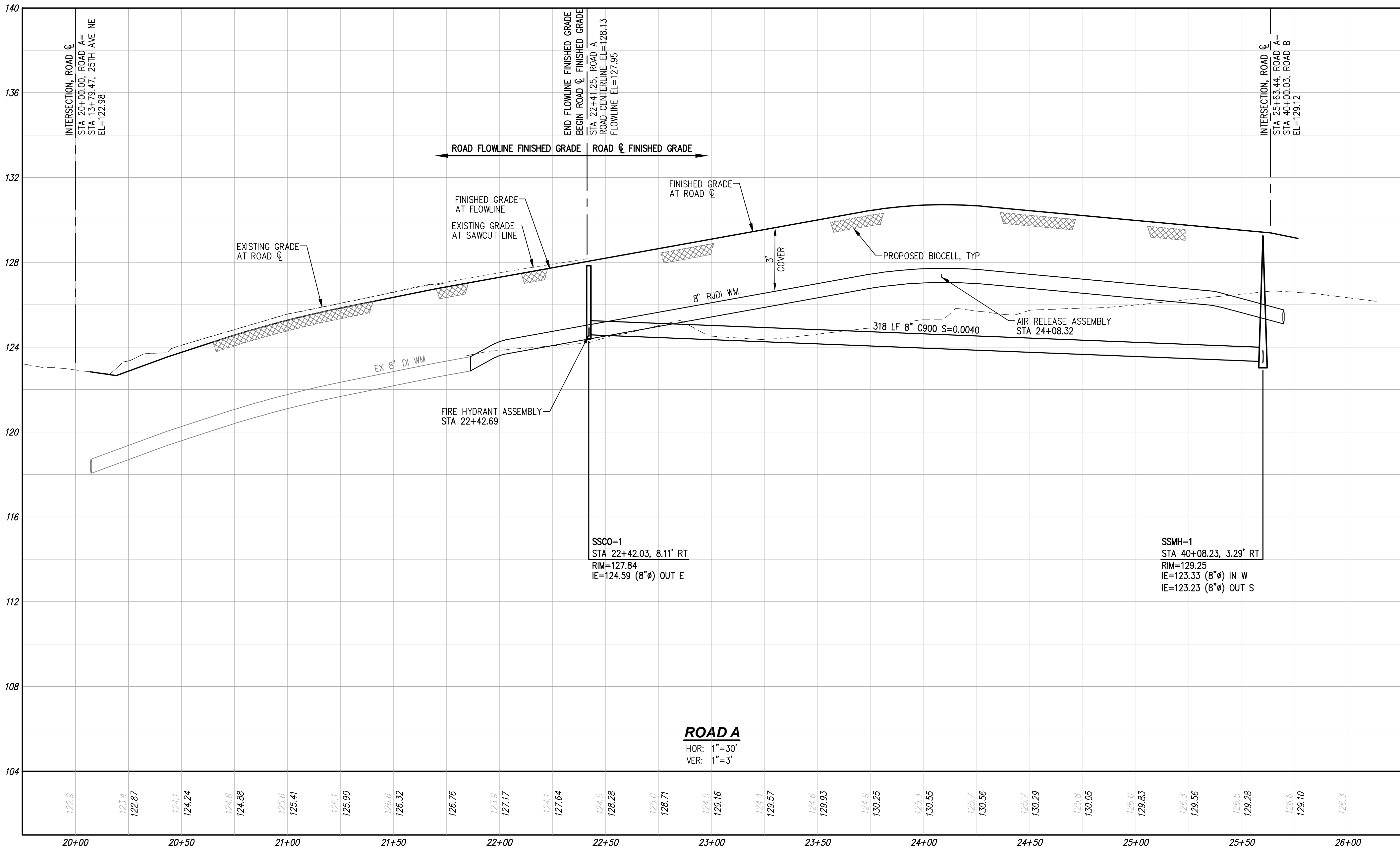
SANITARY SEWER PLAN



JOB NUMBER: C21203  
DRAWING NAME: C21203A-SS-PL  
DESIGNER: TPA  
DRAFTING BY: JDG  
DATE: 5-05-22  
SCALE: 1"=30'  
JURISDICTION: MARYSVILLE

SS-01

SHEET 20 OF 25



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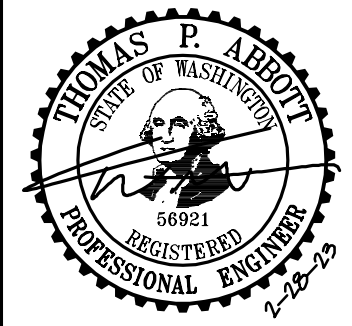
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SANITARY SEWER PROFILES



JOB NUMBER: C21203  
DRAWING NAME: C21203A-SS-PR  
DESIGNER: TPA  
DRAFTING BY: JDG  
DATE: 5-05-22  
SCALE: 1"=30'  
JURISDICTION: MARYSVILLE

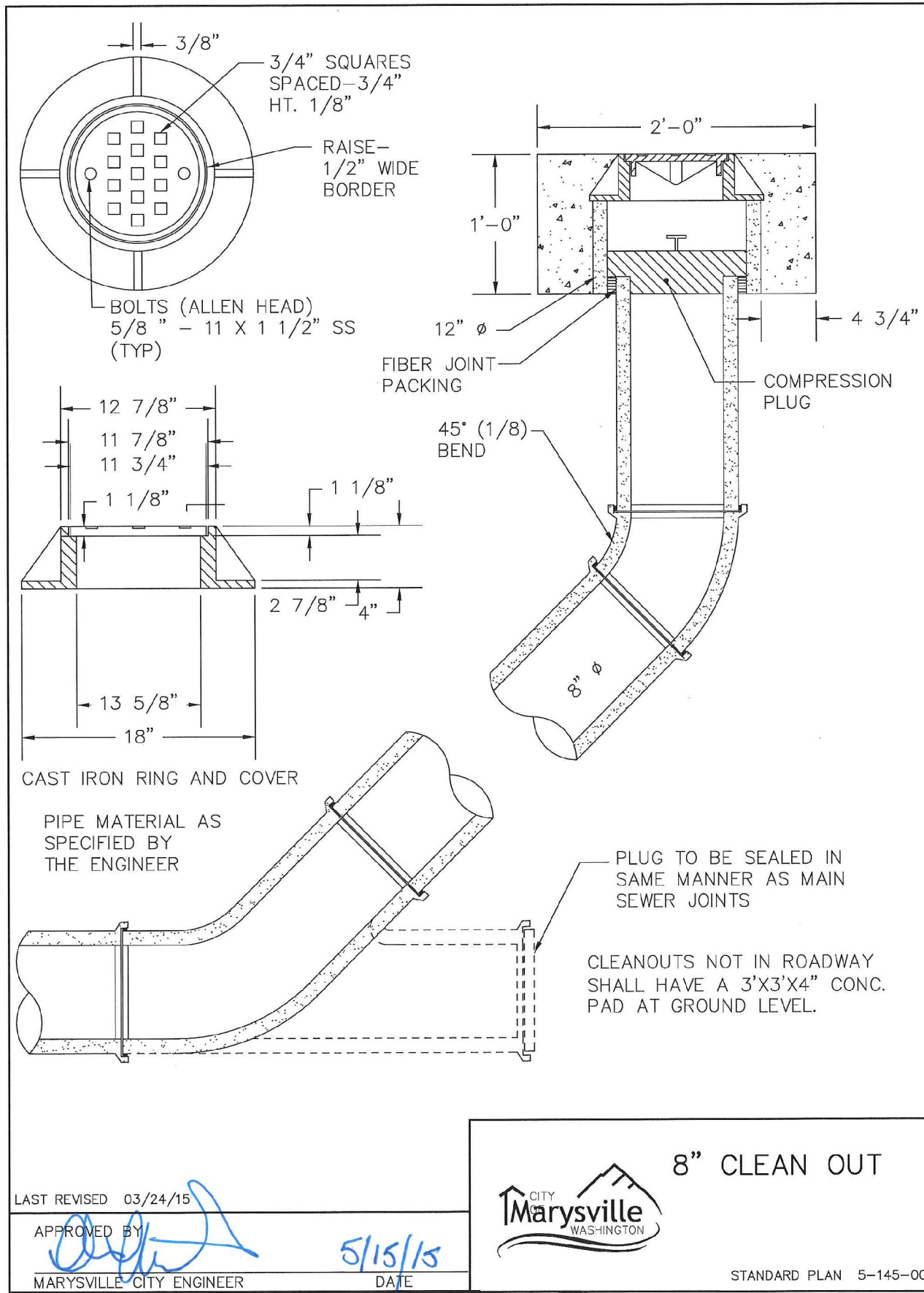
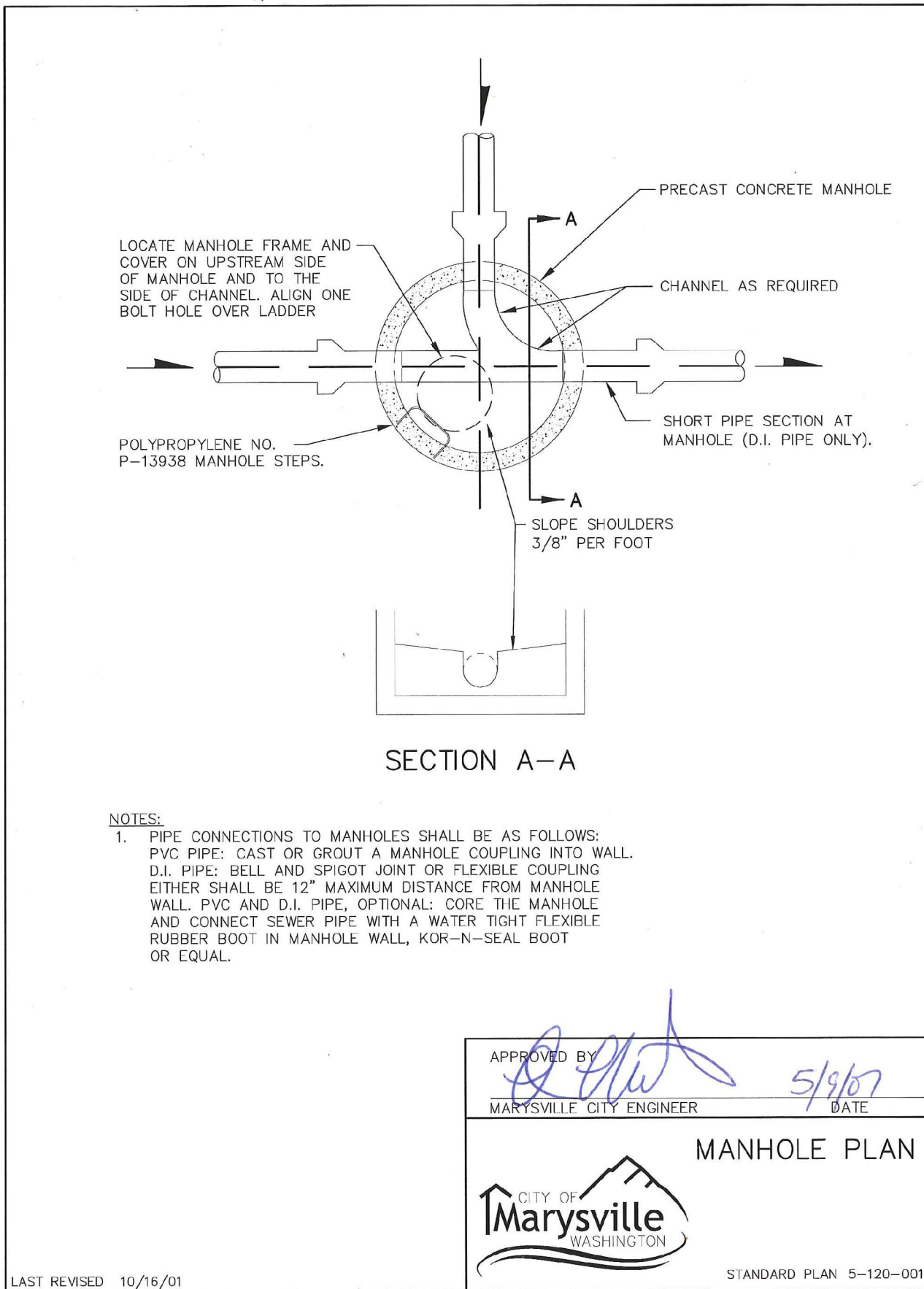
SS-02



A PORTION OF THE NW 1/4 OF THE SW 1/4 OF SEC 20, TWN 31 N, RGE 5 E, W.M., SNOHOMISH COUNTY, WASHINGTON

GENERAL NOTES

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH CITY OF MARYSVILLE STANDARDS AND THE MOST RECENT COPY OF THE STATE OF WASHINGTON STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (WSOT).
2. CITY OF MARYSVILLE HORIZONTAL DATUM SHALL BE NAD 83, AND THE VERTICAL DATUM SHALL BE NAVD 88, IN WASHINGTON STATE PLANE COORDINATES (FEET), WASHINGTON NORTH ZONE 4601. A LIST OF BENCHMARKS IS AVAILABLE THROUGH THE PUBLIC WORKS DEPARTMENT.
3. ALL APPROVALS AND PERMITS REQUIRED BY THE CITY OF MARYSVILLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
4. IF CONSTRUCTION IS TO TAKE PLACE IN THE CITY RIGHT-OF-WAY, THE CONTRACTOR SHALL CONTACT THE CITY COMMUNITY DEVELOPMENT DEPARTMENT TO OBTAIN ALL THE REQUIRED APPROVALS AND PERMITS.
5. A PRECONSTRUCTION MEETING SHALL BE HELD WITH THE CITY OF MARYSVILLE DEPARTMENT OF PUBLIC WORKS/COMMUNITY DEVELOPMENT DEPARTMENT PRIOR TO THE START OF CONSTRUCTION.
6. THE CITY OF MARYSVILLE COMMUNITY DEVELOPMENT DEPARTMENT SHALL BE NOTIFIED A MINIMUM OF 48 HOURS IN ADVANCE OF A TAP OR CONNECTION TO AN EXISTING SANITARY SEWER MAIN. THE INSPECTOR SHALL BE PRESENT AT THE TIME OF THE TAP OR CONNECTION.
7. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT 1-800-424-5555 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.
8. GRAVITY SEWER MAIN WITH 5' OF COVER SHALL BE D.I.P. CLASS 52; 5'-18' OF COVER SHALL BE PVC, ASTM D 3034 SDR 35, OR ASTM F 789 WITH JOINTS AND RUBBER GASKETS CONFORMING TO ASTM D 3212 AND ASTM F 477; > 18' COVER SHALL BE D.I.P. CLASS 52, OR C-900.
9. PRECAST MANHOLES SHALL MEET THE REQUIREMENTS OF ASTM C 478. MANHOLES SHALL BE TYPE 1-48" MANHOLE UNLESS OTHERWISE SPECIFIED ON THE PLANS. JOINTS SHALL BE RUBBER GASKETED CONFORMING TO ASTM C 443 AND SHALL BE GROUTED FROM THE INSIDE. LIFT HOLES SHALL BE GROUTED FROM THE OUTSIDE AND INSIDE OF THE MANHOLE.
10. SIDE SEWER SERVICES SHALL BE PVC, ASTM D 3034 SDR 35 WITH FLEXIBLE GASKETED JOINTS. SIDE SEWER CONNECTIONS SHALL BE MADE BY A TAP TO AN EXISTING MAIN OR A TEE FROM A NEW MAIN CONNECTED ABOVE THE SPRINGLINE OF THE PIPE.
11. ALL SEWER MAINS SHALL BE FIELD STAKED FOR GRADES AND ALIGNMENT PRIOR TO CONSTRUCTION BY A LICENSED ENGINEER OR SURVEYING FIRM QUALIFIED TO PERFORM SUCH WORK. PRIOR TO CONSTRUCTING ANY SEWER, THE LOT CORNERS SHALL BE STAKED AND SEWER LINE LOCATION ESTABLISHED BY SURVEY, COST OF WHICH SHALL BE BORNE BY THE DEVELOPER.
12. ALL PLASTIC PIPE AND SERVICES SHALL BE INSTALLED WITH CONTINUOUS TRACER TAPE INSTALLED 12" TO 18" UNDER THE PROPOSED FINISHED SUBGRADE. THE MARKER SHALL BE PLASTIC NON-BIODEGRADABLE, METAL CORE OR BACKING MARKED SEWER WHICH CAN BE DETECTED BY A STANDARD METAL DETECTOR.
13. EACH SIDE SEWER LATERAL SHALL HAVE A 2" X 4" WOOD "MARKER" AT THE TERMINATION OF THE STUB. THE "MARKER" SHALL EXTEND FROM THE TRENCH TO ABOVE FINISHED GRADE. ABOVE THE GROUND SURFACE, IT SHALL BE PAINTED "GREEN" WITH SEWER AND THE DEPTH, IN FEET, STENCILED IN WHITE LETTERS 2" HIGH.
14. SIDE SEWERS SHALL BE INSTALLED BY THE DEVELOPER AND COORDINATED FOR CLEARANCE WITH POWER, TELEPHONE, AND OTHER UTILITIES. ALL SIDE SEWERS TO BE INSTALLED 10 FEET INTO LOT SERVED AND STAKED AND MARKED AS SHOWN ON THESE PLANS.
15. PIPE BEDDING SHALL BE IN ACCORDANCE WITH WSOT STANDARD PLAN B-18C CLASS F. PEA GRAVEL IS AN ACCEPTABLE BEDDING MATERIAL. ALL PIPE SHALL BE LAID ON A PROPERLY PREPARED FOUNDATION ACCORDING TO STANDARD SPECIFICATION 7-02.3(1). THIS SHALL INCLUDE NECESSARY LEVELING OF THE TRENCH BOTTOM OR THE TOP OF THE FOUNDATION MATERIALS AS WELL AS PLACEMENT AND COMPACTION OF REQUIRED BEDDING MATERIAL TO UNIFORM GRADE SO THAT THE ENTIRE LENGTH OF THE PIPE WILL BE SUPPORTED ON A UNIFORMLY DENSE UNYIELDING BOSE.
16. A 6 FOOT SQUARE X 4-INCH THICK CONCRETE PAD SHALL BE INSTALLED AROUND ALL SSM'S AND A 3 FOOT SQUARE X 4-INCH THICK CONCRETE PAD SHALL BE INSTALLED AROUND ALL CLEANOUTS THAT ARE NOT IN A PAVEMENT AREA.
17. TEMPORARY STREET PATCHING SHALL BE ALLOWED FOR AS APPROVED BY THE CITY ENGINEER. TEMPORARY STREET PATCHING SHALL BE PROVIDED BY PLACEMENT AND COMPACTION OF ATB OR CLASS B ASPHALT CONCRETE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AS REQUIRED.
18. EROSION CONTROL MEASURE SHALL BE TAKEN BY THE CONTRACTOR DURING CONSTRUCTION TO PREVENT INFILTRATION AND INFLOW INTO EXISTING AND PROPOSED SANITARY SEWER FACILITIES.
19. PROVIDE TRAFFIC CONTROL PLAN(S) IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS REQUIRED.
20. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE A COPY OF THESE APPROVED PLANS ON CONSTRUCTION SITE AT ALL TIMES.
21. ANY CHANGES TO THE DESIGN SHALL FIRST BE REVIEWED AND APPROVED BY THE PROJECT ENGINEER AND THE CITY OF MARYSVILLE.
22. ALL LINES SHALL BE CLEANED AND PRESSURE TESTED PRIOR TO PAVING IN CONFORMANCE WITH THE ABOVE REFERENCED SPECIFICATIONS. (SEE NOTE 1.) TESTING OF THE SANITARY SEWER MAIN SHALL INCLUDE TV-ING OF THE MAIN BY THE CONTRACTOR. IMMEDIATELY PRIOR TO TV-ING, ENOUGH WATER SHALL BE RUN DOWN THE LINE SO IT COMES OUT THE LOWER MANHOLE. A COPY OF THE VIDEO TAPE SHALL BE SUBMITTED TO THE CITY OF MARYSVILLE. ACCEPTANCE OF THE LINE WILL BE MADE AFTER THE TAPE HAS BEEN REVIEWED AND APPROVED BY PUBLIC WORKS. A WATER TEST OF ALL MANHOLES IN ACCORDANCE WITH MARYSVILLE STANDARD MAY ALSO BE REQUIRED. TESTING SHALL TAKE PLACE AFTER ALL UNDERGROUND UTILITIES ARE INSTALLED AND COMPACTION OF THE ROADWAY SUBGRADE IS COMPLETED.
23. PRIOR TO BACKFILL, ALL MAINS AND APPURTENANCES SHALL BE INSPECTED AND APPROVED BY THE CITY OF MARYSVILLE DEPARTMENT OF PUBLIC WORKS. APPROVAL SHALL NOT RELIEVE THE CONTRACTOR FOR CORRECTION OF ANY DEFICIENCIES AND/OR FAILURES AS DETERMINED BY SUBSEQUENT TESTING AND INSPECTIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE CITY OF MARYSVILLE FOR THE REQUIRED INSPECTIONS.



RECORD DRAWING DISCLAIMER

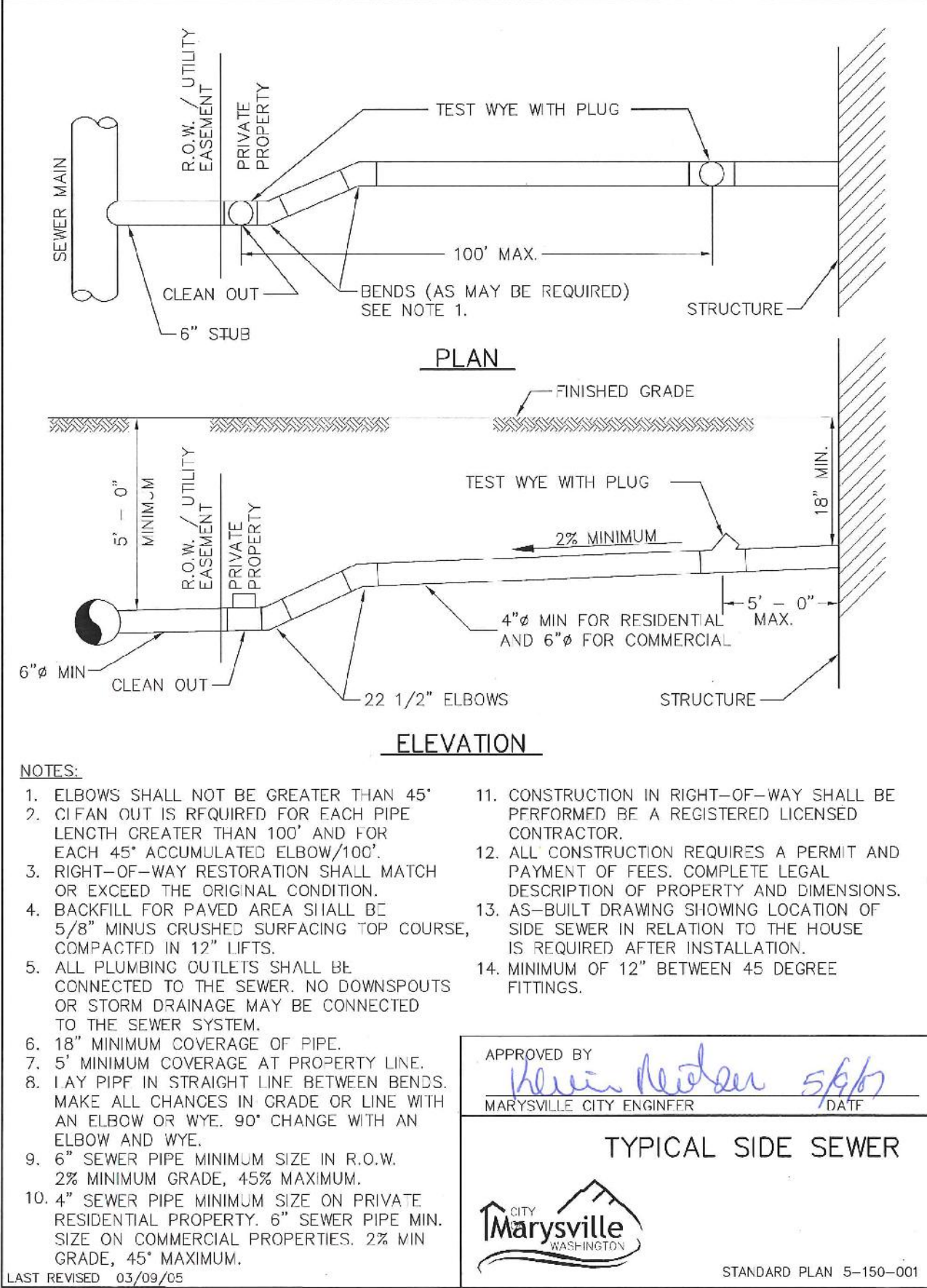
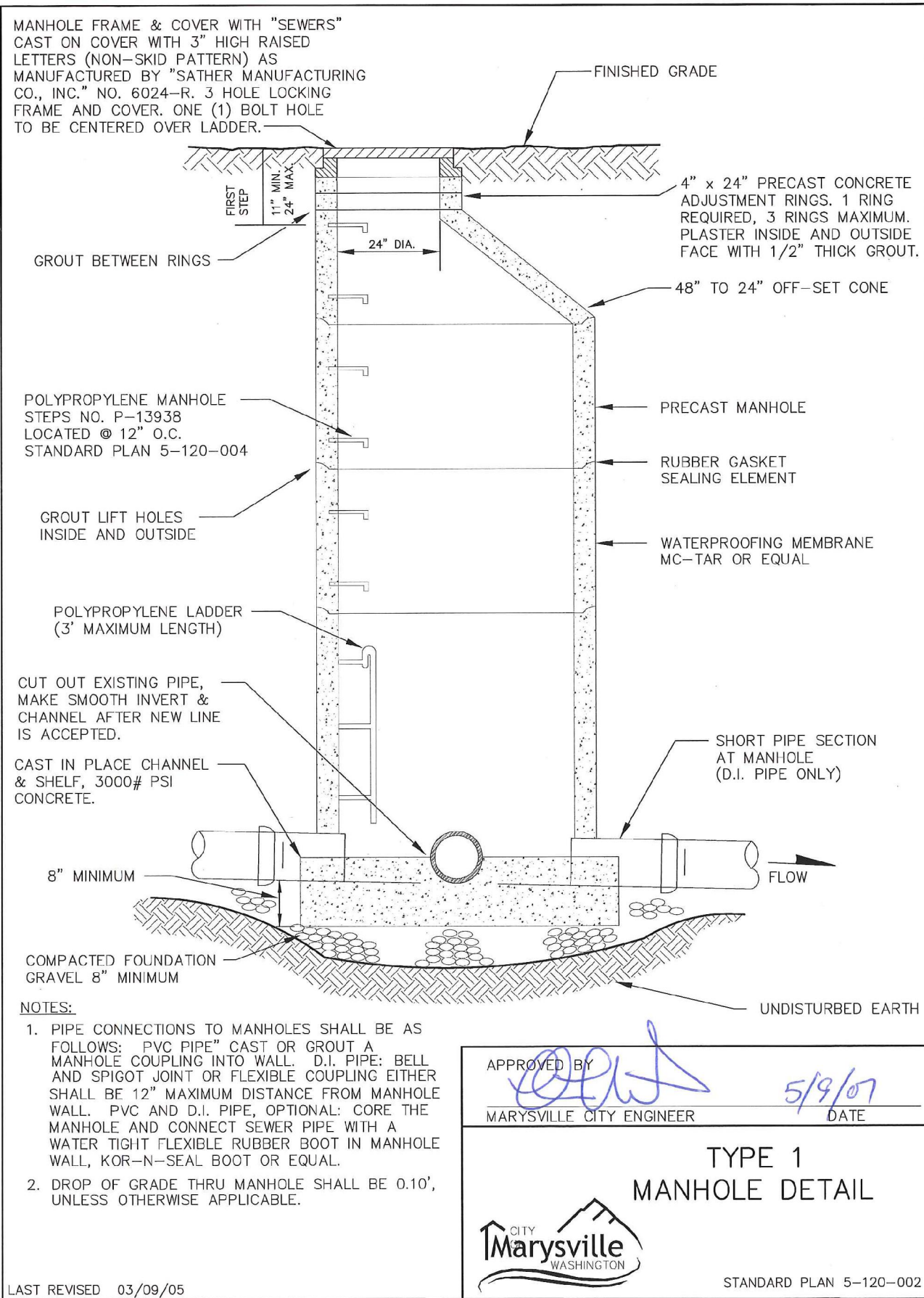
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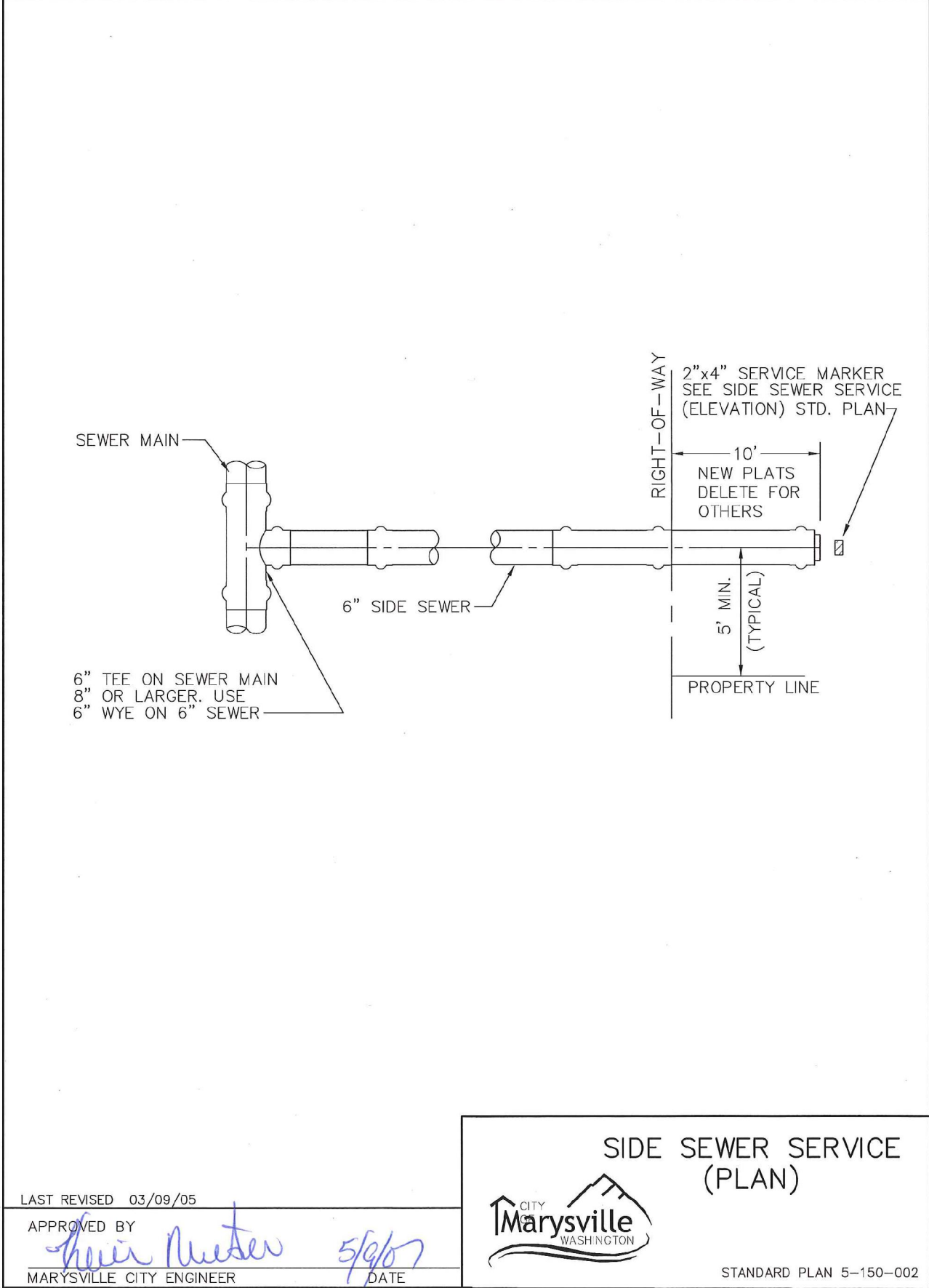
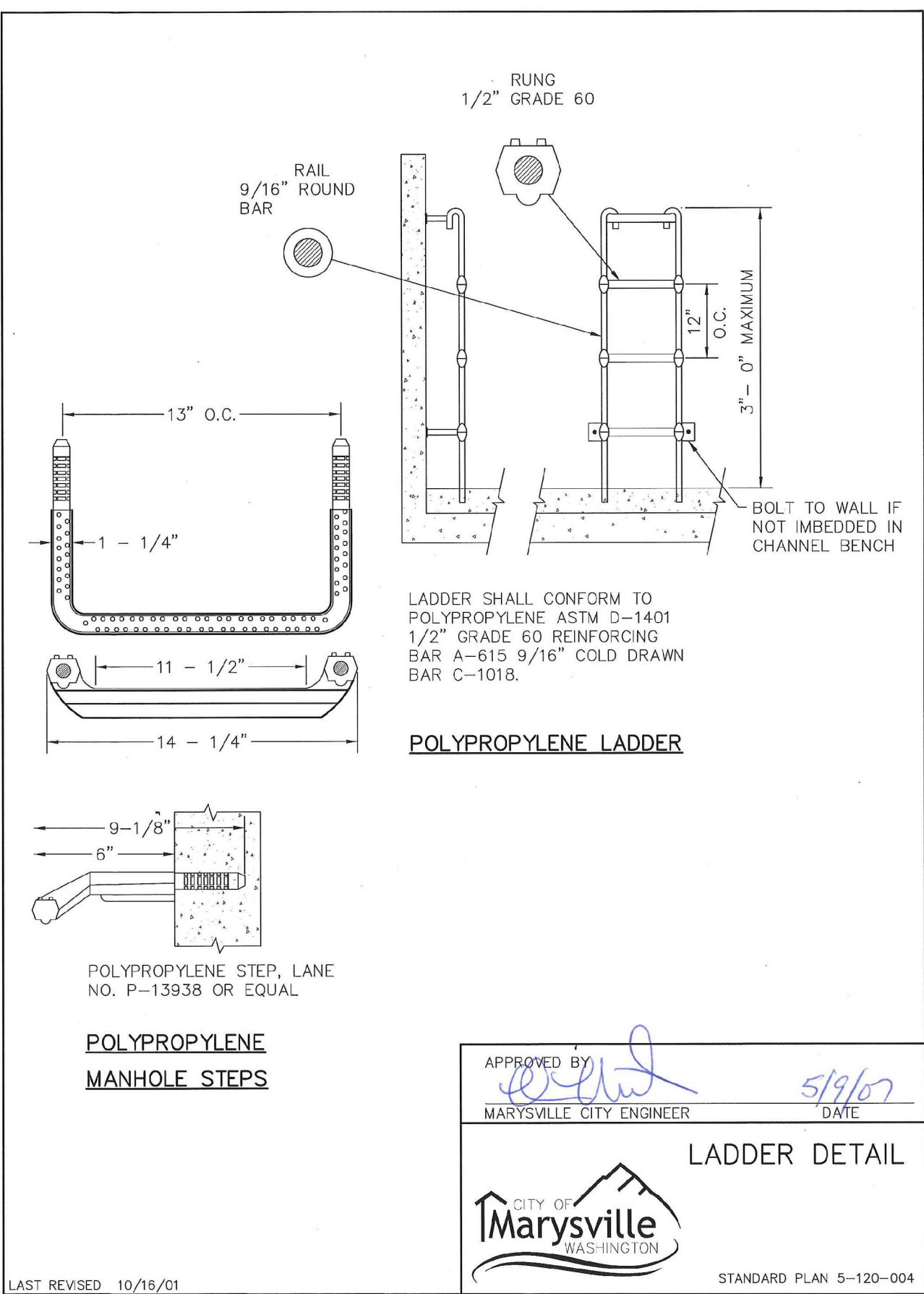
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CITY FILE NO: PA 22-003, G22-0023

CITY OF MARYSVILLE CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

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BY: KEN MCINTYRE, PE, DEVELOPMENT SERVICES MANAGER

APPROVAL FOR 18 MONTHS FROM DATE OF SIGNATURE.



REVISIONS		DESCRIPTION		RECORD DRAWINGS	
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
1	2-28-23		1	2-28-23	

Surveying

Engineering

Planning

LDC

WOODVILLE

WOODVILLE

Ken

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Woodville, WA 98072

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THOMAS P. ARBON

PROFESSIONAL ENGINEER

68921

JOB NUMBER: C21209

DRAWING NAME: C21209A-SS-01

DESIGNER: TPA

DRAFTING BY: JDG

DATE: 5-05-22

SCALE: AS NOTED

JURISDICTION: MARYSVILLE

SS-03

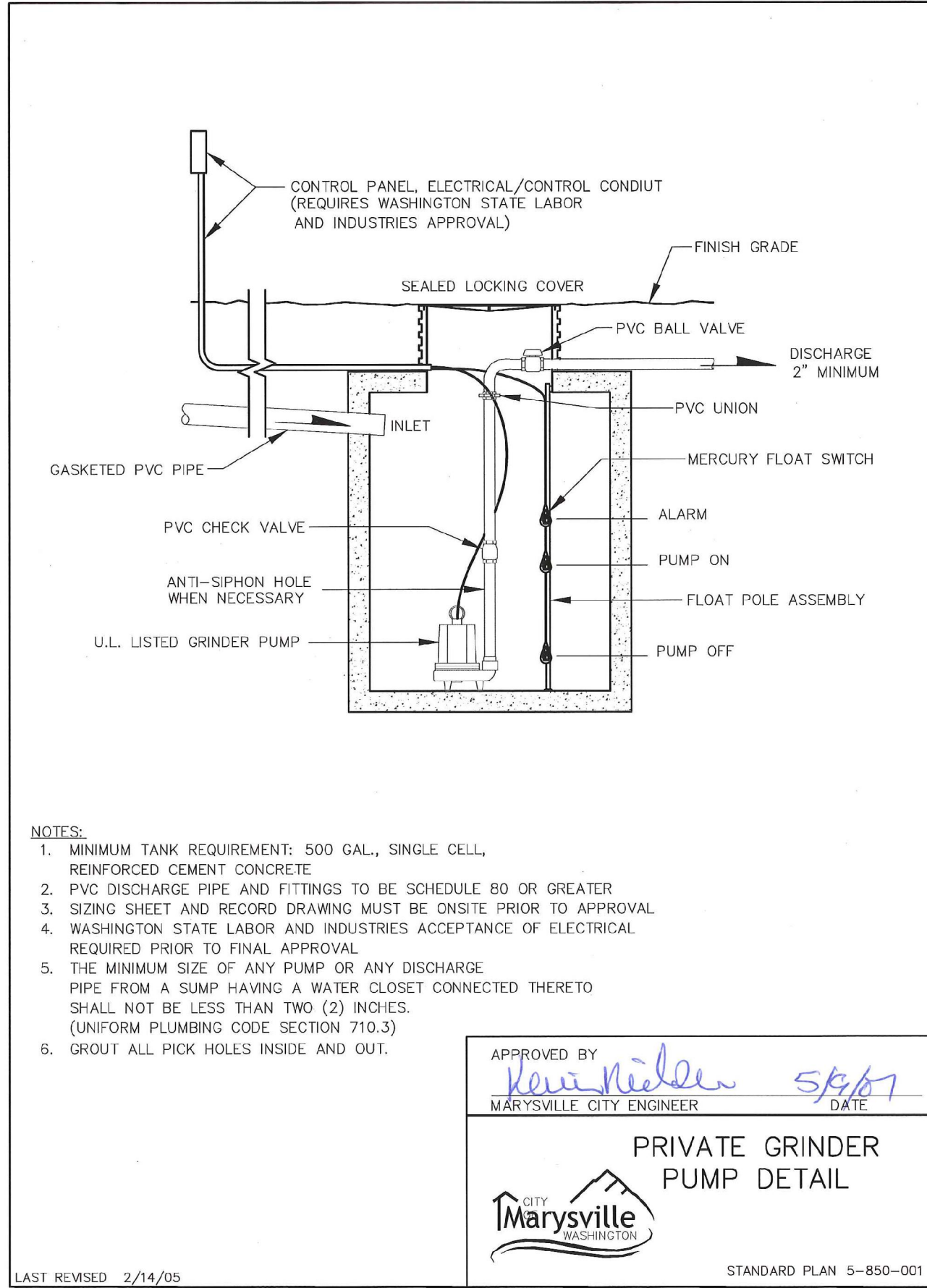
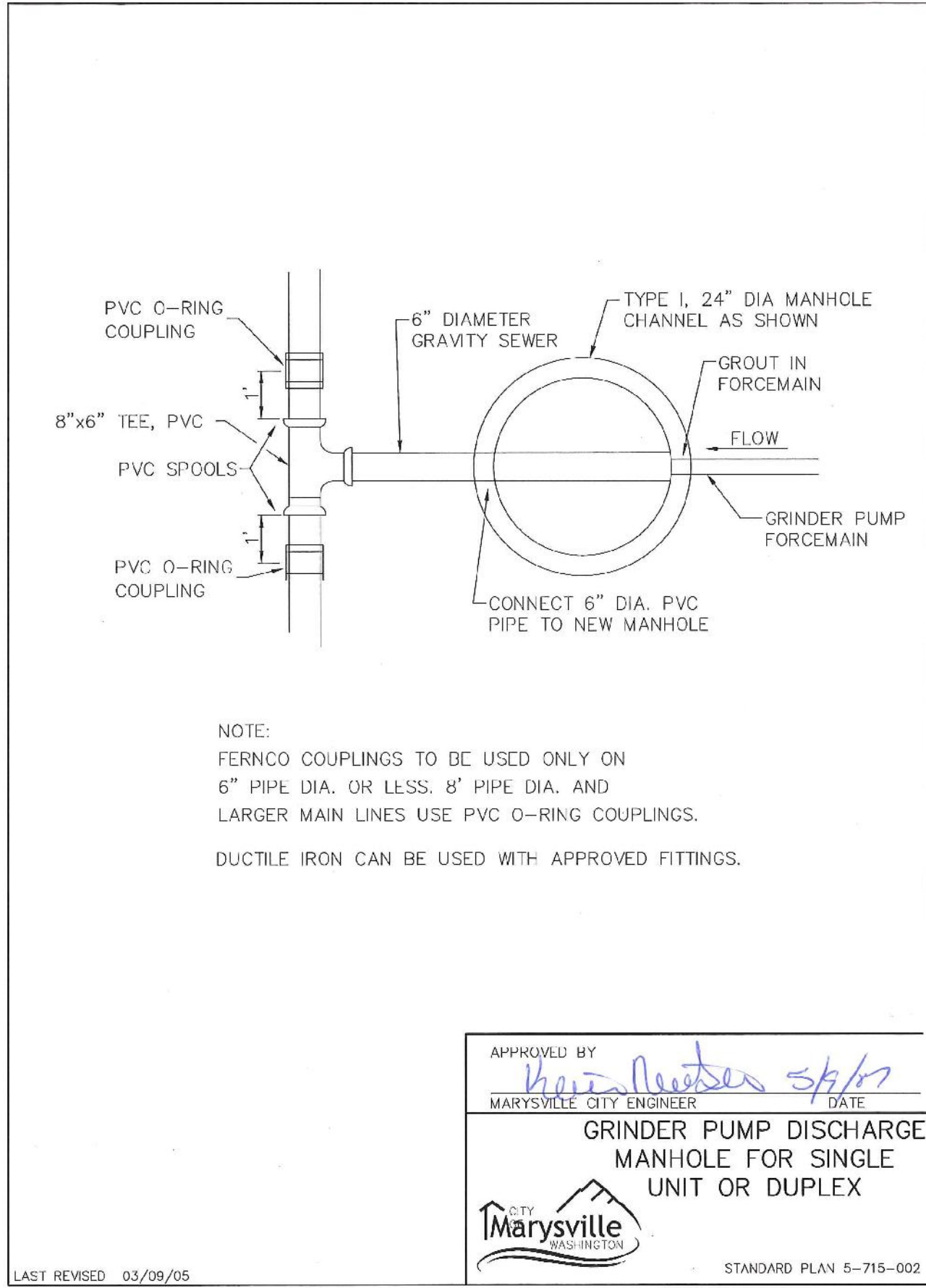
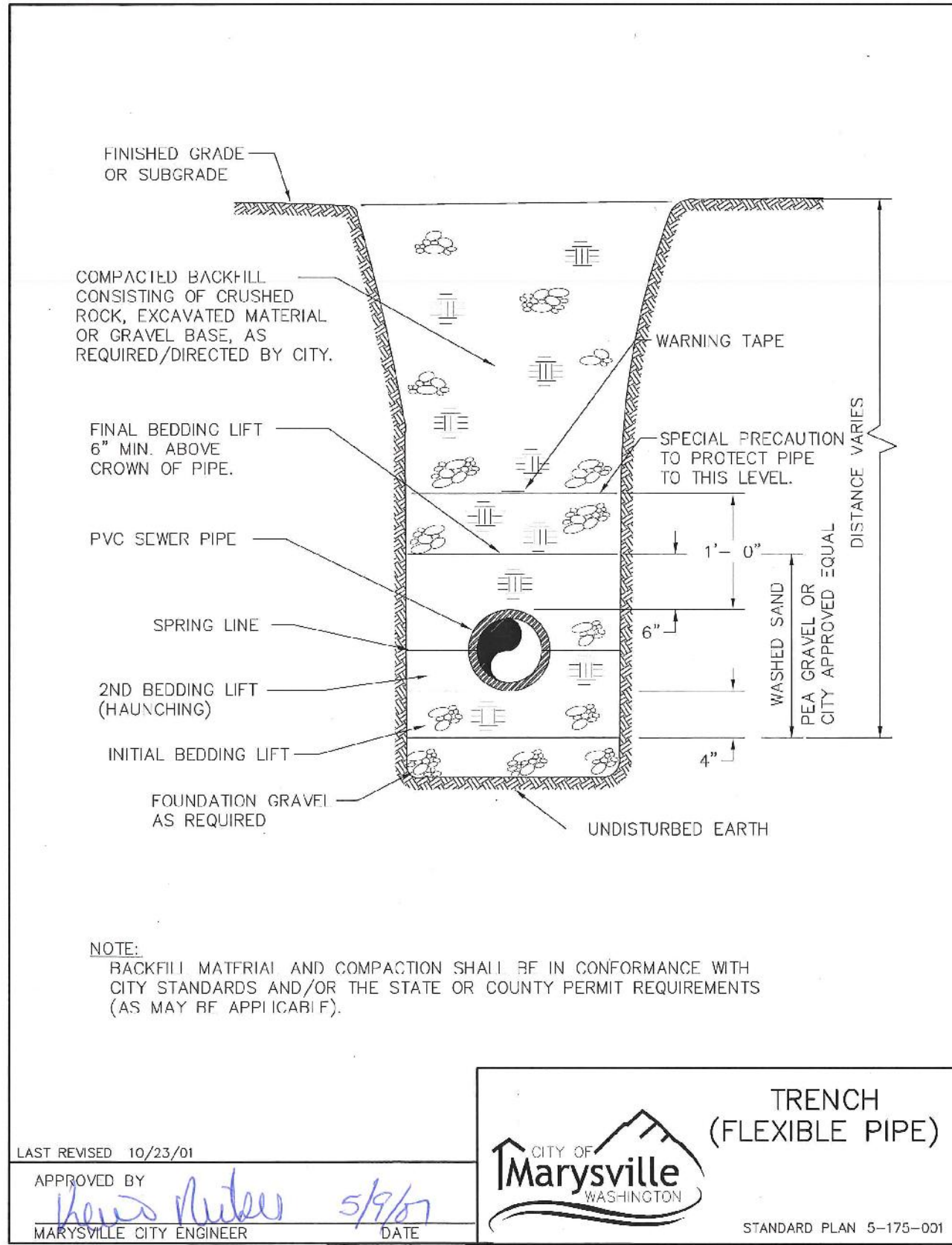
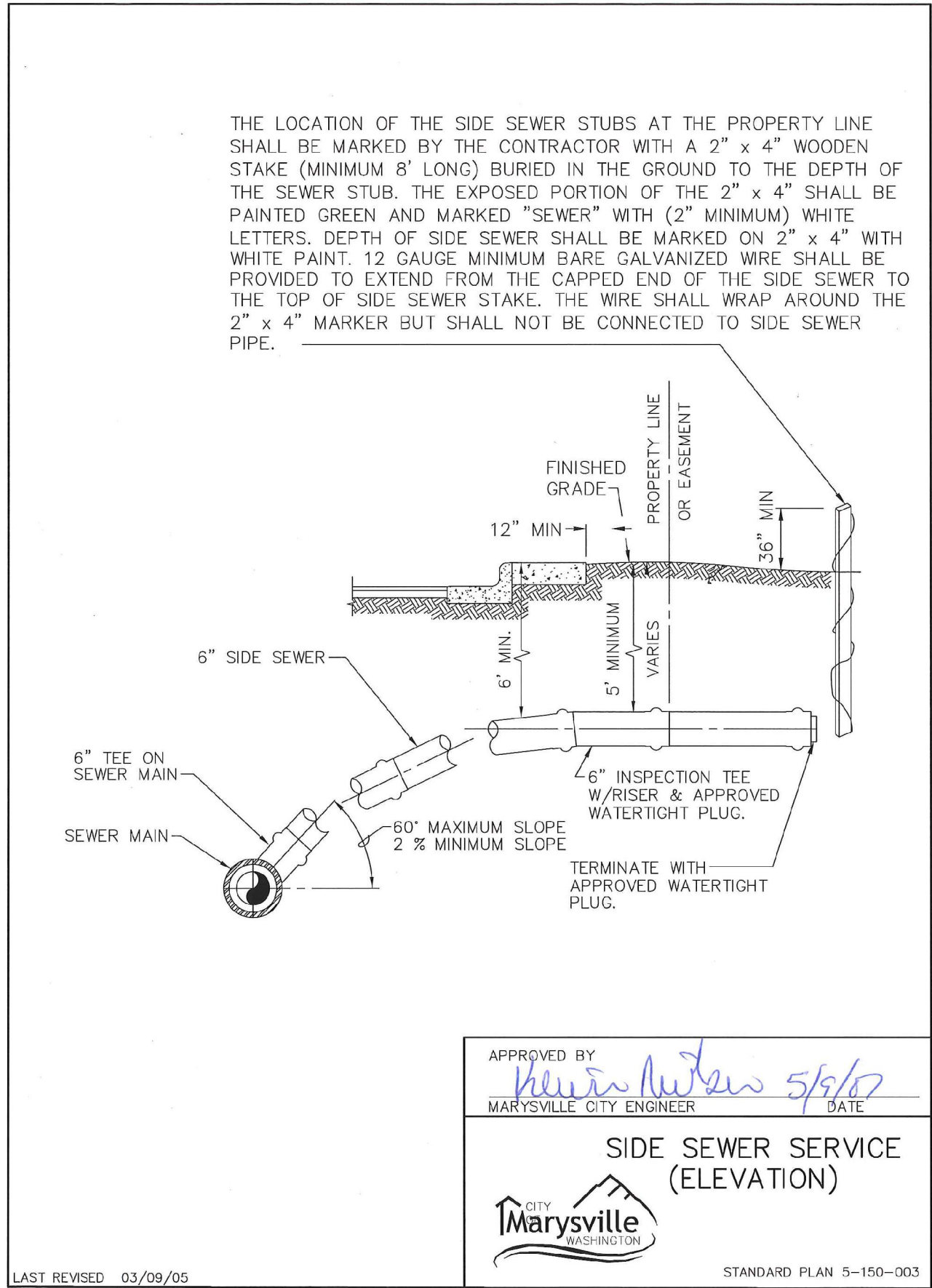
SHEET 22 OF 25

HUSEBY HOMES

EVANS PARK

SANITARY SEWER NOTES AND DETAILS





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CITY FILE NO: PA 22-003, G22-0023

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THIS DAY OF \_\_\_\_\_

BY: \_\_\_\_\_

KEN MCINTYRE, PE, DEVELOPMENT SERVICES MANAGER

APPROVAL FOR 18 MONTHS FROM DATE OF SIGNATURE.

NO.	DATE	DESCRIPTION
1	2-28-23	RECORD DRAWINGS

REVISIONS

BY: TPA

DESIGNER: TPA|  |  |  |
| --- | --- | --- |
| **LDC** | Surveying Engineering Planning  Kent Woodinville Olympia 20210 142nd Avenue NE Woodinville, WA 98072 T 425.806.1869 www.LDCorp.com F 425.482.2893 | | |

HUSEBY HOMES  
EVANS PARK  
SANITARY SEWER NOTES AND DETAILS

JOB NUMBER:	C21203
DRAWING NAME:	C21203A-SS-01
DESIGNER:	TPA
DRAFTING BY:	JDG
DATE:	5-05-22
SCALE:	AS NOTED
JURISDICTION:	MARYSVILLE

SS-04  
SHEET 23 OF 25

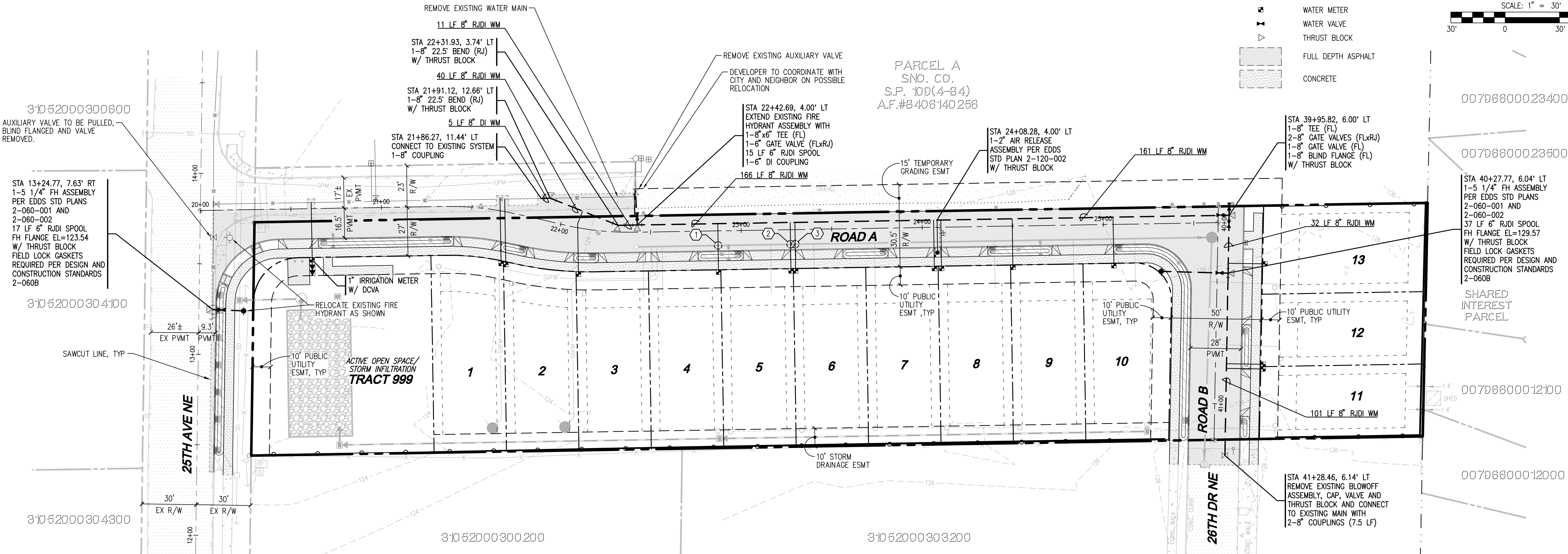
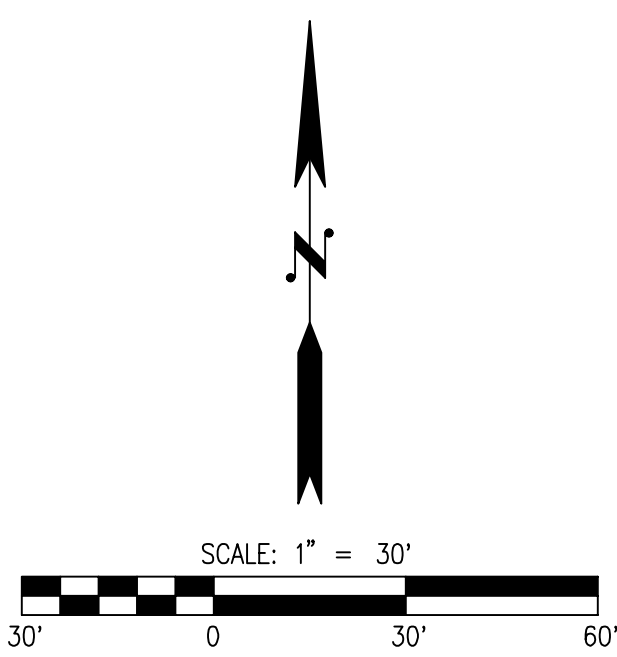


PIPE CROSSING TABLE (NOT AS-BUILT)

①	STA 22+87.17, 8.00' RT. (ROAD A) 3/4" WATER SERVICE BOTTOM=124.10 8" C900 SEWER PIPE TOP=124.60 PIPE SEPARATION=1.50'	②	STA 23+27.17, 8.00' RT. (ROAD A) 3/4" WATER SERVICE BOTTOM=126.50 8" C900 SEWER PIPE TOP=124.75 PIPE SEPARATION=1.75'
③	STA 23+29.77, 8.00' RT. (ROAD A) 3/4" WATER SERVICE BOTTOM=126.50 8" C900 SEWER PIPE TOP=124.75 PIPE SEPARATION=1.75'		

LEGEND

	STORM PIPE
	SEWER PIPE
	SEWER FORCE MAIN
	DRAIN LINE
	WATER PIPE
	RETAINING WALL
	PRIVACY FENCING
	STREET LIGHT
	SIGN
	FIRE HYDRANT
	WATER METER
	WATER VALVE
	THRUST BLOCK
	FULL DEPTH ASPHALT
	CONCRETE



WATER GENERAL NOTES

- ALL WORKMANSHIP AND MATERIAL SHALL BE IN ACCORDANCE WITH CITY OF MARYSVILLE STANDARDS AND THE MOST CURRENT COPY OF THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION.
- A PRECONSTRUCTION MEETING SHALL BE HELD WITH THE CITY PRIOR TO THE START OF CONSTRUCTION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE OR HAVE LOCATED BY THE APPROPRIATE COMPANIES ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CALL UNDERGROUND LOCATE AT 1-800-553-4344 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATIONS.
- WATER PIPE SHALL BE DUCTILE IRON PIPE STANDARD THICKNESS CLASS 52 CEMENT-LINED UNLESS OTHERWISE SPECIFIED AND SHALL CONFORM TO ANSI/AWWA C151/A21.51.
- GATE VALVES SHALL BE RESILIENT WEDGE, NRS (NON RISING STEM) WITH O-RINGS SEALS. VALVE ENDS SHALL BE MECHANICAL JOINT OR ANSI FLANGES. VALVES SHALL CONFORM TO AWWA 509-80. VALVES SHALL BE MUELLER, M & H, CLOW R/W OR WATEROUS SERIES 500.
- FITTINGS SHALL BE DUCTILE IRON SHORT BODY COMPACT CONFORMING TO AWWA C110, C11 AND C153 AND SHALL BE CEMENT-MORTAR LINED CONFORMING TO AWWA C104. THE CITY WILL BE GIVEN 72 HOURS NOTICE PRIOR TO SCHEDULING A SHUTDOWN. WHERE CONNECTIONS REQUIRE "FIELD VERIFICATION", CONNECTION POINTS WILL BE EXPOSED BY CONTRACTOR AND FITTINGS NOTIFIED 48 HOURS PRIOR TO DISTRIBUTING SHUT-DOWN NOTICES.
- FIRE HYDRANTS SHALL CONFORM TO AWWA C501 AND SHALL BE OF STANDARD MANUFACTURE AND OF A PATTERN APPROVED BY MARYSVILLE, WITH STORZ 5" QUARTER TURN FITTING. HYDRANTS SHALL BE M&H RELIANT STYLE 929 OR MUELLER A-423 (M). HYDRANTS SHALL BE BAGGED UNTIL SYSTEM IS APPROVED.
- ALL LINES SHALL BE DISINFECTED AND FLUSHED IN CONFORMANCE WITH WSDOT STANDARDS AND SPECIFICATIONS. ALL PIPE SHALL BE TESTED AT 250 PSI. THE CONTRACTOR SHALL FURNISH ALL RN 2-1 TEMPORARY PLUGS, TESTING DEVICES, ETC. THE CITY SHALL BE PRESENT FOR ALL TESTING. THE CITY WILL TAKE PURITY TESTS, AND CONNECTION WILL BE AUTHORIZED FOLLOWING PASSING OF THE TESTS. THE CONTRACTOR SHALL NOT OPERATE ANY VALVE OR PART OF THE CITY WATER SYSTEM WITHOUT NOTIFICATION AND SPECIFIC SUPERVISION OF THE CITY UTILITY SUPERINTENDENT. THE CONTRACTOR SHALL MAKE ALL CONNECTIONS TO THE SYSTEM REQUIRED AFTER MAKING ARRANGEMENTS WITH THE CITY IN ADVANCE. WORK AND PROCEDURES SHALL CONFORM TO APWA SEC. 7-09.3(23)
- INSTALLATION OF PIPE, FITTINGS AND VALVES, HYDRANTS, AND APPURTENANCES SHALL CONFORM TO WSDOT STANDARD SPECIFICATIONS. COVER SHALL BE 42 INCHES OVER THE TOP OF PIPE UNLESS OTHERWISE NOTED ON PLANS. IN THE EVENT GRADE REVISION FOLLOWING WATER MAIN CONSTRUCTION RESULTS IN COVER OVER THE WATER MAIN OF LESS THAN 3 FEET OR IN EXCESS OF 5 FEET, THE WATER MAIN SHALL BE RECONSTRUCTED BY THE OWNER TO CONFORM TO THE SPECIFICATIONS OF THE CITY OF MARYSVILLE UNLESS DEPTH HAS BEEN PRE-APPROVED BY THE CITY. ALL ADDED COSTS OF INSPECTING SUCH WATER MAIN RECONSTRUCTION SHALL BE CHARGED TO THE DEVELOPER.
- PRIOR TO CONSTRUCTION OF ANY WATER MAINS, THE LOT CORNERS SHALL BE STAKED AND WATER MAIN LOCATIONS ESTABLISHED BY SURVEY, COST OF WHICH IS TO BE BORNE BY THE DEVELOPER.
- TO MAINTAIN THE REQUIRED ALIGNMENT, USE SHORT LENGTHS AND DEFLECT THE JOINTS OR USE NECESSARY BENDS.
- BEDDING MATERIAL MEETING THE REQUIREMENTS FOR RIGID PIPE SHALL BE PLACED TO A DEPTH OF 6" UNDER AND AROUND THE PIPE AND TO A DEPTH OF AT LEAST 12 INCHES OVER THE TOP OF THE PIPE. THE BEDDING MATERIALS SHALL BE RAMMED AND TAMPED AROUND THE PIPE BY THE USE OF SHOVELS OR OTHER APPROVED HAND-HELD TOOLS SO AS TO PROVIDE FIRM AND UNIFORM SUPPORT OVER THE FULL LENGTH OF ALL PIPE, VALVES, AND FITTINGS. CARE SHALL BE TAKEN TO PREVENT ANY DAMAGE TO THE PIPE OR ITS PROTECTIVE COATING.
- SEPARATION OF WATER AND SEWER MAINS SHALL CONFORM TO W.D.O.E. STANDARDS OR SPECIAL CONSTRUCTION REQUIREMENTS.
- SERVICES, BLOW-OFFS, AND MISCELLANEOUS DETAILS SHALL BE SHOWN ON THE DRAWINGS OR STANDARD PLANS.
- PRV TO BE REQUIRED FOR INDIVIDUAL LOTS IF STATIC PRESSURE EXCEEDS 80 PSI.

FIRE NOTES

- FIRE HYDRANTS WITH APPROVED WATER SUPPLY OR APPROVED ACCESS FOR FIRE APPARATUS MUST BE IN SERVICE PRIOR TO BUILDING CONSTRUCTION.
- HYDRANT LOCATIONS SHALL BE MARKED WITH BLUE REFLECTIVE HYDRANT MARKERS 4" OFF CENTERLINE ON THE HYDRANT SIDE OF THE ROAD.

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DISCLAIMER

TOPOGRAPHIC SURVEY INFORMATION CONTAINED ON THESE PLANS HAS BEEN PROVIDED BY PACIFIC COAST SURVEYS, INC. LDC, INC. (LAND DEVELOPMENT CONSULTANTS, INC.) ASSUMES NO LIABILITY AS TO THE ACCURACY AND COMPLETENESS OF THIS DATA. ANY DISCREPANCIES FOUND BETWEEN WHAT IS SHOWN ON THE PLANS AND WHAT IS NOTED IN THE FIELD SHOULD BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ENGINEER.



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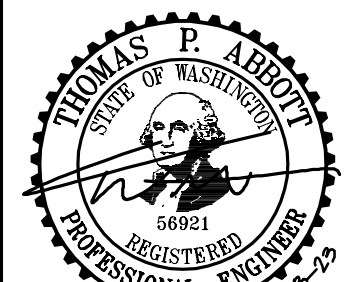
REVISIONS	BY	DATE	DESCRIPTION
1	TPA	2-28-23	RECORD DRAWINGS

**LDC**  
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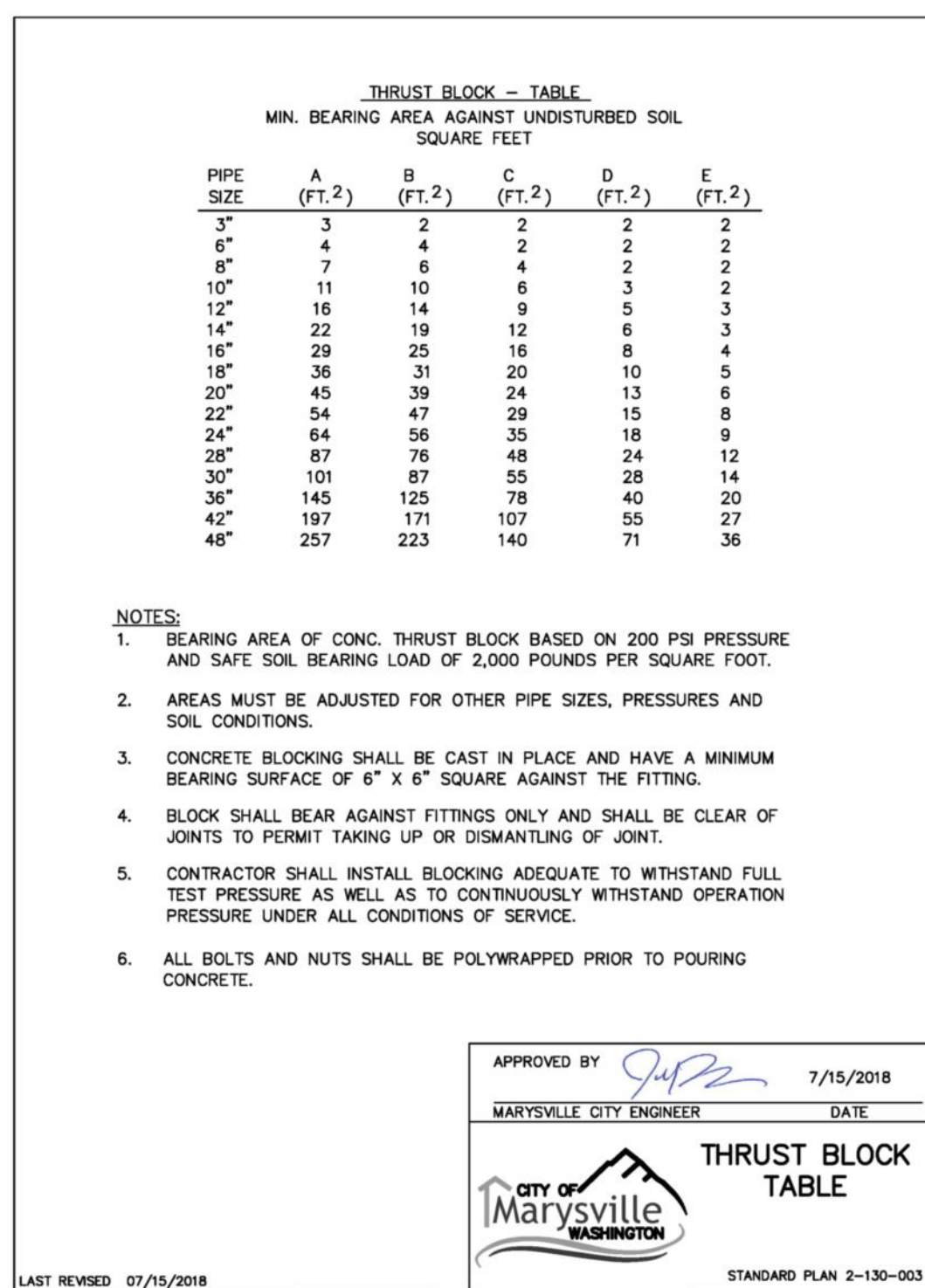
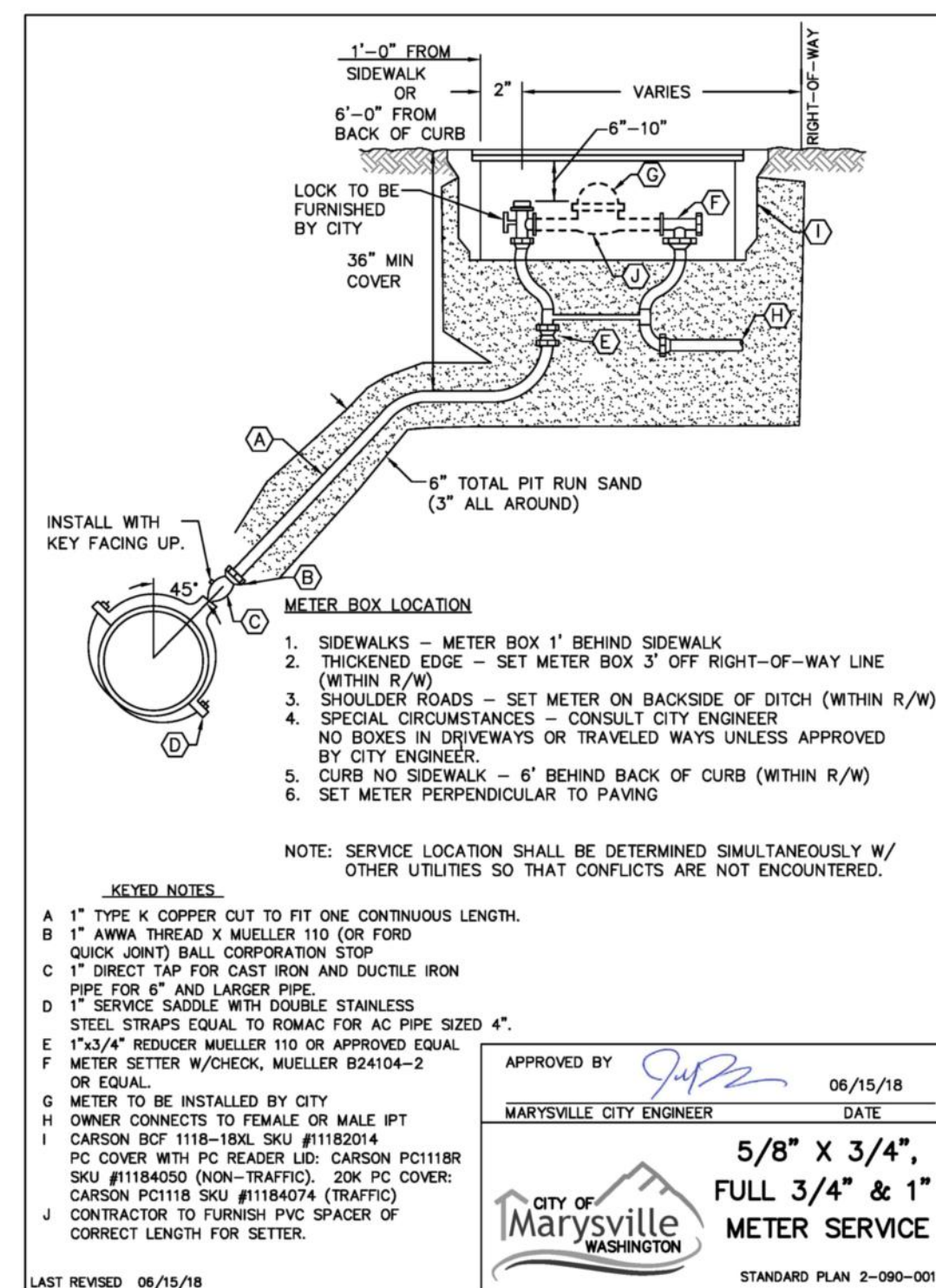
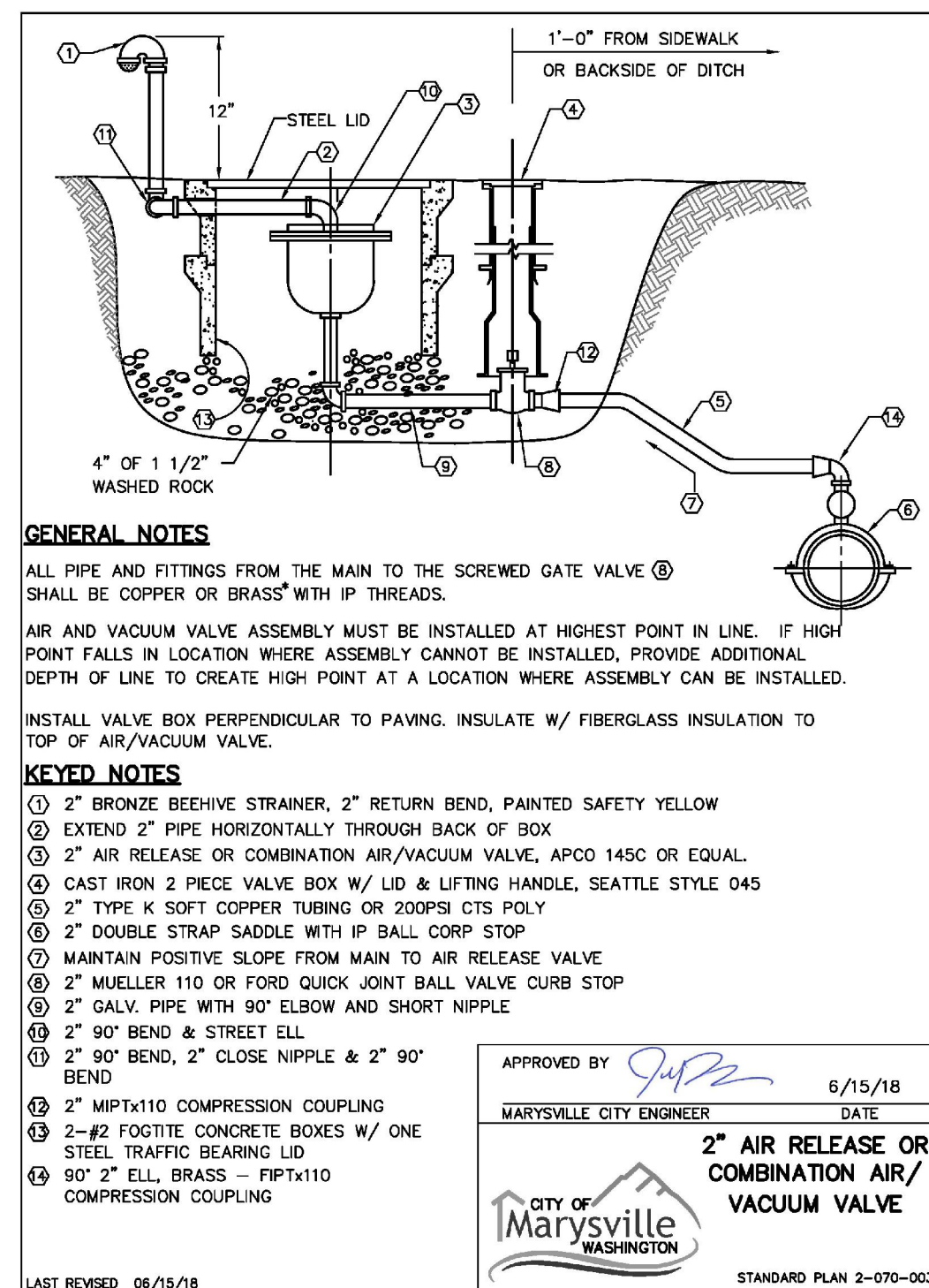
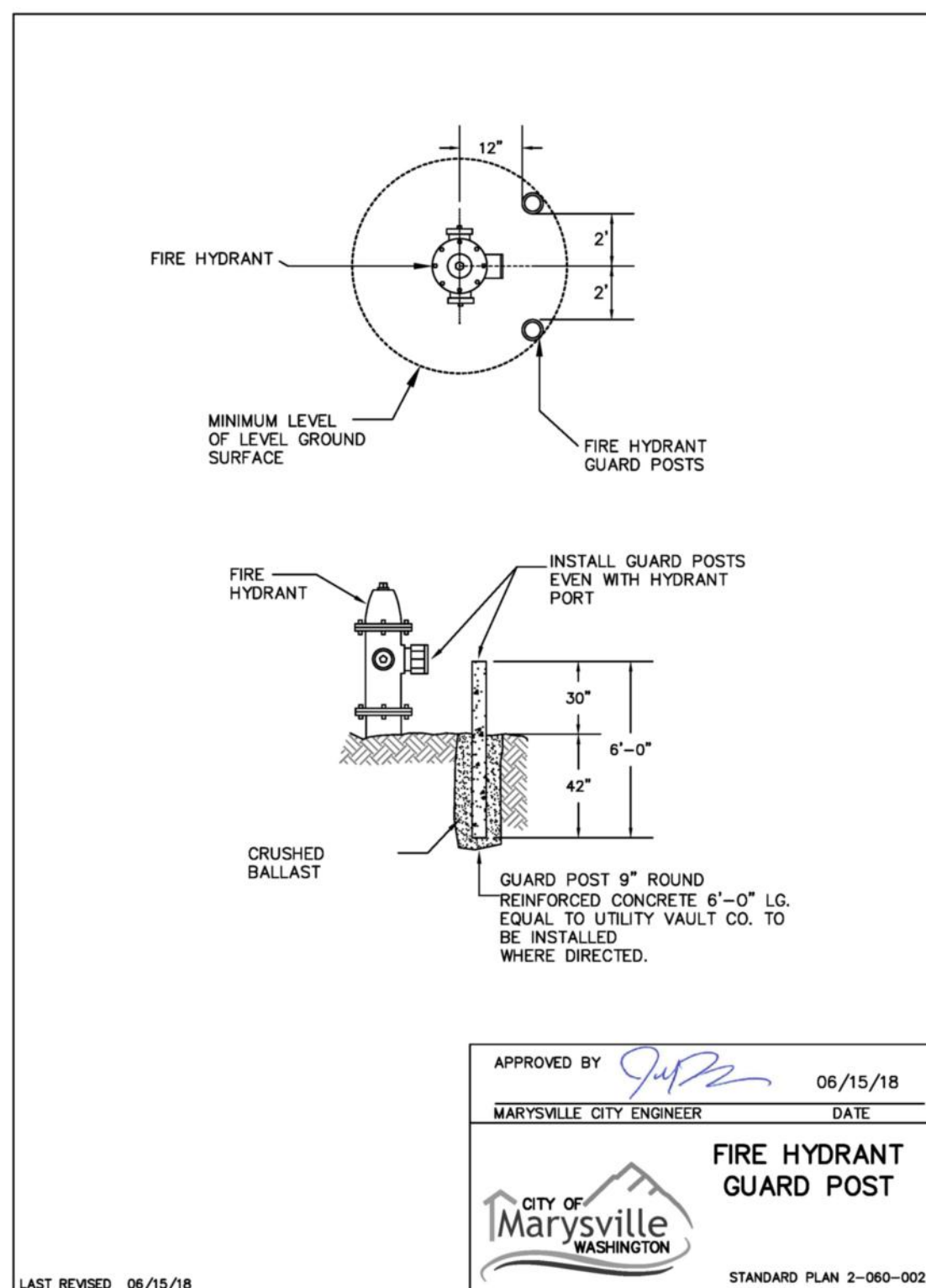
HUSEBY HOMES  
EVANS PARK  
WATER PLAN



JOB NUMBER: C21209  
DRAWING NAME: C21209A-WA-PL  
DESIGNER: TPA  
DRAFTING BY: JDG  
DATE: 5-05-22  
SCALE: 1"=30'  
JURISDICTION: MARYSVILLE

WA-01

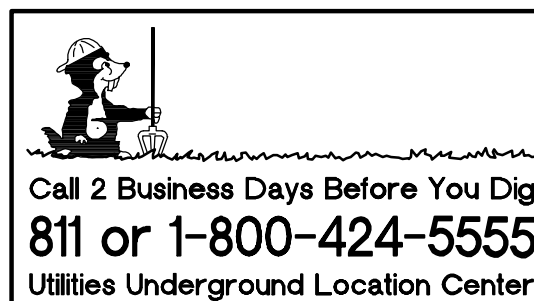




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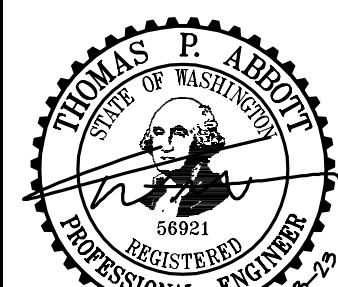
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**WA-02**

SHEET **25** OF **25**