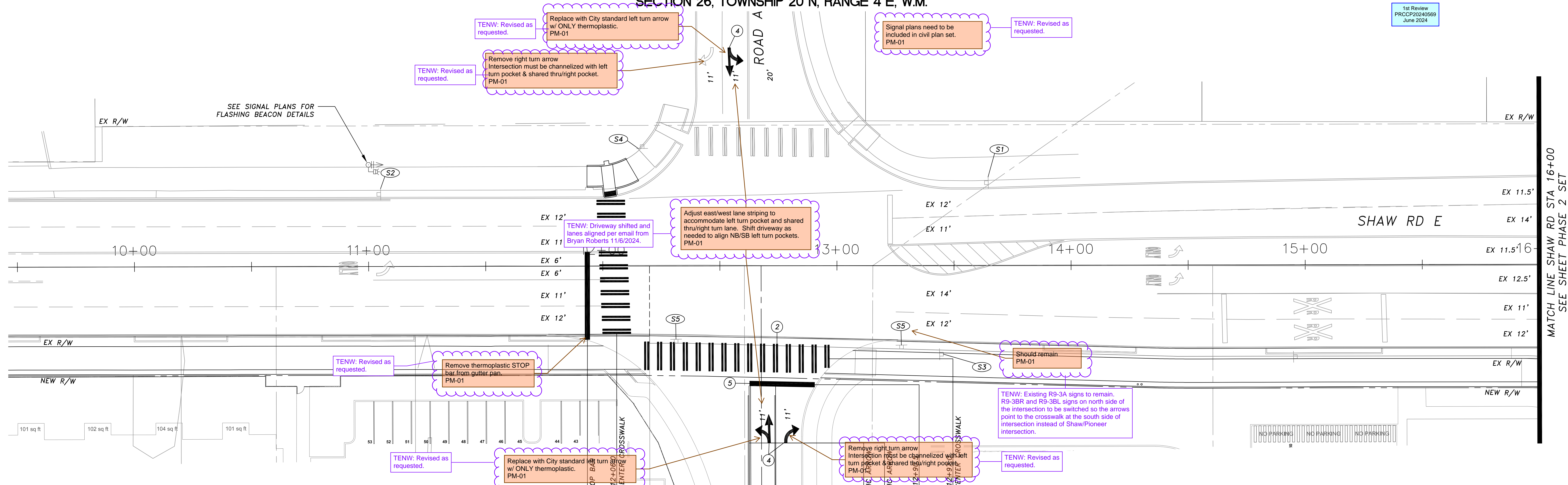


SECTION 26, TOWNSHIP 20 N, RANGE 4 E, W.M.

1st Review
PRCCP20240569
June 2024

PAVEMENT MARKING CONSTRUCTION NOTES

1. INSTALL 8" WHITE PAINTED GORE STRIPE WITH TYPE 2W RPM'S AT 10' O.C. PER CITY OF PUYALLUP STANDARD 01.03.06 AND 01.03.10, DETAIL A.
2. INSTALL WHITE THERMOPLASTIC CROSSWALK PER CITY OF PUYALLUP STANDARD 01.03.11.
3. INSTALL PAINTED DOUBLE YELLOW CENTERLINE (DYC) STRIPE WITH TYPE 2YY RPM'S 20' O.C. PER CITY OF PUYALLUP STANDARD 01.03.10, DETAIL B.
4. INSTALL WHITE THERMOPLASTIC TRAFFIC ARROW PER CITY OF PUYALLUP STANDARDS 01.03.06 AND 01.03.14 AND WSDOT STANDARD PLAN M-24.40. CENTER IN LANE AT THE STATION SHOWN.
5. INSTALL 24" WIDE WHITE THERMOPLASTIC STOP BAR PER CITY OF PUYALLUP STANDARD 01.03.06 AND 01.03.11.

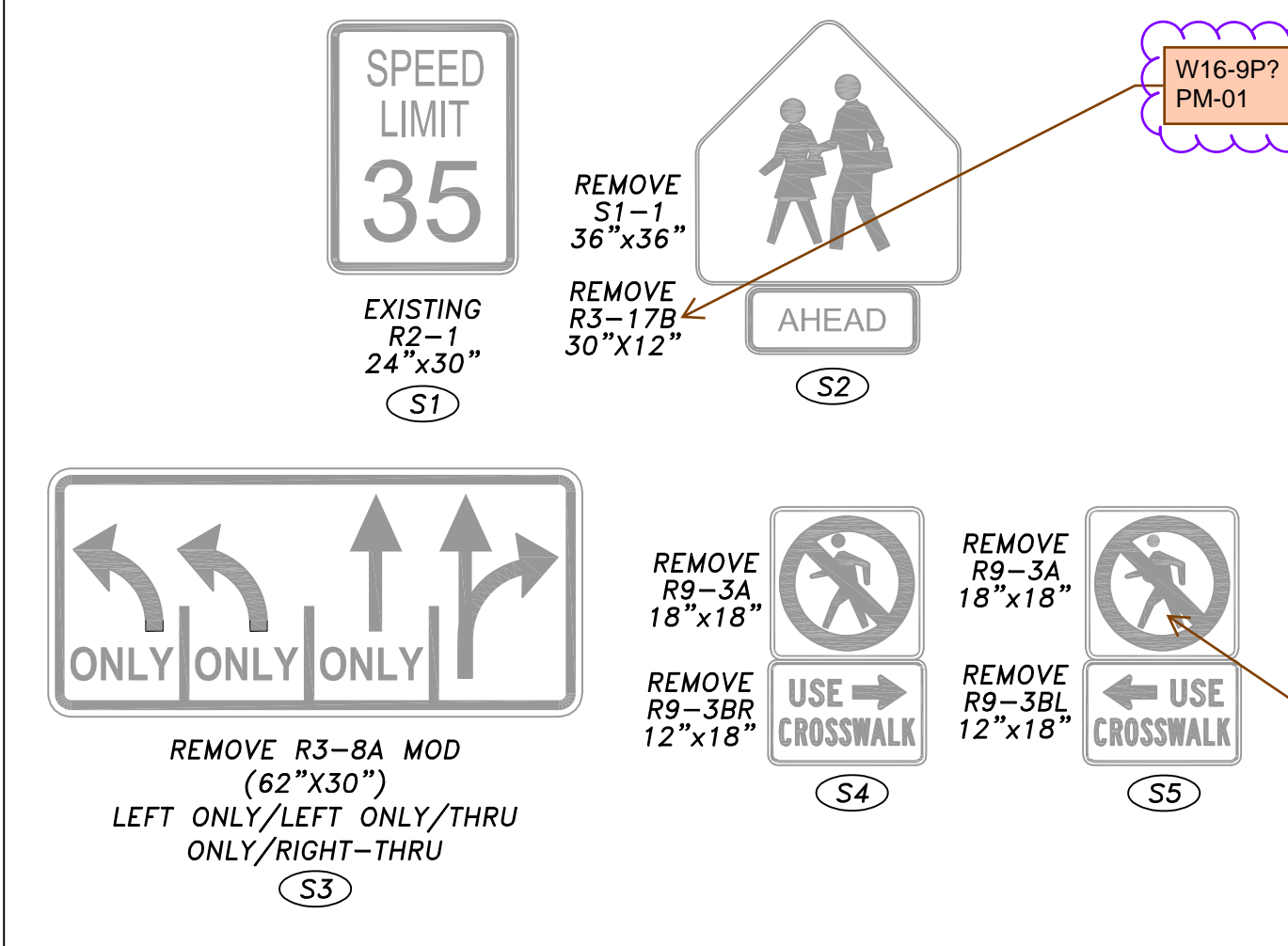
PAVEMENT MARKING GENERAL NOTES

1. ALL PAVEMENT MARKINGS SHALL BE LAID OUT WITH SPRAY PAINT AND APPROVED BY CITY OF PUYALLUP (COP) TRAFFIC OPERATIONS PRIOR TO INSTALLATION. CONTRACTOR SHALL COORDINATE COP TRAFFIC OPERATIONS APPROVAL THROUGH THE COP INSPECTOR.
2. ALL CROSSWALK MARKINGS SHALL BE CENTERED WITHIN THE ADJACENT ADA RAMPS UNLESS OTHERWISE DIRECTED BY THE COP INSPECTOR.
3. COORDINATE WITH CITY STRIPING TECHNICIAN AT 253.405.4389 PRIOR TO INSTALLATION.
4. CONTRACTOR SHALL COORDINATE WITH CITY SIGN SPECIALIST, ~~TED SCHUMAN, (253.405.4389)~~ PRIOR TO SIGN INSTALLATIONS.
5. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL SIGNS AND CHANNELIZATION PER CITY OF PUYALLUP STANDARDS. CONTRACTOR SHALL LAYOUT OUT ALL SIGNS AND CHANNELIZATION, AND THEN CONTACT PUYALLUP, AT 253.405.4389, 48-HOURS IN ADVANCE OF INSTALLATION TO VERIFY LAYOUT.
6. INSTALL ALL SIGNS IN CONCRETE/ASPHALT PER CITY OF PUYALLUP STANDARD 01.04.01.
7. CONTRACTOR SHALL PRUNE ALL VEGETATION IN CONFLICT WITH SIGNS TO ENSURE UNOBSTRUCTED VISIBILITY TO DRIVERS AND PEDESTRIANS.
8. UNLESS OTHERWISE NOTED, INSTALL ALL SIGNS, PER CITY OF PUYALLUP STANDARD DETAIL 01.04.01, AT 7" ABOVE FINISHED GRADE, AS MEASURED TO THE BOTTOM OF SIGN. ON THE SAME POST, THE LOWEST SIGN SHALL BE 7" ABOVE FINISHED GRADE, AS MEASURED TO THE BOTTOM OF THE SIGN.

PAVEMENT MARKING REMOVAL NOTE

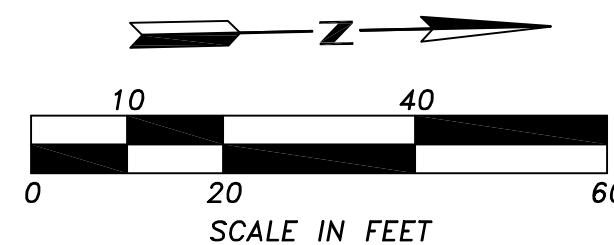
1. REMOVE EXISTING CONFLICTING STRIPING AS NECESSARY TO ACCOMMODATE NEW STRIPING. CONTRACTOR TO COORDINATE STRIPING REMOVAL WITH ASPHALT RESTORATION WORK.

SIGN LEGEND



SIGNING CONSTRUCTION NOTES

1. EXISTING R2-1 "SPEED LIMIT" SIGN AND EXISTING POST TO REMAIN. PROTECT DURING CONSTRUCTION.
2. REMOVE EXISTING S1-1 AND R3-17B SIGNS AND POST AND RETURN TO CITY. RESTORE AREA TO MATCH SURROUNDING.
3. REMOVE EXISTING R3-8A MOD SIGN AND POST AND RETURN TO CITY. RESTORE AREA TO MATCH SURROUNDING.
4. REMOVE EXISTING R9-3A SIGN AND R9-3BR SIGN AND RETURN TO CITY.
5. REMOVE EXISTING R9-3A SIGN AND R9-3BL SIGN AND RETURN TO CITY.



LEGEND

- PAVEMENT MARKING NOTE
- SIGNING NOTE
- SIGN (NEW)
- SIGN (EXISTING)

APPROVED

BY: CITY OF PUYALLUP
ENGINEERING SERVICES

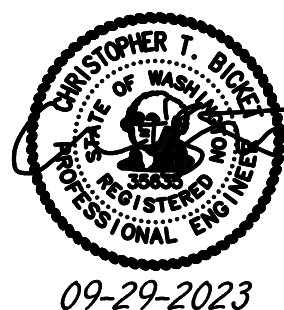
DATE:

NOTE: THIS APPROVAL IS VOID AFTER 1 YEAR FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.

SEE SHEET PM-02 TO PM-03 FOR:
STANDARD PLAN DETAILS

No.	Date	By	Revision Description

Designed By:	Issue Date:
LAB	09/29/2023
Drawn By:	PERMIT
LAB	
Checked By:	Project No:
GRL	2022-295



TENW
Transportation Engineering NorthWest
Transportation Planning | Design | Traffic Impact & Operations
11400 SE 8th Street, Suite 200, Bellevue, WA 98004 | Office (425) 889-6747
Project Contact: Trevor Takara, P.E.
Phone: 206-914-3843

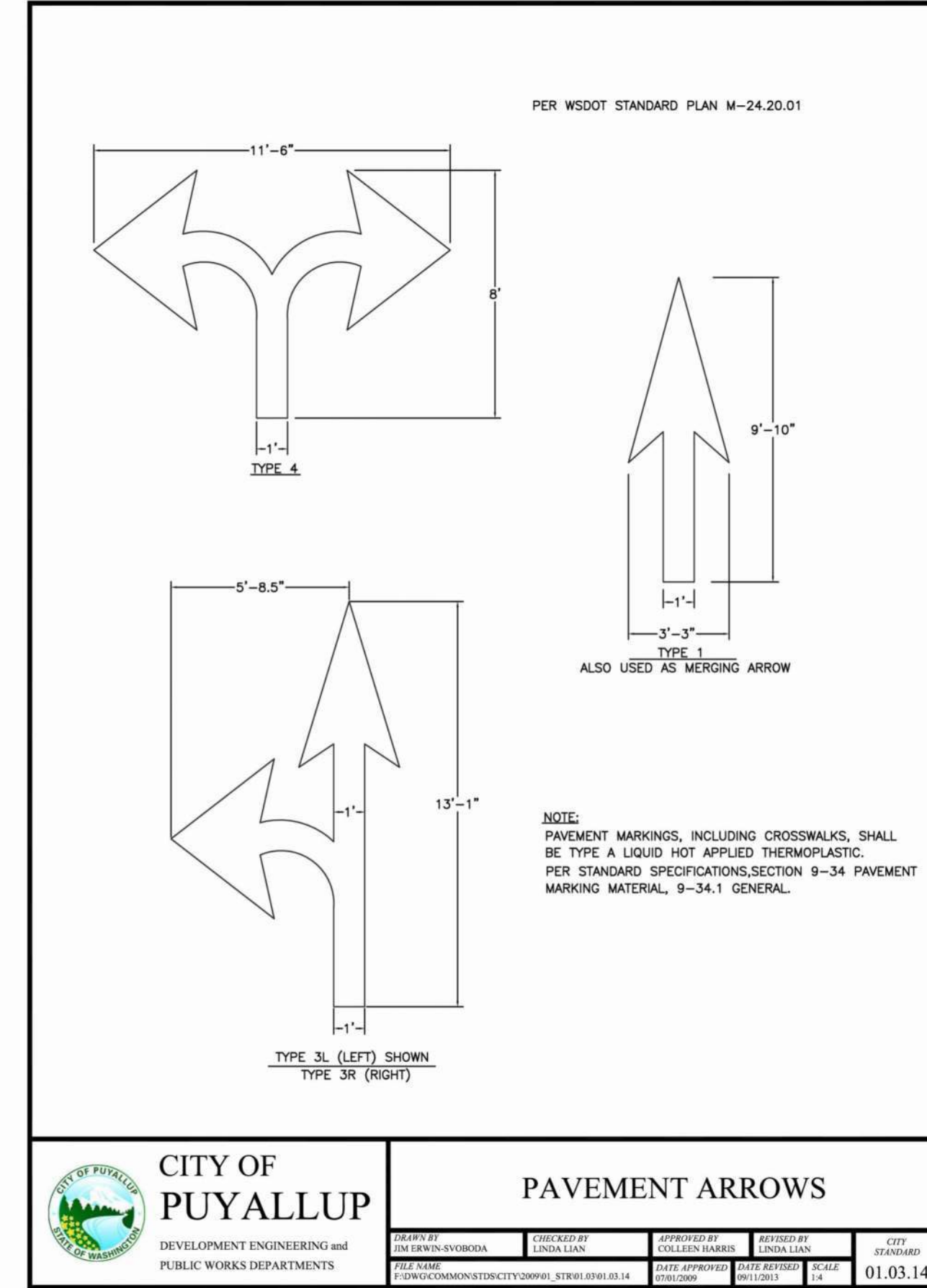
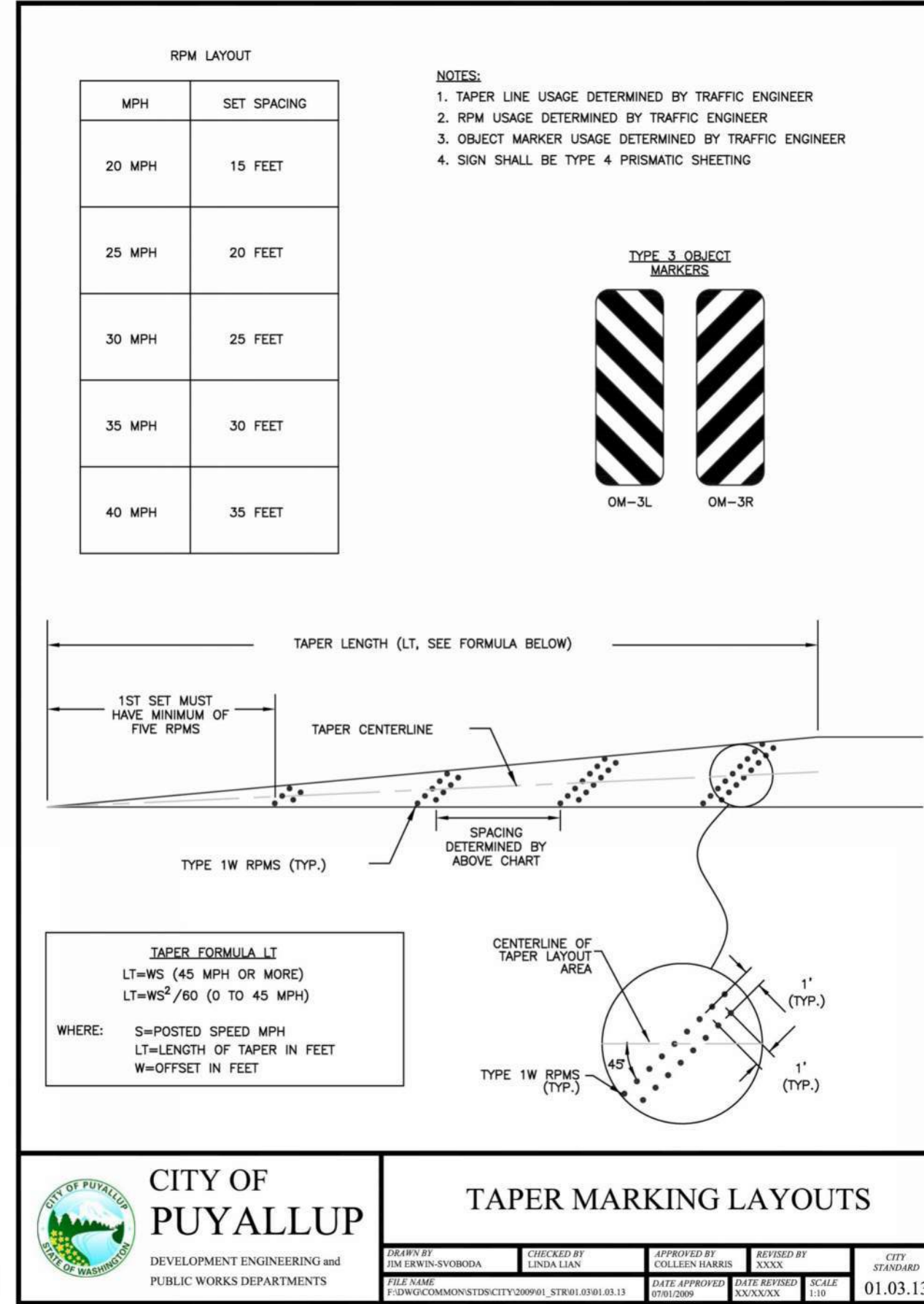
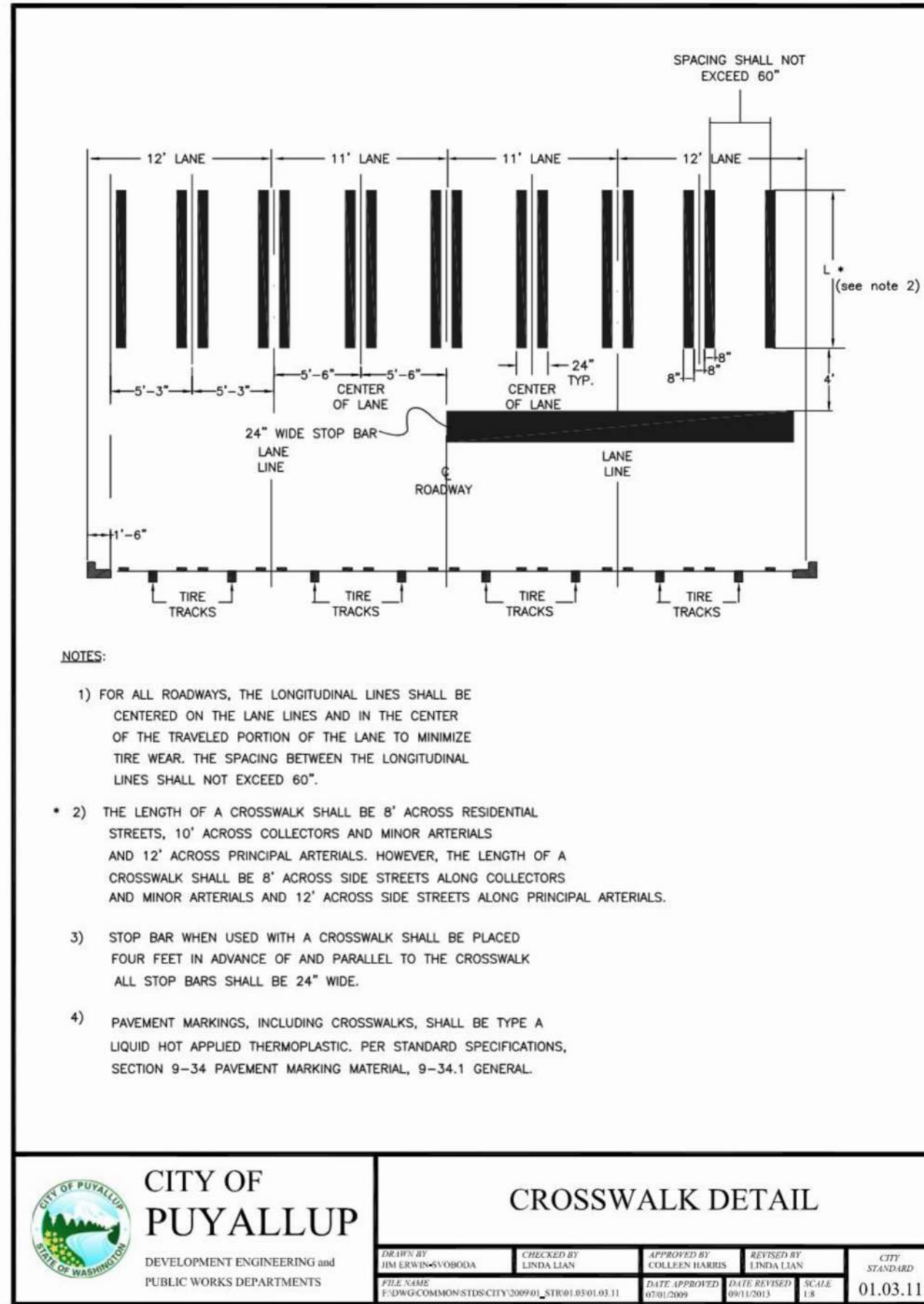
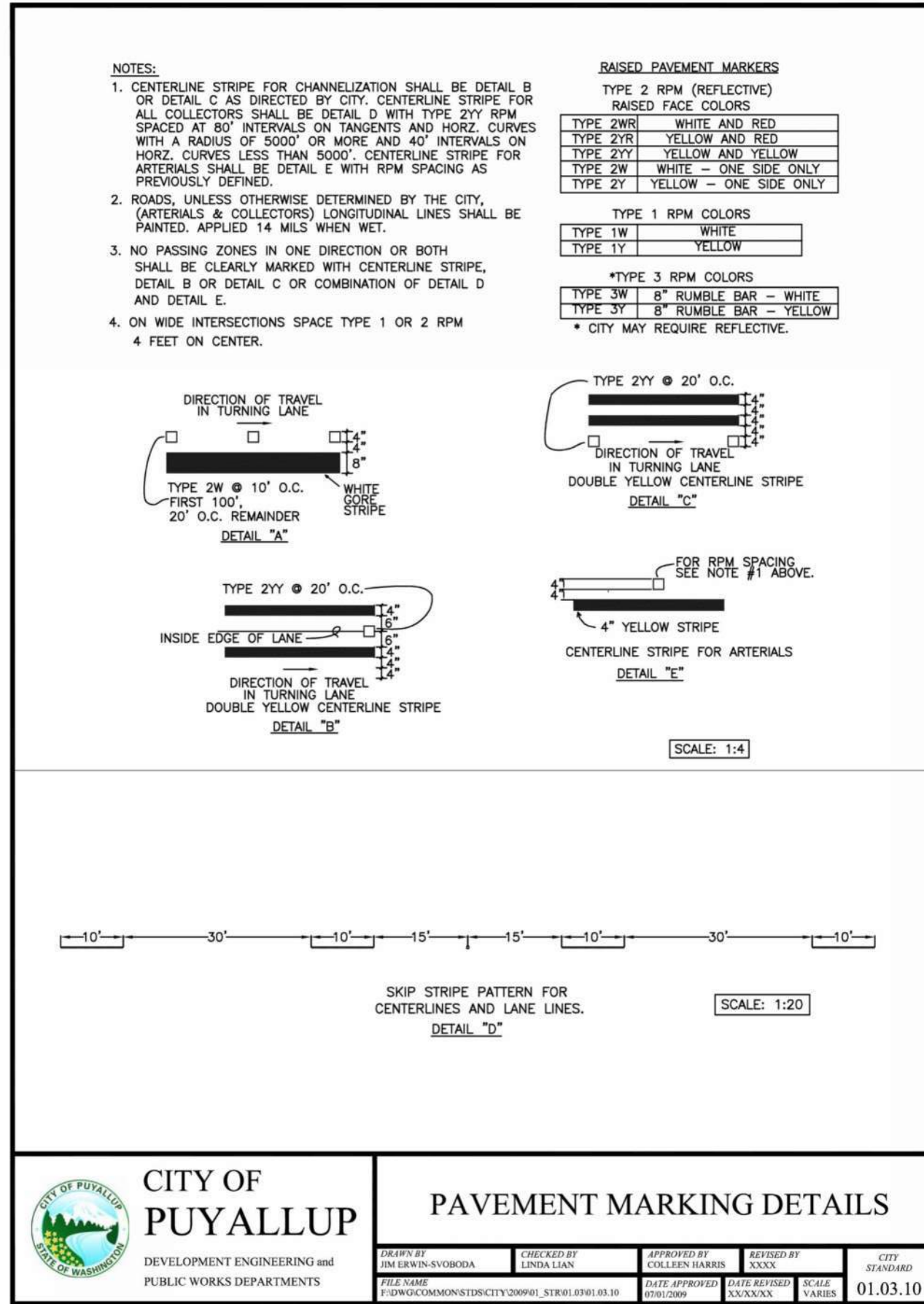
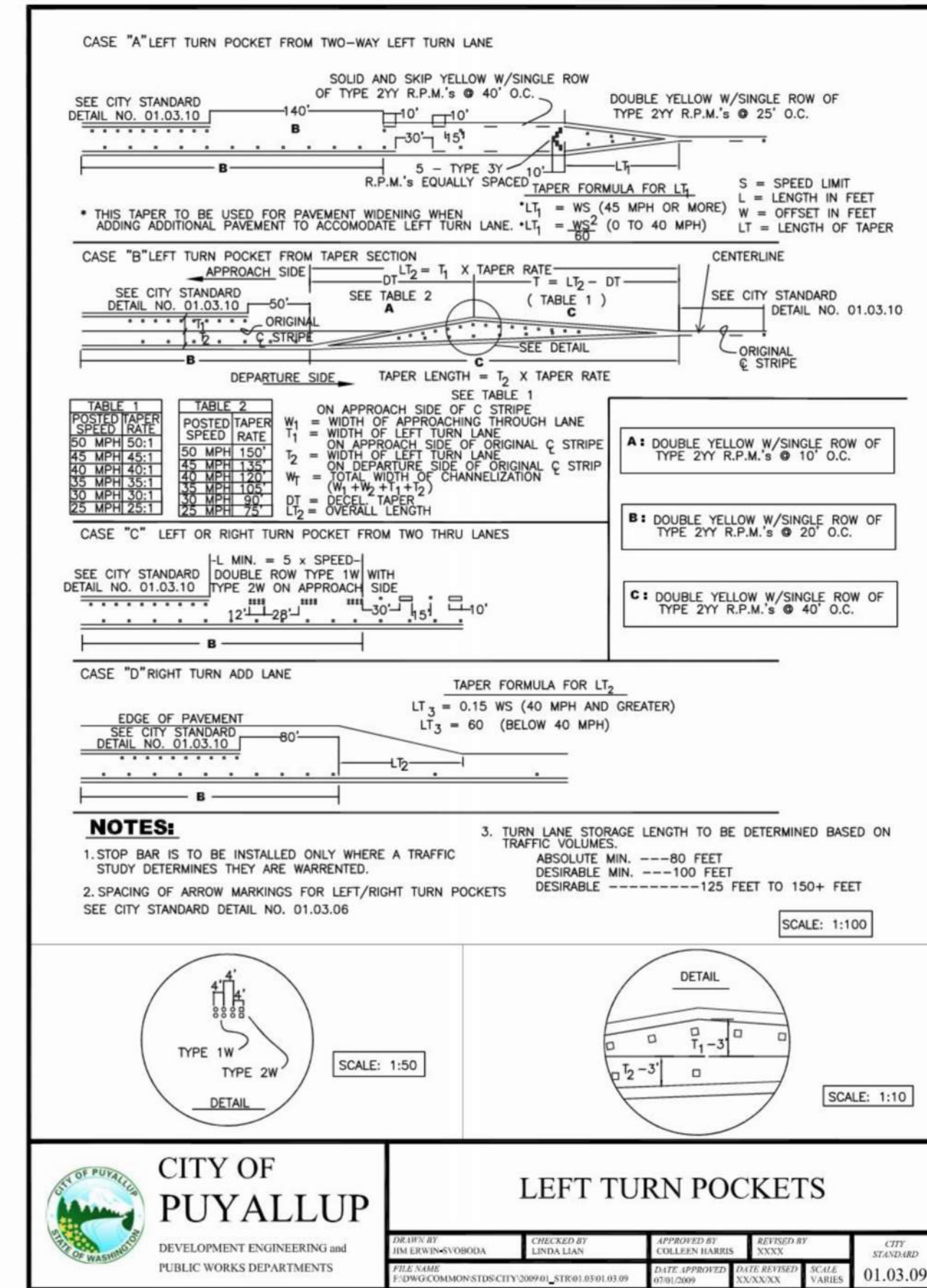
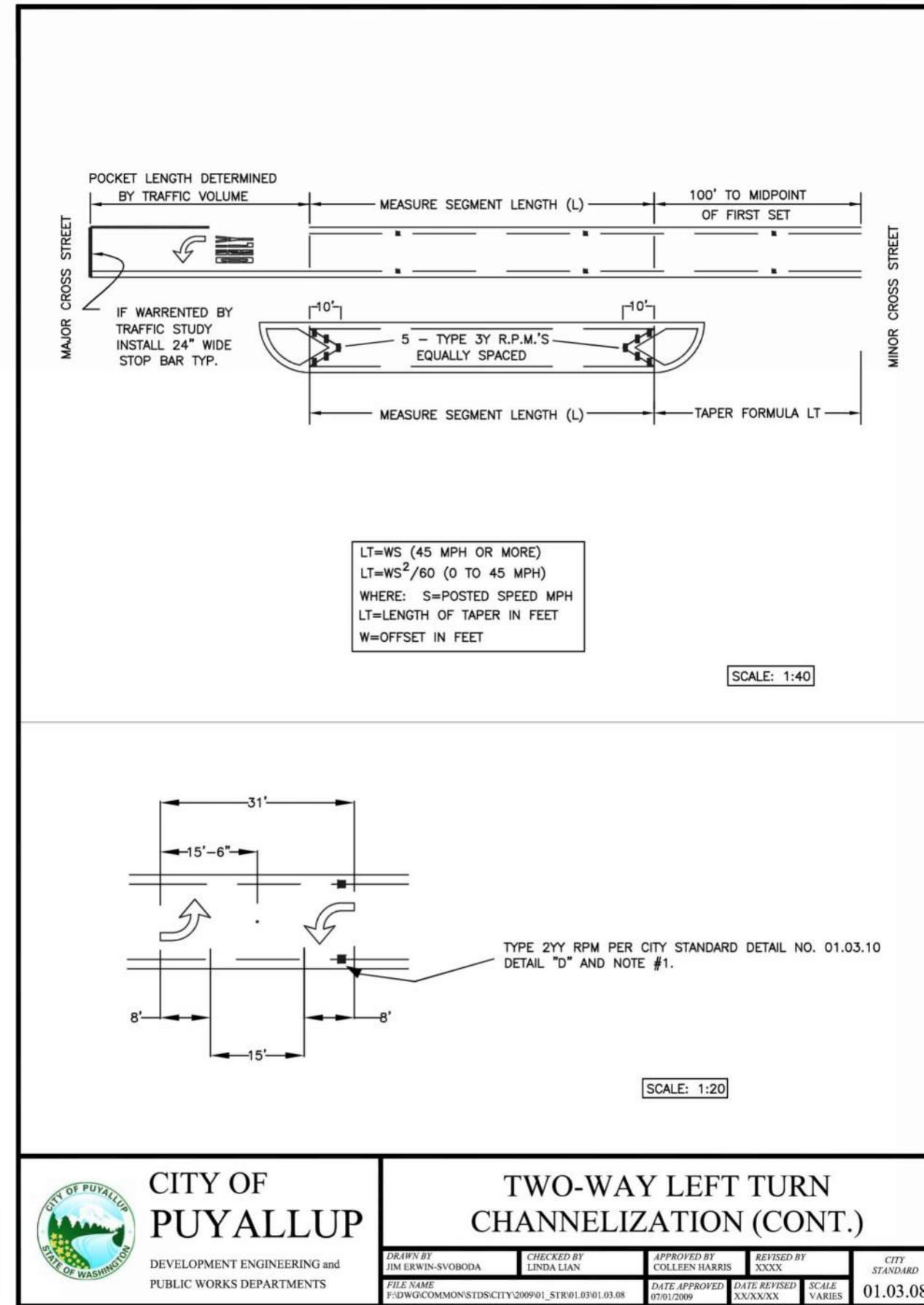
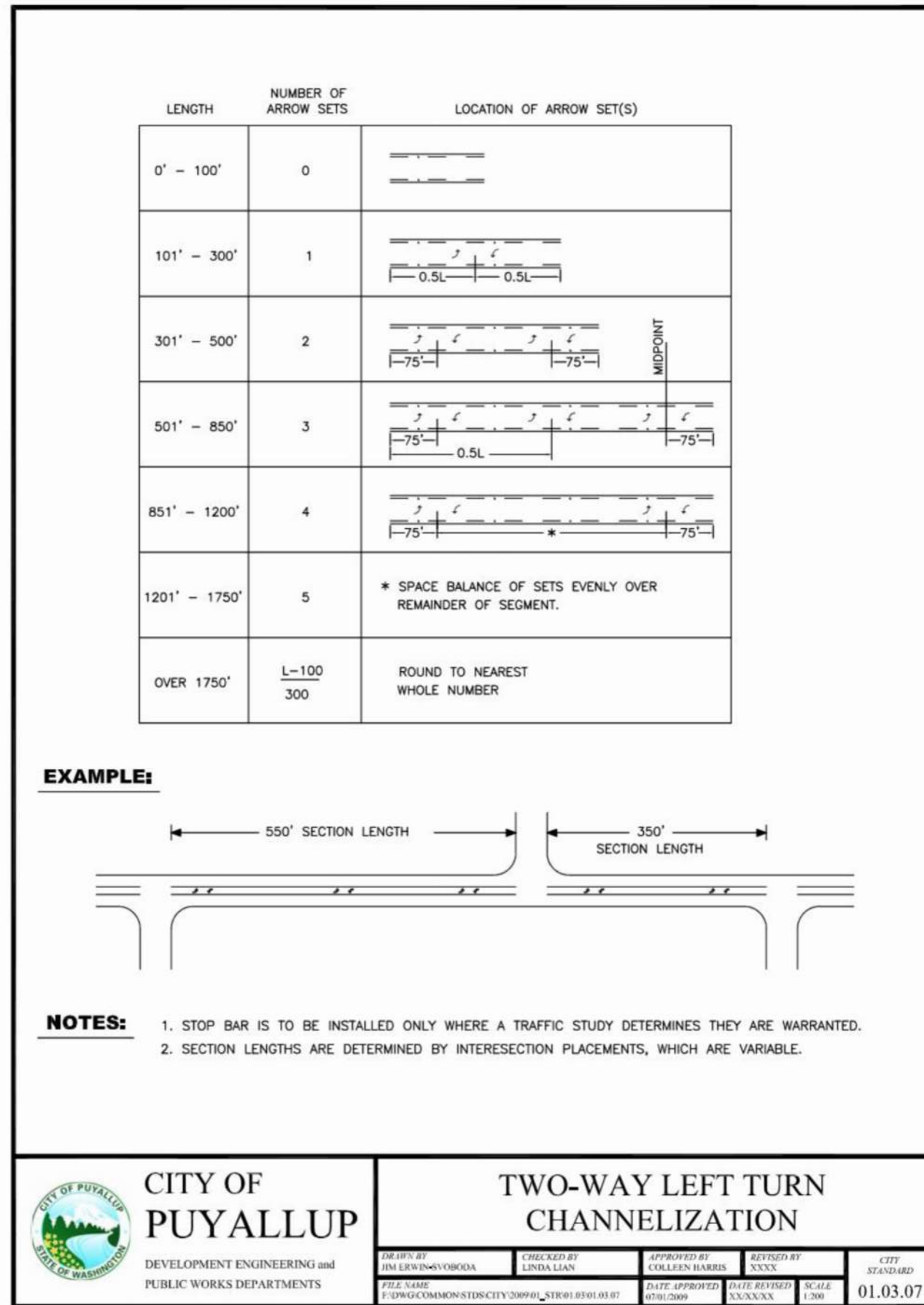
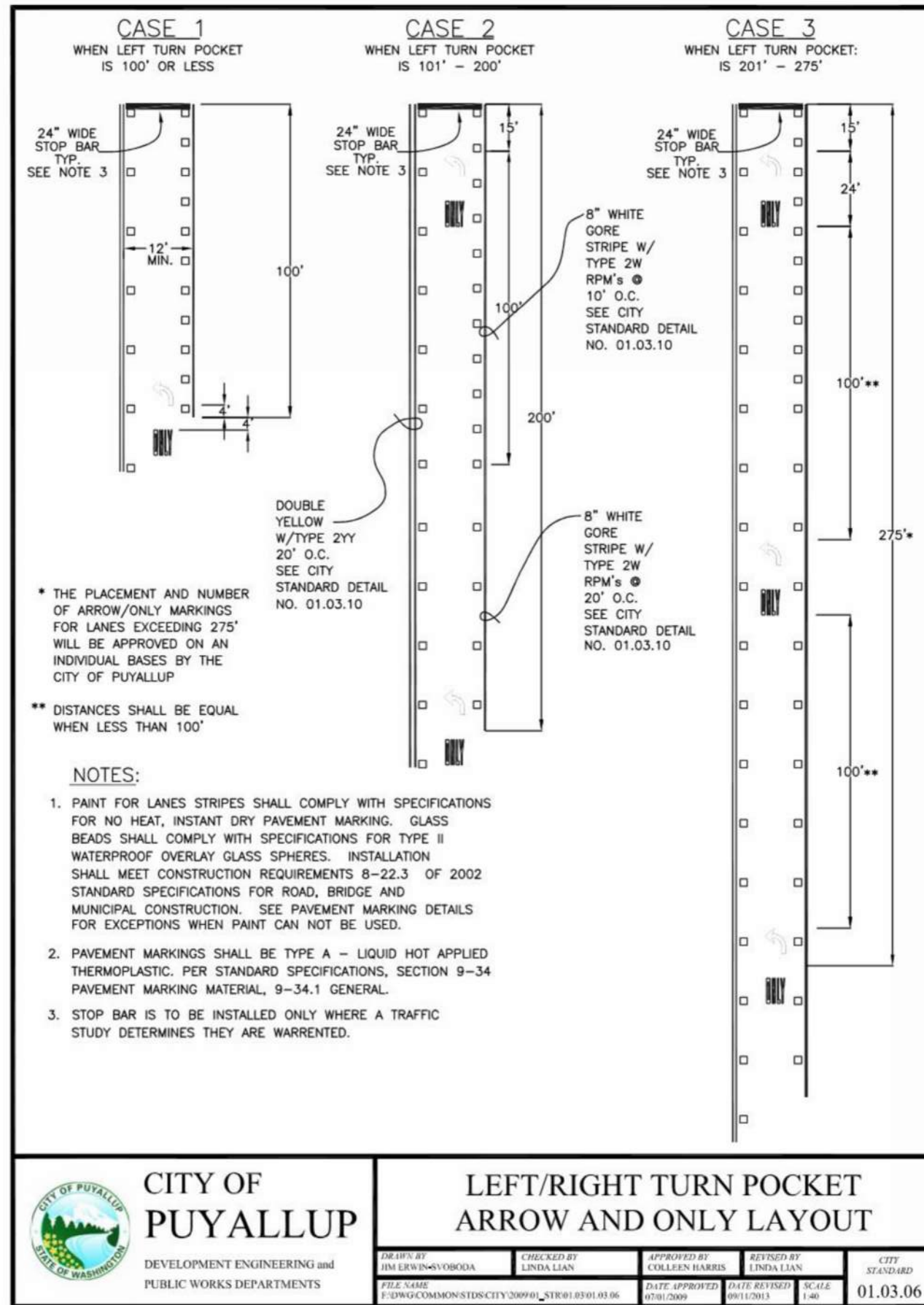
ASH DEVELOPMENT, LLC
EAST TOWN CROSSING
PUYALLUP, WA

PAVEMENT MARKING &
SIGNING PLANS - PHASE 1

PM-01

SHEET:

OF



APPROVED

BY: _____

CITY OF PUYALLUP
ENGINEERING SERVICES

DATE _____

NOTE: THIS APPROVAL IS VOID
AFTER 1 YEAR FROM APPROVAL
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No.	Date	By	Revision Description

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Drawn By:	PERMIT
LAB	
Checked By:	Project No.:
GRL	2022-295



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ASH DEVELOPMENT, LLC
EAST TOWN CROSSING
PUYALLUP, WA

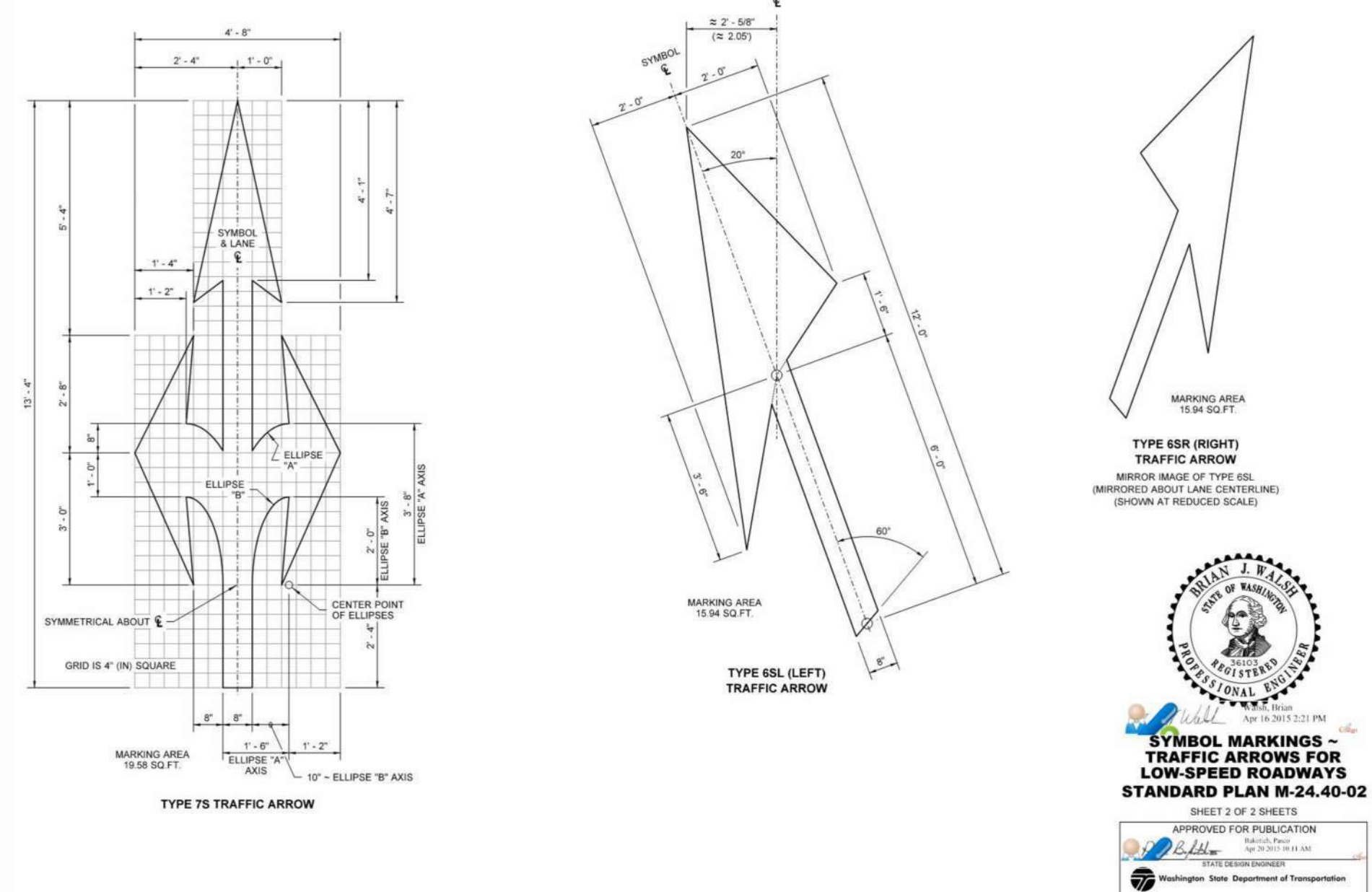
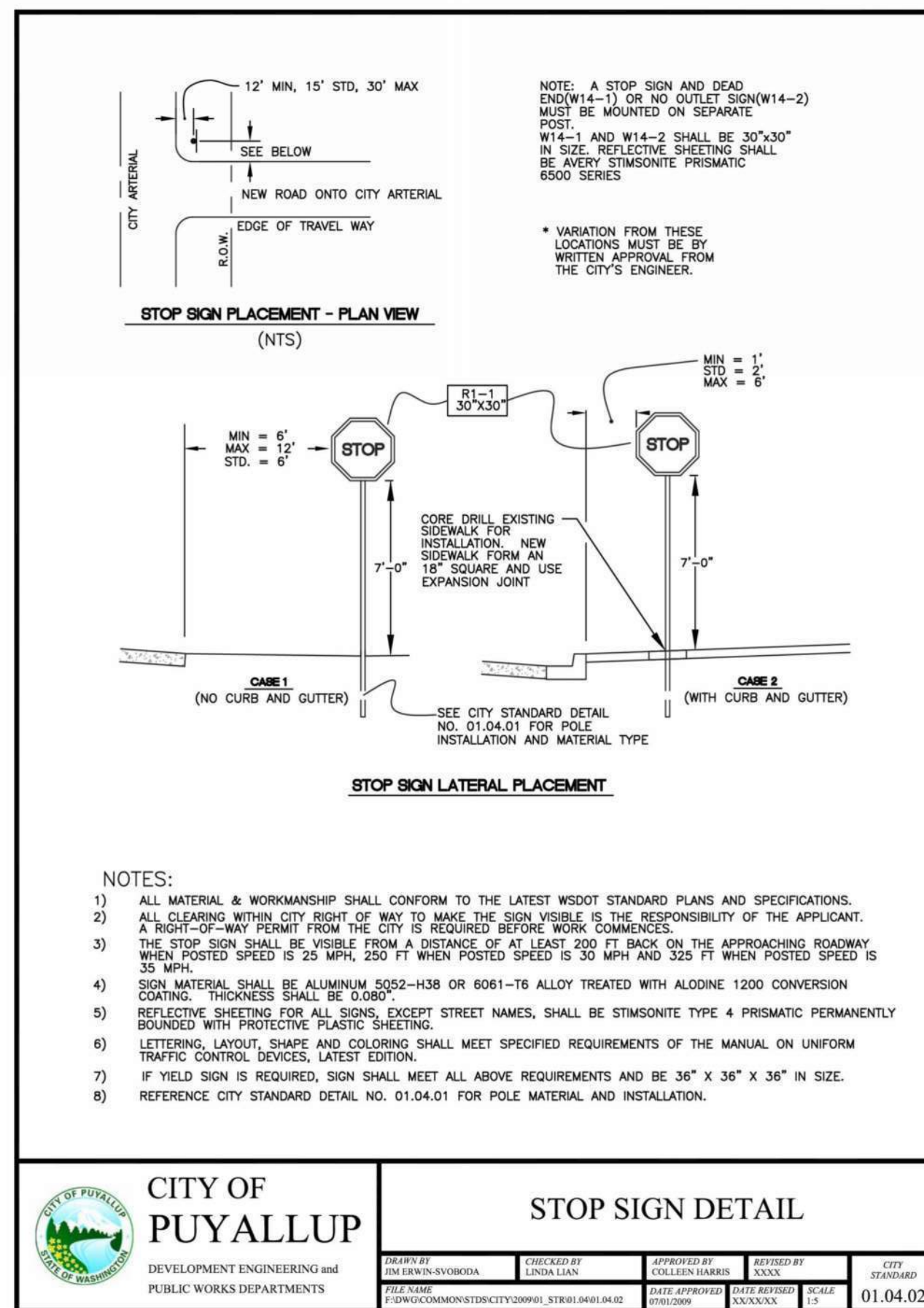
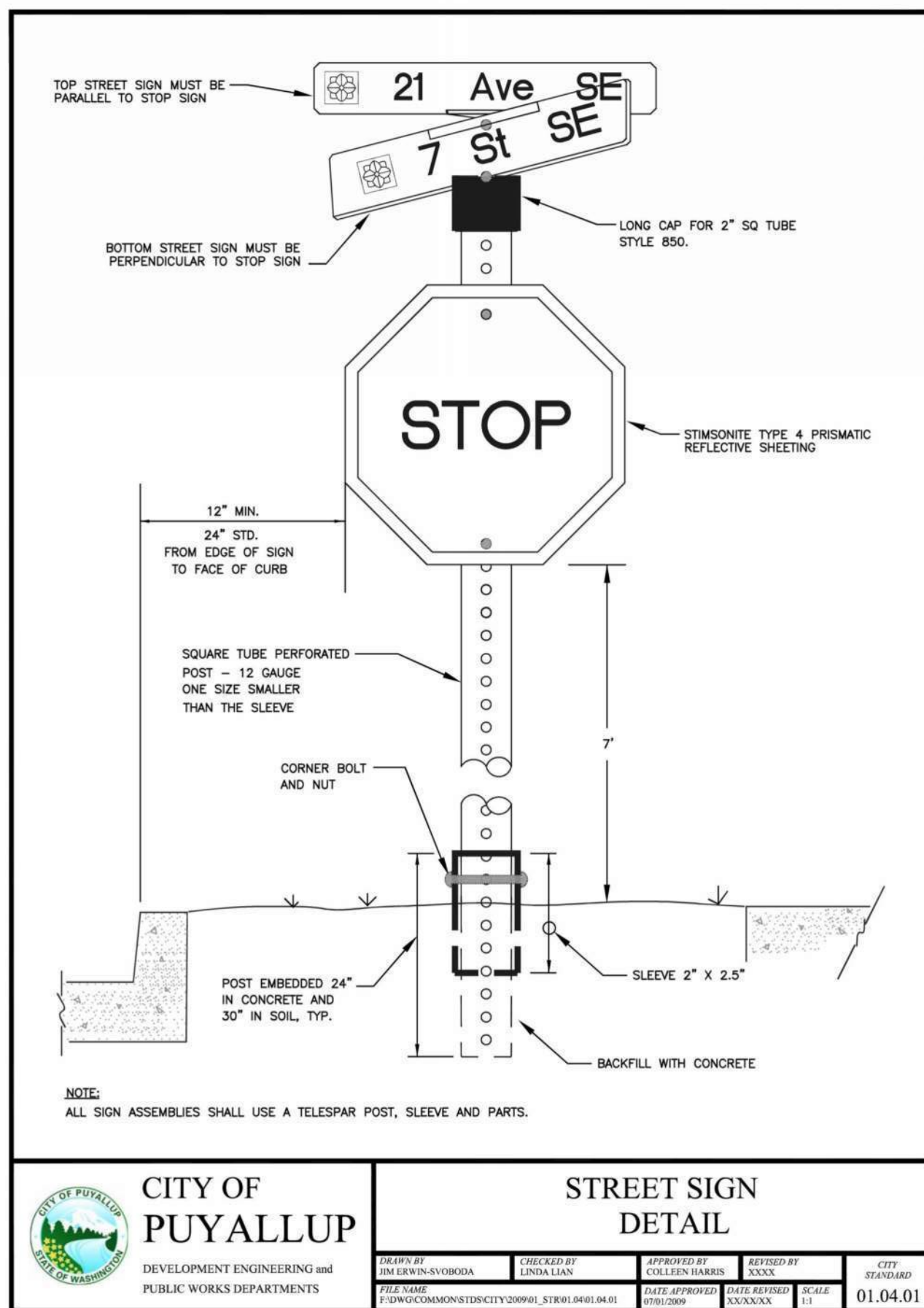
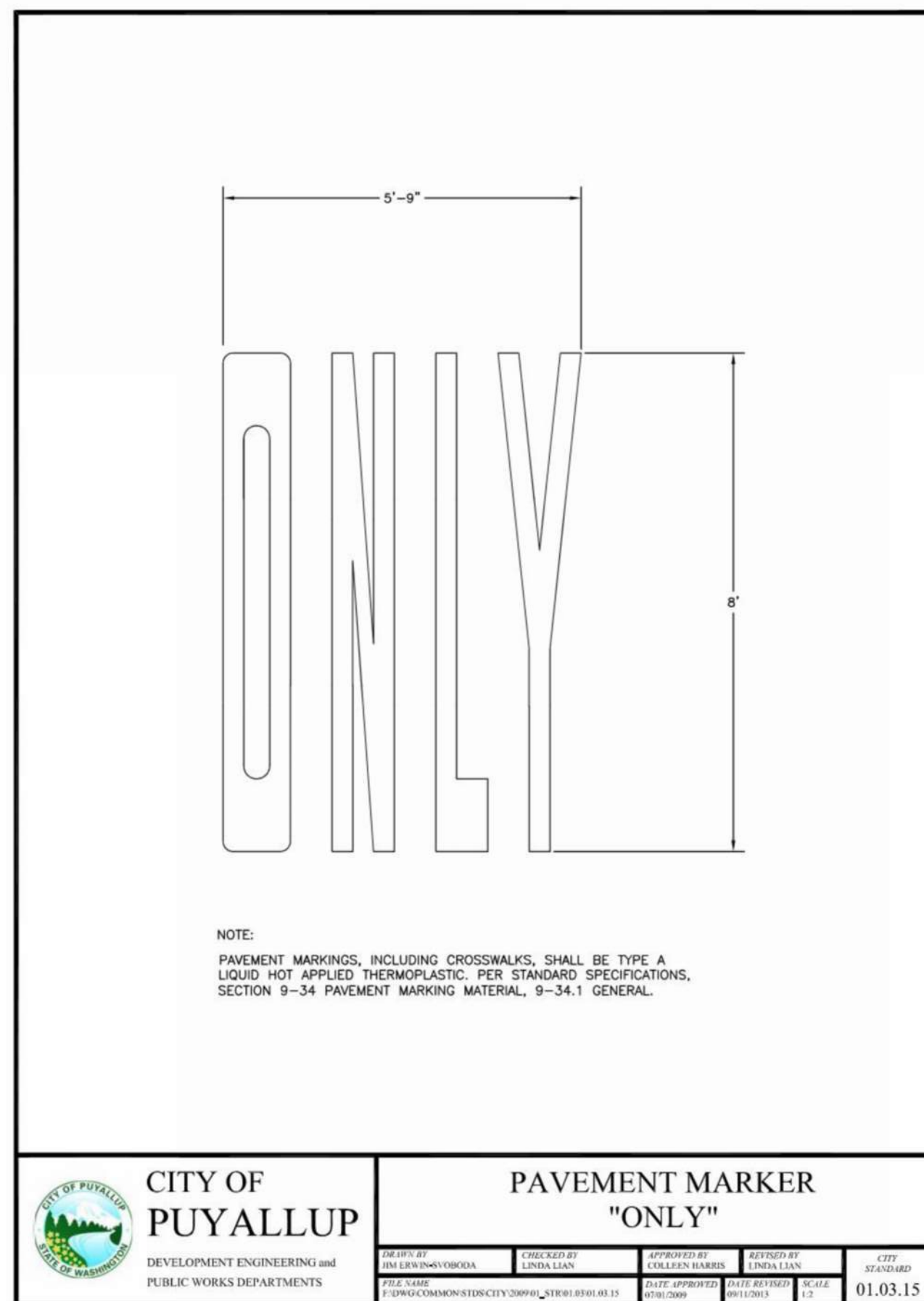
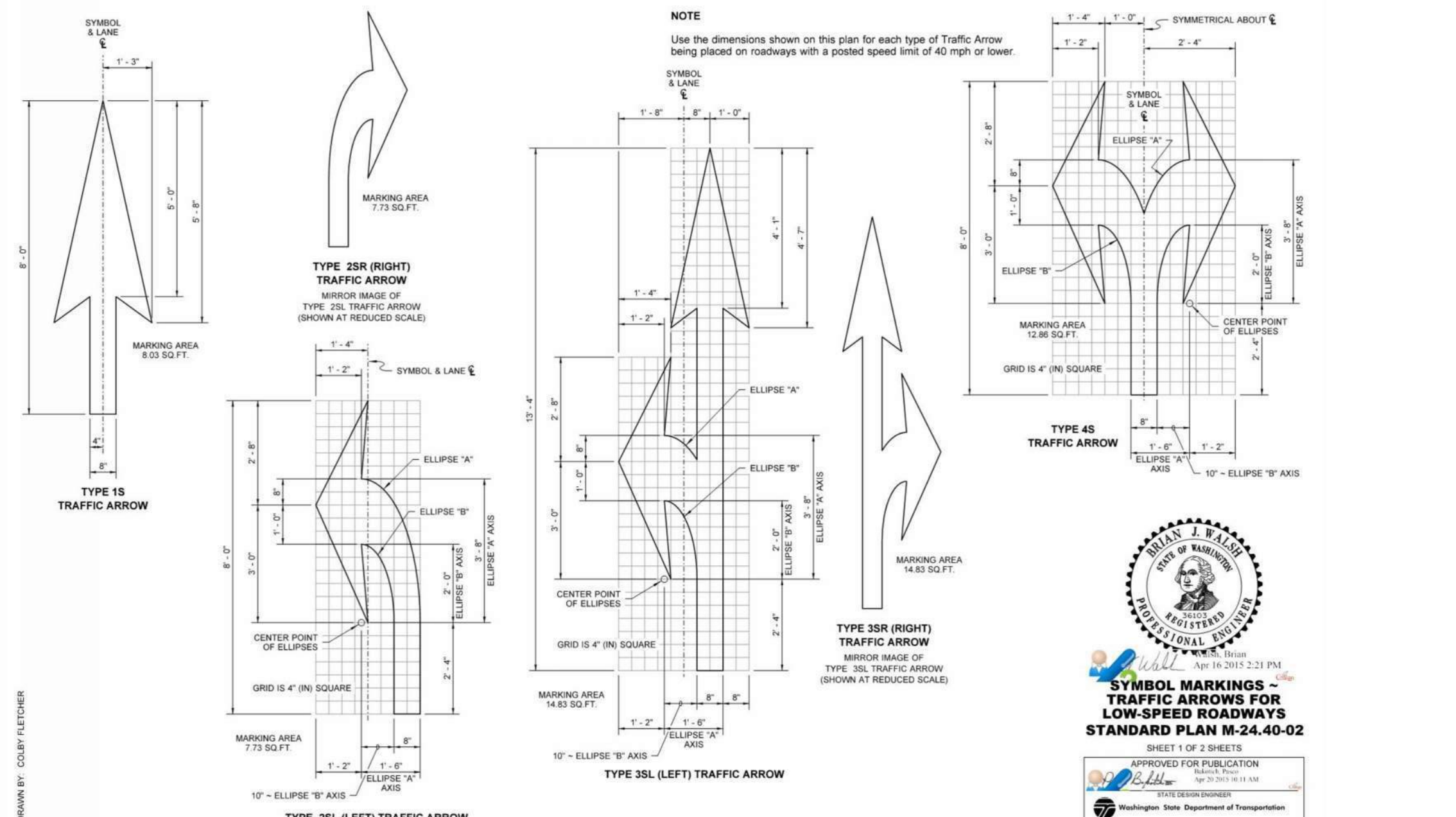
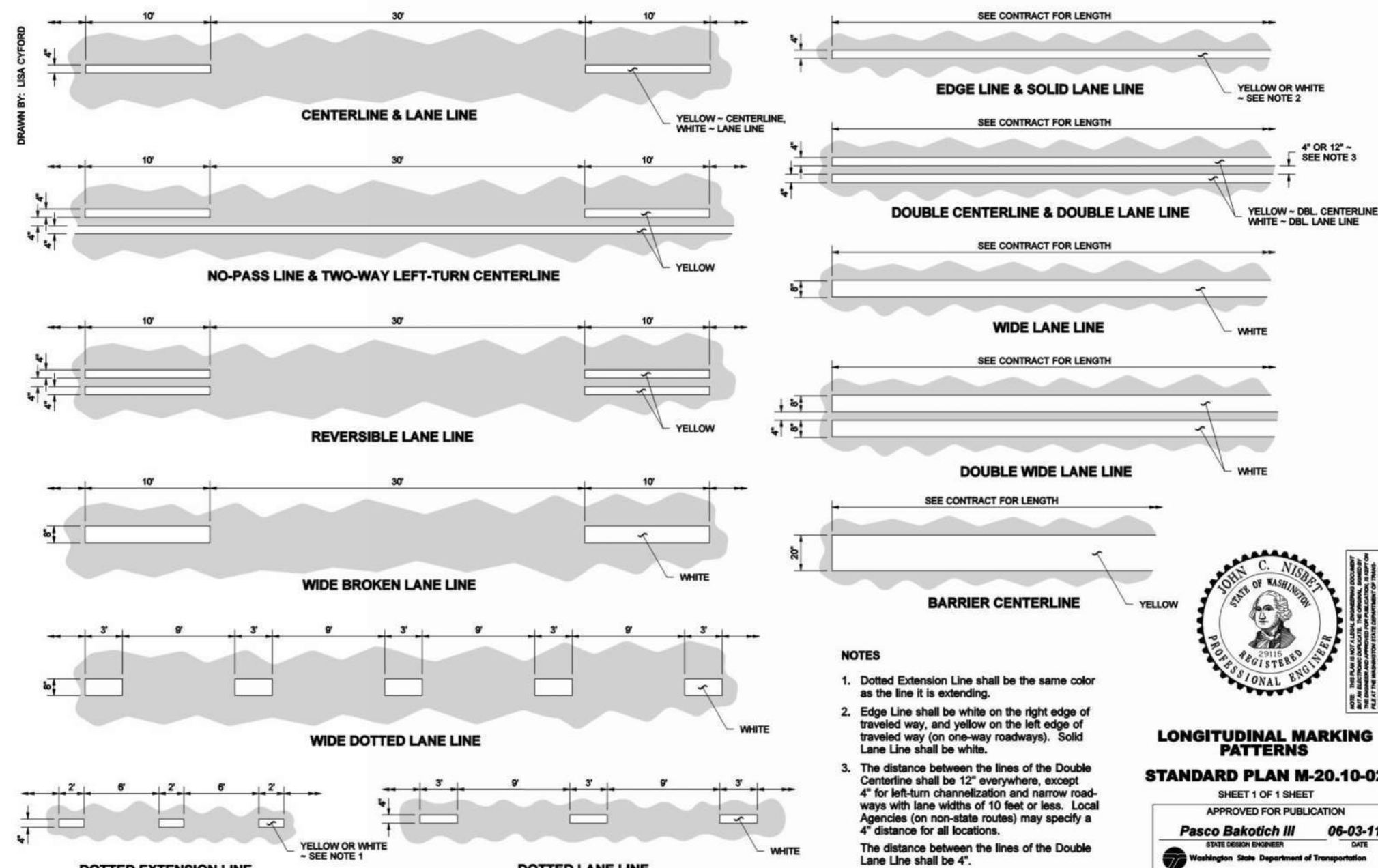
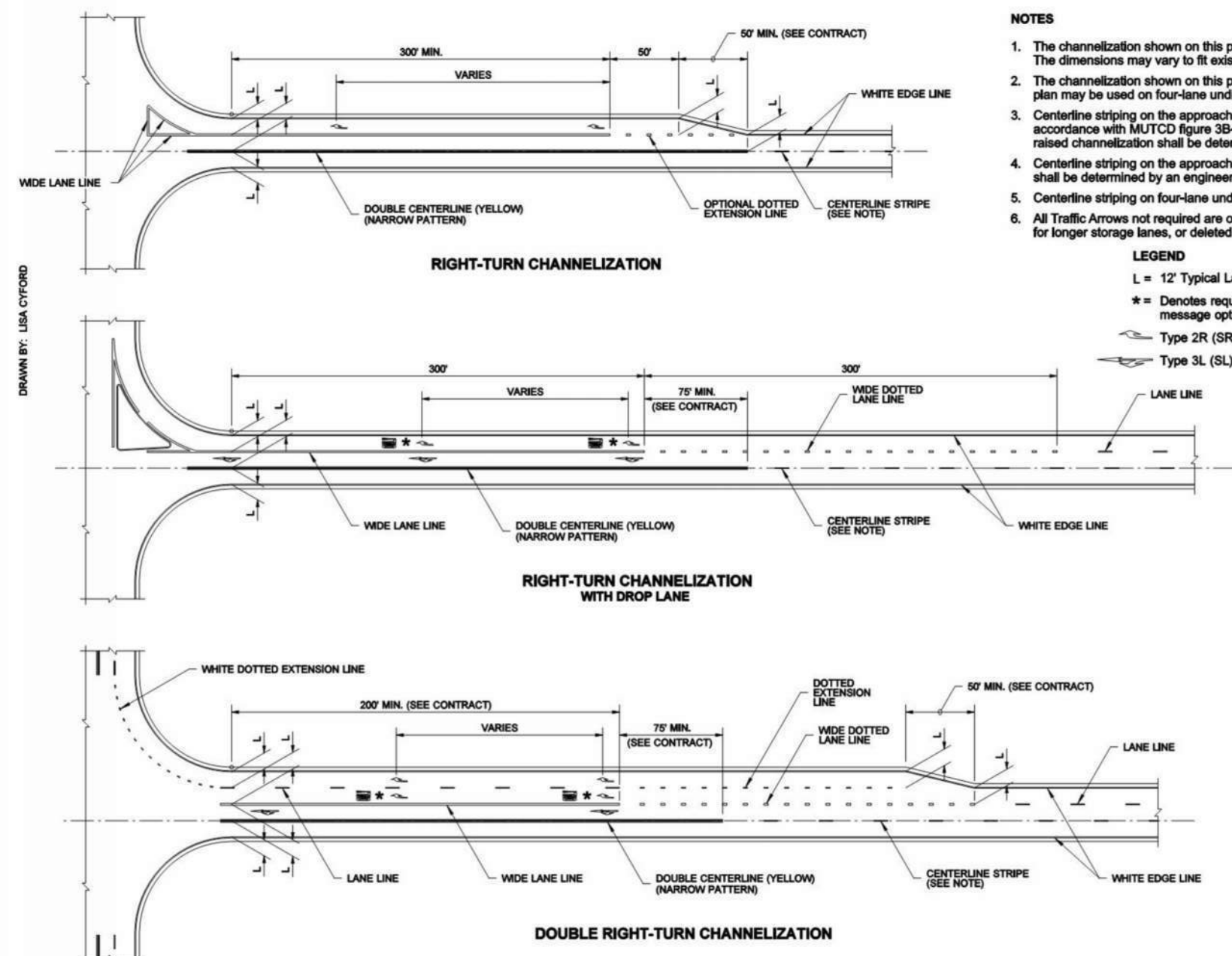
PAVEMENT MARKING & SIGNING
PLANS
STANDARD DETAILS – PHASE 1

PM-02

SHEET:

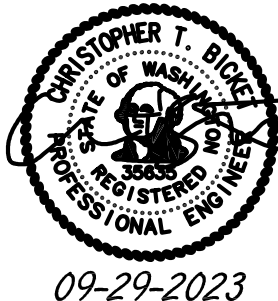
OF

SECTION 26, TOWNSHIP 20 N. RANGE 4 E. W.M.



No.	Date	By	Revision Description

Designed By:	Issue Date:
LAB	09/29/2023
Drawn By:	PERMIT
LAB	
Checked By:	Project No.:
GRL	2022-295



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ASH DEVELOPMENT, LLC
EAST TOWN CROSSING
PUYALLUP, WA

PAVEMENT MARKING & SIGNING
PLANS
STANDARD DETAILS – PHASE 1

PM-03

SHEET:

OF

APPROVED

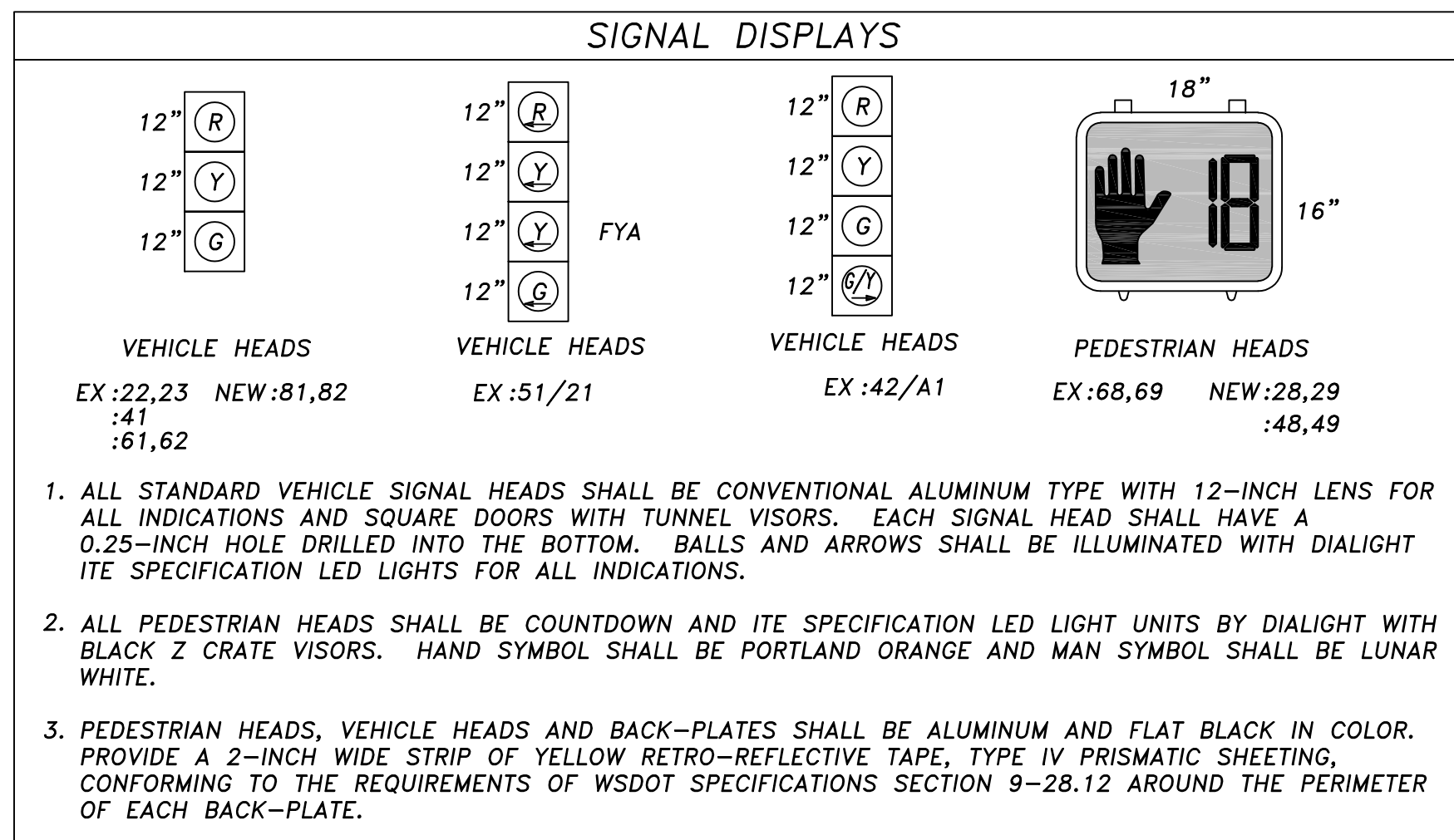
BY: _____
CITY OF PUYALLUP
ENGINEERING SERVICES

DATE _____

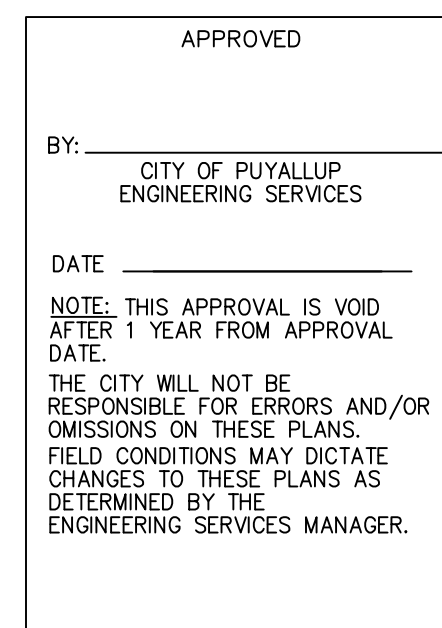
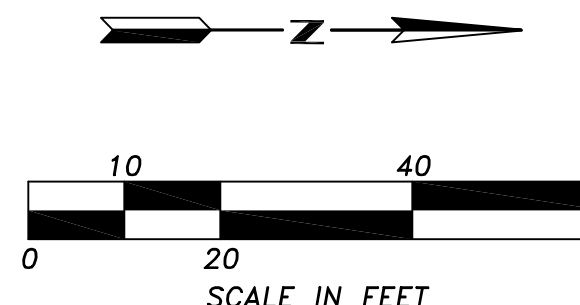
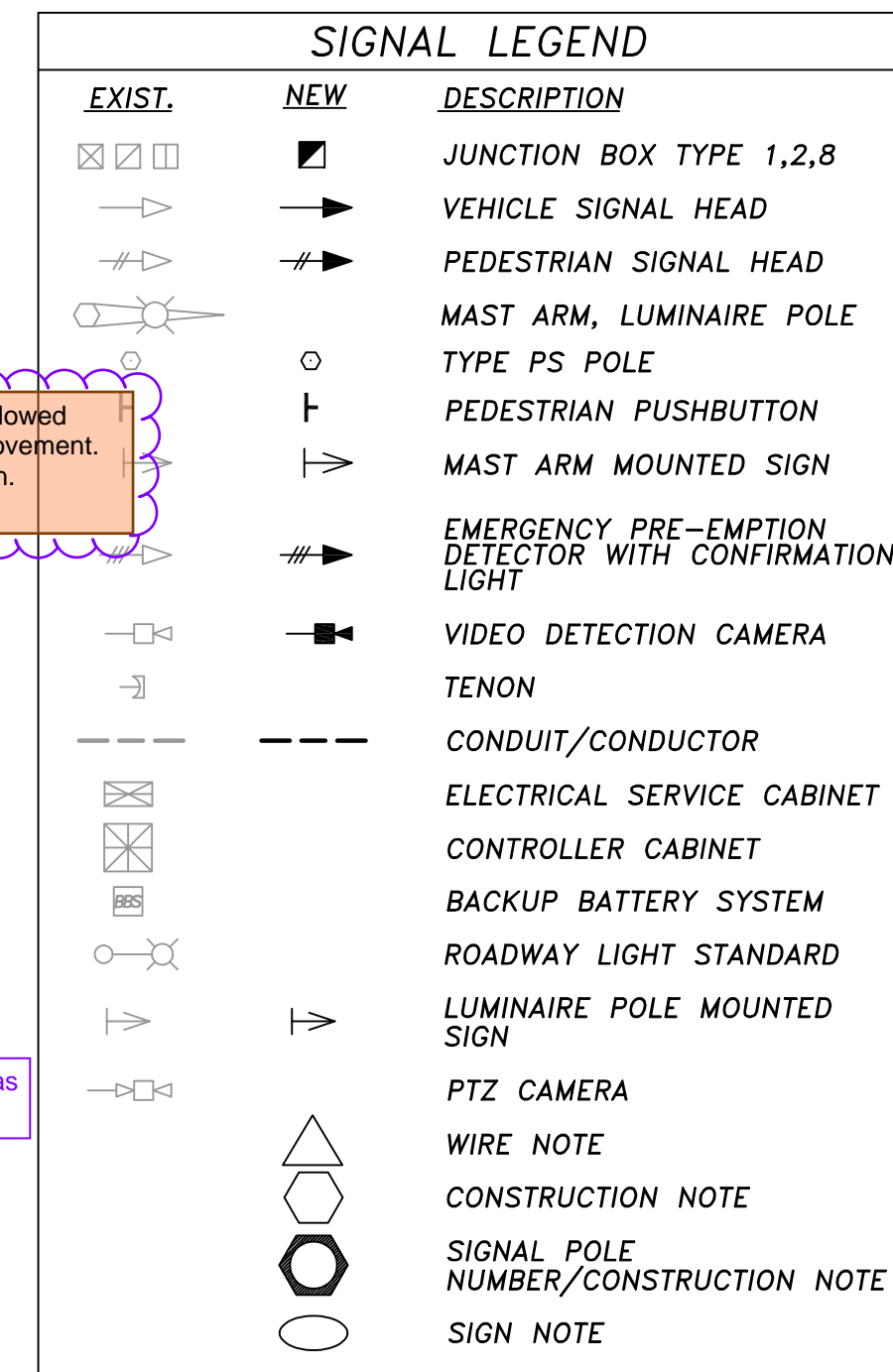
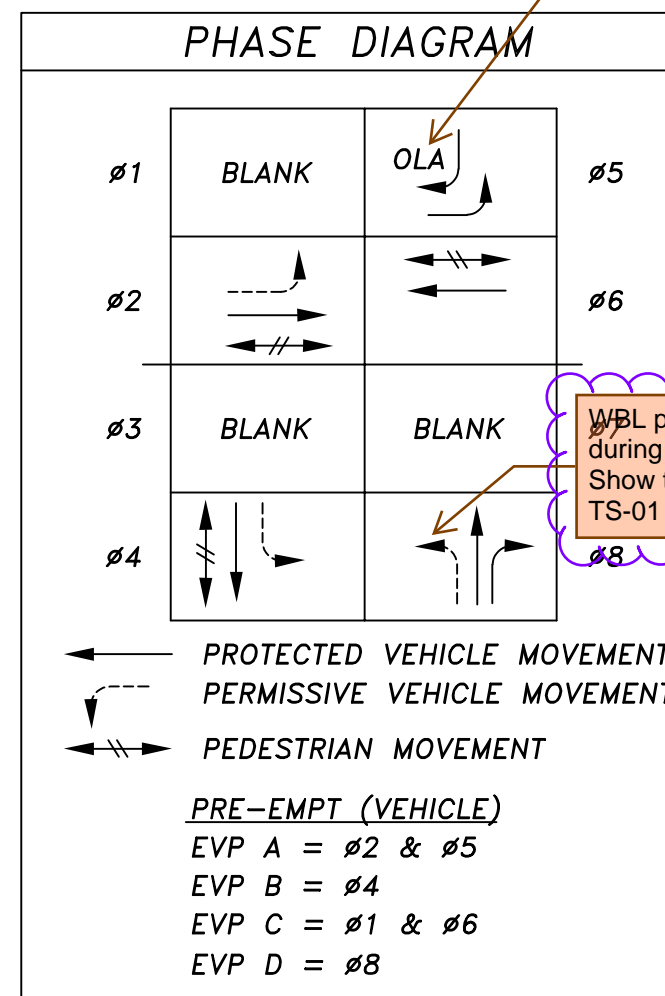
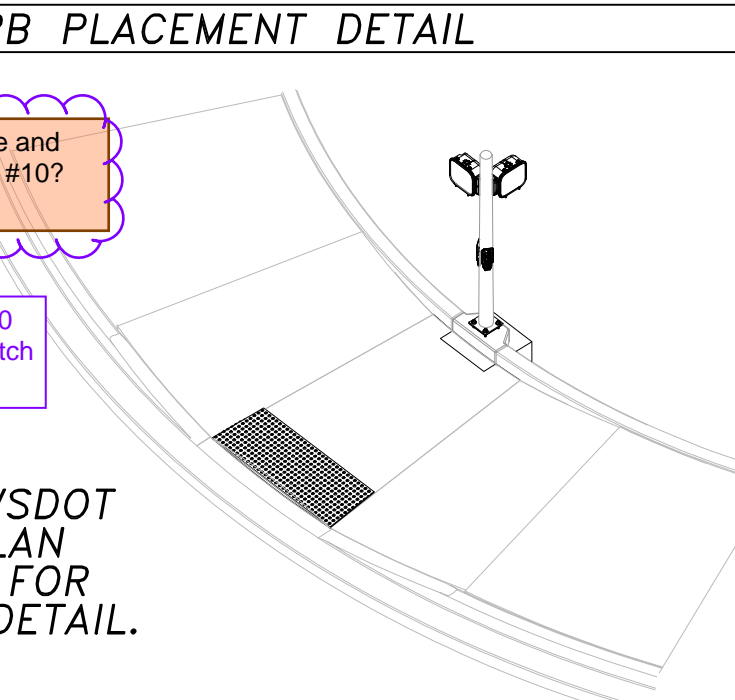
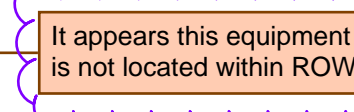
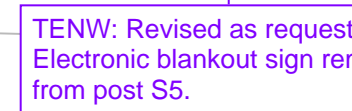
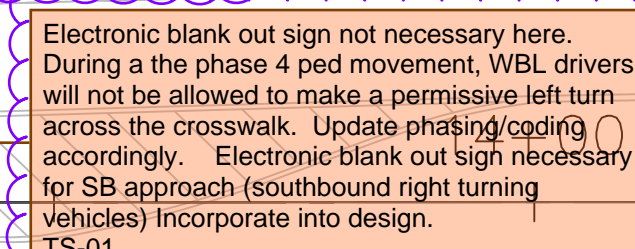
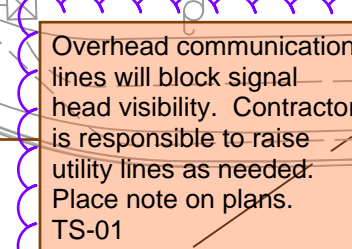
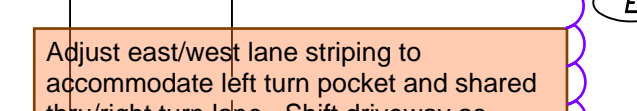
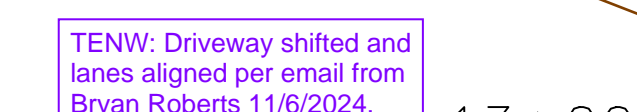
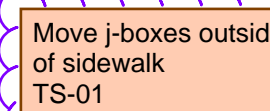
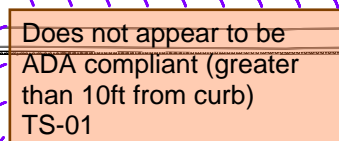
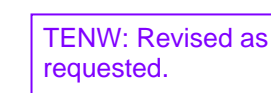
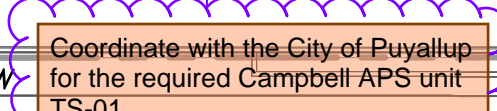
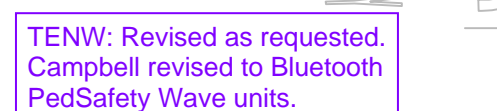
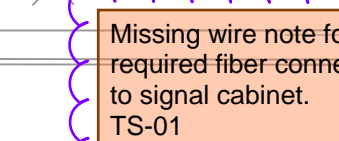
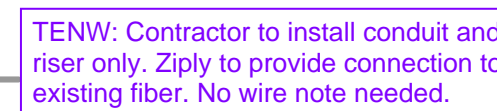
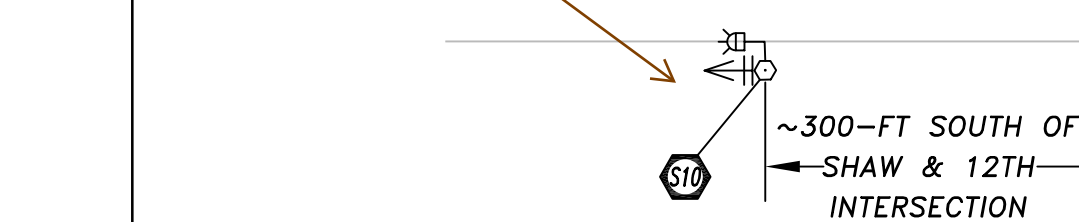
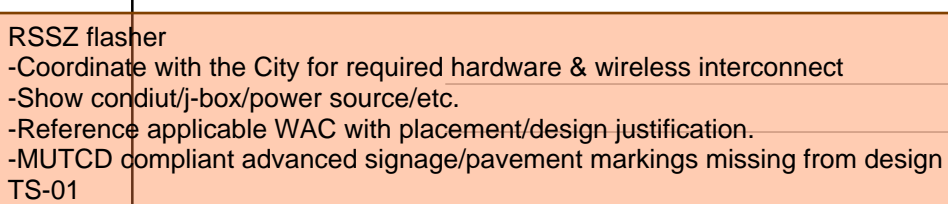
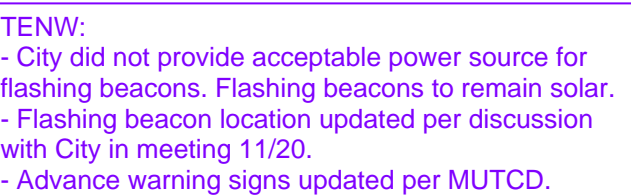
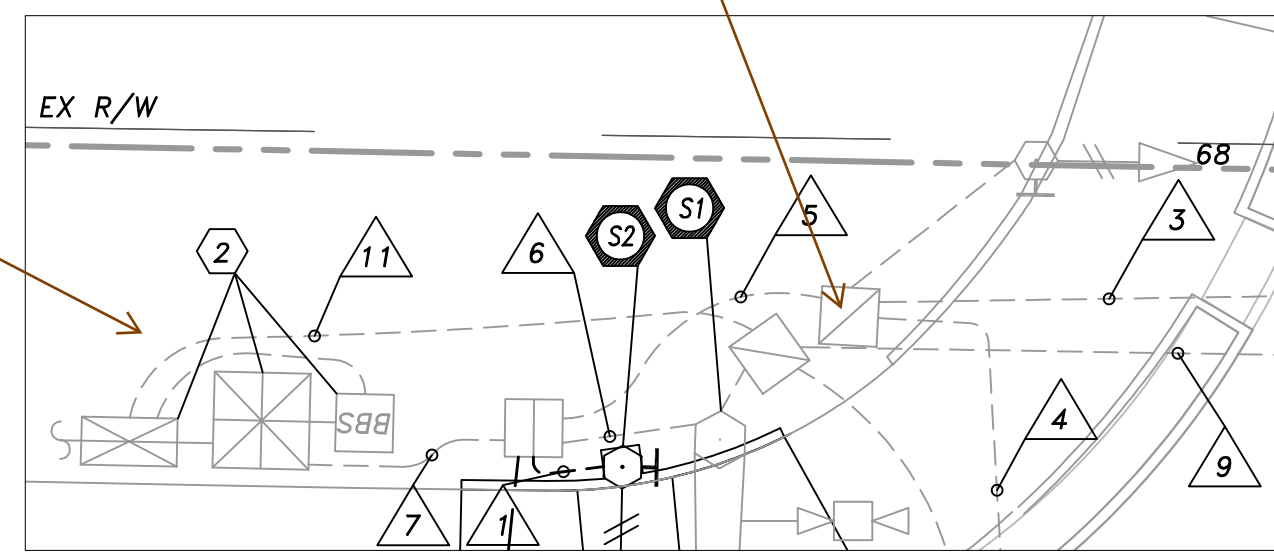
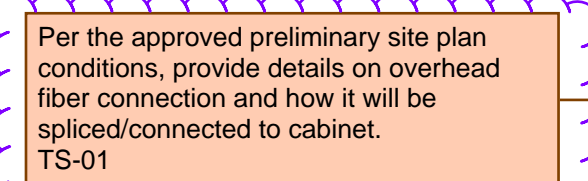
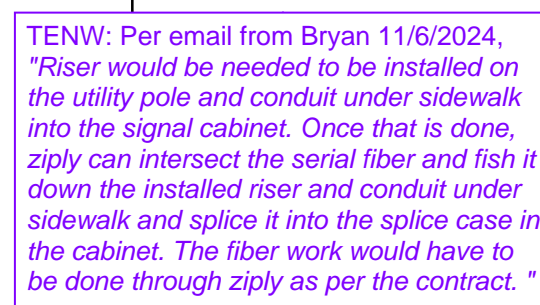
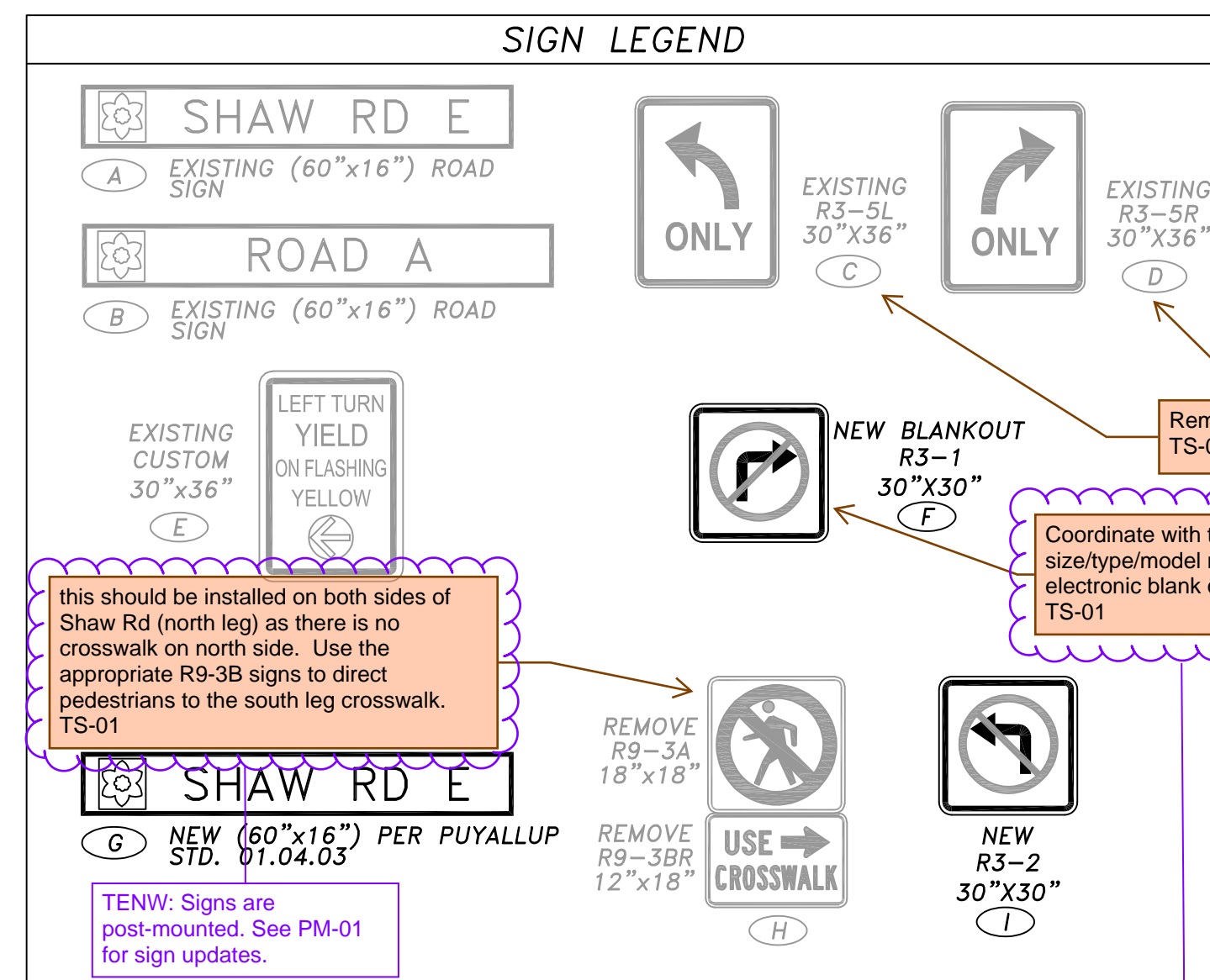
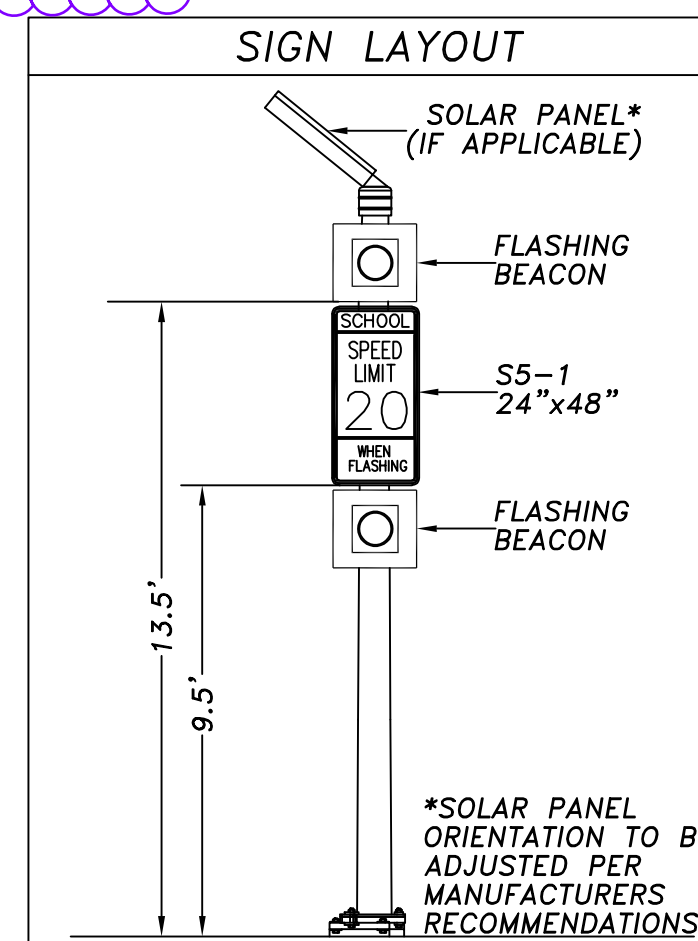
NOTE: THIS APPROVAL IS VOID
AFTER 1 YEAR FROM APPROVAL
DATE.

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SECTION 26, TOWNSHIP 20 N, RANGE 4 E, W.M.



JUNCTION BOX SCHEDULE						
BOX	TYPE	ROADWAY REFERENCE	STATION	OFFSET	FUNCTION	NOTES
A	2	SHAW RD E	12+92.0	60.0' RT	SIGNAL	ENCAPSULATE IN CONCRETE



- SIGNAL CONSTRUCTION NOTES:

- (1) EXISTING TYPE III SIGNAL POLE AND ASSOCIATED EQUIPMENT TO REMAIN. INSTALL ONE NEW R3-2 SIGN.
 - (2) CONSTRUCT FOUNDATION PER WSDOT STANDARD PLAN J-21.10, POLE SCHEDULE, SHEET TS-04, AND POLE DETAIL, THIS SHEET. FURNISH AND INSTALL TYPE PS POLE WITH ONE NEW PEDESTRIAN SIGNAL HEAD 49 AND ONE NEW CAMPBELL APS PUSHBUTTON 49. PEDESTRIAN PUSHBUTTON SHALL FACE NORTH PARALLEL TO CROSSWALK.
 - (3) EXISTING PS POLE AND ASSOCIATED EQUIPMENT TO REMAIN. PROTECT DURING CONSTRUCTION.
 - (4) EXISTING PS POLE AND ASSOCIATED EQUIPMENT TO REMAIN. PROTECT DURING CONSTRUCTION.
 - (5) EXISTING TYPE SD SIGNAL POLE AND ASSOCIATED EQUIPMENT TO REMAIN. REMOVE EXISTING SIGNS R9-3A & R9-3BR AND RETURN TO CITY. FURNISH AND INSTALL TWO NEW VEHICLE SIGNAL HEADS 81 AND 82, ONE NEW OPTICOM EMERGENCY VEHICLE PREEMPTION DETECTOR WITH CONFIRMATION LIGHT, ONE NEW INSYNC VIDEO DETECTION CAMERA, AND ONE NEW ILLUMINATED STREET NAME SIGN ON WESTBOUND SIDE.
 - (6) CONSTRUCT FOUNDATION PER WSDOT STANDARD PLAN J-21.10, POLE SCHEDULE, SHEET TS-04, AND POLE DETAIL, THIS SHEET. FURNISH AND INSTALL TYPE PS POLE WITH ONE NEW PEDESTRIAN SIGNAL HEAD 28 AND ONE NEW CAMPBELL APS PUSHBUTTON 28. PEDESTRIAN PUSHBUTTON SHALL FACE WEST PARALLEL TO CROSSWALK.
 - (7) EXISTING TYPE III SIGNAL POLE AND ASSOCIATED EQUIPMENT TO REMAIN. INSTALL NEW BLANK OUT SIGN PER POLE SCHEDULE, SHEET PM-04, AND ALL ASSOCIATED WIRING BACK TO CONTROLLER CABINET USING EXISTING CONDUIT.
 - (8) CONSTRUCT FOUNDATION PER WSDOT STANDARD PLAN J-21.10, POLE SCHEDULE, SHEET TS-04, AND POLE DETAIL, THIS SHEET. FURNISH AND INSTALL TYPE PS POLE WITH TWO NEW PEDESTRIAN SIGNAL HEAD 48 & 29 AND TWO NEW CAMPBELL APS PUSHBUTTON 48 & 29. PEDESTRIAN PUSHBUTTON 48 SHALL FACE NORTH PARALLEL TO CROSSWALK. PEDESTRIAN PUSHBUTTON 29 SHALL FACE WEST PARALLEL TO CROSSWALK.
 - (9) CONSTRUCT FOUNDATION PER WSDOT STANDARD PLAN J-21.10. LOCATION SHALL BE FIELD VERIFIED BY CITY OF PUYALLUP ENGINEER. FURNISH AND INSTALL TYPE FB POLE PER WSDOT STANDARD PLAN J-21.16 WITH TWO FLASHING BEACONS, AND ONE MUTCD SCHOOL SPEED LIMIT WHEN FLASHING SIGN (SS-1) ON POLE PER DETAIL, THIS SHEET, AND CITY OF PUYALLUP STANDARD PLANS 01.07.03, 01.07.04, AND 01.07.05.
 - (10) CONSTRUCT FOUNDATION PER WSDOT STANDARD PLAN J-21.10. LOCATION SHALL BE FIELD VERIFIED BY CITY OF PUYALLUP ENGINEER. FURNISH AND INSTALL TYPE FB POLE PER WSDOT STANDARD PLAN J-21.16 WITH TWO FLASHING BEACONS, AND ONE MUTCD SCHOOL SPEED LIMIT WHEN FLASHING SIGN (SS-1) ON POLE PER DETAIL, THIS SHEET, AND CITY OF PUYALLUP STANDARD PLANS 01.07.03, 01.07.04, AND 01.07.05.
 - (1) FURNISH AND INSTALL NEW TYPE 2 JUNCTION BOX PER CITY OF PUYALLUP STANDARD 01.06.01.
 - (2) EXISTING COMBINATION CONTROLLER/SERVICE/BBS CABINET TO REMAIN. PROTECT DURING CONSTRUCTION.

- TENW:
- City did not provide acceptable power source for flashing beacons. Flashing beacons to remain solar
 - Flashing beacon location updated per discussion with City in meeting 11/20.
 - Advance warning signs updated per MUTCD.

- EQUIPMENT TO REMAIN. PROTECT DURING CONSTRUCTION.
- TE WITH CITY TO INTERCEPT EXISTING FIBER AND ROUTE DOWN EXISTING UTILITY POLE. CONTRACTOR SHALL INSTALL JUNCTION BOX AND SPLICE EXISTING FIBER INTO EXISTING CONTROLLER CABINET. IF SUFFICIENT SLACK IS NOT AVAILABLE, PULL NEW FIBER FROM NEAREST SPLICE POINT.

- TENW: Signs are post-mounted. See PM-0 for sign updates.

Designed By:	Issue Date:
LAB	09/29/2023
Drawn By:	PERMIT
LAB	
Checked By:	Project No.:
GRI	2022-295



09-29-2023



Transportation Engineering NorthWest

Transportation Planning | Design | Traffic Impact & Operations
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Project Contact: Trevor Takara, P.E.
Phone: 206-914-3843

ASH DEVELOPMENT, LLC
EAST TOWN CROSSING
PUYALLUP, WA

TRAFFIC SIGNAL PLANS – PHASE 1

TS-01

SHEET:

_____ OF

WIRING SCHEDULE (AFFECTED RUNS ONLY)																	
△ NO.	RACEWAY CONDUIT SIZE	E.V. DETECT. 3C(SH)	PRE-EMPT LIGHT 2C(SH)	VEH. HEAD 5C	PPB 2C(SH)	PED. HEAD/PPB 5C	ILLUM ST NAME SIGN 2C(SH)	VIDEO DETECT. ***	EQUIP. GRND.	ILLUM #6	INTER 144 SMFO	PTZ CAMERA	BLANK OUT 3C	PULL WIRE	CONDUIT FILL	ALLOWABLE FILL	
		EX.	NEW	EX.	NEW	EX.	NEW	EX.	NEW	EX.	NEW	EX.	NEW	EX.	NEW	EX.	NEW
1	2" SCH40 PVC															0.28	--- 0.86
	2" SCH40 PVC					1		1								0.18	--- 0.86
2	EX 2" SCH40 PVC**			1	1	2			1							0.60	1.32 ---
	EX 2" SCH40 PVC**	1	1			2			1	1	1					1.25	1.32 ---
3	EX 2" SCH80 PVC**			1	1	2	2		1							1.02	1.15 ---
	EX 2" SCH80 PVC**	1							2	1						0.99	1.15 ---
	EX 4" SCH80 PVC**		1						1	1			1			1.30	4.39 ---
	EX 2" SCH80 PVC SPARE													1		---	1.15 ---
4	EX 2" SCH80 PVC**					2			3							1.18	1.15 ---
	EX 3" SCH40 PVC**			1	1	4	2		2	3				1		1.93	2.91 ---
5	EX 2" SCH40 PVC**	1														1.08	1.32 ---
	EX 4" SCH40 PVC**		1						3			1	1			1.57	4.93 ---
	EX 2" SCH40 PVC SPARE														1	---	1.32 ---
	EX 2" SCH40 PVC**			1		2										0.65	1.32 ---
6	EX 2" SCH40 PVC**	1							1	1				1		0.71	1.32 ---
	EX 3" SCH40 PVC**			2		6			2							1.51	2.91 ---
7	EX 3" SCH40 PVC**	2	1				2	4								2.13	2.91 ---
	EX 4" SCH40 PVC**				1		2						1			1.89	4.93 ---
8	EX 2" SCH40 PVC**								1	1						0.42	1.32 ---
	EX 2" SCH80 PVC**								1	1						0.42	1.15 ---
9	EX 2" SCH80 PVC SPARE														1	---	1.15 ---
10	2" SCH80 PVC															0.37	--- 0.75
11	EX 2" SCH40 PVC**								2							0.60	1.32 ---
12	2" SCH40 PVC															0.42	--- 0.86
	2" SCH40 PVC					2										0.27	--- 0.86

No spares?

TENW: 2c(SH) have been moved to spare conduit.

TENW: Revised as requested.

Type PS pole receiving Type PS pole?

* EQUIPMENT GROUND SIZE SHALL BE EQUAL TO OR LARGER THAN THE LARGEST WIRE SIZE IN THE CONDUIT.

** OTHER CONDUIT AND CONDUCTORS MAY BE PRESENT.

*** VIDEO DETECTION CABLE SHALL BE 14/3 CABLE AND SHIELDED CAT5.

GENERAL NOTES

- ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. 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. CONTACT ENGINEER SERVICES AT (253-841-5568) TO SCHEDULE THE MEETING. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN SET OF APPROVED PLANS AT THE MEETING.
- 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 SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
- 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 PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").
- A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
- ANY REVISIONS MADE TO THESE PLANS 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.
- THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
- ANY STRUCTURE AND/OR OBSTRUCTION THAT REQUIRES REMOVAL OR RELOCATION RELATING TO THIS PROJECT SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.
- 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.
- THE CONTRACTOR SHALL INSTALL, REPLACE, OR RELOCATE ALL SIGNS, AS SHOWN ON THE PLANS OR AS AFFECTED BY CONSTRUCTION, PER CITY STANDARDS.
- POWER, STREET LIGHT, CABLE AND TELEPHONE LINES SHALL BE IN A TRENCH LOCATED WITHIN A 10-FOOT UTILITY EASEMENT ADJACENT TO PUBLIC RIGHT-OF-WAY. RIGHT-OF-WAY CROSSINGS SHALL HAVE A MINIMUM HORIZONTAL SEPARATION FROM OTHER UTILITIES (SEWER, WATER, AND STORM) OF 5 FEET.
- ALL CONSTRUCTION SURVEYING FOR EXTENSIONS OF PUBLIC FACILITIES SHALL BE DONE UNDER THE DIRECTION OF A WASHINGTON STATE LICENSED LAND SURVEYOR OR A WASHINGTON LICENSED PROFESSIONAL CIVIL ENGINEER.
- 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.
- CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO PROJECT ACCEPTANCE.
- A NPDES STORMWATER GENERAL PERMIT MAY BE REQUIRED BY THE DEPARTMENT OF ECOLOGY FOR THIS PROJECT. FOR INFORMATION CONTACT THE DEPARTMENT OF ECOLOGY, SOUTHWEST REGION OFFICE AT (360-407-6300).
- 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.
- ALL WORK SHALL BE IN ACCORDANCE WITH CITY OF PUYALLUP PUBLIC WORKS STANDARDS AND WSDOT STANDARDS AND SPECIFICATIONS.
- THE LOCATIONS OF FEATURES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION START.
- UTILITY LOCATIONS ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY ILLUMINATION WORK.
- ALL WORK SHALL BE CONSISTENT WITH UTILITY AGENCY REQUIREMENTS. THE CONTRACTOR SHALL COORDINATE WITH AFFECTED UTILITY AGENCIES THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.
- CONDUIT LOCATIONS ARE SHOWN FOR ILLUSTRATIVE PURPOSES. ACTUAL LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD.
- CONTRACTOR SHALL COORDINATE WITH THE CITY SIGNAL/ILLUMINATION TECHNICIAN AT 253.405.4390 PRIOR TO CONSTRUCTION.
- THE LOCATION OF ALL CONDUITS, JUNCTION BOXES, POLES, AND CABINETS SHOWN ON THIS PLAN MAY BE ADJUSTED IN THE FIELD TO AVOID CONFLICTS AND MEET ADA REQUIREMENTS. ALL FINAL LOCATIONS SHALL BE APPROVED BY THE CITY TRAFFIC ENGINEER PRIOR TO CONSTRUCTION.
- JUNCTION BOX LOCATIONS SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY. JUNCTION BOXES SHALL BE FIELD LOCATED BY THE CONTRACTOR WITH DIRECTION FROM THE CITY.
- CONTRACTOR SHALL ADJUST JUNCTION BOX LIDS TO BE FLUSH WITH TOP OF SIDEWALK.
- JUNCTION BOXES, CABLE VAULTS, AND PULL BOXES WHICH ARE PLACED WITHIN THE SIDEWALK SHALL HAVE SLIP RESISTANT LIDS WHICH MEET THE REQUIREMENTS OF AMERICANS WITH DISABILITIES ACT (ADA) AND PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG). APPROVED PRODUCTS ARE SLIPNOT GRIP PLATE GRADE 3 SURFACE AND IKG INDUSTRIES MEBAC#1.
- ILLUMINATION CONDUIT SHALL BE PLACED IN THE SAME TRENCH AS OTHER UTILITIES WHERE POSSIBLE. THE JUNCTION BOX AND CONDUIT LOCATIONS SHOWN ARE APPROXIMATE.
- THE CONTRACTOR SHALL SUBMIT A REQUEST TO THE CITY OF PUYALLUP FOR MATERIALS APPROVAL AT THE EARLIEST POSSIBLE DATE.
- LIGHT STANDARD FOUNDATIONS SHALL NOT BE EXCAVATED AND POURED BEFORE POLE LOCATIONS ARE APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL CONFIRM THAT 10 FEET MINIMUM CIRCUMFERENTIAL CLEARANCE IS PROVIDED BETWEEN LUMINAIRE POLES AND OVERHEAD POWER LINES PRIOR TO FOUNDATION INSTALLATION. IF A CONFLICT IS DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO FOUNDATION INSTALLATION.

EX SERVICE BREAKER SCHEDULE E SHAW RD AND ROAD A		
CIRCUIT	BREAKER	CONTACTOR
MAIN	1P-100 AMP	----
LT SIGN	1P-20 AMP	----
SIGNAL	1P-50 AMP	30 AMP
ILLUM 1 A	2P-20 AMP	30 AMP
ILLUM B (SPARE)	2P-30 AMP	30 AMP

ILLUMINATION & SIGNAL GENERAL NOTES

- ALL VEHICLE SIGNAL HEADS SHALL USE TYPE M MOUNTS (CONNECTED BETWEEN THE RED AND YELLOW SIGNAL FACES). ALL PEDESTRIAN SIGNAL HEADS SHALL USE TYPE E CLAMSHELL MOUNTS.
- ALL PEDESTRIAN PUSH BUTTONS SHALL BE ACCESSIBLE PEDESTRIAN SIGNALS (APS) AND SHALL BE INSTALLED PER MUTCD STANDARDS. ALL CURB RAMPS SHALL MEET PROWAG STANDARDS.
- THE LOCATION OF ALL CONDUITS, JUNCTION BOXES, POLES AND CABINETS SHOWN ON THIS PLAN MAY BE SLIGHTLY ADJUSTED IN THE FIELD TO AVOID CONFLICTS. ALL FINAL LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
- ALL NEW FOUNDATION LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO EXCAVATION. CONTRACTOR SHALL CHECK FOR MINIMUM OVERHEAD CLEARANCE OF 16'6" FOR ALL SIGNAL HEADS ABOVE THE STREET PRIOR TO POURING THE FOUNDATION.
- ALL TRAFFIC SIGNAL AND PEDESTRIAN HEADS, AND PUSH BUTTONS SHALL BE SECURELY AND COMPLETELY COVERED WHILE SIGNAL IS NOT IN OPERATION. SIGNAL HEADS WILL BE BAGGED WITH A SMALL HOLE IN LINE WITH EACH SIGNAL LENS.
- ALL CONDUCTORS FOR ALL ELECTRICAL EQUIPMENT SHALL BE LABELED IN EACH JUNCTION BOX.
- ALL CONDUITS SHALL BE RIGID HOT-DIPPED GALVANIZED STEEL OR SCHEDULE 80 PVC WHEN EXPOSED ABOVE THE GROUND. SEE SPECIAL PROVISIONS.
- ALL SIGNS SHALL BE VIP DIAMOND GRADE SHEETING FOR BOTH MAST ARM AND SHOULDER MOUNTS. STREET NAME SIGNS SHALL BE LED LIGHTED UNITS WITH THE CITY'S DAFFODIL LOGO. STREET NAME SIGNS WILL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. ALL LIGHTED STREET NAME SIGN LAYOUTS SHALL BE APPROVED BY THE CITY SIGN TECHNICIAN PRIOR TO MANUFACTURING.
- ALL JUNCTION BOXES SHALL BE PLACED BEHIND SIDEWALK, UNLESS OTHERWISE NOTED.
- ALL WORK SHALL BE IN ACCORDANCE WITH CITY OF PUYALLUP STANDARDS AND SPECIFICATIONS.
- THE LOCATIONS OF FEATURES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR AS NECESSARY.
- THE CONTRACTOR SHALL SUBMIT A REQUEST TO THE INSPECTOR FOR MATERIALS APPROVAL AT THE EARLIEST POSSIBLE DATE.
- ALL WORK SHALL BE CONSISTENT WITH UTILITY AGENCY REQUIREMENTS. THE CONTRACTOR SHALL CONTACT ALL PERTINENT UTILITY AGENCIES 48 HOURS BEFORE COMMENCING WORK, AND SHALL COORDINATE WITH AFFECTED UTILITY AGENCIES THROUGHOUT THE PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL NOTIFY THE AFFECTED UTILITY COMPANY AND THE CITY OF PUYALLUP IMMEDIATELY UPON DAMAGE.
- EXISTING FEATURES TO REMAIN UNLESS OTHERWISE NOTED.
- ALL JUNCTION BOXES CARRYING SIGNAL EQUIPMENT AND/OR INTERCONNECT SHALL HAVE THE LETTERS "TS" INSCRIBED ON THE LID. ALL JUNCTION BOXES CARRYING ONLY INTERCONNECT EQUIPMENT SHALL HAVE THE LETTERS "INTC" INSCRIBED ON THE LID.
- ALL WORK SHALL MEET THE REQUIREMENTS OF THE PROJECT SPECIAL PROVISIONS AND THE CITY OF PUYALLUP STANDARD DRAWINGS.
- THE TOP ELEVATION OF ALL POLE FOUNDATIONS SHALL BE APPROVED BY THE INSPECTOR PRIOR TO PLACING CONCRETE.
- ANY NEW JUNCTION BOX WHICH WILL BE LOCATED WITHIN OR PARTIALLY WITHIN SIDEWALK SHALL HAVE LIDS AND FRAMES WITH A NON-SLIP COATING ON THE TOP SURFACE EQUAL TO MEBAC1 OR SLIPNOT#3.
- A COPY OF THE LOAD CALCULATIONS SHALL BE PROVIDED TO THE CITY'S SIGNAL TECHNICIAN PRIOR TO INSTALLATION.
- CONTRACTOR SHALL CONTACT THE CITY'S SIGNAL TECHNICIAN WHEN THE LIGHTS ARE READY TO BE ENERGIZED.
- THE APPLICANT SHALL PURCHASE INSYNC ADAPTIVE CAMERAS DIRECTLY FROM RHYTHM ENGINEER (CHRIS FEES AT 913-227-0603 EXT. 145 OR SAWYER BRESLOW 913-227-0603 EXT. 136) AND PROVIDE TO THE CONTRACTOR FOR INSTALLATION. CITY STAFF CAN ASSIST WITH PREPARING AN AGREEMENT BETWEEN THE APPLICANT AND RHYTHM ENGINEERING. THE CONTRACTOR SHALL INSTALL COMPLETE INSYNC ADAPTIVE SYSTEMS AT THE SHAW/SITE ACCESS INTERSECTIONS AND COORDINATE DIRECTLY WITH RHYTHM ENGINEERING FOR PROGRAMMING.
- THE REQUIRED SIGNAL MODIFICATIONS MUST BE FULLY CONFIGURED AND OPERATIONAL NO LESS THAN 2 WEEKS PRIOR TO RECEIVING OCCUPANCY FOR ANY BUILDING ON-SITE. ADAPTIVE SIGNAL CONTRACTOR (RHYTHM ENGINEERING) WILL BE REQUIRED TO CONFIGURE THE ADAPTIVE SYSTEM ON-SITE.

APPROVED

BY: _____ CITY OF PUYALLUP
ENGINEERING SERVICES

DATE: _____

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No.	Date	By	Revision Description

Designed By:	Issue Date:
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Drawn By:	PERMIT
LAB	
Checked By:	Project No.:
GRL	2022-295



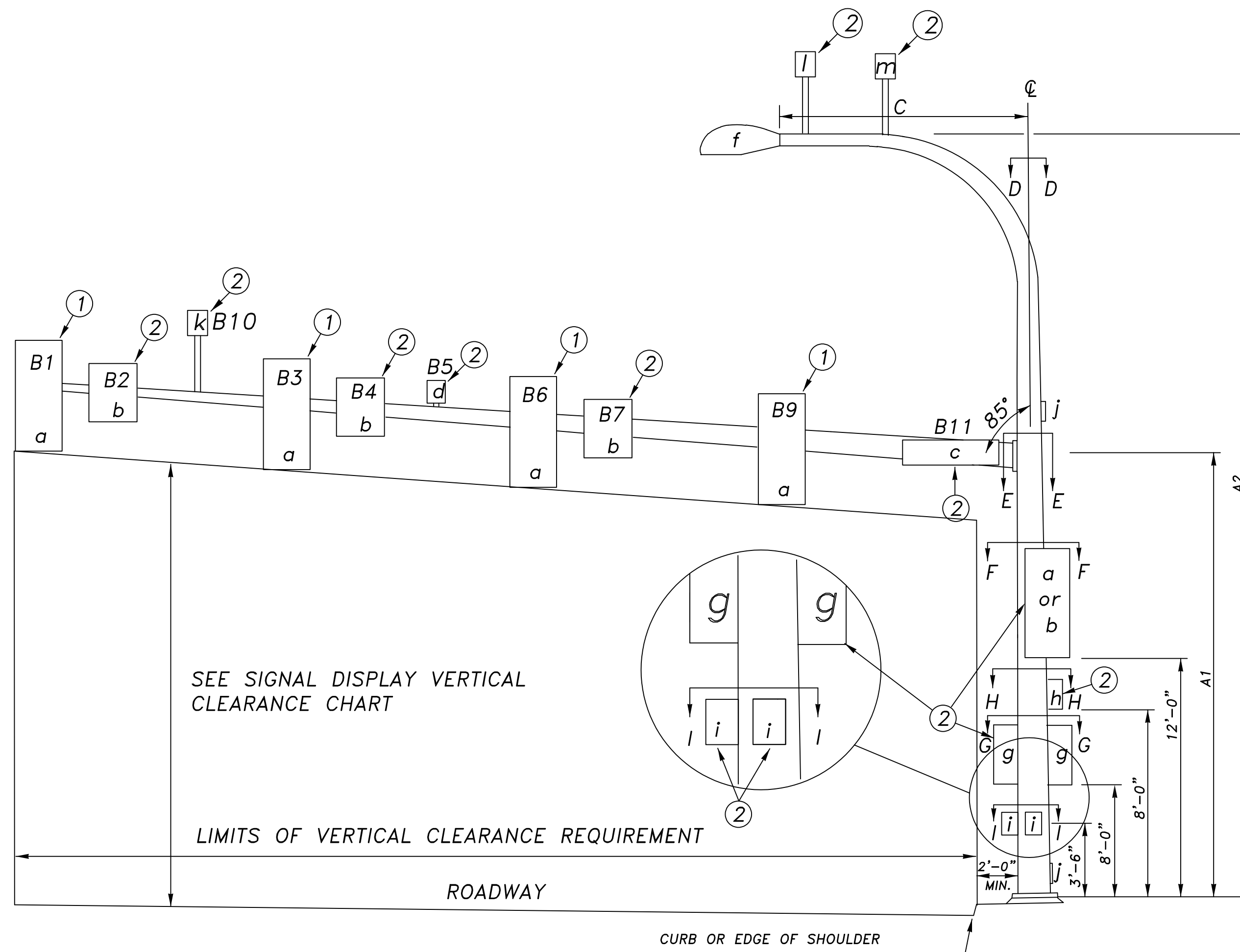
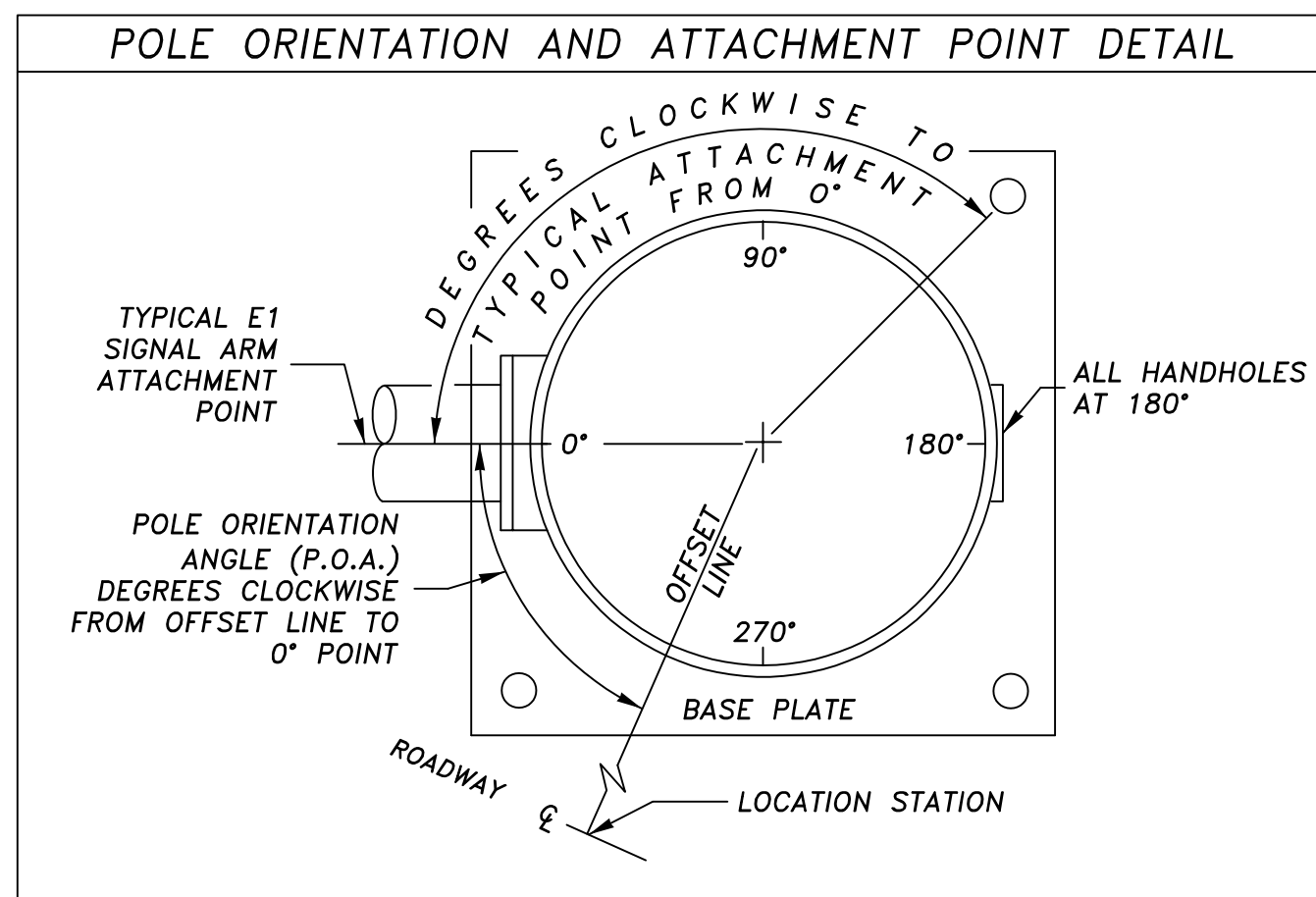
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Transportation Engineering NorthWest

Transportation Planning | Design | Traffic Impact & Operations
11400 SE 8th Street, Suite 200, Bellevue, WA 98004 | Office (425) 869-6747
Project Contact: Trevor Takara, P.E.
Phone: 206-914-3843

ASH DEVELOPMENT, LLC EAST TOWN CROSSING PUYALLUP, WA	TRAFFIC SIGNAL WIRE SCHEDULE – PHASE 1	TS-02 SHEET: OF
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SECTION 26, TOWNSHIP 20 N, RANGE 4 E, W.M.

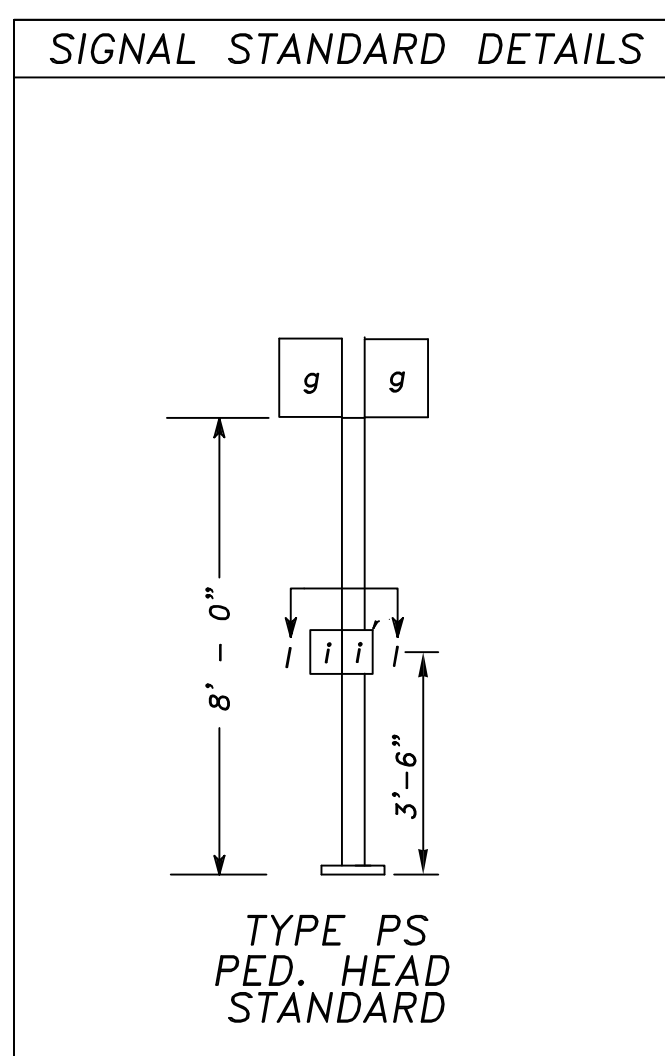


- # LEGEND
-
- a. VEHICLE SIGNAL HEAD
 - b. SIGN
 - c. ILLUMINATED STREET NAME SIGN
 - d. PRE-EMPTY DETECTOR
 - e. DELETED (10/22/90)
 - f. LUMINIARE
 - g. PEDESTRIAN SIGNAL HEAD
 - h. RECESSED TERMINAL COMPARTMENT
 - i. PEDESTIAN PUSHBUTTON ASSEMBLY
 - j. HANDHOLE
 - k. VIDEO DETECTION CAMERA
 - l. PTZ CAMERA
 - m. BROADBAND PANEL ANTENNA

ALTERNATE NOTE 1 FOR TYPE N MOUNT ONLY:
DRILL 1" HOLE IN MAST ARM AND INSTALL
PLASTIC SPLIT BUSHING FOR CABLE
ENTRANCE.

NOTES

- ① MOUNTING COUPLING INSTALLED AT OFFSET DISTANCE INDICATED IN CHART.
- ② FIELD INSTALLED.



TYPE II MAST ARM SIGNAL STANDARD	TYPE III COMBINATION LIGHTING AND MAST ARM SIGNAL STANDARD
	

SIGNAL DISPLAY VERTICAL CLEARANCE (FEET)

DISTANCE FROM STOP LINE	40'		45'		50'		53' OR MORE	
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
3 SECTION 12" SECTION (DOGHOUSE) 12"	16.5'	17.5'	16.5'	19.2'	16.5'	20.9'	16.5'	22.0'
4 SECTION 12"	16.5'	17.0'	16.5'	18.0'	16.5'	19.7'	16.5'	20.8'
5 SECTION (VERTICAL) 12"	16.5'	17.0'	16.5'	17.5'	16.5'	18.5'	16.5'	19.6'
MEASURED FROM BOTTOM OF SIGNAL HEAD HOUSING (BACKPLATE) TO ROADWAY								

SIGNAL STANDARD DETAIL CHART

[illegible]

SIGNAL STANDARD DETAIL CHART NOTES

- (1) FOUNDATION DEPTHS ARE BASED ON AN ALLOWABLE LATERAL BEARING CAPACITY OF 1,000 PSF. RECOMMENDED PER COORDINATION WITH EARTH SOLUTIONS NW, LLC ON 1/3/2019.
- (2) INSTALL NEW VEHICLE HEAD ON EXISTING TENON.
- (3) N/A: PEDESTRIAN SIGNAL HEAD SHALL USE TYPE "D" TOP MOUNT.
- (4) CALCULATED WINDLOAD PLUS 500 FT³ FOR FUTURE UNKNOWN CONDITIONS.
- (5) NOT APPLICABLE. PEDESTRIAN SIGNAL HEAD SHALL BE MOUNTED WITH A TYPE D TOP MOUNT.

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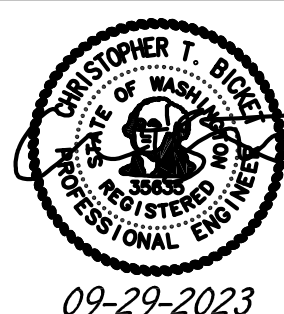
DATE _____

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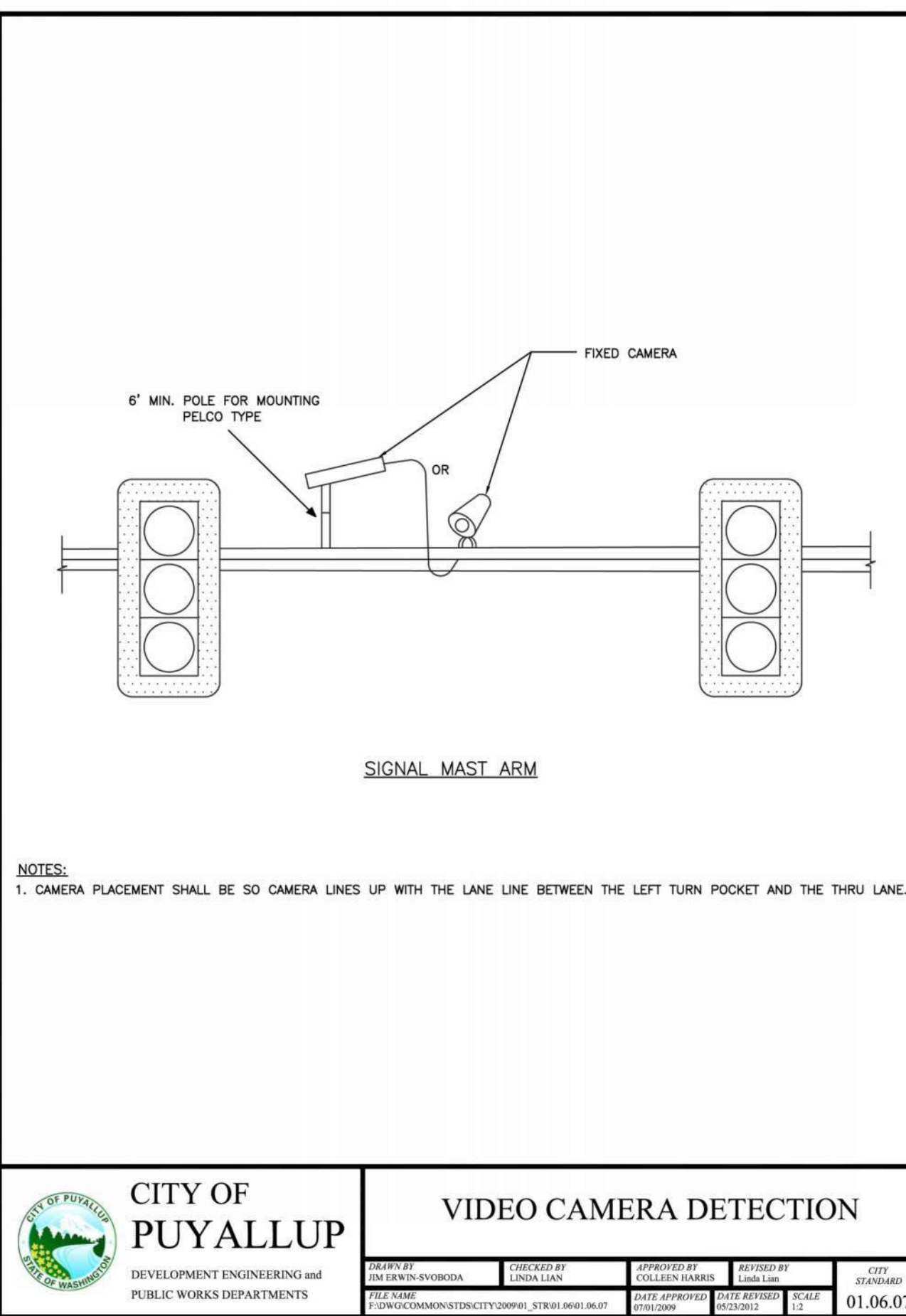
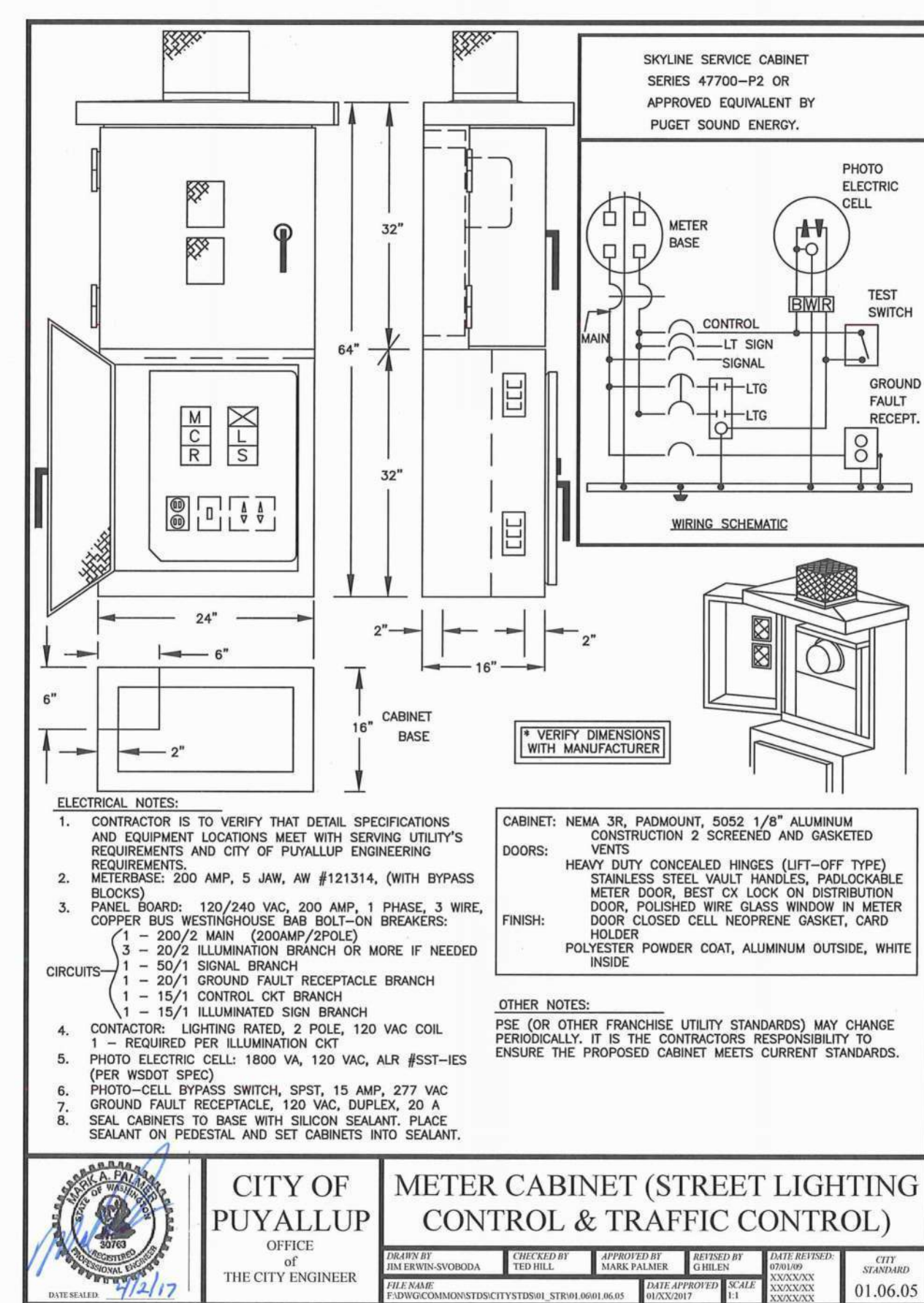
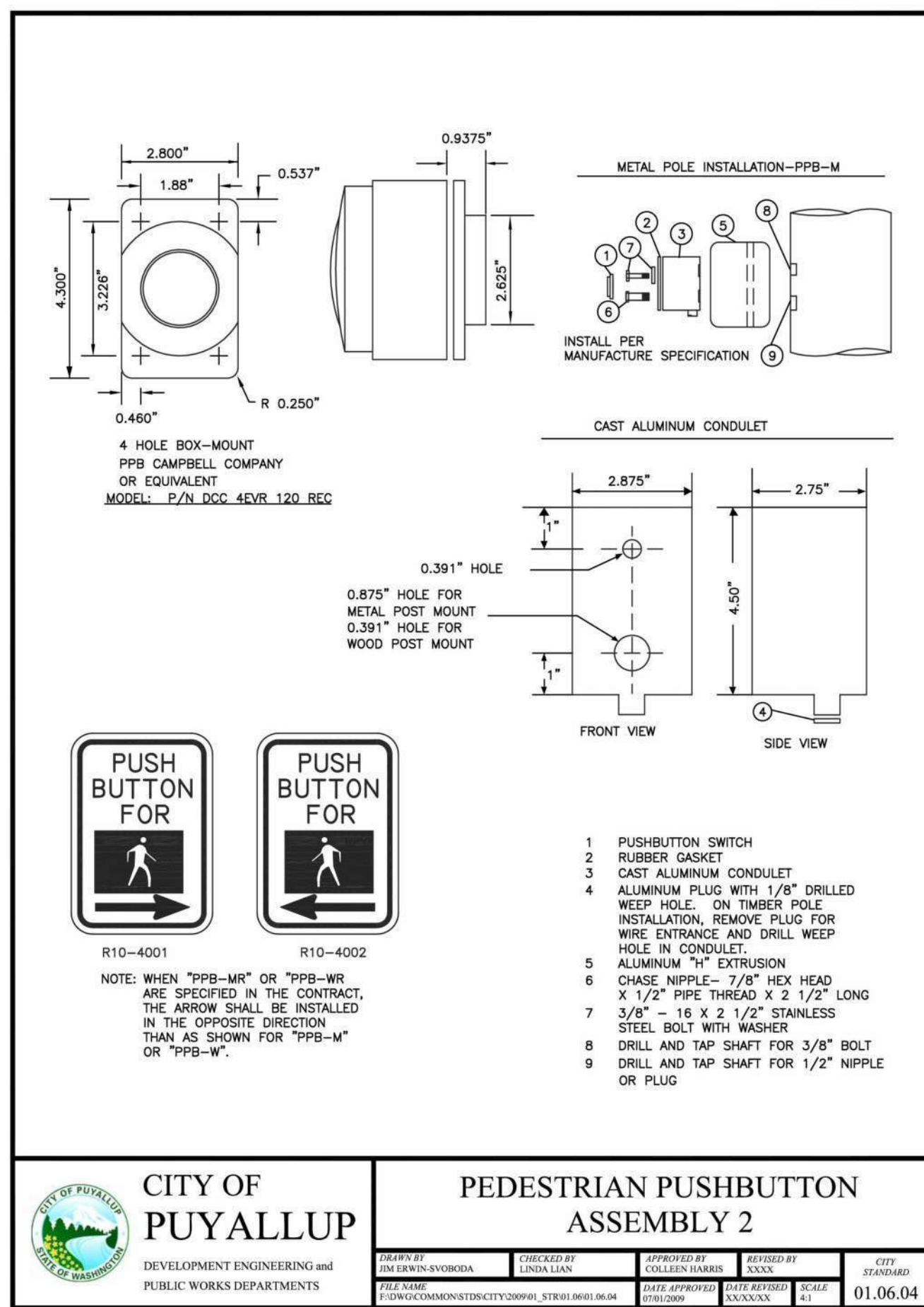
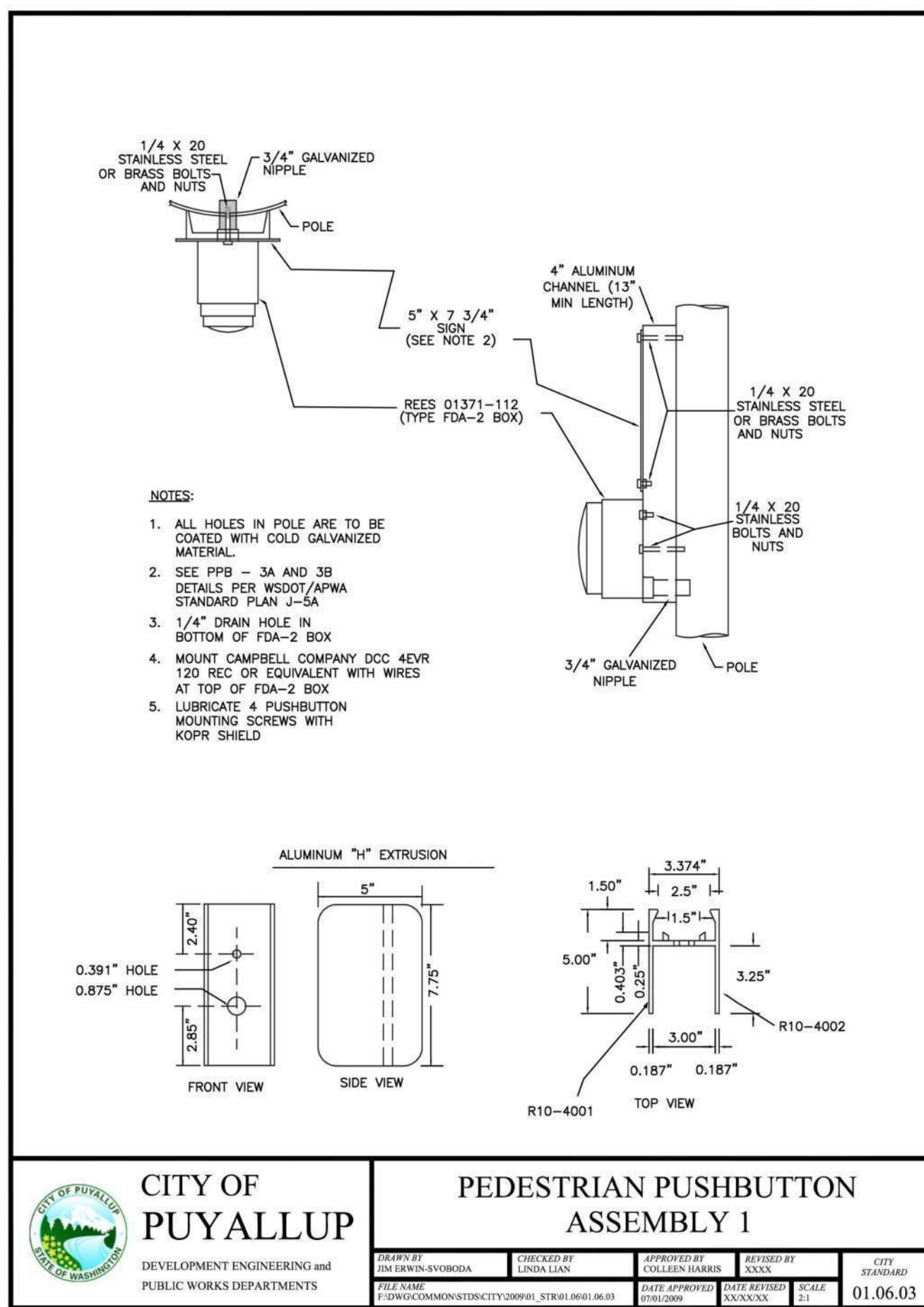
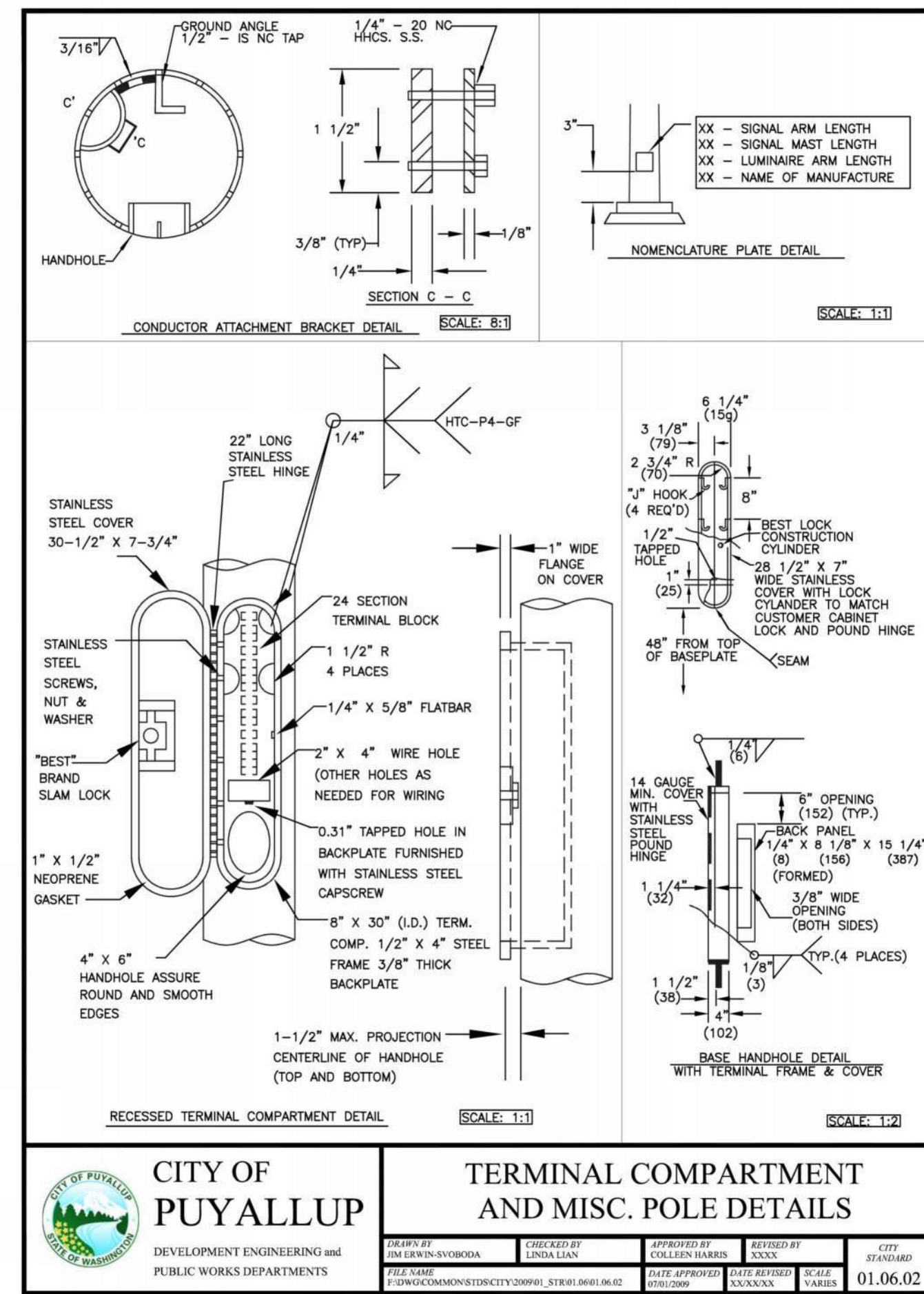
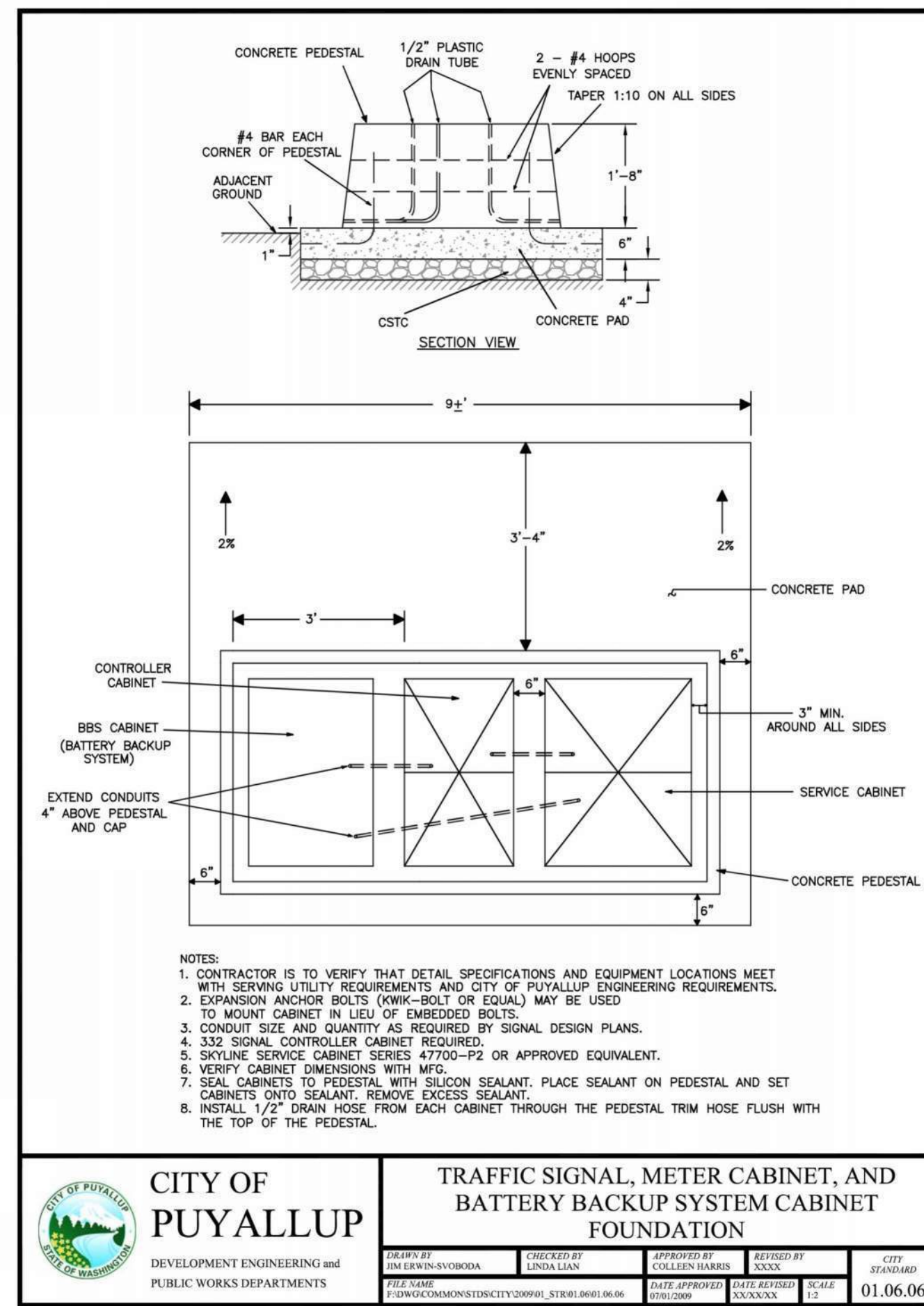
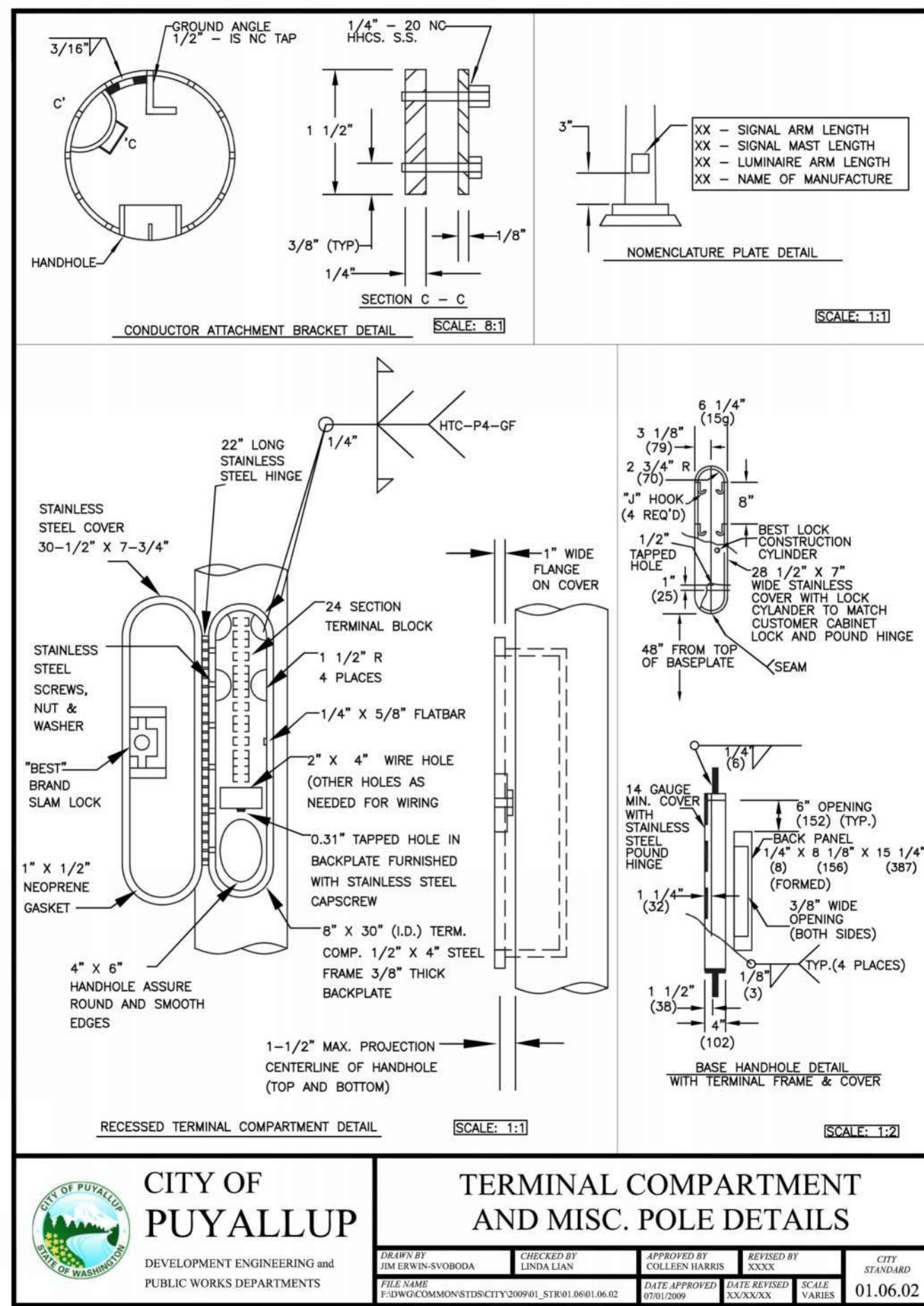
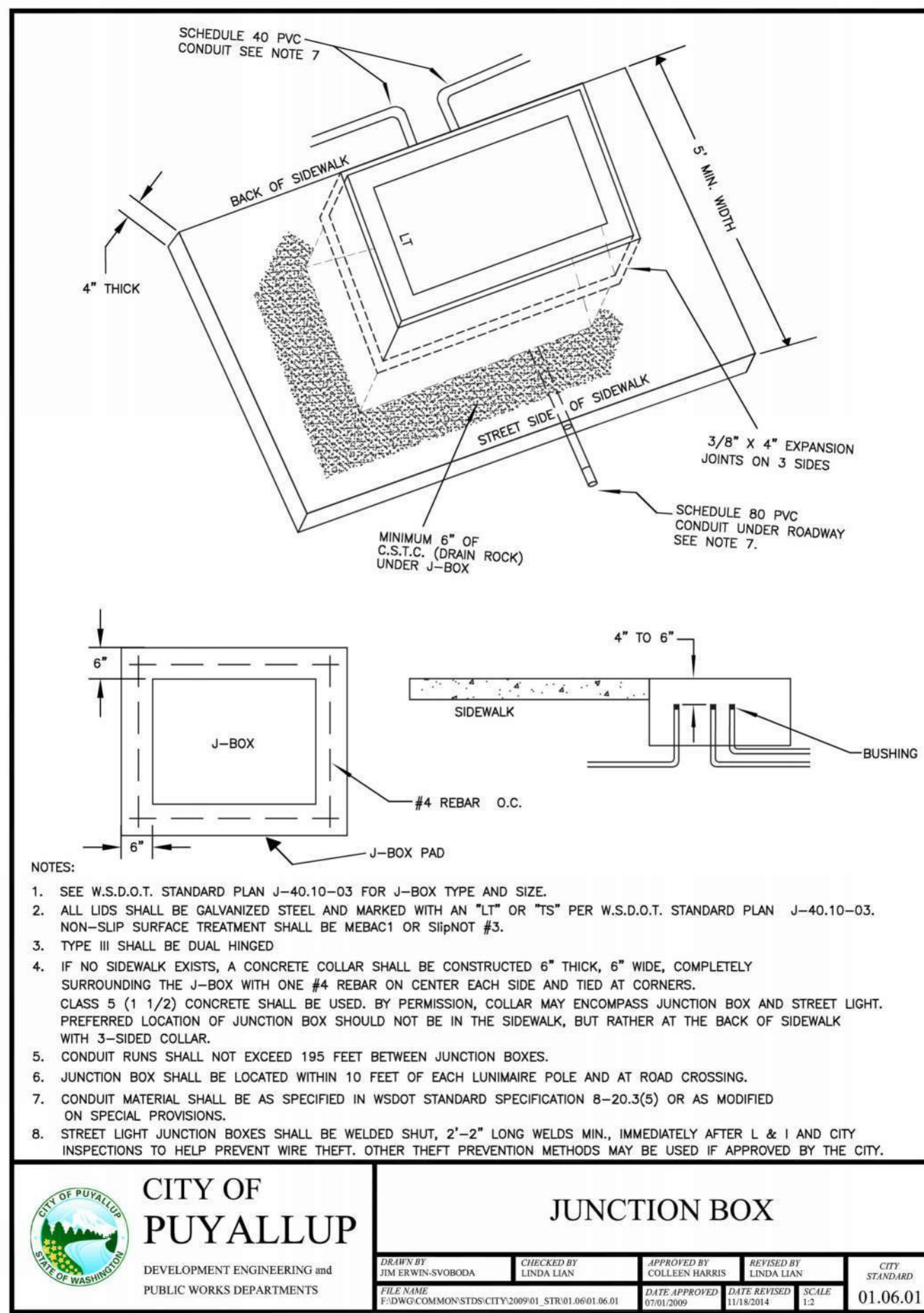
ASH DEVELOPMENT, LLC
EAST TOWN CROSSING
PUYALLUP, WA

TRAFFIC SIGNAL
POLE SCHEDULE - PHASE 1

TS-04

SHEET:

OF



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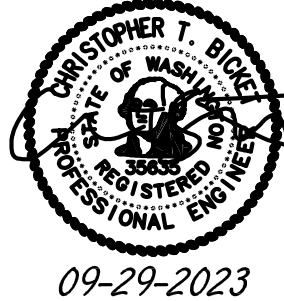
BY: _____ CITY OF PUYALLUP ENGINEERING SERVICES

DATE: _____

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ASH DEVELOPMENT, LLC
EAST TOWN CROSSING
PUYALLUP, WA

TRAFFIC SIGNAL STANDARD
DETAILS - PHASE 1

TS-05
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OF

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FLASHING BEACON STANDARD
DETAILS - PHASE 1

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