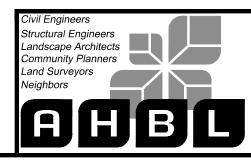


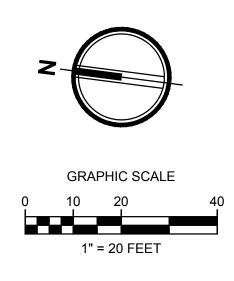


TRES WEST ENGINEERS, INC. 2702 SOUTH 42ND STREET, SUITE 301 TACOMA, WA 98409-7315 Phone: 253 472 3300 Phone: 253.472.3300 www.treswest.com



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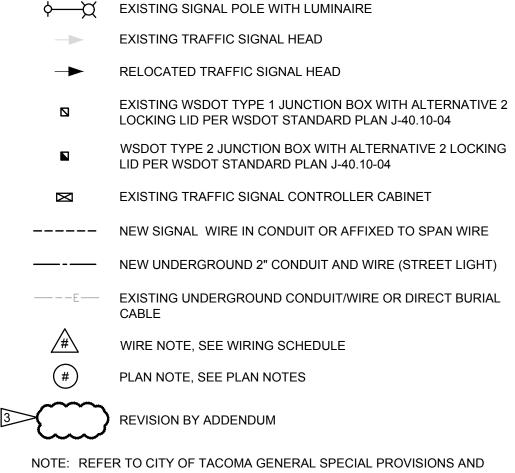
Addendum 3



GENERAL NOTES

- 1. CLOSE COORDINATION BETWEEN ALL UTILITIES AND STREET LIGHTS, PEDESTRIAN LIGHTS, CONCRETE BASES, JUNCTION BOXES, CONDUIT ROUTING, ETC. IS REQUIRED. OTHER BELOW GRADE UTILITIES, I.E. STORM LINES AND DRAINS, ARE LOCATED IN VICINITY .
- 2. EXISTING STREETLIGHT AND SIGNAL CONDUITS AND CABLES SHALL BE LOCATED AND DEPTH VERIFIED BY THE CONTRACTOR BEFORE SAWCUTTING, EXCAVATION, DEMOLITION OR GRADING OCCURS. LOWERING OF OR DAMAGE TO THE SYSTEM WILL REQUIRE NEW CONDUITS, CABLES AND POSSIBLY THE ADDITION OF JUNCTION BOXES. NOTE: SIGNAL CABLES CANNOT HAVE SPLICES AND MUST BE REPLACED IN ITS ENTIRETY.
- 3. CONTRACTOR TO VERIFY THE SIZE AND NUMBER OF CONDUITS IN THE STREET LIGHT/SIGNAL POLE FOUNDATION.

LEGEND



DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

		CONDUIT/WIRING	SCHEDULE
RUN NO.	CONDUIT	WIRE	СОММЕ
$\underline{\land}$	SEE COMMENTS	2#8	DIRECT BURIED HIGH V STREETLIGHT CABLE
2	2"	2#8 & 1#8 GROUND	
3	2"	2#8 & 1#8 GROUND	JUNCTION BOX TO RRF
	1"	2C & 1#8 GROUND	JUNCTION BOX TO SING
<u>/</u> 5	1"	4C & 1#8 GROUND	JUNCTION BOX TO SIGN TO SIGNAL CABINET VI
6	(3) 2"	(4) SETS OF 5C & 1#8 GROUND	JUNCTION BOX TO SIG
\triangle	1-1/4"	(4) SETS OF 5C	JUNCTION BOX TO SIG
8	2"	(4) SETS OF 5C	JUNCTION BOX TO SIG
ß	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO DOL
10	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO SIG
<u>/11</u>	2"		PULL CORD
12	SEE COMMENTS	2-5C	SIGNAL TRAFFIC HEAD EXISTING SPAN WIRE/C
13	SEE COMMENTS		EXISTING TRAFFIC SIGN CABLE
<u>/14</u>	2"	2-2C	PPB JUNCTION BOX TO SIGNAL CABINET

and the second second				FINAL CONSTRUCTION CHECKED	DATE 3/7/2024 DESIGNED	SCALE AS SHOWN CHECKED	COLBY SUF OF MASSING	DEF
		- /- /0 /		BY DATE	DPH drawn DPH	JCM FILE NAME 2160917.14		
Iacoma NO	CHANNELIZATION AND ELECTRICAL CHANGES R E V I S I O N	3/7/24 DATE	APPD	FIELD BOOKS			PORTS INTERVIEW	GINEERING DIVISION MANAGER
							3/7/24	<u></u>

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4, FOR ADDITIONAL INFORMATION AND REQUIREMENTS. (12) EXISTING JUNCTION BOX TO BE REMOVED AND REPLACED WITH NEW TO FACILITATE GRADE CHANGES. SEE CIVIL DEMO PLAN. SOLAR POWERED RRFB AND NEW CONCRETE FOUNDATION. \sim (14) EXISTING FLASHING BEACON EQUIPMENT TO BE DISCONNECTED AND REMOVED. CUT ANCHOR BOLTS AND CONDUITS FLUSH TO GRADE. FILL/SEAL OFF CONDUITS. 1ENTS (15) STREETLIGHT HIGH VOLTAGE DIRECT BURIED CABLE, DEPTH AND VOLTAGE LOCATION SHALL BE VERIFIED BY CONTRACTOR BEFORE EXCAVATION, TYPICAL. CABLE SHALL BE REMOVED IN AREAS WHERE NEW WORK IS PROVIDED. (16) EXISTING STREET LIGHT/SIGNAL CABINET. PROVIDE EQUIPMENT WITHIN FB CABINET FOR ADDED ACCESSIBLE PEDESTRIAN SIGNALS TO OPERATE. WORK WITH CITY CREWS FOR REQUIRED CONNECTIONS. TRAFFIC SIGNAL/STREETLIGHT SHOP (253) 591-5287. IGLE PPB (17) EXISTING SIGNAL INTERCONNECT CONDUIT AND CABLE. CONTRACTOR SNAL POLE THEN TO VERIFY DEPTH AND LOCATION. IF DAMAGED, POSSIBLE CABLE /IA EXISTING SPAN WIRE REPLACEMENT MAY BE BETWEEN MLK JR WAY AND YAKIMA AVE. (18) RELOCATE EXISTING TRAFFIC SIGNAL HEAD TO NEW LOCATION AS GNAL CABINET SHOWN TO ALIGN WITH ROADWAY REVISIONS. SEE CITY OF TACOMA STANDARD PLAN TS-14. PROVIDE NEW CABLE AND CONNECTIONS TO SIGNAL CABINET. SNAL POLE (19) RELOCATE EXISTING TRAFFIC SIGNAL HEAD TO NEW LOCATION AS GNAL POLE SHOWN TO ALIGN WITH ROADWAY REVISIONS. SEE CITY OF TACOMA STANDARD PLAN TS-14. PROVIDE ASTROBRAC'S MOUNTED TO EXISTING TENON. PROVIDE NEW CABLE AND CONNECTIONS TO SIGNAL CABINET. UBLE PPB (20) LOCATE AND INTERCEPT EXISTING CONDUITS AT SIGNAL POLE GNAL POLE FOUNDATION AND UTILIZE FOR WIRE/CABLE RUNS NOTED. (21) EXISTING STREET LIGHT. DISCONNECT AND REMOVE DIRECT BURY WIRING FROM STREET LIGHT TO NEW JUNCTION BOX AND PROVIDE NEW 3 D TO SIGNAL CABINET VIA CONDUIT AND WIRE AS SHOWN. COMPLETE CONNECTIONS AT STREET CONDUIT LIGHT FOR COMPLETE OPERATION. SNAL INTERCONNECT (22) EXISTING JUNCTION BOX TO REMAIN AND BE RE-USED FOR CONNECTION OF STREET LIGHT CONDUITS AND WIRING AS SHOWN. O PPB JUNCTION BOX TO 23 SOLAR POWERED RRFB. EXISTING CONCRETE FOUNDATION TO BE RE-USED. FINAL DESIGN PROJECT NO. CITY OF TACOMA PAR

<u>______</u>

CITY OF TACOMA TMENT OF PUBLIC WORKS	PKW-G0057
J STREET BICYCLE BOULEVARD PROJECT ELECTRICAL PLAN	AHBL JOB NO. 2160917.14 SHEET NO. EL-01
CROSSING BETWEEN S 3RD ST & S 4TH ST	_{знеет} 96 _{оғ} 137

PLAN NOTES

TS-08.

JUNCTION BOX.

TO NEW JUNCTION BOX.

(NOT ALL PLAN NOTES USED ON EVERY SHEET)

(1) PROVIDE WSDOT TYPE 2 JUNCTION BOX WITH LOCKING LID TO

INTERCEPT EXISTING STREET LIGHT DIRECT BURIED CABLE.

SHOP (253) 591-5287. LABEL JUNCTION BOX LID WITH SYSTEM

LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(3) RECTANGULAR RAPID FLASHING BEACON (RRFB) WITH PEDESTRIAN PUSH BUTTON AND NEW CONCRETE FOUNDATION. PROVIDE AND

(4) REMOVE EXISTING STREET LIGHTING JUNCTION BOX TO FACILITATE NEW CONSTRUCTION. SEE PLAN NOTE 1 FOR LOCATION OF NEW

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-11 FOR

(5) LOCATE EXISTING STREET LIGHT DIRECT BURIED WIRING AND RE-ROUTE

(2) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

(6) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

ADDITIONAL INFORMATION AND REQUIREMENTS.

4, FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

LETTERS "TS". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(7) POLE MOUNT SINGLE PEDESTRIAN PUSH BUTTON (PPB). PROVIDE AND

(8) PEDESTRIAN PUSH BUTTON (PPB) MOUNTED ON EXISTING SIGNAL POLE.

PROVIDE AND COMPLETE INTERNAL WIRING PER MANUFACTURERS

(9) REMOVE EXISTING STREET LIGHTING JUNCTION BOX TO FACILITATE

PLAN NOTES 1 AND 10 FOR LOCATION OF NEW JUNCTION BOXES.

(10) PROVIDE WSDOT TYPE 2 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

LETTERS "TS". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(11) POLE MOUNT DOUBLE PEDESTRIAN PUSH BUTTON (PPB). PROVIDE AND

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-13 FOR

NEW CONSTRUCTION, TYPICAL 3 THIS LOCATION. SEE SHEET EC-03.

NORTHERNMOST BOX APPEARS TO BE NO LONGER IN USE. MIDDLE BOX

IS STREET LIGHT WIRING. SOUTHERNMOST BOX IS SIGNAL WIRING. SEE

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-12, DETAIL

ADDITIONAL INFORMATION AND REQUIREMENTS.

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. WORK WITH CITY CREWS TO DE-ENERGIZE/INTERCEPT

DIRECT BURIED STREETLIGHT CABLES. TRAFFIC SIGNAL/STREETLIGHT

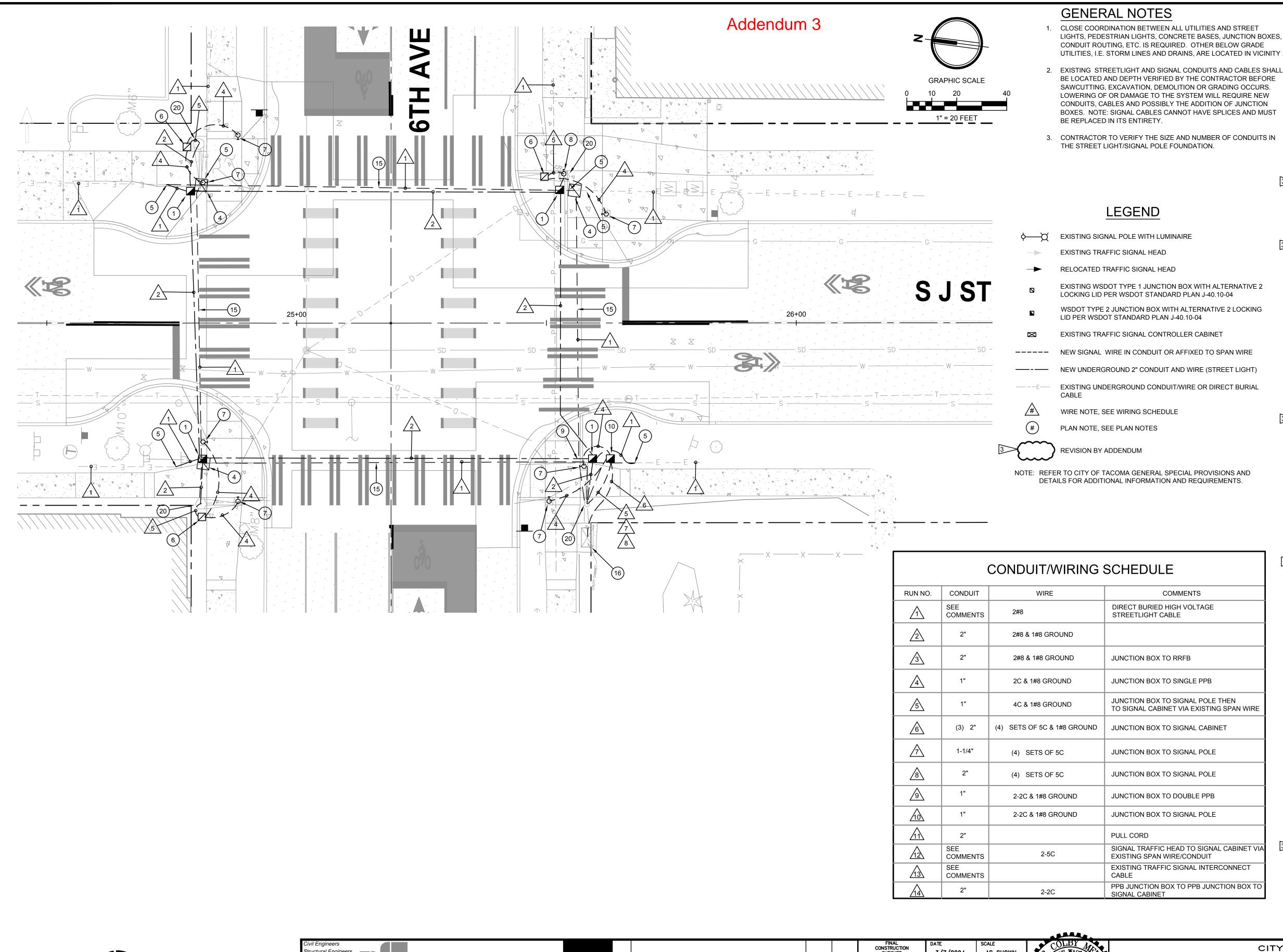
IDENTIFICATION LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF

JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-12, DETAIL





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	CHANNELIZATION AND ELECTRICAL CHANGES	3/7/24		FIELD			CI ST	ERUSE	
NO	REVISION	DATE	APPD	BOOKS			ESSIONA	ENGLE	Jack McLuiser
								3/7/24	

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4. FOR ADDITIONAL INFORMATION AND REQUIREMENTS. (12) EXISTING JUNCTION BOX TO BE REMOVED AND REPLACED WITH NEW TO FACILITATE GRADE CHANGES. SEE CIVIL DEMO PLAN. SOLAR POWERED RRFB AND NEW CONCRETE FOUNDATION. ×······ (14) EXISTING FLASHING BEACON EQUIPMENT TO BE DISCONNECTED AND REMOVED. CUT ANCHOR BOLTS AND CONDUITS FLUSH TO GRADE. FILL/SEAL OFF CONDUITS. COMMENTS (15) STREETLIGHT HIGH VOLTAGE DIRECT BURIED CABLE, DEPTH AND LOCATION SHALL BE VERIFIED BY CONTRACTOR BEFORE EXCAVATION, TYPICAL. CABLE SHALL BE REMOVED IN AREAS WHERE NEW WORK IS PROVIDED. (16) EXISTING STREET LIGHT/SIGNAL CABINET. PROVIDE EQUIPMENT WITHIN CABINET FOR ADDED ACCESSIBLE PEDESTRIAN SIGNALS TO OPERATE. WORK WITH CITY CREWS FOR REQUIRED CONNECTIONS. TRAFFIC SIGNAL/STREETLIGHT SHOP (253) 591-5287. (17) EXISTING SIGNAL INTERCONNECT CONDUIT AND CABLE. CONTRACTOR TO VERIFY DEPTH AND LOCATION. IF DAMAGED, POSSIBLE CABLE TO SIGNAL CABINET VIA EXISTING SPAN WIRE REPLACEMENT MAY BE BETWEEN MLK JR WAY AND YAKIMA AVE. (18) RELOCATE EXISTING TRAFFIC SIGNAL HEAD TO NEW LOCATION AS SHOWN TO ALIGN WITH ROADWAY REVISIONS. SEE CITY OF TACOMA STANDARD PLAN TS-14. PROVIDE NEW CABLE AND CONNECTIONS TO SIGNAL CABINET. (19) RELOCATE EXISTING TRAFFIC SIGNAL HEAD TO NEW LOCATION AS SHOWN TO ALIGN WITH ROADWAY REVISIONS. SEE CITY OF TACOMA STANDARD PLAN TS-14. PROVIDE ASTROBRAC'S MOUNTED TO EXISTING TENON. PROVIDE NEW CABLE AND CONNECTIONS TO SIGNAL CABINET. (20) LOCATE AND INTERCEPT EXISTING CONDUITS AT SIGNAL POLE FOUNDATION AND UTILIZE FOR WIRE/CABLE RUNS NOTED. <u>______</u> (21) EXISTING STREET LIGHT. DISCONNECT AND REMOVE DIRECT BURY WIRING FROM STREET LIGHT TO NEW JUNCTION BOX AND PROVIDE NEW 3 SIGNAL TRAFFIC HEAD TO SIGNAL CABINET VIA CONDUIT AND WIRE AS SHOWN. COMPLETE CONNECTIONS AT STREET LIGHT FOR COMPLETE OPERATION. EXISTING TRAFFIC SIGNAL INTERCONNECT (22) EXISTING JUNCTION BOX TO REMAIN AND BE RE-USED FOR CONNECTION OF STREET LIGHT CONDUITS AND WIRING AS SHOWN. PPB JUNCTION BOX TO PPB JUNCTION BOX TO 23 SOLAR POWERED RRFB. EXISTING CONCRETE FOUNDATION TO BE RE-USED. FINAL DESIGN ROJECT NO. CITY OF TACOMA PKW-G0057 PARTMENT OF PUBLIC WORKS HBL JOB NO. J STREET BICYCLE BOULEVARD PROJECT 2160917.14

ELECTRICAL PLAN

6TH AVENUE

SHEET NO. EL-02

HEFT 97 OF 137

PLAN NOTES

TS-08.

JUNCTION BOX.

TO NEW JUNCTION BOX.

(NOT ALL PLAN NOTES USED ON EVERY SHEET)

(1) PROVIDE WSDOT TYPE 2 JUNCTION BOX WITH LOCKING LID TO

INTERCEPT EXISTING STREET LIGHT DIRECT BURIED CABLE.

SHOP (253) 591-5287. LABEL JUNCTION BOX LID WITH SYSTEM

LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(3) RECTANGULAR RAPID FLASHING BEACON (RRFB) WITH PEDESTRIAN PUSH BUTTON AND NEW CONCRETE FOUNDATION. PROVIDE AND

(4) REMOVE EXISTING STREET LIGHTING JUNCTION BOX TO FACILITATE NEW CONSTRUCTION. SEE PLAN NOTE 1 FOR LOCATION OF NEW

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-11 FOR

5) LOCATE EXISTING STREET LIGHT DIRECT BURIED WIRING AND RE-ROUTE

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF

JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-12, DETAIL

(2) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

(6) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

ADDITIONAL INFORMATION AND REQUIREMENTS.

4, FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

LETTERS "TS". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(7) POLE MOUNT SINGLE PEDESTRIAN PUSH BUTTON (PPB). PROVIDE AND

(8) PEDESTRIAN PUSH BUTTON (PPB) MOUNTED ON EXISTING SIGNAL POLE. PROVIDE AND COMPLETE INTERNAL WIRING PER MANUFACTURERS

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-13 FOR

NEW CONSTRUCTION, TYPICAL 3 THIS LOCATION. SEE SHEET EC-03.

NORTHERNMOST BOX APPEARS TO BE NO LONGER IN USE. MIDDLE BOX

IS STREET LIGHT WIRING. SOUTHERNMOST BOX IS SIGNAL WIRING. SEE

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-12, DETAIL

(9) REMOVE EXISTING STREET LIGHTING JUNCTION BOX TO FACILITATE

PLAN NOTES 1 AND 10 FOR LOCATION OF NEW JUNCTION BOXES.

LETTERS "TS". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(11) POLE MOUNT DOUBLE PEDESTRIAN PUSH BUTTON (PPB). PROVIDE AND

(10) PROVIDE WSDOT TYPE 2 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

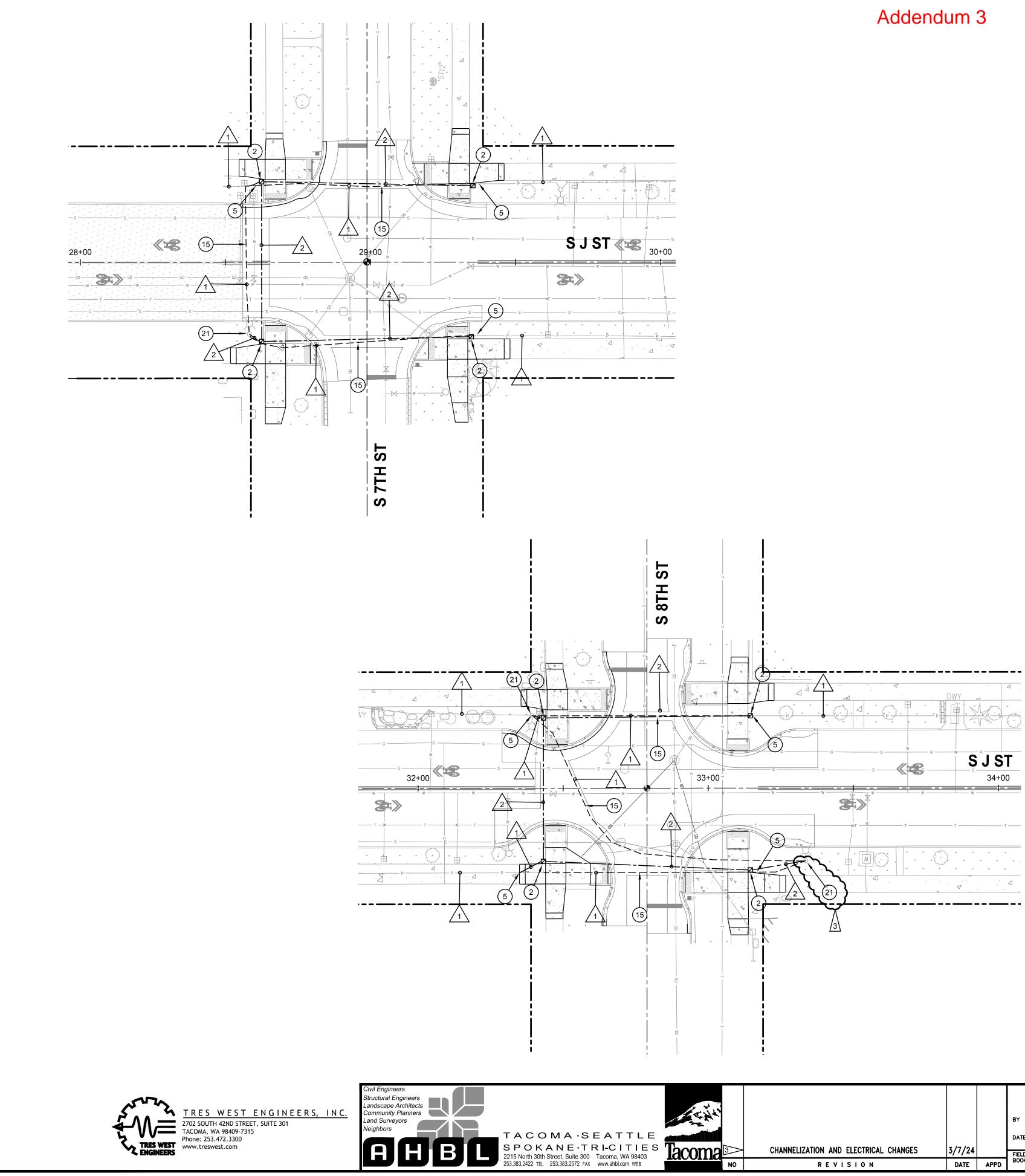
ADDITIONAL INFORMATION AND REQUIREMENTS.

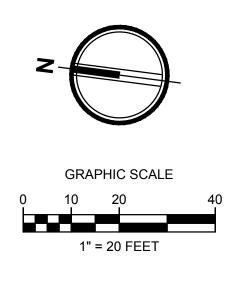
COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. WORK WITH CITY CREWS TO DE-ENERGIZE/INTERCEPT

DIRECT BURIED STREETLIGHT CABLES. TRAFFIC SIGNAL/STREETLIGHT

IDENTIFICATION LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION





GENERAL NOTES

- 1. CLOSE COORDINATION BETWEEN ALL UTILITIES AND STREET LIGHTS, PEDESTRIAN LIGHTS, CONCRETE BASES, JUNCTION BOXES, CONDUIT ROUTING, ETC. IS REQUIRED. OTHER BELOW GRADE UTILITIES, I.E. STORM LINES AND DRAINS, ARE LOCATED IN VICINITY .
- 2. EXISTING STREETLIGHT AND SIGNAL CONDUITS AND CABLES SHALL BE LOCATED AND DEPTH VERIFIED BY THE CONTRACTOR BEFORE SAWCUTTING, EXCAVATION, DEMOLITION OR GRADING OCCURS. LOWERING OF OR DAMAGE TO THE SYSTEM WILL REQUIRE NEW CONDUITS, CABLES AND POSSIBLY THE ADDITION OF JUNCTION BOXES. NOTE: SIGNAL CABLES CANNOT HAVE SPLICES AND MUST BE REPLACED IN ITS ENTIRETY.
- 3. CONTRACTOR TO VERIFY THE SIZE AND NUMBER OF CONDUITS IN THE STREET LIGHT/SIGNAL POLE FOUNDATION.

LEGEND

, →¤	EXISTING SIGNAL POLE WITH LUMINAIRE
->	EXISTING TRAFFIC SIGNAL HEAD
->	RELOCATED TRAFFIC SIGNAL HEAD
	EXISTING WSDOT TYPE 1 JUNCTION BOX WITH ALTERNATIVE 2 LOCKING LID PER WSDOT STANDARD PLAN J-40.10-04
	WSDOT TYPE 2 JUNCTION BOX WITH ALTERNATIVE 2 LOCKING LID PER WSDOT STANDARD PLAN J-40.10-04
×	EXISTING TRAFFIC SIGNAL CONTROLLER CABINET
	NEW SIGNAL WIRE IN CONDUIT OR AFFIXED TO SPAN WIRE
	NEW UNDERGROUND 2" CONDUIT AND WIRE (STREET LIGHT)
E	EXISTING UNDERGROUND CONDUIT/WIRE OR DIRECT BURIAL CABLE
_# \	WIRE NOTE, SEE WIRING SCHEDULE
#	PLAN NOTE, SEE PLAN NOTES
3>~~~~	REVISION BY ADDENDUM
NOTE: REF	FER TO CITY OF TACOMA GENERAL SPECIAL PROVISIONS AND

		CONDUIT/WIRING	SCHEDULE
RUN NO.	CONDUIT	WIRE	COMME
Δ	SEE COMMENTS	2#8	DIRECT BURIED HIGH V STREETLIGHT CABLE
2	2"	2#8 & 1#8 GROUND	
3	2"	2#8 & 1#8 GROUND	JUNCTION BOX TO RRF
4	1"	2C & 1#8 GROUND	JUNCTION BOX TO SING
5	1"	4C & 1#8 GROUND	JUNCTION BOX TO SIGN TO SIGNAL CABINET VI
6	(3) 2"	(4) SETS OF 5C & 1#8 GROUND	JUNCTION BOX TO SIGN
\triangle	1-1/4"	(4) SETS OF 5C	JUNCTION BOX TO SIGN
8	2"	(4) SETS OF 5C	JUNCTION BOX TO SIGN
<u>/9</u>	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO DOU
10	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO SIGN
<u>/11</u>	2"		PULL CORD
12	SEE COMMENTS	2-5C	SIGNAL TRAFFIC HEAD EXISTING SPAN WIRE/C
13	SEE COMMENTS		EXISTING TRAFFIC SIGN CABLE
14	2"	2-2C	PPB JUNCTION BOX TO SIGNAL CABINET

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NO	REVISION	DATE	APPD					SSI ONA	L ENG.	ELIGINEERING DIVISION MANAGER
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AIRE

BOX WITH ALTERNATIVE 2 D PLAN J-40.10-04

PECIAL PROVISIONS AND DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

> 4. FOR ADDITIONAL INFORMATION AND REQUIREMENTS. (12) EXISTING JUNCTION BOX TO BE REMOVED AND REPLACED WITH NEW TO FACILITATE GRADE CHANGES. SEE CIVIL DEMO PLAN. SOLAR POWERED RRFB AND NEW CONCRETE FOUNDATION. \sim (14) EXISTING FLASHING BEACON EQUIPMENT TO BE DISCONNECTED AND REMOVED. CUT ANCHOR BOLTS AND CONDUITS FLUSH TO GRADE. FILL/SEAL OFF CONDUITS. 1ENTS (15) STREETLIGHT HIGH VOLTAGE DIRECT BURIED CABLE, DEPTH AND VOLTAGE LOCATION SHALL BE VERIFIED BY CONTRACTOR BEFORE EXCAVATION, TYPICAL. CABLE SHALL BE REMOVED IN AREAS WHERE NEW WORK IS PROVIDED. (16) EXISTING STREET LIGHT/SIGNAL CABINET. PROVIDE EQUIPMENT WITHIN CABINET FOR ADDED ACCESSIBLE PEDESTRIAN SIGNALS TO OPERATE. FB WORK WITH CITY CREWS FOR REQUIRED CONNECTIONS. TRAFFIC SIGNAL/STREETLIGHT SHOP (253) 591-5287. IGLE PPB (17) EXISTING SIGNAL INTERCONNECT CONDUIT AND CABLE. CONTRACTOR TO VERIFY DEPTH AND LOCATION. IF DAMAGED, POSSIBLE CABLE SNAL POLE THEN IA EXISTING SPAN WIRE REPLACEMENT MAY BE BETWEEN MLK JR WAY AND YAKIMA AVE. (18) RELOCATE EXISTING TRAFFIC SIGNAL HEAD TO NEW LOCATION AS **SNAL CABINET** SHOWN TO ALIGN WITH ROADWAY REVISIONS. SEE CITY OF TACOMA STANDARD PLAN TS-14. PROVIDE NEW CABLE AND CONNECTIONS TO SIGNAL CABINET. SNAL POLE (19) RELOCATE EXISTING TRAFFIC SIGNAL HEAD TO NEW LOCATION AS **GNAL POLE** SHOWN TO ALIGN WITH ROADWAY REVISIONS. SEE CITY OF TACOMA STANDARD PLAN TS-14. PROVIDE ASTROBRAC'S MOUNTED TO EXISTING TENON. PROVIDE NEW CABLE AND CONNECTIONS TO SIGNAL CABINET. UBLE PPB (20) LOCATE AND INTERCEPT EXISTING CONDUITS AT SIGNAL POLE **GNAL POLE** FOUNDATION AND UTILIZE FOR WIRE/CABLE RUNS NOTED. (21) EXISTING STREET LIGHT. DISCONNECT AND REMOVE DIRECT BURY WIRING FROM STREET LIGHT TO NEW JUNCTION BOX AND PROVIDE NEW 3 TO SIGNAL CABINET VI CONDUIT AND WIRE AS SHOWN. COMPLETE CONNECTIONS AT STREET CONDUIT LIGHT FOR COMPLETE OPERATION. SNAL INTERCONNECT (22) EXISTING JUNCTION BOX TO REMAIN AND BE RE-USED FOR CONNECTION OF STREET LIGHT CONDUITS AND WIRING AS SHOWN. D PPB JUNCTION BOX TO 23 SOLAR POWERED RRFB. EXISTING CONCRETE FOUNDATION TO BE RE-USED. FINAL DESIGN PROJECT NO. CITY OF TACOMA PKW-G0057 PARTMENT OF PUBLIC WORKS HBL JOB NO. J STREET BICYCLE BOULEVARD PROJECT 2160917.14

ELECTRICAL PLAN

7TH ST & 8TH ST

SHEET NO. EL-03

HEET 98 OF 137

PLAN NOTES

TS-08.

JUNCTION BOX.

TO NEW JUNCTION BOX.

(NOT ALL PLAN NOTES USED ON EVERY SHEET)

(1) PROVIDE WSDOT TYPE 2 JUNCTION BOX WITH LOCKING LID TO

INTERCEPT EXISTING STREET LIGHT DIRECT BURIED CABLE.

SHOP (253) 591-5287. LABEL JUNCTION BOX LID WITH SYSTEM

LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(3) RECTANGULAR RAPID FLASHING BEACON (RRFB) WITH PEDESTRIAN PUSH BUTTON AND NEW CONCRETE FOUNDATION. PROVIDE AND

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-11 FOR

5) LOCATE EXISTING STREET LIGHT DIRECT BURIED WIRING AND RE-ROUTE

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF

JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-12, DETAIL

(4) REMOVE EXISTING STREET LIGHTING JUNCTION BOX TO FACILITATE NEW CONSTRUCTION. SEE PLAN NOTE 1 FOR LOCATION OF NEW

(2) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

(6) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

ADDITIONAL INFORMATION AND REQUIREMENTS.

4, FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

LETTERS "TS". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(7) POLE MOUNT SINGLE PEDESTRIAN PUSH BUTTON (PPB). PROVIDE AND

(8) PEDESTRIAN PUSH BUTTON (PPB) MOUNTED ON EXISTING SIGNAL POLE. PROVIDE AND COMPLETE INTERNAL WIRING PER MANUFACTURERS

(9) REMOVE EXISTING STREET LIGHTING JUNCTION BOX TO FACILITATE

PLAN NOTES 1 AND 10 FOR LOCATION OF NEW JUNCTION BOXES.

LETTERS "TS". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(11) POLE MOUNT DOUBLE PEDESTRIAN PUSH BUTTON (PPB). PROVIDE AND

(10) PROVIDE WSDOT TYPE 2 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

NEW CONSTRUCTION, TYPICAL 3 THIS LOCATION. SEE SHEET EC-03.

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-13 FOR

NORTHERNMOST BOX APPEARS TO BE NO LONGER IN USE. MIDDLE BOX

IS STREET LIGHT WIRING. SOUTHERNMOST BOX IS SIGNAL WIRING. SEE

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-12, DETAIL

ADDITIONAL INFORMATION AND REQUIREMENTS.

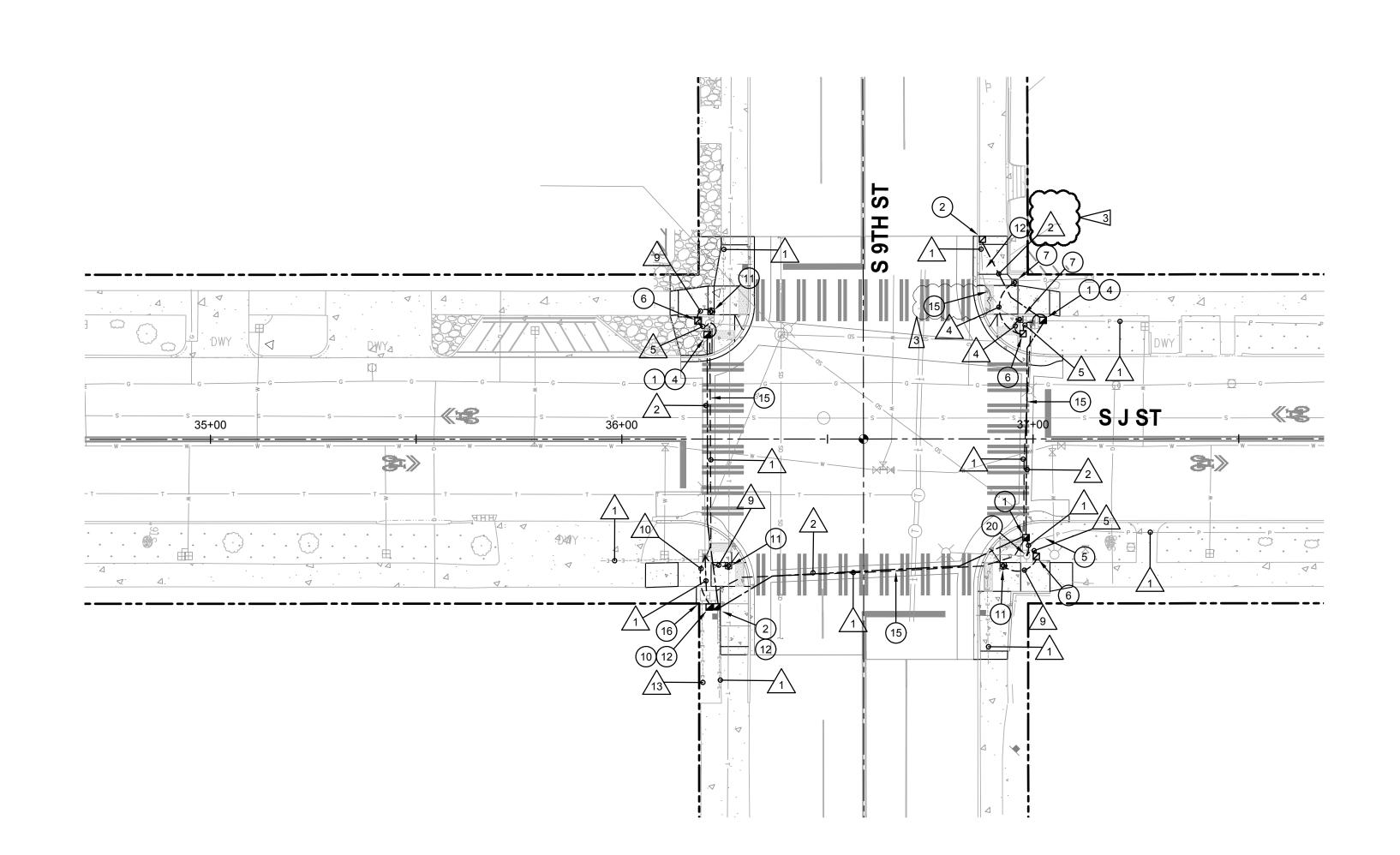
COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. WORK WITH CITY CREWS TO DE-ENERGIZE/INTERCEPT

DIRECT BURIED STREETLIGHT CABLES. TRAFFIC SIGNAL/STREETLIGHT

IDENTIFICATION LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN

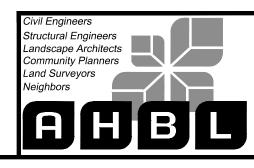
COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF

JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION



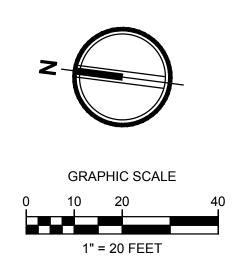


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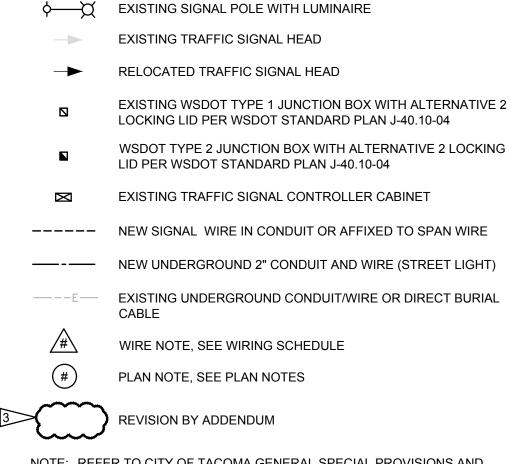
Addendum 3



GENERAL NOTES

- 1. CLOSE COORDINATION BETWEEN ALL UTILITIES AND STREET LIGHTS, PEDESTRIAN LIGHTS, CONCRETE BASES, JUNCTION BOXES, CONDUIT ROUTING, ETC. IS REQUIRED. OTHER BELOW GRADE UTILITIES, I.E. STORM LINES AND DRAINS, ARE LOCATED IN VICINITY .
- 2. EXISTING STREETLIGHT AND SIGNAL CONDUITS AND CABLES SHALL BE LOCATED AND DEPTH VERIFIED BY THE CONTRACTOR BEFORE SAWCUTTING, EXCAVATION, DEMOLITION OR GRADING OCCURS. LOWERING OF OR DAMAGE TO THE SYSTEM WILL REQUIRE NEW CONDUITS, CABLES AND POSSIBLY THE ADDITION OF JUNCTION BOXES. NOTE: SIGNAL CABLES CANNOT HAVE SPLICES AND MUST BE REPLACED IN ITS ENTIRETY.
- 3. CONTRACTOR TO VERIFY THE SIZE AND NUMBER OF CONDUITS IN THE STREET LIGHT/SIGNAL POLE FOUNDATION.

LEGEND



NOTE: REFER TO CITY OF TACOMA GENERAL SPECIAL PROVISIONS AND DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

RUN NO.	CONDUIT	WIRE	СОММЕ
$\underline{\land}$	SEE COMMENTS	2#8	DIRECT BURIED HIGH V STREETLIGHT CABLE
2	2"	2#8 & 1#8 GROUND	
3	2"	2#8 & 1#8 GROUND	JUNCTION BOX TO RRF
4	1"	2C & 1#8 GROUND	JUNCTION BOX TO SING
5	1"	4C & 1#8 GROUND	JUNCTION BOX TO SIGN TO SIGNAL CABINET VI
6	(3) 2"	(4) SETS OF 5C & 1#8 GROUND	JUNCTION BOX TO SIG
\wedge	1-1/4"	(4) SETS OF 5C	JUNCTION BOX TO SIG
8	2"	(4) SETS OF 5C	JUNCTION BOX TO SIG
<u>/9</u>	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO DOL
10	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO SIG
<u>/11</u>	2"		PULL CORD
12	SEE COMMENTS	2-5C	SIGNAL TRAFFIC HEAD EXISTING SPAN WIRE/C
13	SEE COMMENTS		EXISTING TRAFFIC SIGN CABLE
14	2"	2-2C	PPB JUNCTION BOX TO SIGNAL CABINET

				FINAL CONSTRUCTION CHECKED	date 3/7/2024	scale AS SHOWN		COLBY ME	
				DY.	DESIGNED	CHECKED	10/2		DEF
				BY	DPH	JCM		\mathcal{M}	
				DATE	DRAWN	FILE NAME			
Toomo	CHANNELIZATION AND ELECTRICAL CHANGES	3/7/24			DPH	2160917.14	\mathbf{R} -3 \mathbf{k}	Pp 52226 5	DocuSigned by:
				FIELD BOOKS			Sol €	CISTER N	Jack Mehruser
NO	REVISION	DATE	APPD					STONAL ENG	ENGINEERING DIVISION MANAGER
								3/	/7/24

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4, FOR ADDITIONAL INFORMATION AND REQUIREMENTS. (12) EXISTING JUNCTION BOX TO BE REMOVED AND REPLACED WITH NEW TO FACILITATE GRADE CHANGES. SEE CIVIL DEMO PLAN. SOLAR POWERED RRFB AND NEW CONCRETE FOUNDATION. \sim (14) EXISTING FLASHING BEACON EQUIPMENT TO BE DISCONNECTED AND REMOVED. CUT ANCHOR BOLTS AND CONDUITS FLUSH TO GRADE. FILL/SEAL OFF CONDUITS. 1ENTS (15) STREETLIGHT HIGH VOLTAGE DIRECT BURIED CABLE, DEPTH AND VOLTAGE LOCATION SHALL BE VERIFIED BY CONTRACTOR BEFORE EXCAVATION, TYPICAL. CABLE SHALL BE REMOVED IN AREAS WHERE NEW WORK IS PROVIDED. (16) EXISTING STREET LIGHT/SIGNAL CABINET. PROVIDE EQUIPMENT WITHIN FB CABINET FOR ADDED ACCESSIBLE PEDESTRIAN SIGNALS TO OPERATE. WORK WITH CITY CREWS FOR REQUIRED CONNECTIONS. TRAFFIC SIGNAL/STREETLIGHT SHOP (253) 591-5287. IGLE PPB (17) EXISTING SIGNAL INTERCONNECT CONDUIT AND CABLE. CONTRACTOR TO VERIFY DEPTH AND LOCATION. IF DAMAGED, POSSIBLE CABLE **GNAL POLE THEN** /IA EXISTING SPAN WIRE REPLACEMENT MAY BE BETWEEN MLK JR WAY AND YAKIMA AVE. (18) RELOCATE EXISTING TRAFFIC SIGNAL HEAD TO NEW LOCATION AS GNAL CABINET SHOWN TO ALIGN WITH ROADWAY REVISIONS. SEE CITY OF TACOMA STANDARD PLAN TS-14. PROVIDE NEW CABLE AND CONNECTIONS TO SIGNAL CABINET. SNAL POLE (19) RELOCATE EXISTING TRAFFIC SIGNAL HEAD TO NEW LOCATION AS **GNAL POLE** SHOWN TO ALIGN WITH ROADWAY REVISIONS. SEE CITY OF TACOMA STANDARD PLAN TS-14. PROVIDE ASTROBRAC'S MOUNTED TO EXISTING TENON. PROVIDE NEW CABLE AND CONNECTIONS TO SIGNAL CABINET. UBLE PPB (20) LOCATE AND INTERCEPT EXISTING CONDUITS AT SIGNAL POLE GNAL POLE FOUNDATION AND UTILIZE FOR WIRE/CABLE RUNS NOTED. <u>______</u> (21) EXISTING STREET LIGHT. DISCONNECT AND REMOVE DIRECT BURY WIRING FROM STREET LIGHT TO NEW JUNCTION BOX AND PROVIDE NEW 3 D TO SIGNAL CABINET VIA CONDUIT AND WIRE AS SHOWN. COMPLETE CONNECTIONS AT STREET CONDUIT LIGHT FOR COMPLETE OPERATION. SNAL INTERCONNECT (22) EXISTING JUNCTION BOX TO REMAIN AND BE RE-USED FOR CONNECTION OF STREET LIGHT CONDUITS AND WIRING AS SHOWN. O PPB JUNCTION BOX TO 23 SOLAR POWERED RRFB. EXISTING CONCRETE FOUNDATION TO BE RE-USED. FINAL DESIGN PROJECT NO. CITY OF TACOMA PKW-G0057 PARTMENT OF PUBLIC WORKS HBL JOB NO. J STREET BICYCLE BOULEVARD PROJECT 2160917.14

ELECTRICAL PLAN

S 9TH ST

SHEET NO. EL-04

_{неет} 99 _{оғ} 137

PLAN NOTES

TS-08.

JUNCTION BOX.

TO NEW JUNCTION BOX.

(NOT ALL PLAN NOTES USED ON EVERY SHEET)

(1) PROVIDE WSDOT TYPE 2 JUNCTION BOX WITH LOCKING LID TO

INTERCEPT EXISTING STREET LIGHT DIRECT BURIED CABLE.

SHOP (253) 591-5287. LABEL JUNCTION BOX LID WITH SYSTEM

LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(3) RECTANGULAR RAPID FLASHING BEACON (RRFB) WITH PEDESTRIAN PUSH BUTTON AND NEW CONCRETE FOUNDATION. PROVIDE AND

(4) REMOVE EXISTING STREET LIGHTING JUNCTION BOX TO FACILITATE NEW CONSTRUCTION. SEE PLAN NOTE 1 FOR LOCATION OF NEW

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-11 FOR

(5) LOCATE EXISTING STREET LIGHT DIRECT BURIED WIRING AND RE-ROUTE

(2) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

(6) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

ADDITIONAL INFORMATION AND REQUIREMENTS.

4, FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

LETTERS "TS". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(7) POLE MOUNT SINGLE PEDESTRIAN PUSH BUTTON (PPB). PROVIDE AND

(8) PEDESTRIAN PUSH BUTTON (PPB) MOUNTED ON EXISTING SIGNAL POLE. PROVIDE AND COMPLETE INTERNAL WIRING PER MANUFACTURERS

(9) REMOVE EXISTING STREET LIGHTING JUNCTION BOX TO FACILITATE

PLAN NOTES 1 AND 10 FOR LOCATION OF NEW JUNCTION BOXES.

LETTERS "TS". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(10) PROVIDE WSDOT TYPE 2 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

NEW CONSTRUCTION, TYPICAL 3 THIS LOCATION. SEE SHEET EC-03.

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-13 FOR

NORTHERNMOST BOX APPEARS TO BE NO LONGER IN USE. MIDDLE BOX

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JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-12, DETAIL

(11) POLE MOUNT DOUBLE PEDESTRIAN PUSH BUTTON (PPB). PROVIDE AND

ADDITIONAL INFORMATION AND REQUIREMENTS.

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. WORK WITH CITY CREWS TO DE-ENERGIZE/INTERCEPT

DIRECT BURIED STREETLIGHT CABLES. TRAFFIC SIGNAL/STREETLIGHT

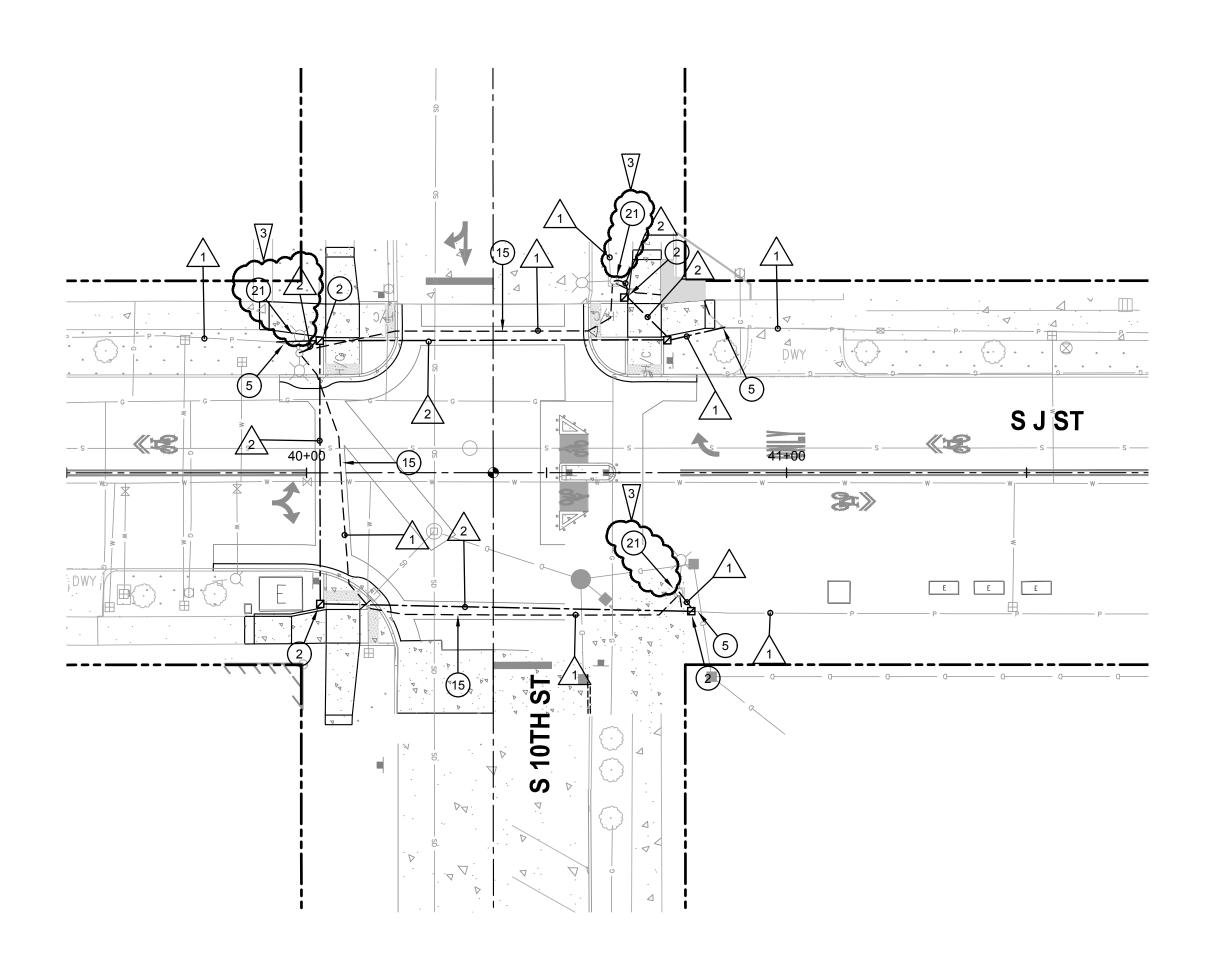
IDENTIFICATION LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF

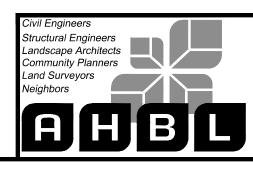
JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-12, DETAIL



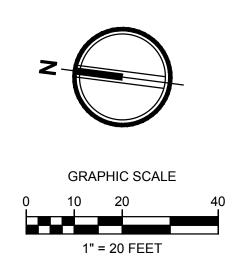


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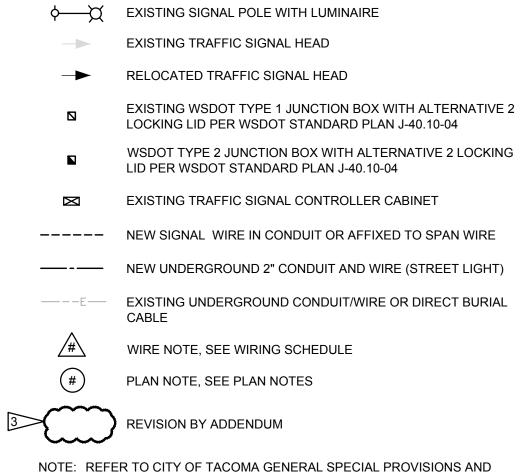
Addendum 3



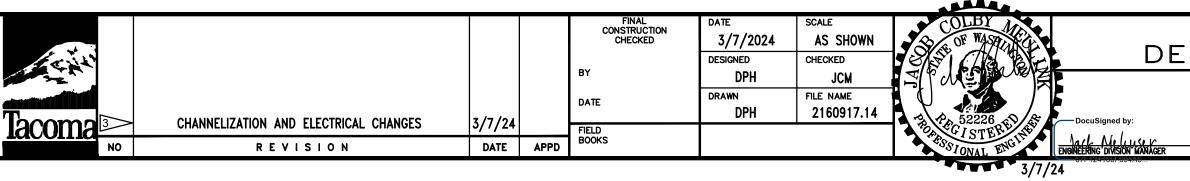
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- 3. CONTRACTOR TO VERIFY THE SIZE AND NUMBER OF CONDUITS IN THE STREET LIGHT/SIGNAL POLE FOUNDATION.

LEGEND



CONDUIT/WIRING SCHEDULE								
RUN NO.	CONDUIT	WIRE	СОММ					
Λ	SEE COMMENTS	2#8	DIRECT BURIED HIGH STREETLIGHT CABLE					
	2"	2#8 & 1#8 GROUND						
3	2"	2#8 & 1#8 GROUND	JUNCTION BOX TO RRI					
4	1"	2C & 1#8 GROUND	JUNCTION BOX TO SIN					
<u>\</u> 5	1"	4C & 1#8 GROUND	JUNCTION BOX TO SIG TO SIGNAL CABINET V					
Â	(3) 2"	(4) SETS OF 5C & 1#8 GROUND	JUNCTION BOX TO SIG					
\land	1-1/4"	(4) SETS OF 5C	JUNCTION BOX TO SIG					
8	2"	(4) SETS OF 5C	JUNCTION BOX TO SIG					
Â	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO DO					
10	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO SIG					
<u>_11</u>	2"		PULL CORD					
12	SEE COMMENTS	2-5C	SIGNAL TRAFFIC HEAD EXISTING SPAN WIRE/					
13	SEE COMMENTS		EXISTING TRAFFIC SIG CABLE					
<u>/14</u>	2"	2-2C	PPB JUNCTION BOX TO SIGNAL CABINET					



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DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

4, FOR ADDITIONAL INFORMATION AND REQUIREMENTS. (12) EXISTING JUNCTION BOX TO BE REMOVED AND REPLACED WITH NEW TO FACILITATE GRADE CHANGES. SEE CIVIL DEMO PLAN. SOLAR POWERED RRFB AND NEW CONCRETE FOUNDATION. \sim (14) EXISTING FLASHING BEACON EQUIPMENT TO BE DISCONNECTED AND REMOVED. CUT ANCHOR BOLTS AND CONDUITS FLUSH TO GRADE. FILL/SEAL OFF CONDUITS. MENTS (15) STREETLIGHT HIGH VOLTAGE DIRECT BURIED CABLE, DEPTH AND VOLTAGE LOCATION SHALL BE VERIFIED BY CONTRACTOR BEFORE EXCAVATION, TYPICAL. CABLE SHALL BE REMOVED IN AREAS WHERE NEW WORK IS PROVIDED. (16) EXISTING STREET LIGHT/SIGNAL CABINET. PROVIDE EQUIPMENT WITHIN RFB CABINET FOR ADDED ACCESSIBLE PEDESTRIAN SIGNALS TO OPERATE. WORK WITH CITY CREWS FOR REQUIRED CONNECTIONS. TRAFFIC SIGNAL/STREETLIGHT SHOP (253) 591-5287. INGLE PPB (17) EXISTING SIGNAL INTERCONNECT CONDUIT AND CABLE. CONTRACTOR GNAL POLE THEN TO VERIFY DEPTH AND LOCATION. IF DAMAGED, POSSIBLE CABLE VIA EXISTING SPAN WIRE REPLACEMENT MAY BE BETWEEN MLK JR WAY AND YAKIMA AVE. (18) RELOCATE EXISTING TRAFFIC SIGNAL HEAD TO NEW LOCATION AS GNAL CABINET SHOWN TO ALIGN WITH ROADWAY REVISIONS. SEE CITY OF TACOMA STANDARD PLAN TS-14. PROVIDE NEW CABLE AND CONNECTIONS TO SIGNAL CABINET. GNAL POLE (19) RELOCATE EXISTING TRAFFIC SIGNAL HEAD TO NEW LOCATION AS GNAL POLE SHOWN TO ALIGN WITH ROADWAY REVISIONS. SEE CITY OF TACOMA STANDARD PLAN TS-14. PROVIDE ASTROBRAC'S MOUNTED TO EXISTING TENON. PROVIDE NEW CABLE AND CONNECTIONS TO SIGNAL CABINET. DUBLE PPB (20) LOCATE AND INTERCEPT EXISTING CONDUITS AT SIGNAL POLE GNAL POLE FOUNDATION AND UTILIZE FOR WIRE/CABLE RUNS NOTED. <u>______</u> (21) EXISTING STREET LIGHT. DISCONNECT AND REMOVE DIRECT BURY WIRING FROM STREET LIGHT TO NEW JUNCTION BOX AND PROVIDE NEW 3 D TO SIGNAL CABINET VIA CONDUIT AND WIRE AS SHOWN. COMPLETE CONNECTIONS AT STREET CONDUIT LIGHT FOR COMPLETE OPERATION. GNAL INTERCONNECT (22) EXISTING JUNCTION BOX TO REMAIN AND BE RE-USED FOR CONNECTION OF STREET LIGHT CONDUITS AND WIRING AS SHOWN. O PPB JUNCTION BOX TO 23 SOLAR POWERED RRFB. EXISTING CONCRETE FOUNDATION TO BE RE-USED. FINAL DESIGN PROJECT NO. CITY OF TACOMA PKW-G0057 DEPARTMENT OF PUBLIC WORKS HBL JOB NO. J STREET BICYCLE BOULEVARD PROJECT 2160917.14

ELECTRICAL PLAN

S 10TH ST

SHEET NO. EL-05

SHEET 100 OF 137

PLAN NOTES

TS-08.

JUNCTION BOX.

TO NEW JUNCTION BOX.

(NOT ALL PLAN NOTES USED ON EVERY SHEET)

(1) PROVIDE WSDOT TYPE 2 JUNCTION BOX WITH LOCKING LID TO

INTERCEPT EXISTING STREET LIGHT DIRECT BURIED CABLE.

SHOP (253) 591-5287. LABEL JUNCTION BOX LID WITH SYSTEM

LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(3) RECTANGULAR RAPID FLASHING BEACON (RRFB) WITH PEDESTRIAN PUSH BUTTON AND NEW CONCRETE FOUNDATION. PROVIDE AND

(4) REMOVE EXISTING STREET LIGHTING JUNCTION BOX TO FACILITATE NEW CONSTRUCTION. SEE PLAN NOTE 1 FOR LOCATION OF NEW

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-11 FOR

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COMPLETE INTERNAL WIRING PER MANUFACTURERS

(6) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

ADDITIONAL INFORMATION AND REQUIREMENTS.

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(7) POLE MOUNT SINGLE PEDESTRIAN PUSH BUTTON (PPB). PROVIDE AND

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PROVIDE AND COMPLETE INTERNAL WIRING PER MANUFACTURERS

NEW CONSTRUCTION, TYPICAL 3 THIS LOCATION. SEE SHEET EC-03.

(9) REMOVE EXISTING STREET LIGHTING JUNCTION BOX TO FACILITATE

PLAN NOTES 1 AND 10 FOR LOCATION OF NEW JUNCTION BOXES.

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COMPLETE INTERNAL WIRING PER MANUFACTURERS

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-13 FOR

NORTHERNMOST BOX APPEARS TO BE NO LONGER IN USE. MIDDLE BOX

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JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-12, DETAIL

ADDITIONAL INFORMATION AND REQUIREMENTS.

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. WORK WITH CITY CREWS TO DE-ENERGIZE/INTERCEPT

DIRECT BURIED STREETLIGHT CABLES. TRAFFIC SIGNAL/STREETLIGHT

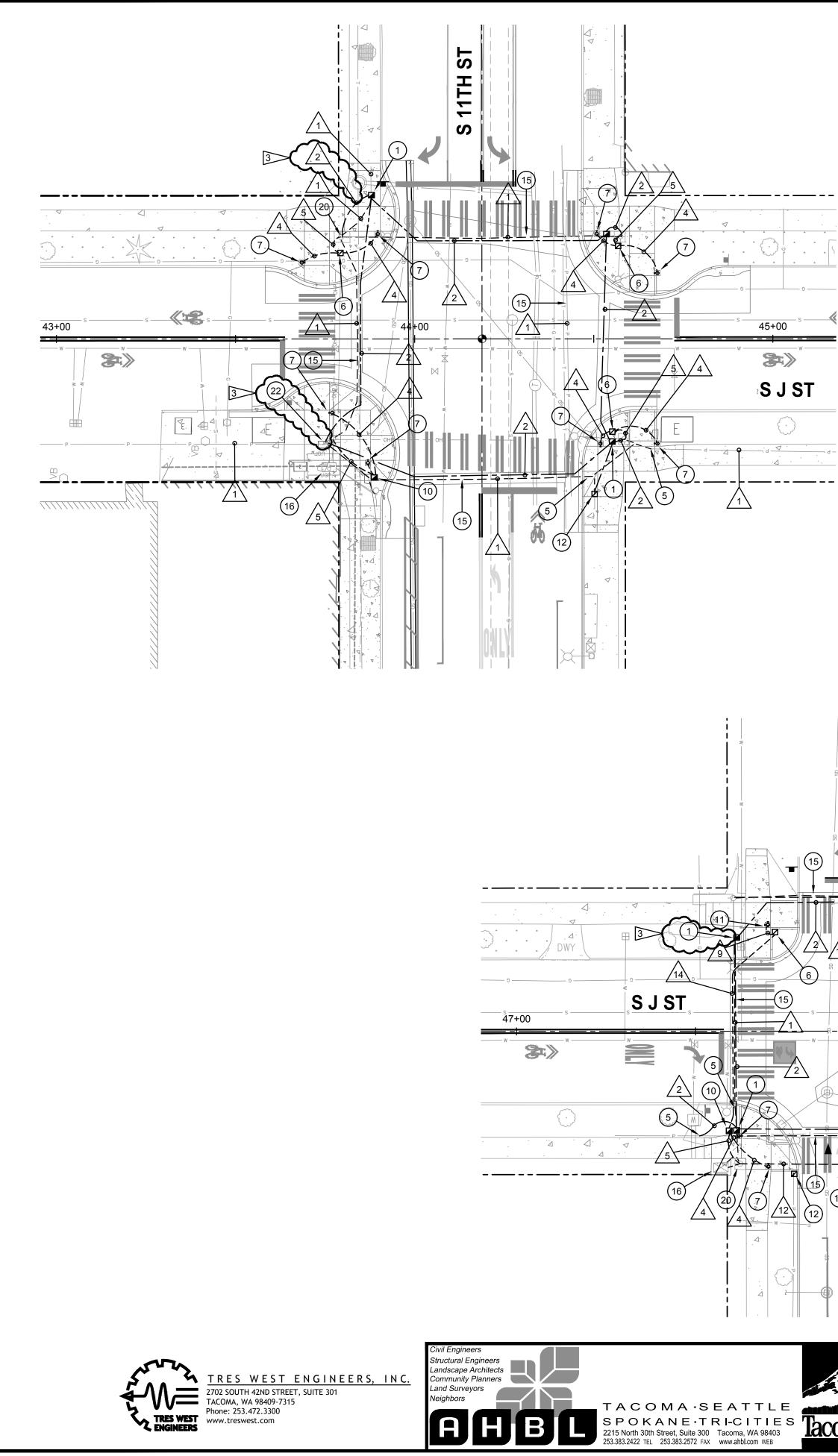
IDENTIFICATION LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION

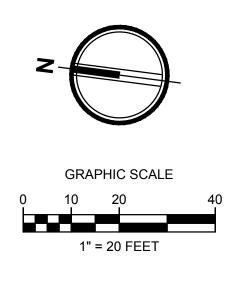
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RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-12, DETAIL



Addendum 3



GENERAL NOTES

- 1. CLOSE COORDINATION BETWEEN ALL UTILITIES AND STREET LIGHTS, PEDESTRIAN LIGHTS, CONCRETE BASES, JUNCTION BOXES, CONDUIT ROUTING, ETC. IS REQUIRED. OTHER BELOW GRADE UTILITIES, I.E. STORM LINES AND DRAINS, ARE LOCATED IN VICINITY .
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- 3. CONTRACTOR TO VERIFY THE SIZE AND NUMBER OF CONDUITS IN THE STREET LIGHT/SIGNAL POLE FOUNDATION.

LEGEND

¢—−X	EXISTING SIGNAL POLE WITH LUMINAIRE
	EXISTING TRAFFIC SIGNAL HEAD
-	RELOCATED TRAFFIC SIGNAL HEAD
	EXISTING WSDOT TYPE 1 JUNCTION BOX WITH ALTERNATIVE 2 LOCKING LID PER WSDOT STANDARD PLAN J-40.10-04
	WSDOT TYPE 2 JUNCTION BOX WITH ALTERNATIVE 2 LOCKING LID PER WSDOT STANDARD PLAN J-40.10-04
\boxtimes	EXISTING TRAFFIC SIGNAL CONTROLLER CABINET
	NEW SIGNAL WIRE IN CONDUIT OR AFFIXED TO SPAN WIRE
	NEW UNDERGROUND 2" CONDUIT AND WIRE (STREET LIGHT)
E	EXISTING UNDERGROUND CONDUIT/WIRE OR DIRECT BURIAL CABLE
_#	WIRE NOTE, SEE WIRING SCHEDULE
(#)	PLAN NOTE, SEE PLAN NOTES
	REVISION BY ADDENDUM
NOTE REFE	R TO CITY OF TACOMA GENERAL SPECIAL PROVISIONS AND

RNEST S				
			CONDUIT/WIRING	SCHEDULE
	RUN NO.	CONDUIT	WIRE	COMME
	$\underline{\Lambda}$	SEE COMMENTS	2#8	DIRECT BURIED HIGH VO STREETLIGHT CABLE
	2	2"	2#8 & 1#8 GROUND	
	<u>3</u>	2"	2#8 & 1#8 GROUND	JUNCTION BOX TO RRFE
	4	1"	2C & 1#8 GROUND	JUNCTION BOX TO SING
	<u></u>	1"	4C & 1#8 GROUND	JUNCTION BOX TO SIGN TO SIGNAL CABINET VIA
	Â	(3) 2"	(4) SETS OF 5C & 1#8 GROUND	JUNCTION BOX TO SIGN
	\triangle	1-1/4"	(4) SETS OF 5C	JUNCTION BOX TO SIGN
	<u>8</u>	2"	(4) SETS OF 5C	JUNCTION BOX TO SIGN
	<u>_</u>	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO DOUE
	<u>_10</u>	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO SIGN
	<u>/11</u>	2"		PULL CORD
	12	SEE COMMENTS	2-5C	SIGNAL TRAFFIC HEAD T EXISTING SPAN WIRE/CO
	13	SEE COMMENTS		EXISTING TRAFFIC SIGN
	14	2"	2-2C	PPB JUNCTION BOX TO F SIGNAL CABINET

										4.	
					FINAL CONSTRUCTION CHECKED	date 3/7/2024	scale AS SHOWN		COLBI	ALLA	
					BY	DESIGNED	CHECKED				DEF
						DPH	JCM FILE NAME				1 E
5	Tooma	CHANNELIZATION AND ELECTRICAL CHANGES	3/7/24		DATE	DPH	2160917.14	L.	√21 2 5222	6	DocuSigned by:
				APPD	FIELD BOOKS			10 F	GIST	EREINE	Jack Neliuser
	NO	REVISION	DATE	APPU					STONAL	EINe	ENGINEERING DIVISION MANAGER
										3/7/	/24

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NOTE: REFER TO CITY OF TACOMA GENERAL SPECIAL PROVISIONS AND DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

> (12) EXISTING JUNCTION BOX TO BE REMOVED AND REPLACED WITH NEW TO FACILITATE GRADE CHANGES. SEE CIVIL DEMO PLAN. SOLAR POWERED RRFB AND NEW CONCRETE FOUNDATION. zuun (14) EXISTING FLASHING BEACON EQUIPMENT TO BE DISCONNECTED AND REMOVED. CUT ANCHOR BOLTS AND CONDUITS FLUSH TO GRADE. FILL/SEAL OFF CONDUITS. 1ENTS (15) STREETLIGHT HIGH VOLTAGE DIRECT BURIED CABLE, DEPTH AND VOLTAGE LOCATION SHALL BE VERIFIED BY CONTRACTOR BEFORE EXCAVATION, TYPICAL. CABLE SHALL BE REMOVED IN AREAS WHERE NEW WORK IS PROVIDED. (16) EXISTING STREET LIGHT/SIGNAL CABINET. PROVIDE EQUIPMENT WITHIN CABINET FOR ADDED ACCESSIBLE PEDESTRIAN SIGNALS TO OPERATE. FB WORK WITH CITY CREWS FOR REQUIRED CONNECTIONS. TRAFFIC SIGNAL/STREETLIGHT SHOP (253) 591-5287. IGLE PPB (17) EXISTING SIGNAL INTERCONNECT CONDUIT AND CABLE. CONTRACTOR **GNAL POLE THEN** TO VERIFY DEPTH AND LOCATION. IF DAMAGED, POSSIBLE CABLE /IA EXISTING SPAN WIRE REPLACEMENT MAY BE BETWEEN MLK JR WAY AND YAKIMA AVE. (18) RELOCATE EXISTING TRAFFIC SIGNAL HEAD TO NEW LOCATION AS **GNAL CABINET** SHOWN TO ALIGN WITH ROADWAY REVISIONS. SEE CITY OF TACOMA STANDARD PLAN TS-14. PROVIDE NEW CABLE AND CONNECTIONS TO SIGNAL CABINET. **GNAL POLE** (19) RELOCATE EXISTING TRAFFIC SIGNAL HEAD TO NEW LOCATION AS **GNAL POLE** SHOWN TO ALIGN WITH ROADWAY REVISIONS. SEE CITY OF TACOMA STANDARD PLAN TS-14. PROVIDE ASTROBRAC'S MOUNTED TO EXISTING TENON. PROVIDE NEW CABLE AND CONNECTIONS TO SIGNAL CABINET. UBLE PPB (20) LOCATE AND INTERCEPT EXISTING CONDUITS AT SIGNAL POLE **GNAL POLE** FOUNDATION AND UTILIZE FOR WIRE/CABLE RUNS NOTED. <u>______</u> (21) EXISTING STREET LIGHT. DISCONNECT AND REMOVE DIRECT BURY WIRING FROM STREET LIGHT TO NEW JUNCTION BOX AND PROVIDE NEW 3 D TO SIGNAL CABINET VIA CONDUIT AND WIRE AS SHOWN. COMPLETE CONNECTIONS AT STREET CONDUIT LIGHT FOR COMPLETE OPERATION. GNAL INTERCONNECT (22) EXISTING JUNCTION BOX TO REMAIN AND BE RE-USED FOR CONNECTION OF STREET LIGHT CONDUITS AND WIRING AS SHOWN. O PPB JUNCTION BOX TO 23 SOLAR POWERED RRFB. EXISTING CONCRETE FOUNDATION TO BE RE-USED. FINIAL DESIGN

(NOT ALL PLAN NOTES USED ON EVERY SHEET) (1) PROVIDE WSDOT TYPE 2 JUNCTION BOX WITH LOCKING LID TO

PLAN NOTES

INTERCEPT EXISTING STREET LIGHT DIRECT BURIED CABLE. COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. WORK WITH CITY CREWS TO DE-ENERGIZE/INTERCEPT DIRECT BURIED STREETLIGHT CABLES. TRAFFIC SIGNAL/STREETLIGHT SHOP (253) 591-5287. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN TS-08. (2) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID. COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN TS-08. (3) RECTANGULAR RAPID FLASHING BEACON (RRFB) WITH PEDESTRIAN PUSH BUTTON AND NEW CONCRETE FOUNDATION. PROVIDE AND

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(6) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID. COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION LETTERS "TS". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(7) POLE MOUNT SINGLE PEDESTRIAN PUSH BUTTON (PPB). PROVIDE AND COMPLETE INTERNAL WIRING PER MANUFACTURERS RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-12, DETAIL 4, FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

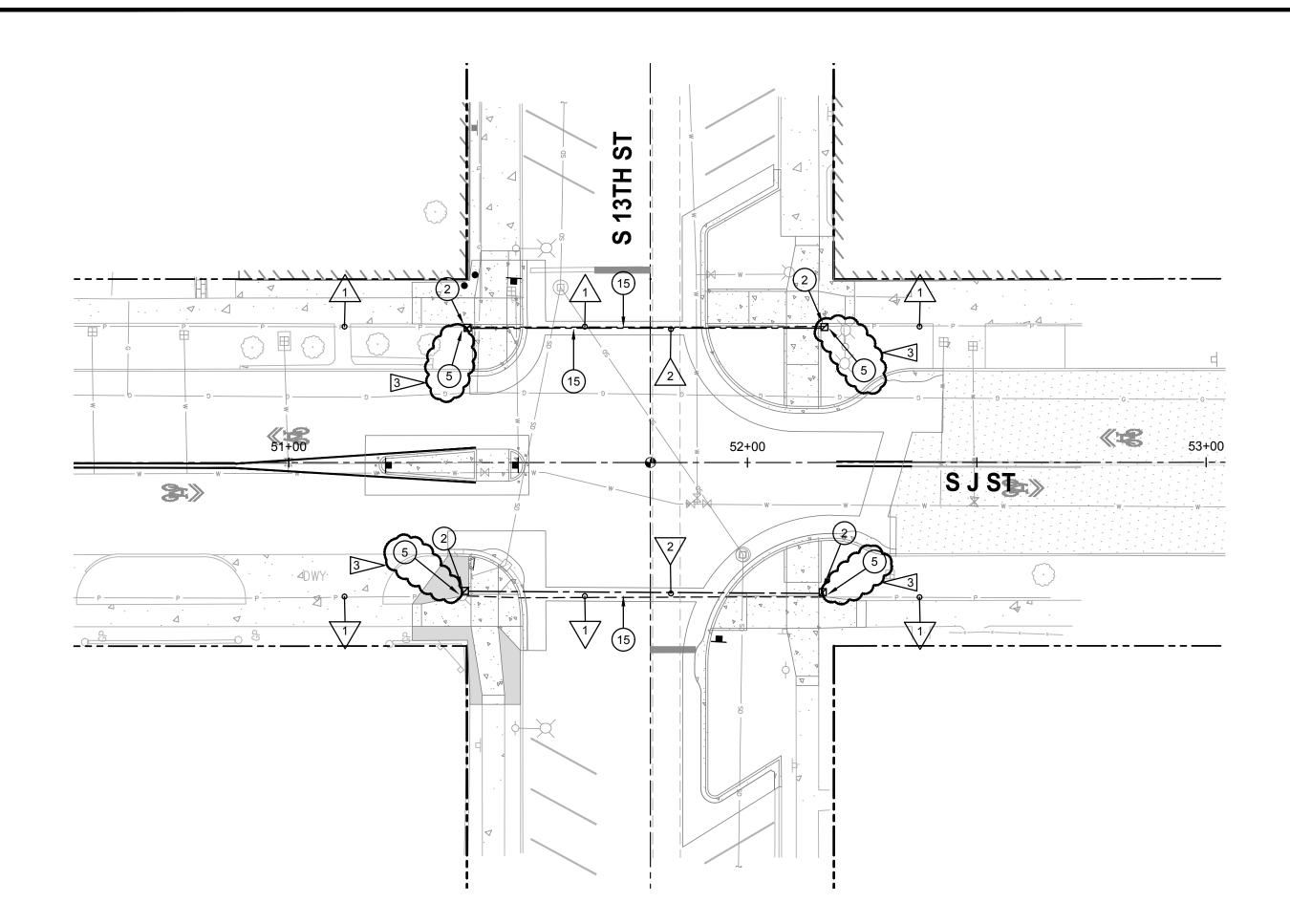
(8) PEDESTRIAN PUSH BUTTON (PPB) MOUNTED ON EXISTING SIGNAL POLE. PROVIDE AND COMPLETE INTERNAL WIRING PER MANUFACTURERS RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-13 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

(9) REMOVE EXISTING STREET LIGHTING JUNCTION BOX TO FACILITATE NEW CONSTRUCTION, TYPICAL 3 THIS LOCATION. SEE SHEET EC-03. NORTHERNMOST BOX APPEARS TO BE NO LONGER IN USE. MIDDLE BOX IS STREET LIGHT WIRING. SOUTHERNMOST BOX IS SIGNAL WIRING. SEE PLAN NOTES 1 AND 10 FOR LOCATION OF NEW JUNCTION BOXES.

(10) PROVIDE WSDOT TYPE 2 JUNCTION BOX WITH LOCKING LID. COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION LETTERS "TS". SEE CITY OF TACOMA STANDARD PLAN TS-08.

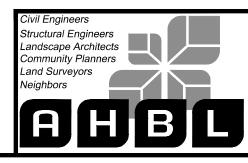
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FIN	IAL DESIGN
CITY OF TACOMA PARTMENT OF PUBLIC WORKS	PROJECT NO. PKW-G0057
J STREET BICYCLE BOULEVARD PROJECT ELECTRICAL PLAN S 11TH ST & EARNEST S BRAZILL ST	AHBL JOB NO. 2160917.14 SHEET NO. EL-06 SHEET 101 of 137



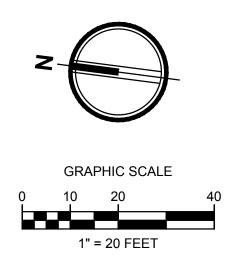


TRES WEST ENGINEERS, INC. 2702 SOUTH 42ND STREET, SUITE 301 TACOMA, WA 98409-7315 Phone: 253 472 3300 Phone: 253.472.3300



TACOMA·SEATTLE SPOKANE ·TRI-CITIES 2215 North 30th Street, Suite 300 Tacoma, WA 98403 53.383.2422 TEL 253.383.2572 FAX www.ahbl.com WEB

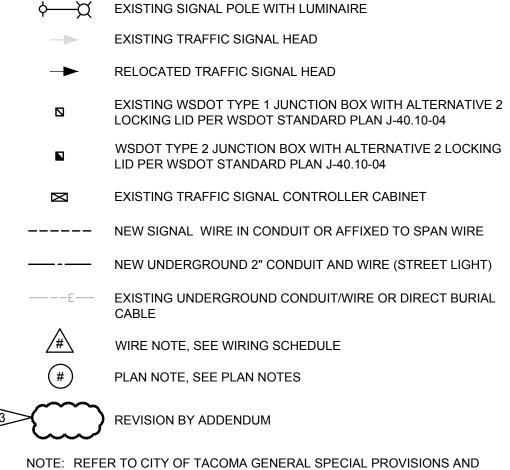
Addendum 3



GENERAL NOTES

- 1. CLOSE COORDINATION BETWEEN ALL UTILITIES AND STREET LIGHTS, PEDESTRIAN LIGHTS, CONCRETE BASES, JUNCTION BOXES, CONDUIT ROUTING, ETC. IS REQUIRED. OTHER BELOW GRADE UTILITIES, I.E. STORM LINES AND DRAINS, ARE LOCATED IN VICINITY .
- 2. EXISTING STREETLIGHT AND SIGNAL CONDUITS AND CABLES SHALL BE LOCATED AND DEPTH VERIFIED BY THE CONTRACTOR BEFORE SAWCUTTING, EXCAVATION, DEMOLITION OR GRADING OCCURS. LOWERING OF OR DAMAGE TO THE SYSTEM WILL REQUIRE NEW CONDUITS, CABLES AND POSSIBLY THE ADDITION OF JUNCTION BOXES. NOTE: SIGNAL CABLES CANNOT HAVE SPLICES AND MUST BE REPLACED IN ITS ENTIRETY.
- 3. CONTRACTOR TO VERIFY THE SIZE AND NUMBER OF CONDUITS IN THE STREET LIGHT/SIGNAL POLE FOUNDATION.

LEGEND



DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

	l	CONDUIT/WIRING	SCHEDULE
RUN NO.	CONDUIT	WIRE	СОММ
$\underline{\land}$	SEE COMMENTS	2#8	DIRECT BURIED HIGH
2	2"	2#8 & 1#8 GROUND	
3	2"	2#8 & 1#8 GROUND	JUNCTION BOX TO RRF
4	1"	2C & 1#8 GROUND	JUNCTION BOX TO SIN
<u>/</u> 5	1"	4C & 1#8 GROUND	JUNCTION BOX TO SIG TO SIGNAL CABINET VI
6	(3) 2"	(4) SETS OF 5C & 1#8 GROUND	JUNCTION BOX TO SIG
\land	1-1/4"	(4) SETS OF 5C	JUNCTION BOX TO SIG
8	2"	(4) SETS OF 5C	JUNCTION BOX TO SIG
<u>_9</u>	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO DOU
10	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO SIG
<u>/11</u>	2"		PULL CORD
12	SEE COMMENTS	2-5C	SIGNAL TRAFFIC HEAD EXISTING SPAN WIRE/C
13	SEE COMMENTS		EXISTING TRAFFIC SIG CABLE
14	2"	2-2C	PPB JUNCTION BOX TO SIGNAL CABINET

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C AL				ВҮ	DESIGNED DPH DRAWN	CHECKED JCM FILE NAME		
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							3/7/24	

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ELECTRICAL PLAN

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SHEET NO. EL-07

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PLAN NOTES

TS-08.

JUNCTION BOX.

TO NEW JUNCTION BOX.

(NOT ALL PLAN NOTES USED ON EVERY SHEET)

(1) PROVIDE WSDOT TYPE 2 JUNCTION BOX WITH LOCKING LID TO

INTERCEPT EXISTING STREET LIGHT DIRECT BURIED CABLE.

SHOP (253) 591-5287. LABEL JUNCTION BOX LID WITH SYSTEM

LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN TS-08.

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RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-11 FOR

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COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF

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RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-12, DETAIL

(2) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

(6) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

ADDITIONAL INFORMATION AND REQUIREMENTS.

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LETTERS "TS". SEE CITY OF TACOMA STANDARD PLAN TS-08.

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RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-12, DETAIL

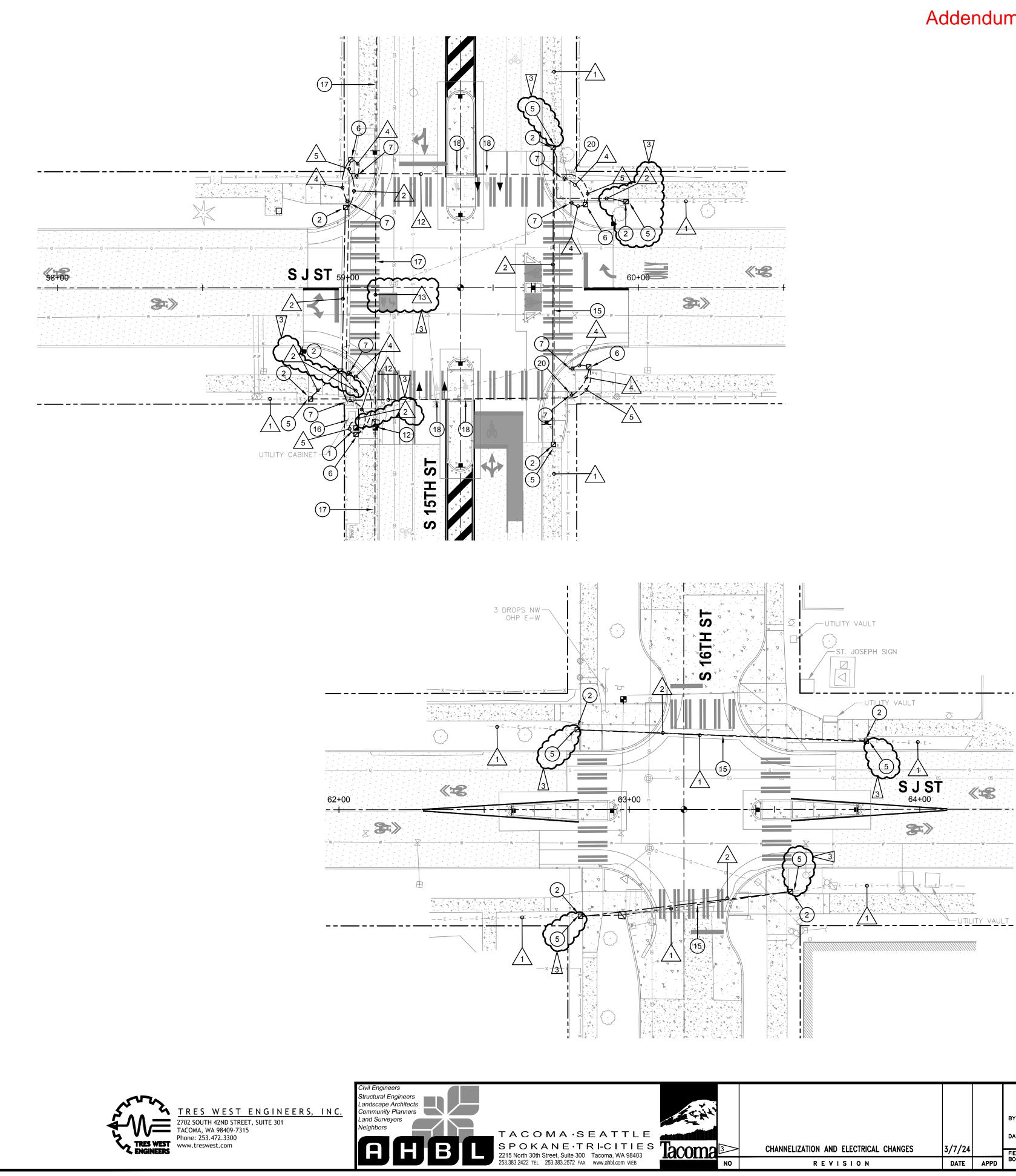
ADDITIONAL INFORMATION AND REQUIREMENTS.

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. WORK WITH CITY CREWS TO DE-ENERGIZE/INTERCEPT

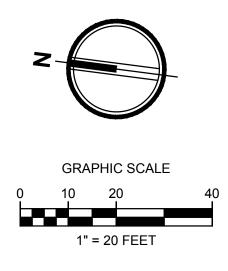
DIRECT BURIED STREETLIGHT CABLES. TRAFFIC SIGNAL/STREETLIGHT

IDENTIFICATION LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION



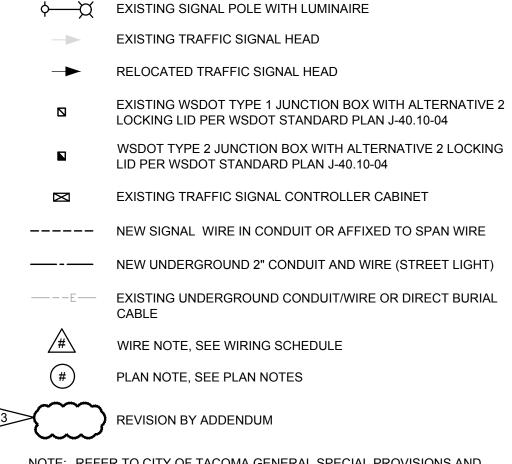
Addendum 3



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LEGEND



NOTE: REFER TO CITY OF TACOMA GENERAL SPECIAL PROVISIONS AND DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

RUN NO.	CONDUIT	WIRE	СОММ
$\underline{1}$	SEE COMMENTS	2#8	DIRECT BURIED HIGH
2	2"	2#8 & 1#8 GROUND	
3	2"	2#8 & 1#8 GROUND	JUNCTION BOX TO RRF
4	1"	2C & 1#8 GROUND	JUNCTION BOX TO SING
<u>/</u> 5	1"	4C & 1#8 GROUND	JUNCTION BOX TO SIG TO SIGNAL CABINET VI
6	(3) 2"	(4) SETS OF 5C & 1#8 GROUND	JUNCTION BOX TO SIG
\wedge	1-1/4"	(4) SETS OF 5C	JUNCTION BOX TO SIG
8	2"	(4) SETS OF 5C	JUNCTION BOX TO SIG
<u>/9</u>	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO DOL
10	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO SIG
<u>/11</u>	2"		PULL CORD
12	SEE COMMENTS	2-5C	SIGNAL TRAFFIC HEAD EXISTING SPAN WIRE/C
13	SEE COMMENTS		EXISTING TRAFFIC SIG CABLE
/14	2"	2-2C	PPB JUNCTION BOX TO SIGNAL CABINET

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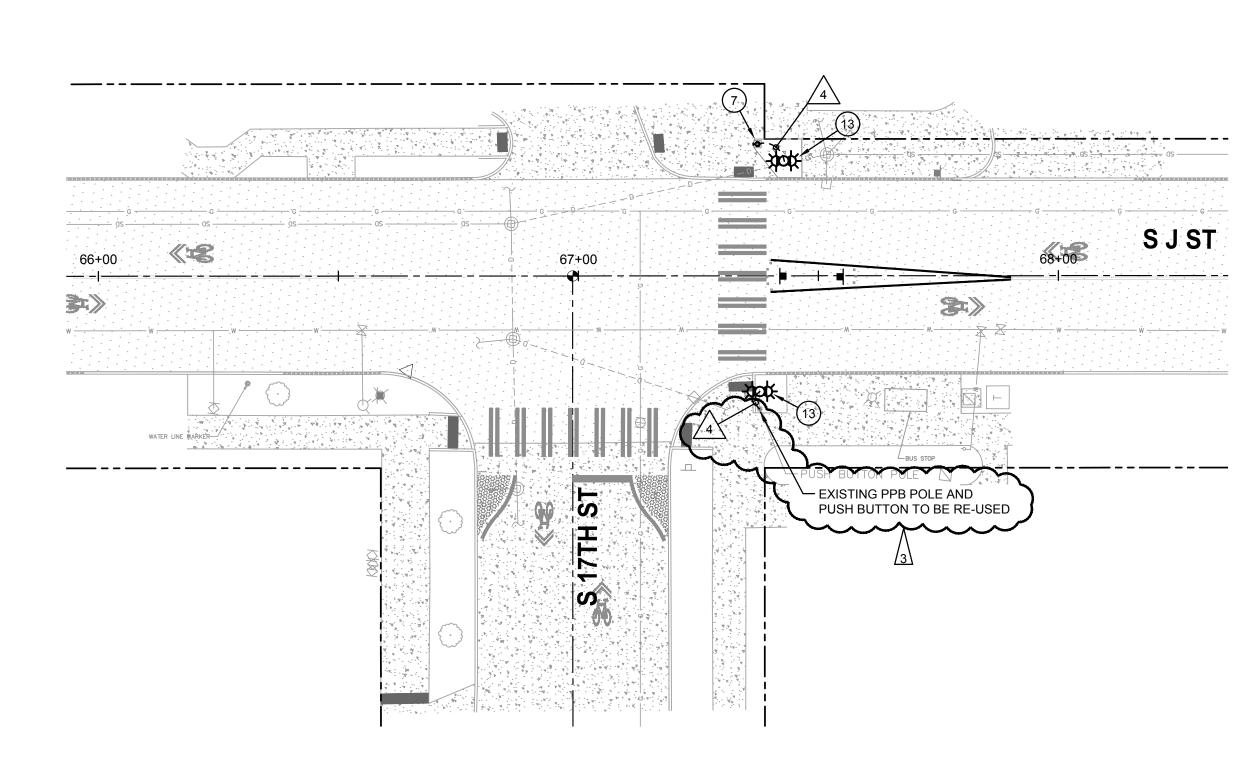
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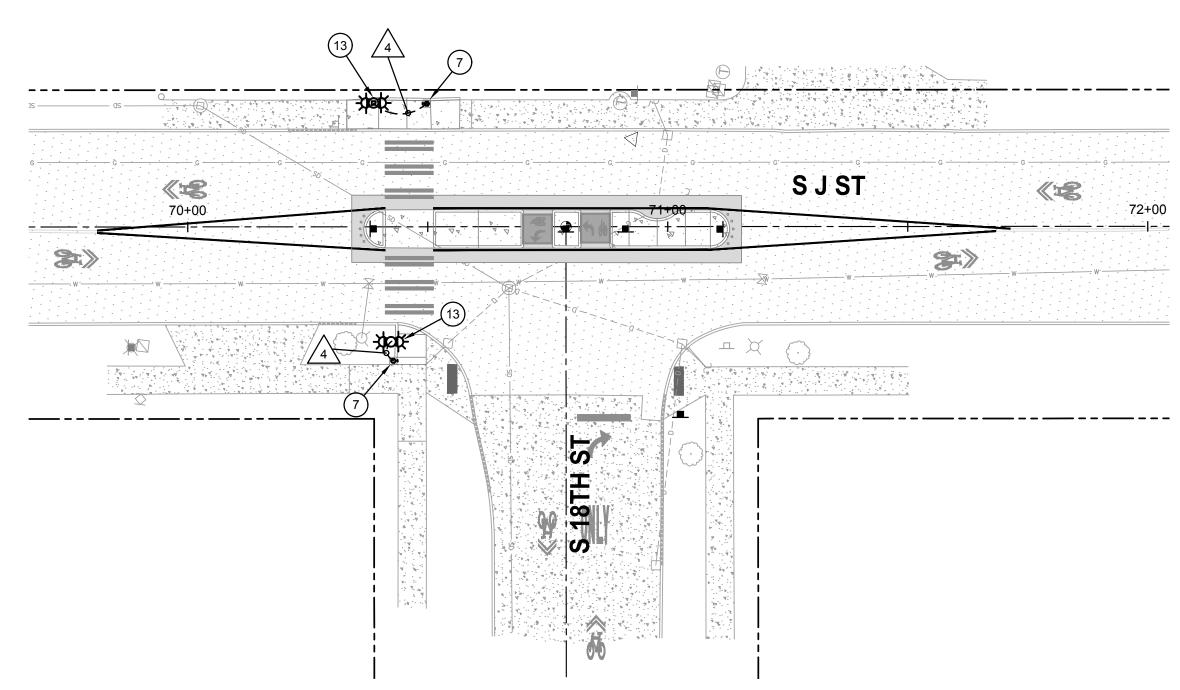
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CITY OF TACOMA	PROJECT NO.
ARTMENT OF PUBLIC WORKS	PKW-G0057
J STREET BICYCLE BOULEVARD PROJECT	ahbl job no. 2160917.14
ELECTRICAL PLAN S 15TH ST & S 16TH ST	^{Sheet no.} EL—08 sheet 103 ог 137





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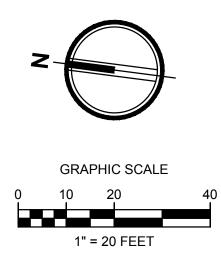
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TRES WEST ENGINEERS, INC. 2702 SOUTH 42ND STREET, SUITE 301 TACOMA, WA 98409-7315 Phone: 253.472.3300 www.treswest.com



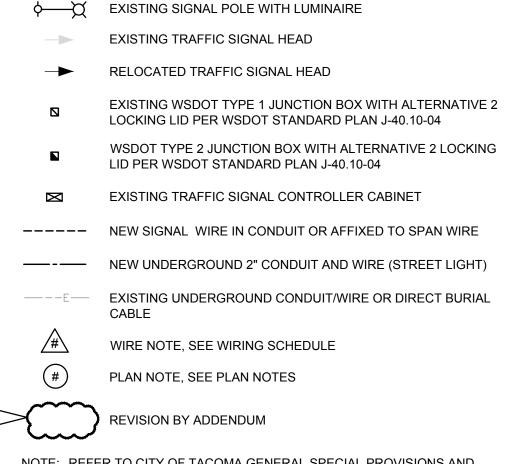
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- 2. EXISTING STREETLIGHT AND SIGNAL CONDUITS AND CABLES SHALL BE LOCATED AND DEPTH VERIFIED BY THE CONTRACTOR BEFORE SAWCUTTING, EXCAVATION, DEMOLITION OR GRADING OCCURS. LOWERING OF OR DAMAGE TO THE SYSTEM WILL REQUIRE NEW CONDUITS, CABLES AND POSSIBLY THE ADDITION OF JUNCTION BOXES. NOTE: SIGNAL CABLES CANNOT HAVE SPLICES AND MUST BE REPLACED IN ITS ENTIRETY.
- 3. CONTRACTOR TO VERIFY THE SIZE AND NUMBER OF CONDUITS IN THE STREET LIGHT/SIGNAL POLE FOUNDATION.

LEGEND



NOTE: REFER TO CITY OF TACOMA GENERAL SPECIAL PROVISIONS AND DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

RUN NO.	CONDUIT	WIRE	COMME
Λ	SEE COMMENTS	2#8	DIRECT BURIED HIGH V STREETLIGHT CABLE
2	2"	2#8 & 1#8 GROUND	
$\sqrt{3}$	2"	2#8 & 1#8 GROUND	JUNCTION BOX TO RRFI
4	1"	2C & 1#8 GROUND	JUNCTION BOX TO SING
<u>_5</u>	1"	4C & 1#8 GROUND	JUNCTION BOX TO SIGN TO SIGNAL CABINET VIA
<u>_6</u>	(3) 2"	(4) SETS OF 5C & 1#8 GROUND	JUNCTION BOX TO SIGN
\triangle	1-1/4"	(4) SETS OF 5C	JUNCTION BOX TO SIGN
8	2"	(4) SETS OF 5C	JUNCTION BOX TO SIGN
<u></u>	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO DOU
10	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO SIGN
<u>/11</u>	2"		PULL CORD
12	SEE COMMENTS	2-5C	SIGNAL TRAFFIC HEAD EXISTING SPAN WIRE/C
13	SEE COMMENTS		EXISTING TRAFFIC SIGN CABLE
14	2"	2-2C	PPB JUNCTION BOX TO SIGNAL CABINET

						A BARRA
			FINAL CONSTRUCTION CHECKED	date 3/7/2024	scale AS SHOWN	COLBY AND DEE
			BY	DESIGNED DPH	CHECKED JCM	
CHANNELIZATION AND ELECTRICAL CHANGES	3/7/24		DATE	drawn DPH	FILE NAME 2160917.14	DocuSigned by:
	DATE	APPD	FIELD BOOKS			ACL MULLISUN DISSIONAL ENGLISE ENGINEERING DIVISION MANAGER
				<u>.</u>		3/7/24

(12) EXISTING JUNCTION BOX TO BE REMOVED AND REPLACED WITH NEW TO FACILITATE GRADE CHANGES. SEE CIVIL DEMO PLAN. SOLAR POWERED RRFB AND NEW CONCRETE FOUNDATION. × (14) EXISTING FLASHING BEACON EQUIPMENT TO BE DISCONNECTED AND REMOVED. CUT ANCHOR BOLTS AND CONDUITS FLUSH TO GRADE. FILL/SEAL OFF CONDUITS. 1ENTS (15) STREETLIGHT HIGH VOLTAGE DIRECT BURIED CABLE, DEPTH AND VOLTAGE LOCATION SHALL BE VERIFIED BY CONTRACTOR BEFORE EXCAVATION, TYPICAL. CABLE SHALL BE REMOVED IN AREAS WHERE NEW WORK IS PROVIDED. (16) EXISTING STREET LIGHT/SIGNAL CABINET. PROVIDE EQUIPMENT WITHIN CABINET FOR ADDED ACCESSIBLE PEDESTRIAN SIGNALS TO OPERATE. FB WORK WITH CITY CREWS FOR REQUIRED CONNECTIONS. TRAFFIC SIGNAL/STREETLIGHT SHOP (253) 591-5287. IGLE PPB (17) EXISTING SIGNAL INTERCONNECT CONDUIT AND CABLE. CONTRACTOR TO VERIFY DEPTH AND LOCATION. IF DAMAGED, POSSIBLE CABLE SNAL POLE THEN IA EXISTING SPAN WIRE REPLACEMENT MAY BE BETWEEN MLK JR WAY AND YAKIMA AVE. (18) RELOCATE EXISTING TRAFFIC SIGNAL HEAD TO NEW LOCATION AS NAL CABINET SHOWN TO ALIGN WITH ROADWAY REVISIONS. SEE CITY OF TACOMA STANDARD PLAN TS-14. PROVIDE NEW CABLE AND CONNECTIONS TO SIGNAL CABINET. SNAL POLE (19) RELOCATE EXISTING TRAFFIC SIGNAL HEAD TO NEW LOCATION AS **GNAL POLE** SHOWN TO ALIGN WITH ROADWAY REVISIONS. SEE CITY OF TACOMA STANDARD PLAN TS-14. PROVIDE ASTROBRAC'S MOUNTED TO EXISTING TENON. PROVIDE NEW CABLE AND CONNECTIONS TO SIGNAL CABINET. UBLE PPB (20) LOCATE AND INTERCEPT EXISTING CONDUITS AT SIGNAL POLE SNAL POLE FOUNDATION AND UTILIZE FOR WIRE/CABLE RUNS NOTED. (21) EXISTING STREET LIGHT. DISCONNECT AND REMOVE DIRECT BURY WIRING FROM STREET LIGHT TO NEW JUNCTION BOX AND PROVIDE NEW 3 TO SIGNAL CABINET VI CONDUIT AND WIRE AS SHOWN. COMPLETE CONNECTIONS AT STREET CONDUIT LIGHT FOR COMPLETE OPERATION. NAL INTERCONNECT (22) EXISTING JUNCTION BOX TO REMAIN AND BE RE-USED FOR CONNECTION OF STREET LIGHT CONDUITS AND WIRING AS SHOWN. O PPB JUNCTION BOX TO (23) SOLAR POWERED RRFB. EXISTING CONCRETE FOUNDATION TO BE RE-USED. FINAL DESIGN ROJECT NO. CITY OF TACOMA PKW-G0057 PARTMENT OF PUBLIC WORKS HBL JOB NO. J STREET BICYCLE BOULEVARD PROJECT 2160917.14

ELECTRICAL PLAN

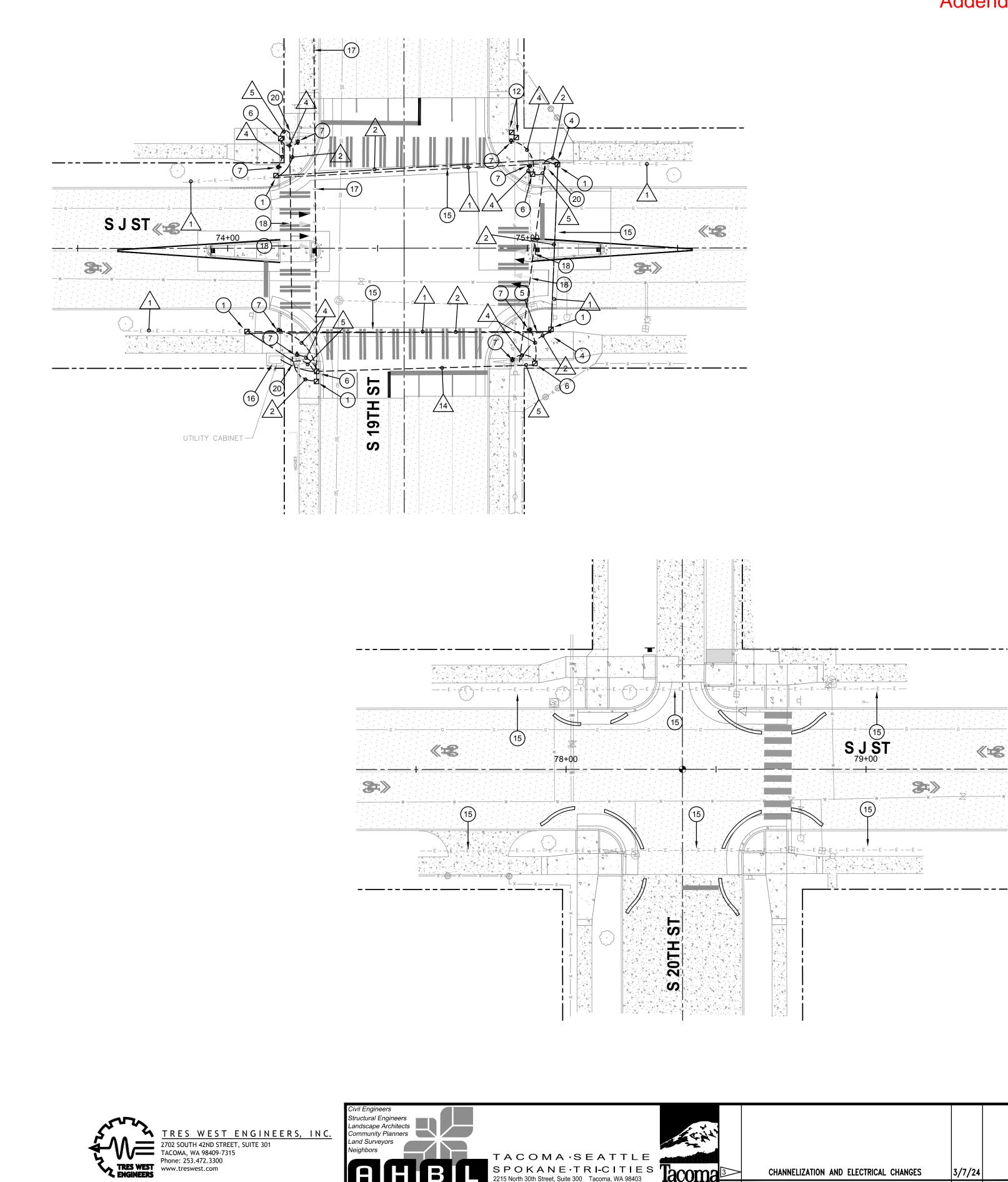
S 17TH ST & S 18TH ST

SHEET NO. EL-09

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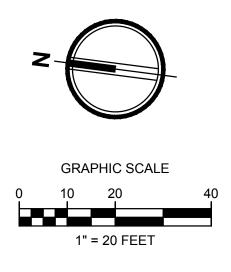
PLAN NOTES (NOT ALL PLAN NOTES USED ON EVERY SHEET)

(1) PROVIDE WSDOT TYPE 2 JUNCTION BOX WITH LOCKING LID TO INTERCEPT EXISTING STREET LIGHT DIRECT BURIED CABLE. COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. WORK WITH CITY CREWS TO DE-ENERGIZE/INTERCEPT DIRECT BURIED STREETLIGHT CABLES. TRAFFIC SIGNAL/STREETLIGHT SHOP (253) 591-5287. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN TS-08. (2) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID. COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN TS-08. (3) RECTANGULAR RAPID FLASHING BEACON (RRFB) WITH PEDESTRIAN PUSH BUTTON AND NEW CONCRETE FOUNDATION. PROVIDE AND COMPLETE INTERNAL WIRING PER MANUFACTURERS 3 RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-11 FOR ADDITIONAL INFORMATION AND REQUIREMENTS. (4) REMOVE EXISTING STREET LIGHTING JUNCTION BOX TO FACILITATE NEW CONSTRUCTION. SEE PLAN NOTE 1 FOR LOCATION OF NEW JUNCTION BOX. 3 (5) LOCATE EXISTING STREET LIGHT DIRECT BURIED WIRING AND RE-ROUTE TO NEW JUNCTION BOX. (6) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID. COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION LETTERS "TS". SEE CITY OF TACOMA STANDARD PLAN TS-08. (7) POLE MOUNT SINGLE PEDESTRIAN PUSH BUTTON (PPB). PROVIDE AND COMPLETE INTERNAL WIRING PER MANUFACTURERS RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-12, DETAIL 4, FOR ADDITIONAL INFORMATION AND REQUIREMENTS. (8) PEDESTRIAN PUSH BUTTON (PPB) MOUNTED ON EXISTING SIGNAL POLE. PROVIDE AND COMPLETE INTERNAL WIRING PER MANUFACTURERS RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-13 FOR ADDITIONAL INFORMATION AND REQUIREMENTS. (9) REMOVE EXISTING STREET LIGHTING JUNCTION BOX TO FACILITATE NEW CONSTRUCTION, TYPICAL 3 THIS LOCATION. SEE SHEET EC-03. NORTHERNMOST BOX APPEARS TO BE NO LONGER IN USE. MIDDLE BOX 3 IS STREET LIGHT WIRING. SOUTHERNMOST BOX IS SIGNAL WIRING. SEE PLAN NOTES 1 AND 10 FOR LOCATION OF NEW JUNCTION BOXES. (10) PROVIDE WSDOT TYPE 2 JUNCTION BOX WITH LOCKING LID. COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION LETTERS "TS". SEE CITY OF TACOMA STANDARD PLAN TS-08. (11) POLE MOUNT DOUBLE PEDESTRIAN PUSH BUTTON (PPB). PROVIDE AND COMPLETE INTERNAL WIRING PER MANUFACTURERS RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-12, DETAIL 4, FOR ADDITIONAL INFORMATION AND REQUIREMENTS.



53.383.2422 TEL 253.383.2572 FAX www.ahbl.com WEB

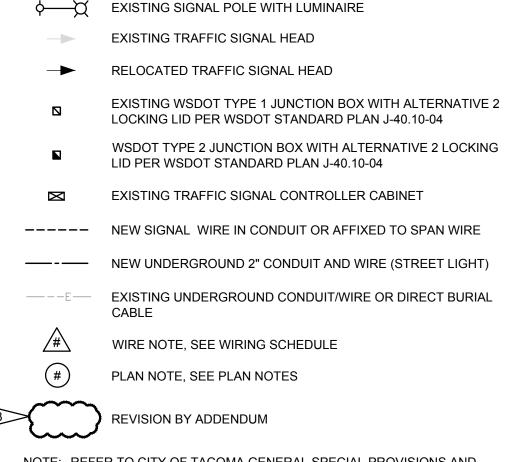
Addendum 3



GENERAL NOTES

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LEGEND



NOTE: REFER TO CITY OF TACOMA GENERAL SPECIAL PROVISIONS AND DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

		CONDUIT/WIRING	SCHEDULE
RUN NO.	CONDUIT	WIRE	СОММ
Δ	SEE COMMENTS	2#8	DIRECT BURIED HIGH STREETLIGHT CABLE
2	2"	2#8 & 1#8 GROUND	
3	2"	2#8 & 1#8 GROUND	JUNCTION BOX TO RRF
4	1"	2C & 1#8 GROUND	JUNCTION BOX TO SIN
5	1"	4C & 1#8 GROUND	JUNCTION BOX TO SIG TO SIGNAL CABINET VI
6	(3) 2"	(4) SETS OF 5C & 1#8 GROUND	JUNCTION BOX TO SIG
\wedge	1-1/4"	(4) SETS OF 5C	JUNCTION BOX TO SIG
8	2"	(4) SETS OF 5C	JUNCTION BOX TO SIG
<u>/9</u>	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO DOU
10	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO SIG
<u>/11</u>	2"		PULL CORD
12	SEE COMMENTS	2-5C	SIGNAL TRAFFIC HEAD EXISTING SPAN WIRE/C
13	SEE COMMENTS		EXISTING TRAFFIC SIG CABLE
14	2"	2-2C	PPB JUNCTION BOX TO SIGNAL CABINET

				FINAL CONSTRUCTION CHECKED	date 3/7/2024	scale AS SHOWN		COLBY ME	
C AL				ВҮ	DESIGNED DPH	CHECKED	A Q		
		- /- /- /		DATE	DRAWN DPH	FILE NAME 2160917.14			DocuSigned by:
	CHANNELIZATION AND ELECTRICAL CHANGES	3/7/24		FIELD BOOKS			A PORT	GISTER	Jack Mehuser
NO	REVISION	DATE	APPD	BUOKO				SIONAL ENG	ENGINEERING, DIVISION, MANAGER
								3/7	7/24

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(12) EXISTING JUNCTION BOX TO BE REMOVED AND REPLACED WITH NEW TO FACILITATE GRADE CHANGES. SEE CIVIL DEMO PLAN. SOLAR POWERED RRFB AND NEW CONCRETE FOUNDATION. \sim (14) EXISTING FLASHING BEACON EQUIPMENT TO BE DISCONNECTED AND REMOVED. CUT ANCHOR BOLTS AND CONDUITS FLUSH TO GRADE. FILL/SEAL OFF CONDUITS. 1ENTS (15) STREETLIGHT HIGH VOLTAGE DIRECT BURIED CABLE, DEPTH AND VOLTAGE LOCATION SHALL BE VERIFIED BY CONTRACTOR BEFORE EXCAVATION, TYPICAL. CABLE SHALL BE REMOVED IN AREAS WHERE NEW WORK IS PROVIDED. (16) EXISTING STREET LIGHT/SIGNAL CABINET. PROVIDE EQUIPMENT WITHIN FB CABINET FOR ADDED ACCESSIBLE PEDESTRIAN SIGNALS TO OPERATE. WORK WITH CITY CREWS FOR REQUIRED CONNECTIONS. TRAFFIC SIGNAL/STREETLIGHT SHOP (253) 591-5287. IGLE PPB (17) EXISTING SIGNAL INTERCONNECT CONDUIT AND CABLE. CONTRACTOR SNAL POLE THEN TO VERIFY DEPTH AND LOCATION. IF DAMAGED, POSSIBLE CABLE /IA EXISTING SPAN WIRE REPLACEMENT MAY BE BETWEEN MLK JR WAY AND YAKIMA AVE. (18) RELOCATE EXISTING TRAFFIC SIGNAL HEAD TO NEW LOCATION AS NAL CABINET SHOWN TO ALIGN WITH ROADWAY REVISIONS. SEE CITY OF TACOMA STANDARD PLAN TS-14. PROVIDE NEW CABLE AND CONNECTIONS TO SIGNAL CABINET. GNAL POLE (19) RELOCATE EXISTING TRAFFIC SIGNAL HEAD TO NEW LOCATION AS **GNAL POLE** SHOWN TO ALIGN WITH ROADWAY REVISIONS. SEE CITY OF TACOMA STANDARD PLAN TS-14. PROVIDE ASTROBRAC'S MOUNTED TO EXISTING TENON. PROVIDE NEW CABLE AND CONNECTIONS TO SIGNAL CABINET. UBLE PPB (20) LOCATE AND INTERCEPT EXISTING CONDUITS AT SIGNAL POLE **GNAL POLE** FOUNDATION AND UTILIZE FOR WIRE/CABLE RUNS NOTED. (21) EXISTING STREET LIGHT. DISCONNECT AND REMOVE DIRECT BURY WIRING FROM STREET LIGHT TO NEW JUNCTION BOX AND PROVIDE NEW 3 D TO SIGNAL CABINET VI CONDUIT AND WIRE AS SHOWN. COMPLETE CONNECTIONS AT STREET CONDUIT LIGHT FOR COMPLETE OPERATION. GNAL INTERCONNECT (22) EXISTING JUNCTION BOX TO REMAIN AND BE RE-USED FOR CONNECTION OF STREET LIGHT CONDUITS AND WIRING AS SHOWN. O PPB JUNCTION BOX TO 23 SOLAR POWERED RRFB. EXISTING CONCRETE FOUNDATION TO BE RE-USED. FINAL DESIGN PROJECT NO. CITY OF TACOMA PKW-G0057 PARTMENT OF PUBLIC WORKS HBL JOB NO. J STREET BICYCLE BOULEVARD PROJECT

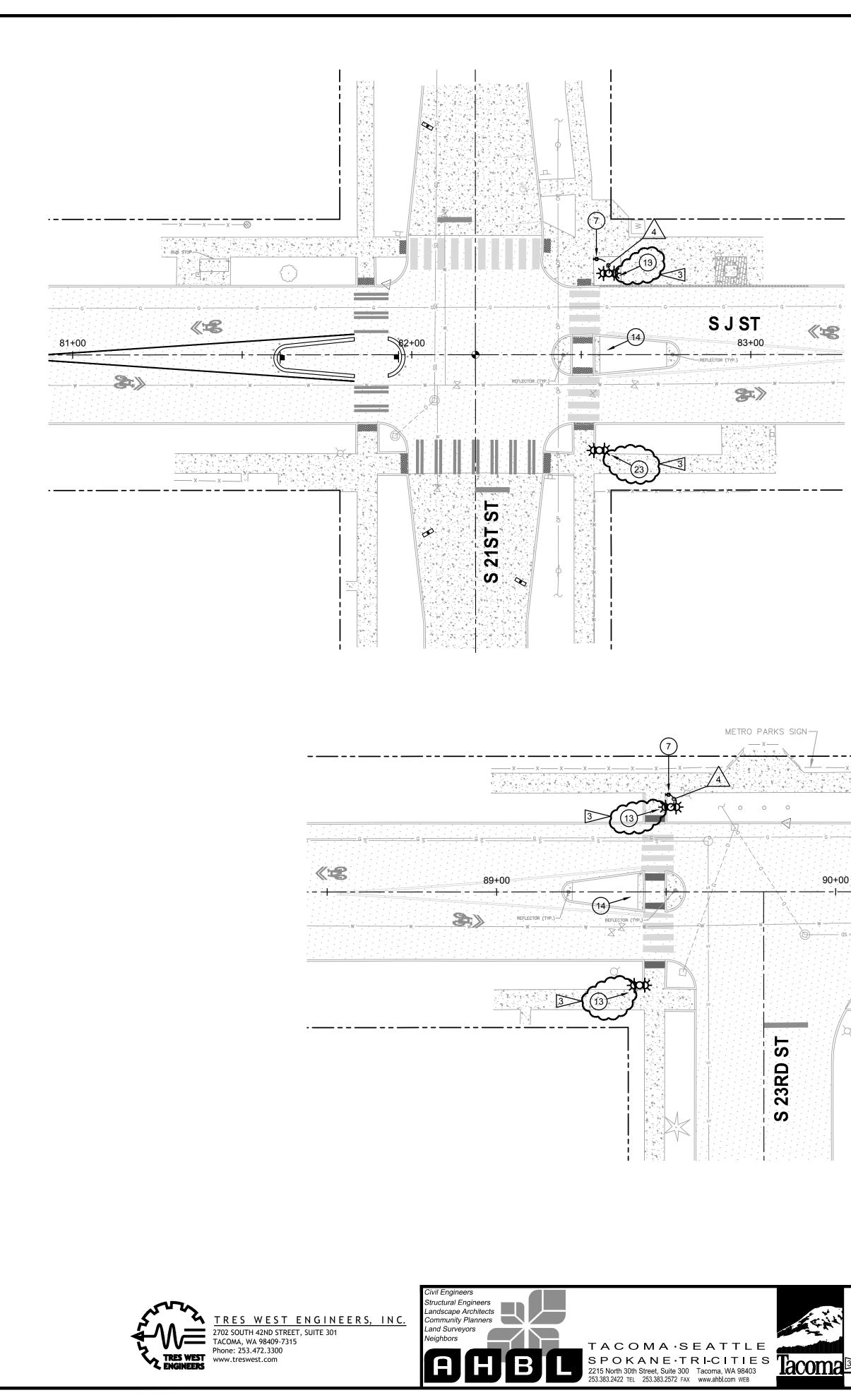
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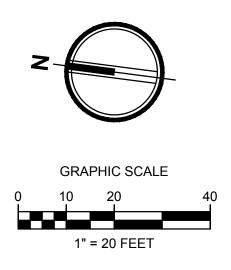
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S 19TH ST & S 20TH ST



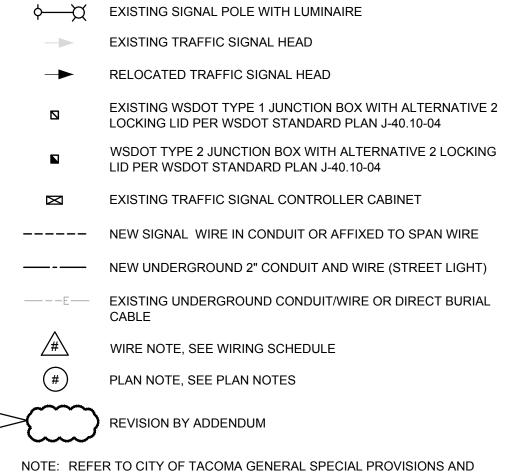
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LEGEND



CABLE

SIGNAL CABINET

2-2C

		CONDUIT/WIRING SCHEDULE					
	RUN NO.	CONDUIT	WIRE	COMM			
	\land	SEE COMMENTS	2#8	DIRECT BURIED HIGH STREETLIGHT CABLE			
S J ST	2	2"	2#8 & 1#8 GROUND				
	3	2"	2#8 & 1#8 GROUND	JUNCTION BOX TO RE			
WWWWW 0S	4	1"	2C & 1#8 GROUND	JUNCTION BOX TO SIN			
	5	1"	4C & 1#8 GROUND	JUNCTION BOX TO SIGNAL CABINET V			
	Â	(3) 2"	(4) SETS OF 5C & 1#8 GROUND	JUNCTION BOX TO SIG			
	\triangle	1-1/4"	(4) SETS OF 5C	JUNCTION BOX TO SIG			
	8	2"	(4) SETS OF 5C	JUNCTION BOX TO SIG			
		1"	2-2C & 1#8 GROUND	JUNCTION BOX TO DO			
	10	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO SIG			
	<u>_11</u>	2"		PULL CORD			
	12	SEE COMMENTS	2-5C	SIGNAL TRAFFIC HEAD			
		1	I	1			

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				FINAL CONSTRUCTION CHECKED	date 3/7/2024	scale AS SHOWN	COLBY AGAIN	
					DESIGNED	CHECKED		DEF
				BY	DPH	JCM		
				DATE	DRAWN	FILE NAME		
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	CHANNELIZATION AND ELECTRICAL CHANGES	3/1/24		FIELD BOOKS			GISTER W	Jack Meluser
NO	REVISION	DATE	APPD	BOOKS			COSTONAL ENG	INCE PACILIASCI INEERING DIVISION MANAGER
							3/7/24	- селин н <i>исте</i> не <i>ток чест на 163</i>

SEE

COMMENTS

2"

<u>/13</u>

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DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

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ELECTRICAL PLAN

S 21ST ST & S 23RD ST

SHEET NO. EL-11

ынеет 106 ог 137

PLAN NOTES

TS-08.

JUNCTION BOX.

TO NEW JUNCTION BOX.

(NOT ALL PLAN NOTES USED ON EVERY SHEET)

(1) PROVIDE WSDOT TYPE 2 JUNCTION BOX WITH LOCKING LID TO

INTERCEPT EXISTING STREET LIGHT DIRECT BURIED CABLE.

SHOP (253) 591-5287. LABEL JUNCTION BOX LID WITH SYSTEM

LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(3) RECTANGULAR RAPID FLASHING BEACON (RRFB) WITH PEDESTRIAN PUSH BUTTON AND NEW CONCRETE FOUNDATION. PROVIDE AND

(4) REMOVE EXISTING STREET LIGHTING JUNCTION BOX TO FACILITATE NEW CONSTRUCTION. SEE PLAN NOTE 1 FOR LOCATION OF NEW

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-11 FOR

(5) LOCATE EXISTING STREET LIGHT DIRECT BURIED WIRING AND RE-ROUTE

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-12, DETAIL

JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION

(2) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

(6) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

ADDITIONAL INFORMATION AND REQUIREMENTS.

4, FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

LETTERS "TS". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(7) POLE MOUNT SINGLE PEDESTRIAN PUSH BUTTON (PPB). PROVIDE AND

(8) PEDESTRIAN PUSH BUTTON (PPB) MOUNTED ON EXISTING SIGNAL POLE. PROVIDE AND COMPLETE INTERNAL WIRING PER MANUFACTURERS

(9) REMOVE EXISTING STREET LIGHTING JUNCTION BOX TO FACILITATE NEW CONSTRUCTION, TYPICAL 3 THIS LOCATION. SEE SHEET EC-03.

PLAN NOTES 1 AND 10 FOR LOCATION OF NEW JUNCTION BOXES.

LETTERS "TS". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(11) POLE MOUNT DOUBLE PEDESTRIAN PUSH BUTTON (PPB). PROVIDE AND

(10) PROVIDE WSDOT TYPE 2 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-13 FOR

NORTHERNMOST BOX APPEARS TO BE NO LONGER IN USE. MIDDLE BOX

IS STREET LIGHT WIRING. SOUTHERNMOST BOX IS SIGNAL WIRING. SEE

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-12, DETAIL

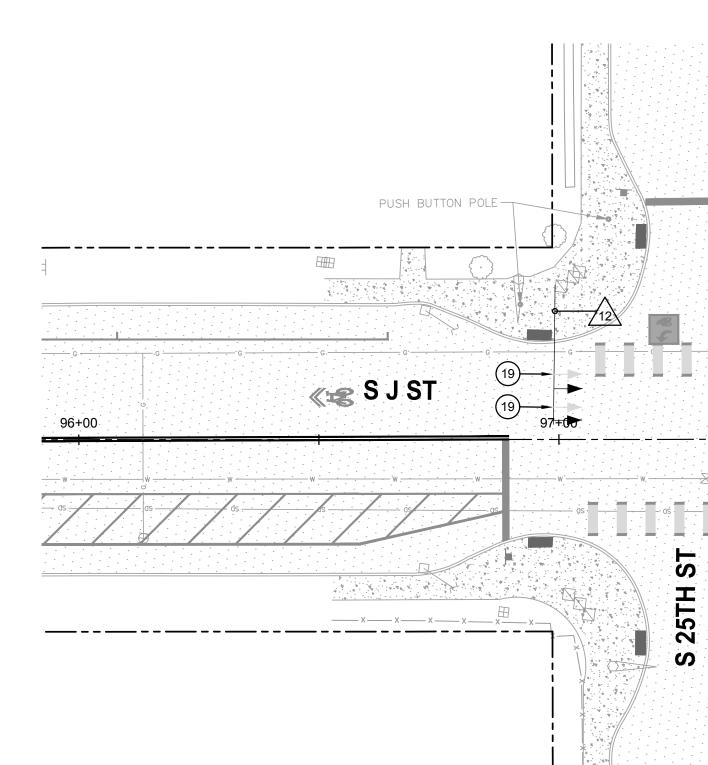
ADDITIONAL INFORMATION AND REQUIREMENTS.

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. WORK WITH CITY CREWS TO DE-ENERGIZE/INTERCEPT

DIRECT BURIED STREETLIGHT CABLES. TRAFFIC SIGNAL/STREETLIGHT

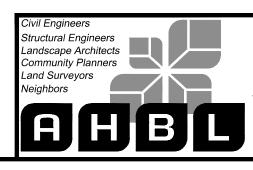
IDENTIFICATION LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN

COORDINATE WITH CIVIL AND LANDSCAPING FOR EXACT PLACEMENT OF JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION

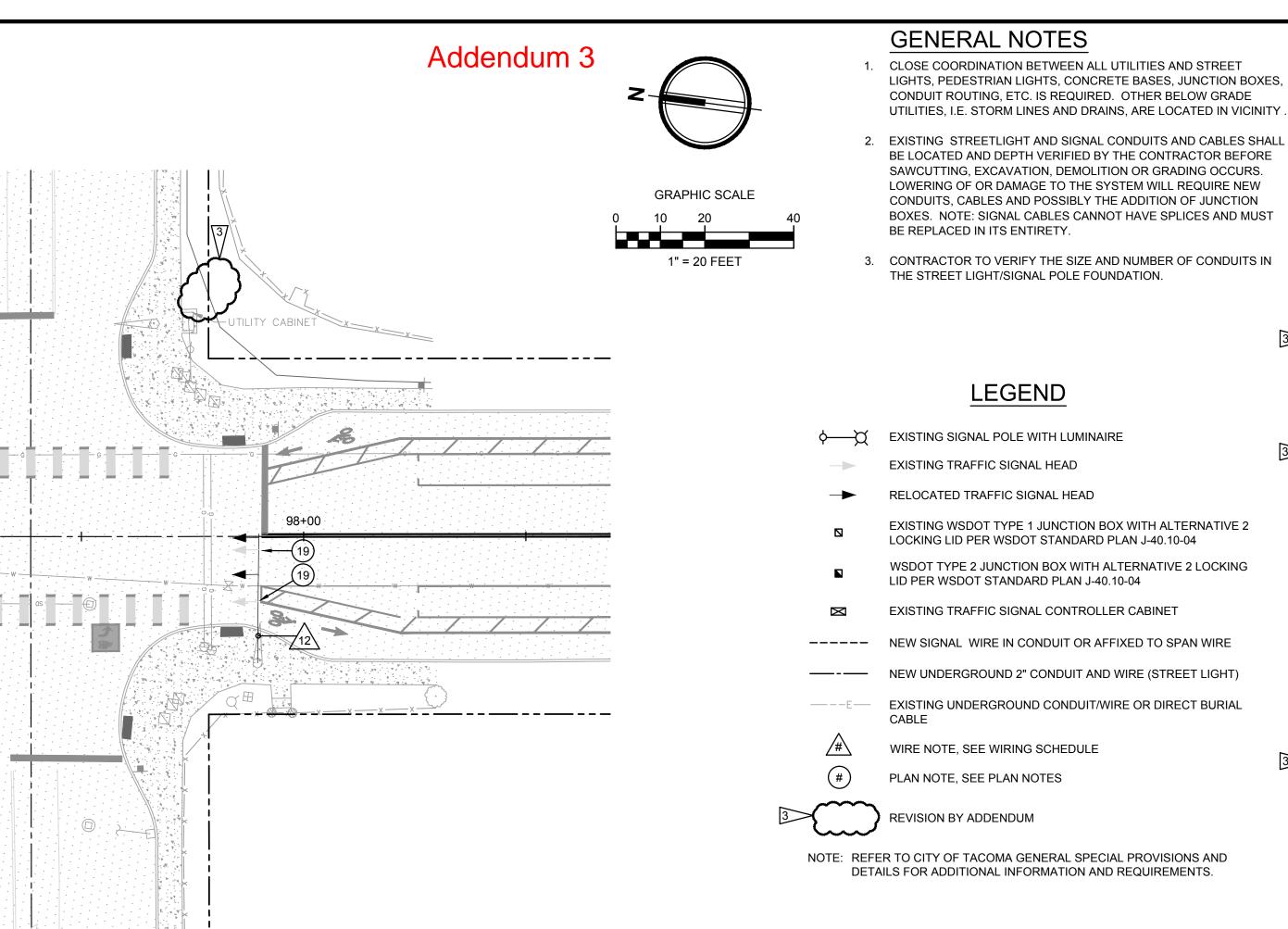




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TACOMA·SEATTLE SPOKANE ·TRI-CITIES 2215 North 30th Street, Suite 300 Tacoma, WA 98403 253.383.2422 TEL 253.383.2572 FAX www.ahbl.com WEB



	(CONDUIT/WIRING	SCHEDULE
RUN NO.	CONDUIT	WIRE	COMME
$\underline{\land}$	SEE COMMENTS	2#8	DIRECT BURIED HIGH VO STREETLIGHT CABLE
	2"	2#8 & 1#8 GROUND	
3	2"	2#8 & 1#8 GROUND	JUNCTION BOX TO RRFE
4	1"	2C & 1#8 GROUND	JUNCTION BOX TO SING
<u> </u>	1"	4C & 1#8 GROUND	JUNCTION BOX TO SIGN TO SIGNAL CABINET VIA
6	(3) 2"	(4) SETS OF 5C & 1#8 GROUND	JUNCTION BOX TO SIGN
\triangle	1-1/4"	(4) SETS OF 5C	JUNCTION BOX TO SIGN
8	2"	(4) SETS OF 5C	JUNCTION BOX TO SIGN
<u>_9</u>	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO DOUE
10	1"	2-2C & 1#8 GROUND	JUNCTION BOX TO SIGN
<u>/11</u>	2"		PULL CORD
12	SEE COMMENTS	2-5C	SIGNAL TRAFFIC HEAD T EXISTING SPAN WIRE/CC
13	SEE COMMENTS		EXISTING TRAFFIC SIGN CABLE
	2"	2-2C	PPB JUNCTION BOX TO F SIGNAL CABINET

					FINAL CONSTRUCTION CHECKED	date 3/7/2024	scale AS SHOWN	COLBY AND SOLO	
					BY	DESIGNED DPH	CHECKED JCM		
, (CHANNELIZATION AND ELECTRICAL CHANGES	3/7/24		DATE	drawn DPH	FILE NAME 2160917.14		DocuSigned by:
-		R E V I S I O N	DATE	APPD	FIELD BOOKS			GISTER UNIT	Jack Meluser
	NO	REVISION		APPU				3/7/24	igineering division manager

3

3

3

4, FOR ADDITIONAL INFORMATION AND REQUIREMENTS. (12) EXISTING JUNCTION BOX TO BE REMOVED AND REPLACED WITH NEW TO FACILITATE GRADE CHANGES. SEE CIVIL DEMO PLAN. SOLAR POWERED RRFB AND NEW CONCRETE FOUNDATION. \sim (14) EXISTING FLASHING BEACON EQUIPMENT TO BE DISCONNECTED AND REMOVED. CUT ANCHOR BOLTS AND CONDUITS FLUSH TO GRADE. FILL/SEAL OFF CONDUITS. ENTS (15) STREETLIGHT HIGH VOLTAGE DIRECT BURIED CABLE, DEPTH AND VOLTAGE LOCATION SHALL BE VERIFIED BY CONTRACTOR BEFORE EXCAVATION, TYPICAL. CABLE SHALL BE REMOVED IN AREAS WHERE NEW WORK IS PROVIDED. (16) EXISTING STREET LIGHT/SIGNAL CABINET. PROVIDE EQUIPMENT WITHIN CABINET FOR ADDED ACCESSIBLE PEDESTRIAN SIGNALS TO OPERATE. WORK WITH CITY CREWS FOR REQUIRED CONNECTIONS. TRAFFIC SIGNAL/STREETLIGHT SHOP (253) 591-5287. IGLE PPB (17) EXISTING SIGNAL INTERCONNECT CONDUIT AND CABLE. CONTRACTOR NAL POLE THEN TO VERIFY DEPTH AND LOCATION. IF DAMAGED, POSSIBLE CABLE A EXISTING SPAN WIRE REPLACEMENT MAY BE BETWEEN MLK JR WAY AND YAKIMA AVE. (18) RELOCATE EXISTING TRAFFIC SIGNAL HEAD TO NEW LOCATION AS NAL CABINET SHOWN TO ALIGN WITH ROADWAY REVISIONS. SEE CITY OF TACOMA STANDARD PLAN TS-14. PROVIDE NEW CABLE AND CONNECTIONS TO SIGNAL CABINET. NAL POLE (19) RELOCATE EXISTING TRAFFIC SIGNAL HEAD TO NEW LOCATION AS NAL POLE SHOWN TO ALIGN WITH ROADWAY REVISIONS. SEE CITY OF TACOMA STANDARD PLAN TS-14. PROVIDE ASTROBRAC'S MOUNTED TO EXISTING TENON. PROVIDE NEW CABLE AND CONNECTIONS TO SIGNAL CABINET. JBLE PPB (20) LOCATE AND INTERCEPT EXISTING CONDUITS AT SIGNAL POLE NAL POLE FOUNDATION AND UTILIZE FOR WIRE/CABLE RUNS NOTED. <u>______</u> (21) EXISTING STREET LIGHT. DISCONNECT AND REMOVE DIRECT BURY WIRING FROM STREET LIGHT TO NEW JUNCTION BOX AND PROVIDE NEW 3 TO SIGNAL CABINET VIA CONDUIT AND WIRE AS SHOWN. COMPLETE CONNECTIONS AT STREET CONDUIT LIGHT FOR COMPLETE OPERATION. NAL INTERCONNECT (22) EXISTING JUNCTION BOX TO REMAIN AND BE RE-USED FOR CONNECTION OF STREET LIGHT CONDUITS AND WIRING AS SHOWN. PPB JUNCTION BOX TO 23 SOLAR POWERED RRFB. EXISTING CONCRETE FOUNDATION TO BE RE-USED. FINAL DESIGN ROJECT NO. CITY OF TACOMA PKW-G0057 PARTMENT OF PUBLIC WORKS HBL JOB NO. J STREET BICYCLE BOULEVARD PROJECT 2160917.14

ELECTRICAL PLAN

S 25TH ST

SHEET NO. EL-12

SHEET 107 OF 137

PLAN NOTES

TS-08.

JUNCTION BOX.

TO NEW JUNCTION BOX.

(NOT ALL PLAN NOTES USED ON EVERY SHEET)

(1) PROVIDE WSDOT TYPE 2 JUNCTION BOX WITH LOCKING LID TO

INTERCEPT EXISTING STREET LIGHT DIRECT BURIED CABLE.

SHOP (253) 591-5287. LABEL JUNCTION BOX LID WITH SYSTEM

LETTERS "LT". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(3) RECTANGULAR RAPID FLASHING BEACON (RRFB) WITH PEDESTRIAN

(4) REMOVE EXISTING STREET LIGHTING JUNCTION BOX TO FACILITATE

NEW CONSTRUCTION. SEE PLAN NOTE 1 FOR LOCATION OF NEW

(5) LOCATE EXISTING STREET LIGHT DIRECT BURIED WIRING AND RE-ROUTE

PUSH BUTTON AND NEW CONCRETE FOUNDATION. PROVIDE AND

RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-11 FOR

(2) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

(6) PROVIDE WSDOT TYPE 1 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

ADDITIONAL INFORMATION AND REQUIREMENTS.

4, FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

LETTERS "TS". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(7) POLE MOUNT SINGLE PEDESTRIAN PUSH BUTTON (PPB). PROVIDE AND

(8) PEDESTRIAN PUSH BUTTON (PPB) MOUNTED ON EXISTING SIGNAL POLE.

PROVIDE AND COMPLETE INTERNAL WIRING PER MANUFACTURERS

(9) REMOVE EXISTING STREET LIGHTING JUNCTION BOX TO FACILITATE NEW CONSTRUCTION, TYPICAL 3 THIS LOCATION. SEE SHEET EC-03.

PLAN NOTES 1 AND 10 FOR LOCATION OF NEW JUNCTION BOXES.

(10) PROVIDE WSDOT TYPE 2 JUNCTION BOX WITH LOCKING LID.

COMPLETE INTERNAL WIRING PER MANUFACTURERS

LETTERS "TS". SEE CITY OF TACOMA STANDARD PLAN TS-08.

(11) POLE MOUNT DOUBLE PEDESTRIAN PUSH BUTTON (PPB). PROVIDE AND

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RECOMMENDATIONS. SEE DETAIL ON CIVIL DETAIL SHEET DT-12, DETAIL

JUNCTION BOX. LABEL JUNCTION BOX LID WITH SYSTEM IDENTIFICATION