

CONTRACT ADDENDUM NO. 1

CITY OF PORT ORCHARD

FOR

Bethel Ave, Bethel Rd, Lincoln Ave SE, Mitchell Rd SE

**Project No. PW 2024-003
TIB Project No. 8-2-153(003)-1**

Date Advertised: February 23, 2024
Date of Addendum Issue: March 19, 2024
Date of Opening: March 26, 2024

Notice to all Plan Holders:

This Addendum No. 1, containing the following revisions, additions, deletions, and/ or clarifications is hereby made a part of the Plans and Contract Provisions (Contract Documents) for the above named project. It shall be attached to the Contract Provisions and shall be taken into consideration by the Bidders in submitting their bids.

Bidders shall acknowledge receipt of Addendum No. 1 in the space provided on the Proposal/ Construction Contract form. Failure to do so may subject the Bidder to disqualification of the bidders submittal.

CONTRACT PROVISIONS

Item No. 1: Additional Information for Submitting Sealed Bids

Bid opening date and time is changed, to 10:00am on March 26th, 2024.

Due to remodeling work occurring at City of Port Orchard City Hall, Contractors submitting sealed bids to the office of the City Clerk for the City of Port Orchard will need to use the entrance on the first floor and take the elevator to the 3rd floor.

The City Clerk, Brandy Wallace, will be working in the Council Chambers where the bid opening is to be held between 9:30am and 10:00am. Contractors who wish to submit their bids prior to 9:30am may go to the court across the hall from the Council Chambers and staff there will have the City Clerk come out to accept the bid.

Item No. 2: Project Manual Cover

The following revisions have been made:

- Under Contact Person, the email address is revised to kchammer@portorchard.wa.gov

Item No. 3: Revisions to Special Provisions

Revisions to the Special Provisions are as follows:

- The last paragraph of Section 1-07.17 Utilities and Similar Facilities has been revised as follows:

Utility relocations are anticipated to take up to ~~two~~ three months.

- The following is added to Section 5-04 Hot Mix Asphalt:

5-04.3(17) Temporary Pavement

In areas within roadway construction limits, the Contractor may temporarily pave trench excavations with 2-inches of commercial HMA in order to reopen the road to vehicular and pedestrian traffic by the conclusion of the day's work.

5-04.4 Measurement

Temporary pavement shall be measured by the square yard.

5-04.5 Payment

"Temporary Pavement", per square yard.

The unit Contract price per square yard for "Temporary Pavement" shall be full pay for all work to provide and subsequently remove the temporary paving for trenches and other areas placed by the Contractor. The quantities have been entered into the Proposal only to provide a common proposal for Bidders, actual quantities will be determined in the field as the work progresses and will be paid at the original bid price, regardless of final quantity. The bid item shall not be subject to the provisions of 1-04.6 of the Standard Specifications. All costs for maintaining, disposing of, at an offsite location, temporary pavement patch shall be included in the unit Contract price.

- The following is added to Section 7-04 Storm Sewers:

7-04.4 Measurement

No separate measurement will be made for potholing existing utilities when called for in the Plans, all costs for potholing and making adjustments to the invert elevations for new structures shall be included in the storm line or structure bid item included in the proposal.

- The following is added to Section 8-02 Roadside Restoration:

8-02 Roadside Restoration

The work shall include salvaging, relocating, and reinstalling existing decorative blocks, and mailboxes to the edge of right-of-way, removing and replacing in-kind fence both chain link and WWF (Welded Wired Fabric) fence with wood posts, replacing, in-kind

shrubs and landscaping removed, restoring disturbed areas with mulch or hydroseed matching existing conditions. Grass areas shall be brought to finished grade with Topsoil Type C prior to hydroseeding.

8-02.5 Payment

“Roadside Restoration”, per lump sum.

The lump sum contract price shall be full pay for all costs for equipment, labor, and materials necessary to restore the areas as shown in Plans, including, but not limited to, salvaging, relocating, and reinstalling existing mailboxes to edge of right-of-way, furnishing and placing CSTC, removing and replacing in-kind fences both chain link and WWF, mulch and top soil, minor grading, replacing in-kind shrubs and landscaping removed, and hydroseeding.

- The following is added to Section 8-14 Cement Concrete Sidewalks:

8-14.5 Payment

Where detectable warning surfaces are to be installed within the sidewalk outside of curb ramps as shown in the Plans, the cost shall be included in the unit price for cement concrete sidewalk. No separate measurement will be made, and all costs for installing the detectable warning surface shall be included in the bid item included in the proposal.

Item No. 4: Construction Plans

Revisions to the Construction Plans are as follows:

- Sheet 04 Demolition Plans is deleted and replaced with Sheet 04 attached to this addendum. Revised to clarify location for fence removal and replace in-kind.
- Sheet 43 Storm Water Plan & Profile is deleted and replaced with Sheet 43 attached to this addendum. Revised to clarify new versus existing pipe and structures.
- Sheets 81, 82 and 83 Illumination plans are deleted and replaced with Sheets 81, 82 and 83 attached to this addendum. Construction Note 1 has been revised.

Item No. 5: General Clarifications

The following questions have been received by the City as of the date of this addendum:

1. What is the bid item “Temporary Asphalt” for? Temporary trench backfill?
Response: The bid item “Temporary Asphalt” is intended for use as part of temporary trench restoration if needed to allow traffic onto the roadway, based on the Contractor’s proposed phasing/staging of the work. Special provisions have been updated to clarify.
2. PSE plans not provided. How will the dry utilities be put back?
Response: Dry utility plans will be provided after the bid posting. The utility companies will be providing their own trenching and conduits for relocations. Please see Section 1-07.17 “Utilities and Similar Facilities” for coordination with companies known or suspected of having facilities within project limits. The estimated completion of utility

relocations is expected to be three months. The Contractor shall be prepared to coordinate, accommodate and work alongside utility companies performing relocations.

3. Refer to sheet 4 of 89. Does the removed fence need to be put back?
Response: Fencing that conflicts with existing Right-of-way on the northeast and southwest corners of the intersection shall be removed and replaced in-kind. Please refer to Section 8-02 "Roadside Restoration" in Special Provisions.

4. How are the splitter island ramps being paid? Are the detectable warning surface incidental to these ramps?
Response: The splitter island ramps are considered cement concrete sidewalk. Special provisions have been updated to clarify that the detectable warning surface shall be incidental where installed outside of curb ramps.

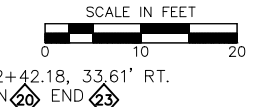
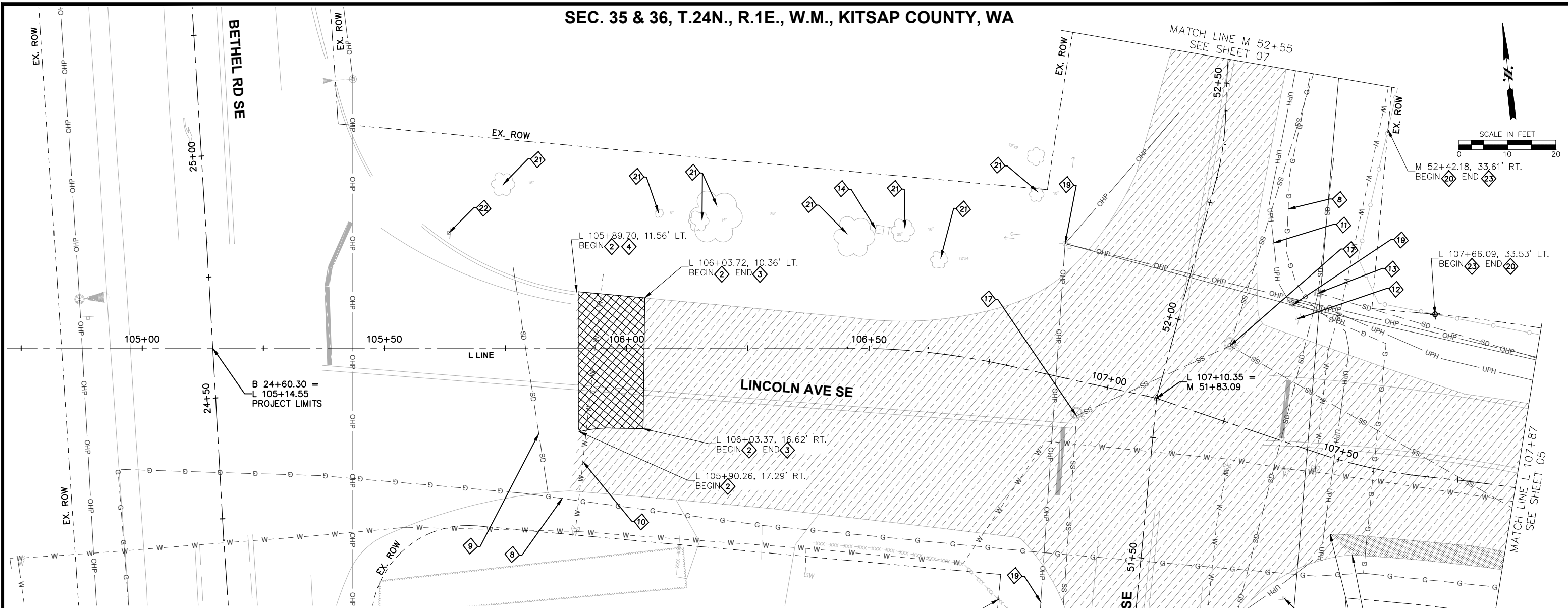
| ALL OTHER REQUIREMENTS OF THE CONTRACT DOCUMENTS REMAIN IN EFFECT

Kenneth C. Hammer

Date: 3/19/2024

K. Chris Hammer, PE, PMP
City Engineer

SEC. 35 & 36, T.24N., R.1E., W.M., KITSAP COUNTY, WA



DEMOLITION KEYNOTES:

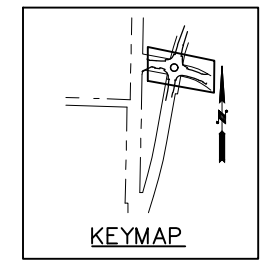
- | | |
|---------------------------------------|---|
| 1 SAWCUT LINE | 15 PROTECT EX. SANITARY SEWER LINE. |
| 2 PLANING BITUMINOUS PAVEMENT | 16 PROTECT POWER POLE. REMOVE EX. LUMINAIRE BY OTHERS. |
| 3 ROADWAY EXCAVATION | 17 PROTECT EX. SANITARY SEWER STRUCTURE. ADJUST EXISTING MANHOLE COVER TO GRADE. |
| 4 REMOVE CEMENT CONC. CURB | 18 REMOVE EX. TREE. REMOVAL BID ITEM "CLEARING & GRUBBING". |
| 5 REMOVE CEMENT CONC. SIDEWALK. | 19 RELOCATE EX. OVERHEAD POWER POLE BY OTHERS. |
| 6 REMOVE EX. DRAINAGE STRUCTURE | 20 REMOVE AND REPLACE FENCE IN-KIND. |
| 7 PROTECT EX. OVERHEAD POWER POLES | 21 PROTECT & PRESERVE EX. TREE. IF TREES OVERHANG CONFLICTS WITH CLEARANCE ON PROPOSED SIDEWALK, TRIMMING MUST BE COMPLETED TO ENSURE SUFFICIENT CLEARANCE. CITY TO ENSURE AND COORDINATE WITH PROPERTY OWNERS. |
| 8 PROTECT EX. GAS LINE | 22 PROTECT EXISTING SIGN, SEE SHEETS 73-76. |
| 9 PROTECT EX. STORM PIPE | 23 PROTECT EXISTING FENCE & POSTS |
| 10 PROTECT EX. WATERMAIN | |
| 11 PROTECT EX. UNDERGROUND UTILITIES. | |
| 12 REMOVE EX. SIGN & POST | |
| 13 PROTECT EX. DRAINAGE STRUCTURE | |
| 14 PROTECT EX. TELECOMMUNICATIONS. | |

GENERAL NOTES:

- THE CONTRACTOR SHALL NOTIFY EACH PROPERTY OWNER PRIOR TO THE START OF CONSTRUCTION, AND AGAIN AT A MINIMUM OF THREE DAYS PRIOR TO ANY CONSTRUCTION ADJACENT TO EACH PROPERTY. NAMES AND ADDRESSES WILL BE FURNISHED BY THE OWNER.
- FOR SIGN REMOVAL, SEE SIGNING PLANS.
- CONTRACTOR SHALL PROTECT ALL SURVEY MONUMENTS AND SHALL COMPLY WITH RCW 58.09.130 AND WAC 332-120-040 IF ANY MONUMENT IS TO BE DISTURBED.
- FOR SILT FENCE LOCATIONS AND HIGH VISIBILITY CONSTRUCTION FENCING. SEE TEMPORARY EROSION AND SEDIMENTATION PLANS.
- VEGETATION CLEARING SHALL NOT COMMENCE WITHOUT APPROVAL OF THE ENVIRONMENTAL COMPLIANCE MANAGER (ECM) IF ACTIVE MIGRATORY BIRD NESTS ARE PRESENT, ECM WILL DEMARCATe AREAS FOR VEGETATION RETENTION, UNTIL THE ECM VERIFIES THE ABSENCES OF ACTIVE NESTS.
- CONTRACTOR SHALL CALL ONE-CALL BEFORE ANY EXCAVATION BEGINS AT 1-800-424-5555.

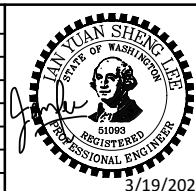
LEGEND:

- ROADWAY EXCAVATION INCL. HAUL
- PLANING BITUMINOUS PAVEMENT
- SAWCUT LINE
- CONSTRUCTION CENTERLINE
- ROW LINE



DESIGNED BY:	DATE	NO.	DATE	REVISIONS
K. LANE	3/19/24	1	3/19/24	ADDENDUM 1
CHECKED BY:				
PROJ. ENGR.:				

Plotted By: Kazuma Lane on 3/19/24 10:14 AM
 Saved By: K Lane on 3/19/24 10:14 AM

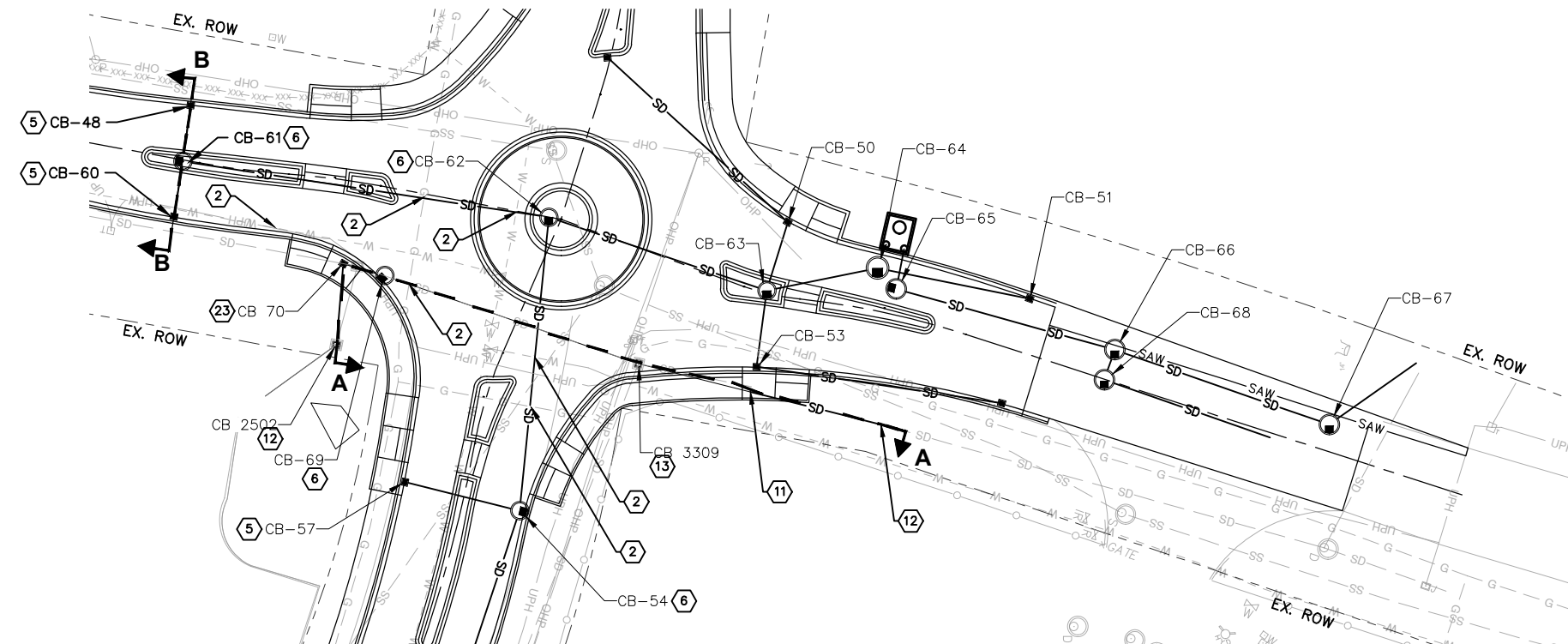


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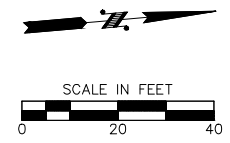
Port ORCHARD
 PORT ORCHARD WA

BETHEL AVE, BETHEL RD, LINCOLN AVE SE, MITCHELL RD SE		JOB NUMBER 20155
DEMOLITION PLAN		SHEET 04 OF 89 SHEETS

SEC. 35 & 36, T.24N., R.1E., W.M., KITSAP COUNTY, WA



MITCHELL SE TO NE CORNER COLLECTION
PLAN VIEW



STORM WATER LEGEND:

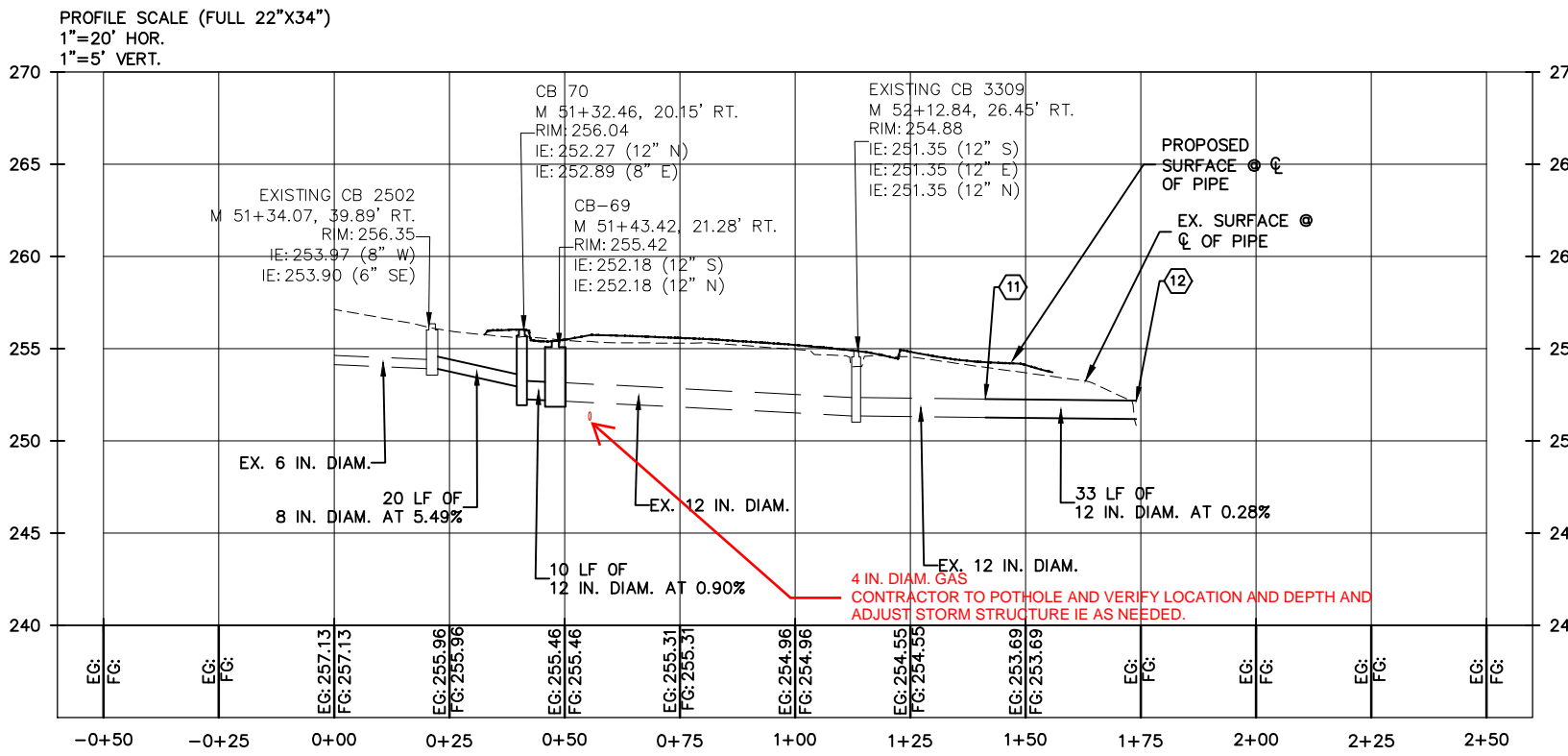
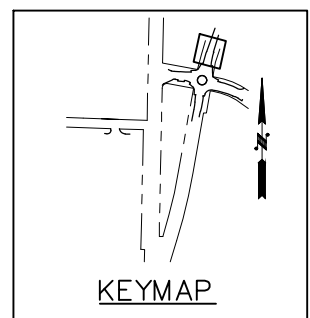
- SD— SOLID WALL PVC STORM DRAIN LINE
- SD- - EX. STORM DRAIN LINE
- EX. CATCH BASIN
- CATCH BASIN TYPE I PER WSDOT STD. PLAN B-5.20
- CATCH BASIN TYPE II PER WSDOT STD. PLAN B-10.20
- OLD CASTLE BIOPOD SEE SHEET 52
- CONTECH DETENTION PIPES SEE 40,41,42&43 FOR PLAN & PROFILE

STORM WATER KEYNOTES:

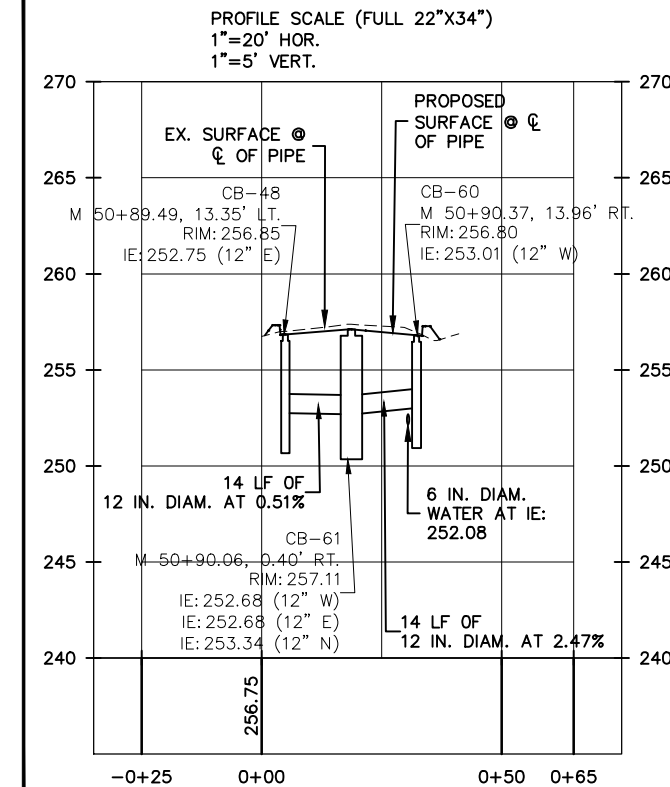
- ② SEE APPENDIX D OF PROJECT MANUAL FOR POT HOLE DATA.
- ③ OLD CASTLE BIOPOD (8' X 12'). FOR INSTALLATION AND FACILITY INVERTS SEE DETAIL ON SHEET 52.
- ⑤ CATCH BASIN TYPE I. SEE DETAIL ON SHEET 44.
- ⑥ CATCH BASIN TYPE II 48" DIAM. SEE DETAIL ON SHEET 46.
- ⑪ BEGIN CULVERT EXTENSION. SEE DETAIL FOR CONNECTION TO DISSIMILAR PIPES ON SEE 51.
- ⑫ END OF CULVERT PIPE. MATCH TO EX. BOTTOM OF SWALE. INSTALL QUARRY SPALL FOLLOW STANDARD SPECS.
- ⑬ PROTECT EX. CATCH BASIN
- ⑳ ROTATE CATCH BASIN TO NOT CONFLICT WITH FLOW LINE. REPLACE WITH SOLID METAL COVER.

STORM WATER NOTES:

1. ALL CATCH BASINS WITHIN ROADWAY SECTION SHALL HAVE RECTANGULAR VANED GRATE WSDOT STD PLAN B-30.30-03, UNLESS STATED OTHERWISE. SEE DETAIL ON SHEET 48.
2. ALL CATCH BASINS OUTSIDE OF ROADWAY SECTION SHALL HAVE A CIRCULAR FRAME (RING) AND COVER WSDOT STD PLAN B-30.70-04, UNLESS STATED OTHERWISE. SEE DETAIL ON SHEET 47.
3. ALL CATCH BASIN STATIONS AND OFFSETS IDENTIFY THE LOCATION OF THE CENTER OF THE STRUCTURE.
4. ALL STORM PIPE SHALL BE SOLID WALL PVC STORM SEWER PIPE, UNLESS OTHER INDICATED IN PLANS.
5. PROFILE SURFACE FOLLOWS THE CENTERLINE OF PROPOSED STORM PIPE.
6. PROTECT ALL EXISTING UTILITIES UNLESS OTHERWISE STATED IN PLANS



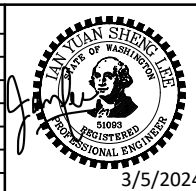
MITCHELL SE TO NE CORNER
PROFILE VIEW



SECTION B-B
PROFILE VIEW

DESIGNED BY:	DATE	NO.	DATE	REVISIONS
K. LANE	3/5/24			
K. LANE	3/5/24			
I. LEE P.E.	3/5/24			
I. LEE P.E.	3/5/24			

Plotted By: Ian Lee, P.E. on 3/5/24 12:09 PM
Saved By: I Lee on 3/5/24 12:03 PM



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BETHEL AVE, BETHEL RD,
LINCOLN AVE SE, MITCHELL RD
SE

STORM WATER PLAN & PROFILE

JOB NUMBER: 20155
BID:
SHEET 43 OF 89 SHEETS

ROADWAY LUMINAIRE SCHEDULE										
POLE NO.	STATION	OFFSET	P.O.A.	CIRCUIT	FIXTURE	WATTTS	MOUNTING HEIGHT	ARM LENGTH	LUMINAIRE BASE	FOUNDATION ELEV.
L14	106+66.81	33.88' RT	23°	C	LED COBRA HEAD T3 3K	71W	25'	8'	FIXED	254.24
L15	51+00.00	19.09' LT	0°	B	LED COBRA HEAD T2 3K	31W	25'	8'	SLIP	
L16	48+95.75	21.50' RT	0°	C	LED COBRA HEAD T3 3K	39W	25'	8'	SLIP	
L17	50+36.02	36.00' RT	327°	B	LED COBRA HEAD T3 3K	98W	25'	8'	FIXED	

STREET LIGHT TABLE - NEW LUMINAIRE

SITE #	POLE					LUMINAIRE	
	GRID #	INTOLIGHT TAG #	TYPE	MTG HT.	ARM	WATTS	STYLE
SL1	619624 155645		EXISTING WOOD	25'	8'	39W	LED COBRA HEAD T3 3K

LUMINAIRE NOTES:

1. INSTALL FIXED LUMINAIRE BASE PER WSDOT STD. PLAN J- 28.40.
2. INSTALL SLIP LUMINAIRE BASE PER WSDOT STD. PLAN J-28.42.
3. SET FOUNDATION ELEVATION 2 INCHES BELOW FINISHED GRADE PER PSE INSTALLATION REQUIREMENTS EXCEPT WHERE A SPECIFIC ELEVATION IS PROVIDED FOR POLES LOCATED BEHIND PROPOSED FILL RETAINING WALLS.

PEDESTRIAN LUMINAIRE SCHEDULE										
POLE NO.	STATION	OFFSET	P.O.A.	CIRCUIT	FIXTURE	WATTTS	MOUNTING HEIGHT	ARM LENGTH	LUMINAIRE BASE	FOUNDATION ELEV.
P3	106+74.25	34.55' LT	329.5°	B	KING - K601D-P-P4AC-II-40(SSL)-7030-3K	41W	18'	2'	FIXED	253.92
P4	49+61.07	36.39' RT	56.5°	C	KING - K601D-P-P4AC-II-40(SSL)-7030-3K	41W	18'	2'	SLIP	

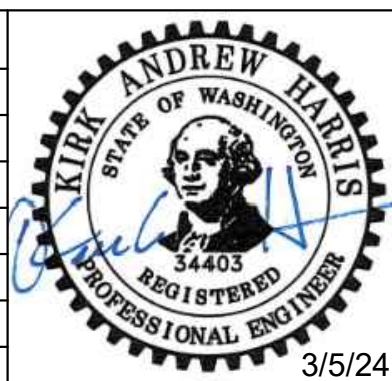
ROADWAY LIGHT LEVEL ANALYSIS					
LOCATION	ROAD CLASSIFICATION	* TARGET VALUES		CALCULATED VALUES	
		AVG. MAINTAINED ILLUMINANCE	UNIFORMITY	AVG. MAINTAINED ILLUMINANCE	UNIFORMITY
BETHEL RD SE - NORTH	ARTERIAL - INDUSTRIAL/COMMERCIAL	1.2	3:1	1.2	2.3:1
BETHEL RD SE - SOUTH	ARTERIAL - INDUSTRIAL/COMMERCIAL	1.2	3:1	1.3	2.6:1
BETHEL RD SE - ROUNDABOUT	ROUNDABOUT	1.8	3:1	1.8	1.9:1
SE LUNDBERG RD	LOCAL - INDUSTRIAL/COMMERCIAL	0.8	6:1	0.9	4.3:1
LINCOLN AVE SE	LOCAL - INDUSTRIAL/COMMERCIAL	0.8	6:1	0.8	2.6:1
LINCOLN AVE SE - EAST	COLLECTOR - INDUSTRIAL/COMMERCIAL	0.8	4:1	0.8	2.7:1
LINCOLN AVE SE - ROUNDABOUT	ROUNDABOUT	1.8	3:1	1.8	2.6:1
MITCHELL RD SE - NORTH	COLLECTOR - INDUSTRIAL/COMMERCIAL	0.8	4:1	0.9	2.3:1
MITCHELL RD SE - SOUTH	COLLECTOR - INDUSTRIAL/COMMERCIAL	0.8	4:1	0.8	2.0:1

* CITY OF PORT ORCHARD ILLUMINATION STANDARDS AVERAGE

SIDEWALK LIGHT LEVEL ANALYSIS		
LOCATION	CALCULATED VALUES	
	AVG. MAINTAINED ILLUMINANCE	UNIFORMITY
NORTH SIDEWALK	1.7	4.0:1
NORTHEAST SIDEWALK	1.1	2.8:1
SOUTH SIDEWALK	1.6	4.0:1
SOUTHEAST SIDEWALK	1.0	3.4:1
SOUTHWEST SIDEWALK	0.9	3.1:1
WEST SIDEWALK	1.7	2.8:1

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DESIGNED BY:	DATE	REVISIONS	
ENTERED BY:	NO.	DATE	
M. SCHAEFER	2/21/24		
M. SCHAEFER	2/21/24		
K. HARRIS	2/21/24		
K. HARRIS	2/21/24		




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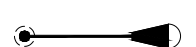
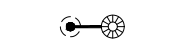


**BETHEL RD, LINCOLN AVE SE,
 MITCHELL RD SE**
ILLUMINATION SCHEDULES

JOB NUMBER
 20155
 BID
 SHEET
 81
 OF
 89
 SHEETS

GENERAL NOTES:

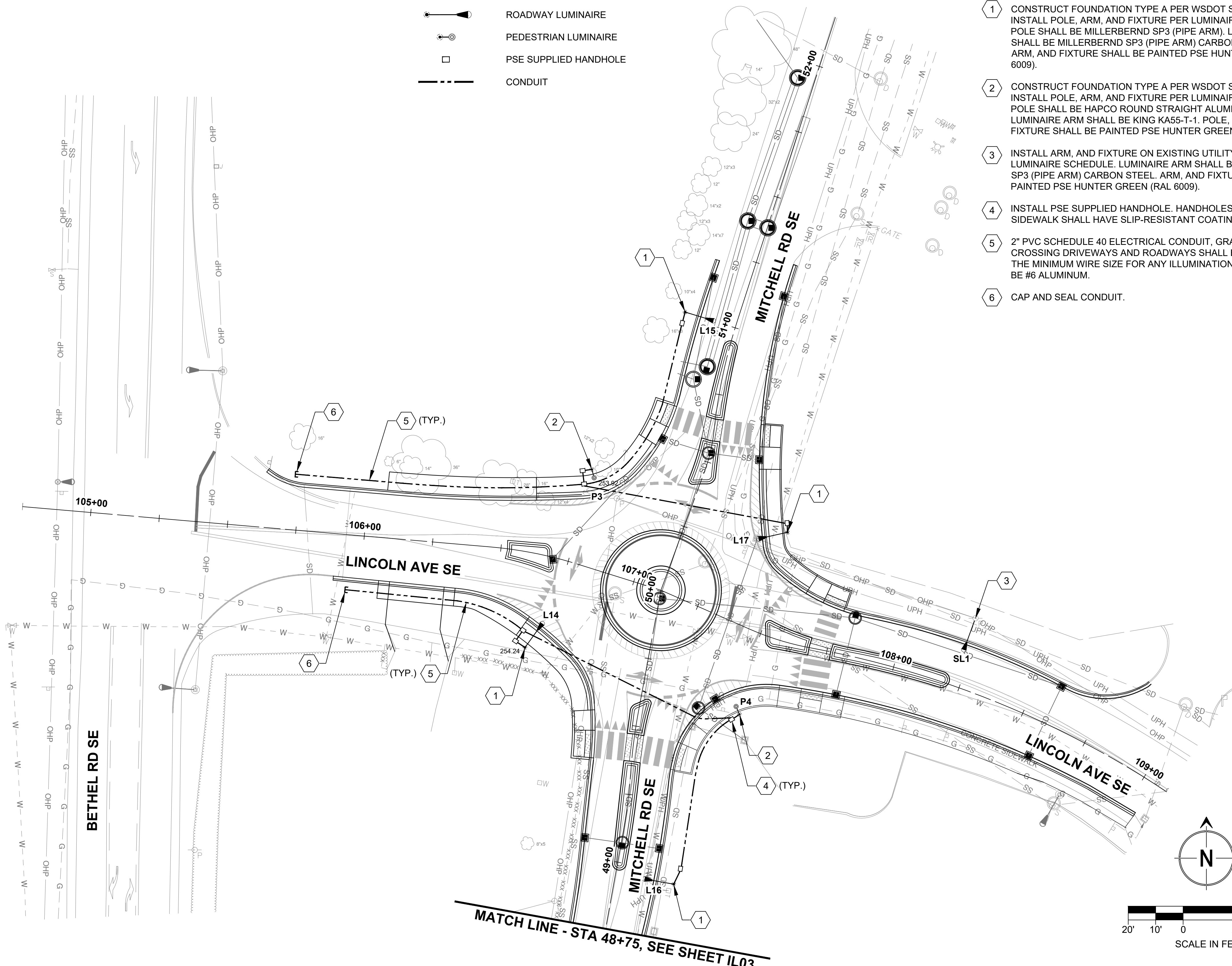
- HANDHOLES AND CONDUIT PLACEMENT SHOWN IS SCHEMATIC. PSE TO LOCATE AS NEEDED.

LEGEND:

-  ROADWAY LUMINAIRE
-  PEDESTRIAN LUMINAIRE
-  PSE SUPPLIED HANDHOLE
-  CONDUIT

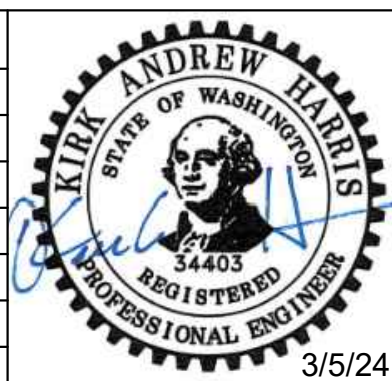
CONSTRUCTION NOTES:

- CONSTRUCT FOUNDATION TYPE A PER WSDOT STD. PLAN J-28.30. INSTALL POLE, ARM, AND FIXTURE PER LUMINAIRE SCHEDULE. POLE SHALL BE MILLERBERND SP3 (PIPE ARM). LUMINAIRE ARM SHALL BE MILLERBERND SP3 (PIPE ARM) CARBON STEEL. POLE, ARM, AND FIXTURE SHALL BE PAINTED PSE HUNTER GREEN (RAL 6009).
- CONSTRUCT FOUNDATION TYPE A PER WSDOT STD. PLAN J-28.30. INSTALL POLE, ARM, AND FIXTURE PER LUMINAIRE SCHEDULE. POLE SHALL BE HALPCO ROUND STRAIGHT ALUMINUM POLE, LUMINAIRE ARM SHALL BE KING KA55-T-1. POLE, ARM, AND FIXTURE SHALL BE PAINTED PSE HUNTER GREEN (RAL 6009).
- INSTALL ARM, AND FIXTURE ON EXISTING UTILITY POLE PER LUMINAIRE SCHEDULE. LUMINAIRE ARM SHALL BE MILLERBERND SP3 (PIPE ARM) CARBON STEEL. ARM, AND FIXTURES SHALL BE PAINTED PSE HUNTER GREEN (RAL 6009).
- INSTALL PSE SUPPLIED HANDHOLE. HANDHOLES LOCATED IN SIDEWALK SHALL HAVE SLIP-RESISTANT COATING.
- 2" PVC SCHEDULE 40 ELECTRICAL CONDUIT, GRAY. CONDUIT CROSSING DRIVEWAYS AND ROADWAYS SHALL BE SCHEDULE 80. THE MINIMUM WIRE SIZE FOR ANY ILLUMINATION CIRCUIT SHALL BE #6 ALUMINUM.
- CAP AND SEAL CONDUIT.



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DESIGNED BY:	DATE	NO.	DATE	REVISIONS
M. SCHAEFER	2/21/24			
M. SCHAEFER	2/21/24			
K. HARRIS	2/21/24			
K. HARRIS	2/21/24			



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PORT ORCHARD WA

**BETHEL RD, LINCOLN AVE SE,
 MITCHELL RD SE**
ILLUMINATION PLAN

JOB NUMBER	20155
BID	
SHEET	82
OF	89
SHEETS	

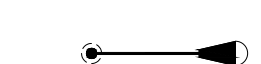

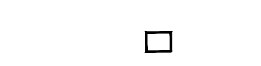

GENERAL NOTES:

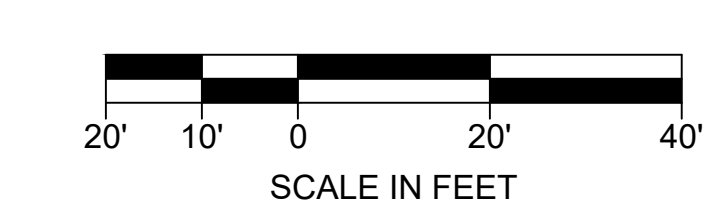
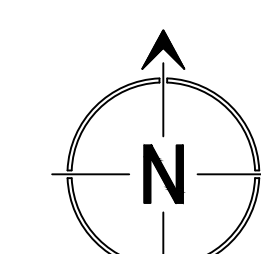
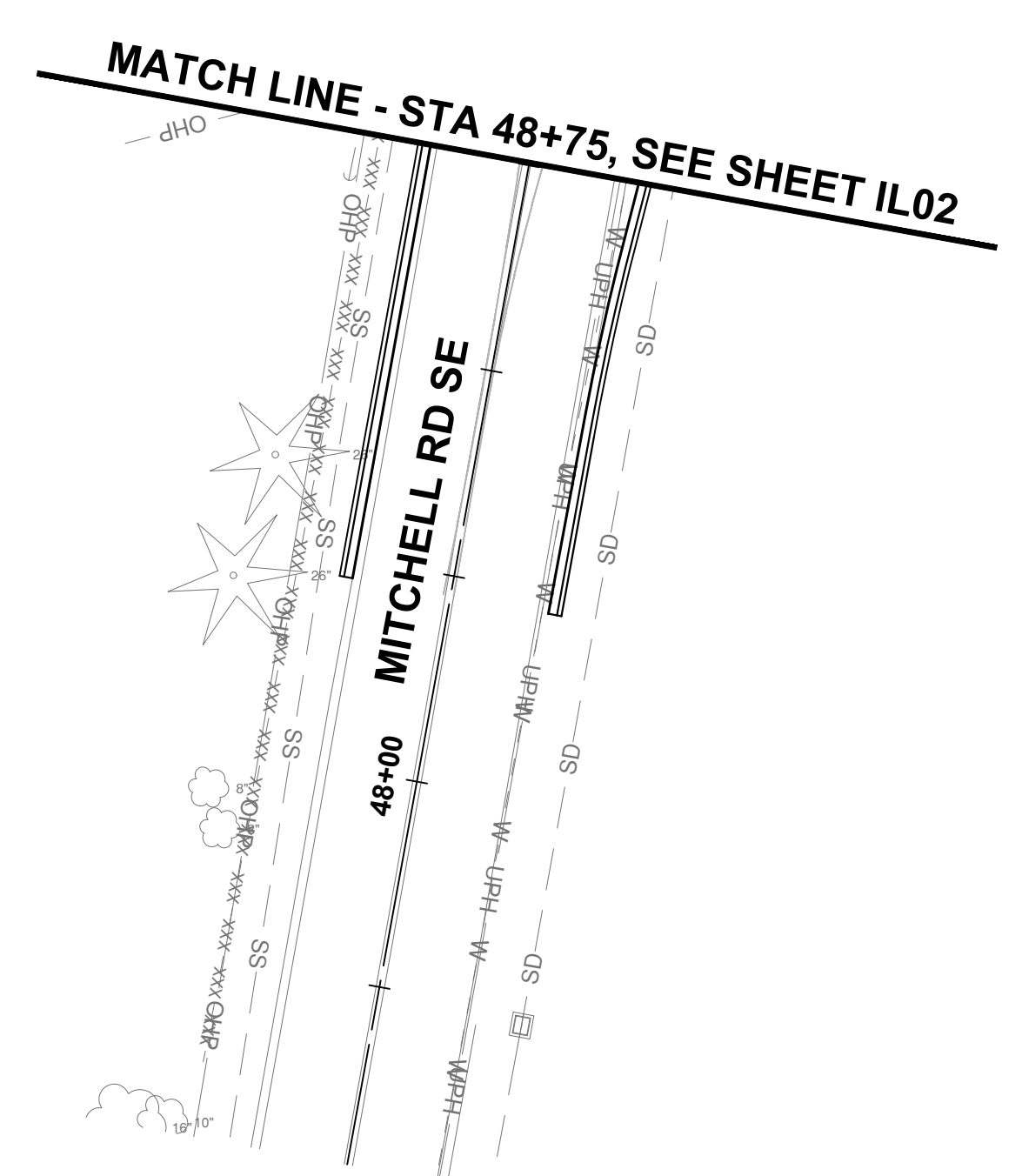
1. HANDHOLES AND CONDUIT PLACEMENT SHOWN IS SCHEMATIC. PSE TO LOCATE AS NEEDED.

CONSTRUCTION NOTES:

1. CONSTRUCT FOUNDATION TYPE A PER WSDOT STD. PLAN J-28.30. INSTALL POLE, ARM, AND FIXTURE PER LUMINAIRE SCHEDULE. POLE SHALL BE MILLERBERND SP3 (PIPE ARM). LUMINAIRE ARM SHALL BE MILLERBERND SP3 (PIPE ARM) CARBON STEEL. POLE, ARM, AND FIXTURE SHALL BE PAINTED PSE HUNTER GREEN (RAL 6009).
2. CONSTRUCT FOUNDATION TYPE A PER WSDOT STD. PLAN J-28.30. INSTALL POLE, ARM, AND FIXTURE PER LUMINAIRE SCHEDULE. POLE SHALL BE HAPCO ROUND STRAIGHT ALUMINUM POLE, LUMINAIRE ARM SHALL BE KING KA55-T-1. POLE, ARM, AND FIXTURE SHALL BE PAINTED PSE HUNTER GREEN (RAL 6009).
3. INSTALL ARM, AND FIXTURE ON EXISTING UTILITY POLE PER LUMINAIRE SCHEDULE. LUMINAIRE ARM SHALL BE MILLERBERND SP3 (PIPE ARM) CARBON STEEL. ARM, AND FIXTURES SHALL BE PAINTED PSE HUNTER GREEN (RAL 6009).
4. INSTALL PSE SUPPLIED HANDHOLE. HANDHOLES LOCATED IN SIDEWALK SHALL HAVE SLIP-RESISTANT COATING.
5. 2" PVC SCHEDULE 40 ELECTRICAL CONDUIT, GRAY. CONDUIT CROSSING DRIVEWAYS AND ROADWAYS SHALL BE SCHEDULE 80. THE MINIMUM WIRE SIZE FOR ANY ILLUMINATION CIRCUIT SHALL BE #6 ALUMINUM.

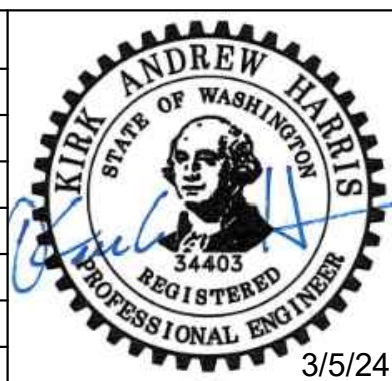
LEGEND:

-  ROADWAY LUMINAIRE
-  PEDESTRIAN LUMINAIRE
-  PSE SUPPLIED HANDHOLE
-  CONDUIT



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DESIGNED BY:	M. SCHAEFER	2/21/24	NO.	DATE	REVISIONS
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ILLUMINATION PLAN

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