NE 116TH ST
CROSSWALK UPGRADES
KIRKLAND, WASHINGTON
PROJECT# 37-20-PW
CIP# NMC0120100

NE 116TH ST FROM 104TH AVE NE TO 113TH PL NE
LENGTH 3,050 FEET = 0.58 MILES

CITY OF KIRKLAND
123 FIFTH AVENUE
KIRKLAND, WA 98033
PHONE: (425) 587-3000
FAX:  301.927.2800
www.tooledesign.com

CITY OFFICIALS
PENNY SWEET   MAYOR
JAY ARNOLD DEPUTY MAYOR
KELLY CURTIS COUNCIL MEMBER
TOBY NIXON COUNCIL MEMBER
NEAL BLACK COUNCIL MEMBER
DAVE ASHER COUNCIL MEMBER
JON PASCAL COUNCIL MEMBER
KURT TRIPPEL CITY MANAGER
JULIE UNDERWOOD INTERIM PUBLIC WORKS DIRECTOR
ROD STEITZER, P.E. CAPITAL PROJECTS MANAGER

CONTACT PERSONNEL
MARIUS EUGENIO, P.E. PROJECT ENGINEER 425-587-3872
RIK MAYER COK INSPECTOR 206-496-4285
NATHEN HOWIE COK STREET DEPARTMENT 425-587-3900
JASON OSBORN COK STORMWATER 425-587-3900
TOM CHRIEST COK WATER & WASTEWATER DEPT. 425-587-3900
DISPATCH COK POLICE DEPARTMENT 425-577-4056
DISPATCH COK FIRE DEPARTMENT 425-587-3850
JOHN PANTISKE COK UTILITY MANAGER 425-587-3917
JEANNE COLEMAN PUGET SOUND ENERGY 425-449-7410
JAY SCHWAB FRONTIER COMMUNICATIONS 425-282-4035
JOHN NICHOLSON INTEGRA TELECOM 425-970-7000
RAYMOND PLEKENTON COMCAST CABLE 425-282-2332
CONST. COORDINATOR KING COUNTY METRO 206-684-2732
BETH BROOKLAKE WASH. SCHOOL DIST. 425-882-5147
JEFF MILESE LAKES WASH. SCHOOL DIST. 425-882-5120
GREG MATOYE NORTHSHORE UTILITY DIST. 425-398-4400
EMERGENCY 911
ONE CALL 800-424-5555

REUSE OF DOCUMENTS
ALL DRAWINGS ARE INSTRUMENTS OF PROFESSIONAL SERVICE FOR THIS PROJECT. REUSE OR ALTERATION IS AT THE USER’S SOLE RISK.

NE 116TH STREET CROSSWALK UPGRADES
KIRKLAND, WA

90/01/2020

TOOLE DESIGN
725 DRESSEL AVENUE, SUITE 202, SEATTLE, WA 98122
PHONE: 206.297.1601 FAX: 301.927.2800 www.tooledesign.com

COVER
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<th>SHEET NO.</th>
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LOCATION MAP AND SHEET KEY

1" = 200'
GENERAL NOTES

1. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD PRIOR TO THE START OF CONSTRUCTION.

2. THE CONTRACTOR SHALL COMPLETE THE PROJECT IN ACCORDANCE WITH THE CURRENT APWA STANDARDS AND SPECIFICATIONS.

3. ALL STORM DRAINAGE NOTES ARE IN ACCORDANCE WITH THE CURRENT CITY OF KIRKLAND STANDARDS AND SPECIFICATIONS.

4. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, WIDTHS, THICKNESSES, AND ELEVATIONS OF ALL EXISTING UTILITY TRENCHES ON EXISTING TRAVELED ROADWAY AND CITY OF KIRKLAND STANDARDS AND SPECIFICATIONS.

5. ALL EXISTING TREES MUST BE PROTECTED EXCEPT WHERE NOTED ON THE SITE PREPARATION NOTES AND PLANS.

6. SOLID BICYCLE LANE LINE STRIPES ARE WHITE, 6 INCHES WIDE UNLESS OTHERWISE NOTED.

7. THE CONTRACTOR SHALL COMPLETE THE PRE-CONSTRUCTION CONFERENCE PRIOR TO THE START OF CONSTRUCTION.

8. ALL EROSION/SEDIMENTATION CONTROL PONDS WITH A DEAD STORAGE DEPTH OF 10 FEET OR LESS MAY BE USED AS THE PERMANENT DRAINAGE NOTES REQUIRE PRIOR AUTHORIZATION AND PERMIT FROM KING COUNTY INDUSTRIAL WASTE DEPARTMENT.

9. ALL DRY WELDING MUST BE COMPLETE PRIOR TO THE START OF CONSTRUCTION.

10. KNOW WHAT'S AS DETERMINED BY THE CITY OF KIRKLAND.

11. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, WIDTHS, THICKNESSES, AND ELEVATIONS OF ALL EXISTING UTILITY TRENCHES ON EXISTING TRAVELED ROADWAY AND CITY OF KIRKLAND STANDARDS AND SPECIFICATIONS.

12. THE CONTRACTOR SHALL COMPLETE THE PRE-CONSTRUCTION CONFERENCE PRIOR TO THE START OF CONSTRUCTION.

13. THE MAXIMUM GRADE FOR PRIVATE ROADWAYS SHALL BE TWENTY PERCENT (20%), OR 5% AT CURB LEVEL.

14. THE CONTRACTOR SHALL COMPLETE THE PRE-CONSTRUCTION CONFERENCE PRIOR TO THE START OF CONSTRUCTION.

15. SIDEWALK AND CURB AND GUTTER CANNOT BE POURED MONOLITHICALLY. THERE MUST BE A SUFFICIENT AREA BETWEEN THE CURB AND THE DRIVEWAY TO ENSURE ADEQUATE DRAINAGE.

16. THE CONTRACTOR SHALL COMPLETE THE PRE-CONSTRUCTION CONFERENCE PRIOR TO THE START OF CONSTRUCTION.

17. SOLID BICYCLE LANE LINE STRIPES ARE WHITE, 6 INCHES WIDE UNLESS OTHERWISE NOTED.

18. THE CONTRACTOR SHALL COMPLETE THE PRE-CONSTRUCTION CONFERENCE PRIOR TO THE START OF CONSTRUCTION.

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23. OPEN CUT ROAD CROSSINGS FOR UTILITY TRENCHES ON EXISTING TRAVELED ROADWAY SHALL BE INSTALLED PRIOR TO ANY GRADING OR EROSION CONTROL ACTIVITIES.

24. THE CONTRACTOR SHALL COMPLETE THE PRE-CONSTRUCTION CONFERENCE PRIOR TO THE START OF CONSTRUCTION.

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26. WHEN WIDENING AN EXISTING ROADWAY WHERE AN EXISTING TYPE I CATCH BASIN WILL REMAIN IN THE TRAVEL LANE, THE EXISTING FRAME AND COVER SHALL BE REPLACED WITH A NEW TYPE I CATCH BASIN.

27. FOR OTHER THAN SINGLE-FAMILY DWELLINGS, ALL EXPOSED OR READILY EXPOSED INDOOR STRUCTURAL PLYWOOD SHAL
CAP WATER LINE AT THE MAIN WATER SERVICE LINE. MAIN WATER SERVICE LINE SHUTDOWN AND REPAIR BAND MAY BE REQUIRED. REMOVE WATER METER VALUE AND BOX. COORDINATE WITH ENGINEER CITY OF KIRKLAND.

CAP IRRIGATION MAIN LINE AT THE MAIN WATER SERVICE LINE. MAIN WATER SERVICE LINE SHUTDOWN AND REPAIR BAND MAY BE REQUIRED. REMOVE IRRIGATION VALVE AND VALVE BOX. COORDINATE WITH ENGINEER CITY OF KIRKLAND.

SITE PREPARATION CONSTRUCTION NOTES:

- REMOVE IRRIGATION SPRAY HEADS AND CATCH PLATE LINES, TYPICAL.

- REMOVE IRRIGATION MAIN LINE AS SHOWN OR AS DIRECTED BY ENGINEER.

- REMOVE DETECTABLE WARNING SURFACES, WALK-AWAY, AND PROTECT ALL EXISTING VEGETATION OUTSIDE THE CLEARING AND GRUBBING LIMITS.

- COURTESY OF NORTHWEST SPILL RESPONSE, INC.

- SITE PREPARATION LEGEND:

- CLEANING AND GRUBBING

- REMOVE DETECTABLE WARNING SURFACE

- REMOVE ASPHALT PAVEMENT

- REMOVE CONCRETE PAVEMENT

- REMOVE DAMAGED CURB AS SHOWN OR AS DIRECTED BY ENGINEER

- Curb Cut Pavement Full Depth

- TRIM / PRUNE TREE OR VEGETATION, SEE NOTE 11

- FINAL CURVE AS SHOWN ON THESE PLANS. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO DETERMINE IF ADDITIONAL UNDERGROUND UTILITIES MAY EXIST WITHIN THE LIMITS OF WORK.

- CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.

- SIGNS NOTED "TO BE REMOVED" SHALL INCLUDE REMOVAL AND SALVAGE OF OTHER APPURTENANCES OF THE EXISTING SYSTEM.

- OLD IRRIGATION VALVE BOXES SHALL BE TOTALLY REMOVED, THE HOLES MAY BE REQUIRED BY CITY OF KIRKLAND FOLLOWING SIGN INSTALLATION TO PROVIDE VISIBILITY OF SIGNS.

- ONLY CITY WATER DEPARTMENT PERSONNEL ARE PERMITTED TO OPERATE VALVES ON LIVE IN-SERVICE MAINS INCLUDING HYDRANTS, BLOW-OFFS AND OTHER APPURTENANCES OF THE EXISTING SYSTEM.

- OLD PREPARATION VALVES SHALL BE TOTALLY REMOVED, THE HOLES MAY BE REQUIRED BY CITY OF KIRKLAND GIS DATA. LOCATIONS OF POTENTIAL CONFLICT MUST BE AGREED TO BY THE CITY OF KIRKLAND.

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SITE PREPARATION NOTES:

1. SEE NT SHEET SERIES FOR GENERAL NOTES AND LEGEND.
2. SITE 50 SHEETS FOR TRENCHING FOR IRON INSTALLATION.
3. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
4. UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE BASED ON CITY OF KIRKLAND GIS DATA. LOCATION OF POTENTIAL CONFLICT MUST BE CONFIRMED PRIOR TO TRENCHING.
5. ADDITIONAL UNDERGROUND UTILITIES MAY EXIST THAT ARE NOT DEPICTED ON THESE PLANS. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO DETERMINE IF ADDITIONAL UNDERGROUND UTILITIES MAY EXIST WITHIN THE LIMITS OF WORK.
6. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.
7. DEFERRED ACCESS MUST BE LIMITED TO ALL TIMES UNLESS OTHERWISE AGREED TO BY THE CITY OF KIRKLAND.
8. ALL ITEMS IDENTIFIED DURING THE INSPECTOR/WATER DEPARTMENT PERSONNEL WALK-THROUGH WITH WATER DEPARTMENT PERSONNEL PRIOR TO FINAL CLOSE-OUT GENERAL CONSTRUCTION:
   a. PROJECT CLOSE-OUT GENERAL CONSTRUCTION:
      i. THE OLD IRRIGATION MAIN IS ABANDONED.
      ii. VALVES ON LIVE IN-SERVICE MAINS INCLUDING HYDRANTS, BLOW-OFFS AND OTHER APPURTENANCES OF THE EXISTING SYSTEM.
      iii. ONLY CITY WATER DEPARTMENT PERSONNEL ARE PERMITTED TO OPERATE EQUIPMENT.
      iv. THE VALVE MUST BE REMOVED AND A BLIND FLANGE INSTALLED ON THE TEE.
      v. PROVIDE VISIBILITY OF SIGNS.
      vi. MAY BE REQUIRED BY CITY OF KIRKLAND FOLLOWING SIGN INSTALLATION TO PROVE VISIBILITY OF SIGNS.

9. VEGETATION PROTECTION AND RESTORATION PER SPECIFICATIONS. SAVE AND PROTECT ALL EXISTING VEGETATION OUTSIDE THE CLEARING AND GRUBBING LIMITS.
11. CALL CITY ENR BEEHIVE SYSTEMS FOR PREDON KING AND REQUIRED REPORTS. "ALL PRELIMS SHALL BE PERFORMED BY A CERTIFIED Arborist AND AT THE DIRECTION OF THE ENGINEER. PRUNING AND TRIMMING MAY BE REQUIRED BY CITY OF KIRKLAND FOLLOWING SIGN INSTALLATION TO PROVIDE VISIBILITY OF SIGNS.
12. BOXES NOTED "TO BE REMOVED" SHALL INCLUDE REMOVAL AND SALVAGE OF BOX AND PAVEMENT PRIOR SPECIFICATIONS UNLESS OTHERWISE NOTED.
13. FOR EXISTING WATER VALVES TO BE ABANDONED, A SHUT DOWN SHALL BE SCHEDULED WITH THE WATER DEPARTMENT. THE VALVE MUST BE REMOVED AND A BLIND FLANGE INSTALLED ON THE TEE. THE TRUNK DIAMETER TAKEN 4.5-FEET ABOVE GRADE. ALL WORK IN CRZ SHALL BE AGREED TO BY THE CITY OF KIRKLAND.
14. ONLY CITY WATER DEPARTMENT PERSONNEL ARE PERMITTED TO OPERATE EQUIPMENT. IN SERVICE BOXES INCLUDING HYDRANTS, BLOW-OFFS AND OTHER APPURTENANCES OF THE EXISTING SYSTEM.
15. OLD PRESENTATION VALVES SHALL BE TOTALLY REMOVED, THE HOLES DUG AND THE EXISTING SURFACE RESTORED PER THE PLANS AFTER THE OLD VALVE IS AGREED TO.
16. THE COMPLIANCE CERTIFICATE SHALL BE SIGN AND POSTED PER SPECIFICATIONS UNLESS OTHERWISE NOTED.

EX W11-2 SIGN 
(30"x30")

SITE PREPARATION LEGEND:

- CLEARING AND GRUBBING
- REMOVE DETECTABLE WARNING SURFACE
- REMOVE ASPHALT PAVEMENT
- REMOVE CONCRETE PAVEMENT
- REMOVE DAMAGED CURB AS SHOWN OR AS DIRECTED BY ENGINEER
- SAW CUT PAVEMENT FULL DEPTH

SITE PREPARATION CONSTRUCTION NOTES:

- REMOVE DETECTABLE WARNING SURFACE MARKERS OR AS DIRECTED BY ENGINEER
- TRIM / PRUNE TREE OR VEGETATION. SEE NOTE 11
- SAW CUT PAVEMENT FULL DEPTH

ALL DRAWINGS ARE INSTRUMENTS OF PROFESSIONAL SERVICE FOR THIS PROJECT REUSE OR ALTERATION IS AT THE USER’S SOLE RISK.

SCHEDULE A - BASE BID

CROSSWALK UPGRADES
KIRKLAND, WA

TOOLE DESIGN
2729 8TH AVE, SUITE 2020
SEATTLE, WA 98121
PHONE: (425) 587-3000
FAX: 301.927.2800
www.tooledesign.com
SITE PREPARATION NOTES:

1. SEE NT SHEET SERIES FOR GENERAL NOTES AND LEGEND.
2. SEE SG SHEETS FOR TRENCHING FOR RRFB INSTALLATION.
3. ALL DIMENSIONS ARE IN FEET, UNLESS OTHERWISE NOTED.
4. UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE BASED ON CITY OF KIRKLAND GIS DATA. LOCATIONS OF POTENTIAL CONFLICT MUST BE POTENTIALLY PROBED PRIOR TO TRENCHING.
5. ADDITIONAL UNDERGROUND UTILITIES MAY EXIST THAT ARE NOT DEPICTED ON THESE PLANS. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO DETERMINE IF ADDITIONAL UNDERGROUND UTILITIES MAY EXIST WITHIN THE LIMITS OF WORK.
6. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.
7. DRIVEWAY ACCESS MUST BE KEPT CLEAR AT THE CONTRACTOR’S EXPENSE. DIRT ROAD ACCESS TO BE REMOVED AND DAMAGED THE HIGHWAY PAVEMENT TO REMAIN IN PLACE.
8. SITE PREPARATION AND RESTORATION PER SPECIFICATIONS. SAW AND PROTECT ALL EXISTING UTILITIES OUTSIDE THE CLEARING AND GRUBBING LIMITS.
9. TRIM CRITICAL ROOT ZONE (CRZ) OF THE ARBORICULTURAL TREES FROM BASE TOWARDS THE SPACE AVAILABLE TO EACH 1 INCH OF THE TRUNK. TRUNK DIAMETER TAKEN 4.5 FEET ABOVE GRADE. ANY WORK TO BE PERFORMED BEFORE APPLICATION OF SPECIFICATIONS UNLESS OTHERWISE NOTED.
10. REMOVE CONCRETE PAVEMENT, REMOVE ASPHALT PAVEMENT, REMOVE DETECTABLE WARNING SURFACE.
11. SEE SPECIFICATIONS FOR TREE AND VEGETATION TRIMMING AND PRUNING REQUIREMENTS. ALL WORK IN CRZ SHALL BE DONE BY HAND. SEE STANDARD PLAN NO. CK-R.49.
12. SIGNS NOTED “TO BE REMOVED” SHALL INCLUDE REMOVAL AND SALVAGE OF BOX AND POST ONLY SPECIFICATIONS UNLESS OTHERWISE NOTED.
13. FOR EXISTING WATER VALVE TO BE ABANDONED, A SHUT DOWN SHALL BE SCHEDULED WITH THE WATER DEPARTMENT. THE VALVE MUST BE REMOVED, RECOVERED AND CAP IRRIGATION MAIN LINE AT THE MAIN WATER SERVICE LINE. MAIN WATER SERVICE LINE SHUTOFF VALVE AND REPAIR BAND MAY BE REQUIRED. REMOVE IRRIGATION SPRAY HEADS AND CAP LATERAL LINES.
14. ONLY CITY WATER DEPARTMENT PERSONNEL ARE PERMITTED TO OPERATE VALVES ON LIVE IN-SERVICE MAINS INCLUDING HYDRANTS, BLOW-OFFS AND OTHER APPURTENANCES OF THE EXISTING SYSTEM. THE OLD IRRIGATION MAIN IS ABANDONED. BACKFILLED AND THE EXISTING SURFACE RESTORED PER THE PLANS AFTER THE OLD IRRIGATION MAIN IS ABANDONED.
15. FOR REUSE OR ALTERATION IS AT THE USER’S SOLE RISK. REUSE OF DOCUMENTS IS NOT ALLOWED FOR THIS PROJECT. REUSE OR ALTERATION IS AT THE USER’S SOLE RISK.
16. FOR EXISTING WATER VALVE TO BE ABANDONED, A SHUT DOWN SHALL BE SCHEDULED WITH THE WATER DEPARTMENT. THE VALVE MUST BE REMOVED, RECOVERED AND CAP IRRIGATION MAIN LINE AT THE MAIN WATER SERVICE LINE. MAIN WATER SERVICE LINE SHUTOFF VALVE AND REPAIR BAND MAY BE REQUIRED. REMOVE IRRIGATION SPRAY HEADS AND CAP LATERAL LINES.
17. THE CONSTRUCTION INSPECTOR SHALL PERFORM A PROJECT WALK-AROUND WITH WATER DEPARTMENT PERSONNEL PRIOR TO FINAL CURB AND ASPHALT REPLACEMENT/PLACEMENT.
18. ALL ITEMS COVERED DURING THE INSPECTION PERIOD SHALL BE идеальнее для включения в форму. bieten Sie eine passende Option an. enhance the interpretability and understandability of the original content. Provide visibility of signs.
19. THE OLD IRRIGATION MAIN IS ABANDONED. BACKFILLED AND THE EXISTING SURFACE RESTORED PER THE PLANS AFTER THE OLD IRRIGATION MAIN IS ABANDONED.
20. ONLY CITY WATER DEPARTMENT PERSONNEL ARE PERMITTED TO OPERATE VALVES ON LIVE IN-SERVICE MAINS INCLUDING HYDRANTS, BLOW-OFFS AND OTHER APPURTENANCES OF THE EXISTING SYSTEM.
21. THE OLD IRRIGATION MAIN IS ABANDONED. BACKFILLED AND THE EXISTING SURFACE RESTORED PER THE PLANS AFTER THE OLD IRRIGATION MAIN IS ABANDONED.
22. ONLY CITY WATER DEPARTMENT PERSONNEL ARE PERMITTED TO OPERATE VALVES ON LIVE IN-SERVICE MAINS INCLUDING HYDRANTS, BLOW-OFFS AND OTHER APPURTENANCES OF THE EXISTING SYSTEM.
SITE PREPARATION NOTES:

1. USE SG SHEETS FOR TRENCHING FOR RRFB INSTALLATION.
2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
3. ADDITIONAL UNDETERMINED UTILITIES MAY EXIST THAT ARE NOT DETECTED DURING SITE PREPARATION. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO DETERMINE IF ADDITIONAL UNDETERMINED UTILITIES MAY EXIST WITHIN THE LIMITS OF WORK.
4. UTILITIES OR UNDERGROUND LOCATION CENTER AT 48 HOURS PRIOR TO CONSTRUCTION.
5. DRIVEWAY ACCESS MUST BE SECURED AT CITY WATER DEPARTMENT AGREED TO BY THE CITY OF KIRKLAND.
6. EXISTING DETECTABLE WARNING SURFACE REMOVAL LIMITATIVE PAYMENT TO BE MADE IN PLACE.
7. SITE PREPARATION LEGEND:
   - REMOVED IRIGATION VALVE AND CAP IRIGATION MAIN LINE, COORDINATE WITH ENGINEER CITY OF KIRKLAND.
   - REMOVE DAMAGE CURB AS SHOWN OR AS DIRECTED BY ENGINEER.
   - REMOVE IRIGATION SPRAY HEADS AND CAP LATERAL LINES.

SITE PREPARATION CONSTRUCTION NOTES:

1. REMOVE DETECTABLE WARNING SURFACE.
2. REMOVE ASPHALT PAVEMENT.
3. REMOVE CONCRETE PAVEMENT.
4. MAKE DAMAGE CURB AS SHOWN OR AS DIRECTED BY ENGINEER.
5. SAWCUT PAVEMENT FULL DEPTH.
NOTES:
1. SEE SHEET SERIES FOR GENERAL NOTES AND LEGEND
2. SEE SHEET SERIES FOR TREE PROTECTION, TREE AND VEGETATION TRIMMING, AND SIGN AND CHANNELIZATION REMOVALS
3. ALL DIMENSIONS ARE IN FEET, UNLESS OTHERWISE NOTED
4. REMOVAL OF EXISTING UTILITIES MAY REQUIRE THE EXERCISE OF EASEMENT BY THE ENGINEER PRIOR TO INSTALLATION. LOCATIONS SHOWN ARE APPROXIMATE ONLY. ACTUAL LOCATION SHALL BE DETERMINED IN THE FIELD BASED ON CONDITIONS. EXISTING UTILITIES SHALL NOT BE PLACED TO CONFLICT WITH STRUCTURES, UTILITIES, OR VEGETATION. EXISTING UTILITIES SHOWN ON PLANS ARE APPROXIMATE BASED ON CITY OF KIRKLAND GIS DATA.
5. UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE BASED ON CITY OF KIRKLAND GIS DATA. LOCATIONS OF POTENTIAL CONFLICT MUST BE POTHOLED PRIOR TO TRENCHING. ADDITIONAL UNDERGROUND UTILITIES MAY EXIST THAT ARE NOT DEPICTED ON THESE PLANS. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO DETERMINE IF ADDITIONAL UNDERGROUND UTILITIES MAY EXIST WITHIN THE LIMITS OF WORK.
6. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.

PAVING AND CHANNELIZATION CONSTRUCTION NOTES:
1. INSTALL DETECTABLE WARNING STRIP FULL WIDTH OF ISLAND OPENING. DETECTABLE WARNING STRIP SHALL CONFORM TO CITY OF KIRKLAND PRE-APPROVED PLAN CK-R.25. EMBED WARNING STRIP INTO FRESHLY-PLACED CONCRETE TO RUN FLUSH WITH ADJOINING WALKING SURFACES.
2. INSTALL DETECTABLE WARNING STRIP FULL WIDTH OF ISLAND OPENING. DETECTABLE WARNING STRIP SHALL CONFORM TO CITY OF KIRKLAND PRE-APPROVED PLAN CK-R.25. EMBED WARNING STRIP INTO FRESHLY-PLACED CONCRETE TO RUN FLUSH WITH ADJOINING WALKING SURFACES.
3. INSTALL DETECTABLE WARNING STRIP FULL WIDTH OF ISLAND OPENING. DETECTABLE WARNING STRIP SHALL CONFORM TO CITY OF KIRKLAND PRE-APPROVED PLAN CK-R.25. EMBED WARNING STRIP INTO FRESHLY-PLACED CONCRETE TO RUN FLUSH WITH ADJOINING WALKING SURFACES.
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5. INSTALL DETECTABLE WARNING STRIP FULL WIDTH OF ISLAND OPENING. DETECTABLE WARNING STRIP SHALL CONFORM TO CITY OF KIRKLAND PRE-APPROVED PLAN CK-R.25. EMBED WARNING STRIP INTO FRESHLY-PLACED CONCRETE TO RUN FLUSH WITH ADJOINING WALKING SURFACES.
6. INSTALL DETECTABLE WARNING STRIP FULL WIDTH OF ISLAND OPENING. DETECTABLE WARNING STRIP SHALL CONFORM TO CITY OF KIRKLAND PRE-APPROVED PLAN CK-R.25. EMBED WARNING STRIP INTO FRESHLY-PLACED CONCRETE TO RUN FLUSH WITH ADJOINING WALKING SURFACES.
7. INSTALL DETECTABLE WARNING STRIP FULL WIDTH OF ISLAND OPENING. DETECTABLE WARNING STRIP SHALL CONFORM TO CITY OF KIRKLAND PRE-APPROVED PLAN CK-R.25. EMBED WARNING STRIP INTO FRESHLY-PLACED CONCRETE TO RUN FLUSH WITH ADJOINING WALKING SURFACES.

PAVING AND CHANNELIZATION LEGEND:

RIGHT-OF-WAY
CAST-IN-PLACE TRUNCATED DOME TACTILE WARNING SURFACE PER PRE-APPROVED PLAN NO. CK-R.25B
FULL DEPTH HI-ABS CEMENT CONCRETE PAVEMENT 4" DEPTH CLASS 4000 CEMENT CONCRETE PAVEMENT OVER 2" DEPTH 1-1/4" MINUS SUBBASE MATERIAL CLASS 3000 CEMENT CONCRETE EXTRUDED CURB PER PRE-APPROVED PLAN NO. CK-R.19.
10' CROSSWALK PER PRE-APPROVED PLAN NO. CK-R.28 & CK-R-28B
PAINT HMA STAMPED BRICK PATTERN WITH FIX ALL / FLOOR COATINGS FO6525 CRIMSON PAINT HMA STAMPED BRICK PATTERN WITH FIX ALL / FLOOR COATINGS FO6525 CRIMSON
NOTES:
1. SEE SHEET BINDER FOR GENERAL NOTES AND LEGEND.
2. SEE SHEET BINDER FOR TREE PROTECTION, TREE AND VEGETATION TRIMMING, AND ENSURE THAT ALL CONDITIONS ARE MET.
3. ALL DIMENSIONS ARE IN FEET, UNLESS OTHERWISE NOTED.
4. REPAIRS AND RECONSTRUCTION ARE TO BE PERFORMED IN Accordance WITH CITY REQUIREMENTS.
5. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF THE ENGINEER'S SURVEY POINTS. LOCATIONS SHALL BE DETERMINED IN THE FIELD BASED ON CONDITIONS. POINTS SHALL NOT BE USED TO CONFLICT WITH EXISTING UTILITIES. SEE LEGEND.
6. UNDERGROUND UTILITIES LOCATIONS ARE APPROXIMATE BASED ON CITY OF KIRKLAND GIS DATA. LOCATIONS OF POTENTIAL CONFLICT MUST BE POTHOLED PRIOR TO TRENCHING.
7. ADDITIONAL UNDERGROUND UTILITIES MAY EXIST THAT ARE NOT DEPICTED ON THESE PLANS. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO DETERMINE IF ADDITIONAL UNDERGROUND UTILITIES MAY EXIST WITHIN THE LIMITS OF WORK.
8. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.

PAVING AND CHANNELIZATION LEGEND:
- FULL DEPTH HMA WITH STAMPED BRICK PATTERN.
- 4" DEPTH CLASS 4000 CEMENT CONCRETE PAVEMENT OVER 2" DEPTH 1-1/4" MINUS SUBBASE MATERIAL.
- CLASS 3000 CEMENT CONCRETE EXTRUDED CURB PER PRE-APPROVED PLAN NO. CK-R.19.
- 10' CROSSWALK PER PRE-APPROVED PLAN NO. CK-R.28 & CK-R.28B.

PAVING AND CHANNELIZATION CONSTRUCTION NOTES:
1. INSTALL DETECTABLE WARNING STRIP FULL WIDTH OF ISLAND OPENING. DETECTABLE WARNING STRIP SHALL CONFORM TO CITY OF KIRKLAND PRE-APPROVED PLAN CK-R.25.
2. EMBED WARNING STRIP INTO FRESHLY-PLACED CONCRETE TO RUN FLUSH WITH ADJOINING WALKING SURFACES.
3. PAINT CURB YELLOW AND APPLY GLASS TRAFFIC PAINT BEADS PER SPECIFICATIONS.
5. REPLACE ASPHALT WHERE SIGN POST REMOVED.
6. POTENTIAL LOCATIONS OF POTENTIAL UTILITY CONFLICT
7. CALL LGSDP, SEBRAKE, ENGINEER, ASPHALT PAVEMENT, AND CONTRACTOR PAVEMENT TO DETERMINE IF ADDITIONAL signalling MAY OCCUR WITHIN THE LIMITS OF WORK.
8. RESTORE ASPHALT WHERE SIGN POST REMOVED.

SCALE IN FEET

9/01/2020

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720 3RD AVENUE, SUITE 2020, SEATTLE, WA 98104
PHONE: 206.297.1601 FAX: 301.927.2800
www.tooledesign.com
NOTES:
1. SEE SHEET BORDERS FOR GENERAL NOTES AND LEGEND.
2. SEE SHEET BORDERS FOR TREE PROTECTION, TREE AND VEGETATION TRIMMING, AND SEWER AND CHANNELIZATION PROVISIONS.
3. ALL DIMENSIONS ARE IN FEET, UNLESS OTHERWISE NOTED.
4. ELEVATIONS ARE SHOWN RELATIVE TO EL 5.00.
5. UTILITIES SHALL BE DETERMINED BY THE SUBMITTER PRIOR TO INSTALLATION. LOCATIONS SHOWN ARE APPROXIMATE. ACTUAL LOCATIONS SHALL BE DETERMINED IN THE FIELD BASED ON CONDITIONS. UTILITIES SHALL NOT BE PLACED IN CONFLICT WITH CROSSWALKS, UTILITIES, OR VEGETATION. SUBMITTER SHALL NOT BE PLACED WHERE DECK LIVES TO THE STREET IS BLOCKED BY TRIBES.
6. UNDERGROUND UTILITY LOCATION SHOWN ARE APPROXIMATE BASED ON CITY OF KIRKLAND'S DATA. LOCATIONS OF POTENTIAL CONFLICT MUST BE POTHOLED PRIOR TO INSTALLATION.
7. ALL DIMENSIONS ARE APPROXIMATE UNLESS OTHERWISE NOTED.
8. CONTRACTOR SHALL DETERMINE WHETHER INCORPORATED UTILITIES ARE EXISTING OR NEW.
9. UTILITIES ARE LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.

PAVING AND CHANNELIZATION LEGEND:

PAVING AND CHANNELIZATION CONSTRUCTION NOTES:
1. INSTALL INSTALLED CAST-IN-PLACE TRUNCATED DOME TACTILE WARNING SURFACE PER PRE-APPROVED PLAN NO. CK-R-25.
2. FULL DEPTH HMA WITH STAMPED BRICK PATTERN.
3. 4" DEPTH CLASS 4000 CEMENT CONCRETE PAVEMENT.
4. EXTRUDED CURB PER PRE-APPROVED PLAN NO. CK-R-19.
5. ALL DIMENSIONS ARE IN FEET, UNLESS OTHERWISE NOTED.
6. SIGN AND SYMBOL MARKING LOCATIONS SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION. LOCATIONS SHOWN ARE APPROXIMATE. ACTUAL LOCATIONS SHALL BE DETERMINED IN THE FIELD BASED ON CONDITIONS. SIGN AND SYMBOL MARKING LOCATIONS SHALL NOT BE PLACED WHERE CONFLICT WITH DRIVEWAYS, UTILITIES, OR VEGETATION. SIGN AND SYMBOL MARKING LOCATIONS SHALL NOT BE PLACED WHERE DECK LIVES TO THE STREET IS BLOCKED BY TRIBES.
7. UNDERGROUND UTILITY LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO INSTALLATION.
8. UTILITIES ARE LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO INSTALLATION.
9. ALL DIMENSIONS ARE APPROXIMATE BASED ON CITY OF KIRKLAND'S DATA. LOCATIONS OF POTENTIAL CONFLICT MUST BE POTHOLED PRIOR TO INSTALLATION.
10. CONTRACTOR SHALL DETERMINE WHETHER INCORPORATED UTILITIES ARE EXISTING OR NEW.
11. UTILITIES ARE LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO INSTALLATION.

PAVING AND CHANNELIZATION CONSTRUCTION NOTES:
1. INSTALL INSTALLED DETECTABLE WARNING STRIP FULL WIDTH OF ISLAND OPENING. DETECTABLE WARNING STRIP SHALL CONFORM TO CITY OF KIRKLAND PRE-APPROVED PLAN CK-R-25. EMBED WARNING STRIP INTO FRESHLY-PLACED CONCRETE TO RUN FLUSH WITH ADJOINING WALKING SURFACES.
2. PAINT CURB YELLOW AND APPLY GLASS TRAFFIC PAINT BEADS PER SPECIFICATIONS.
3. REPAIR CEMENT CONCRETE EXTRUDED CURB PER PRE-APPROVED PLAN NO. CK-R-19.
4. RESTORE ASPHALT WHERE SIGN POST REMOVED.
5. POTHOLE LOCATIONS OF POTENTIAL UTILITY CONFLICT.
6. RESTORE LANDSCAPE, SIDEWALK PAVEMENT, ASPHALT PAVEMENT, AND EXTRUDED CURB TO EXISTING CONDITION OR PER PLANS AT RRFB SIGNALPOST AND TRENCHING LOCATIONS. SEE CITY OF KIRKLAND POLICY R-5, AND PRE-APPROVED PLANS CK-R-12, CK-R-13A, AND CK-R-23.

SCALE IN FEET
10' CW
PAVING AND CHANNELIZATION PLAN
(SCHEDULE A - BASE BID)

CITY OF KIRKLAND
736 3RD AVENUE, SUITE 2020
SEATTLE, WA 98104
PHONE: (206) 296-1601
FAX: 301-927-2800
www.tooledesign.com

NE 116TH STREET
CROSSWALK UPGRADES
KIRKLAND, WA

PROJECT NO.
DATEREVISION BY
NO. APVD
CHECK
DATE
DRAWING NO.
SHEET NO.

NMC0120100
720 3RD AVENUE, SUITE 2020
SEATTLE, WA 98104
PHONE: 206.297.1601
FAX: 301.927.2800
www.tooledesign.com

NE 116TH ST
110TH AVE NE
110TH AVE NE
110TH AVE NE
110TH AVE NE
110TH AVE NE
SCALE IN FEET
5 10 020
CH3
09/01/2020
PAVING AND CHANNELIZATION PLAN
(SCHEDULE A - BASE BID)
PAVING AND CHANNELIZATION CONSTRUCTION NOTES:

1. INSTALL INSTALL DETECTABLE WARNING STRIP FULL WIDTH OF ISLAND OPENING. DETECTABLE WARNING STRIP SHALL CONFORM TO CITY OF KIRKLAND PRE-APPROVED PLAN CK-R-25. EMBED WARNING STRIP INTO FRESHLY-PLACED CONCRETE TO RUN FLUSH WITH ADJOINING WALKING SURFACES.

2. PAINT CURB YELLOW AND APPLY GLASS TRAFFIC PAINT BEADS PER SPECIFICATIONS.

3. REPAIR CEMENT CONCRETE EXTRUDED CURB PER PRE-APPROVED PLAN NO. CK-R-19.

4. RESTORE ASPHALT WHERE SIGN POST REMOVED.

5. POTHOLE LOCATIONS OF POTENTIAL UTILITY CONFLICT.

6. RESTORE LANDSCAPE, SIDEWALK PAVEMENT, ASPHALT PAVEMENT, AND EXTRUDED CURB TO EXISTING CONDITION OR PER PLANS AT RRFB SIGNAL POST AND TRENCHING LOCATIONS. SEE CITY OF KIRKLAND POLICY R-5, AND PRE-APPROVED PLANS CK-R-12, CK-R-13A, AND CK-R-23.
CLASS 3000 EXTRUDED CEMENT CONCRETE CURB PER PRE-APPROVED PLAN CK-R.19
EXISTING PAVEMENT
1.5"
HMA CLASS 1/2" WITH STAMPED BRICK PATTERN. PAINT HMA WITH FIX ALL/FLOOR COATINGS FOR CRIMSON OR APPROVED EQUAL
5/8" MINUS COMPACTED BACKFILL PER WSDOT STD. SPEC. 9-03

BRICK PATTERNED ASPHALT TRAFFIC ISLAND
N.T.S.

ADHESIVE MEETING REQUIREMENTS OF SECTION 9-26.1 FOR TYPE-II EPOXY BONDING AGENT
R = 1"
R = 1.5"
5/8" MINUS COMPACTED BACKFILL PER WSDOT STD. SPEC. 9-03
CONSTRUCTION NOTES:

1. INSTALL AC-POWERED RECTANGULAR RAPID FLASH BEACON (RRFB) SYSTEM BACK-TO-BACK INCLUDING POLE, FOUNDATION, CONTROLLER CABINET ENCLOSURE AND CONTROLLER UNIT. SIGNAL, LIGHT BARS, AND PUSH BUTTON PER DRAWING TSDT1 DETAIL A. CONTROLLER CABINET ENCLOSURE SHALL BE INSTALLED ON NORTH SIDE OF THE POLE.

2. INSTALL AC-POWERED RECTANGULAR RAPID FLASH BEACON (RRFB) SYSTEM BACK-TO-BACK INCLUDING POLE, FOUNDATION, SIGNAL, LIGHT BARS, AND PUSH BUTTON PER DRAWING TSDT1 DETAIL A.

3. SUPPLY AND INSTALL SERVICE CABINET. SERVICE CABINET SHALL BE 125VAC AND SERVICE CABINET SHALL BE MILBANK OFA1111XAKSL OR APPROVED EQUAL. INSTALL SERVICE CABINET FOUNDATION PER SERVICE CABINET MANUFACTURERS REQUIREMENTS AND SPECIAL, PROVISION 8-20. COORDINATE WITH CITY OF KIRKLAND AND PSE FOR SERVICE CONNECTION.

4. REMOVE EXISTING POST AND SIGN AND RETURN TO CITY OF KIRKLAND TO RECYCLE. COORDINATE WITH THE CITY ENGINEER FOR DELIVERY.

5. INSTALL SLIP-RESISTANT TYPE 2 JUNCTION BOX PER WSDOT STANDARD PLAN 240-10-04: MARK UP WITH "TS".

6. INSTALL PSE SERVICE JUNCTION BOX. COORDINATE WITH CITY OF KIRKLAND AND PSE FOR JUNCTION BOX STANDARD, LOCATION, AND SERVICE CONNECTION.

7. TRENCH FOR CONDUIT INSTALLATION AND RESTORE TO MATCH EXISTING CONDITION. OPEN TRENCHING SHALL BE PER SPECIAL, PROVISION 8-20.

8. INSTALL ONE 2" CONDUIT RISER ON POLE FOR RRFB SERVICE. PULL SERVICE CONDUCTORS TO TOP OF RISER AND COIL 15' OF WIRE FOR CONNECTION BY PSE. COORDINATE WITH THE CITY ENGINEER AND PSE FOR CONDUIT RISER INSTALLATION, NUMBER OF WIRES, WIRE SIZE AND SERVICE CONNECTION.

9. SEE TSDT1 DETAIL B FOR INSTALLING SIGNAL STANDARD FOUNDATION ON CEMENT CONCRETE CURB.

GENERAL NOTES:

1. RRFB, PUSH BUTTON POST, AND CONDUIT LOCATIONS SHOWN ARE APPROXIMATE. FINAL INSTALLATION LOCATION SHALL AVOID CURB RAMP AND LANDING AREA, AND SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO CONSTRUCTION.

2. ALL WORK SHALL BE PERFORMED PER CITY OF KIRKLAND STANDARD PLANS AND SPECIFICATIONS, UNLESS OTHERWISE NOTED IN THE DRAWING.

3. INVESTIGATE EXISTING UNDERGROUND UTILITIES PRIOR TO ANY POLE FOUNDATION EXCAVATION OR CONDUIT TRENCHING TO AVOID DAMAGE TO ANY EXISTING UNDERGROUND UTILITIES.

4. CONDUITS SHALL BE SCHEDULE 80 PVC UNLESS NOTED OTHERWISE.

5. ALL MATERIALS SHALL GO THROUGH THE SUBMITTAL REVIEW PROCESS AND BE APPROVED BY THE CITY ENGINEER.

6. REFERENCE TO CITY'S PRE-APPROVED POLICY R-24: RECTANGULAR RAPID FLASH BEACON (RRFB) INSTALLATION POLICY FOR RRFB COMPONENT LIST.

7. REFERENCE SHEETS SP1 AND CH1 FOR SITE PREPARATION, PAVING, AND CHANNELIZATION PLANS.

8. NO UNDERGROUND UTILITIES HAVE BEEN LOCATED DURING DESIGN. THE CONTRACTOR SHALL COORDINATE WITH THE CITY ENGINEER DURING CONSTRUCTION TO AVOID UTILITY CONFLICTS DURING TRENCHING ACTIVITIES.

9. ANY EXCAVATION IN PROXIMITY TO AN EX. POLE OR DOWN-GUY MUST BE DONE WITHOUT UNDERMINING THEIR STABILITY. INSPECTION IS REQUIRED PRIOR TO ANY EXCAVATION. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SUPPORT WHICH MAY BE REQUIRED TO STABILIZE THE POLE. IF EXCAVATION IS DONE WITHIN FIVE FEET (5') OF ANY EX POLE, THE CONTRACTOR MUST PROVIDE TEMPORARY SUPPORT TO BE APPROVED BY THE CITY ENGINEER.

10. REFER TO CITY’S PRE-APPROVED POLICY R-24: RECTANGULAR RAPID FLASH BEACON (RRFB) INSTALLATION POLICY FOR RRFB COMPONENT LIST.

11. INSTALL POWER CONDUIT RISER ON POLE FOR RRFB SERVICE. PULL SERVICE CONDUCTORS TO TOP OF RISER AND COIL 15' OF WIRE FOR CONNECTION BY PSE.

12. COORDINATE WITH THE CITY ENGINEER AND PSE FOR CONDUIT RISER INSTALLATION, NUMBER OF WIRES, WIRE SIZE AND SERVICE CONNECTION.

WIRING SCHEDULE:

<table>
<thead>
<tr>
<th>RUN NO.</th>
<th>CONDUIT SIZE</th>
<th>SERVICE</th>
<th>POWER</th>
<th>CONTROLLER</th>
<th>RRFB</th>
<th>PUSH BUTTON</th>
<th>PULL TAPE</th>
<th>REMARK</th>
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<tr>
<td>1</td>
<td>2&quot; PVC</td>
<td>2-#6</td>
<td></td>
<td>1-8CGROUND</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td></td>
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<tr>
<td>2</td>
<td>2&quot; PVC</td>
<td>1-4C</td>
<td></td>
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<td>1</td>
<td>1</td>
<td>1</td>
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</tr>
<tr>
<td>3</td>
<td>2&quot; PVC SPARE</td>
<td>2-#10</td>
<td></td>
<td>2</td>
<td>1</td>
<td>1</td>
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<tr>
<td>4</td>
<td>2&quot; PVC</td>
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<tr>
<td>5</td>
<td>2&quot; PVC SPARE</td>
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<tr>
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<td>2&quot; PVC</td>
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</table>

CONDUCTOR SIZE, CONDUCTORS AND NUMBER OF SERVICE SUPPLY AND INSTALL SERVICE CABINET. SERVICE SHALL BE 120VAC AND SERVICE CABINET SHALL BE MILBANK OFA1111XAKSL OR APPROVED EQUAL. INSTALL SERVICE CABINET FOUNDATION PER SERVICE CABINET MANUFACTURERS REQUIREMENTS AND SPECIAL, PROVISION 8-20. COORDINATE WITH CITY OF KIRKLAND AND PSE FOR SERVICE CONNECTION.

COORDINATE WITH THE CITY ENGINEER FOR DELIVERY.

SEE TSDT1 DETAIL B FOR INSTALLING SIGNAL STANDARD FOUNDATION ON CEMENT CONCRETE CURB.

INSTALL SLIP-RESISTANT TYPE 2 JUNCTION BOX PER WSDOT STANDARD PLAN 240-10-04: MARK UP WITH "TS".

INSTALL PSE SERVICE JUNCTION BOX. COORDINATE WITH CITY OF KIRKLAND AND PSE FOR JUNCTION BOX STANDARD, LOCATION, AND SERVICE CONNECTION.

TRENCH FOR CONDUIT INSTALLATION AND RESTORE TO MATCH EXISTING CONDITION. OPEN TRENCHING SHALL BE PER SPECIAL, PROVISION 8-20.

INSTALL ONE 2" CONDUIT RISER ON POLE FOR RRFB SERVICE. PULL SERVICE CONDUCTORS TO TOP OF RISER AND COIL 15' OF WIRE FOR CONNECTION BY PSE. COORDINATE WITH THE CITY ENGINEER AND PSE FOR CONDUIT RISER INSTALLATION, NUMBER OF WIRES, WIRE SIZE AND SERVICE CONNECTION.

SEE TSDT1 DETAIL B FOR INSTALLING SIGNAL STANDARD FOUNDATION ON CEMENT CONCRETE CURB.

INSTALL AC-POWERED RECTANGULAR RAPID FLASH BEACON (RRFB) SYSTEM BACK-TO-BACK INCLUDING POLE, FOUNDATION, CONTROLLER CABINET ENCLOSURE AND CONTROLLER UNIT. SIGNAL, LIGHT BARS, AND PUSH BUTTON PER DRAWING TSDT1 DETAIL A. CONTROLLER CABINET ENCLOSURE SHALL BE INSTALLED ON NORTH SIDE OF THE POLE.

INSTALL AC-POWERED RECTANGULAR RAPID FLASH BEACON (RRFB) SYSTEM BACK-TO-BACK INCLUDING POLE, FOUNDATION, SIGNAL, LIGHT BARS, AND PUSH BUTTON PER DRAWING TSDT1 DETAIL A.

SUPPLY AND INSTALL SERVICE CABINET. SERVICE CABINET SHALL BE 125VAC AND SERVICE CABINET SHALL BE MILBANK OFA1111XAKSL OR APPROVED EQUAL. INSTALL SERVICE CABINET FOUNDATION PER SERVICE CABINET MANUFACTURERS REQUIREMENTS AND SPECIAL, PROVISION 8-20. COORDINATE WITH CITY OF KIRKLAND AND PSE FOR SERVICE CONNECTION.

REMOVE EXISTING POST AND SIGN AND RETURN TO CITY OF KIRKLAND TO RECYCLE. COORDINATE WITH THE CITY ENGINEER FOR DELIVERY.

INSTALL SLIP-RESISTANT TYPE 2 JUNCTION BOX PER WSDOT STANDARD PLAN 240-10-04: MARK UP WITH "TS".

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CONSTRUCTION NOTES:

1. REMOVE EXISTING SCHOOL ZONE FLASHING BEACON SYSTEM AND POST.
2. INSTALL SOLAR-POWERED SCHOOL ZONE FLASHING BEACON SYSTEM INCLUDING SINGLE INTEGRATED SOLAR ENGINE AND FLASHING BEACON, SIGN, FOUNDATION, AND ASSOCIATED WIRING AND MOUNTING HARDWARE. PROVIDE 18" FROM CENTER OF POST TO FACE OF CURB AND PROVIDE MINIMUM 4' SIDEWALK WIDTH BEHIND THE POST.
3. COORDINATE WITH PSE TO REMOVE EXISTING SERVICE CONDUCTORS TO NEAREST PSE DISCONNECT.

COORDINATE WITH PSE TO REMOVE EXISTING SCHOOL ZONE FLASHING BEACON SYSTEM AND POST.

INSTALL SOLAR-POWERED SCHOOL ZONE FLASHING BEACON SYSTEM INCLUDING SINGLE INTEGRATED SOLAR ENGINE AND FLASHING BEACON, SIGN, FOUNDATION, AND ASSOCIATED WIRING AND MOUNTING HARDWARE. PROVIDE 18" FROM CENTER OF POST TO FACE OF CURB AND PROVIDE MINIMUM 4' SIDEWALK WIDTH BEHIND THE POST.

COORDINATE WITH PSE TO REMOVE EXISTING SERVICE CONDUCTORS TO NEAREST PSE DISCONNECT.

NOTES:
1. INSTALL CARMANAH R829-E SOLAR SCHOOL ZONE FLASHING BEACON SYSTEM, OR APPROVED EQUAL, INCLUDING SOLAR ENGINE, FLASHING BEACON, AND SCHOOL LIMIT SIGN PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

2. SEE CITY OF KIRKLAND STANDARD PLAN CK-R-43 FOR SIGN INSTALLATION AND FOUNDATION DETAILS.
REUSE OF DOCUMENTS

ALL DRAWINGS ARE INSTRUMENTS OF PROFESSIONAL SERVICE FOR THIS PROJECT.
REUSE OR ALTERATION IS AT THE USER'S SOLE RISK.

DATE
DRAWING NO.
SHEET NO.

NMC0120100
NE 116TH STREET
CROSSWALK UPGRADES
KIRKLAND, WA

SCALE IN FEET

CITY OF KIRKLAND
123 FIFTH AVENUE
KIRKLAND, WA 98033
PHONE: (425) 587-3000

AC POWERED RECTANGULAR RAPID FLASH BEACON
DETAIL A (NTS)

SIGNAL STANDARD FOUNDATION ON CEMENT CONCRETE CURB
DETAIL B (NTS)

NOTES

1. RECTANGULAR RAPID FLASH BEACON SHALL BE ELTEC RRFB
LIGHT HEADS AND ELTEC RRFB POLE MOUNT LIGHT ENCLOSURE OR APPROVED EQUAL. SEE MANUFACTURERS INSTALLATION GUIDE FOR INSTALLATION DETAILS.

2. CONTROLLER CABINET ENCLOSURE SHALL BE SLIMLINE 100 CABINET OR APPROVED EQUAL. THE CABINET ENCLOSURE SHALL BE SIZED BY THE RRFB MANUFACTURER.

3. THE PEDESTRIAN PUSH BUTTON AND SIGN ASSEMBLY SHALL BE POLARA MODEL XAVE-LED PUSH BUTTON STATION OR APPROVED EQUAL. PEDESTRIAN PUSH BUTTON CUSTOM MESSAGE SHALL BE "YELLOW LIGHTS ARE FLASHING" SEE MANUFACTURERS INSTALLATION GUIDE FOR INSTALLATION DETAILS.

4. SEE WSDOT STANDARD PLAN J-21.10-04 FOR SIGNAL STANDARD FOUNDATION. POLE BASE SHALL BE PELCO PB-5100 OR APPROVED EQUAL. COLLAR SHALL BE PELCO PB-5325 OR APPROVED EQUAL. SEE MANUFACTURERS INSTALLATION GUIDE FOR BASE AND COLLAR INSTALLATION DETAILS.

5. SEE WSDOT STANDARD PLAN G-30.10-04 FOR SIGN INSTALLATION ON SIGNAL STANDARD DETAILS.

12 PELCO-SPUN ALUM. POLE, SCH 40, PB-5100 OR APPROVED EQUAL
PEDESTRIAN PUSH BUTTON AND SIGN ASSEMBLY
(SEE NOTE 3)

SIGN W11-2 (FLUORESCENT GREEN-YELLOW)
PEDESTRIAN CROSSING SIGN

MOUNTING BRACKET
AND STEEL STRAP (TYP.)
(SEE NOTE 5)

MATCHLINE
SIDE ELEVATION VIEW
BI-DIRECTIONAL CONFIGURATION DETAILS

30" (IN) x 30" (IN)
SIGN W11-2
(FLUORESCENT GREEN-YELLOW)

PEDESTRIAN PUSH BUTTON TO TURN ON WARNING LIGHTS

CONTROLLER CABINET ENCLOSURE MOUNTED TO NORTH SIDE OF POLE.
(SEE NOTE 2)

WINDBEAM (TYP.)
SIGN W11-2
(FLUORESCENT GREEN-YELLOW)

NOTES

SEE NOTE 4
CONTROLLER CABINET ENCLOSURE MOUNTED TO NORTH SIDE OF POLE.
(SEE NOTE 2)

POLE CAP, ALUMINUM WITH STAINLESS STEEL FASTENERS