

CITY COUNCIL AGENDA ITEM
CITY OF SHORELINE, WASHINGTON

AGENDA TITLE:	Authorize the City Manager to Enter into an Interlocal Agreement with Shoreline Fire Department for Use of City Facilities
DEPARTMENT:	City Manager's Office
PRESENTED BY:	Christina Arcidy, Management Analyst
ACTION:	<input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Public Hearing <input type="checkbox"/> Discussion

PROBLEM/ISSUE STATEMENT:

As part of the City's Meridian Avenue N – N 155th Street Intersection Phase Changes Project, a traffic signal improvement project, the City installed junction boxes and three-inch conduit capable of providing for future needs of the City. The Shoreline Fire Department (Fire Department) is extending its fiber optic network to Fire Station No. 65 at 145 NE 155th Street to Parkwood Elementary School via NE 155th Street and has requested partial use of the City's junction boxes and conduit for the Fire Department's fiber. The City has determined that, even with its future needs, there is space available with the conduit for the Fire Department's fiber optic line.

As part of the agreement, the City has also negotiated the possible future use of the Fire Department's conduit for a City fiber optic line along NE 155th Street. This is agreeable to the Fire Department as long as the City's use does not exceed fifty percent (50%) of the total capacity of the Fire Department's facilities.

The term of the agreement shall be for 20 years, terminating on December 31, 2041.

FINANCIAL IMPACT:

There is no direct financial impact as a result of this agreement. However, the City could incur costs in the future if it pursues installing new fiber within the Fire Department's conduit on NE 155th Street.

RECOMMENDATION

Staff recommends that the City Council authorize the City Manager to execute an interlocal agreement with the Shoreline Fire Department for use of City facilities for the purpose of Shoreline Fire's Department's Fire Station No. 65 fiber project.

Approved By: City Manager **DT** City Attorney **MK**

ATTACHMENTS

Attachment A: Special Use Agreement by and Between the City of Shoreline and the
Shoreline Fire Department Regarding the Use of City Facilities

Attachment A, Exhibit A: City Facilities Available to the Fire Department

Attachment A, Exhibit B: Fire Department Facilities Available to City of Shoreline

**SPECIAL USE AGREEMENT
BY AND BETWEEN THE CITY OF SHORELINE
AND THE SHORELINE FIRE DEPARTMENT
REGARDING USE OF CITY FACILITIES**

THIS SPECIAL AGREEMENT is made and entered into by the City of Shoreline, a noncharter, optional code Washington Municipal Corporation, hereinafter the “City,” and the Shoreline Fire Department, a fire protection district organized under Title 52 RCW, hereinafter the “Fire Department.” The City and the Fire Department may each be referred to individually as a “Party” or collectively as the “Parties.”

RECITALS

WHEREAS, Chapter 39.34 RCW Interlocal Cooperation Act, grants local governmental units the authority to cooperate with other governmental units on a basis of mutual advantage so as to provide services and facilities in a manner that will best serve the needs and development of the community;

WHEREAS, as part of the City’s Meridian Avenue N – N 155th Street Intersection Phase Changes, Bid 8977, a traffic signal improvement project, the City installed junction boxes and three-inch conduit capable of providing for future needs of the City; and

WHEREAS, by a separate agreement with the Shoreline School District, Fire Department Station No. 65, located at 145 NE 155th Street, is planning to provide connection via a fiber optic line along Meridian Avenue N to Parkwood Elementary School via conduit capable of providing for future needs of the Fire Department; and

WHEREAS, the Fire Department desires to have the right to utilize the City’s junction boxes and conduit at the Meridian Ave N/N 155th Street intersection to facilitate its connection; and

WHEREAS, the City has determined that, even with its future needs, there is space available within the conduit for the Fire Department’s fiber optic line; and

WHEREAS, the City desires to have the right to utilize the Fire Department’s conduit along Meridian Avenue N for the purpose of a City fiber optic line; and

WHEREAS, the City and the Fire Department wish to enter into this Interlocal Agreement to set forth the parties’ roles and responsibilities regarding use of each other’s facilities;

NOW THEREFORE, the parties, in consideration of the matters described above and the mutual benefits set forth in this Agreement, the parties memorialize this expression of their mutual intent as follows:

Section 1. Facilities - Junction Boxes and Conduits.

Exhibit A to this Agreement, which is incorporated by reference, depicts the junction boxes and conduits (collectively, the “City Facilities”) available to the Fire Department for its fiber optic line use.

Exhibit B to this Agreement, which is incorporated by reference, depicts the conduits (the “Fire Department Facilities”) available to the City for its fiber optic line use.

Section 2. Fire Department Use of City Facilities.

- A. The Fire Department shall have the non-exclusive use of the City Facilities for the sole purpose of a fiber optic line providing connection from Station No. 65 to Parkwood Elementary School.
- B. The Fire Department shall be solely responsible for all costs and expenses related to installation, operation, repair, and maintenance of its fiber optic line, including obtaining any and all required permits or licenses to conduct such activities.
- C. The Fire Department shall be solely responsible for all costs and expenses related to the repair of the City Facilities arising out of its use of such City Facilities, including obtaining any and all required permits, as well as repair of the surface of the public rights-of-way.
- D. The Fire Department agrees and understands that use of the City Facilities is secondary to the City’s current use and future needs for such City Facilities. If requested by the City, or by mutual agreement as provided in Section 5 below, the Fire Department shall remove its fiber optic line from the City Facilities at its sole cost and expense.
- E. If the Fire Department removes its fiber optic line, whether by City request or by its own decision, the Fire Department shall return the City Facilities to the same or better condition than at the time of occupancy. The provisions of this subsection shall survive any expiration or termination of this Agreement.

Section 3. City Use of Fire Department Facilities.

- A. The City shall have the non-exclusive use of Fire Department Facilities for the sole purpose of a fiber optic line so long as the City’s use does not exceed fifty percent (50%) of the total capacity of the Fire Department Facilities.
- B. The City shall be solely responsible for all costs and expenses related to installation, operation, repair, and maintenance of its fiber optic line, including obtaining any and all required permits or licenses to conduct such activities.
- C. The City shall be solely responsible for all costs and expenses related to the repair of the Fire Department Facilities arising out of its use of such Fire Department Facilities,

including obtaining any and all required permits, as well as repair of the surface of the public rights-of-way.

- D. The City agrees and understands that use of the Fire Department Facilities is secondary to the Fire Department's current use and future needs for such Fire Department Facilities. If requested by the Fire Department, or by mutual agreement as provided in Section 5 below, the City shall remove its fiber optic line at its sole cost and expense.
- E. If the City removes its fiber optic line, whether by Fire Department request or by its own decision, the City shall return the Fire Department Facilities to the same or better condition than at the time of occupancy. The provisions of this subsection shall survive any expiration or termination of this Agreement.

Section 4. Usage Fee.

No usage fee shall be required by either the Fire Department or the City for the use of the other's facilities pursuant to this Agreement.

Section 5. Term and Termination.

- A. The term of this Agreement shall commence upon full execution and shall terminate at 11:59 pm local time on December 31, 2041. This Agreement may be extended by mutual, written agreement of the Parties which shall be appended to this Agreement.
- B. Due to a Party's reliance on the other Party's Facilities for its fiber optic line and on the continued availability of the other Party's Facilities for its fiber optic line, if a Party's use of its own Facilities is precluded or impeded by the other Party's use, then this Agreement may be terminated by the Party whose Facilities are impacted only upon six (6) months prior written notice.
- C. This Agreement may be terminated at any time by mutual agreement of the City and the Fire Department.

Section 6. Notices.

Notices, demands, correspondence to the City and the Fire Department shall be in writing and deemed sufficient if delivered by hand, by U.S. Certified Mail, or by commercial courier to the addresses of the Parties as follows:

City of Shoreline
Public Works – Traffic Services
17500 Midvale Avenue North
Shoreline, WA 98133

Shoreline Fire Department
Fire Chief
17525 Aurora Avenue North
Shoreline, WA 98133

The parties hereto may, from time to time, advise the other of new addresses for such notices, demands or correspondence.

Section 7. Records.

- A. The City and the Fire Department are both public agencies subject to Washington’s Public Records Act, chapter 42.56 RCW, and, as such, this Agreement and records arising from the performance of this Agreement are public records subject to disclosure unless an exemption applies. If either party receives a public records request for records within its possession, unless a statute exempts disclosure, that party is solely responsible for disclosure of the record to the requestor.
- B. The City and the Fire Department will each retain this Agreement and all records related to this Agreement consistent with the applicable records retention schedule for contracts/agreements issued by the Washington Secretary of State pursuant to chapter 40.14 RCW.

Section 8. Mutual Indemnification.

- A. Each Party, at its sole cost and expense, releases and agrees to defend, indemnify, and hold harmless the other Party and their respective officials, officers, agents, subcontractors, and employees from and against any and all claims, damages, injuries, liabilities, actions, fines, penalties, costs and expenses of whatsoever kind and nature including but not limited to bodily injury, property damage, and reasonable attorney fees (“Indemnified Claims”) that arise out of or are related to (a) the negligent acts or omissions of a Party and its officials, officers, agents, subcontractors, and employees acting within the course and scope of their employment, (b) the use by a Party of the other Party’s Facilities, and/or (c) the exercise of a Party’s rights and privileges under this Agreement for all but those injuries or damages caused by the sole negligence of the other Party. In the event such Indemnified Claims are caused by or result from the concurrent negligence the Parties, then each Party’s defense, indemnity and hold harmless obligations hereunder shall be limited to the extent of the negligence of that Party, and its respective officials, officers, agents, subcontractors, and employees.
- B. The foregoing provisions specifically and expressly intend to constitute a waiver of the Parties’ immunity under industrial insurance, Title 51 RCW, as respect to the other Party only, and only to the extent necessary to provide the other Party with a full and complete indemnity of claims made by a Party’s employees. This waiver has been mutually negotiated. The provisions of this Section 7 Indemnification shall survive any expiration or termination of this Agreement.

Section 9. Insurance.

Each Party shall maintain liability insurance, or a fully funded self-insurance program, for the protection and handling of its liabilities, including injuries to persons and damage to property. Upon request by a Party, and within five (5) business days of such request, a Party must provide a certificate of insurance or a letter of self-insurance, evidencing such coverage to the requesting Party.

Section 10. Miscellaneous.

A. Governing Law and Venue.

This Agreement shall be construed and enforced in accordance with the laws of the State of Washington. Venue of any suit between the parties arising out of this Agreement shall be King County Superior Court.

B. Severability.

Any provision or part of the Agreement held to be void or unenforceable under any law or regulation shall be deemed stricken and all remaining provisions shall continue to be valid and binding upon the City and the Fire Department who agree that the Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

C. Entire Agreement.

This Agreement contains the entire agreement between the parties hereto and no other agreements, oral or otherwise, regarding the subject matter of this Agreement, shall be deemed to exist or bind any of the parties hereto. Either party may request changes in this Agreement. Proposed changes which are mutually agreed upon shall be incorporated by written amendment to this Agreement.

EACH PERSON EXECUTING THIS AGREEMENT on behalf of a Party represents and warrants that he or she is fully authorized to execute and deliver this Agreement on behalf of the Party for which he or she is signing. The Parties hereby warrant to each other that each has full power and authority to enter into this Agreement and to undertake the actions contemplated herein and that this Agreement is enforceable in accordance with its terms.

This Agreement is executed by:

City of Shoreline

Shoreline Fire Department

By: _____

By: _____

Debbie Tarry
City Manager

Matt Cowan
Fire Chief

Date: _____

Date: _____

City Receiving No.

719 Second Ave, Suite 1250
Seattle, WA 98104
(206) 382-9800
www.dksassociates.com

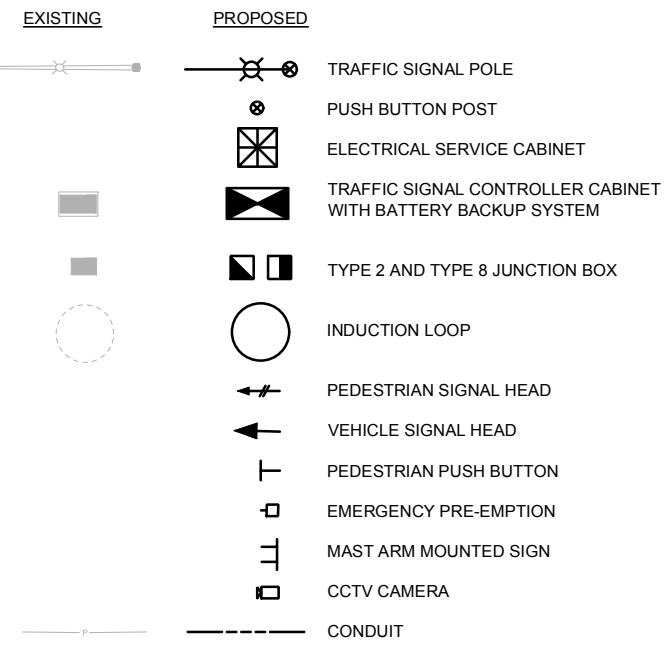


REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA	HSIP-2141(002)	

GENERAL NOTES

1. THE CONTRACTOR SHALL ADHERE TO ALL APPLICABLE NOTES UNLESS OTHERWISE DIRECTED BY THESE PLANS, THE ENGINEER OR AN APPROVED CITY OF SHORELINE REPRESENTATIVE.
2. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CITY OF SHORELINE ENGINEERING DEVELOPMENT MANUAL, SHORELINE STANDARD PLANS AND ENGINEERING DETAILS, WSDOT STANDARD SPECIFICATIONS, LATEST AMENDMENTS TO THE STANDARD SPECIFICATIONS, WSDOT STANDARD PLANS, SPECIAL PROVISIONS AND THESE PLANS.
3. FOR SIGNALIZATION COORDINATION, CONTRACTOR SHALL CONTACT KING COUNTY AT LEAST 14 DAYS IN ADVANCE OF NEED TO SCHEDULE COORDINATION WORK. CONTRACTOR SHALL CONTACT KING COUNTY TRAFFIC MAINTENANCE UNIT SIGNAL TECHNICIAN ULA TUIFUA AT (206) 477-1490.
4. FOR CITY OF SHORELINE COORDINATION, CONTRACTOR SHALL CONTACT QUANG NGUYEN AT (206) 801-2432 FOR SIGNALS AND LEA BONEBRAKE AT (206) 801-2475 FOR ALL OTHER WORK. THE CONTRACTOR SHALL NOTIFY THE CITY OF SHORELINE 14 DAYS PRIOR TO SIGNAL SWITCHOVER.
5. CONTRACTOR SHALL VERIFY INTERSECTION PHASING WITH KING COUNTY MAINTENANCE REPRESENTATIVE PRIOR TO LABELING WIRES.
6. EXISTING TRAFFIC SIGNAL SHALL REMAIN FULLY OPERATIONAL THROUGHOUT CONSTRUCTION EXCEPT DAY OF WIRING MODIFICATIONS WHEN A UNIFORMED POLICE OFFICER SHALL DIRECT TRAFFIC DURING SIGNAL SWITCHOVER.
7. UTILITY LOCATION (DIAL-A-DIG) PRIOR TO CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO UTILITIES DURING CONSTRUCTION.
8. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY MINIMUM VERTICAL CLEARANCE DISTANCE OF 16.5' UNDER ALL NEW MAST ARM MOUNTED SIGNAL HEADS. CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
9. SEE SG.02 FOR LOOP DETECTION PLAN AND SERVICE LOCATION.
10. SEE SG.03 FOR CONSTRUCTION NOTES, WIRING SCHEDULE AND SIGN SCHEDULE.

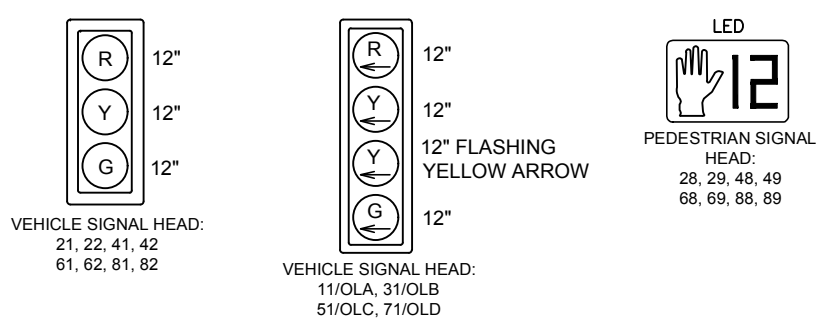
LEGEND



PRE-EMPT SEQUENCE

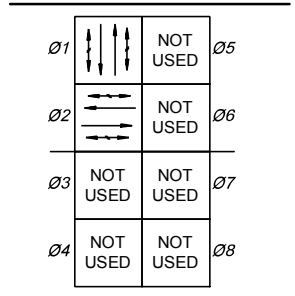
CHANNEL	PHASE
A	2&5
B	4&7
C	1&6
D	3&8

SIGNAL HEAD DISPLAY

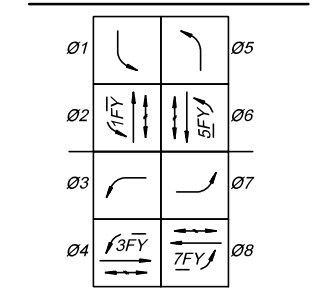


- NOTES:
1. ALL NEW VEHICLE SIGNAL HEADS SHALL BE LED TYPE AND SHALL USE TUNNEL VISORS, SQUARE DOORS AND 5" BACKPLATES WITH 1" YELLOW RETROREFLECTIVE TAPE. NEW VEHICLE SIGNAL HEADS SHALL USE TYPE "N" MOUNTING PER WSDOT STANDARD PLAN J-75.20-01.
 2. ALL NEW PEDESTRIAN SIGNAL HEADS SHALL BE LED TYPE WITH SOLID SYMBOLS AND EQUIPPED WITH "Z" CRATE VISORS. ALL PEDESTRIAN SIGNAL HEADS SHALL USE TYPE "E" MOUNTINGS PER WSDOT STANDARD PLAN J-75.10-02 AND CONSTRUCTION NOTES. ALL PEDESTRIAN SIGNAL HEADS SHALL BE COUNTDOWN TYPE AND SHALL CONFORM TO THE LATEST MUTCD AND ADA REQUIREMENTS. ALL SIGNAL HEAD (VEHICLE AND PEDESTRIAN) HOUSINGS SHALL BE DARK GREEN COLOR (FEDERAL STANDARD 595).

EXISTING SIGNAL PHASE DIAGRAM

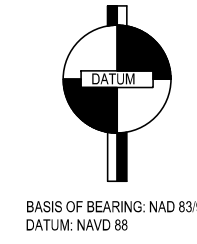
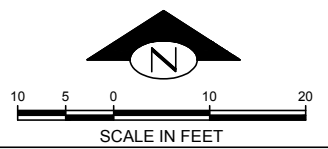
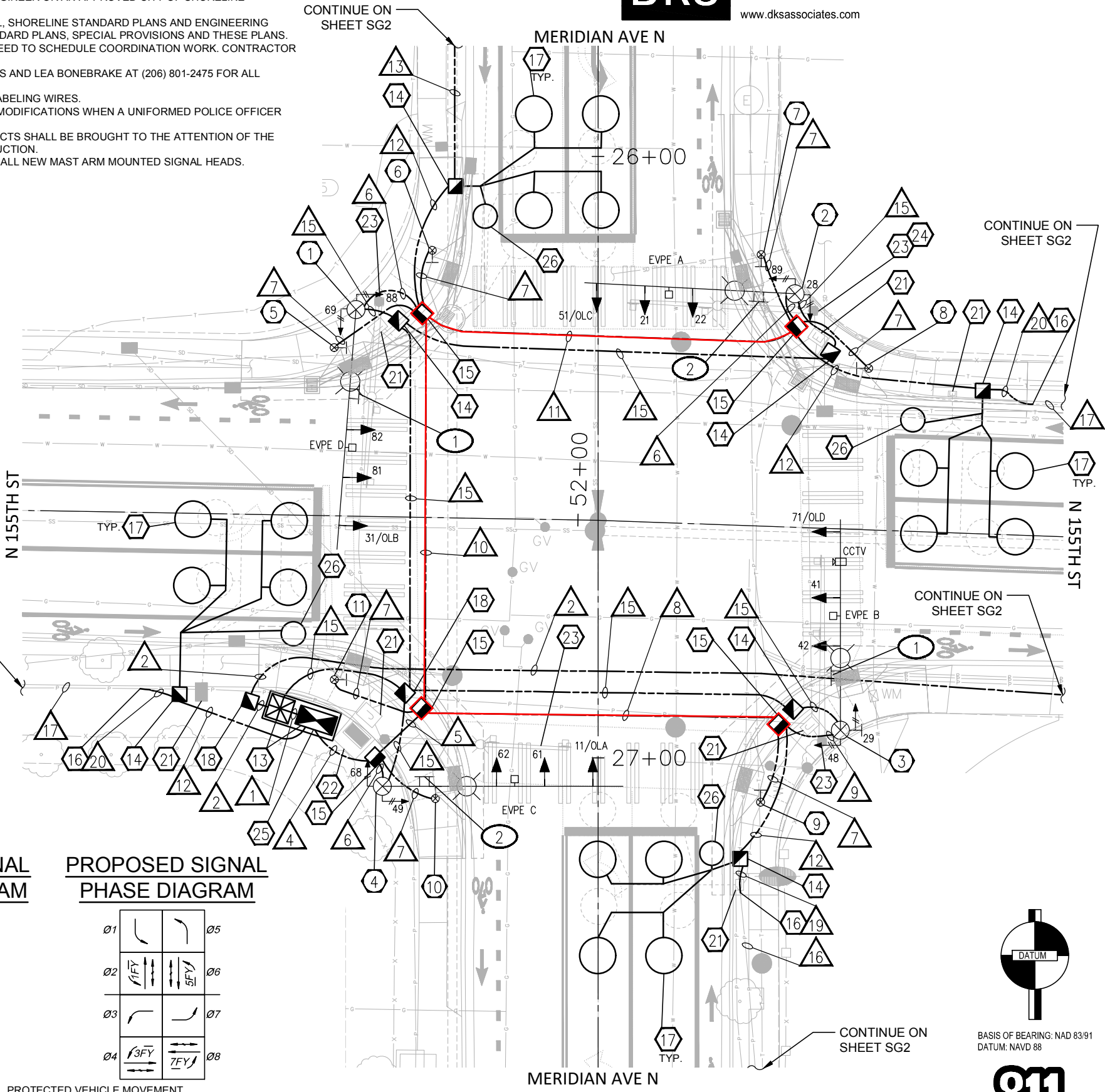


PROPOSED SIGNAL PHASE DIAGRAM



- PROTECTED VEHICLE MOVEMENT
- PERMITTED VEHICLE MOVEMENT
- PEDESTRIAN MOVEMENT
- FY FLASHING YELLOW ARROW

NOTE: TERMINATE SIGNAL CABLE TO PROVIDE PHASE OPERATION AS SHOWN IN PHASE DIAGRAM



Initials	Drawn	Designed	Checked	Revisions	Revisions
SIG	TNL	RJH			
Date	1/11/19	1/11/19	1/11/19		
Description					

MERIDIAN AVE N & N 155TH ST INTERSECTION PHASE CHANGES

SIGNAL PLAN, MERIDIAN AVE N & N155TH ST

IF SHEET IS LESS THAN 22" X 34", IT IS A REDUCTION

Project No. 8977

Sheet **SG.01 SIGNAL**

Sheet 9 of 19

CONFORMED SET

7g-8

GENERAL NOTES

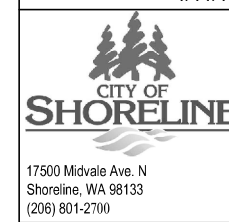
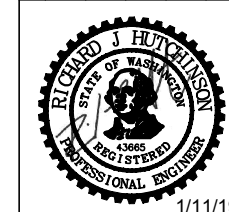
1. SEE SG.01 FOR CORRESPONDING SIGNAL PLAN.
2. SEE SG.03 FOR CONSTRUCTION NOTES, WIRING SCHEDULE AND SIGN SCHEDULE.



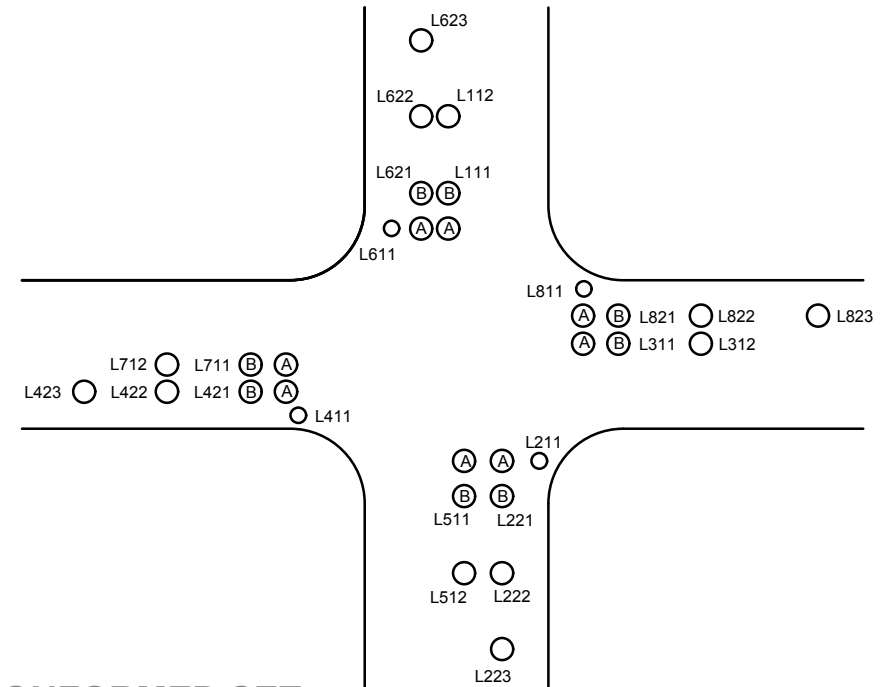
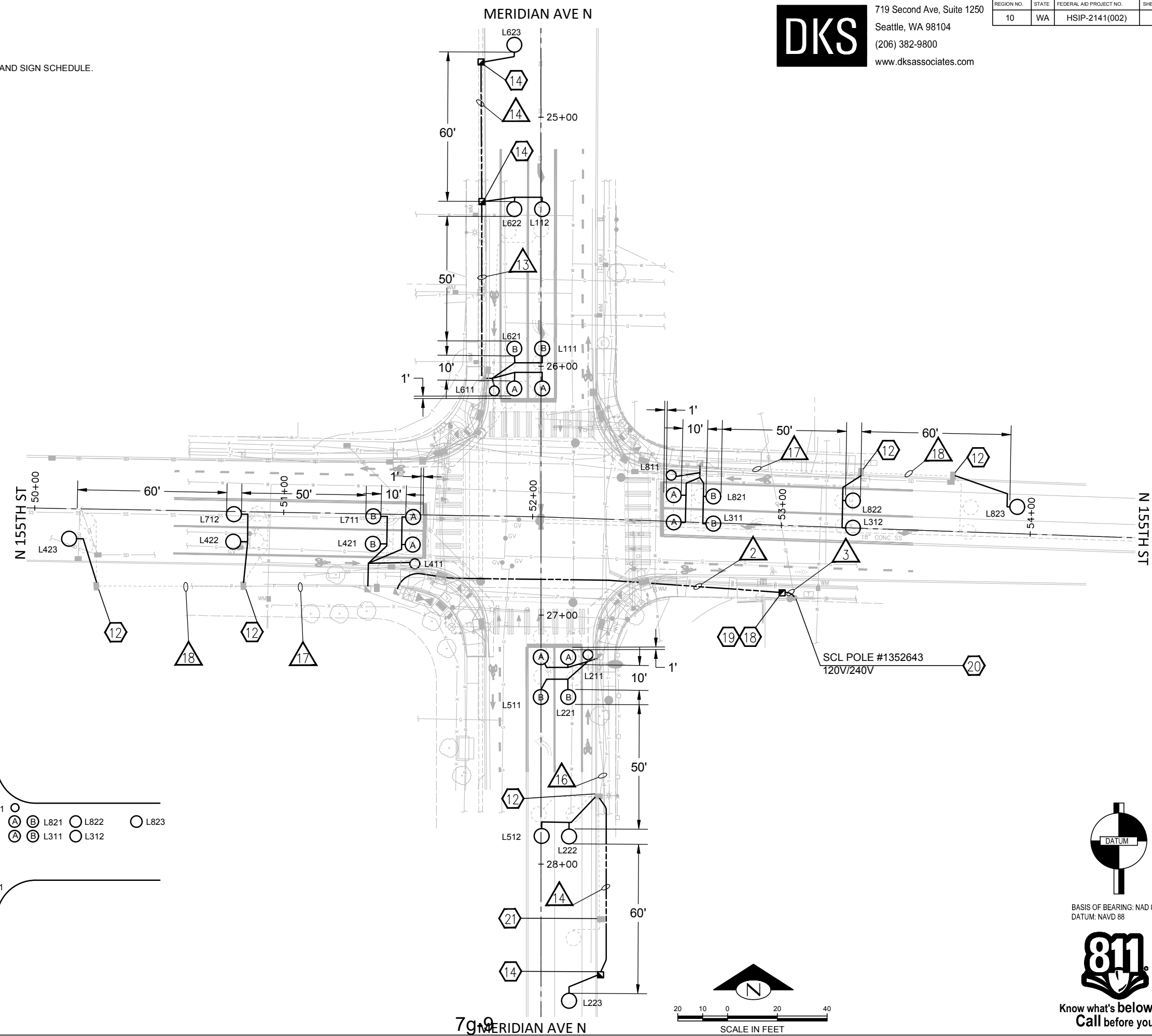
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10	WA	HSIP-2141(002)	

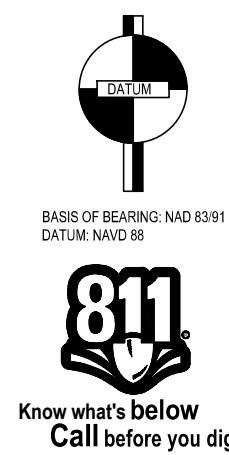
Initials	Date	Description
S/JG	1/11/19	
TNL	1/11/19	
R/H	1/11/19	



MERIDIAN AVE N & N 155TH ST
INTERSECTION PHASE CHANGES
 SIGNAL PLAN, MERIDIAN AVE N & N155TH ST



CONFORMED SET



IF SHEET IS LESS THAN 22" X 34", IT IS A REDUCTION

Project No. 8977

Sheet **SG.02 SIGNAL**

Sheet 10 of 19

CONSTRUCTION NOTES

- 1 CONSTRUCT 3' ROUND FOUNDATION PER WSDOT STD PLAN J-26.10-03. FURNISH AND INSTALL NEW TYPE III SIGNAL POLE WITH 40' MAST ARM AND 12' LUMINAIRE ARM. INSTALL ONE FOUR-SECTION VEHICLE SIGNAL HEAD, TWO THREE-SECTION VEHICLE SIGNAL HEADS, ONE EMERGENCY PRE-EMPTION DETECTOR AND ONE STREET NAME SIGN ON MAST ARM. INSTALL TWO PEDESTRIAN SIGNAL HEADS AND ONE TERMINAL CABINET ON POLE. INSTALL ONE LED TYPE LUMINAIRE ON LUMINAIRE ARM. FOR POLE LOCATION AND DETAILS, SEE SIGNAL STANDARD SHEET SG.04. FOR SIGN DETAILS, SEE SIGN SCHEDULE. SEE SPECIAL PROVISIONS.
- 2 CONSTRUCT 3' ROUND FOUNDATION PER WSDOT STD PLAN J-26.10-03. FURNISH AND INSTALL NEW TYPE III SIGNAL POLE WITH 35' MAST ARM AND 10' LUMINAIRE ARM. INSTALL ONE FOUR-SECTION VEHICLE SIGNAL HEAD, TWO THREE-SECTION VEHICLE SIGNAL HEADS, ONE EMERGENCY PRE-EMPTION DETECTOR AND ONE STREET NAME SIGN ON MAST ARM. INSTALL TWO PEDESTRIAN SIGNAL HEADS AND ONE TERMINAL CABINET ON POLE. INSTALL ONE LED TYPE LUMINAIRE ON LUMINAIRE ARM. FOR POLE LOCATION AND DETAILS, SEE SIGNAL STANDARD SHEET SG.04. FOR SIGN DETAILS, SEE SIGN SCHEDULE. SEE SPECIAL PROVISIONS.
- 3 CONSTRUCT 3' ROUND FOUNDATION PER WSDOT STD PLAN J-26.10-03. FURNISH AND INSTALL NEW TYPE III SIGNAL POLE WITH 35' MAST ARM AND 12' LUMINAIRE ARM. INSTALL ONE FOUR-SECTION VEHICLE SIGNAL HEAD, TWO THREE-SECTION VEHICLE SIGNAL HEADS, ONE EMERGENCY PRE-EMPTION DETECTOR, ONE STREET NAME SIGN AND ONE CCTV CAMERA MOUNTED ON MAST ARM. INSTALL TWO PEDESTRIAN SIGNAL HEADS, ONE APS PUSHBUTTON AND ONE TERMINAL CABINET ON POLE. INSTALL ONE LED TYPE LUMINAIRE ON LUMINAIRE ARM. FOR POLE LOCATION AND DETAILS, SEE SIGNAL STANDARD SHEET SG.04. FOR SIGN DETAILS, SEE SIGN SCHEDULE. FOR CAMERA MOUNTING DETAILS, SEE SIGNAL DETAILS SHEET SG.06. SEE SPECIAL PROVISIONS.
- 4 CONSTRUCT 3' ROUND FOUNDATION PER WSDOT STD PLAN J-26.10-03. FURNISH AND INSTALL NEW TYPE III SIGNAL POLE WITH 40' MAST ARM AND 14' LUMINAIRE ARM. INSTALL ONE FOUR-SECTION VEHICLE SIGNAL HEAD, TWO THREE-SECTION VEHICLE SIGNAL HEADS, ONE EMERGENCY PRE-EMPTION DETECTOR AND ONE STREET NAME SIGN ON MAST ARM. INSTALL TWO PEDESTRIAN SIGNAL HEADS AND ONE TERMINAL CABINET ON POLE. INSTALL ONE LED TYPE LUMINAIRE ON LUMINAIRE ARM. FOR POLE LOCATION AND DETAILS, SEE SIGNAL STANDARD SHEET SG.04. FOR SIGN DETAILS, SEE SIGN SCHEDULE. SEE SPECIAL PROVISIONS.
- 5 CONSTRUCT FOUNDATION PER WSDOT STD PLAN J-20.10-03. FURNISH AND INSTALL NEW PEDESTRIAN PUSHBUTTON POST. INSTALL ONE APS PUSHBUTTON ON POST. FOR POST LOCATION AND DETAILS, SEE SIGNAL STANDARD SHEET SG.04.
- 6 CONSTRUCT FOUNDATION PER WSDOT STD PLAN J-20.10-03. FURNISH AND INSTALL NEW PEDESTRIAN PUSHBUTTON POST. INSTALL ONE APS PUSHBUTTON ON POST. FOR POST LOCATION AND DETAILS, SEE SIGNAL STANDARD SHEET SG.04.
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- 8 CONSTRUCT FOUNDATION PER WSDOT STD PLAN J-20.10-03. FURNISH AND INSTALL NEW PEDESTRIAN PUSHBUTTON POST. INSTALL ONE APS PUSHBUTTON ON POST. FOR POST LOCATION AND DETAILS, SEE SIGNAL STANDARD SHEET SG.04.
- 9 CONSTRUCT FOUNDATION PER WSDOT STD PLAN J-20.10-03. FURNISH AND INSTALL NEW PEDESTRIAN PUSHBUTTON POST. INSTALL ONE APS PUSHBUTTON ON POST. FOR POST LOCATION AND DETAILS, SEE SIGNAL STANDARD SHEET SG.04.
- 10 CONSTRUCT FOUNDATION PER WSDOT STD PLAN J-20.10-03. FURNISH AND INSTALL NEW PEDESTRIAN PUSHBUTTON POST. INSTALL ONE APS PUSHBUTTON ON POST. FOR POST LOCATION AND DETAILS, SEE SIGNAL STANDARD SHEET SG.04.
- 11 CONSTRUCT FOUNDATION PER WSDOT STD PLAN J-20.10-03. FURNISH AND INSTALL NEW PEDESTRIAN PUSHBUTTON POST. INSTALL ONE APS PUSHBUTTON ON POST. FOR POST LOCATION AND DETAILS, SEE SIGNAL STANDARD SHEET SG.04.
- 12 DISCONNECT AND REMOVE EXISTING WIRING TO EXISTING DETECTION. PROTECT EXISTING CONDUIT. INSTALL NEW STUBOUTS TO NEW INDUCTION LOOPS.
- 13 CONSTRUCT JOINT CONTROLLER/SERVICE CABINET FOUNDATION PER SIGNAL DETAILS ON SHEET SG.06. FURNISH AND INSTALL ONE 100 AMP WSDOT TYPE D SERVICE CABINET AND ONE FULLY FURNISHED MCCAIN TS2 TYPE 2 "P" STRETCH CONTROLLER CABINET WITH ONE TESCO EXTERNAL ("PIGGY BACK") BATTERY BACKUP. CONTROLLER CABINET DOOR SHALL FACE SOUTHWEST. INSTALL ONE OWNER FURNISHED ECONOLITE COBALT CONTROLLER AND CONNECT ALL FIELD WIRING. VERIFY FINAL LOCATION WITH ENGINEER IN THE FIELD PRIOR TO POURING FOUNDATIONS. CONTACT KING COUNTY 28 WORKING DAYS IN ADVANCE OF CONTROLLER CONNECTION NEED FOR OWNER FURNISHED CONTROLLER. SEE SPECIAL PROVISIONS.
- 14 FURNISH AND INSTALL TYPE 2 JUNCTION BOX PER WSDOT STD PLAN J-40.10-04.
- 15 FURNISH AND INSTALL TYPE 8 JUNCTION BOX PER WSDOT STD PLAN J-40.30-04.
- 16 INTERCEPT EXISTING CONDUITS AND MATCH SIZE AND TYPE. CONNECT AND EXTEND NEW CONDUITS TO NEW JUNCTION BOX TO CONNECT SYSTEM.
- 17 INSTALL INDUCTION LOOPS PER CITY OF SHORELINE STD PLAN 420. LOOPS TO BE INSTALLED PRIOR TO OVERLAY.
- 18 FURNISH AND INSTALL TYPE 2 JUNCTION BOX WITH LOCKING LID LABELED "SCL" PER SCL STANDARD 7203.10.
- 19 COIL 20 FT OF SERVICE FEEDER CABLE AT JUNCTION BOX FOR FINAL SERVICE CONNECTION BY SCL.
- 20 INSTALL 3" CONDUIT RISER ON POLE PER SEATTLE CITY LIGHT STANDARD 0224.34 AND 0126.04. COORDINATE WITH SCL ELECTRICAL SERVICE REPRESENTATIVE (NORTH), (206)684-4975, AT LEAST 10 DAYS IN ADVANCE OF NEED FOR SERVICE CONNECTION. REFERENCE SR#1711663 FOR SERVICE CABINET.
- 21 REMOVE EXISTING JUNCTION BOX AND ASSOCIATED WIRING.
- 22 REMOVE EXISTING CONTROLLER CABINET, FOUNDATION, CONDUIT AND ASSOCIATED WIRING. SALVAGE SIGNAL EQUIPMENT PER SPECIAL PROVISIONS.
- 23 REMOVE SIGNAL POLE, MAST ARM, FOUNDATION, ALL MOUNTED EQUIPMENT, ASSOCIATED WIRING AND CONDUIT. SALVAGE SIGNAL EQUIPMENT PER SPECIAL PROVISIONS.
- 24 COORDINATE WITH SCL TO ENSURE SERVICE HAS BEEN DISCONNECTED AT POWER SOURCE. REMOVE EXISTING POLE MOUNTED ELECTRICAL SERVICE.
- 25 CONTRACTOR SHALL COORDINATE WITH PHONE PROVIDER VERIZON AND PROVIDE A CELL DROP AND ALL NECESSARY EQUIPMENT TO THE SIGNAL CONTROLLER FOR SIGNAL INTERCONNECT SERVICES.
- 26 INSTALL BIKE INDUCTION LOOP PER SIGNAL DETAILS ON SHEET SG.06.

GENERAL NOTES

1. SEE SG.01 FOR CORRESPONDING SIGNAL PLAN.
2. SEE SG.02 FOR CORRESPONDING LOOP DETECTION PLAN AND SERVICE LOCATION.

CONFORMED SET



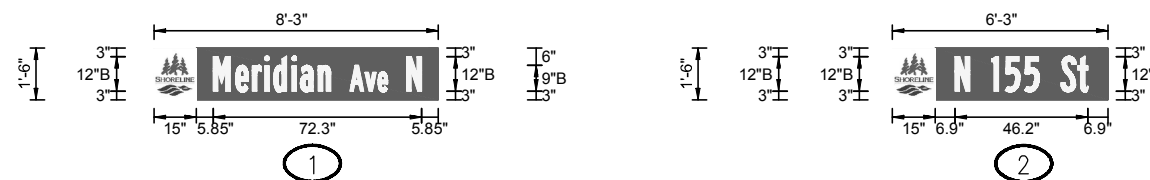
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10	WA	HSIP-2141(002)	

WIRE SCHEDULE

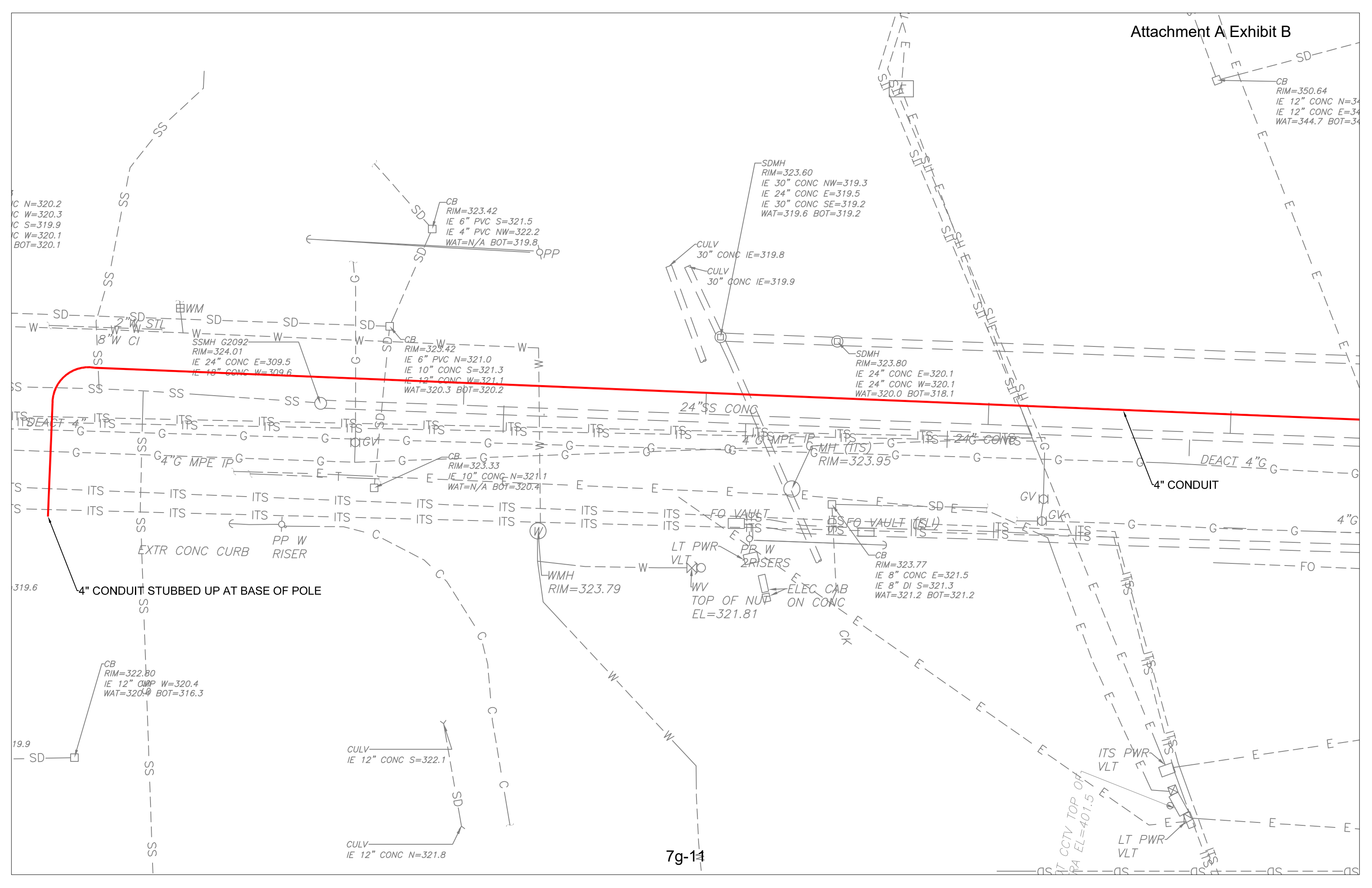
#	CONDUIT	SERVICE	EXISTING CONDUCTORS	LOOPS	EVPE	PPB	PED HEAD/VEH SIGNAL HEAD	VEH SIGNAL HEAD	ILLUMINATION	CCTV	GROUND	NOTES
				2c(SH)	M138	2c(SH)	5c	7c				
1	2"	2-#6									1-#6	
2	3"	2-#2									1-#2	COORDINATE WITH SEATTLE CITY LIGHT
3	3" RISER	BY SCL										COORDINATE WITH SEATTLE CITY LIGHT
4	4"						12	4			1-#6	
	4"			18		8					1-#6	
	3"				4					1	1-#6	
5	4"				3		9	3			1-#6	
	4"			18		7				1	1-#6	
6	2"						3	1			1-#6	
	2"				1						1-#6	
7	1"					1					1-#6	
8	3"						3	1			1-#6	
	3"			6	1	2				1	1-#6	
	3"											SPARE CONDUIT
9	2"						3	1			1-#6	
	2"				1	1				1	1-#6	
10	3"						6	2			1-#6	
	3"			12	2	4					1-#6	
	3"											SPARE CONDUIT
11	3"						3	1			1-#6	
	3"			6	1	2					1-#6	
	3"											SPARE CONDUIT
12	3"			6							1-#6	
13	2"			3							1-#6	
14	2"			1							1-#6	
15	2"								2-#8		1-#8	
16	EX. 2"		2-2c(SH)*	3							1-#6	*REMOVE EXISTING CONDUCTORS
17	EX. 1.5"		2-2c(SH)*	3							1-#6	*REMOVE EXISTING CONDUCTORS
18	EX. 1.5"		2-2c(SH)*	1							1-#6	*REMOVE EXISTING CONDUCTORS
19	2"			3							1-#6	
20	1.5"			3							1-#6	

SIGN SCHEDULE



NOTE: SIGNS SHALL MEET CURRENT MUTCD REQUIREMENTS. STREET NAME SIGN DIMENSIONS SHALL BE PER CITY OF SHORELINE STANDARD PLAN 517. SIGNS ON SIGNAL STANDARD SHALL BE INSTALLED PER WSDOT STANDARD PLANS G30.10-04.

Description				
	Date	1/11/19	1/11/19	1/11/19
Initials	SIG	TNL	RH	
	Drawn	Designed	Checked	Revisions
17500 Midvale Ave. N Shoreline, WA 98133 (206) 801-2700				
MERIDIAN AVE N & N 155TH ST INTERSECTION PHASE CHANGES				
SIGNAL PLAN, MERIDIAN AVE N & N155TH ST				
IF SHEET IS LESS THAN 22" X 34", IT IS A REDUCTION				
Project No.	8977			
Sheet	SG.03 SIGNAL			
Sheet 11 of 19				



C N=320.2
 C W=320.3
 C S=319.9
 C W=320.1
 BOT=320.1

CB
 RIM=350.64
 IE 12" CONC N=34
 IE 12" CONC E=34
 WAT=344.7 BOT=34

SDMH
 RIM=323.60
 IE 30" CONC NW=319.3
 IE 24" CONC E=319.5
 IE 30" CONC SE=319.2
 WAT=319.6 BOT=319.2

CULV
 30" CONC IE=319.8
 CULV
 30" CONC IE=319.9

SDMH
 RIM=323.80
 IE 24" CONC E=320.1
 IE 24" CONC W=320.1
 WAT=320.0 BOT=318.1

CB
 RIM=323.42
 IE 6" PVC S=321.5
 IE 4" PVC NW=322.2
 WAT=N/A BOT=319.8

SSMH G2092
 RIM=324.01
 IE 24" CONC E=309.5
 IE 18" CONC W=309.6

CB
 RIM=323.33
 IE 10" CONC N=321.1
 WAT=N/A BOT=320.4

CB
 RIM=323.77
 IE 8" CONC E=321.5
 IE 8" DI S=321.3
 WAT=321.2 BOT=321.2

WMH
 RIM=323.79

LT PWR
 VLT
 PR W
 2 RISERS
 TOP OF NUD
 EL=321.81

CB
 RIM=322.80
 IE 12" CONC W=320.4
 WAT=320.4 BOT=316.3

CULV
 IE 12" CONC S=322.1

CULV
 IE 12" CONC N=321.8

4" CONDUIT STUBBED UP AT BASE OF POLE

4" CONDUIT

24" SS CONG

4" G MPE TP

DEACT 4" G

4" G

FO

ITS PWR
 VLT

LT PWR
 VLT

AT CCTV TOP OF
 RA EL=401.5

CB
RIM=350.64
IE 12" CONC N=345.4
IE 12" CONC E=344.7
WAT=344.7 BOT=342.3

CB
RIM=327.54
IE 8" CONC NE=324.2
IE 18" CONC E=323.0
IE 24" CONC W=322.6
IE 18" CONC NW=324.1
WAT=322.6 BOT=321.1

CB
RIM=334.19
IE 12" CONC N=332.2
IE 18" CONC E=330.3
IE 18" CONC W=330.3
WAT=330.3 BOT=330.9

CB
RIM=327.44
IE 8" CONC N=324.9
IE 8" CONC W=325.0
WAT=325.0 BOT=324.8

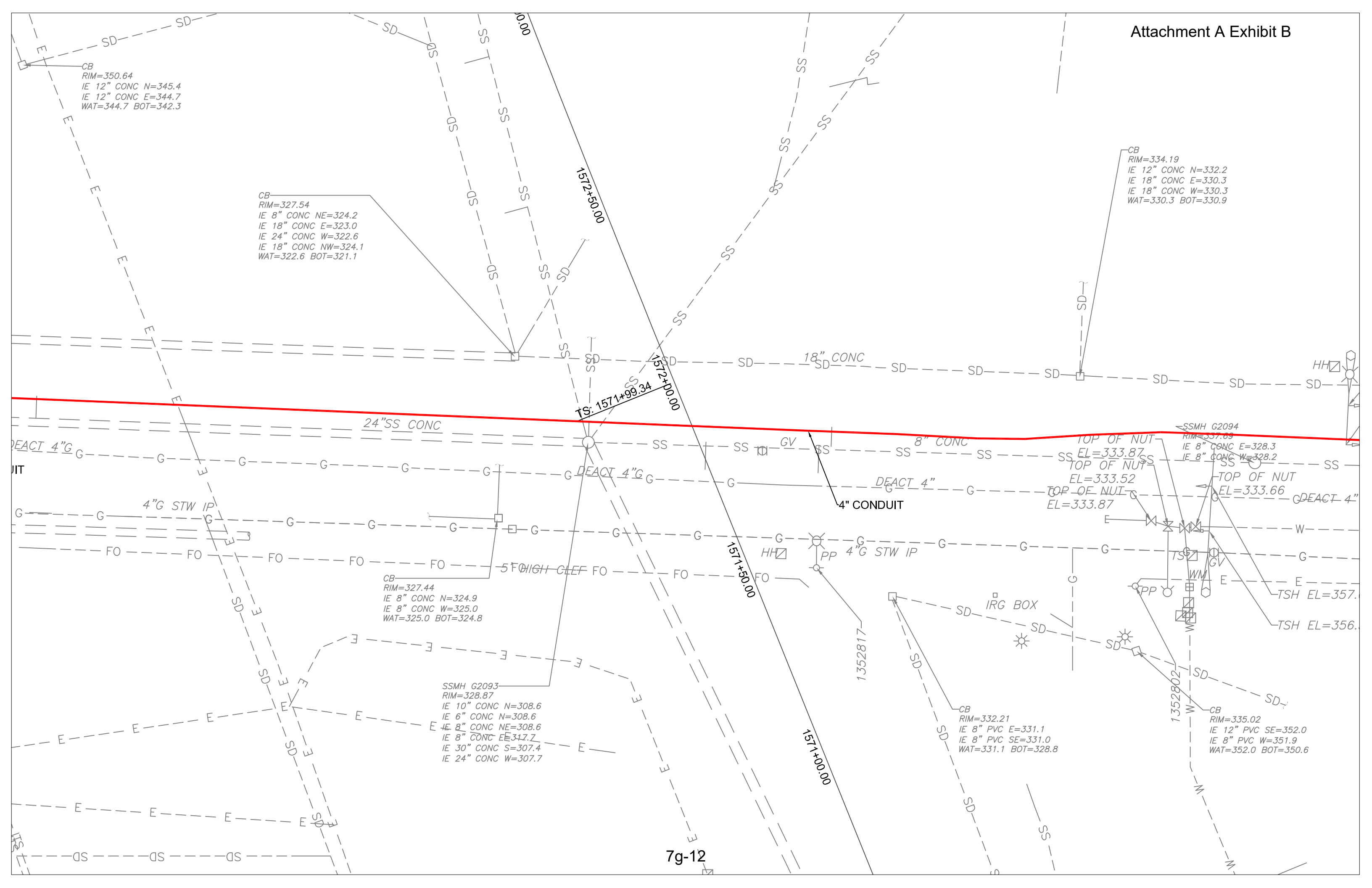
SSMH G2093
RIM=328.87
IE 10" CONC N=308.6
IE 6" CONC N=308.6
IE 8" CONC NE=308.6
IE 8" CONC E=317.7
IE 30" CONC S=307.4
IE 24" CONC W=307.7

CB
RIM=332.21
IE 8" PVC E=331.1
IE 8" PVC SE=331.0
WAT=331.1 BOT=328.8

CB
RIM=335.02
IE 12" PVC SE=352.0
IE 8" PVC W=351.9
WAT=352.0 BOT=350.6

TS: 1571+99.34

7g-12



IE=324.2
E=323.0
W=322.6
NW=324.1
DT=321.1

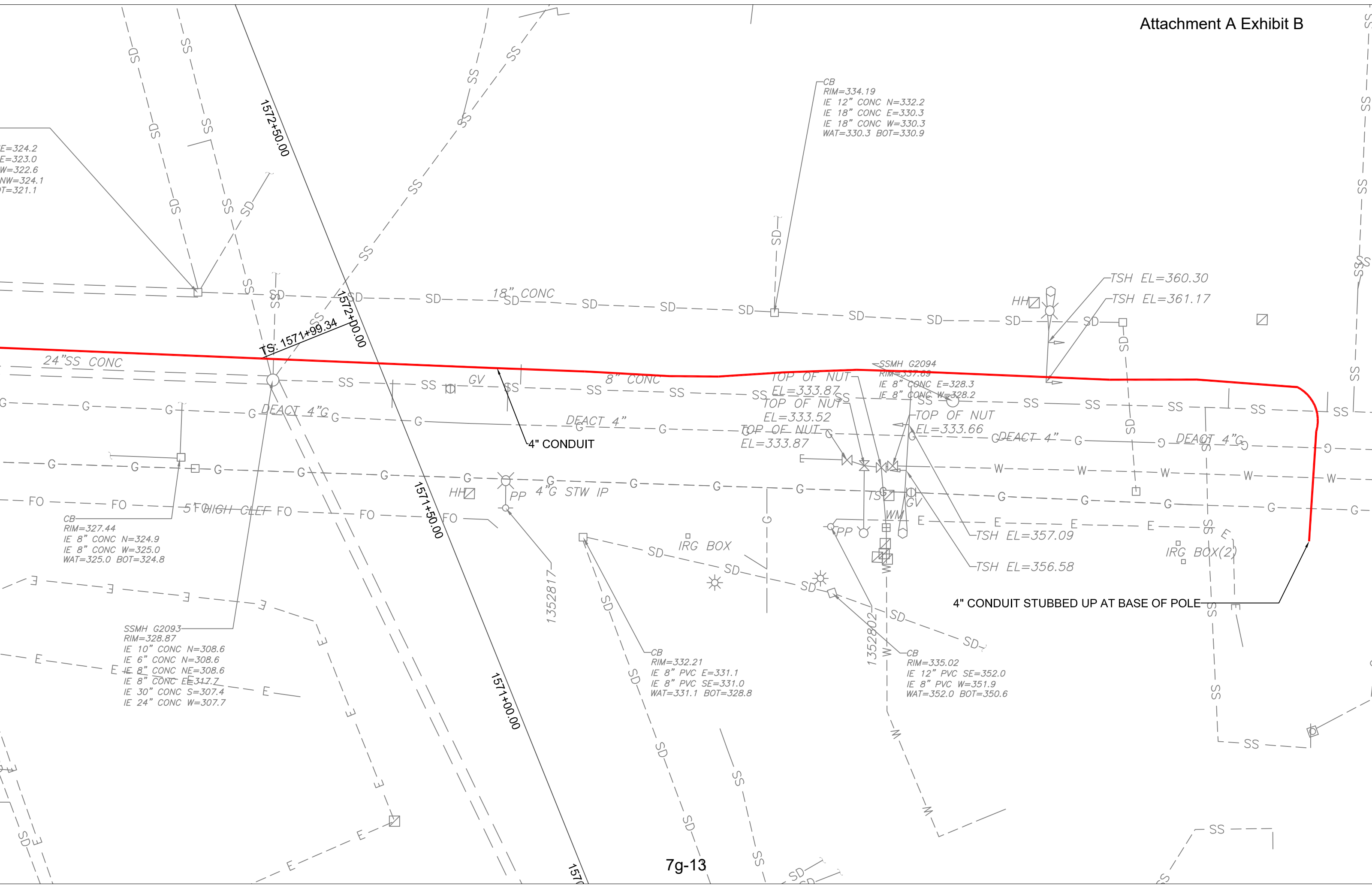
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IE 12" CONC N=332.2
IE 18" CONC E=330.3
IE 18" CONC W=330.3
WAT=330.3 BOT=330.9

CB
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IE 8" CONC N=324.9
IE 8" CONC W=325.0
WAT=325.0 BOT=324.8

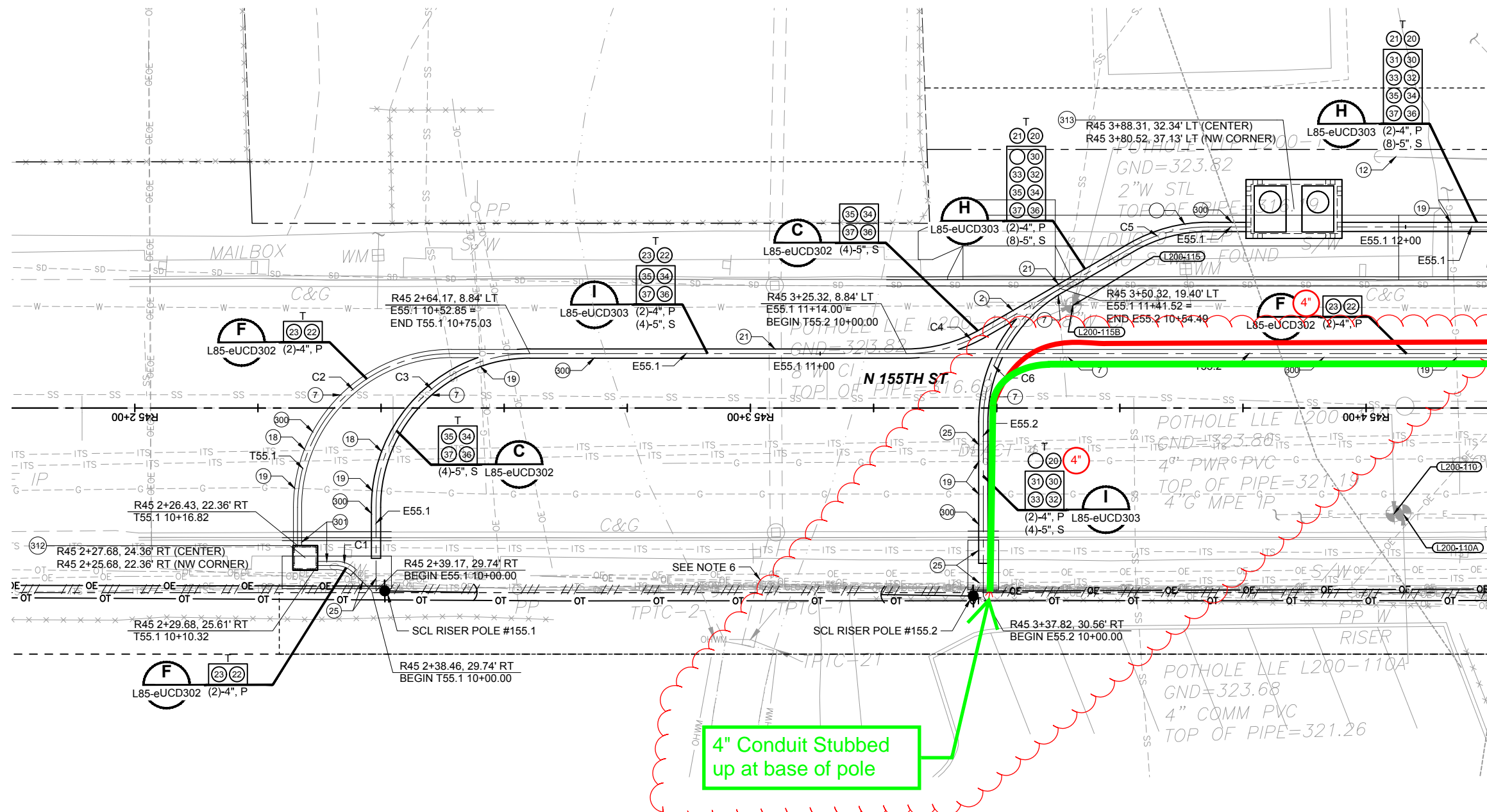
SSMH G2093
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IE 10" CONC N=308.6
IE 6" CONC N=308.6
IE 8" CONC NE=308.6
IE 8" CONC EE=317.7
IE 30" CONC S=307.4
IE 24" CONC W=307.7

CB
RIM=332.21
IE 8" PVC E=331.1
IE 8" PVC SE=331.0
WAT=331.1 BOT=328.8

CB
RIM=335.02
IE 12" PVC SE=352.0
IE 8" PVC W=351.9
WAT=352.0 BOT=350.6



- Xrefs:
- XL200-L85-KAP100
- XL200-L85-eRPP100
- XLLE-SHLN-VBP
- XLLE-SHLN-VON
- XL200-L85-eCLP100
- GB-SEAL-MUM31003
- XLLE-SHLN-VRX
- XL200-L85-eUUV300
- XL200-GB-EW22-34
- XL200-L85-KWP100
- XL200-L85-SEP100
- XL200-L85-SWP100
- XL200-L85-JOP100
- XL200-L85-JEP100
- XL200-L85-CP100
- XL200-L85-CDP100
- XL115-L85-UCP100
- XL115-L85-UCP300
- XL200-L85-UCP100
- XL200-L85-UCP300
- XL200-L85-eCRP100
- XL200-L85-eCP100
- XL200-L85-eUCP100
- XL200-L85-eCAP101
- XL200-L85-eUCP300
- XL200-L85-UCP102
- XL200-L85-CEP



1. FOR UTILITY PROFILES SEE DRAWINGS L85-eUUV300 THROUGH L85-eUUV350.
2. FOR TYPICAL UTILITY SECTIONS, SCL VAULT BUTTERFLIES AND POLE RISER DETAILS. SEE DRAWINGS L85-eUCD300 THROUGH L85-eUCD310.
3. DENOTES EXISTING UTILITY POLE. POLE NUMBER. SEE DRAWING L85-eUCD300 FOR INFORMATION.
4. DENOTES POTHOLE. SEE DRAWING L85-eUCD106 FOR MORE INFORMATION.
5. WHERE TRENCHING IS REQUIRED IN THE STREET ALL PAVEMENT RESTORATION WILL CONFORM TO CITY OF SHORELINE STD PLAN 802, FLEXIBLE PAVEMENT PATCHING. RESTORE ANY IMPACTED PAVEMENT MARKINGS IN KIND.
6. SCL TO REMOVE OVERHEAD ELECTRIC ONCE UNDERGROUND CABLING IS COMPLETED.

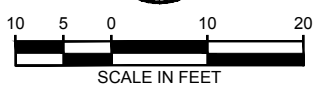
KEY NOTES:

2. PIP EXIST WM.
5. PIP EXIST W SVC.
7. PIP EXIST SS.
12. PIP EXIST GUY WIRE, COORD W/ SCL.
18. PIP EXIST TELECOMM.
- 19.
21. PIP EXIST SD.
25. PIP EXIST WSDOT ITS.
300. CONST UG ELECTRIC DUCT BANK IN ACCORDANCE W/ SCL CONSTRUCTION STD 0222.02.
312. FURNISH AND CONSTRUCT 444 ELECTRIC VAULT PER SCL MATERIAL STD 7203.26.
313. FURNISH AND CONSTRUCT 814 ELECTRIC VAULT PER SCL MATERIAL STD 7203.51 AND CONSTRUCTION STD U2-15.1.

MATCHLINE SEE DWG L85-eUAP341

4" Conduit Stubbed up at base of pole

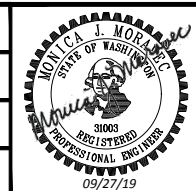
CURVE TABLE										
CURVE NO.	ALIGNMENT NAME	PI STATION	ROAD ALIGNMENT	BEARING	DELTA	RADIUS	LENGTH	TANGENT	PC STATION	PT STATION
C1	T55.1	10+05.83	R45 2+34.34, 25.61' RT	N42° 58' 39.02"W	45° 00' 00"	4.00'	3.14'	1.66'	10+04.18	10+07.32
C2	T55.1	10+48.02	R45 2+26.43, 8.84' LT	N02° 01' 20.98"E	90° 00' 00"	25.00'	39.27'	25.00'	10+23.02	10+62.29
C3	E55.1	10+38.58	R45 2+39.17, 8.84' LT	N02° 01' 20.98"E	90° 00' 00"	25.00'	39.27'	25.00'	10+13.58	10+52.85
C4	E55.1	11+20.70	R45 3+32.02, 8.84' LT	S87° 58' 39.02"E	30° 00' 00"	25.00'	13.09'	6.70'	11+14.00	11+27.09
C5	E55.1	11+61.57	R45 3+67.69, 29.43' LT	N62° 01' 20.98"E	30° 00' 00"	25.00'	13.09'	6.70'	11+54.87	11+67.96
C6	E55.2	10+42.74	R45 3+37.82, 12.19' LT	N02° 01' 20.98"E	60° 00' 00"	25.00'	26.18'	14.43'	10+28.31	10+54.49



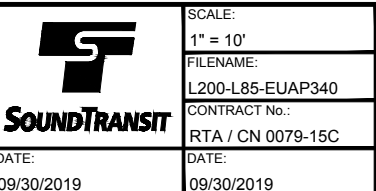
09/20/19 | 1:29 PM | JONG
Z:\160001-160099\160216 (LYNNWOOD LINK)\CADD\DESIGN\DWG\DOWNLOADS\L200\L200-L85-EUAP340.DWG

No.	DATE	DSN	CHK	APP	REVISION
0	09/30/19				ISSUED FOR CONTRACT

DESIGNED BY:
DRAWN BY:
J. CURTIS
CHECKED BY:
S. KIRBY
APPROVED BY:
J. SCHUTT



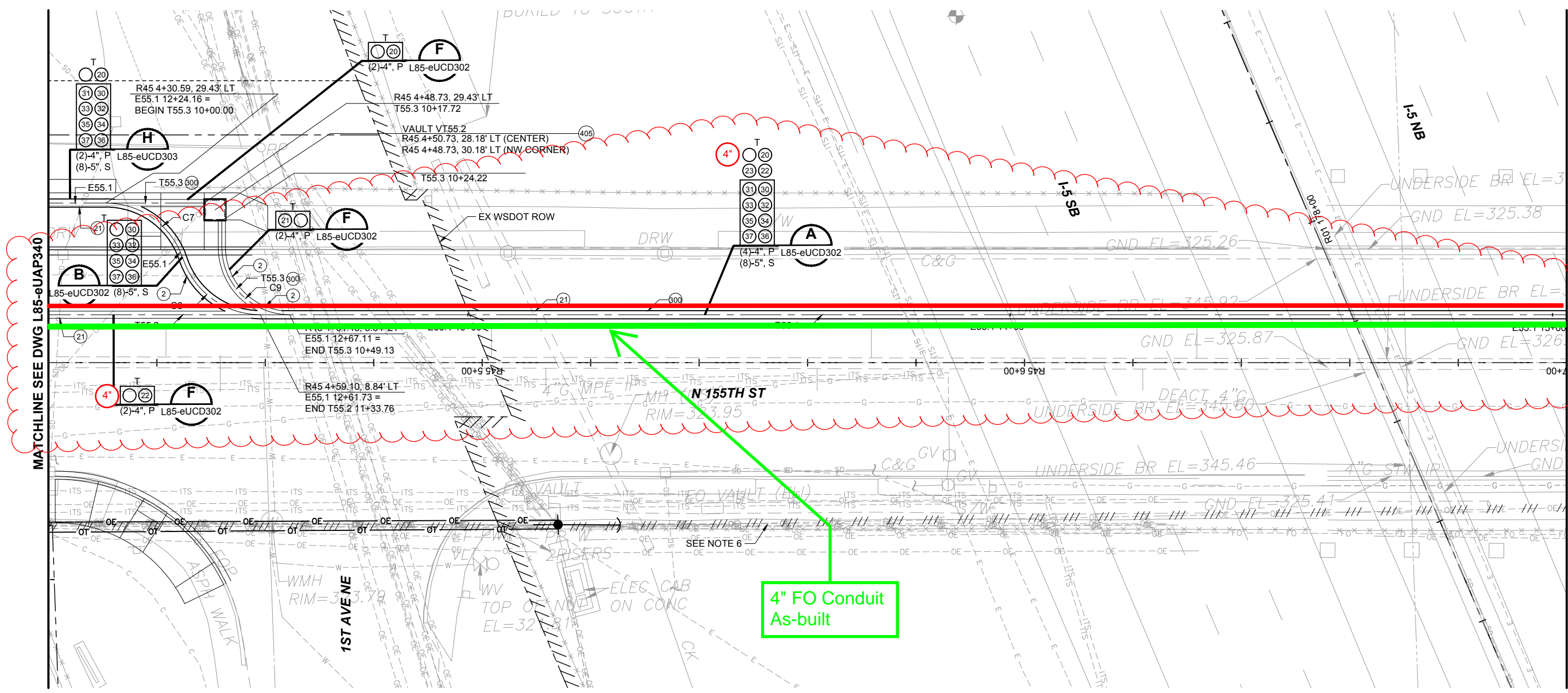
DATE: 09/30/2019
REVIEWED BY: F. CHIHAB



**LYNNWOOD LINK EXTENSION
CONTRACT L200**
NORTHGATE STATION TO NE 200TH STREET
**COMPOSITE UTILITY PLAN
DRY UTILITIES**

DRAWING No.: L85-eUAP340	
LOCATION ID: N16	
SHEET No.: 466	REV: 0

- Xrefs:
- XL200-L85-KAP100
- XL200-L85-eRPP100
- XLLE-SHLN-VBP
- XLLE-SHLN-VCN
- XL200-L85-eCLP100
- GB-SEAL-MUM31003
- XLLE-SHLN-VRX
- XL200-L85-eUUV300
- XL200-GB-EW22-34
- XL200-L85-KWP100
- XL200-L85-SEP100
- XL200-L85-SWP100
- XL200-L85-JOP100
- XL200-L85-JEP100
- XL200-L85-eCP100
- XL200-L85-CDP100
- XL115-L85-UCP100
- XL115-L85-UCP300
- XL200-L85-UCP100
- XL200-L85-UCP300
- XL200-L85-eCRP100
- XL200-L85-eCP100
- XL200-L85-eUCP100
- XL200-L85-eUCP300
- XL200-L85-eCAP101
- XL200-L85-eCAP100



MATCHLINE SEE DWG L85-eUAP340

MATCHLINE SEE DWG L85-eUAP342

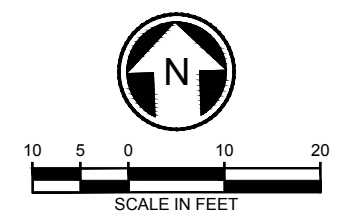
CURVE NO.	ALIGNMENT NAME	PI STATION	ROAD ALIGNMENT	BEARING	DELTA	RADIUS	LENGTH	TANGENT	PC STATION	PT STATION
C7	E55.1	12+34.56	R45 4+40.98, 29.43' LT	S87° 58' 39.02"E	69° 26' 03"	15.00'	18.18'	10.39'	12+24.16	12+42.34
C8	E55.1	12+53.94	R45 4+51.98, 8.84' LT	S18° 32' 35.80"E	69° 26' 03"	15.00'	18.18'	10.39'	12+43.55	12+61.73
C9	T55.3	10+41.99	R45 4+48.70, 8.84' LT	S02° 01' 20.98"W	90° 00' 00"	12.50'	19.64'	12.50'	10+29.49	10+49.13

KEY NOTES:

- 2. PIP EXIST WM.
- 21. PIP EXIST SD.
- 300. CONST UG ELECTRIC DUCT BANK IN ACCORDANCE W/ SCL CONSTRUCTION STD 0222.02.
- 405. CONST TELECOMM VLT/JB.

GENERAL NOTES CONT'D:

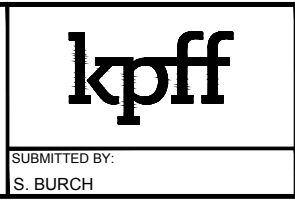
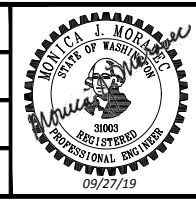
- 1. FOR UTILITY PROFILES SEE DRAWINGS L85-eUUV300 THROUGH L85-eUUV342.
- 2. FOR TYPICAL UTILITY SECTIONS, SCL VAULT BUTTERFLIES AND POLE RISER DETAILS. SEE DRAWINGS L85-eUCD300 THROUGH L85-eUCD310.
- 3. # DENOTES EXISTING UTILITY POLE. POLE NUMBER. SEE DRAWING L85-eUCD300 FOR INFORMATION.
- 4. L200-XXX DENOTES POTHOLE. SEE DRAWING L85-eUCD106 FOR MORE INFORMATION.
- 5. WHERE TRENCHING IS REQUIRED IN THE STREET ALL PAVEMENT RESTORATION WILL CONFORM TO CITY OF SHORELINE STD PLAN 802, FLEXIBLE PAVEMENT PATCHING. RESTORE ANY IMPACTED PAVEMENT MARKINGS IN KIND.
- 6. SCL TO REMOVE OVERHEAD ELECTRIC ONCE UNDERGROUND CABLING IS COMPLETED.



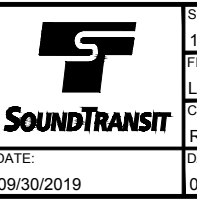
09/20/19 | 1:30 PM | JONG

DESIGNED BY:										
DRAWN BY:	J. CURTIS									
CHECKED BY:	S. KIRBY									
APPROVED BY:	J. SCHUTT									
ISSUED FOR CONTRACT										
0	09/30/19									
No.	DATE	DSN	CHK	APP	REVISION					

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:



trusted design partners

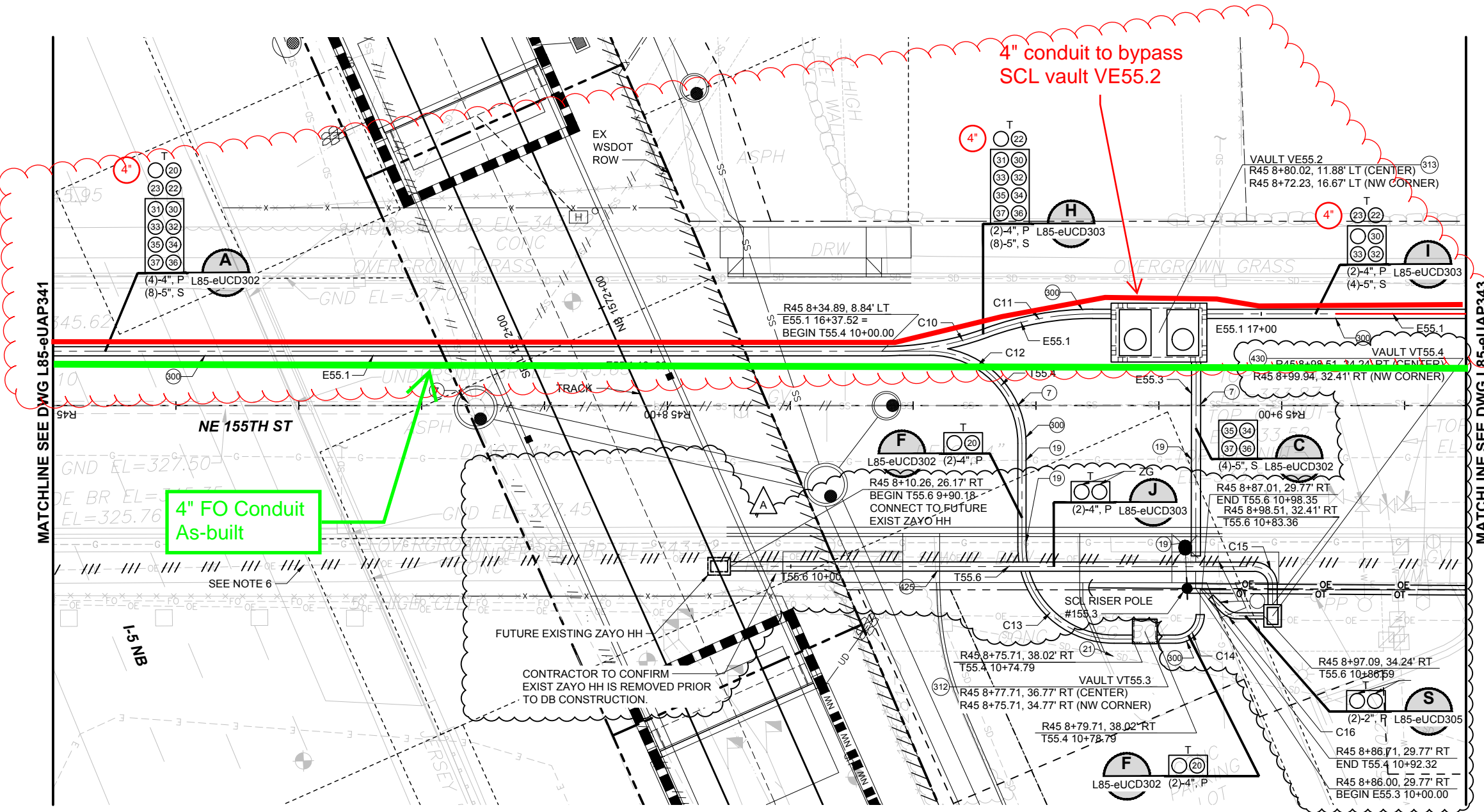


SCALE:
1" = 10'
FILENAME:
L200-L85-EUAP341
CONTRACT No.:
RTA / CN 0079-15C
DATE:
09/30/2019

LYNNWOOD LINK EXTENSION
CONTRACT L200
NORTHGATE STATION TO NE 200TH STREET
COMPOSITE UTILITY PLAN
DRY UTILITIES

DRAWING No.:
L85-eUAP341
LOCATION ID:
N16
SHEET No.:
467
REV:
0

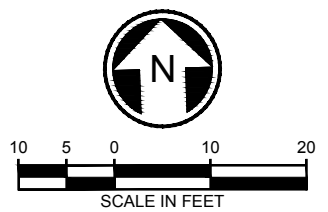
Xrefs:
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 xl200-L85-eRPP100
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 xlLE-SHLN-VCN
 xl200-L85-eCLP100
 GB-SEAL-MMM31003
 xlLE-SHLN-VRX
 xl200-L85-eUUV300
 xl200-GB-EW2x34
 xl200-L85-KWP100
 xl200-L85-SEP100
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 xl200-L85-eCDP100
 xl200-L85-eUCP300
 xl200-L85-eCAP101
 xl200-L85-eUCP100
 xl200-L85-eCAP100



- FOR UTILITY PROFILES SEE DRAWINGS L85-eUUV300 THROUGH L85-eUUV350.
- FOR TYPICAL UTILITY SECTIONS, SCL VAULT BUTTERFLIES AND POLE RISER DETAILS. SEE DRAWINGS L85-eUCD300 THROUGH L85-eUCD310.
- △ # DENOTES EXISTING UTILITY POLE. POLE NUMBER. SEE DRAWING L85-eUCD300 FOR INFORMATION.
- L200-XXX DENOTES POTHOLE. SEE DRAWING L85-eUCD106 FOR MORE INFORMATION.
- WHERE TRENCHING IS REQUIRED IN THE STREET ALL PAVEMENT RESTORATION WILL CONFORM TO CITY OF SHORELINE STD PLAN 802, FLEXIBLE PAVEMENT PATCHING. RESTORE ANY IMPACTED PAVEMENT MARKINGS IN KIND.
- SCL TO REMOVE OVERHEAD ELECTRIC ONCE UNDERGROUND CABLING IS COMPLETED.

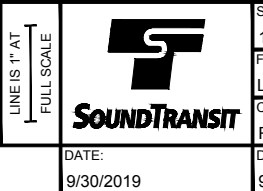
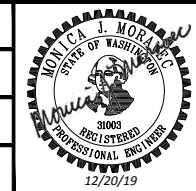
- KEY NOTES:**
- PIP EXIST SS.
 - PIP EXIST GAS, COORD W/ PSE.
 - PIP EXIST SD.
 - CONST UG ELECTRIC DUCT BANK IN ACCORDANCE W/ SCL CONSTRUCTION STD 0222.02.
 - FURNISH AND CONSTRUCT 444 ELECTRIC VAULT PER SCL MATERIAL STD 7203.26.
 - STD 7203.51 AND CONSTRUCTION STD U2-15.1.
 - CONST TELECOM DUCT BANK.
 - FURNISH AND CONST NEW BASIS MODEL FCA243642T-00006 MODEL HH OR APPROVED EQUAL.

CURVE NO.	ALIGNMENT NAME	PI STATION	ROAD ALIGNMENT	BEARING	DELTA	RADIUS	LENGTH	TANGENT	PC STATION	PT STATION
C10	E55.1	16+46.37	R45 8+43.75, 8.84' LT	S87° 58' 39.03"E	20° 04' 57"	50.00'	17.53'	8.85'	16+37.40	16+55.04
C11	E55.1	16+63.89	R45 8+60.38, 14.92' LT	N71° 56' 24.47"E	20° 04' 57"	50.00'	17.53'	8.85'	16+55.04	16+72.57
C12	T55.4	10+22.81	R45 8+57.71, 8.84' LT	S87° 58' 39.03"E	90° 00' 00"	15.00'	23.56'	15.00'	10+07.81	10+31.37
C13	T55.4	10+63.23	R45 8+57.71, 38.02' RT	S02° 01' 20.98"W	90° 00' 00"	15.00'	23.56'	15.00'	10+48.23	10+71.79
C14	T55.4	10+85.79	R45 8+86.71, 38.02' RT	S87° 58' 39.02"E	90° 00' 00"	4.00'	6.28'	4.00'	10+81.79	10+88.07
C15	T55.6	10+78.44	R45 8+66.99, 26.18' RT	S87° 56' 14.49"E	90° 00' 00"	3.00'	4.71'	3.00'	10+75.44	10+80.16
C16	T55.6	10+92.17	R45 8+74.31, 27.27' RT	N87° 56' 14.49"E	45° 00' 00"	3.00'	2.35'	1.50'	10+90.93	10+93.29



DESIGNED BY:			
DRAWN BY:	J. CURTIS		
CHECKED BY:	S. KIRBY		
APPROVED BY:	J. SCHUTT		
DATE:	10/07/19		
DATE:	09/30/19		
DSN	CHK	APP	REVISION
A			CNWD 010
0			ISSUED FOR CONTRACT

DESIGNED BY:
 DRAWN BY: J. CURTIS
 CHECKED BY: S. KIRBY
 APPROVED BY: J. SCHUTT



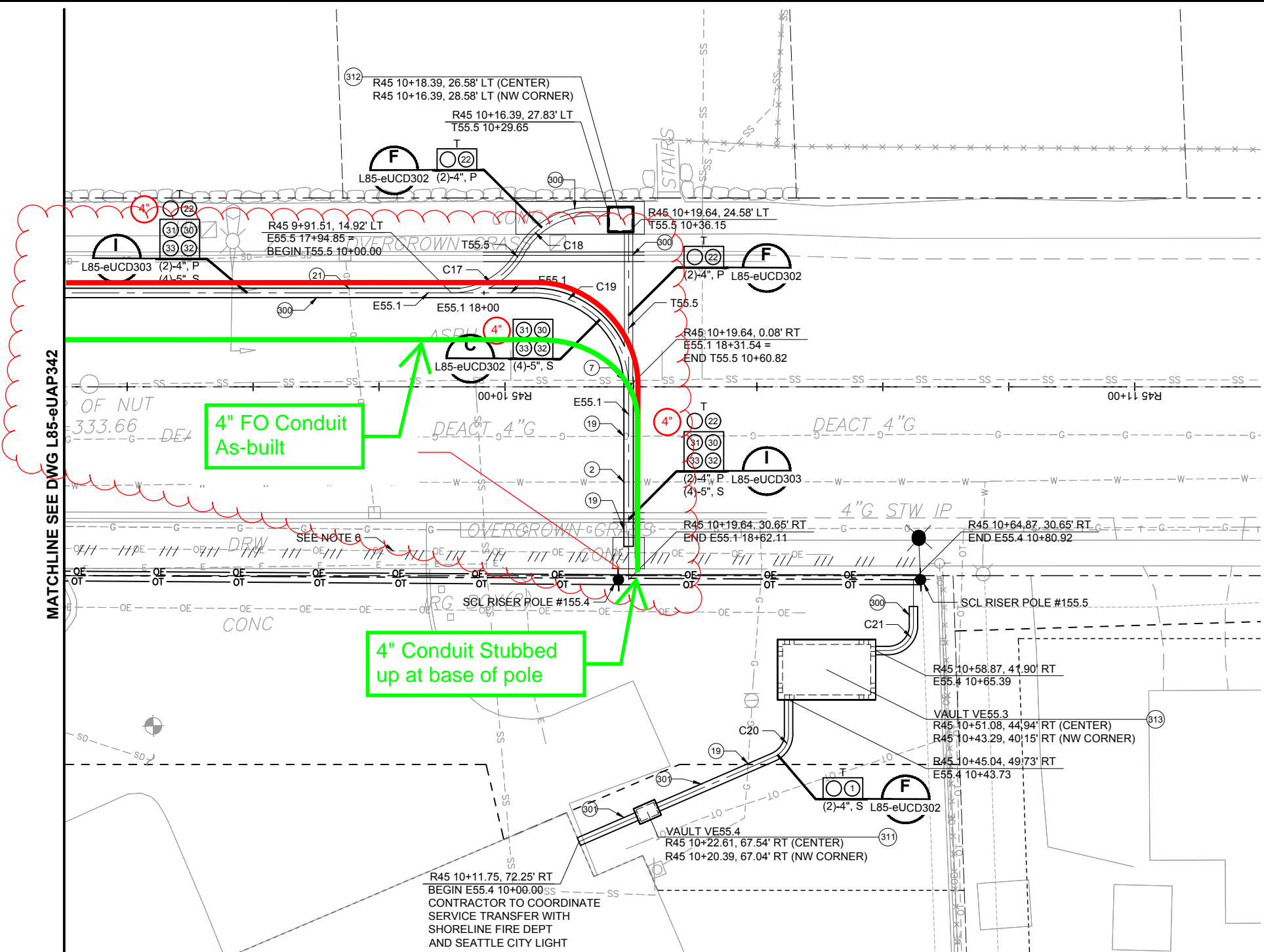
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 FILENAME:
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 CONTRACT No.:
 RTA / CN 0079-15C
 DATE:
 9/30/2019

**LYNNWOOD LINK EXTENSION
 CONTRACT L200**
 NORTHGATE STATION TO NE 200TH STREET
**COMPOSITE UTILITY PLAN
 DRY UTILITIES**

DRAWING No.:
L85-eUAP342
 LOCATION ID:
 N16
 SHEET No.:
 468
 REV:
 A

11/25/19 | 7:23 AM | JONG
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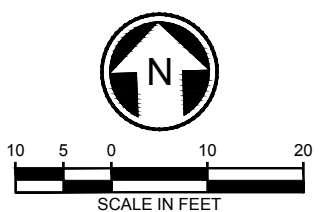
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 XL200-L85-eRPP100
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 XLLE-SHLN-VON
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 XLLE-SHLN-VRX
 XL200-L85-eUUV300
 XL200-GB-EW22-34
 XL200-L85-KWP100
 XL200-L85-SEP100
 XL200-L85-SWP100
 XL200-L85-JOP100
 XL200-L85-JEP100
 XL200-L85-CP100
 XL200-L85-CDP100
 XL115-L85-UCP100
 XL115-L85-UCP300
 XL200-L85-UCP100
 XL200-L85-UCP300
 XL200-L85-eCRP100
 XL200-L85-eCP100
 XL200-L85-eUCP100
 XL200-L85-eUCP300
 XL200-L85-eCAP101
 XL200-L85-eCAP100



- FOR UTILITY PROFILES SEE DRAWINGS L85-eUUV300 THROUGH L85-eUUV350.
- FOR TYPICAL UTILITY SECTIONS, SCL VAULT BUTTERFLIES AND POLE RISER DETAILS. SEE DRAWINGS L85-eUCD300 THROUGH L85-eUCD310.
- ▲ DENOTES EXISTING UTILITY POLE. POLE NUMBER. SEE DRAWING L85-eUCD300 FOR INFORMATION.
- (L200-XXX) DENOTES POTHOLE. SEE DRAWING L85-eUCD106 FOR MORE INFORMATION.
- WHERE TRENCHING IS REQUIRED IN THE STREET ALL PAVEMENT RESTORATION WILL CONFORM TO CITY OF SHORELINE STD PLAN 802, FLEXIBLE PAVEMENT PATCHING. RESTORE ANY IMPACTED PAVEMENT MARKINGS IN KIND.
- SCL TO REMOVE OVERHEAD ELECTRIC ONCE UNDERGROUND CABLING IS COMPLETED.

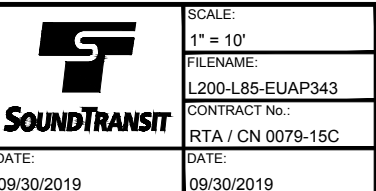
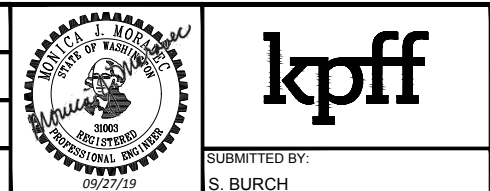
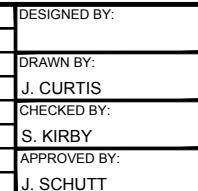
- KEY NOTES:**
- PIP EXIST WM.
 - PIP EXIST W SVC.
 - PIP EXIST SS.
 - PIP EXIST GAS, COORD W/ PSE.
 - PIP EXIST SD.
 - CONST UG ELECTRIC DUCT BANK IN ACCORDANCE W/ SCL CONSTRUCTION STD 0222.02.
 - CONST UG ELECTRIC DUCT BANK IN ACCORDANCE W/ SCL CONSTRUCTION STD 0224.07.
 - FURNISH AND CONSTRUCT 233 HANDHOLE PER SCL MATERIAL STD 7203.08.
 - FURNISH AND CONSTRUCT 444 ELECTRIC VAULT PER SCL MATERIAL STD 7203.26.
 - FURNISH AND CONSTRUCT 814 ELECTRIC VAULT PER SCL MATERIAL STD 7203.51 AND CONSTRUCTION STD U2-15.1.

CURVE NO.	ALIGNMENT NAME	PI STATION	ROAD ALIGNMENT	BEARING	DELTA	RADIUS	LENGTH	TANGENT	PC STATION	PT STATION
C17	T55.5	10+07.38	R45 9+98.88, 14.92' LT	S87° 58' 39.02"E	61° 05' 06"	12.50'	13.33'	7.38'	10+00.00	10+13.33
C18	T55.5	10+20.70	R45 10+06.02, 27.83' LT	N30° 56' 15.21"E	61° 05' 06"	12.50'	13.33'	7.38'	10+13.33	10+26.65
C19	E55.1	18+22.98	R45 10+19.64, 14.92' LT	S87° 58' 39.02"E	90° 00' 00"	15.00'	23.56'	15.00'	18+07.98	18+31.54
C20	E55.4	10+36.27	R45 10+45.04, 57.79' RT	N68° 32' 26.81"E	66° 31' 06"	4.00'	4.64'	2.62'	10+33.64	10+38.29
C21	E55.4	10+71.39	R45 10+64.87, 41.90' RT	S87° 58' 39.02"E	90° 00' 00"	4.00'	6.28'	4.00'	10+67.39	10+73.67



09/20/19 | 1:33 PM | JONG
 Z:\160001-160099\160216 (LYNNWOOD LINK)\CAD\DESIGN\DWG\DOWNLOADS\L200-L85-EUAP343.DWG

DESIGNED BY:	
DRAWN BY:	J. CURTIS
CHECKED BY:	S. KIRBY
APPROVED BY:	J. SCHUTT
DATE:	09/30/19
DESCRIPTION:	ISSUED FOR CONTRACT

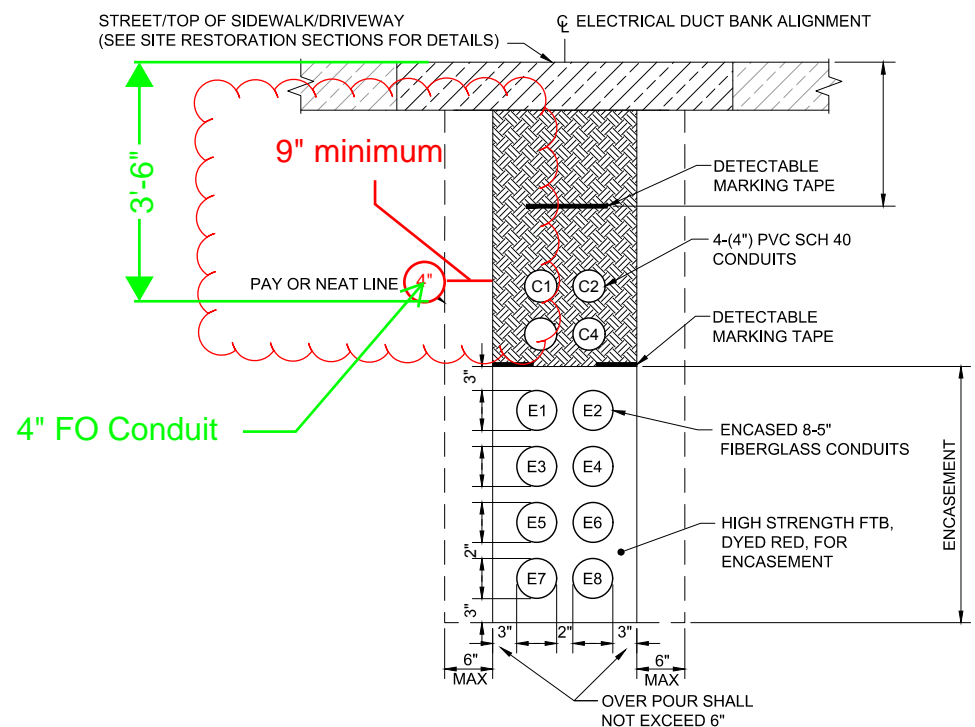


SCALE: 1" = 10'
 FILENAME: L200-L85-EUAP343
 CONTRACT No.: RTA / CN 0079-15C
 DATE: 09/30/2019

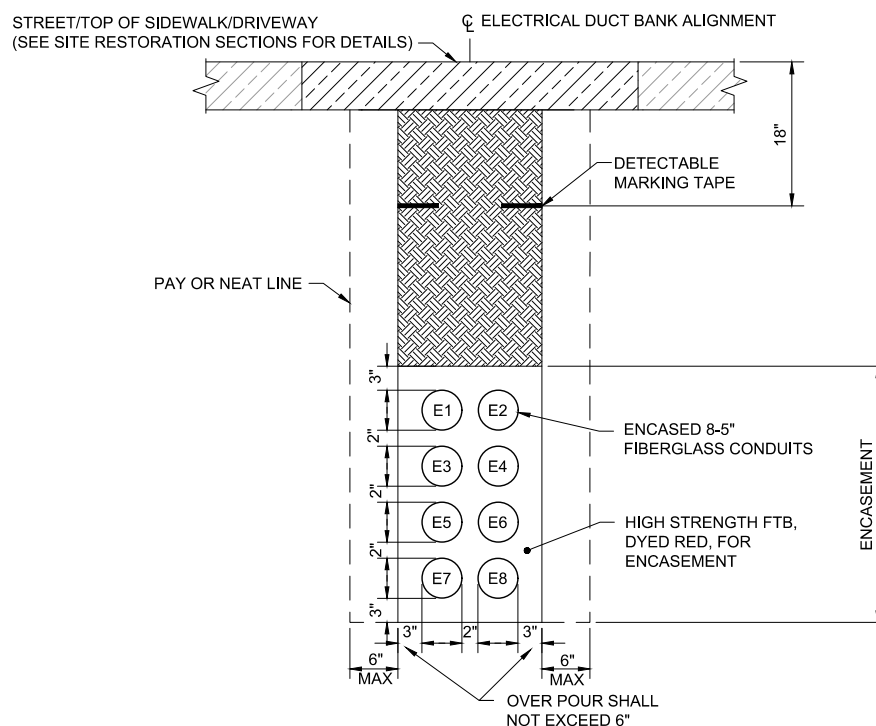
LYNNWOOD LINK EXTENSION CONTRACT L200
 NORTHGATE STATION TO NE 200TH STREET
 COMPOSITE UTILITY PLAN DRY UTILITIES

DRAWING No.:	L85-eUAP343
LOCATION ID:	N16
SHEET No.:	469
REV:	0

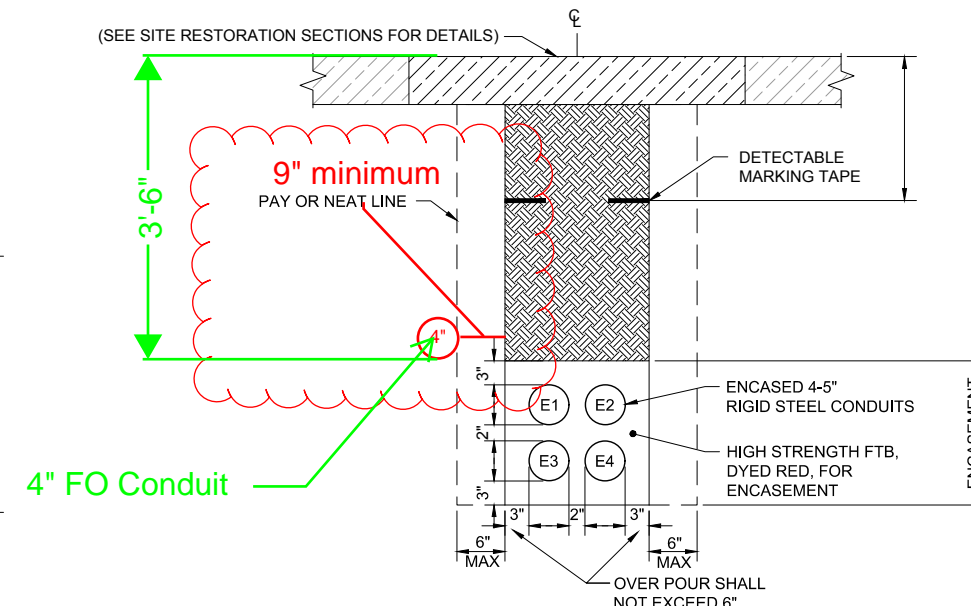
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xL200-GB-EW22x34
GB-UMP-ATTBLK



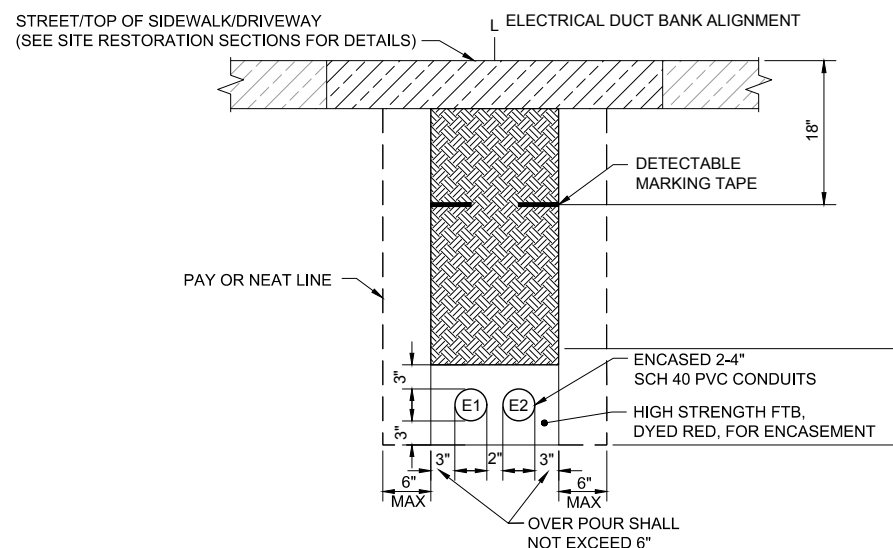
SCL TYPICAL DUCT BANK A
SCALE: NTS
L85-eUCD302
L85-eUAP342



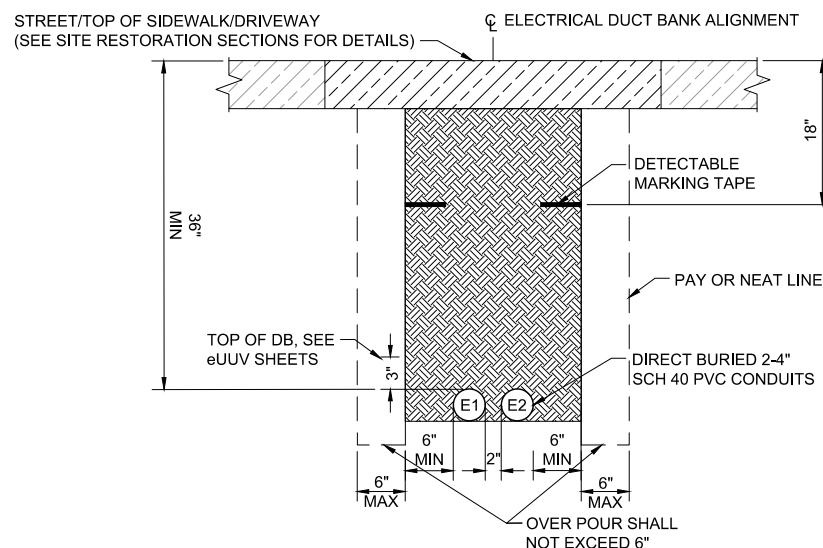
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SCALE: NTS
L85-eUCD302
L85-eUAP341



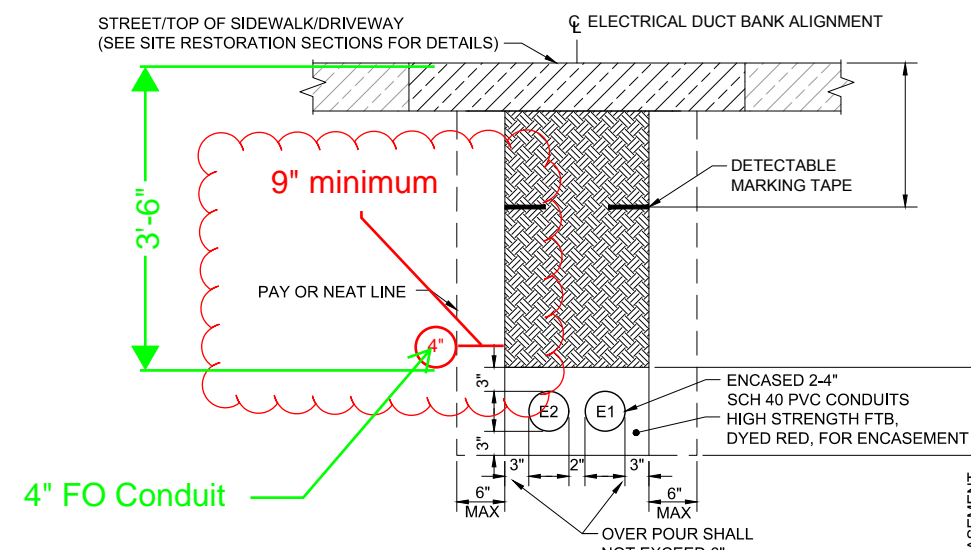
SCL TYPICAL DUCT BANK C
SCALE: NTS
L85-eUCD302
L85-eUAP331
L85-eUAP340



SCL TYPICAL DUCT BANK D
SCALE: NTS
L85-eUCD302
L85-eUAP320
L85-eUAP321



SCL TYPICAL DUCT BANK E
SCALE: NTS
L85-eUCD302
L85-eUAP335

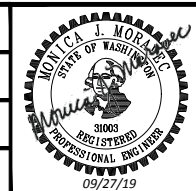


SCL TYPICAL DUCT BANK F
SCALE: NTS
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L85-eUAP301
L85-eUAP340
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L85-eUAP342

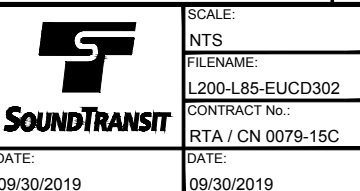
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No.	DATE	DSN	CHK	APP	REVISION
0	09/30/19				ISSUED FOR CONTRACT

DESIGNED BY:
J. FELLOWS
DRAWN BY:
J. CURTIS
CHECKED BY:
S. KIRBY
APPROVED BY:
J. SCHUTT



LINE IS 1" AT FULL SCALE



City of Seattle
Seattle Department of Transportation

INITIALS AND DATE REVIEWED: _____ 20____
REVISED AS-BUILT: _____ 20____

SDOT PROJECT ADDRESS
100 NE 103RD ST

380841
VAULT PLAN NO. 790-776
VAULT SERIAL NO. 37527

COS SHEET No.: _____

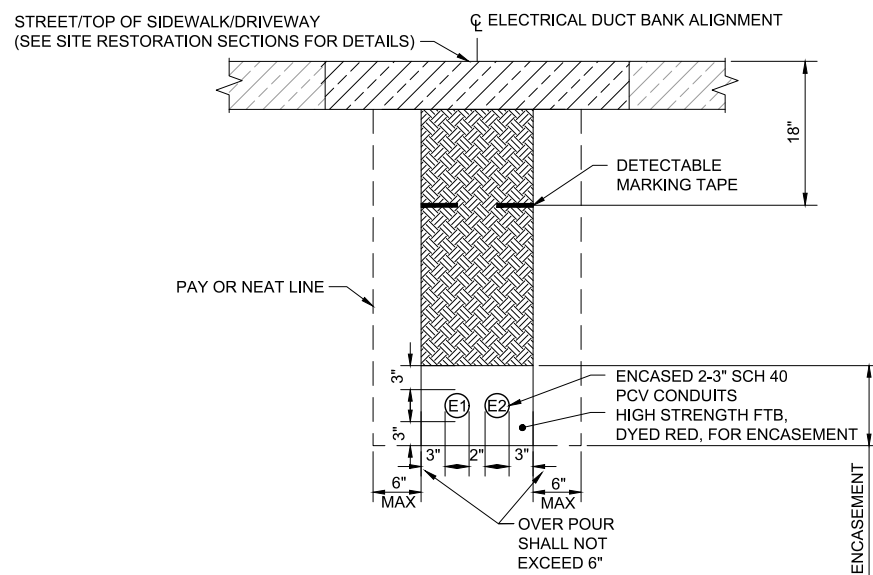
LYNNWOOD LINK EXTENSION CONTRACT L200
NORTHGATE STATION TO NE 200TH STREET

COMPOSITE UTILITY DETAILS
DRY UTILITIES
TYPICAL DUCT BANK SECTIONS

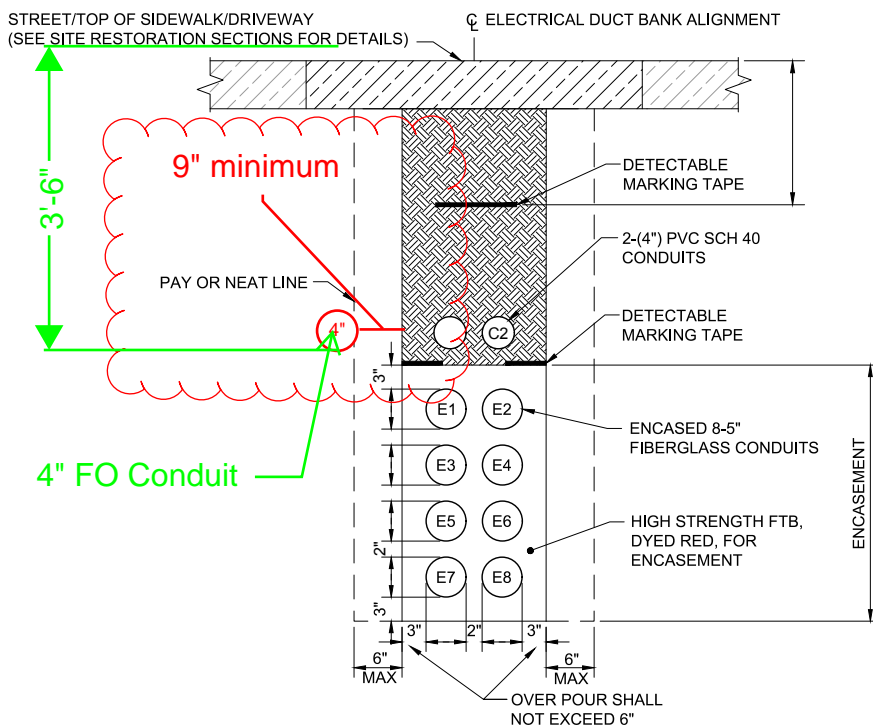
DRAWING No.: **L85-eUCD302**
LOCATION ID: _____
SHEET No.: 483 REV: 0

DATE: 09/30/2019	REVIEWED BY: F. CHIHAB
DATE: 09/30/2019	REVIEWED BY: F. CHIHAB

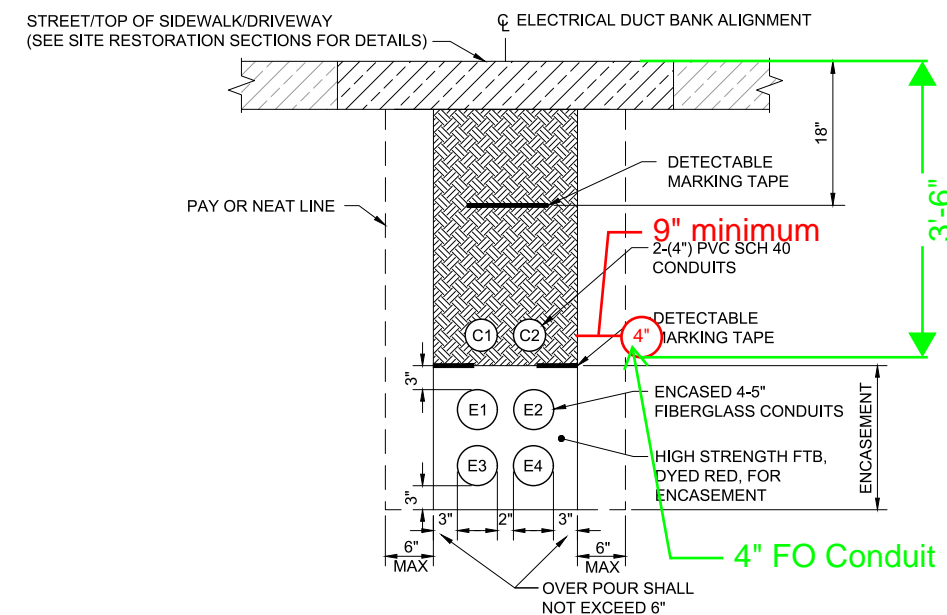
Xrefs:
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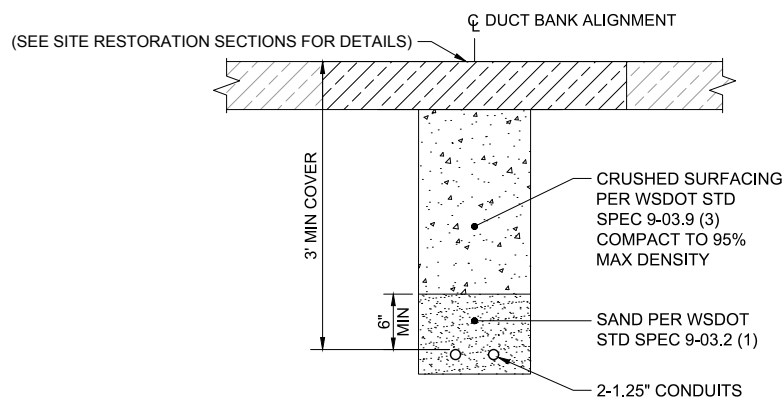
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SCALE: NTS
L85-eUCD303
L85-eUUV300
L85-eUAP335
L85-eUAP350



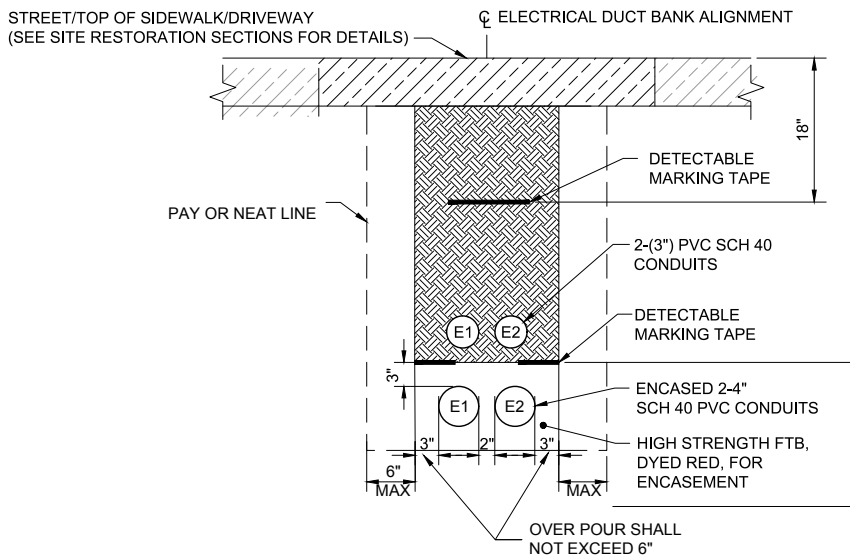
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SCALE: NTS
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L85-eUAP340
L85-eUAP341
L85-eUAP342



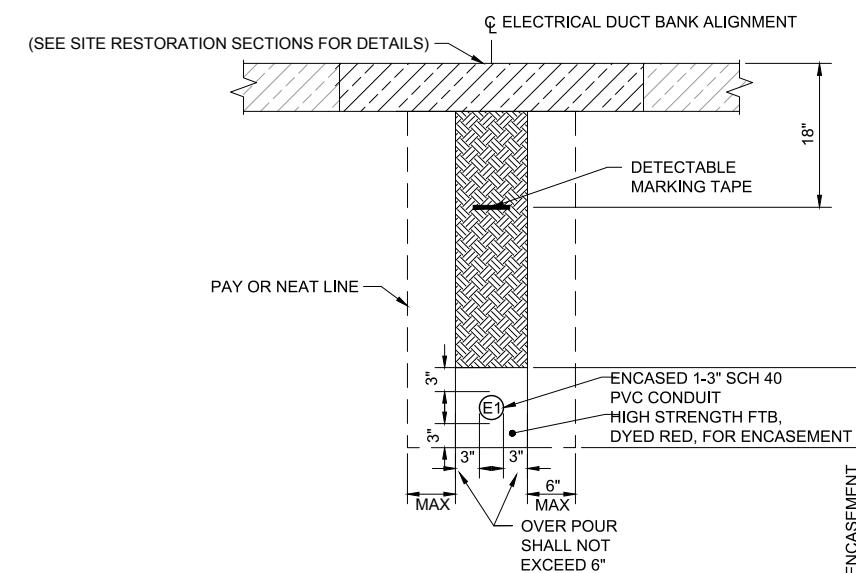
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SCALE: NTS
L85-eUCD303
L85-eUAP340
L85-eUAP342
L85-eUAP343



ZAYO TYPICAL DUCT BANK **J**
SCALE: NTS
L85-eUCD303
L85-eUAP342



SCL TYPICAL DUCT BANK **K**
SCALE: NTS
L85-eUCD303
L85-eUAP301



SCL TYPICAL DUCT BANK **L**
SCALE: NTS
L85-eUCD303
L85-eUAP301
L85-eUAP321

09/23/19 | 3:36 PM | JONG
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	REVIEWED BY SPU/WATER ENGINEERING: 20	IMPROVEMENT PERMITTING: 20	INITIALS AND DATE REVIEWED: 20	SDOT PROJECT ADDRESS: 100 NE 103RD ST	SDOT PROJECT NO.: 307808	SHEET No.:
	REVIEWED BY SPU/DRAINAGE: 20	REVISOR: 20	REVISED AS-BUILT: 20		Vault Plan No.: 790-776	
DESIGNED BY: J. FELLOWS					LYNNWOOD LINK EXTENSION CONTRACT L200 NORTHGATE STATION TO NE 200TH STREET COMPOSITE UTILITY DETAILS DRY UTILITIES TYPICAL DUCT BANK SECTIONS	DRAWING No.:
DRAWN BY: J. CURTIS						L85-eUCD303
CHECKED BY: S. KIRBY						LOCATION ID:
APPROVED BY: J. SCHUTT						SHEET No.:
0 09/30/19 ISSUED FOR CONTRACT						484
No. DATE DSN CHK APP REVISION						REV:
						0