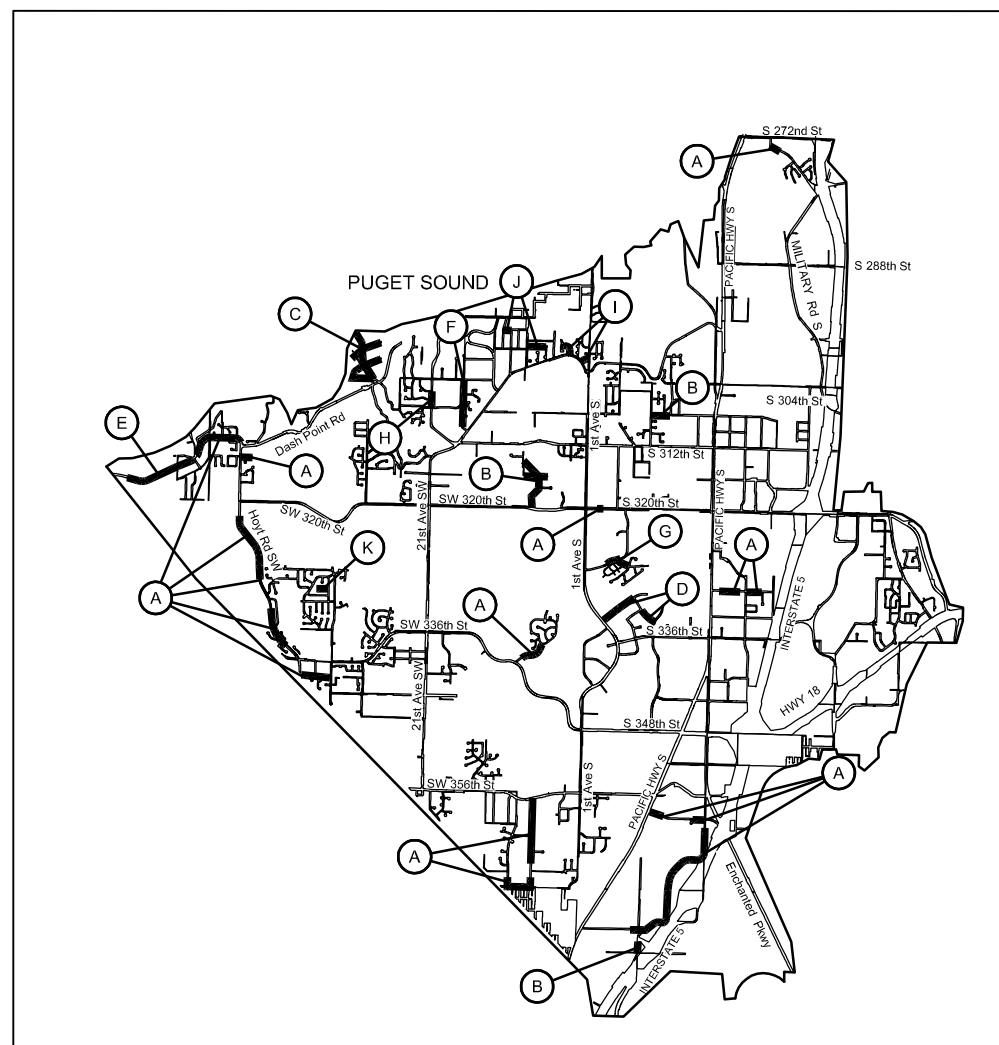


STREET LIGHT INFILL
RFB 23-016
CITY PROJECT # 26775

| | |
|-------|-------------------------------|
| 2-34 | ILLUMINATION SYSTEM - GROUP A |
| 35-39 | ILLUMINATION SYSTEM - GROUP B |
| 40-43 | ILLUMINATION SYSTEM - GROUP C |
| 44-46 | ILLUMINATION SYSTEM - GROUP D |
| 47-48 | ILLUMINATION SYSTEM - GROUP E |
| 49-51 | ILLUMINATION SYSTEM - GROUP F |
| 52-53 | ILLUMINATION SYSTEM - GROUP G |
| 54 | ILLUMINATION SYSTEM - GROUP H |
| 55-56 | ILLUMINATION SYSTEM - GROUP I |
| 57-58 | ILLUMINATION SYSTEM - GROUP J |
| 59 | ILLUMINATION SYSTEM - GROUP K |
| 60-68 | ILLUMINATION SYSTEM DETAILS |
| 69-76 | TRAFFIC CONTROL PLANS |

PROJECT LOCATION _____



APPROVED FOR CONSTRUCTION
Desiree S. Winkler
 DESIREE S. WINKLER, P.E.
 DEPUTY PUBLIC WORKS DIRECTOR
 12/13/23
 DATE

GENERAL NOTES

1. FEATURES ARE SHOWN OVERSIZE AND AT THE APPROXIMATE LOCATION OF INSTALLATION. THE CONTRACTOR SHALL MINIMIZE IMPACTS TO PRIVATE PROPERTY (VIEWS, GLARE, ETC.) IN SELECTING THE LOCATIONS OF LIGHT STANDARDS, JUNCTION BOXES, SERVICE CABINETS, ETC.
2. THE CONTRACTOR SHALL MARK THE LOCATIONS OF LIGHT STANDARDS, JUNCTION BOXES, AND SERVICE CABINETS FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION. WORK PERFORMED WITHOUT THE ENGINEER'S APPROVAL WILL BE CONSIDERED "AT RISK."
3. SOME FEATURES IN THE PLANS ARE MARKED "TYPICAL." FEATURES DESIGNATED AS TYPICAL HAVE MULTIPLE LOCATIONS SHOWN ON THAT SHEET. THE NUMBER OF LOCATIONS OF EACH FEATURE IS SHOWN IN THE CONSTRUCTION NOTES.

100% DESIGN

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 Centered on Opportunity
 33325 8th Avenue South
 Federal Way, WA 98003-6325
 (253) 835-2700
 www.cityoffederalway.com

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DRAFTED: D. MCINTOSH
 DESIGNED: K. DAVIS, P.E.
 REVIEWED: R. PEREZ, P.E.
 APPROVED: R. PEREZ, P.E.



| DRAWING VERSION / REVISION LOG | | |
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STREET LIGHT INFILL
COVER
CITYWIDE IMPROVEMENTS

CITY PROJECT #:
26775
 SHT. 1
 OF 76

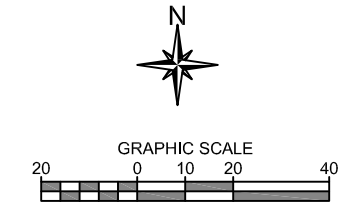
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| LUMINAIRE SCHEDULE | | | SERVICE NO. 3040 | | |
|--------------------|--------------|-------------------|------------------|---------|------------|
| PLAN NUMBER | ID NUMBER | SERVICE - CIRCUIT | TYPE - WATTS | MASTARM | MTG HEIGHT |
| 1 | 3040-1-SL2-1 | 1/320 - 2 | II - 90 | 12 FT | 35 FT |

| WIRING SCHEDULE | | | |
|-----------------|----------------------|--|--------------------------|
| X RUN NO. | CONDUIT | WIRE | COMMENTS |
| 1 | 2" PVC | 2-#8 (ILLUM) | SHALL BE ALUMINUM |
| 5 | PER PSE (2" MINIMUM) | PER PSE (3-#6 MINIMUM) | PER PSE |
| 11 | 2" RMC | 2-#6 (SIGNAL CABINET POWER), 2-#8 (ILLUM) | SHALL BE ALUMINUM |
| 12 | 2" RMC | 2-#6 (SIGNAL CABINET POWER) | SEE CONSTRUCTION NOTE 22 |

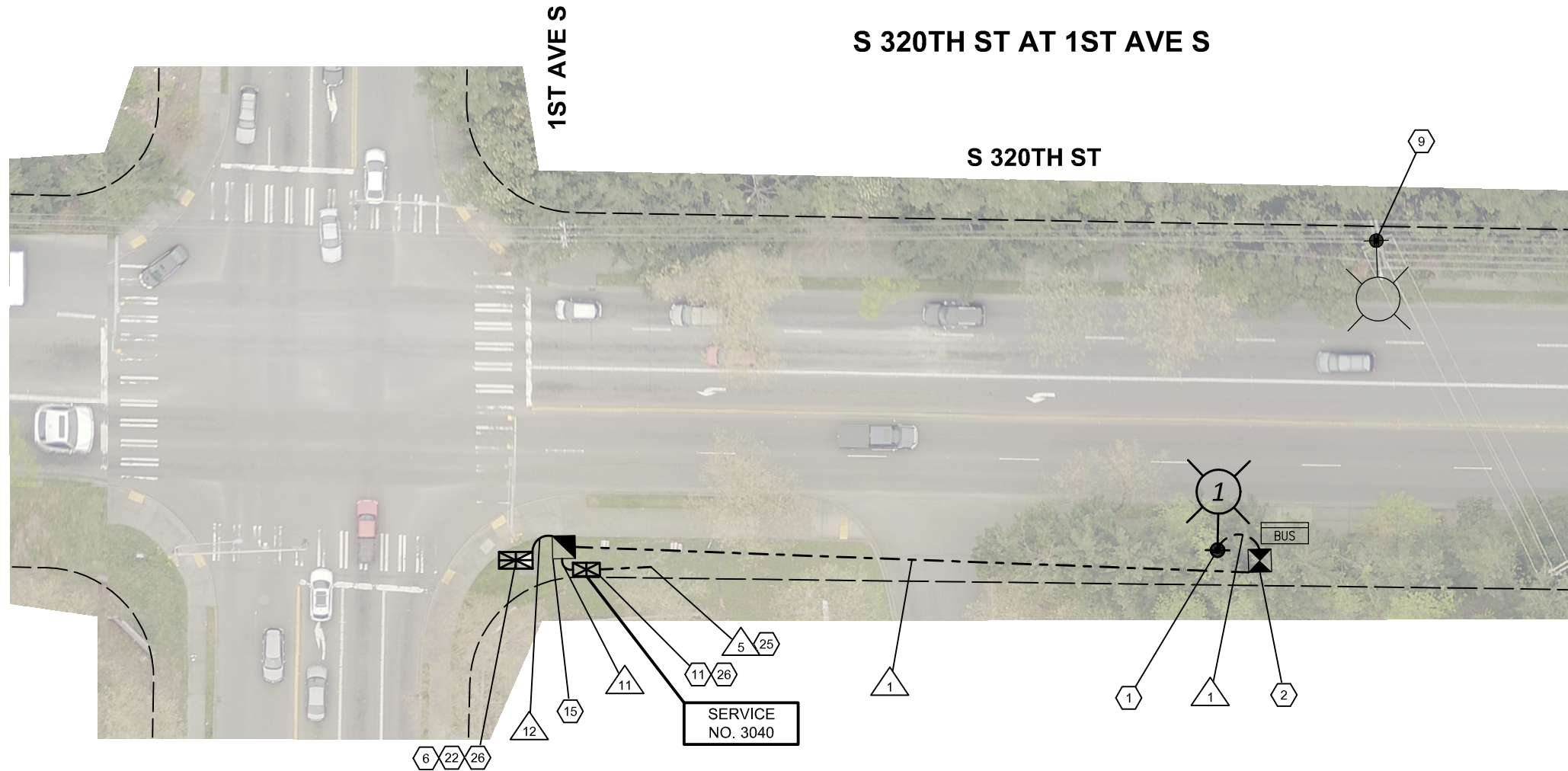
GENERAL NOTES

1. MAINTAIN AND PROTECT EXISTING FEATURES (TREES/ SHRUBS/ VEGETATION, DITCHES, DRIVEWAYS, ETC.) WITHIN PROJECT SITE UNLESS OTHERWISE NOTED.
2. UTILITIES ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO AVOID AND PROTECT EXISTING UTILITIES AND RESOLVE CONFLICTS.
3. ALL LIGHT STANDARDS AND JUNCTION BOXES SHALL BE INSTALLED WITHIN A CONCRETE PAD IN ACCORDANCE WITH THE DETAIL ON SHEET 63.
4. ALL JUNCTION BOXES SHALL INCLUDE THE SYSTEM IDENTIFICATION LETTERS "LT".
5. LIGHT STANDARDS SHALL BE PLACED SUCH THAT THERE IS A MINIMUM OF 6 FT FROM CENTER OF STANDARD TO EDGE LINE OR FACE OF CURB. THE CONTRACTOR SHALL NOT PLACE LIGHT STANDARDS IN FORMAL OR INFORMAL WALKING PATHS. THE CONTRACTOR SHALL NOT IMPEDE SIGHT DISTANCE, SIGN VISIBILITY, OR USPS ACCESS WITH LIGHT STANDARD PLACEMENT.
6. THE LOCATIONS SHOWN OF POLES, JUNCTION BOXES, AND SERVICE CABINETS ARE APPROXIMATE AND SHOWN OVERSIZE. FIELD ADJUSTMENT MAY BE NECESSARY. SEE NOTES. ALL CONSTRUCTION AND ACTIVITIES SHALL BE LOCATED WITHIN CITY OF FEDERAL WAY PROPERTY. RIGHT-OF-WAY LINES SHOWN ARE APPROXIMATE.



CONSTRUCTION NOTES

1. INSTALL LIGHT STANDARD FOUNDATION, POLE, DAVIT ARM, AND LUMINAIRE IN APPROXIMATE LOCATION SHOWN (1 LOCATION THIS SHEET) AND IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, SPECIAL PROVISIONS, AND THE DETAILS ON SHEETS 60 AND 61.
2. INSTALL TYPE 1 JUNCTION BOX (REFER TO STANDARD PLAN J-40.10 AND THE DETAILS ON SHEETS 65 AND 66) AT APPROXIMATE LOCATION SHOWN (1 BOX THIS SHEET). SEE NOTES.
6. MAINTAIN AND PROTECT TRAFFIC SIGNAL SYSTEM AND ALL ASSOCIATED INFRASTRUCTURE.
9. EXISTING PSE LUMINAIRE MOUNTED ON PSE POLE (1 LOCATION THIS SHEET).
11. INSTALL FOUNDATION AND SERVICE CABINET IN APPROXIMATE LOCATION SHOWN (DOORS FACING S 320TH ST) AND IN ACCORDANCE WITH THE DETAILS ON SHEETS 67 AND 68.
15. INSTALL TYPE 2 JUNCTION BOX (REFER TO STANDARD PLAN J-40.10 AND THE DETAILS ON SHEETS 65 AND 66) AT APPROXIMATE LOCATION SHOWN (1 BOX THIS SHEET). SEE NOTES.
22. COORDINATE WITH KING COUNTY SIGNALS FOR ACCESS TO SIGNAL CABINET. INSTALL METAL TYPE LB CONDUIT BODY INTO SIGNAL CABINET AND SEAL WITH SILICONE. BRACE CONDUIT TO SIGNAL CABINET PEDESTAL WITH STAINLESS STEEL CHANNEL AND HARDWARE.
25. COORDINATE WITH SERVING UTILITY FOR ELECTRICAL CONNECTION POINT. RUN SERVICE CONDUCTOR IN ACCORDANCE WITH POWER UTILITY AND CITY OF FEDERAL WAY PERMIT REQUIREMENTS. CONTRACTOR SHALL SUPPLY ANY CONDUIT AND FITTINGS, JUNCTION BOXES, AND HARDWARE REQUIRED BY THE SERVING UTILITY FOR SERVICE.
26. COORDINATE POWER SOURCE SWITCHOVER WITH CITY OF FEDERAL WAY, KING COUNTY SIGNALS, AND PSE. REMOVE EXISTING CONDUCTOR TO UNMETERED SERVICE AND INSTALL NEW CONDUCTORS FROM METERED SERVICE. SIGNAL LUMINAIRES SHALL BE PLACED ON CIRCUIT 3.



NOTES

1. JUNCTION BOXES FOR S 320TH ST ARE INTENDED TO HAVE SPACING OF APPROXIMATELY 175 FEET FOR INSTALLATION OF ADDITIONAL LIGHT STANDARDS IN THE FUTURE. THE CONTRACTOR SHALL BEAR THIS IN MIND WHEN PLACING THE JUNCTION BOXES AND ATTEMPT TO ADHERE TO THE SPACING AND PLAN LOCATIONS AS MUCH AS IS PRACTICABLE. THE CONTRACTING AGENCY UNDERSTANDS THAT FIELD CONDITIONS MAY PRECLUDE THIS. ANY JUNCTION BOX SPACING GREATER THAN 250 FEET WILL NEED TO BE COORDINATED AND APPROVED BY THE ENGINEER, PRIOR TO INSTALLATION. IF FEWER JUNCTION BOXES ARE INSTALLED THAN SHOWN IN THE PLANS, THOSE BOXES SHALL BE DELIVERED TO THE KING COUNTY SIGNAL SHOP AT THE CONTRACTOR'S EXPENSE.
2. THE PROPOSED LIGHT STANDARD SHALL BE INSTALLED IN THE IMMEDIATE VICINITY OF THE BUS STOP.

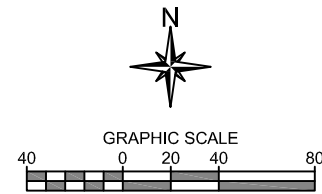
LEGEND

- APPROXIMATE RIGHT-OF-WAY
- CONDUIT AND WIRING
- △ WIRE NOTE
- CONSTRUCTION NOTE
- ⊙ LIGHT STANDARD AND LUMINAIRE
- ⊙ EX. PSE LUMINAIRE AND POLE
- ⊠ TYPE 1 JUNCTION BOX
- ⊠ TYPE 2 JUNCTION BOX
- ⊠ SERVICE CABINET
- ⊠ EX. SIGNAL CABINET
- ⊠ EX. BUS STOP

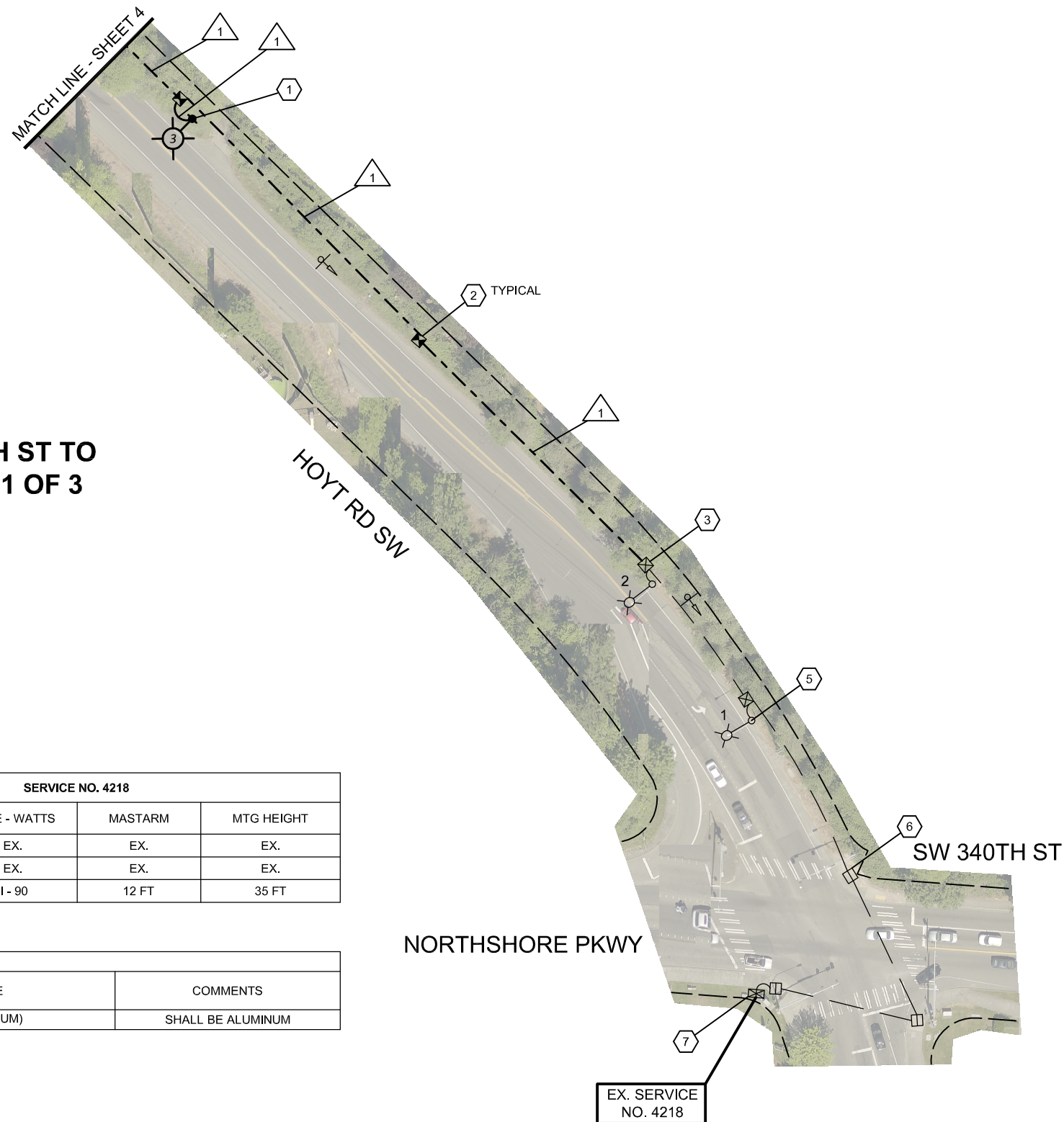
100% DESIGN

| <p>33325 8th Avenue South Federal Way, WA 98003-6325</p> <p>(253) 835-2700 www.cityoffederalway.com</p> | | DRAFTED: D. MCINTOSH DESIGNED: K. DAVIS, P.E. REVIEWED: R. PEREZ, P.E. APPROVED: R. PEREZ, P.E. | | DRAWING VERSION / REVISION LOG | <h2 style="margin: 0;">STREET LIGHT INFILL</h2> <h3 style="margin: 0;">ILLUMINATION SYSTEM - GROUP A</h3> <h3 style="margin: 0;">S 320 ST AT 1 AVE S</h3> | CITY PROJECT #: | | | | | | | |
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HOYT RD SW - SW 340TH ST TO SW 335TH PL -- SHEET 1 OF 3



CONSTRUCTION NOTES

1. INSTALL LIGHT STANDARD FOUNDATION, POLE, DAVIT ARM, AND LUMINAIRE IN APPROXIMATE LOCATION SHOWN (1 LOCATION THIS SHEET) AND IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, SPECIAL PROVISIONS, AND THE DETAILS ON SHEETS 60 AND 61.
2. INSTALL TYPE 1 JUNCTION BOX (REFER TO STANDARD PLAN J-40.10 AND THE DETAILS ON SHEETS 65 AND 66) AT APPROXIMATE LOCATION SHOWN (2 BOXES THIS SHEET). SEE NOTES.
3. INSTALL CONDUIT TO EXISTING JUNCTION BOX. SPLICE NEW CONDUCTORS TO EXISTING ILLUMINATION CONDUCTORS.
5. MAINTAIN AND PROTECT EXISTING ILLUMINATION SYSTEM.
6. MAINTAIN AND PROTECT TRAFFIC SIGNAL SYSTEM AND ALL ASSOCIATED INFRASTRUCTURE.
7. EXISTING SERVICE CABINET TO BE USED FOR PROPOSED LIGHT STANDARDS FOR HOYT RD SW - SW 340 ST TO SW 335 PL.

GENERAL NOTES

1. MAINTAIN AND PROTECT EXISTING FEATURES (TREES/ SHRUBS/ VEGETATION, DITCHES, DRIVEWAYS, ETC.) WITHIN PROJECT SITE UNLESS OTHERWISE NOTED.
2. UTILITIES ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO AVOID AND PROTECT EXISTING UTILITIES AND RESOLVE CONFLICTS.
3. ALL LIGHT STANDARDS AND JUNCTION BOXES SHALL BE INSTALLED WITHIN A CONCRETE PAD IN ACCORDANCE WITH THE DETAIL ON SHEET 63.
4. ALL JUNCTION BOXES SHALL INCLUDE THE SYSTEM IDENTIFICATION LETTERS "LT".
5. LIGHT STANDARDS SHALL BE PLACED SUCH THAT THERE IS A MINIMUM OF 6 FT FROM CENTER OF STANDARD TO EDGE LINE OR FACE OF CURB. THE CONTRACTOR SHALL NOT PLACE LIGHT STANDARDS IN FORMAL OR INFORMAL WALKING PATHS. THE CONTRACTOR SHALL NOT IMPEDE SIGHT DISTANCE, SIGN VISIBILITY, OR USPS ACCESS WITH LIGHT STANDARD PLACEMENT.
6. THE LOCATIONS SHOWN OF POLES, JUNCTION BOXES, AND SERVICE CABINETS ARE APPROXIMATE AND SHOWN OVERSIZE. FIELD ADJUSTMENT MAY BE NECESSARY. SEE NOTES. ALL CONSTRUCTION AND ACTIVITIES SHALL BE LOCATED WITHIN CITY OF FEDERAL WAY PROPERTY. RIGHT-OF-WAY LINES SHOWN ARE APPROXIMATE.

| LUMINAIRE SCHEDULE | | SERVICE NO. 4218 | | | |
|--------------------|--------------------|-------------------|--------------|---------|------------|
| PLAN NUMBER | ID NUMBER | SERVICE - CIRCUIT | TYPE - WATTS | MASTARM | MTG HEIGHT |
| 1 | 4218-1-SL1-1 (EX.) | HOYT/340 - 1 | EX. | EX. | EX. |
| 2 | 4218-1-SL1-2 (EX.) | HOYT/340 - 1 | EX. | EX. | EX. |
| 3 | 4218-1-SL1-3 | HOYT/340 - 1 | II - 90 | 12 FT | 35 FT |

| WIRING SCHEDULE | | | |
|-----------------|---------|--------------|-------------------|
| X RUN NO. | CONDUIT | WIRE | COMMENTS |
| 1 | 2" PVC | 2-#8 (ILLUM) | SHALL BE ALUMINUM |

NOTES

1. JUNCTION BOXES FOR HOYT RD SW ARE INTENDED TO HAVE SPACING OF APPROXIMATELY 175 FEET FOR INSTALLATION OF ADDITIONAL LIGHT STANDARDS IN THE FUTURE. THE CONTRACTOR SHALL BEAR THIS IN MIND WHEN PLACING THE JUNCTION BOXES AND ATTEMPT TO ADHERE TO THE SPACING AND PLAN LOCATIONS AS MUCH AS IS PRACTICABLE. THE CONTRACTING AGENCY UNDERSTANDS THAT FIELD CONDITIONS MAY PRECLUDE THIS. ANY JUNCTION BOX SPACING GREATER THAN 250 FEET WILL NEED TO BE COORDINATED AND APPROVED BY THE ENGINEER, PRIOR TO INSTALLATION. IF FEWER JUNCTION BOXES ARE INSTALLED THAN SHOWN IN THE PLANS, THOSE BOXES SHALL BE DELIVERED TO THE KING COUNTY SIGNAL SHOP AT THE CONTRACTOR'S EXPENSE.

LEGEND

- APPROXIMATE RIGHT-OF-WAY
- CONDUIT AND WIRING
- - - EX. CONDUIT AND WIRING
- △ WIRE NOTE
- CONSTRUCTION NOTE
- ⊕ LIGHT STANDARD AND LUMINAIRE
- ⊕ EX. CITY-OWNED LIGHT STANDARD AND LUMINAIRE
- ⊠ TYPE 1 JUNCTION BOX
- ⊠ EX. TYPE 1 JUNCTION BOX
- ⊠ EX. TYPE 8 JUNCTION BOX
- ⊠ EX. SERVICE CABINET
- ⊕ EX. SIGN AND POST TO BE MAINTAINED

100% DESIGN

DRAFTED: D. MCINTOSH
 DESIGNED: K. DAVIS, P.E.
 REVIEWED: R. PEREZ, P.E.
 APPROVED: R. PEREZ, P.E.

| DRAWING VERSION / REVISION LOG | | |
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STREET LIGHT INFILL

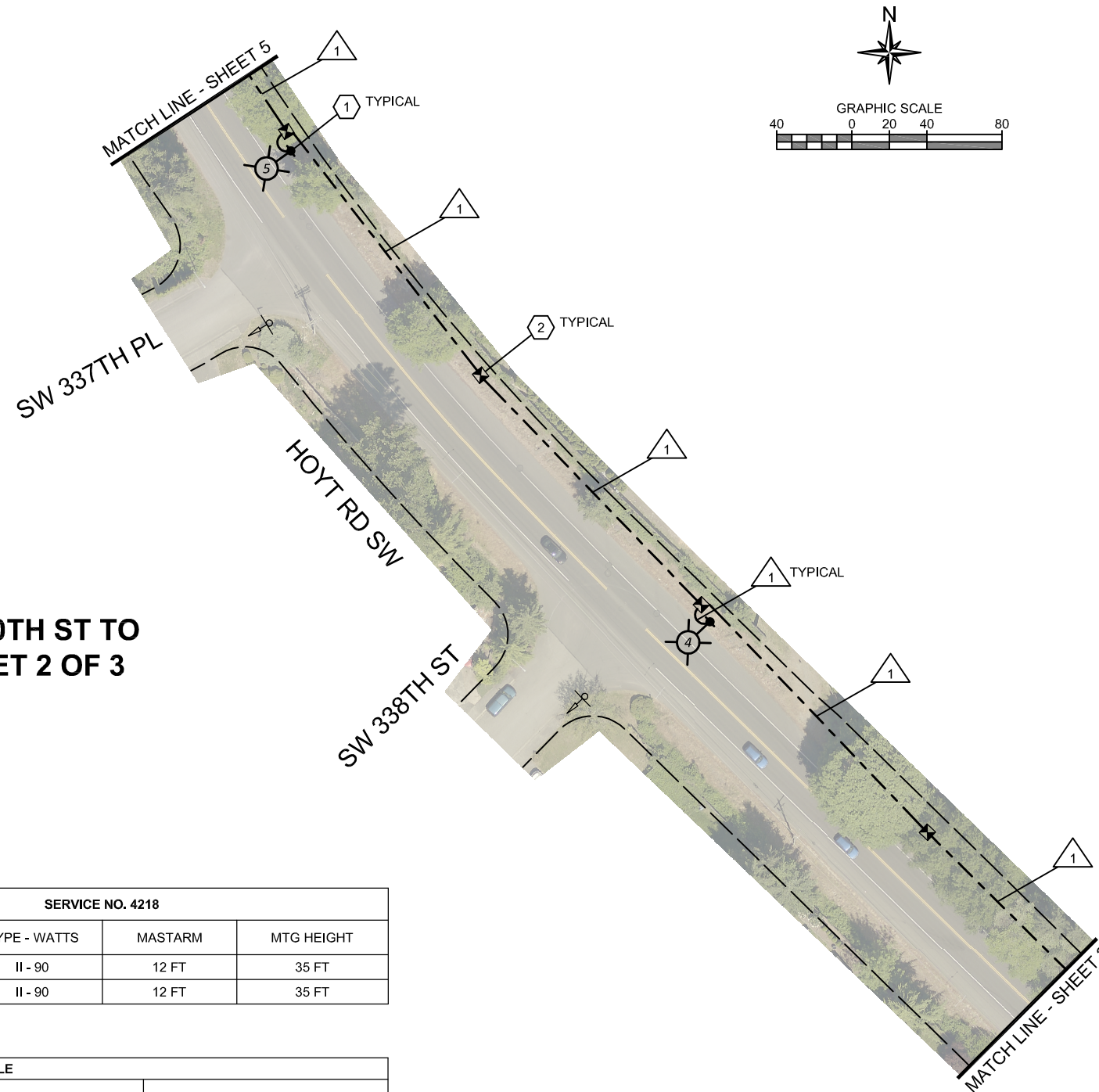
ILLUMINATION SYSTEM - GROUP A

HOYT RD SW - SW 340 ST TO SW 335 PL

CITY PROJECT #: 26775
 SHT. 3
 OF 76

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HOYT RD SW - SW 340TH ST TO SW 335TH PL -- SHEET 2 OF 3



CONSTRUCTION NOTES

- ① INSTALL LIGHT STANDARD FOUNDATION, POLE, DAVIT ARM, AND LUMINAIRE IN APPROXIMATE LOCATION SHOWN (2 LOCATIONS THIS SHEET) AND IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, SPECIAL PROVISIONS, AND THE DETAILS ON SHEETS 60 AND 61.
- ② INSTALL TYPE 1 JUNCTION BOX (REFER TO STANDARD PLAN J-40.10 AND THE DETAILS ON SHEETS 65 AND 66) AT APPROXIMATE LOCATION SHOWN (4 BOXES THIS SHEET). SEE NOTES.

GENERAL NOTES

1. MAINTAIN AND PROTECT EXISTING FEATURES (TREES/ SHRUBS/ VEGETATION, DITCHES, DRIVEWAYS, ETC.) WITHIN PROJECT SITE UNLESS OTHERWISE NOTED.
2. UTILITIES ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO AVOID AND PROTECT EXISTING UTILITIES AND RESOLVE CONFLICTS.
3. ALL LIGHT STANDARDS AND JUNCTION BOXES SHALL BE INSTALLED WITHIN A CONCRETE PAD IN ACCORDANCE WITH THE DETAIL ON SHEET 63.
4. ALL JUNCTION BOXES SHALL INCLUDE THE SYSTEM IDENTIFICATION LETTERS "LT".
5. LIGHT STANDARDS SHALL BE PLACED SUCH THAT THERE IS A MINIMUM OF 6 FT FROM CENTER OF STANDARD TO EDGE LINE OR FACE OF CURB. THE CONTRACTOR SHALL NOT PLACE LIGHT STANDARDS IN FORMAL OR INFORMAL WALKING PATHS. THE CONTRACTOR SHALL NOT IMPEDE SIGHT DISTANCE, SIGN VISIBILITY, OR USPS ACCESS WITH LIGHT STANDARD PLACEMENT.
6. THE LOCATIONS SHOWN OF POLES, JUNCTION BOXES, AND SERVICE CABINETS ARE APPROXIMATE AND SHOWN OVERSIZE. FIELD ADJUSTMENT MAY BE NECESSARY. SEE NOTES. ALL CONSTRUCTION AND ACTIVITIES SHALL BE LOCATED WITHIN CITY OF FEDERAL WAY PROPERTY. RIGHT-OF-WAY LINES SHOWN ARE APPROXIMATE.

| LUMINAIRE SCHEDULE | | | SERVICE NO. 4218 | | |
|--------------------|--------------|-------------------|------------------|---------|------------|
| PLAN NUMBER | ID NUMBER | SERVICE - CIRCUIT | TYPE - WATTS | MASTARM | MTG HEIGHT |
| 4 | 4218-1-SL1-4 | HOYT/340 - 1 | II - 90 | 12 FT | 35 FT |
| 5 | 4218-1-SL1-5 | HOYT/340 - 1 | II - 90 | 12 FT | 35 FT |

| WIRING SCHEDULE | | | | |
|-----------------|---------|---------|--------------|-------------------|
| X | RUN NO. | CONDUIT | WIRE | COMMENTS |
| 1 | | 2" PVC | 2-#8 (ILLUM) | SHALL BE ALUMINUM |

NOTES

1. JUNCTION BOXES FOR HOYT RD SW ARE INTENDED TO HAVE SPACING OF APPROXIMATELY 175 FEET FOR INSTALLATION OF ADDITIONAL LIGHT STANDARDS IN THE FUTURE. THE CONTRACTOR SHALL BEAR THIS IN MIND WHEN PLACING THE JUNCTION BOXES AND ATTEMPT TO ADHERE TO THE SPACING AND PLAN LOCATIONS AS MUCH AS IS PRACTICABLE. THE CONTRACTING AGENCY UNDERSTANDS THAT FIELD CONDITIONS MAY PRECLUDE THIS. ANY JUNCTION BOX SPACING GREATER THAN 250 FEET WILL NEED TO BE COORDINATED AND APPROVED BY THE ENGINEER, PRIOR TO INSTALLATION. IF FEWER JUNCTION BOXES ARE INSTALLED THAN SHOWN IN THE PLANS, THOSE BOXES SHALL BE DELIVERED TO THE KING COUNTY SIGNAL SHOP AT THE CONTRACTOR'S EXPENSE.

LEGEND

- APPROXIMATE RIGHT-OF-WAY
- CONDUIT AND WIRING
- - - EX. CONDUIT AND WIRING
- △ WIRE NOTE
- CONSTRUCTION NOTE
- ⊕ LIGHT STANDARD AND LUMINAIRE
- ⊠ TYPE 1 JUNCTION BOX
- ⊕ EX. SIGN AND POST TO BE MAINTAINED

100% DESIGN

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Centered on Opportunity

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Federal Way, WA 98003-6325

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DESIGNED: K. DAVIS, P.E.
REVIEWED: R. PEREZ, P.E.
APPROVED: R. PEREZ, P.E.



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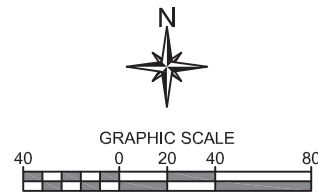
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ILLUMINATION SYSTEM - GROUP A

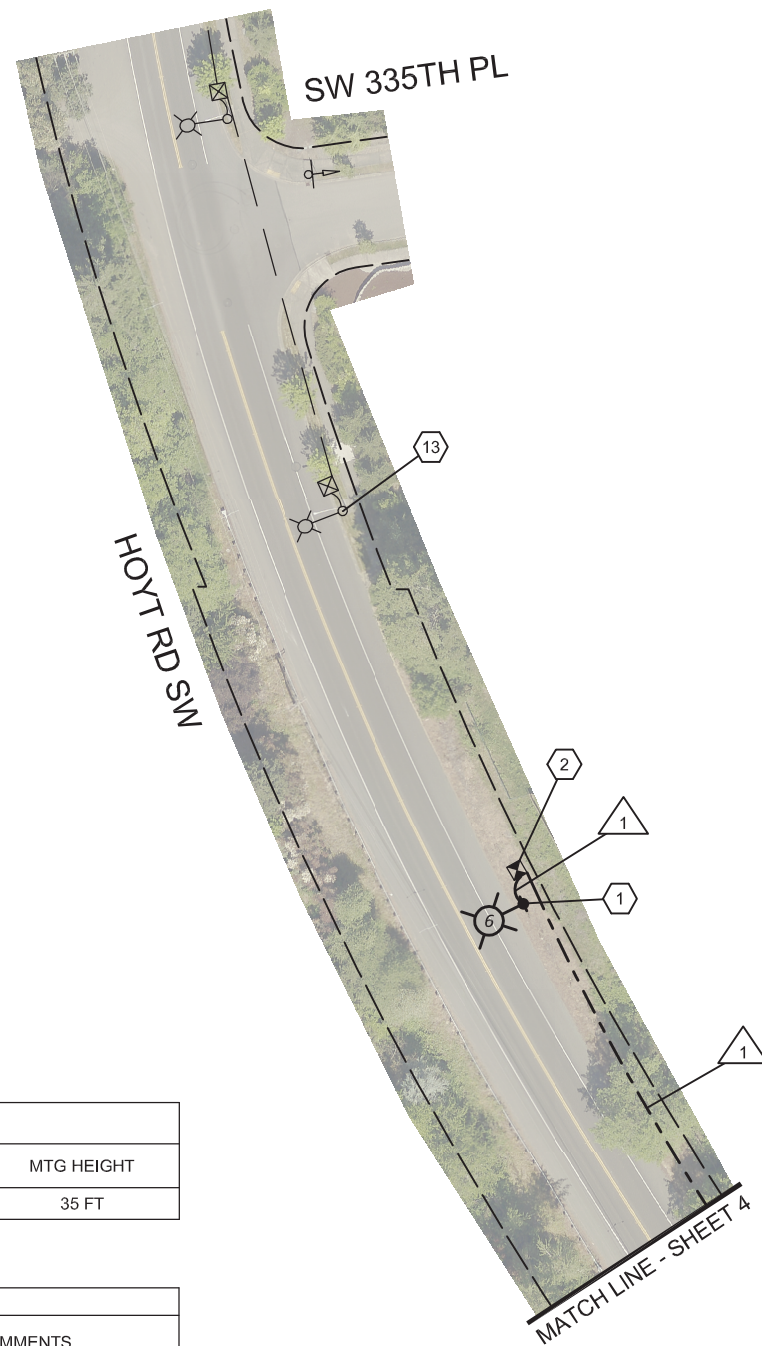
HOYT RD SW - SW 340 ST TO SW 335 PL

CITY PROJECT #:
26775

SHT. **4**
OF **76**



HOYT RD SW - SW 340TH ST TO SW 335TH PL -- SHEET 3 OF 3



- ① INSTALL LIGHT STANDARD FOUNDATION, POLE, DAVIT ARM, AND LUMINAIRE IN APPROXIMATE LOCATION SHOWN (1 LOCATION THIS SHEET) AND IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, SPECIAL PROVISIONS, AND THE DETAILS ON SHEETS 60 AND 61.
- ② INSTALL TYPE 1 JUNCTION BOX (REFER TO STANDARD PLAN J-40.10 AND THE DETAILS ON SHEETS 65 AND 66) AT APPROXIMATE LOCATION SHOWN (1 BOX THIS SHEET). SEE NOTES.
- ⑬ EXISTING ILLUMINATION SYSTEM AT SW 335TH PL IS NOT A PART OF THE PROJECT. SHOWN FOR REFERENCE ONLY.

GENERAL NOTES

1. MAINTAIN AND PROTECT EXISTING FEATURES (TREES/ SHRUBS/ VEGETATION, DITCHES, DRIVEWAYS, ETC.) WITHIN PROJECT SITE UNLESS OTHERWISE NOTED.
2. UTILITIES ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO AVOID AND PROTECT EXISTING UTILITIES AND RESOLVE CONFLICTS.
3. ALL LIGHT STANDARDS AND JUNCTION BOXES SHALL BE INSTALLED WITHIN A CONCRETE PAD IN ACCORDANCE WITH THE DETAIL ON SHEET 63.
4. ALL JUNCTION BOXES SHALL INCLUDE THE SYSTEM IDENTIFICATION LETTERS "LT".
5. LIGHT STANDARDS SHALL BE PLACED SUCH THAT THERE IS A MINIMUM OF 6 FT FROM CENTER OF STANDARD TO EDGE LINE OR FACE OF CURB. THE CONTRACTOR SHALL NOT PLACE LIGHT STANDARDS IN FORMAL OR INFORMAL WALKING PATHS. THE CONTRACTOR SHALL NOT IMPEDE SIGHT DISTANCE, SIGN VISIBILITY, OR USPS ACCESS WITH LIGHT STANDARD PLACEMENT.
6. THE LOCATIONS SHOWN OF POLES, JUNCTION BOXES, AND SERVICE CABINETS ARE APPROXIMATE AND SHOWN OVERSIZE. FIELD ADJUSTMENT MAY BE NECESSARY. SEE NOTES. ALL CONSTRUCTION AND ACTIVITIES SHALL BE LOCATED WITHIN CITY OF FEDERAL WAY PROPERTY. RIGHT-OF-WAY LINES SHOWN ARE APPROXIMATE.

| LUMINAIRE SCHEDULE | | | SERVICE NO. 4218 | | |
|--------------------|--------------|-------------------|------------------|---------|------------|
| PLAN NUMBER | ID NUMBER | SERVICE - CIRCUIT | TYPE - WATTS | MASTARM | MTG HEIGHT |
| 6 | 4218-1-SL1-6 | HOYT/340 - 1 | 11 - 90 | 12 FT | 35 FT |

| WIRING SCHEDULE | | | |
|-----------------|---------|--------------|-------------------|
| RUN NO. | CONDUIT | WIRE | COMMENTS |
| 1 | 2" PVC | 2-#8 (ILLUM) | SHALL BE ALUMINUM |

NOTES

1. JUNCTION BOXES FOR HOYT RD SW ARE INTENDED TO HAVE SPACING OF APPROXIMATELY 175 FEET FOR INSTALLATION OF ADDITIONAL LIGHT STANDARDS IN THE FUTURE. THE CONTRACTOR SHALL BEAR THIS IN MIND WHEN PLACING THE JUNCTION BOXES AND ATTEMPT TO ADHERE TO THE SPACING AND PLAN LOCATIONS AS MUCH AS IS PRACTICABLE. THE CONTRACTING AGENCY UNDERSTANDS THAT FIELD CONDITIONS MAY PRECLUDE THIS. ANY JUNCTION BOX SPACING GREATER THAN 250 FEET WILL NEED TO BE COORDINATED AND APPROVED BY THE ENGINEER, PRIOR TO INSTALLATION. IF FEWER JUNCTION BOXES ARE INSTALLED THAN SHOWN IN THE PLANS, THOSE BOXES SHALL BE DELIVERED TO THE KING COUNTY SIGNAL SHOP AT THE CONTRACTOR'S EXPENSE.

LEGEND

- APPROXIMATE RIGHT-OF-WAY
- CONDUIT AND WIRING
- - - EX. CONDUIT AND WIRING
- △ WIRE NOTE
- CONSTRUCTION NOTE
- ⊕ LIGHT STANDARD AND LUMINAIRE
EX. CITY-OWNED LIGHT STANDARD AND LUMINAIRE
- ⊠ TYPE 1 JUNCTION BOX
- ⊠ EX. TYPE 1 JUNCTION BOX
- ⊕ EX. SIGN AND POST TO BE MAINTAINED

100% DESIGN



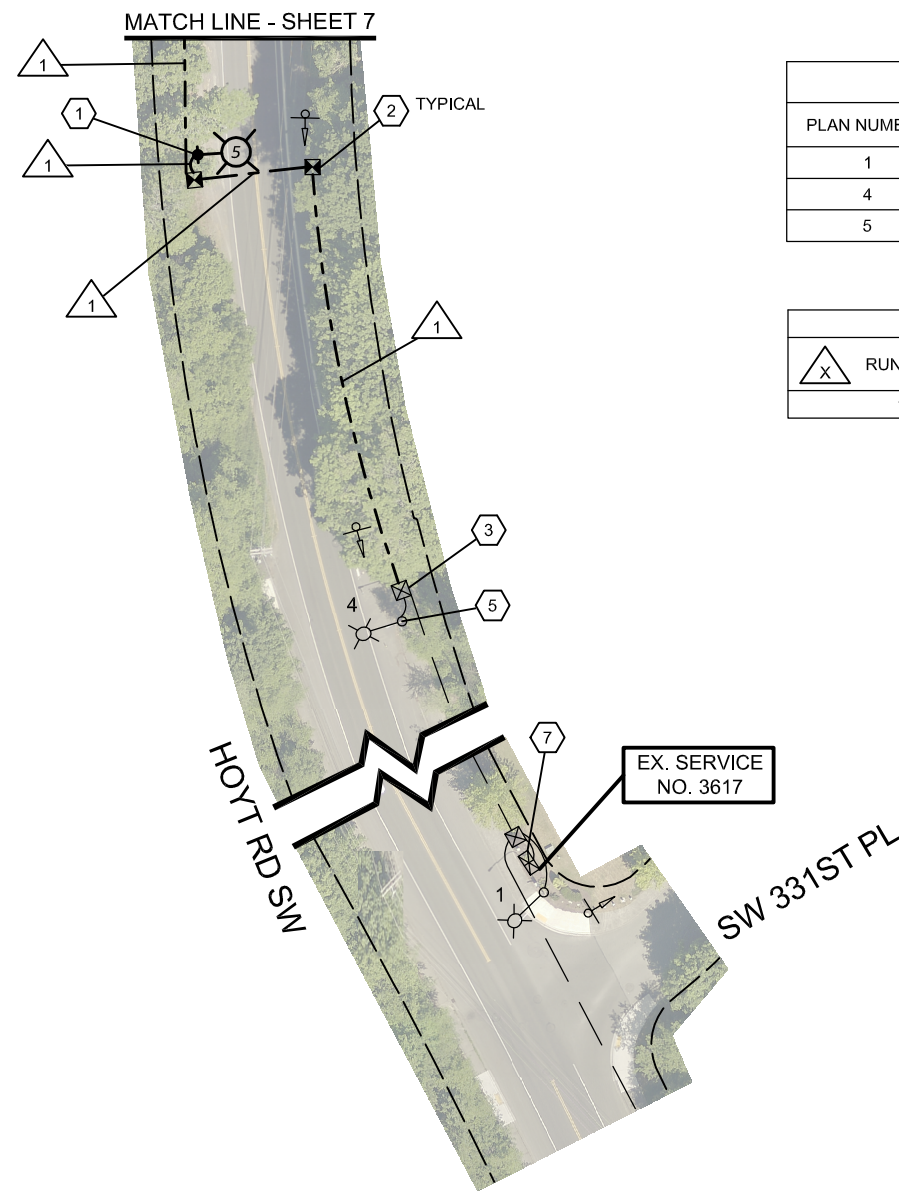
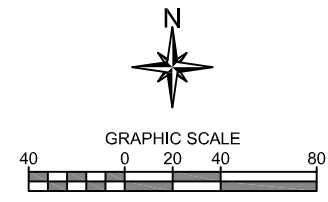
DRAFTED: D. MCINTOSH
DESIGNED: K. DAVIS, P.E.
REVIEWED: R. PEREZ, P.E.
APPROVED: R. PEREZ, P.E.



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STREET LIGHT INFILL
ILLUMINATION SYSTEM - GROUP A
HOYT RD SW - SW 340 ST TO SW 335 PL

CITY PROJECT #: 26775
SHT. 5
OF 76



| LUMINAIRE SCHEDULE | | | | | |
|--------------------|--------------------|-------------------|--------------|---------|------------|
| SERVICE NO. 3617 | | | | | |
| PLAN NUMBER | ID NUMBER | SERVICE - CIRCUIT | TYPE - WATTS | MASTARM | MTG HEIGHT |
| 1 | 3617-1-SLC-1 (EX.) | HOYT/331 - C | EX. | EX. | EX. |
| 4 | 3617-1-SLC-4 (EX.) | HOYT/331 - C | EX. | EX. | EX. |
| 5 | 3617-1-SLC-5 | HOYT/331 - C | II - 90 | 12 FT | 35 FT |

| WIRING SCHEDULE | | | |
|-----------------|---------|--------------|-------------------|
| △ X RUN NO. | CONDUIT | WIRE | COMMENTS |
| 1 | 2" PVC | 2-#8 (ILLUM) | SHALL BE ALUMINUM |

CONSTRUCTION NOTES

- ① INSTALL LIGHT STANDARD FOUNDATION, POLE, DAVIT ARM, AND LUMINAIRE IN APPROXIMATE LOCATION SHOWN (1 LOCATION THIS SHEET) AND IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, SPECIAL PROVISIONS, AND THE DETAILS ON SHEETS 60 AND 61.
- ② INSTALL TYPE 1 JUNCTION BOX (REFER TO STANDARD PLAN J-40.10 AND THE DETAILS ON SHEETS 65 AND 66) AT APPROXIMATE LOCATION SHOWN (2 BOXES THIS SHEET). SEE NOTES.
- ③ INSTALL CONDUIT INTO EXISTING JUNCTION BOX. SPLICE NEW CONDUCTORS TO EXISTING ILLUMINATION CONDUCTORS.
- ⑤ MAINTAIN AND PROTECT EXISTING ILLUMINATION SYSTEM.
- ⑦ EXISTING SERVICE CABINET TO BE USED FOR PROPOSED LIGHT STANDARDS FOR HOYT RD SW - SW 331 ST TO SW 326 ST.

GENERAL NOTES

- 1. MAINTAIN AND PROTECT EXISTING FEATURES (TREES/ SHRUBS/ VEGETATION, DITCHES, DRIVEWAYS, ETC.) WITHIN PROJECT SITE UNLESS OTHERWISE NOTED.
- 2. UTILITIES ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO AVOID AND PROTECT EXISTING UTILITIES AND RESOLVE CONFLICTS.
- 3. ALL LIGHT STANDARDS AND JUNCTION BOXES SHALL BE INSTALLED WITHIN A CONCRETE PAD IN ACCORDANCE WITH THE DETAIL ON SHEET 63.
- 4. ALL JUNCTION BOXES SHALL INCLUDE THE SYSTEM IDENTIFICATION LETTERS "LT".
- 5. LIGHT STANDARDS SHALL BE PLACED SUCH THAT THERE IS A MINIMUM OF 6 FT FROM CENTER OF STANDARD TO EDGE LINE OR FACE OF CURB. THE CONTRACTOR SHALL NOT PLACE LIGHT STANDARDS IN FORMAL OR INFORMAL WALKING PATHS. THE CONTRACTOR SHALL NOT IMPEDE SIGHT DISTANCE, SIGN VISIBILITY, OR USPS ACCESS WITH LIGHT STANDARD PLACEMENT.
- 6. THE LOCATIONS SHOWN OF POLES, JUNCTION BOXES, AND SERVICE CABINETS ARE APPROXIMATE AND SHOWN OVERSIZE. FIELD ADJUSTMENT MAY BE NECESSARY. SEE NOTES. ALL CONSTRUCTION AND ACTIVITIES SHALL BE LOCATED WITHIN CITY OF FEDERAL WAY PROPERTY. RIGHT-OF-WAY LINES SHOWN ARE APPROXIMATE.

HOYT RD SW/47TH AVE SW - SW 331ST ST TO SW 320TH ST -- SHEET 1 OF 6

NOTES

- 1. JUNCTION BOXES FOR HOYT RD SW ARE INTENDED TO HAVE SPACING OF APPROXIMATELY 175 FEET FOR INSTALLATION OF ADDITIONAL LIGHT STANDARDS IN THE FUTURE. THE CONTRACTOR SHALL BEAR THIS IN MIND WHEN PLACING THE JUNCTION BOXES AND ATTEMPT TO ADHERE TO THE SPACING AND PLAN LOCATIONS AS MUCH AS IS PRACTICABLE. THE CONTRACTING AGENCY UNDERSTANDS THAT FIELD CONDITIONS MAY PRECLUDE THIS. ANY JUNCTION BOX SPACING GREATER THAN 250 FEET WILL NEED TO BE COORDINATED AND APPROVED BY THE ENGINEER, PRIOR TO INSTALLATION. IF FEWER JUNCTION BOXES ARE INSTALLED THAN SHOWN IN THE PLANS, THOSE BOXES SHALL BE DELIVERED TO THE KING COUNTY SIGNAL SHOP AT THE CONTRACTOR'S EXPENSE.

LEGEND

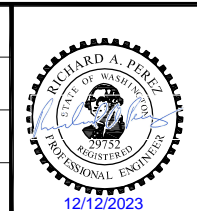
- APPROXIMATE RIGHT-OF-WAY
- CONDUIT AND WIRING
- - - EX. CONDUIT AND WIRING
- △ WIRE NOTE
- CONSTRUCTION NOTE
- ⊙ LIGHT STANDARD AND LUMINAIRE
- ⊙ EX. CITY-OWNED LIGHT STANDARD AND LUMINAIRE
- ⊠ TYPE 1 JUNCTION BOX
- ⊠ EX. TYPE 1 JUNCTION BOX
- ⊠ EX. SERVICE CABINET
- ⊠ EX. SIGN AND POST TO BE MAINTAINED

100% DESIGN

CITY OF Federal Way
Centered on Opportunity
33325 8th Avenue South
Federal Way, WA 98003-6325
(253) 835-2700
www.cityoffederalway.com

811
Know what's below.
Call 811 before you dig.

DRAFTED: D. MCINTOSH
DESIGNED: K. DAVIS, P.E.
REVIEWED: R. PEREZ, P.E.
APPROVED: R. PEREZ, P.E.



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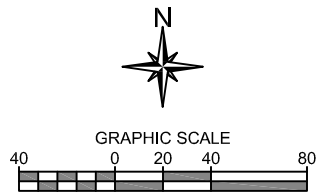
STREET LIGHT INFILL

ILLUMINATION SYSTEM - GROUP A

HOYT RD SW/47 AVE SW - SW 331 ST TO SW 320 ST

CITY PROJECT #: 26775
SHT. 6
OF 76

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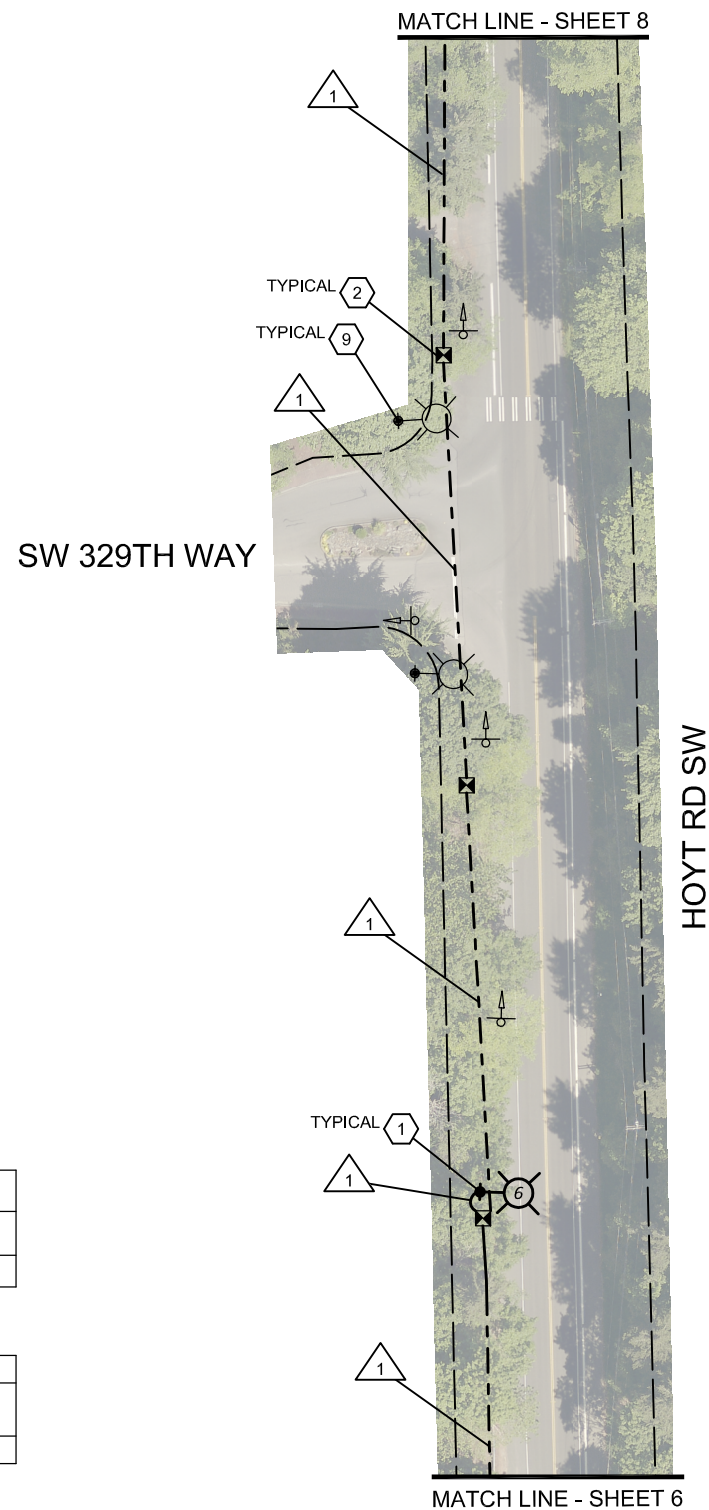
**HOYT RD SW/47TH AVE SW - SW 331ST
ST TO SW 320TH ST -- SHEET 2 OF 6**

| LUMINAIRE SCHEDULE | | | SERVICE NO. 3617 | | |
|--------------------|--------------|-------------------|------------------|---------|------------|
| PLAN NUMBER | ID NUMBER | SERVICE - CIRCUIT | TYPE - WATTS | MASTARM | MTG HEIGHT |
| 6 | 3617-1-SLC-6 | HOYT/331 - C | II - 90 | 12 FT | 35 FT |

| WIRING SCHEDULE | | | |
|-----------------|---------|--------------|-------------------|
| RUN NO. | CONDUIT | WIRE | COMMENTS |
| 1 | 2" PVC | 2-#8 (ILLUM) | SHALL BE ALUMINUM |

NOTES

- JUNCTION BOXES FOR HOYT RD SW ARE INTENDED TO HAVE SPACING OF APPROXIMATELY 175 FEET FOR INSTALLATION OF ADDITIONAL LIGHT STANDARDS IN THE FUTURE. THE CONTRACTOR SHALL BEAR THIS IN MIND WHEN PLACING THE JUNCTION BOXES AND ATTEMPT TO ADHERE TO THE SPACING AND PLAN LOCATIONS AS MUCH AS IS PRACTICABLE. THE CONTRACTING AGENCY UNDERSTANDS THAT FIELD CONDITIONS MAY PRECLUDE THIS. ANY JUNCTION BOX SPACING GREATER THAN 250 FEET WILL NEED TO BE COORDINATED AND APPROVED BY THE ENGINEER, PRIOR TO INSTALLATION. IF FEWER JUNCTION BOXES ARE INSTALLED THAN SHOWN IN THE PLANS, THOSE BOXES SHALL BE DELIVERED TO THE KING COUNTY SIGNAL SHOP AT THE CONTRACTOR'S EXPENSE.



CONSTRUCTION NOTES

- INSTALL LIGHT STANDARD FOUNDATION, POLE, DAVIT ARM, AND LUMINAIRE IN APPROXIMATE LOCATION SHOWN (1 LOCATION THIS SHEET) AND IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, SPECIAL PROVISIONS, AND THE DETAILS ON SHEETS 60 AND 61.
- INSTALL TYPE 1 JUNCTION BOX (REFER TO STANDARD PLAN J-40.10 AND THE DETAILS ON SHEETS 65 AND 66) AT APPROXIMATE LOCATION SHOWN (3 BOXES THIS SHEET). SEE NOTES.
- EXISTING PSE LUMINAIRE MOUNTED ON PSE POLE (2 LOCATIONS THIS SHEET).

GENERAL NOTES

- MAINTAIN AND PROTECT EXISTING FEATURES (TREES/ SHRUBS/ VEGETATION, DITCHES, DRIVEWAYS, ETC.) WITHIN PROJECT SITE UNLESS OTHERWISE NOTED.
- UTILITIES ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO AVOID AND PROTECT EXISTING UTILITIES AND RESOLVE CONFLICTS.
- ALL LIGHT STANDARDS AND JUNCTION BOXES SHALL BE INSTALLED WITHIN A CONCRETE PAD IN ACCORDANCE WITH THE DETAIL ON SHEET 63.
- ALL JUNCTION BOXES SHALL INCLUDE THE SYSTEM IDENTIFICATION LETTERS "LT".
- LIGHT STANDARDS SHALL BE PLACED SUCH THAT THERE IS A MINIMUM OF 6 FT FROM CENTER OF STANDARD TO EDGE LINE OR FACE OF CURB. THE CONTRACTOR SHALL NOT PLACE LIGHT STANDARDS IN FORMAL OR INFORMAL WALKING PATHS. THE CONTRACTOR SHALL NOT IMPEDE SIGHT DISTANCE, SIGN VISIBILITY, OR USPS ACCESS WITH LIGHT STANDARD PLACEMENT.
- THE LOCATIONS SHOWN OF POLES, JUNCTION BOXES, AND SERVICE CABINETS ARE APPROXIMATE AND SHOWN OVERSIZE. FIELD ADJUSTMENT MAY BE NECESSARY. SEE NOTES. ALL CONSTRUCTION AND ACTIVITIES SHALL BE LOCATED WITHIN CITY OF FEDERAL WAY PROPERTY. RIGHT-OF-WAY LINES SHOWN ARE APPROXIMATE.

LEGEND

- APPROXIMATE RIGHT-OF-WAY
- - - CONDUIT AND WIRING
- WIRE NOTE
- CONSTRUCTION NOTE
- LIGHT STANDARD AND LUMINAIRE
- EX. PSE LUMINAIRE AND POLE
- TYPE 1 JUNCTION BOX
- EX. SIGN AND POST TO BE MAINTAINED

100% DESIGN



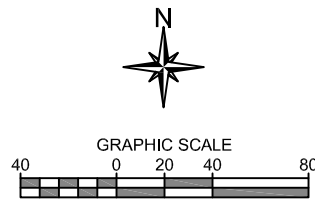
DRAFTED: D. MCINTOSH
DESIGNED: K. DAVIS, P.E.
REVIEWED: R. PEREZ, P.E.
APPROVED: R. PEREZ, P.E.



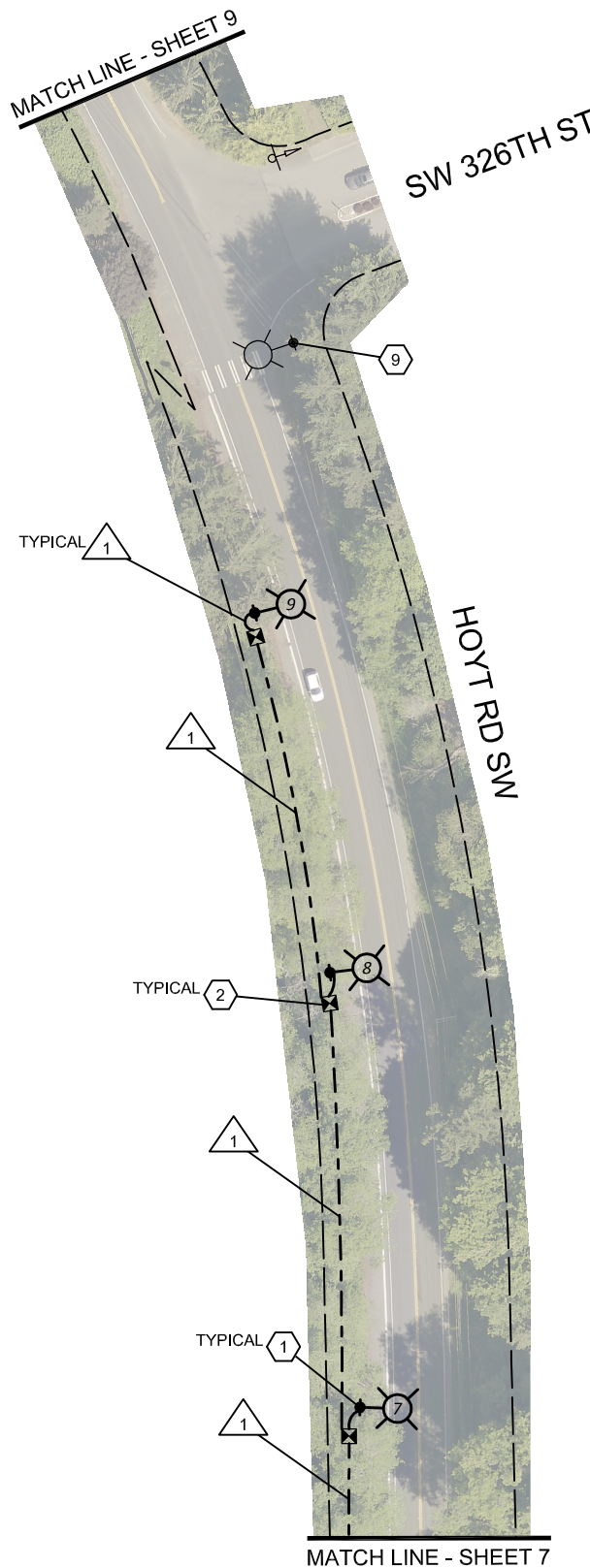
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STREET LIGHT INFILL
ILLUMINATION SYSTEM - GROUP A
HOYT RD SW/47 AVE SW - SW 331 ST TO SW 320 ST

CITY PROJECT #:
26775
SHT. **7**
OF **76**



HOYT RD SW/47TH AVE SW - SW 331ST ST TO SW 320TH ST -- SHEET 3 OF 6



CONSTRUCTION NOTES

- ① INSTALL LIGHT STANDARD FOUNDATION, POLE, DAVIT ARM, AND LUMINAIRE IN APPROXIMATE LOCATION SHOWN (3 LOCATIONS THIS SHEET) AND IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, SPECIAL PROVISIONS, AND THE DETAILS ON SHEETS 60 AND 61.
- ② INSTALL TYPE 1 JUNCTION BOX (REFER TO STANDARD PLAN J-40.10 AND THE DETAILS ON SHEETS 65 AND 66) AT APPROXIMATE LOCATION SHOWN (3 BOXES THIS SHEET). SEE NOTES.
- ⑨ EXISTING PSE LUMINAIRE MOUNTED ON PSE POLE (1 LOCATION THIS SHEET).

GENERAL NOTES

- 1. MAINTAIN AND PROTECT EXISTING FEATURES (TREES/ SHRUBS/ VEGETATION, DITCHES, DRIVEWAYS, ETC.) WITHIN PROJECT SITE UNLESS OTHERWISE NOTED.
- 2. UTILITIES ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO AVOID AND PROTECT EXISTING UTILITIES AND RESOLVE CONFLICTS.
- 3. ALL LIGHT STANDARDS AND JUNCTION BOXES SHALL BE INSTALLED WITHIN A CONCRETE PAD IN ACCORDANCE WITH THE DETAIL ON SHEET 63.
- 4. ALL JUNCTION BOXES SHALL INCLUDE THE SYSTEM IDENTIFICATION LETTERS "LT".
- 5. LIGHT STANDARDS SHALL BE PLACED SUCH THAT THERE IS A MINIMUM OF 6 FT FROM CENTER OF STANDARD TO EDGE LINE OR FACE OF CURB. THE CONTRACTOR SHALL NOT PLACE LIGHT STANDARDS IN FORMAL OR INFORMAL WALKING PATHS. THE CONTRACTOR SHALL NOT IMPEDE SIGHT DISTANCE, SIGN VISIBILITY, OR USPS ACCESS WITH LIGHT STANDARD PLACEMENT.
- 6. THE LOCATIONS SHOWN OF POLES, JUNCTION BOXES, AND SERVICE CABINETS ARE APPROXIMATE AND SHOWN OVERSIZE. FIELD ADJUSTMENT MAY BE NECESSARY. SEE NOTES. ALL CONSTRUCTION AND ACTIVITIES SHALL BE LOCATED WITHIN CITY OF FEDERAL WAY PROPERTY. RIGHT-OF-WAY LINES SHOWN ARE APPROXIMATE.

| LUMINAIRE SCHEDULE | | | SERVICE NO. 3617 | | |
|--------------------|--------------|-------------------|------------------|---------|------------|
| PLAN NUMBER | ID NUMBER | SERVICE - CIRCUIT | TYPE - WATTS | MASTARM | MTG HEIGHT |
| 7 | 3617-1-SLC-7 | HOYT/331 - C | II - 90 | 12 FT | 35 FT |
| 8 | 3617-1-SLC-8 | HOYT/331 - C | II - 90 | 12 FT | 35 FT |
| 9 | 3617-1-SLC-9 | HOYT/331 - C | II - 90 | 12 FT | 35 FT |

| WIRING SCHEDULE | | | | |
|-----------------|---------|---------|--------------|-------------------|
| X | RUN NO. | CONDUIT | WIRE | COMMENTS |
| | 1 | 2" PVC | 2-#8 (ILLUM) | SHALL BE ALUMINUM |

NOTES

- 1. JUNCTION BOXES FOR HOYT RD SW ARE INTENDED TO HAVE SPACING OF APPROXIMATELY 175 FEET FOR INSTALLATION OF ADDITIONAL LIGHT STANDARDS IN THE FUTURE. THE CONTRACTOR SHALL BEAR THIS IN MIND WHEN PLACING THE JUNCTION BOXES AND ATTEMPT TO ADHERE TO THE SPACING AND PLAN LOCATIONS AS MUCH AS IS PRACTICABLE. THE CONTRACTING AGENCY UNDERSTANDS THAT FIELD CONDITIONS MAY PRECLUDE THIS. ANY JUNCTION BOX SPACING GREATER THAN 250 FEET WILL NEED TO BE COORDINATED AND APPROVED BY THE ENGINEER, PRIOR TO INSTALLATION. IF FEWER JUNCTION BOXES ARE INSTALLED THAN SHOWN IN THE PLANS, THOSE BOXES SHALL BE DELIVERED TO THE KING COUNTY SIGNAL SHOP AT THE CONTRACTOR'S EXPENSE.

| LEGEND | |
|--------|------------------------------------|
| --- | APPROXIMATE RIGHT-OF-WAY |
| --- | CONDUIT AND WIRING |
| △ | WIRE NOTE |
| ⑥ | CONSTRUCTION NOTE |
| ⊕ | LIGHT STANDARD AND LUMINAIRE |
| ⊕ | EX. PSE LUMINAIRE AND POLE |
| ⊠ | TYPE 1 JUNCTION BOX |
| ⊕ | EX. SIGN AND POST TO BE MAINTAINED |

100% DESIGN



DRAFTED: D. MCINTOSH
 DESIGNED: K. DAVIS, P.E.
 REVIEWED: R. PEREZ, P.E.
 APPROVED: R. PEREZ, P.E.



| DRAWING VERSION / REVISION LOG | | |
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| NO. | DATE | REVISION |
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STREET LIGHT INFILL
ILLUMINATION SYSTEM - GROUP A
HOYT RD SW/47 AVE SW - SW 331 ST TO SW 320 ST

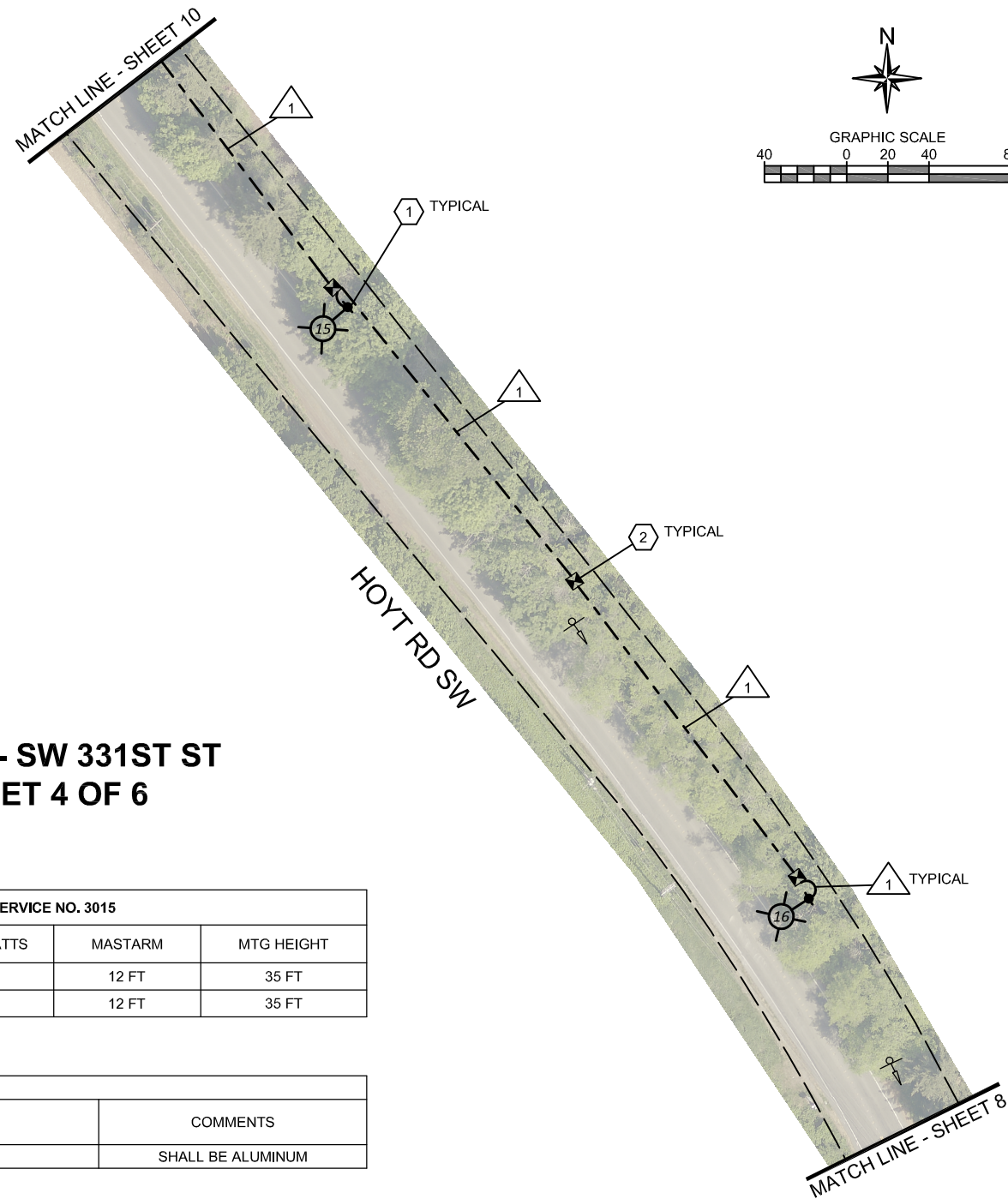
CITY PROJECT #:
26775
 SHT. **8**
 OF **76**

CONSTRUCTION NOTES

- ① INSTALL LIGHT STANDARD FOUNDATION, POLE, DAVIT ARM, AND LUMINAIRE IN APPROXIMATE LOCATION SHOWN (2 LOCATIONS THIS SHEET) AND IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, SPECIAL PROVISIONS, AND THE DETAILS ON SHEETS 60 AND 61.
- ② INSTALL TYPE 1 JUNCTION BOX (REFER TO STANDARD PLAN J-40.10 AND THE DETAILS ON SHEETS 65 AND 66) AT APPROXIMATE LOCATION SHOWN (3 BOXES THIS SHEET). SEE NOTES.

GENERAL NOTES

- 1. MAINTAIN AND PROTECT EXISTING FEATURES (TREES/ SHRUBS/ VEGETATION, DITCHES, DRIVEWAYS, ETC.) WITHIN PROJECT SITE UNLESS OTHERWISE NOTED.
- 2. UTILITIES ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO AVOID AND PROTECT EXISTING UTILITIES AND RESOLVE CONFLICTS.
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- 5. LIGHT STANDARDS SHALL BE PLACED SUCH THAT THERE IS A MINIMUM OF 6 FT FROM CENTER OF STANDARD TO EDGE LINE OR FACE OF CURB. THE CONTRACTOR SHALL NOT PLACE LIGHT STANDARDS IN FORMAL OR INFORMAL WALKING PATHS. THE CONTRACTOR SHALL NOT IMPEDE SIGHT DISTANCE, SIGN VISIBILITY, OR USPS ACCESS WITH LIGHT STANDARD PLACEMENT.
- 6. THE LOCATIONS SHOWN OF POLES, JUNCTION BOXES, AND SERVICE CABINETS ARE APPROXIMATE AND SHOWN OVERSIZE. FIELD ADJUSTMENT MAY BE NECESSARY. SEE NOTES. ALL CONSTRUCTION AND ACTIVITIES SHALL BE LOCATED WITHIN CITY OF FEDERAL WAY PROPERTY. RIGHT-OF-WAY LINES SHOWN ARE APPROXIMATE.



HOYT RD SW/47TH AVE SW - SW 331ST ST TO SW 320TH ST -- SHEET 4 OF 6

| LUMINAIRE SCHEDULE | | SERVICE NO. 3015 | | | |
|--------------------|---------------|-------------------|--------------|---------|------------|
| PLAN NUMBER | ID NUMBER | SERVICE - CIRCUIT | TYPE - WATTS | MASTARM | MTG HEIGHT |
| 15 | 3015-1-SL1-15 | 42/320 - 1 | II - 90 | 12 FT | 35 FT |
| 16 | 3015-1-SL1-16 | 42/320 - 1 | II - 90 | 12 FT | 35 FT |

| WIRING SCHEDULE | | | |
|-----------------|---------|--------------|-------------------|
| △ X RUN NO. | CONDUIT | WIRE | COMMENTS |
| 1 | 2" PVC | 2-#8 (ILLUM) | SHALL BE ALUMINUM |

NOTES

- 1. JUNCTION BOXES FOR HOYT RD SW ARE INTENDED TO HAVE SPACING OF APPROXIMATELY 175 FEET FOR INSTALLATION OF ADDITIONAL LIGHT STANDARDS IN THE FUTURE. THE CONTRACTOR SHALL BEAR THIS IN MIND WHEN PLACING THE JUNCTION BOXES AND ATTEMPT TO ADHERE TO THE SPACING AND PLAN LOCATIONS AS MUCH AS IS PRACTICABLE. THE CONTRACTING AGENCY UNDERSTANDS THAT FIELD CONDITIONS MAY PRECLUDE THIS. ANY JUNCTION BOX SPACING GREATER THAN 250 FEET WILL NEED TO BE COORDINATED AND APPROVED BY THE ENGINEER, PRIOR TO INSTALLATION. IF FEWER JUNCTION BOXES ARE INSTALLED THAN SHOWN IN THE PLANS, THOSE BOXES SHALL BE DELIVERED TO THE KING COUNTY SIGNAL SHOP AT THE CONTRACTOR'S EXPENSE.

LEGEND

- APPROXIMATE RIGHT-OF-WAY
- CONDUIT AND WIRING
- △ WIRE NOTE
- ② CONSTRUCTION NOTE
- ⊕ LIGHT STANDARD AND LUMINAIRE
- ⊠ TYPE 1 JUNCTION BOX
- ⊕ EX. SIGN AND POST TO BE MAINTAINED

100% DESIGN



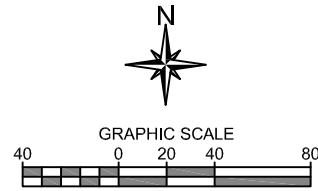
DRAFTED: D. MCINTOSH
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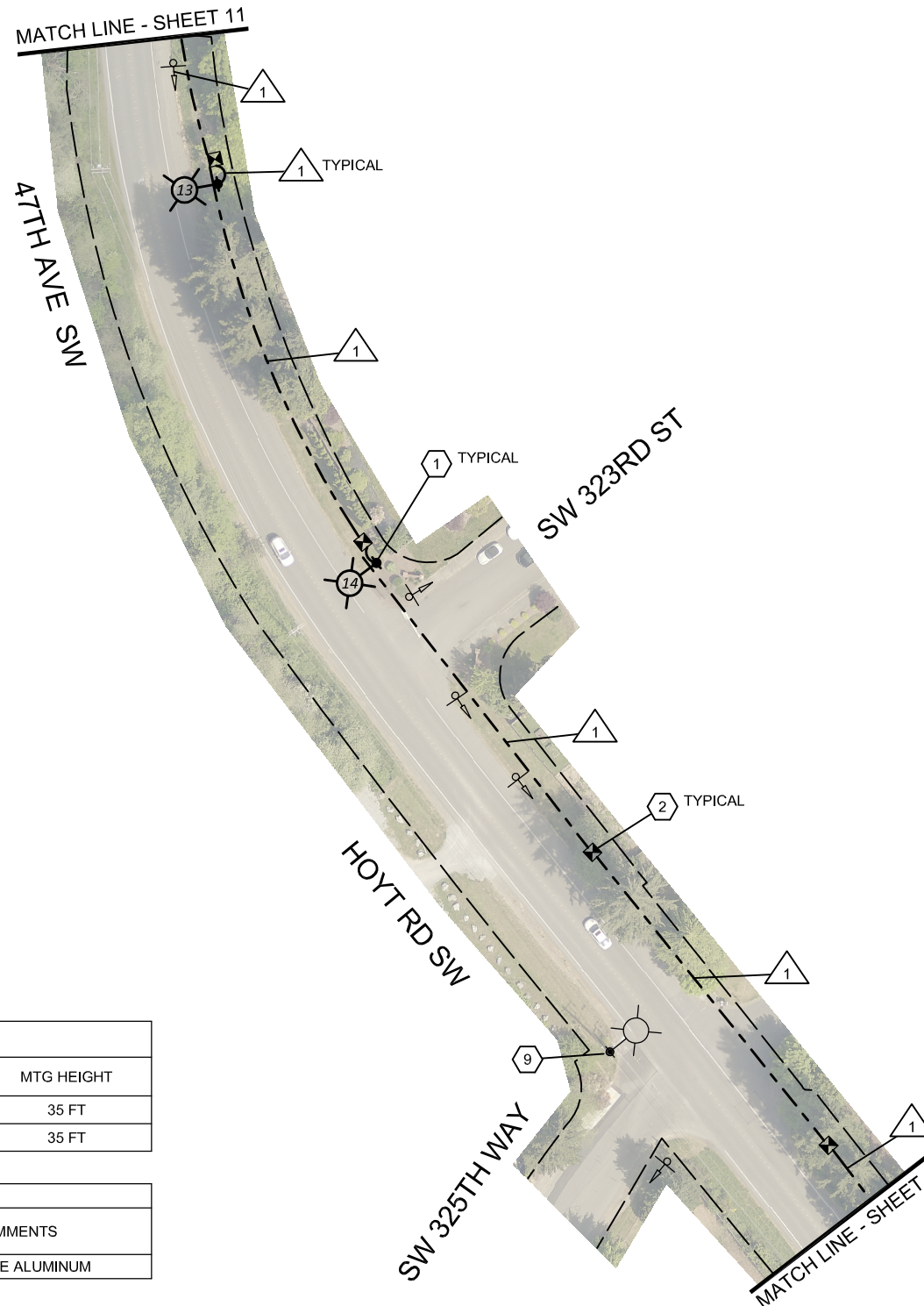
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STREET LIGHT INFILL
ILLUMINATION SYSTEM - GROUP A
HOYT RD SW/47 AVE SW - SW 331 ST TO SW 320 ST

CITY PROJECT #: 26775
 SHT. 9
 OF 76



HOYT RD SW/47TH AVE SW - SW 331ST ST TO SW 320TH ST -- SHEET 5 OF 6



CONSTRUCTION NOTES

- ① INSTALL LIGHT STANDARD FOUNDATION, POLE, DAVIT ARM, AND LUMINAIRE IN APPROXIMATE LOCATION SHOWN (2 LOCATIONS THIS SHEET) AND IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, SPECIAL PROVISIONS, AND THE DETAILS ON SHEETS 60 AND 61.
- ② INSTALL TYPE 1 JUNCTION BOX (REFER TO STANDARD PLAN J-40.10 AND THE DETAILS ON SHEETS 65 AND 66) AT APPROXIMATE LOCATION SHOWN (4 BOXES THIS SHEET). SEE NOTES.
- ⑨ EXISTING PSE LUMINAIRE MOUNTED ON PSE POLE (1 LOCATION THIS SHEET).

GENERAL NOTES

1. MAINTAIN AND PROTECT EXISTING FEATURES (TREES/ SHRUBS/ VEGETATION, DITCHES, DRIVEWAYS, ETC.) WITHIN PROJECT SITE UNLESS OTHERWISE NOTED.
2. UTILITIES ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO AVOID AND PROTECT EXISTING UTILITIES AND RESOLVE CONFLICTS.
3. ALL LIGHT STANDARDS AND JUNCTION BOXES SHALL BE INSTALLED WITHIN A CONCRETE PAD IN ACCORDANCE WITH THE DETAIL ON SHEET 63.
4. ALL JUNCTION BOXES SHALL INCLUDE THE SYSTEM IDENTIFICATION LETTERS "LT".
5. LIGHT STANDARDS SHALL BE PLACED SUCH THAT THERE IS A MINIMUM OF 6 FT FROM CENTER OF STANDARD TO EDGE LINE OR FACE OF CURB. THE CONTRACTOR SHALL NOT PLACE LIGHT STANDARDS IN FORMAL OR INFORMAL WALKING PATHS. THE CONTRACTOR SHALL NOT IMPEDE SIGHT DISTANCE, SIGN VISIBILITY, OR USPS ACCESS WITH LIGHT STANDARD PLACEMENT.
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| LUMINAIRE SCHEDULE | | | SERVICE NO. 3015 | | |
|--------------------|---------------|-------------------|------------------|---------|------------|
| PLAN NUMBER | ID NUMBER | SERVICE - CIRCUIT | TYPE - WATTS | MASTARM | MTG HEIGHT |
| 13 | 3015-1-SL1-13 | 42/320 - 1 | II - 90 | 12 FT | 35 FT |
| 14 | 3015-1-SL1-14 | 42/320 - 1 | II - 90 | 12 FT | 35 FT |

| WIRING SCHEDULE | | | |
|-----------------|---------|--------------|-------------------|
| △ X RUN NO. | CONDUIT | WIRE | COMMENTS |
| 1 | 2" PVC | 2-#8 (ILLUM) | SHALL BE ALUMINUM |

NOTES

1. JUNCTION BOXES FOR HOYT RD SW ARE INTENDED TO HAVE SPACING OF APPROXIMATELY 175 FEET FOR INSTALLATION OF ADDITIONAL LIGHT STANDARDS IN THE FUTURE. THE CONTRACTOR SHALL BEAR THIS IN MIND WHEN PLACING THE JUNCTION BOXES AND ATTEMPT TO ADHERE TO THE SPACING AND PLAN LOCATIONS AS MUCH AS IS PRACTICABLE. THE CONTRACTING AGENCY UNDERSTANDS THAT FIELD CONDITIONS MAY PRECLUDE THIS. ANY JUNCTION BOX SPACING GREATER THAN 250 FEET WILL NEED TO BE COORDINATED AND APPROVED BY THE ENGINEER, PRIOR TO INSTALLATION. IF FEWER JUNCTION BOXES ARE INSTALLED THAN SHOWN IN THE PLANS, THOSE BOXES SHALL BE DELIVERED TO THE KING COUNTY SIGNAL SHOP AT THE CONTRACTOR'S EXPENSE.

LEGEND

- APPROXIMATE RIGHT-OF-WAY
- ⊠ TYPE 1 JUNCTION BOX
- - - CONDUIT AND WIRING
- ⊕ EX. SIGN AND POST TO BE MAINTAINED
- △ WIRE NOTE
- CONSTRUCTION NOTE
- ⊕ LIGHT STANDARD AND LUMINAIRE
- ⊕ EX. PSE LUMINAIRE AND POLE

100% DESIGN



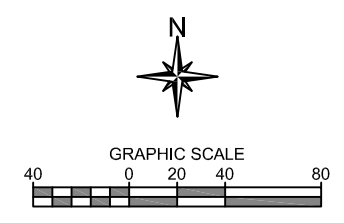
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| DRAWING VERSION / REVISION LOG | | |
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STREET LIGHT INFILL
ILLUMINATION SYSTEM - GROUP A
HOYT RD SW/47 AVE SW - SW 331 ST TO SW 320 ST

CITY PROJECT #:
26775
 SHT. 10
 OF 76



MATCH LINE - THIS SHEET

47TH AVE SW

MATCH LINE - SHEET 10

47TH AVE SW

MATCH LINE - THIS SHEET

SW 320TH ST

43RD PL SW

42ND PL SW

HOYT RD SW/47TH AVE SW - SW 331ST ST TO SW 320TH ST -- SHEET 6 OF 6

| LUMINAIRE SCHEDULE | | SERVICE NO. 3015 | | | |
|--------------------|--------------------|-------------------|--------------|---------|------------|
| PLAN NUMBER | ID NUMBER | SERVICE - CIRCUIT | TYPE - WATTS | MASTARM | MTG HEIGHT |
| 1 | 3015-1-SL1-1 (EX.) | 42/320 - 1 | EX. | EX. | EX. |
| 2 | 3015-1-SL1-2 (EX.) | 42/320 - 1 | EX. | EX. | EX. |
| 8 | 3015-1-SL1-8 (EX.) | 42/320 - 1 | EX. | EX. | EX. |
| 9 | 3015-1-SL1-9 (EX.) | 42/320 - 1 | EX. | EX. | EX. |
| 10 | 3015-1-SL1-10 | 42/320 - 1 | II - 90 | 12 FT | 35 FT |
| 11 | 3015-1-SL1-11 | 42/320 - 1 | II - 90 | 12 FT | 35 FT |
| 12 | 3015-1-SL1-12 | 42/320 - 1 | II - 90 | 12 FT | 35 FT |

| WIRING SCHEDULE | | | |
|-----------------|---------|--------------|-------------------|
| X RUN NO. | CONDUIT | WIRE | COMMENTS |
| 1 | 2" PVC | 2-#8 (ILLUM) | SHALL BE ALUMINUM |

CONSTRUCTION NOTES

- INSTALL LIGHT STANDARD FOUNDATION, POLE, DAVIT ARM, AND LUMINAIRE IN APPROXIMATE LOCATION SHOWN (3 LOCATIONS THIS SHEET) AND IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, SPECIAL PROVISIONS, AND THE DETAILS ON SHEETS 60 AND 61.
- INSTALL TYPE 1 JUNCTION BOX (REFER TO STANDARD PLAN J-40.10 AND THE DETAILS ON SHEETS 65 AND 66) AT APPROXIMATE LOCATION SHOWN (3 BOXES THIS SHEET). SEE NOTES.
- INSTALL CONDUIT INTO EXISTING JUNCTION BOX. SPLICE NEW CONDUCTORS TO EXISTING ILLUMINATION CONDUCTORS.
- MAINTAIN AND PROTECT EXISTING ILLUMINATION SYSTEM.
- EXISTING POLE-MOUNTED SERVICE CABINET TO BE USED FOR PROPOSED LIGHT STANDARDS FOR HOYT RD SW/47TH AVE SW - SW 326 ST TO SW 320 ST.

GENERAL NOTES

- MAINTAIN AND PROTECT EXISTING FEATURES (TREES/ SHRUBS/ VEGETATION, DITCHES, DRIVEWAYS, ETC.) WITHIN PROJECT SITE UNLESS OTHERWISE NOTED.
- UTILITIES ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO AVOID AND PROTECT EXISTING UTILITIES AND RESOLVE CONFLICTS.
- ALL LIGHT STANDARDS AND JUNCTION BOXES SHALL BE INSTALLED WITHIN A CONCRETE PAD IN ACCORDANCE WITH THE DETAIL ON SHEET 63.
- ALL JUNCTION BOXES SHALL INCLUDE THE SYSTEM IDENTIFICATION LETTERS "LT".
- LIGHT STANDARDS SHALL BE PLACED SUCH THAT THERE IS A MINIMUM OF 6 FT FROM CENTER OF STANDARD TO EDGE LINE OR FACE OF CURB. THE CONTRACTOR SHALL NOT PLACE LIGHT STANDARDS IN FORMAL OR INFORMAL WALKING PATHS. THE CONTRACTOR SHALL NOT IMPEDE SIGHT DISTANCE, SIGN VISIBILITY, OR USPS ACCESS WITH LIGHT STANDARD PLACEMENT.
- THE LOCATIONS SHOWN OF POLES, JUNCTION BOXES, AND SERVICE CABINETS ARE APPROXIMATE AND SHOWN OVERSIZE. FIELD ADJUSTMENT MAY BE NECESSARY. SEE NOTES. ALL CONSTRUCTION AND ACTIVITIES SHALL BE LOCATED WITHIN CITY OF FEDERAL WAY PROPERTY. RIGHT-OF-WAY LINES SHOWN ARE APPROXIMATE.

NOTES

- JUNCTION BOXES FOR HOYT RD SW ARE INTENDED TO HAVE SPACING OF APPROXIMATELY 175 FEET FOR INSTALLATION OF ADDITIONAL LIGHT STANDARDS IN THE FUTURE. THE CONTRACTOR SHALL BEAR THIS IN MIND WHEN PLACING THE JUNCTION BOXES AND ATTEMPT TO ADHERE TO THE SPACING AND PLAN LOCATIONS AS MUCH AS IS PRACTICABLE. THE CONTRACTING AGENCY UNDERSTANDS THAT FIELD CONDITIONS MAY PRECLUDE THIS. ANY JUNCTION BOX SPACING GREATER THAN 250 FEET WILL NEED TO BE COORDINATED AND APPROVED BY THE ENGINEER, PRIOR TO INSTALLATION. IF FEWER JUNCTION BOXES ARE INSTALLED THAN SHOWN IN THE PLANS, THOSE BOXES SHALL BE DELIVERED TO THE KING COUNTY SIGNAL SHOP AT THE CONTRACTOR'S EXPENSE.

LEGEND

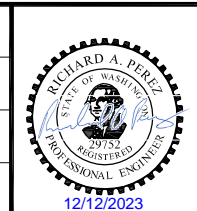
- APPROXIMATE RIGHT-OF-WAY
- CONDUIT AND WIRING
- - - EX. CONDUIT AND WIRING
- △ WIRE NOTE
- CONSTRUCTION NOTE
- ⊕ LIGHT STANDARD AND LUMINAIRE
- ⊕ EX. CITY-OWNED LIGHT STANDARD AND LUMINAIRE
- ⊕ EX. POLE-MOUNT SERVICE CABINET
- ⊠ TYPE 1 JUNCTION BOX
- ⊠ EX. TYPE 1 JUNCTION BOX
- ⊠ EX. TYPE 2 JUNCTION BOX
- ⊕ EX. SIGN AND POST TO BE MAINTAINED

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DESIGNED: K. DAVIS, P.E.
REVIEWED: R. PEREZ, P.E.
APPROVED: R. PEREZ, P.E.

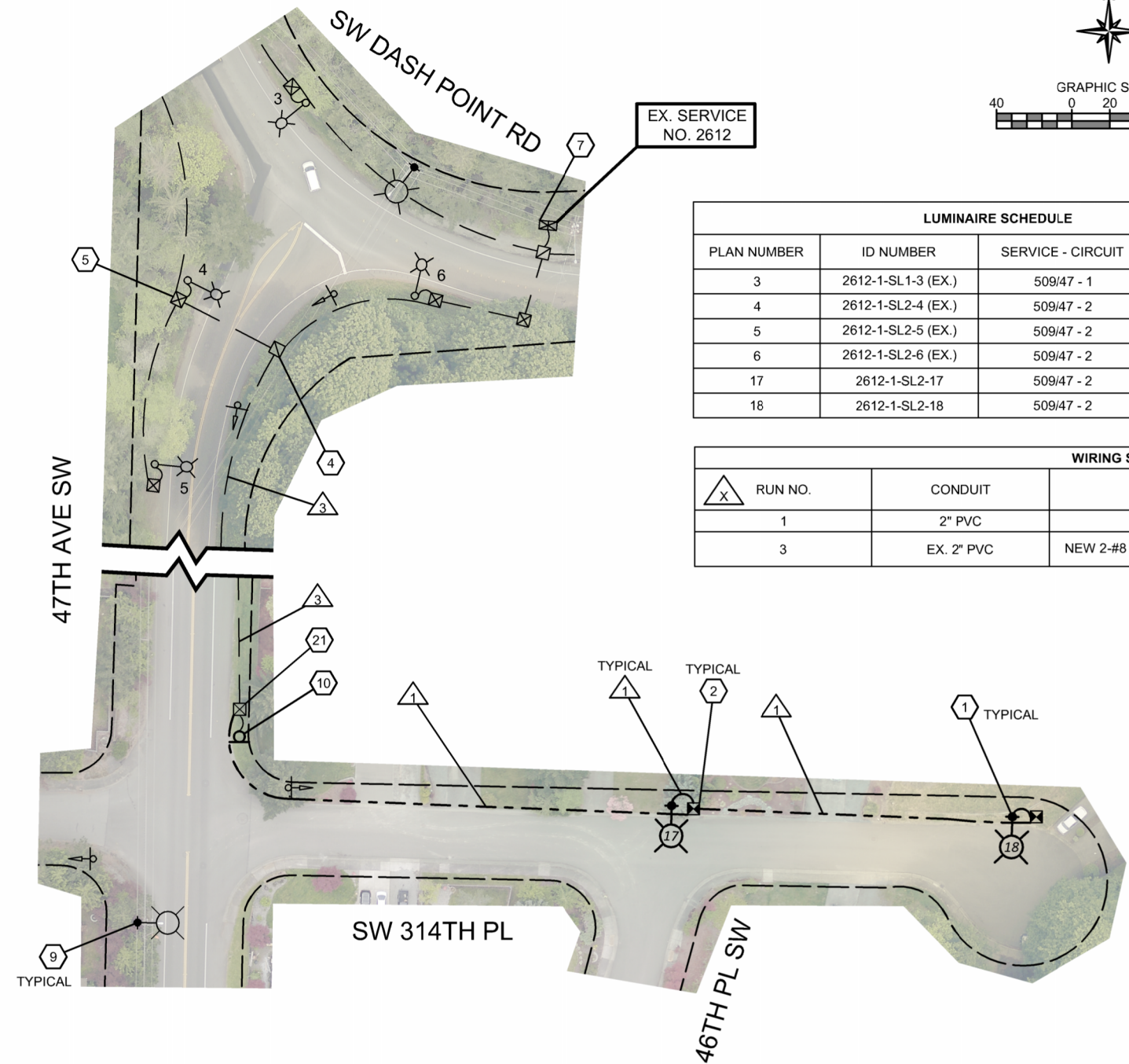
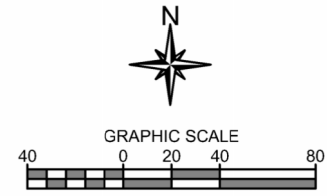


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STREET LIGHT INFILL
ILLUMINATION SYSTEM - GROUP A
HOYT RD SW/47 AVE SW - SW 331 ST TO SW 320 ST

CITY PROJECT #: 26775
SHT. 11
OF 76

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EX. SERVICE NO. 2612

| LUMINAIRE SCHEDULE | | SERVICE NO. 2612 | | | |
|--------------------|--------------------|-------------------|--------------|---------|------------|
| PLAN NUMBER | ID NUMBER | SERVICE - CIRCUIT | TYPE - WATTS | MASTARM | MTG HEIGHT |
| 3 | 2612-1-SL1-3 (EX.) | 509/47 - 1 | EX. | EX. | EX. |
| 4 | 2612-1-SL2-4 (EX.) | 509/47 - 2 | EX. | EX. | EX. |
| 5 | 2612-1-SL2-5 (EX.) | 509/47 - 2 | EX. | EX. | EX. |
| 6 | 2612-1-SL2-6 (EX.) | 509/47 - 2 | EX. | EX. | EX. |
| 17 | 2612-1-SL2-17 | 509/47 - 2 | II - 50 | 8 FT | 30 FT |
| 18 | 2612-1-SL2-18 | 509/47 - 2 | II - 50 | 8 FT | 30 FT |

| WIRING SCHEDULE | | | | |
|-----------------|------------|--------------------------------------|----------------------------------|--|
| △ X RUN NO. | CONDUIT | WIRE | COMMENTS | |
| 1 | 2" PVC | 2-#8 (ILLUM) | SHALL BE ALUMINUM | |
| 3 | EX. 2" PVC | NEW 2-#8 (ILLUM), EX. 2-#8 (BEACONS) | NEW CONDUCTORS SHALL BE ALUMINUM | |

CONSTRUCTION NOTES

- ① INSTALL LIGHT STANDARD FOUNDATION, POLE, DAVIT ARM, AND LUMINAIRE IN APPROXIMATE LOCATION SHOWN (2 LOCATIONS THIS SHEET) AND IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, SPECIAL PROVISIONS, AND THE DETAILS ON SHEETS 60 AND 61.
- ② INSTALL TYPE 1 JUNCTION BOX (REFER TO STANDARD PLAN J-40.10 AND THE DETAILS ON SHEETS 65 AND 66) AT APPROXIMATE LOCATION SHOWN (2 BOXES THIS SHEET). SEE NOTES.
- ④ SPLICE NEW CONDUCTORS TO EXISTING ILLUMINATION CONDUCTORS.
- ⑤ MAINTAIN AND PROTECT EXISTING ILLUMINATION SYSTEM.
- ⑦ EXISTING SERVICE CABINET TO BE USED FOR PROPOSED LIGHT STANDARDS FOR SW 314 PL AT 47 AVE SW.
- ⑨ EXISTING PSE LUMINAIRE MOUNTED ON PSE POLE (2 LOCATIONS THIS SHEET).
- ⑩ MAINTAIN AND PROTECT EXISTING FLASHING BEACON ASSEMBLY AND ASSOCIATED INFRASTRUCTURE.
- ⑪ INSTALL CONDUIT TO EXISTING JUNCTION BOX.

GENERAL NOTES

- 1. MAINTAIN AND PROTECT EXISTING FEATURES (TREES/ SHRUBS/ VEGETATION, DITCHES, DRIVEWAYS, ETC.) WITHIN PROJECT SITE UNLESS OTHERWISE NOTED.
- 2. UTILITIES ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO AVOID AND PROTECT EXISTING UTILITIES AND RESOLVE CONFLICTS.
- 3. ALL LIGHT STANDARDS AND JUNCTION BOXES SHALL BE INSTALLED WITHIN A CONCRETE PAD IN ACCORDANCE WITH THE DETAIL ON SHEET 63.
- 4. ALL JUNCTION BOXES SHALL INCLUDE THE SYSTEM IDENTIFICATION LETTERS "LT".
- 5. LIGHT STANDARDS SHALL BE PLACED SUCH THAT THERE IS A MINIMUM OF 6 FT FROM CENTER OF STANDARD TO EDGE LINE OR FACE OF CURB. THE CONTRACTOR SHALL NOT PLACE LIGHT STANDARDS IN FORMAL OR INFORMAL WALKING PATHS. THE CONTRACTOR SHALL NOT IMPEDE SIGHT DISTANCE, SIGN VISIBILITY, OR USPS ACCESS WITH LIGHT STANDARD PLACEMENT.
- 6. THE LOCATIONS SHOWN OF POLES, JUNCTION BOXES, AND SERVICE CABINETS ARE APPROXIMATE AND SHOWN OVERSIZE. FIELD ADJUSTMENT MAY BE NECESSARY. SEE NOTES. ALL CONSTRUCTION AND ACTIVITIES SHALL BE LOCATED WITHIN CITY OF FEDERAL WAY PROPERTY. RIGHT-OF-WAY LINES SHOWN ARE APPROXIMATE.

LEGEND

- APPROXIMATE RIGHT-OF-WAY
- CONDUIT AND WIRING
- - - EX. CONDUIT AND WIRING
- △ WIRE NOTE
- CONSTRUCTION NOTE
- ⊕ LIGHT STANDARD AND LUMINAIRE
- ⊕ EX. CITY-OWNED LIGHT STANDARD AND LUMINAIRE
- ⊕ EX. PSE LUMINAIRE AND POLE
- ⊠ TYPE 1 JUNCTION BOX
- ⊠ EX. TYPE 1 JUNCTION BOX
- ⊠ EX. TYPE 2 JUNCTION BOX
- ⊠ EX. SERVICE CABINET
- ⊕ EX. SIGN AND POST TO BE MAINTAINED
- ⊕ EX. SCHOOL SPEED SIGN OR FLASHING BEACONS

NOTES

- 1. JUNCTION BOXES FOR SW 314TH PL ARE INTENDED TO HAVE SPACING OF APPROXIMATELY 195 FEET FOR INSTALLATION OF ADDITIONAL LIGHT STANDARDS IN THE FUTURE. THE CONTRACTOR SHALL BEAR THIS IN MIND WHEN PLACING THE JUNCTION BOXES AND ATTEMPT TO ADHERE TO THE SPACING AND PLAN LOCATIONS AS MUCH AS IS PRACTICABLE. THE CONTRACTING AGENCY UNDERSTANDS THAT FIELD CONDITIONS MAY PRECLUDE THIS. ANY JUNCTION BOX SPACING GREATER THAN 250 FEET WILL NEED TO BE COORDINATED AND APPROVED BY THE ENGINEER, PRIOR TO INSTALLATION. IF FEWER JUNCTION BOXES ARE INSTALLED THAN SHOWN IN THE PLANS, THOSE BOXES SHALL BE DELIVERED TO THE KING COUNTY SIGNAL SHOP AT THE CONTRACTOR'S EXPENSE.

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REVIEWED: R. PEREZ, P.E.
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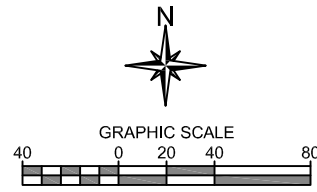


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STREET LIGHT INFILL
ILLUMINATION SYSTEM - GROUP A
SW 314 PL AT 47 AVE SW

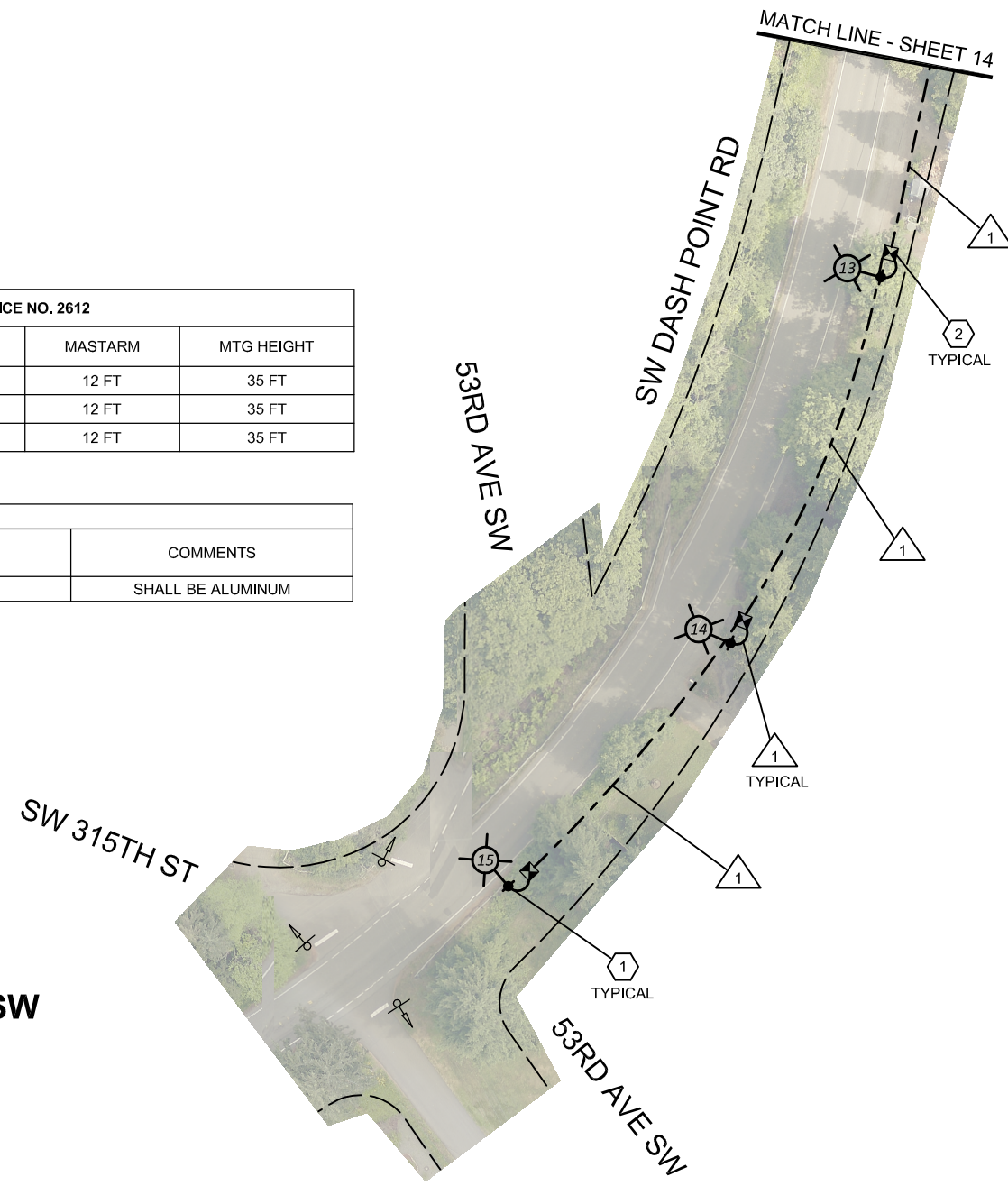
CITY PROJECT #:
26775
SHT. 12
OF 76

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| LUMINAIRE SCHEDULE | | SERVICE NO. 2612 | | | |
|--------------------|---------------|-------------------|--------------|---------|------------|
| PLAN NUMBER | ID NUMBER | SERVICE - CIRCUIT | TYPE - WATTS | MASTARM | MTG HEIGHT |
| 13 | 2612-1-SL2-13 | 509/47 - 2 | II - 90 | 12 FT | 35 FT |
| 14 | 2612-1-SL2-14 | 509/47 - 2 | II - 90 | 12 FT | 35 FT |
| 15 | 2612-1-SL2-15 | 509/47 - 2 | II - 90 | 12 FT | 35 FT |

| WIRING SCHEDULE | | | |
|-----------------|---------|--------------|-------------------|
| X RUN NO. | CONDUIT | WIRE | COMMENTS |
| 1 | 2" PVC | 2-#8 (ILLUM) | SHALL BE ALUMINUM |



CONSTRUCTION NOTES

- 1. INSTALL LIGHT STANDARD FOUNDATION, POLE, DAVIT ARM, AND LUMINAIRE IN APPROXIMATE LOCATION SHOWN (3 LOCATIONS THIS SHEET) AND IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, SPECIAL PROVISIONS, AND THE DETAILS ON SHEETS 60 AND 61.
- 2. INSTALL TYPE 1 JUNCTION BOX (REFER TO STANDARD PLAN J-40.10 AND THE DETAILS ON SHEETS 65 AND 66) AT APPROXIMATE LOCATION SHOWN (3 BOXES THIS SHEET). SEE NOTES.

GENERAL NOTES

- 1. MAINTAIN AND PROTECT EXISTING FEATURES (TREES/ SHRUBS/ VEGETATION, DITCHES, DRIVEWAYS, ETC.) WITHIN PROJECT SITE UNLESS OTHERWISE NOTED.
- 2. UTILITIES ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO AVOID AND PROTECT EXISTING UTILITIES AND RESOLVE CONFLICTS.
- 3. ALL LIGHT STANDARDS AND JUNCTION BOXES SHALL BE INSTALLED WITHIN A CONCRETE PAD IN ACCORDANCE WITH THE DETAIL ON SHEET 63.
- 4. ALL JUNCTION BOXES SHALL INCLUDE THE SYSTEM IDENTIFICATION LETTERS "LT".
- 5. LIGHT STANDARDS SHALL BE PLACED SUCH THAT THERE IS A MINIMUM OF 6 FT FROM CENTER OF STANDARD TO EDGE LINE OR FACE OF CURB. THE CONTRACTOR SHALL NOT PLACE LIGHT STANDARDS IN FORMAL OR INFORMAL WALKING PATHS. THE CONTRACTOR SHALL NOT IMPEDE SIGHT DISTANCE, SIGN VISIBILITY, OR USPS ACCESS WITH LIGHT STANDARD PLACEMENT.
- 6. THE LOCATIONS SHOWN OF POLES, JUNCTION BOXES, AND SERVICE CABINETS ARE APPROXIMATE AND SHOWN OVERSIZE. FIELD ADJUSTMENT MAY BE NECESSARY. SEE NOTES. ALL CONSTRUCTION AND ACTIVITIES SHALL BE LOCATED WITHIN CITY OF FEDERAL WAY PROPERTY. RIGHT-OF-WAY LINES SHOWN ARE APPROXIMATE.

SW DASH POINT RD - 53RD AVE SW TO 48 AVE SW -- SHEET 1 OF 4

NOTES

- 1. JUNCTION BOXES FOR SW DASH POINT RD SW ARE INTENDED TO HAVE SPACING OF APPROXIMATELY 175 FEET FOR INSTALLATION OF ADDITIONAL LIGHT STANDARDS IN THE FUTURE. THE CONTRACTOR SHALL BEAR THIS IN MIND WHEN PLACING THE JUNCTION BOXES AND ATTEMPT TO ADHERE TO THE SPACING AND PLAN LOCATIONS AS MUCH AS IS PRACTICABLE. THE CONTRACTING AGENCY UNDERSTANDS THAT FIELD CONDITIONS MAY PRECLUDE THIS. ANY JUNCTION BOX SPACING GREATER THAN 250 FEET WILL NEED TO BE COORDINATED AND APPROVED BY THE ENGINEER, PRIOR TO INSTALLATION. IF FEWER JUNCTION BOXES ARE INSTALLED THAN SHOWN IN THE PLANS, THOSE BOXES SHALL BE DELIVERED TO THE KING COUNTY SIGNAL SHOP AT THE CONTRACTOR'S EXPENSE.

LEGEND

- APPROXIMATE RIGHT-OF-WAY
- CONDUIT AND WIRING
- △ WIRE NOTE
- CONSTRUCTION NOTE
- ⊕ LIGHT STANDARD AND LUMINAIRE
- ⊠ TYPE 1 JUNCTION BOX
- ⊕ EX. SIGN AND POST TO BE MAINTAINED

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DESIGNED: K. DAVIS, P.E.
REVIEWED: R. PEREZ, P.E.
APPROVED: R. PEREZ, P.E.



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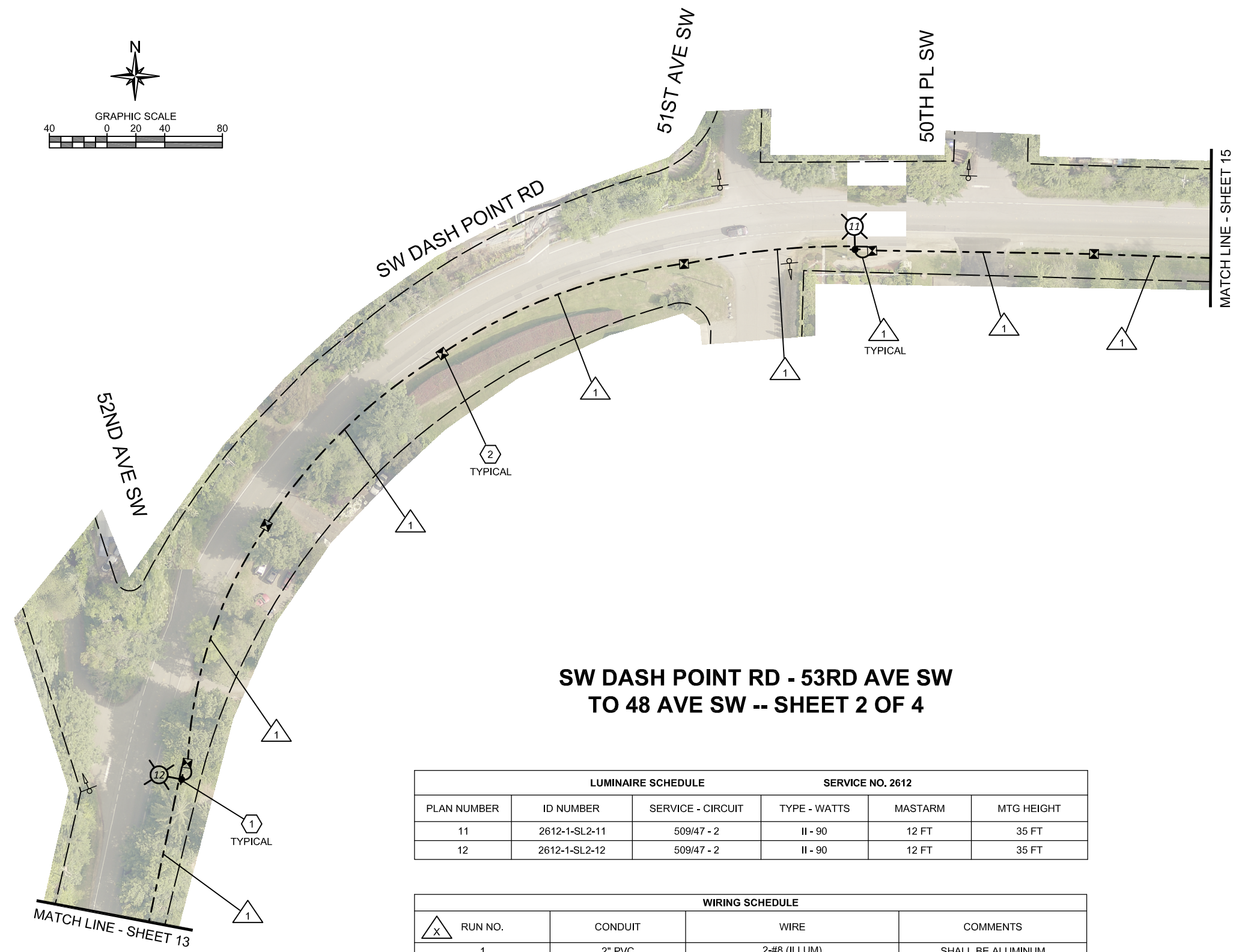
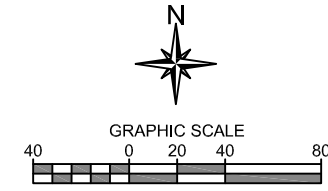
STREET LIGHT INFILL

ILLUMINATION SYSTEM - GROUP A

SW DASH POINT RD - 53 AVE SW TO 48 AVE SW

CITY PROJECT #: 26775
SHT. 13
OF 76

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**SW DASH POINT RD - 53RD AVE SW
TO 48 AVE SW -- SHEET 2 OF 4**

| LUMINAIRE SCHEDULE | | | SERVICE NO. 2612 | | |
|--------------------|---------------|-------------------|------------------|---------|------------|
| PLAN NUMBER | ID NUMBER | SERVICE - CIRCUIT | TYPE - WATTS | MASTARM | MTG HEIGHT |
| 11 | 2612-1-SL2-11 | 509/47 - 2 | II - 90 | 12 FT | 35 FT |
| 12 | 2612-1-SL2-12 | 509/47 - 2 | II - 90 | 12 FT | 35 FT |

| WIRING SCHEDULE | | | | |
|-----------------|---------|---------|--------------|-------------------|
| (X) | RUN NO. | CONDUIT | WIRE | COMMENTS |
| | 1 | 2" PVC | 2-#8 (ILLUM) | SHALL BE ALUMINUM |

CONSTRUCTION NOTES

- ① INSTALL LIGHT STANDARD FOUNDATION, POLE, DAVIT ARM, AND LUMINAIRE IN APPROXIMATE LOCATION SHOWN (2 LOCATIONS THIS SHEET) AND IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, SPECIAL PROVISIONS, AND THE DETAILS ON SHEETS 60 AND 61.
- ② INSTALL TYPE 1 JUNCTION BOX (REFER TO STANDARD PLAN J-40.10 AND THE DETAILS ON SHEETS 65 AND 66) AT APPROXIMATE LOCATION SHOWN (6 BOXES THIS SHEET). SEE NOTES.

GENERAL NOTES

- 1. MAINTAIN AND PROTECT EXISTING FEATURES (TREES/ SHRUBS/ VEGETATION, DITCHES, DRIVEWAYS, ETC.) WITHIN PROJECT SITE UNLESS OTHERWISE NOTED.
- 2. UTILITIES ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO AVOID AND PROTECT EXISTING UTILITIES AND RESOLVE CONFLICTS.
- 3. ALL LIGHT STANDARDS AND JUNCTION BOXES SHALL BE INSTALLED WITHIN A CONCRETE PAD IN ACCORDANCE WITH THE DETAIL ON SHEET 63.
- 4. ALL JUNCTION BOXES SHALL INCLUDE THE SYSTEM IDENTIFICATION LETTERS "LT".
- 5. LIGHT STANDARDS SHALL BE PLACED SUCH THAT THERE IS A MINIMUM OF 6 FT FROM CENTER OF STANDARD TO EDGE LINE OR FACE OF CURB. THE CONTRACTOR SHALL NOT PLACE LIGHT STANDARDS IN FORMAL OR INFORMAL WALKING PATHS. THE CONTRACTOR SHALL NOT IMPEDE SIGHT DISTANCE, SIGN VISIBILITY, OR USPS ACCESS WITH LIGHT STANDARD PLACEMENT.
- 6. THE LOCATIONS SHOWN OF POLES, JUNCTION BOXES, AND SERVICE CABINETS ARE APPROXIMATE AND SHOWN OVERSIZE. FIELD ADJUSTMENT MAY BE NECESSARY. SEE NOTES. ALL CONSTRUCTION AND ACTIVITIES SHALL BE LOCATED WITHIN CITY OF FEDERAL WAY PROPERTY. RIGHT-OF-WAY LINES SHOWN ARE APPROXIMATE.

NOTES

- 1. JUNCTION BOXES FOR SW DASH POINT RD SW ARE INTENDED TO HAVE SPACING OF APPROXIMATELY 175 FEET FOR INSTALLATION OF ADDITIONAL LIGHT STANDARDS IN THE FUTURE. THE CONTRACTOR SHALL BEAR THIS IN MIND WHEN PLACING THE JUNCTION BOXES AND ATTEMPT TO ADHERE TO THE SPACING AND PLAN LOCATIONS AS MUCH AS IS PRACTICABLE. THE CONTRACTING AGENCY UNDERSTANDS THAT FIELD CONDITIONS MAY PRECLUDE THIS. ANY JUNCTION BOX SPACING GREATER THAN 250 FEET WILL NEED TO BE COORDINATED AND APPROVED BY THE ENGINEER, PRIOR TO INSTALLATION. IF FEWER JUNCTION BOXES ARE INSTALLED THAN SHOWN IN THE PLANS, THOSE BOXES SHALL BE DELIVERED TO THE KING COUNTY SIGNAL SHOP AT THE CONTRACTOR'S EXPENSE.

LEGEND

- APPROXIMATE RIGHT-OF-WAY
- CONDUIT AND WIRING
- △ WIRE NOTE
- ① CONSTRUCTION NOTE
- ⊕ LIGHT STANDARD AND LUMINAIRE
- ⊕ TYPE 1 JUNCTION BOX
- ⊕ EX. SIGN AND POST TO BE MAINTAINED

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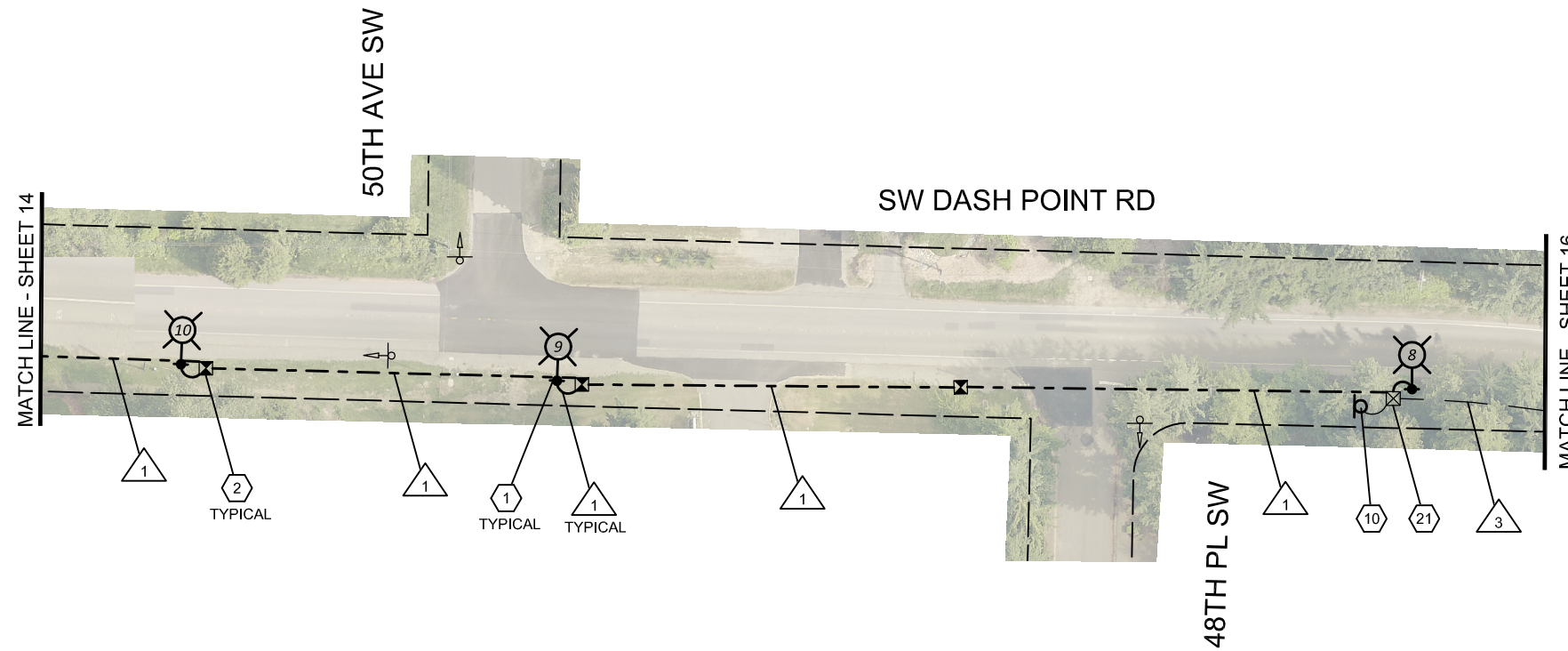
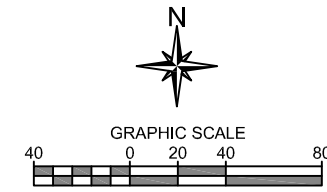


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STREET LIGHT INFILL
ILLUMINATION SYSTEM - GROUP A
SW DASH POINT RD - 53 AVE SW TO 48 AVE SW

CITY PROJECT #:
26775
SHT. 14
OF 76

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**SW DASH POINT RD - 53RD AVE SW
TO 48 AVE SW -- SHEET 3 OF 4**

CONSTRUCTION NOTES

- ① INSTALL LIGHT STANDARD FOUNDATION, POLE, DAVIT ARM, AND LUMINAIRE IN APPROXIMATE LOCATION SHOWN (3 LOCATIONS THIS SHEET) AND IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, SPECIAL PROVISIONS, AND THE DETAILS ON SHEETS 60 AND 61.
- ② INSTALL TYPE 1 JUNCTION BOX (REFER TO STANDARD PLAN J-40.10 AND THE DETAILS ON SHEETS 65 AND 66) AT APPROXIMATE LOCATION SHOWN (3 BOXES THIS SHEET). SEE NOTES.
- ⑩ MAINTAIN AND PROTECT EXISTING FLASHING BEACON ASSEMBLY AND ASSOCIATED INFRASTRUCTURE.
- ②① INSTALL CONDUIT TO EXISTING JUNCTION BOX.

GENERAL NOTES

- 1. MAINTAIN AND PROTECT EXISTING FEATURES (TREES/ SHRUBS/ VEGETATION, DITCHES, DRIVEWAYS, ETC.) WITHIN PROJECT SITE UNLESS OTHERWISE NOTED.
- 2. UTILITIES ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO AVOID AND PROTECT EXISTING UTILITIES AND RESOLVE CONFLICTS.
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| LUMINAIRE SCHEDULE | | SERVICE NO. 2612 | | | |
|--------------------|---------------|-------------------|--------------|---------|------------|
| PLAN NUMBER | ID NUMBER | SERVICE - CIRCUIT | TYPE - WATTS | MASTARM | MTG HEIGHT |
| 8 | 2612-1-SL2-8 | 509/47 - 2 | II - 90 | 12 FT | 35 FT |
| 9 | 2612-1-SL2-9 | 509/47 - 2 | II - 90 | 12 FT | 35 FT |
| 10 | 2612-1-SL2-10 | 509/47 - 2 | II - 90 | 12 FT | 35 FT |

| WIRING SCHEDULE | | | |
|-----------------|------------|--------------------------------------|----------------------------------|
| X RUN NO. | CONDUIT | WIRE | COMMENTS |
| 1 | 2" PVC | 2-#8 (ILLUM) | SHALL BE ALUMINUM |
| 3 | EX. 2" PVC | NEW 2-#8 (ILLUM), EX. 2-#8 (BEACONS) | NEW CONDUCTORS SHALL BE ALUMINUM |

NOTES

- 1. JUNCTION BOXES FOR SW DASH POINT RD SW ARE INTENDED TO HAVE SPACING OF APPROXIMATELY 175 FEET FOR INSTALLATION OF ADDITIONAL LIGHT STANDARDS IN THE FUTURE. THE CONTRACTOR SHALL BEAR THIS IN MIND WHEN PLACING THE JUNCTION BOXES AND ATTEMPT TO ADHERE TO THE SPACING AND PLAN LOCATIONS AS MUCH AS IS PRACTICABLE. THE CONTRACTING AGENCY UNDERSTANDS THAT FIELD CONDITIONS MAY PRECLUDE THIS. ANY JUNCTION BOX SPACING GREATER THAN 250 FEET WILL NEED TO BE COORDINATED AND APPROVED BY THE ENGINEER, PRIOR TO INSTALLATION. IF FEWER JUNCTION BOXES ARE INSTALLED THAN SHOWN IN THE PLANS, THOSE BOXES SHALL BE DELIVERED TO THE KING COUNTY SIGNAL SHOP AT THE CONTRACTOR'S EXPENSE.

LEGEND

- APPROXIMATE RIGHT-OF-WAY
- CONDUIT AND WIRING
- - - EX. CONDUIT AND WIRING
- △ WIRE NOTE
- CONSTRUCTION NOTE
- ⊕ LIGHT STANDARD AND LUMINAIRE
- ⊠ TYPE 1 JUNCTION BOX
- ⊞ EX. TYPE 1 JUNCTION BOX
- ⊕ EX. SIGN AND POST TO BE MAINTAINED

100% DESIGN



DRAFTED: D. MCINTOSH
DESIGNED: K. DAVIS, P.E.
REVIEWED: R. PEREZ, P.E.
APPROVED: R. PEREZ, P.E.



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STREET LIGHT INFILL
ILLUMINATION SYSTEM - GROUP A
SW DASH POINT RD - 53 AVE SW TO 48 AVE SW

CITY PROJECT #:
26775
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