

CITY OF KENMORE

CONCRETE PACKAGE

CITY PROJECT NO. 0186

SHEET INDEX

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3-5	CURB RAMP PLAN	CR1-CR3
6-7	CURB RAMP DETAILS	CRD1-CRD2
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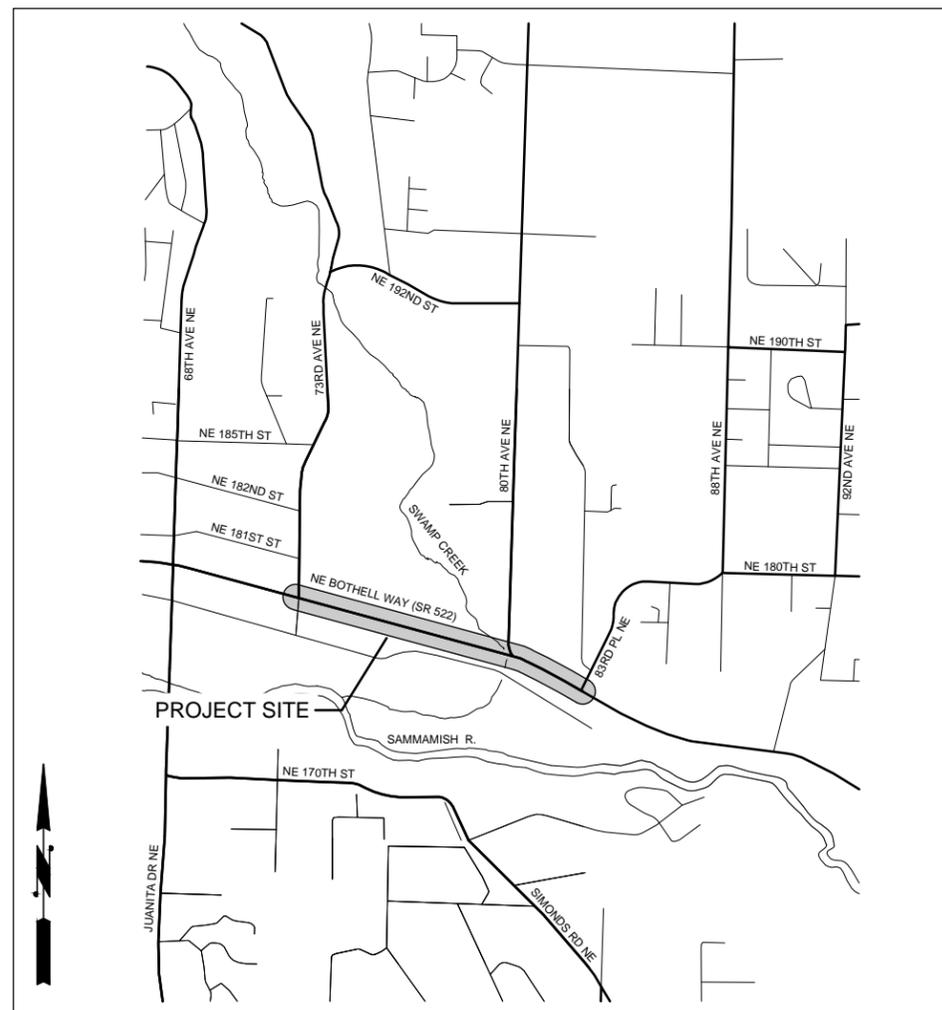
CITY OFFICIALS:

MAYOR:

DAVID BAKER

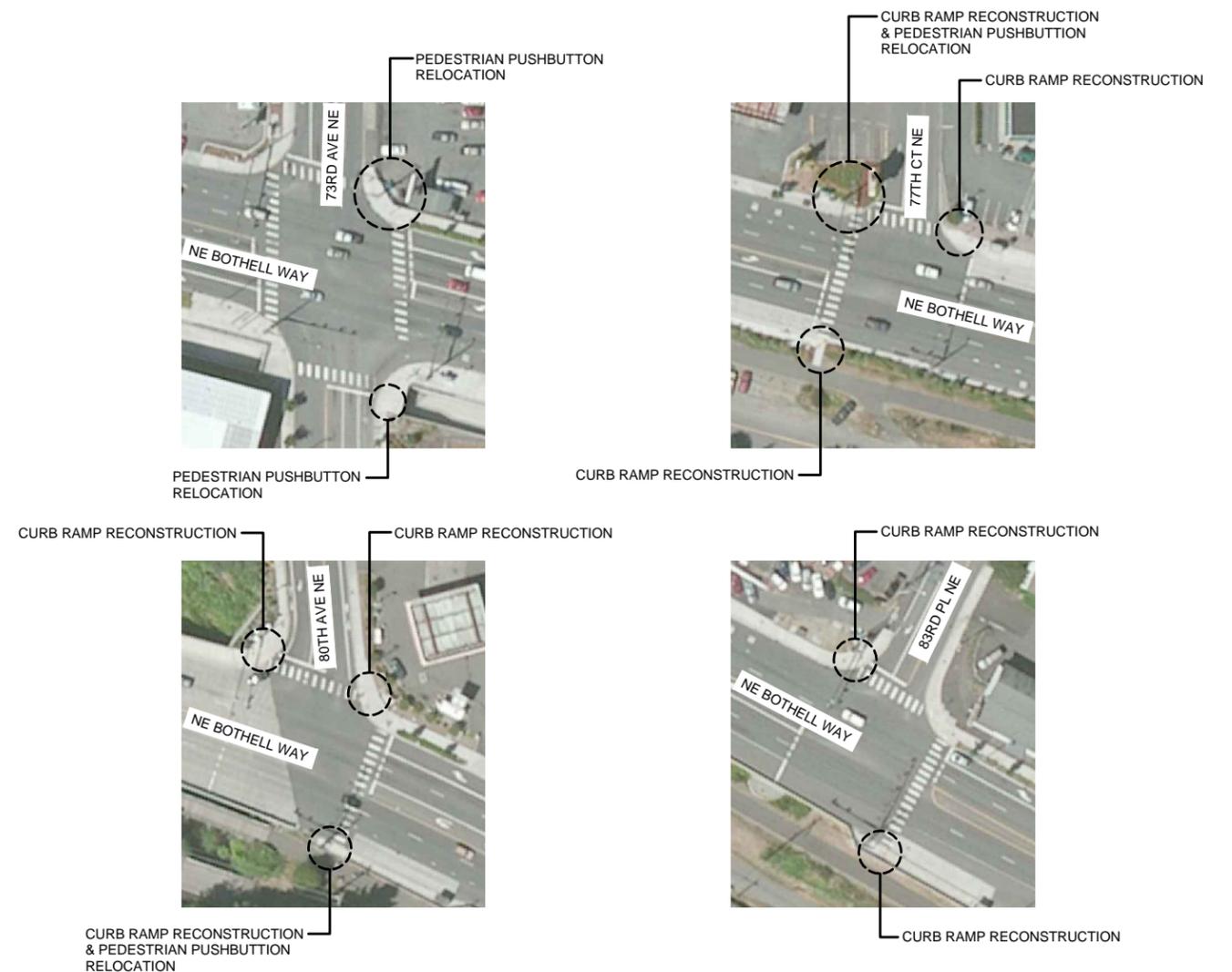
COUNCIL MEMBERS:

GLENN ROGERS, DEPUTY MAYOR
BRENT SMITH
LAURIE SPERRY
MILTON CURTIS
NIGEL HERBIG
ALLAN VANNESS



VICINITY MAP

NOT TO SCALE



SITE MAPS

NOT TO SCALE



Drawn By T. SEKULICH	Date 06/17/2014	SCALE N/A	Drawing No. CV1
Designed By M. MAGEE	Date 06/17/2014	Horiz N/A	Sheet No. 1
Checked By D. SMITH	Date 06/17/2014	Vert N/A	11
Approved By		Project Number 20120170.005	of Total

WATER SYMBOLS

SYMBOL	EXIST.	PROP.	DESCRIPTION
			CAP/PLUG
			COUPLING
			GUARD POST
			REDUCER
			THRUST BLOCKING
			WATER METER
			FIRE HYDRANT 2-NOZZLE
			FIRE HYDRANT 3-NOZZLE
JOINTS:			
			FLANGE/BLIND FL (FL) (BL FL)
			MECHANICAL JOINT (MJ)
			PUSH-ON/HUB
VALVES:			
			AIR RELIEF VALVE
			BLOW-OFF VALVE
			BUTTERFLY VALVE
			GATE/GENERAL VALVE
			WATER MANHOLE

SIGNALIZATION SYMBOLS

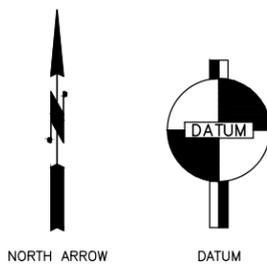
SYMBOL	EXIST.	PROP.	DESCRIPTION
			DIPOLE DETECTOR
			QUADRUPOLE DETECTOR
			ROUND LOOP DETECTOR
			PEDESTRIAN DETECTOR
			INDICATOR LIGHT
			OPTICOM SENSOR
			FLASHING WARNING SYSTEM
			JUNCTION BOXES (TYPE 1, 2, 8)
			PEDESTRIAN PUSHBUTTON POST W/ PUSHBUTTON
			PEDESTRIAN SIGNAL HEAD
			SIGNAL POLE NOTE
			SIGNAL CONTROLLER
			SIGNAL LOAD CENTER
			STREET LIGHT ASSEMBLY
			TRAFFIC SIGN-BRIDGE
			TRAFFIC SIGN-CANTILEVERED
			TRAFFIC SIGN-SINGLE POST
			TRAFFIC SIGN-DOUBLE POST
			TRAFFIC SIGNAL POLE
			TRAFFIC SIGNAL POLE W/ LUMINAIRE
			TRAFFIC SIGNAL SUPPORT POLE
			VEHICLE SIGNAL HEAD
			VEHICLE SIGNAL HEAD W/ ARROW INDICATOR
			WIRE NOTE
			30" x 48" PPB CLEAR SPACE

CHANNELIZATION SYMBOLS

SYMBOL	EXIST.	PROP.	DESCRIPTION
			BIKE PATH
			BICYCLE DETECTION MARKING
			ONLY SCHOOL STOP
			MERGE ARROW
			LT/RT/STR. ARROW
			LEFT-RIGHT ARROW
			2-WAY LEFT TURN
			LEFT TURN ARROW
			RIGHT TURN ARROW
			LEFT-STRAIGHT ARROW
			RIGHT-STRAIGHT ARROW
			YIELD LINE MARKING

SURFACE FEATURES/LANDSCAPING

SYMBOL	EXIST.	PROP.	DESCRIPTION
			MAIL BOX
			RIP RAP
			ROCKERY
			SHRUB
			SIGN
			TREE (CONIFER)
			TREE (DECIDUOUS)
			FENCE POST
			WHEELCHAIR RAMP
			YARD LIGHT



SANITARY/STORM SEWER SYMBOLS

SYMBOL	EXIST.	PROP.	DESCRIPTION
			SANITARY SEWER CLEAN OUT
			SANITARY SEWER MANHOLE
			STORM DRAIN CATCH BASIN, TYPE 1
			STORM DRAIN CULVERT
			STORM DRAIN MANHOLE OR CATCH BASIN, TYPE 2

ABBREVIATIONS

ADJ	ADJUST
ALIGN	ALIGNMENT
ALT	ALTERNATE
AP	ANGLE POINT
APPROX	APPROXIMATELY
ASPH	ASPHALT
AVE	AVENUE
AVG	AVERAGE
BM	BENCH MARK
BOT	BOTTOM
BTWN	BETWEEN
CB	CATCH BASIN
CB1	CATCH BASIN TYPE 1
CB2	CATCH BASIN TYPE 2
CG	CURB & GUTTER
C/L, CL, C	CENTERLINE
COM	COMMON
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCT
CONT	CONTINUED/CONTINUOUS
DET	DETAIL
DWG	DRAWING
E	EAST, VERTICAL DISTANCE BETWEEN PVI AND ROAD SURFACE
EA	EACH
EL	ELEVATION
EX, EXIST	EXISTING
FH	FIRE HYDRANT
FT	FEET/FOOT
G	GAS LINE
GIS	GEOGRAPHIC INFORMATION SYSTEM
GE	GROUND ELEVATION
GV	GAS VALVE
HORIZ	HORIZONTAL
HPS	HIGH PRESSURE SODIUM
HT	HEIGHT
IE	INVERT ELEVATION
IN	INCH/INCHES
INT	INTERSECTION
K	RATE OF VERTICAL CURVATURE (LENGTH (FT) PER % DIFF. IN GRADE)
KCDCS	KING COUNTY DESIGN & CONSTRUCTION STANDARDS (2007)
L	LENGTH OF ARC
LB	POUND
LBS	POUNDS
LF	LINEAL FOOT/FEET
LT	LEFT
LUMIN	LUMINAIRE
MAX	MAXIMUM
MB	MAILBOX
MH	MANHOLE
MIN	MINIMUM
MON	MONUMENT
N	NORTH
NA	NOT APPLICABLE
NTS	NOT TO SCALE
OPP	OPPOSITE
PC	POINT OF CURVE
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENT
PVC	POLYVINYL CHLORIDE / POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVT	POINT OF VERTICAL TANGENT
R	RADIUS
REF	REFERENCE
RR	RAILROAD
RT	RIGHT
R/W, ROW	RIGHT OF WAY
S	SOUTH
SD	STORM DRAIN
STLT	STREET LIGHT
SLJB	STREET LIGHTING JUNCTION BOX
SS	SANITARY SEWER
SPU	SEATTLE PUBLIC UTILITIES
ST	STREET
STA	STATION
S/W	SIDEWALK
TESC	TEMPORARY EROSION & SEDIMENT CONTROL
TOC	TOP OF CURB
TV	TELEVISION
UTIL	UTILITY
VERT	VERTICAL
W	WEST, WATER LINE

LINETYPES

LINETYPE	DESCRIPTION
	SURFACE FEATURES:
	EXISTING BUILDING LINE
	EXISTING DITCH
	PROPOSED DITCH
	EXISTING CURB/PAVEMENT/SIDEWALK
	PROPOSED CURB/PAVEMENT/SIDEWALK
	EXISTING FENCE LINE
	PROPOSED FENCE LINE
	EXISTING GRAVEL
	EXISTING GUARDRAIL
	PROPOSED GUARDRAIL
	LAKE/POND
	WETLAND/SWAMP PERIMETER
	RAILROAD
	EXISTING RETAINING WALL
	PROPOSED RETAINING WALL
	RIVERBANK/ShORELINE
	VEGETATION LINE
SURVEY:	
	EXISTING CENTERLINE
	PROPOSED CENTERLINE
	EXISTING PROPERTY LINE
	EXISTING RIGHT OF WAY
	PROPOSED RIGHT OF WAY
	SECTION LINE
	QUARTER SECTION LINE
UTILITIES (EXISTING)	
	EXISTING BURIED TELEVISION
	EXISTING GAS LINE
	EXISTING AERIAL POWER
	EXISTING BURIED POWER
	EXISTING STORM DRAIN
	EXISTING FORCE MAIN
	EXISTING SANITARY SEWER
	EXISTING AERIAL TELEPHONE
	EXISTING BURIED TELEPHONE
	EXISTING WATER LINE
	EXISTING BURIED FIBER OPTIC
UTILITIES (PROPOSED)	
	PROPOSED GAS LINE
	PROPOSED AERIAL POWER
	PROPOSED BURIED POWER
	PROPOSED STORM DRAIN
	PROPOSED FORCE MAIN
	PROPOSED SANITARY SEWER
	PROPOSED AERIAL TELEPHONE
	PROPOSED BURIED TELEPHONE
	PROPOSED WATER LINE
CUSTOM:	
	CUT LINE
	FILL LINE
	PROPOSED CURB
	PAVING LIMITS

GAS/POWER/TELEPHONE SYMBOLS

SYMBOL	EXIST.	PROP.	DESCRIPTION
			GAS METER
			GAS VALVE
			PAD MOUNTED TRANSFORMER
			POWER VAULT
			UTILITY POLE
			UTILITY POLE ANCHOR
			TELEPHONE RISER
			TELEPHONE VAULT
			TELEPHONE MANHOLE

SURVEY SYMBOLS

SYMBOL	EXIST.	PROP.	DESCRIPTION
			ANGLE POINT
			BENCH MARK
			BLOCK CORNER
			IRON PIPE
			MONUMENT (IN CASE)
			MONUMENT (SURFACE)
SECTION DATA:			
			SECTION CENTER
			SECTION CORNER
			QUARTER CORNER
			SOIL BORING/POTHOLING

CALL 2 BUSINESS DAYS BEFORE YOU DIG
1 800 424-5555
UTILITIES UNDERGROUND LOCATION CENTER

Jun 18, 2014 - 4:32pm baskidich C:\Users\T\Sketchapp\local\temp\AcPublish_4760\20170.005 GN.dwg Layout Name: GN1

No.	Date	Revision	By	Appr.

Pertee
425-252-7700 | 1-800-615-9900
2707 Colby Avenue, Suite 900
Everett, Washington 98201



Drawn By	Date	SCALE
T. SEKULICH	06/17/2014	Horiz N/A
Designed By		Vert N/A
M. MAGEE	06/17/2014	Project Number
Checked By		20120170.005
D. SMITH	06/17/2014	
Approved By		

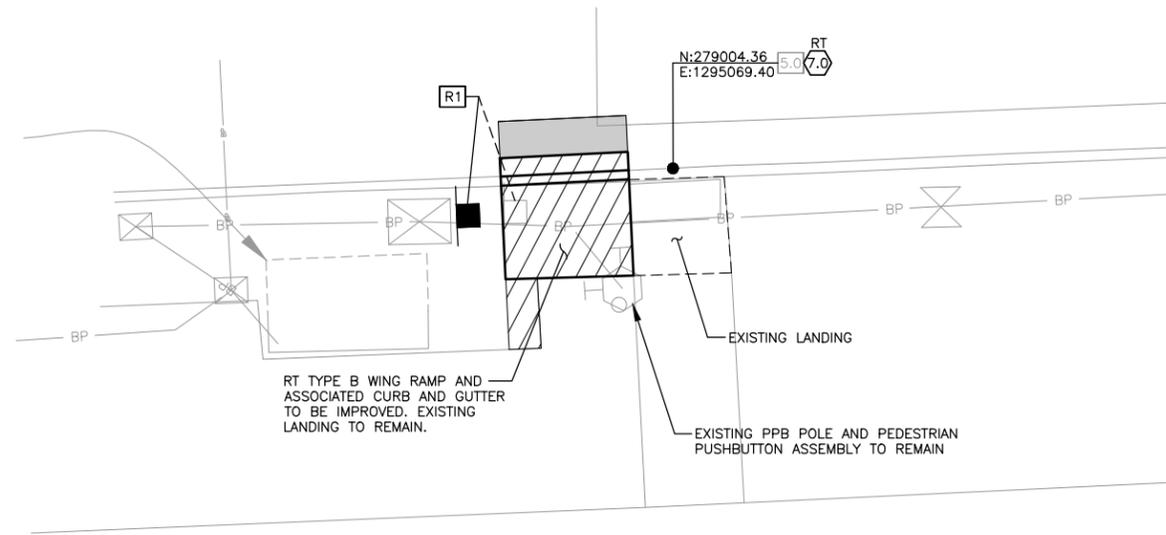
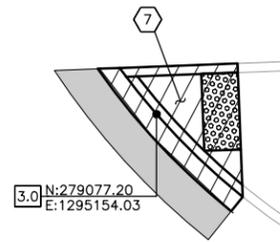
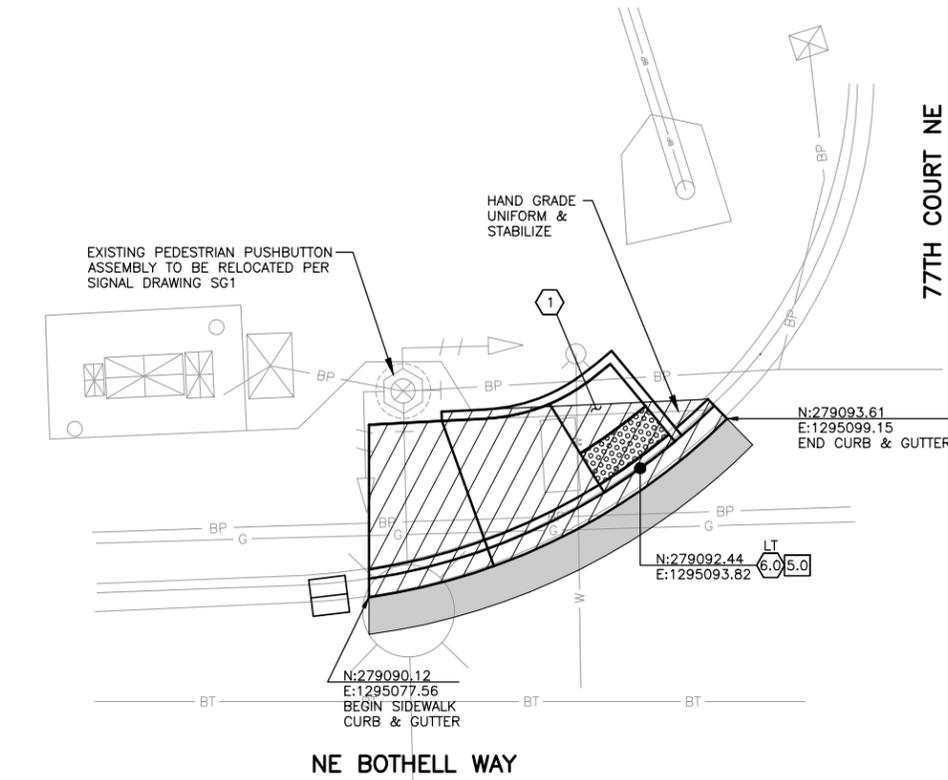
CITY OF KENMORE
CONCRETE PACKAGE

LEGEND & ABBREVIATIONS

Drawing No. **GN1**
Sheet No. **2** of **11** Total

SEC. 11 & 12, T. 26 N., R. 4 E., W.M.

77TH COURT NE



CONSTRUCTION NOTES:

- 1 CONSTRUCT CEMENT CONC. CURB RAMP TYPE B PER DETAIL SHEET CRD2.
- 2 CONSTRUCT CEMENT CONC. CURB RAMP TYPE A PER DETAIL SHEET CRD1.
- 3 CONSTRUCT ADA COMPLIANT LANDING, 2% MAXIMUM SLOPE ALL DIRECTIONS, 4'X4' MINIMUM DIMENSIONS.
- 4 ADJUST JUNCTION BOX TO GRADE.
- 5 DISCONNECT AND REMOVE TYPE PS POLE AND PULL BACK WIRING TO NEAREST JUNCTION BOX. REMOVE EXISTING FOUNDATION AND ASSOCIATED CONDUIT WITHIN THE EXCAVATION AREA. INTERCEPT EXISTING CONDUIT AND EXTEND INTO NEW FOUNDATION IN SAME LOCATION PER WSDOT STD. PLAN J-20.10-02. REINSTALL EXISTING TYPE PS POLE AND RECONNECT WIRING.
- 6 CONSTRUCT CEMENT CONCRETE PEDESTRIAN CURB PER WSDOT STD. PLAN F-10.12-02.
- 7 REPAIR CRACKED LANDING ON CURB RAMP TYPE C. ONLY PORTION OF RAMP TO BE REMOVED.

GENERAL NOTES:

1. ON CORNERS WHERE NO INLET PROTECTION IS SHOWN, INSTALL INLET PROTECTION AT DOWNSTREAM INLET NEAREST TO THE PROPOSED IMPROVEMENTS.
2. CITY REPRESENTATIVE WILL ASSIST WITH STAKING DEMOLITION LIMITS.
3. REPLACE SIDEWALK TO JOINT NEAREST NORTHING & EASING, TO A MINIMUM OF 5FT ADJACENT TO PROPOSED CURB RAMP. SEE SHEETS CRD1-CRD2 FOR ADDITIONAL DETAIL.
4. FOR ALL PROPOSED SIDEWALK AREAS, EXISTING SCORING & JOINT STYLE ARE TO BE DUPLICATED. PROPOSED SCORING AND JOINTS ARE TO MATCH INTO EXISTING AT CONSTRUCTION LIMITS.

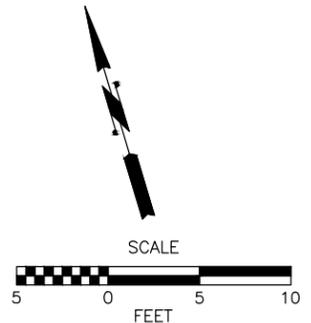
SIGN LEGEND

- (X) - NEW SIGN
- XXR - REMOVE EXISTING SIGN
- XX (NEW LOCATION) EXISTING SIGN ASSEMBLY TO BE RELOCATED
- XX (EXISTING LOCATION)
- - NEW SIGN
- - EXISTING SIGN

LEGEND

- SAW CUT
- FILL — FILL LINE
- CUT — CUT LINE
- HVF — HIGH VISIBILITY SILT FENCE
- █ REMOVE AND RESTORE EXISTING PAVEMENT
- ▨ REMOVE EXISTING SIDEWALK, CURB AND GUTTER
- ▭ INLET PROTECTION PER WSDOT STD. PLAN I-40.20-00
- ◇ CURB RETURN, SEE TABLE THIS SHEET
- ⊗ RAMP LENGTH (FEET)
- ⊗ FLARE LENGTH (FEET)
- ⊗ LANDING OR CLEAR SPACE LENGTH (FEET)
- SEE CURB RAMP DIMENSIONS/TERMINOLOGY KEY DWG. NO. CRD1
- ADA LANDING

CALL 2 BUSINESS DAYS BEFORE YOU DIG
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Perteet
425-252-7700 | 1-800-615-9900
2707 Colby Avenue, Suite 900
Everett, Washington 98201



Drawn By	Date	SCALE
T. SEKULICH	06/17/2014	Horiz 1"=5'
Designed By		Vert NONE
M. MAGEE	06/17/2014	Project Number 20120170.005
Checked By		
D. SMITH	06/17/2014	
Approved By		

CITY OF KENMORE
CONCRETE PACKAGE
NE BOTHELL WAY AND 77TH COURT NE
CURB RAMP PLAN

Drawing No.	CR1
Sheet No.	3
of Total	11

SEC. 11 & 12, T. 26 N., R. 4 E., W.M.

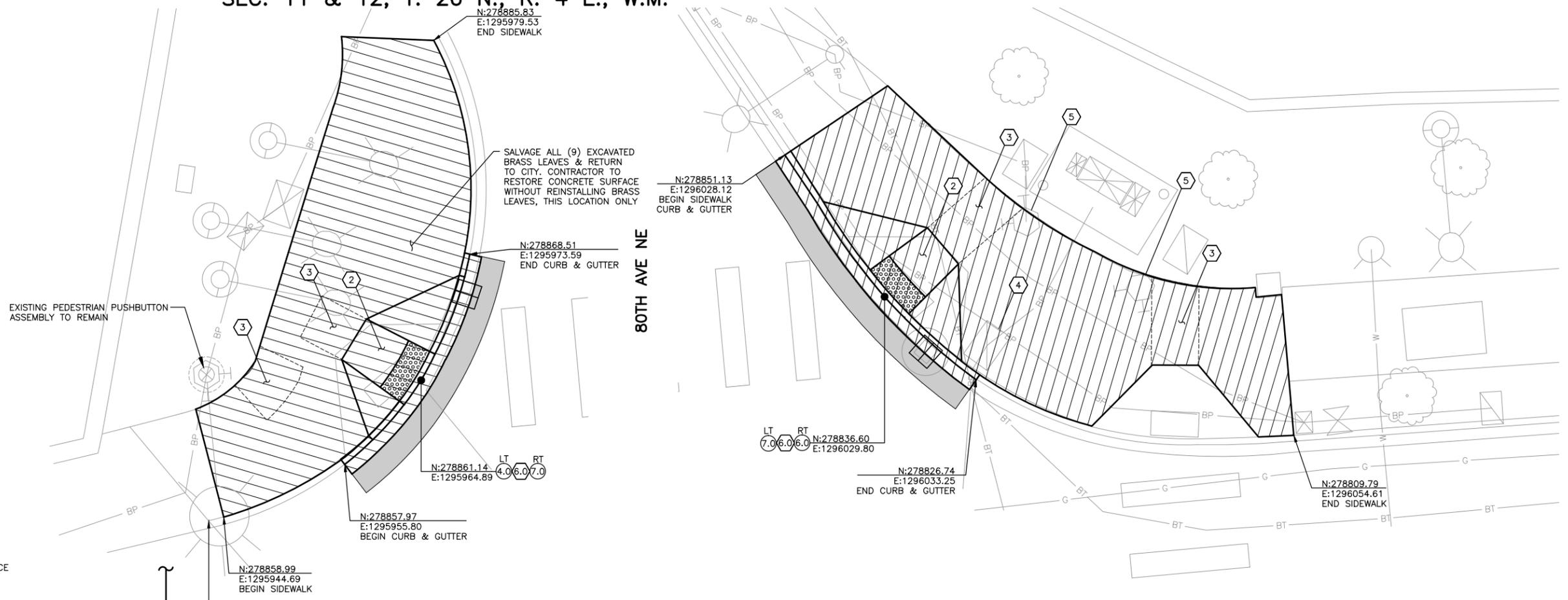
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- ⊗ SEE CURB RAMP DIMENSIONS/TERMINOLOGY KEY DWG. NO. CRD1
- ADA LANDING

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**DO NOT DAMAGE
BRIDGE STRUCTURE**

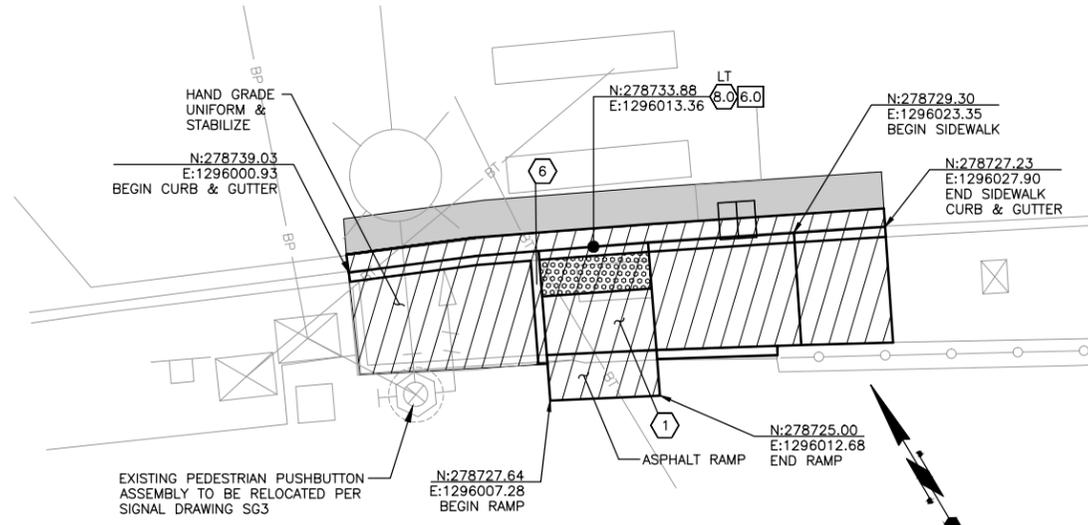
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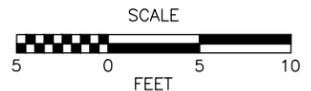
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NE BOTHELL WAY



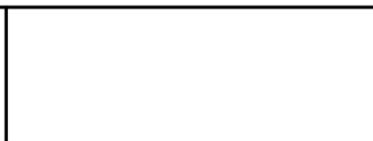
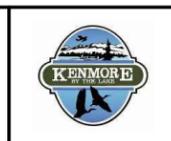
BURKE-GILMAN TRAIL



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No.	Date	Revision	By	Appr.

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Drawn By T. SEKULICH	Date 06/17/2014	SCALE Horiz 1"=5' Vert NONE Project Number 20120170.005
Designed By M. MAGEE	06/17/2014	
Checked By D. SMITH	06/17/2014	
Approved By		
6-17-2014		

CITY OF KENMORE
CONCRETE PACKAGE
NE BOTHELL WAY TO 8OTH AVE NE
CURB RAMP PLAN

Drawing No. CR2
Sheet No. 4
11 of Total

SEC. 11 & 12, T. 26 N., R. 4 E., W.M.

CONSTRUCTION NOTES:

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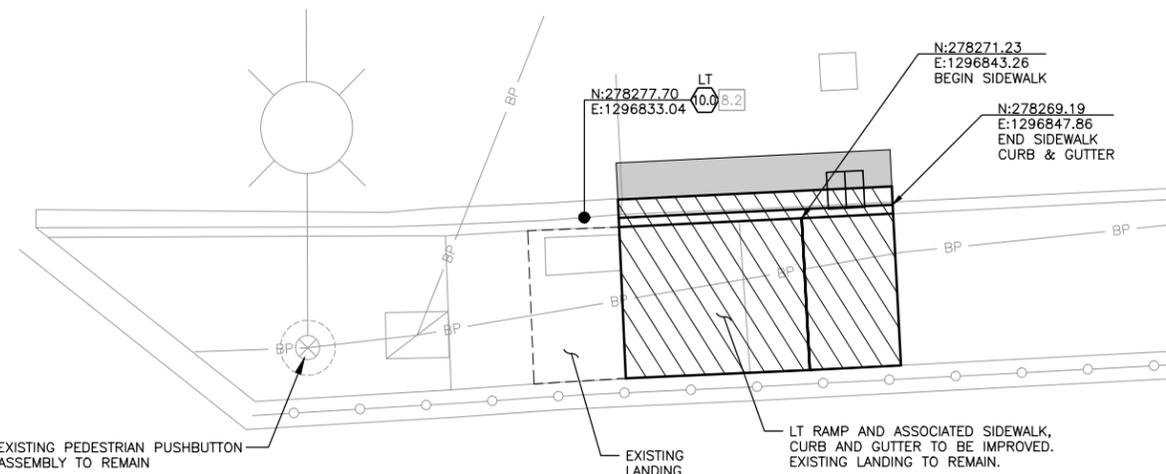
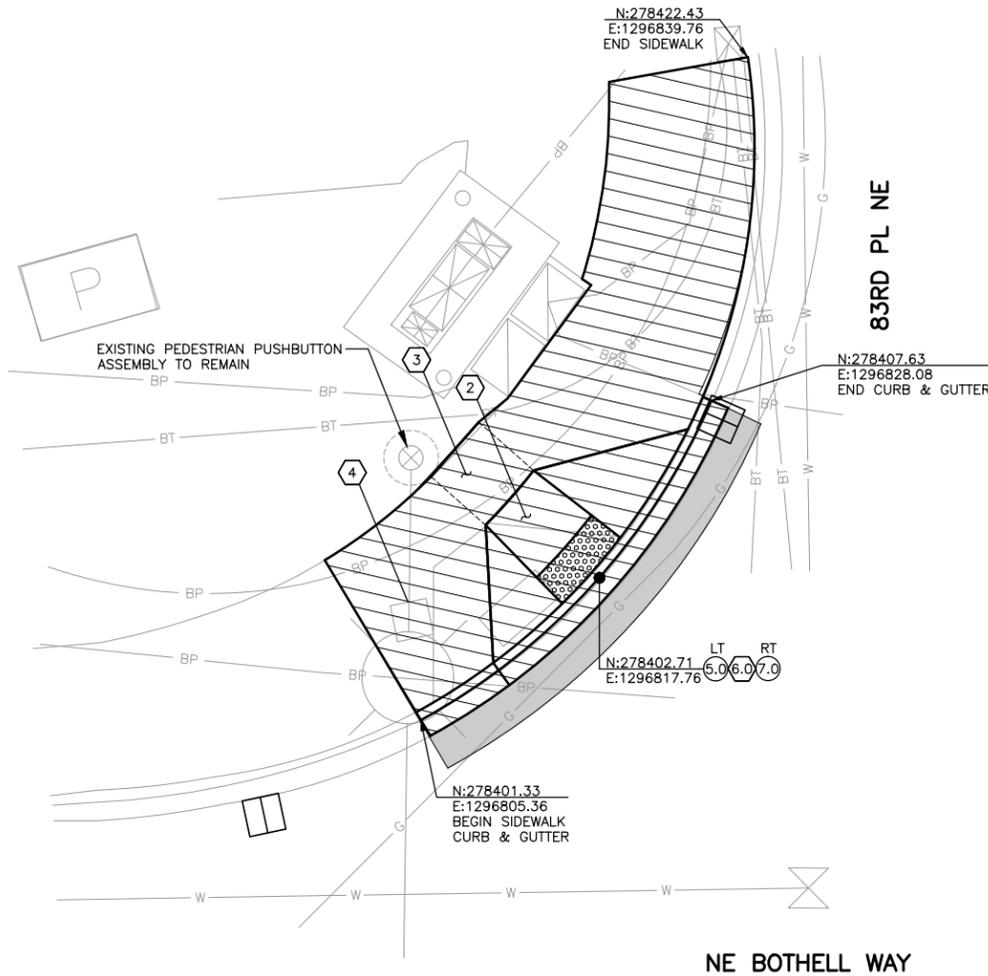
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SIGN LEGEND

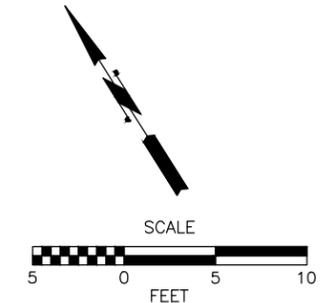
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- ⊗ RAMP LENGTH (FEET)
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- ⊗ LANDING OR CLEAR SPACE LENGTH (FEET)
- SEE CURB RAMP DIMENSIONS/TERMINOLOGY KEY DWG. NO. CRD1
- ADA LANDING



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Jun 18, 2014 - 4:30pm bsekulich C:\Users\T\Seculich\appdata\local\temp\AcP\Pub\ksh_476020120170.005 CR.dwg Layout Name: CR3

No.	Date	Revision	By	Appr.

Perteet
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Everett, Washington 98201



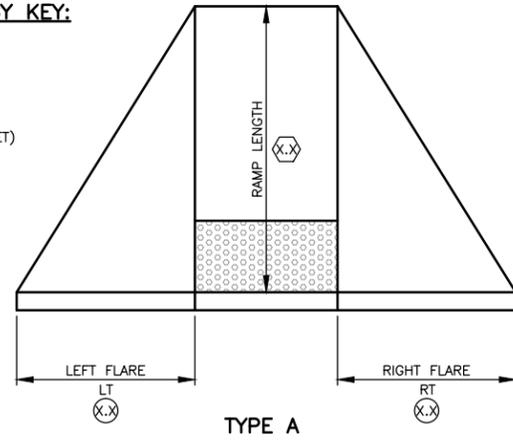
Drawn By T. SEKULICH	Date 06/17/2014	SCALE Horiz 1"=5'
Designed By M. MAGEE	06/17/2014	Vert NONE
Checked By D. SMITH	06/17/2014	Project Number 20120170.005
Approved By		

CITY OF KENMORE
CONCRETE PACKAGE
NE BOTHELL WAY AND 83RD PL NE
CURB RAMP PLAN

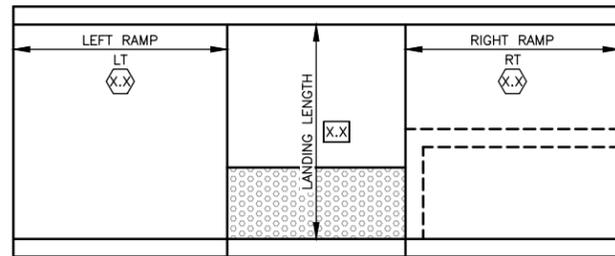
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Sheet No. 5
11 of Total

RAMP TERMINOLOGY KEY:

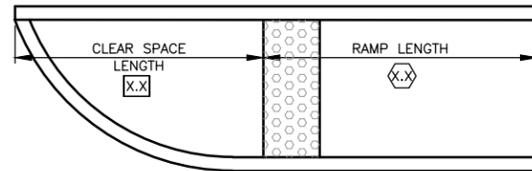
- RAMP LENGTH (FEET)
- FLARE LENGTH (FEET)
- LANDING LENGTH (FEET)



TYPE A



TYPE B



TYPE C

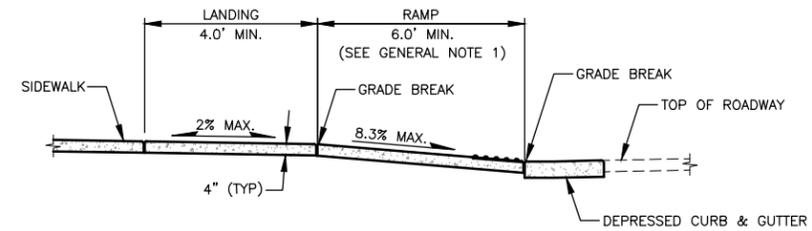
NOTE:
LANDING AND RAMP LENGTHS FOR CURB RAMP TYPE D ARE MEASURED ALONG THE SHORTEST EDGE OF THE RAMP OR LANDING.

CURB RAMP DIMENSIONS/TERMINOLOGY KEY

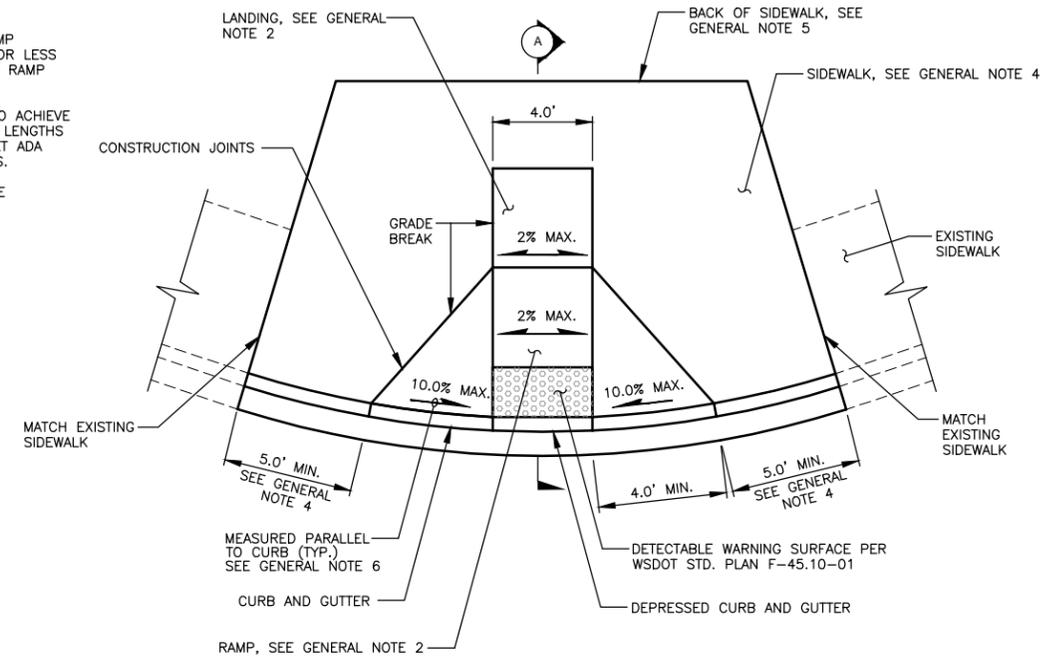
N.T.S.

GENERAL NOTES:

- MINIMUM RAMP LENGTH FOR PERPENDICULAR RAMPS SHALL BE 6 FEET, WITH A RAMP RUNNING SLOPE NOT TO EXCEED 8.3%. RAMP MAY BE LENGTHENED TO ACHIEVE 8.3% OR LESS SLOPE TO A MAXIMUM LENGTH OF 8 FEET. THE LENGTH OF THE RAMP MUST ALLOW FOR A 4 FOOT LANDING BEHIND RAMP. THE LENGTH AND RUNNING SLOPE OF THE RAMP MUST BE APPROVED BY THE ENGINEER PRIOR TO POURING CEMENT CONCRETE.
- THE INTENDED CROSS SLOPE FOR PERPENDICULAR RAMPS AND ALL LANDINGS IS 2.0% MAXIMUM. DUE TO EXISTING GUTTER AND ROADWAY SLOPES, ACHIEVING 2.0% MAXIMUM MAY NOT BE POSSIBLE. CONTRACTOR SHALL CONSTRUCT WITH CROSS SLOPE AS CLOSE TO 2.0%, OR LESS, AS POSSIBLE WITHIN EXISTING CONDITIONS. CROSS SLOPE MUST BE APPROVED BY THE ENGINEER PRIOR TO POURING CEMENT CONCRETE.
- AVOID PLACING JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
- REPLACE SIDEWALK PANEL ADJACENT TO CURB RAMP FOR A MINIMUM LENGTH OF 5 FEET, OR TO NEAREST JOINT BEYOND 5 FEET. THE REPLACEMENT LENGTH SHALL BE SUFFICIENT TO PROVIDE A SMOOTH RUNNING SLOPE AND CROSS SLOPE TRANSITION BETWEEN NEW AND EXISTING SIDEWALK. THE REPLACEMENT LENGTH AND MATCH IN POINT MUST BE APPROVED BY THE ENGINEER PRIOR TO POURING CEMENT CONCRETE.
- BACK OF WALK LIMITS VARY FOR EACH CURB RAMP LOCATION, SEE PLAN VIEW FOR EACH CURB RAMP DRAWING NO. CR1-CR3.
- MINIMUM FLARE LENGTH SHALL BE 4 FEET, WITH A MAXIMUM SLOPE OF 10.0%. FLARE MAY BE LENGTHENED TO A MAXIMUM OF 7 FEET TO ACHIEVE A SLOPE OF 10.0% OR LESS. FINAL LENGTHS AND SLOPES MUST BE APPROVED BY THE ENGINEER PRIOR TO POURING CEMENT CONCRETE.
- MINIMUM RAMP LENGTH FOR TYPE B, AND CURB RAMPS SHALL BE 4 FEET, WITH A RAMP RUNNING SLOPE NOT TO EXCEED 8.3%. RAMP MAY BE LENGTHENED TO ACHIEVE 8.3% OR LESS SLOPE TO A MAXIMUM LENGTH OF 15 FEET. THE LENGTH AND RUNNING SLOPE OF THE RAMP MUST BE APPROVED BY THE ENGINEER PRIOR TO POURING CEMENT CONCRETE.
- SEE DRAWING NO. CR1-CR3 FOR CURB RAMP LENGTHS. LENGTHS MAY BE ADJUSTED TO ACHIEVE REQUIRED SLOPES AND TO ACCOMMODATE EXISTING SITE CONDITIONS. ALL SLOPES AND LENGTHS MUST BE APPROVED BY THE ENGINEER PRIOR TO POURING CEMENT CONCRETE. TO MEET ADA GUIDELINES A MAXIMUM CROSS SLOPE OF 2.0% IS ALLOWED ON SIDEWALKS AND RAMPS.
- AS SHOWN ON DRAWING NO. CR1-CR3, EITHER THE LEFT OR THE RIGHT RAMP MAY BE ELIMINATED FROM A CURB RAMP TYPE B. IN SUCH CASES, CONSTRUCT CEMENT CONC. PEDESTRIAN CURB IN PLACE OF THE FLARE OR RAMP.

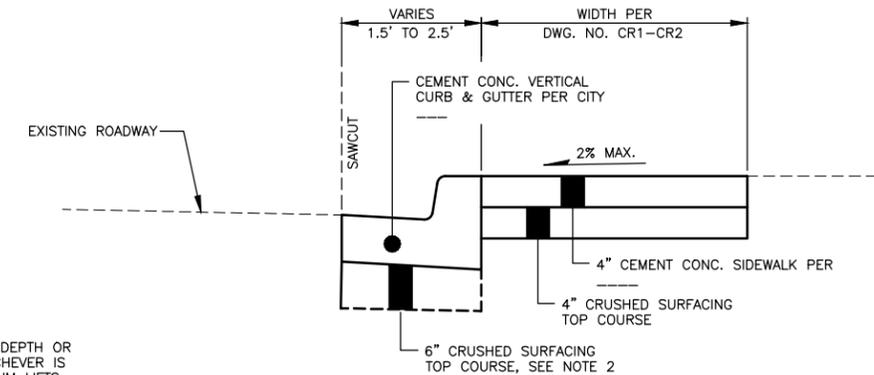


SECTION A-A
N.T.S.



CURB RAMP TYPE A PLAN DETAIL

N.T.S.



CURB REPAIR DETAIL FOR CURB RAMP INSTALLATION

N.T.S.

PAVEMENT REPAIR NOTES:

- MATCH EXISTING PAVEMENT DEPTH OR PLACE 4 IN. MINIMUM, WHICHEVER IS GREATER. USE 2 IN. MAXIMUM LIFTS.
- PLACE AS DIRECTED BY THE ENGINEER—WILL NOT ALWAYS BE USED BENEATH PROPOSED HMA OR CURB AND GUTTER

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Jun 18, 2014 - 4:27pm bsekulich C:\Users\T\Skulich\appdata\local\temp\ACF\Publish_4760020120170.005 CRD.dwg Layout Name: CRD1

No.	Date	Revision	By	Appr.

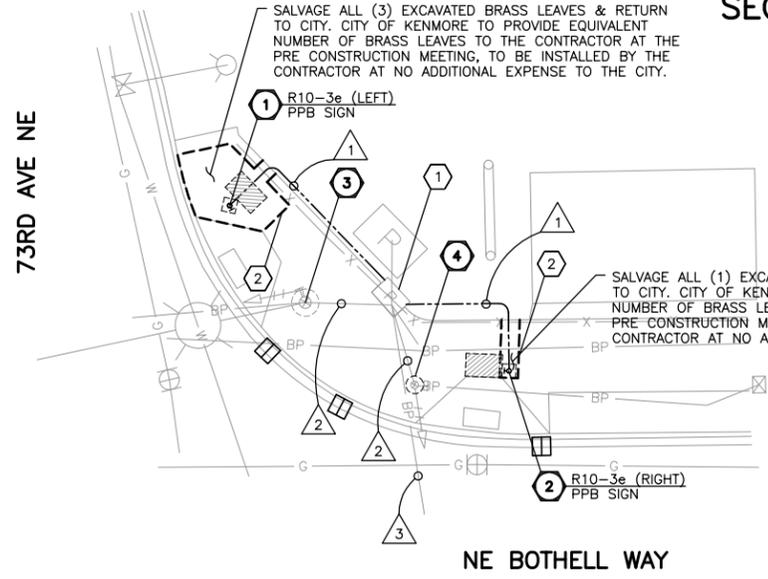
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Drawn By T. SEKULICH	Date 06/17/2014	SCALE Horiz N/A
Designed By M. MAGEE	06/17/2014	Vert NONE
Checked By D. SMITH	06/17/2014	Project Number 20120170.005
Approved By		

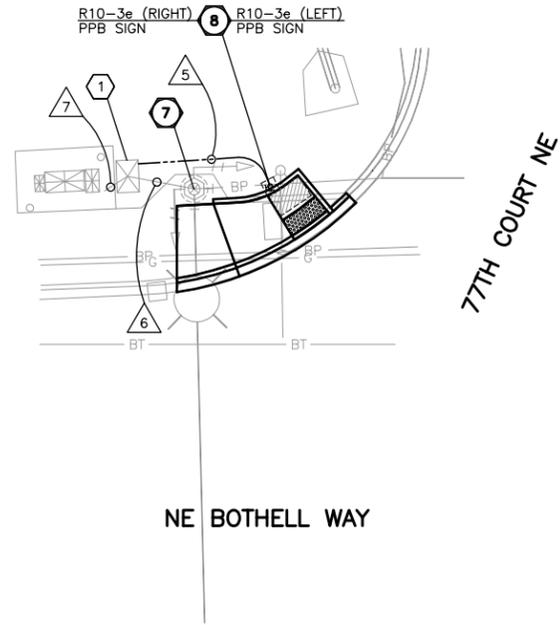
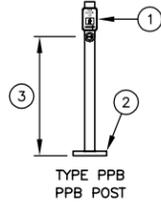
CITY OF KENMORE CONCRETE PACKAGE		Drawing No. CRD1
CURB RAMP DETAILS		Sheet No. 6 of 11

SEC. 11 & 12, T. 26 N., R. 4 E., W.M.



NOTES:

- 1 FIELD INSTALLED.
- 2 FOUNDATIONS SHALL CONFORM TO THE WSDOT STD. PLANS J-20.10-02, J-20.11-01 AND J-21.10-03.
- 3 PEDESTRIAN PUSHBUTTONS SHALL BE A VERTICAL DISTANCE OF 3'-6" ABOVE LANDINGS OR CUT THRU WALKWAY FINISH GRADES.



SIGNAL POLE NOTES:

- 1 CONSTRUCT FOUNDATION FLUSH WITH SIDEWALK PER WSDOT STD. PLAN J-20.10-02. SEE SIGNAL POLE SCHEDULE. FURNISH AND INSTALL TYPE PPB POLE AND PUSHBUTTON ASSEMBLY. PUSHBUTTON SHALL BE PARALLEL WITH CROSSWALK. MAINTAIN MINIMUM 48" CLEAR FROM EXISTING FENCE.
- 2 CONSTRUCT FOUNDATION FLUSH WITH SIDEWALK PER WSDOT STD. PLAN J-20.10-02. SEE SIGNAL POLE SCHEDULE. FURNISH AND INSTALL TYPE PPB POLE AND PUSHBUTTON ASSEMBLY. PUSHBUTTON SHALL BE PARALLEL WITH CROSSWALK.
- 3 EXISTING SIGNAL POLE TO REMAIN. REMOVE EXISTING PUSHBUTTON ASSEMBLY AND INSTALL THREADED ALUMINUM OR GALVANIZED STEEL KNOCK-OUT OVER OPENING.
- 4 EXISTING SIGNAL POLE TO REMAIN. REMOVE EXISTING PUSHBUTTON ASSEMBLY AND INSTALL THREADED ALUMINUM OR GALVANIZED STEEL KNOCK-OUT OVER OPENING.
- 5 CONSTRUCT FOUNDATION FLUSH WITH SIDEWALK PER WSDOT STD. PLAN J-20.10-02. SEE SIGNAL POLE SCHEDULE. FURNISH AND INSTALL TYPE PPB POLE AND PUSHBUTTON ASSEMBLY. PUSHBUTTON SHALL BE PARALLEL WITH CROSSWALK.
- 6 EXISTING SIGNAL POLE TO REMAIN. REMOVE EXISTING WESTBOUND PUSHBUTTON ASSEMBLY AND INSTALL THREADED ALUMINUM OR GALVANIZED STEEL KNOCK-OUT OVER OPENING.
- 7 EXISTING SIGNAL POLE TO REMAIN. REMOVE EXISTING PUSHBUTTON ASSEMBLY AND INSTALL THREADED ALUMINUM OR GALVANIZED STEEL KNOCK-OUT OVER OPENING.
- 8 CONSTRUCT FOUNDATION FLUSH WITH SIDEWALK PER WSDOT STD. PLAN J-20.11-01. SEE SIGNAL POLE SCHEDULE. FURNISH AND INSTALL TYPE PPB POLE AND (2) TWO PUSHBUTTON ASSEMBLIES. PUSHBUTTONS SHALL BE PARALLEL WITH CROSSWALK.

CONSTRUCTION NOTES:

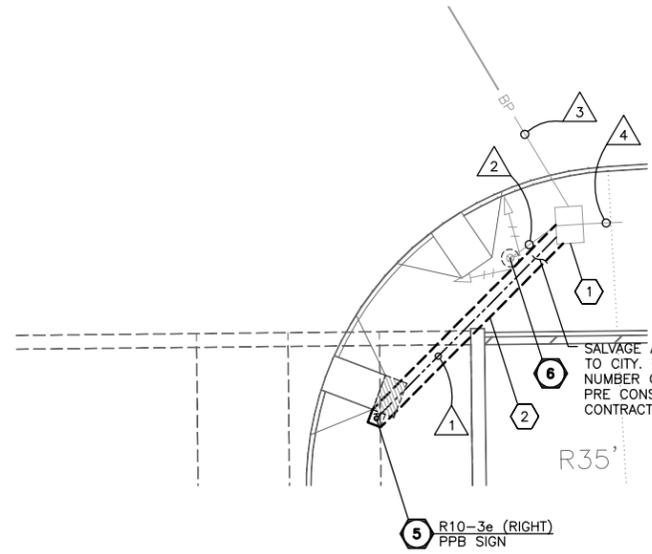
- 1 EXTEND CONDUIT INTO EXISTING JUNCTION BOX.
- 2 CONCRETE RESTORATION WORK TO BE PAID FOR PER SPEC 8-14 CEMENT CONC. SIDEWALK (TYP), THE CONTRACTOR SHALL REMOVE AND REPLACE FULL PANELS ONLY.

DISPLAY NOTES

- 1. PEDESTRIAN PUSHBUTTONS SHALL BE TYPE "APS" AND MOUNTED PER MANUFACTURER'S REQUIREMENTS.

GENERAL NOTES

- 1. UTILITY LOCATION (DIAL-A-DIG) PRIOR TO CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONFLICTS ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
- 2. ALL WORK SHALL BE IN CONFORMANCE WITH STATE OF WASHINGTON STANDARD PLANS AND SPECIFICATIONS, EXCEPT AS MODIFIED BY CONTRACT PLANS AND PROVISIONS.
- 3. UNLESS OTHERWISE SPECIFIED, ALL PROPOSED SIGNAL CONDUIT SHALL BE SCHEDULE 40 PVC.
- 4. FOR ALL CONCRETE RESTORATION WORK EXISTING SCORING AND JOINT STYLE TO BE DUPLICATED, PROPOSED SCORING AND JOINTS ARE TO MATCH INTO EXISTING EXISTING CONSTRUCTION LIMITS.
- 5. ON CORNERS WHERE NO INLET PROTECTION IS SHOWN, INSTALL INLET PROTECTION AT DOWNSTREAM INLET NEAREST TO THE PROPOSED IMPROVEMENTS.

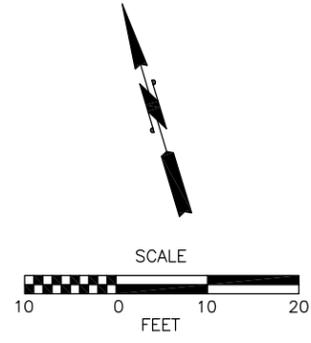


SIGNAL POLE SCHEDULE			
STD. NO.	FIELD LOCATION		TYPE
	NORTHING	EASTING	
NE BOTHELL WAY & 73RD AVE NE			
1	279522.87	1293563.21	PPB
2	279497.36	1293587.87	PPB
5	279375.30	1293576.65	PPB
NE BOTHELL WAY & 77TH CT NE			
8	279098.13	1295090.73	PPB

WIRING SCHEDULE							
NO.	CONDUIT SIZE	PED PPB 4Cb#18	PED DETECT 2C(S)	VEH DETECT 2C(S)	PED HEAD 5C	BARE GROUND #8	NOTES
1	1"	1	1			1	
2	EXISTING	1					
3	EXISTING		2				
4	EXISTING		3				ROUTE CABLE TO CONTROLLER IN SE CORNER
5	1"	2	2			1	
6	EXISTING	2					
7	EXISTING		2				ROUTE CABLE TO CONTROLLER IN NW CORNER

NOTE: WIRING SCHEDULE ONLY SHOWS NEW CONDUCTORS. CONTRACTOR SHALL REMOVE CONDUCTORS WHICH ARE NO NO LONGER IN USE PER THE ENGINEER.

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Drawn By M. SCHAEFER	Date 06/17/2014	SCALE Horiz 1"=10'
Designed By M. SCHAEFER	Date 06/17/2014	Vert NONE
Checked By G. PARENTEAU	Date 06/17/2014	Project Number 20120170.005
Approved By		

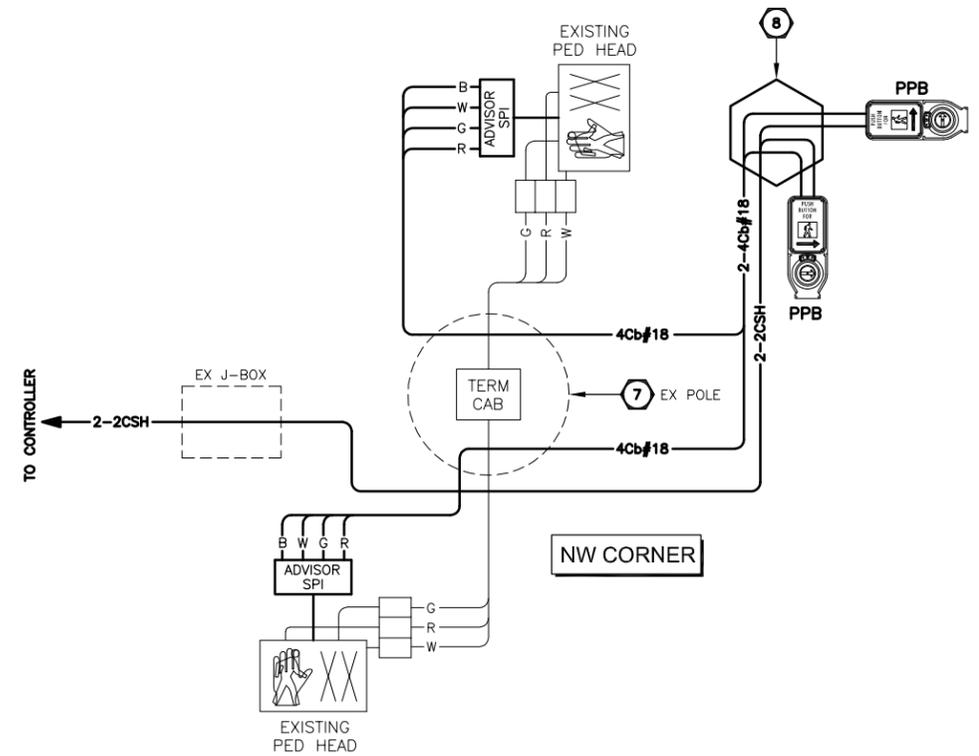
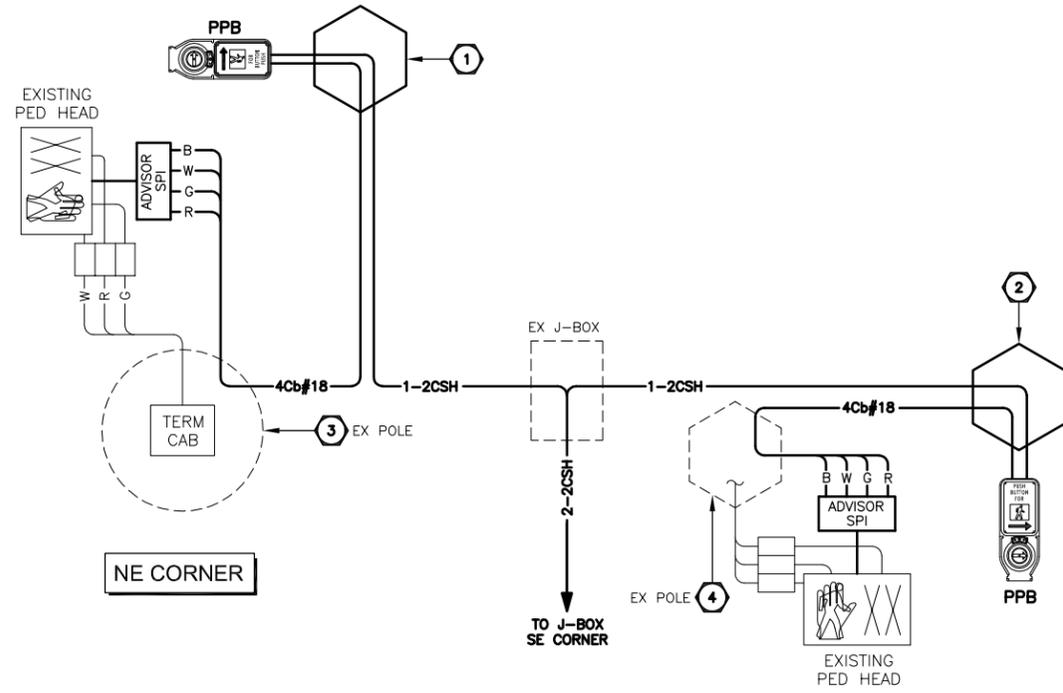
CITY OF KENMORE
CONCRETE PACKAGE
SIGNAL PLAN

Drawing No. **SG1**
Sheet No. **8** of **11**

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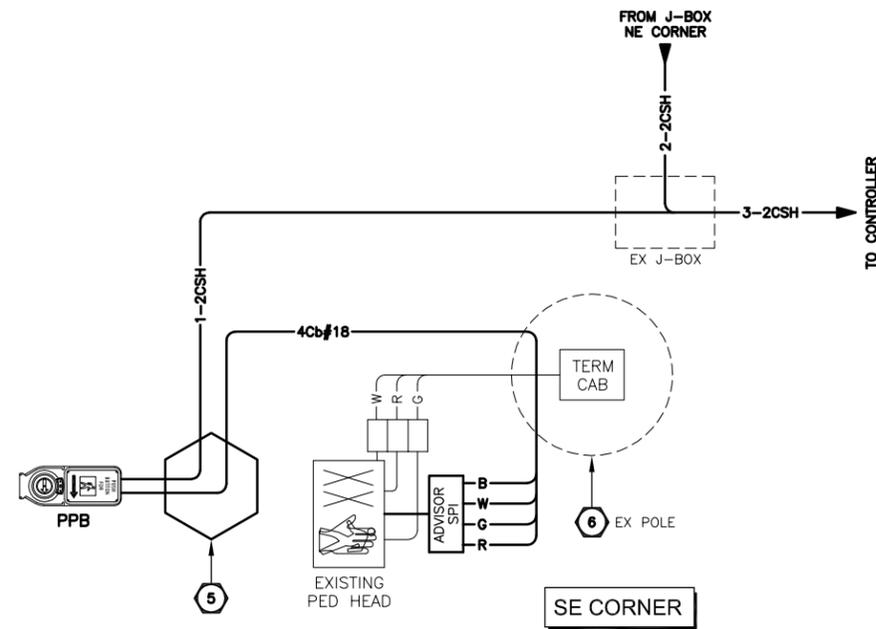
73RD AVE NE

77TH COURT NE



NE BOTHELL WAY

NE BOTHELL WAY



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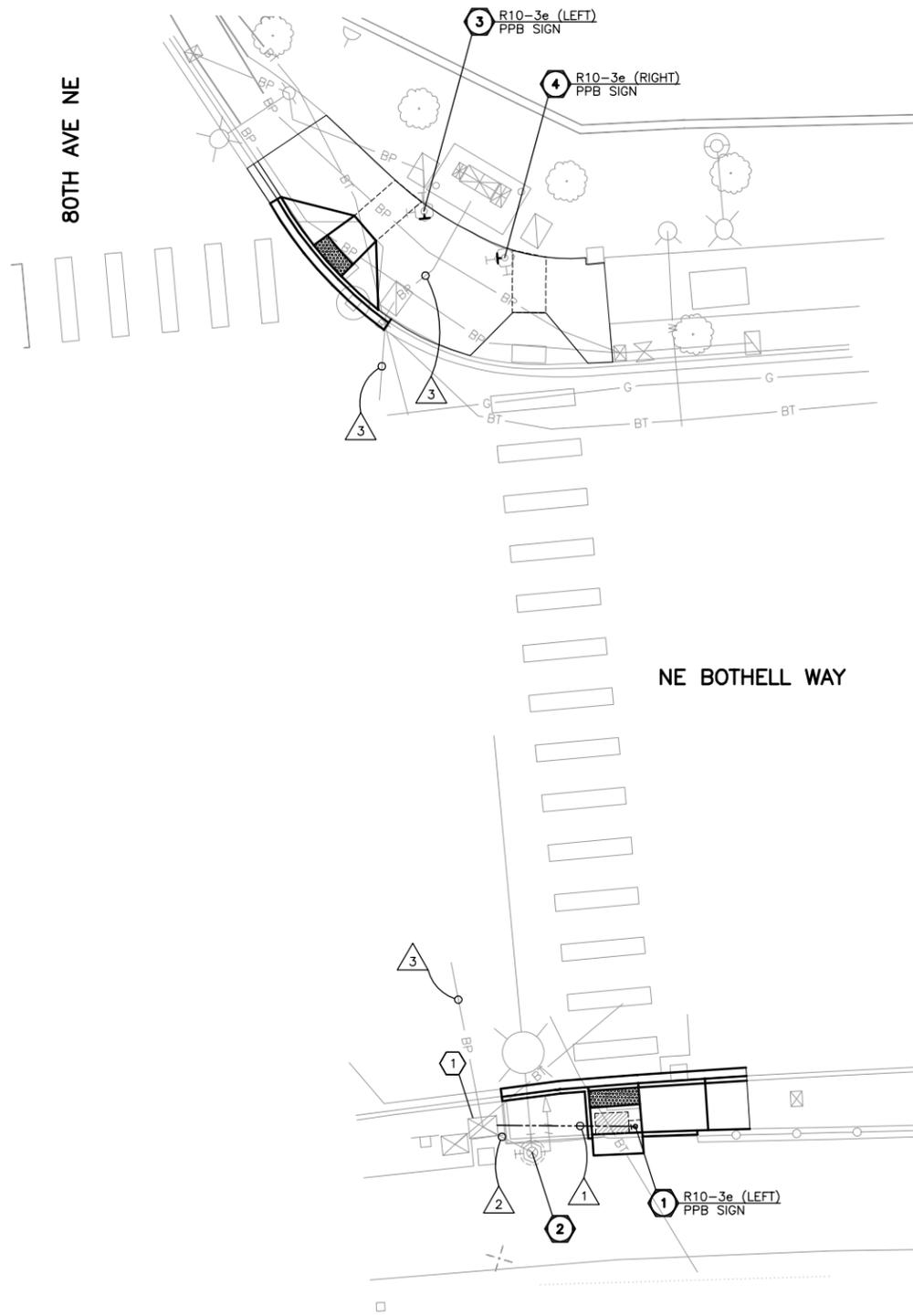
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Drawn By M. SCHAEFER	Date 06/17/2014	SCALE 1"=10' Vert NONE Project Number 20120170.005
Designed By M. SCHAEFER	06/17/2014	
Checked By G. PARENTEAU	06/17/2014	
Approved By		

CITY OF KENMORE CONCRETE PACKAGE		Drawing No. SG2
WIRING DIAGRAM		Sheet No. 9 of 11

SEC. 11 & 12, T. 26 N., R. 4 E., W.M.



SIGNAL POLE NOTES:

- ① CONSTRUCT FOUNDATION FLUSH WITH SIDEWALK PER WSDOT STD. PLAN J-20.11-01. SEE SIGNAL POLE SCHEDULE. FURNISH AND INSTALL TYPE PPB POLE AND PUSHBUTTON ASSEMBLY. PUSHBUTTON SHALL BE PARALLEL WITH CROSSWALK. MAINTAIN MINIMUM 48" CLEAR AROUND POLE.
- ② EXISTING SIGNAL POLE TO REMAIN. REMOVE EXISTING PUSHBUTTON ASSEMBLY AND INSTALL THREADED ALUMINUM OR GALVANIZED STEEL KNOCK-OUT OVER OPENING.
- ③ REMOVE AND SALVAGE EXISTING TYPE PS POLE. CHIP OFF 4 INCHES OF EXISTING FOUNDATION AND REPOUR FLUSH WITH SIDEWALK. REMOVE AND REPLACE PEDESTRIAN PUSHBUTTON ASSEMBLY PER SPECIAL PROVISIONS. PUSHBUTTON SHALL BE PARALLEL WITH CROSSWALK. INSTALL THREADED ALUMINUM OR GALVANIZED STEEL KNOCK-OUT OVER OPENING. REINSTALL TYPE PS POLE AND RECONNECT CABLES. POUR GROUT PAD PER WSDOT STD. PLAN J-21.10-03.
- ④ REMOVE AND SALVAGE EXISTING TYPE PS POLE. GRIND EXISTING FOUNDATION FLUSH WITH PROPOSED SIDEWALK ELEVATION. REMOVE AND REPLACE PEDESTRIAN PUSHBUTTON ASSEMBLY PER SPECIAL PROVISIONS. PUSHBUTTON SHALL BE PARALLEL WITH CROSSWALK. INSTALL THREADED ALUMINUM OR GALVANIZED STEEL KNOCK-OUT OVER OPENING. REINSTALL TYPE PS POLE AND RECONNECT CABLES. POUR GROUT PAD PER WSDOT STD. PLAN J-21.10-03.

CONSTRUCTION NOTES:

- ① EXTEND CONDUIT INTO EXISTING JUNCTION BOX.
- ② CONCRETE RESTORATION WORK TO BE PAID FOR PER SPEC 8-14 CEMENT CONC. SIDEWALK (TYP), THE CONTRACTOR SHALL REMOVE AND REPLACE FULL PANELS ONLY.

DISPLAY NOTES

- 1. PEDESTRIAN PUSHBUTTONS SHALL BE TYPE "APS" AND MOUNTED PER MANUFACTURER'S REQUIREMENTS.

GENERAL NOTES

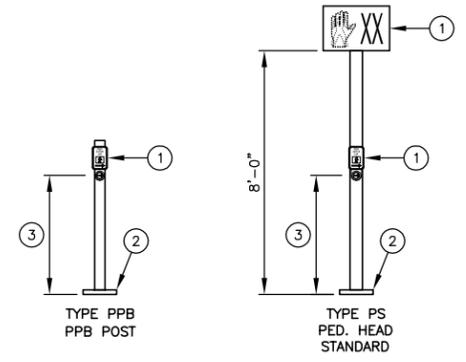
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- 3. UNLESS OTHERWISE SPECIFIED, ALL PROPOSED SIGNAL CONDUIT SHALL BE SCHEDULE 40 PVC.
- 4. FOR ALL CONCRETE RESTORATION WORK EXISTING SCORING AND JOINT STYLE TO BE DUPLICATED, PROPOSED SCORING AND JOINTS ARE TO MATCH INTO EXISTING EXISTING CONSTRUCTION LIMITS.
- 5. ON CORNERS WHERE NO INLET PROTECTION IS SHOWN, INSTALL INLET PROTECTION AT DOWNSTREAM INLET NEAREST TO THE PROPOSED IMPROVEMENTS.

LEGEND

- 30" x 48" PPB CLEAR SPACE, 2% MAX. SLOPE
- INLET PROTECTION PER WSDOT STD. PLAN I-40.20-00

NOTES:

- ① FIELD INSTALLED.
- ② FOUNDATIONS SHALL CONFORM TO THE WSDOT STD. PLANS J-20.10-02, J-20.11-01 AND J-21.10-03.
- ③ PEDESTRIAN PUSHBUTTONS SHALL BE A VERTICAL DISTANCE OF 3'-6" ABOVE LANDINGS OR CUT THRU WALKWAY FINISH GRADES.

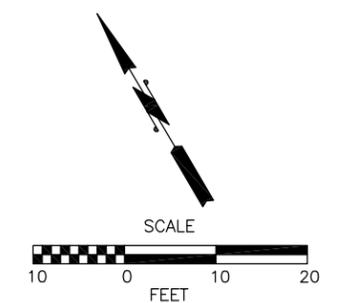


SIGNAL POLE SCHEDULE			
STD. NO.	FIELD LOCATION		TYPE
	NORTHING	EASTING	
NE BOTHELL WAY & 80TH AVE NE			
1	278728.28	1296013.31	PPB
2	INSTALL AT EXISTING LOCATION		PS
3	INSTALL AT EXISTING LOCATION		PS

WIRING SCHEDULE							
△ NO.	CONDUIT SIZE	PED PPB 4cb#18	PED DETECT 2C(S)	VEH DETECT 2C(S)	PED HEAD 5C	BARE GROUND #8	NOTES
1	1"	1	1			1	
2	EXISTING	1					
3	EXISTING		1				

NOTE: WIRING SCHEDULE ONLY SHOWS NEW CONDUCTORS. CONTRACTOR SHALL REMOVE CONDUCTORS WHICH ARE NO NO LONGER IN USE PER THE ENGINEER.

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6-17-2014



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Designed By M. SCHAEFER	Date 06/17/2014	Vert NONE
Checked By G. PARENTEAU	Date 06/17/2014	Project Number 20120170.005
Approved By		

CITY OF KENMORE
CONCRETE PACKAGE
SIGNAL PLAN

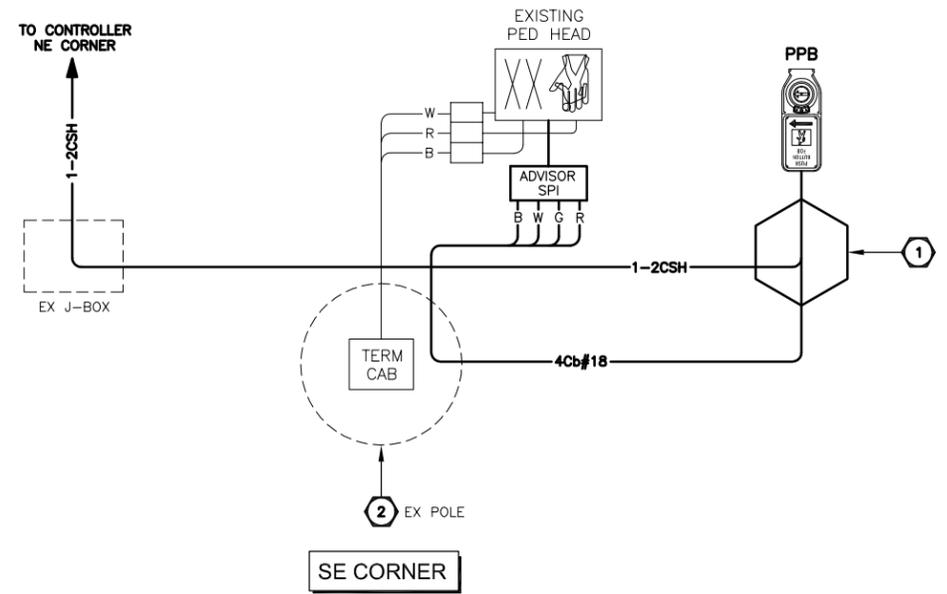
Drawing No. SG3
Sheet No. 10
of Total 11

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80TH AVE NE

NE BOTHELL WAY



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Designed By: M. SCHAEFER Date: 06/17/2014
Checked By: G. PARENTEAU Date: 06/17/2014
Approved By: _____

SCALE
Horiz: 1"=10'
Vert: NONE
Project Number: 20120170.005

CITY OF KENMORE
CONCRETE PACKAGE
WIRING DIAGRAM

Drawing No. **SG4**
Sheet No. 11 of 11