

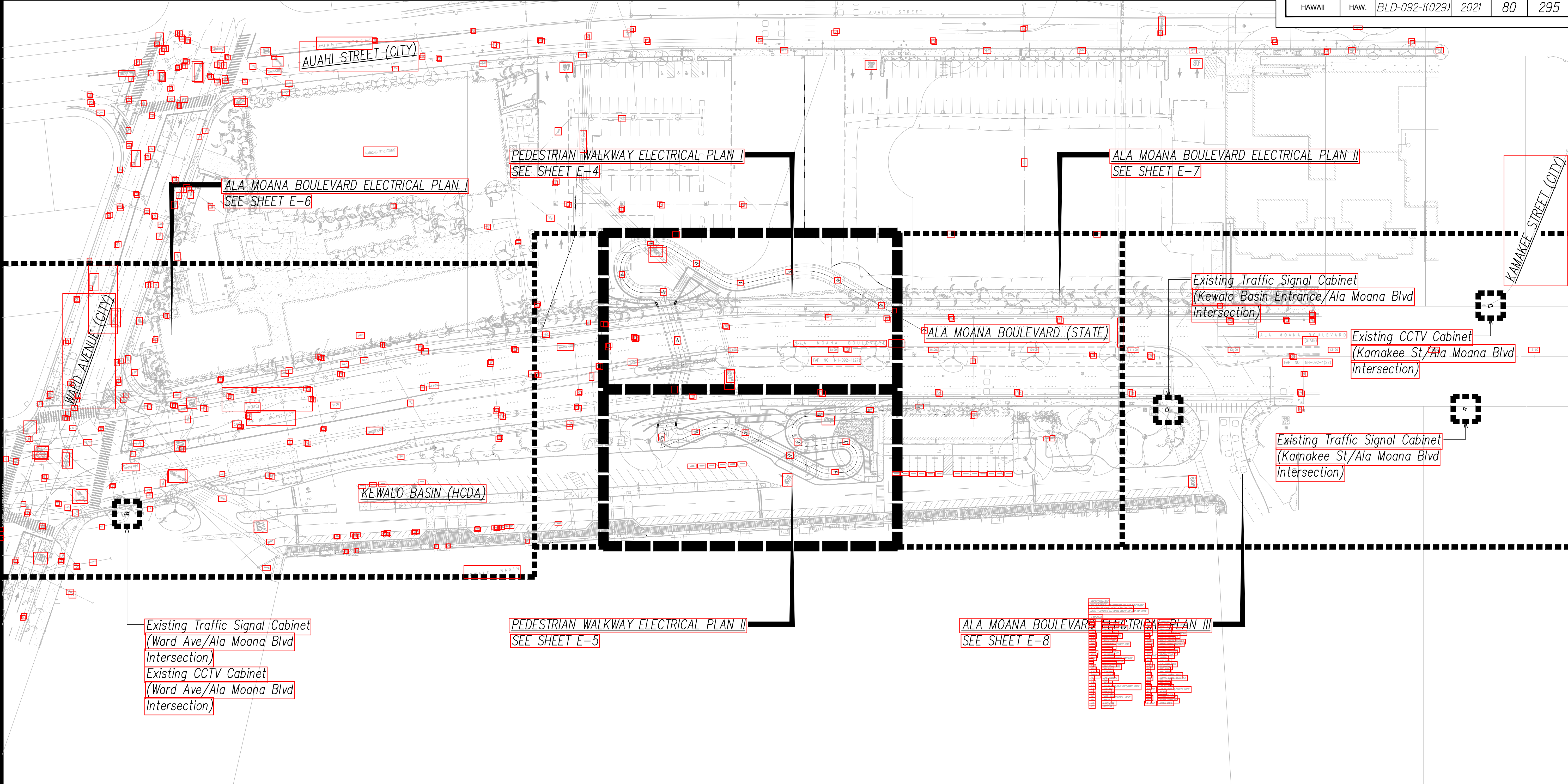
ELECTRICAL SYMBOLS		
SYMBOL		DESCRIPTION
EXST	NEW	
		Decorative Type "B" Highway Light Standard (Single Arm)
		Decorative Type "B" Highway Light Standard (Dual Arms)
		Relocate Exst Light Standard, Demolish
		Exst Conc. Base 3 Ft. Below Finish Grade & Backfill Pit To 95% Compaction Unless Indicated Otherwise. Repair Pavement To Match Exst.
		Remove Exst Light Standard, Demolish
		Exst Conc. Base 3 Ft. Below Finish Grade & Backfill Pit To 95% Compaction Unless Indicated Otherwise. Repair Pavement To Match Exst.
		Pedestrian Walkway Pole Light Standard
		Pedestrian Walkway Wall Recessed Light
		Kewalo Basin Street Light Standard
		Exst HECO Underground Ductline
		Exst HT Underground Ductline
		Exst CATV Underground Ductline
		Exst Signal Corps Underground Cable
		Remove Exst Highway Lighting Ductline & Wiring
		State Highway Lighting Underground Ductline
		Remove Exst Traffic Signal Ductline & Wiring
		Traffic Signal Underground Ductline
		HDOT Communications Underground Ductline
		Remove Exst Kewalo Basin Lighting Ductline & Wiring
		Kewalo Basin Lighting Underground Ductline
		State Highway Lighting Conduit
		Private Security Conduit
		Conduit Homerun To Remote Driver Indicated
		CCT

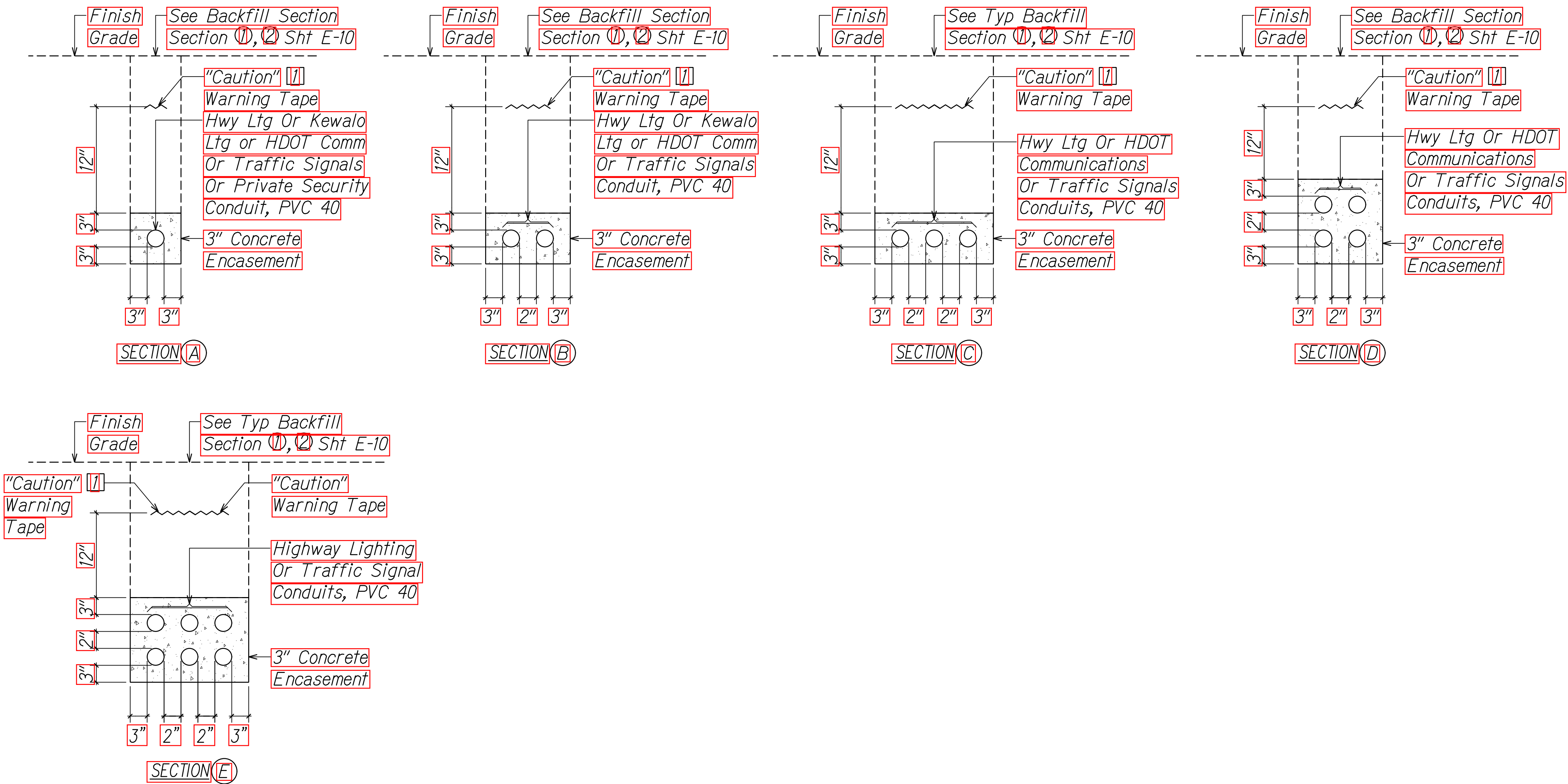
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	79	295

DEPARTMENT OF TRANSPORTATION SERVICES (DTS)
TRANSPORTATION TECHNOLOGY DIVISION NOTES:

1. The Contractor Shall Notify The Transportation And Technology Division, Department Of Transportation Services, Three (3) Working Days Prior To Commencing Work On The Traffic Signal System (Phone: 768-8387).
2. The Traffic Signal System Shall Be Kept Operational During Construction. Any Relocation Required Shall Be Approved By The Transportation Technology Division, Department Of Transportation Services, And Paid For By The Contractor.
3. The Contractor Shall Be Responsible For Any Damages To Existing Traffic Signal Facilities, Including But Not Limited To The Traffic Signal Fiber Optic Cable System, And Interconnect System. Any And All Damages To The Facilities Shall Be Repaired By The Contractor At His Cost In Accordance With The Requirements Of The Transportation Technology Division, Department Of Transportation Services. Replace Dam

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	80	295

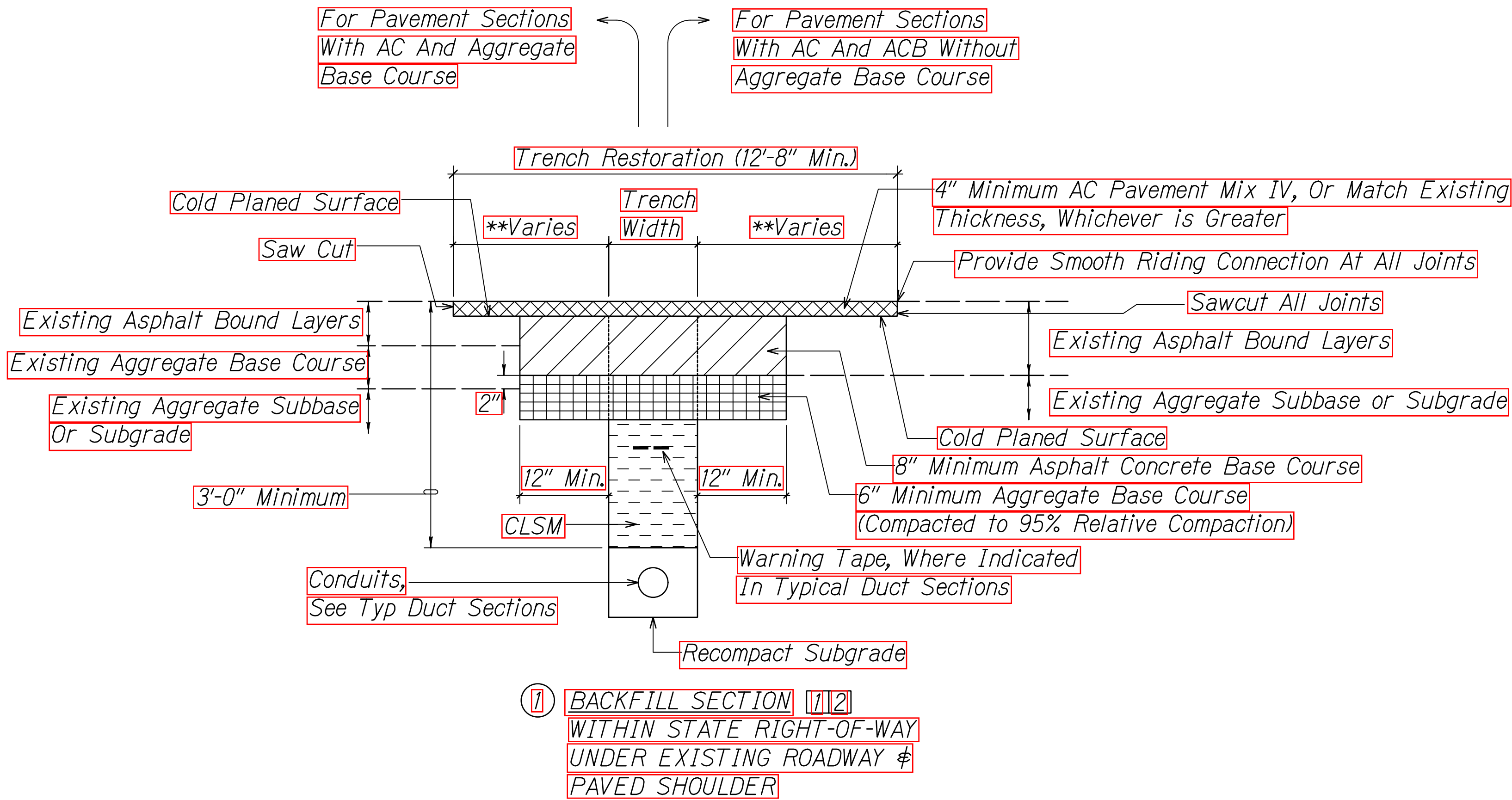




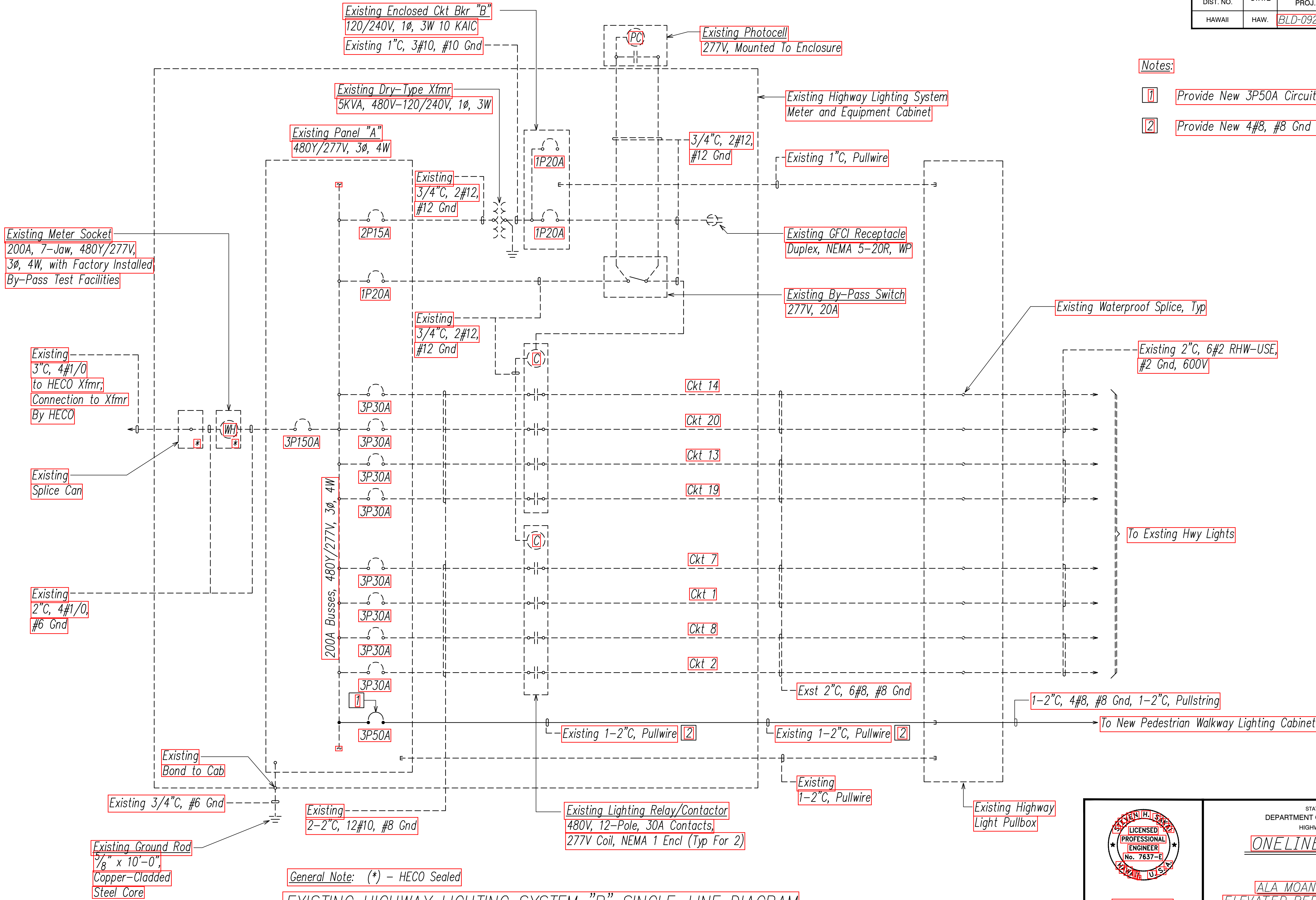
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	87	295

** Notes For Backfill Section ①

1. If Trench Aligned Transverse To Direction Of Travel, Sawcut 6 Feet On Each Side Of Trench.
2. If Trench Aligned Along Direction Of Travel, Sawcut To Edge Of Lane In Which Edge Of Trench Is Located.
3. Smoothness Of Paved Surfaces:
The Distance From The Paved Surface To The Testing Edge Of A Ten-foot Straight Edge Between Two Points Of Contact Shall Not Exceed 3/16".

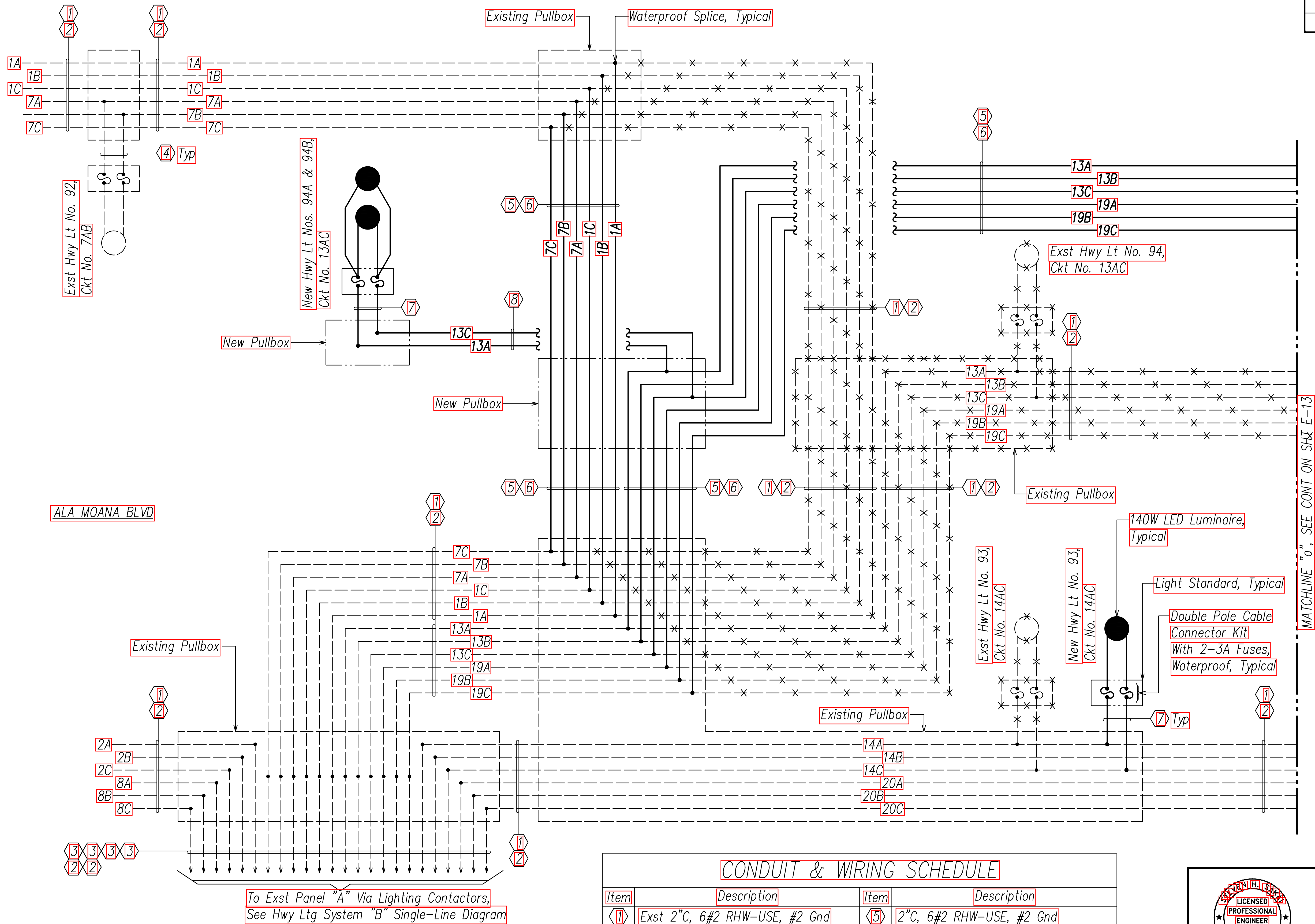


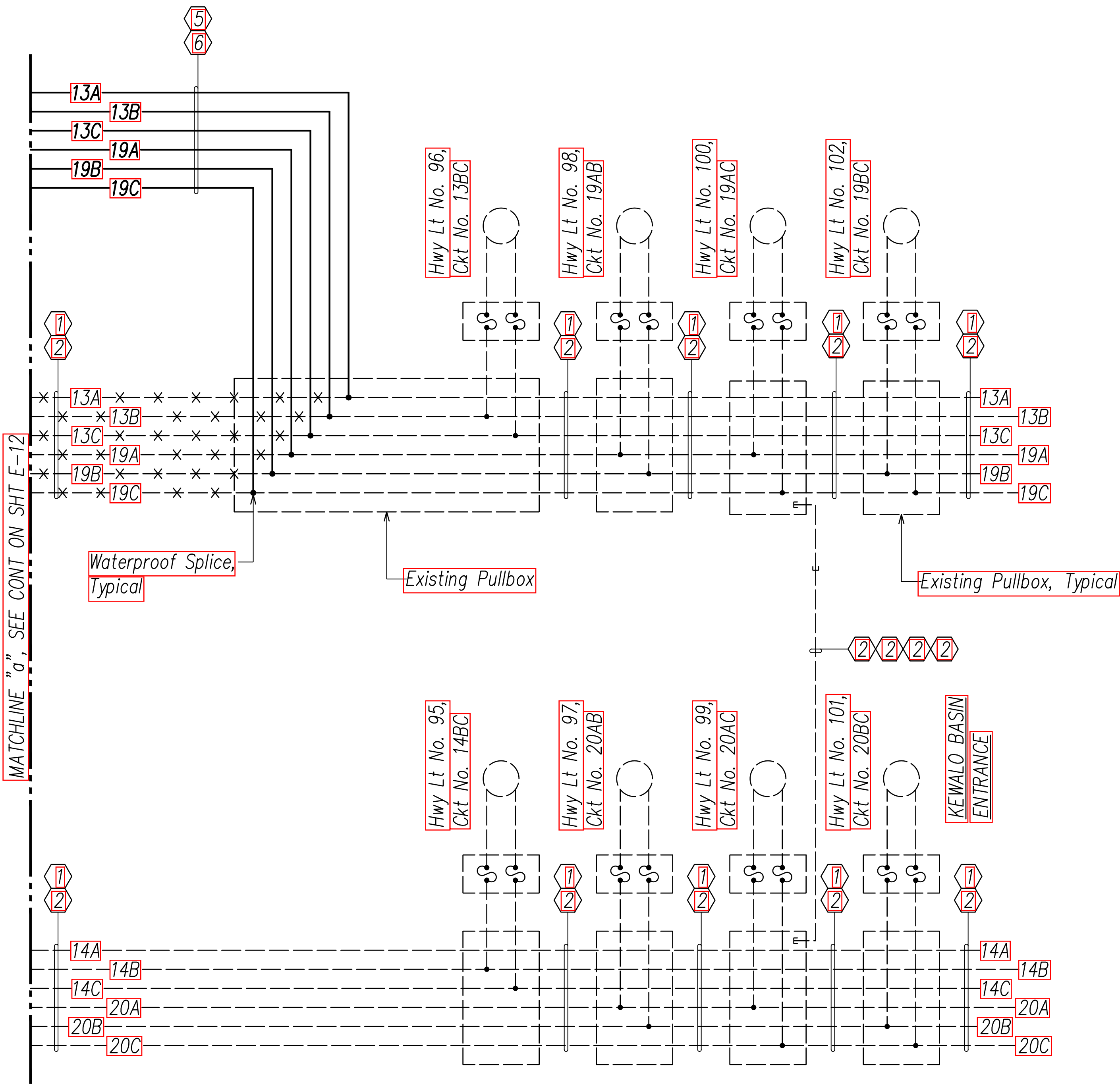
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	88	295



General Notes:

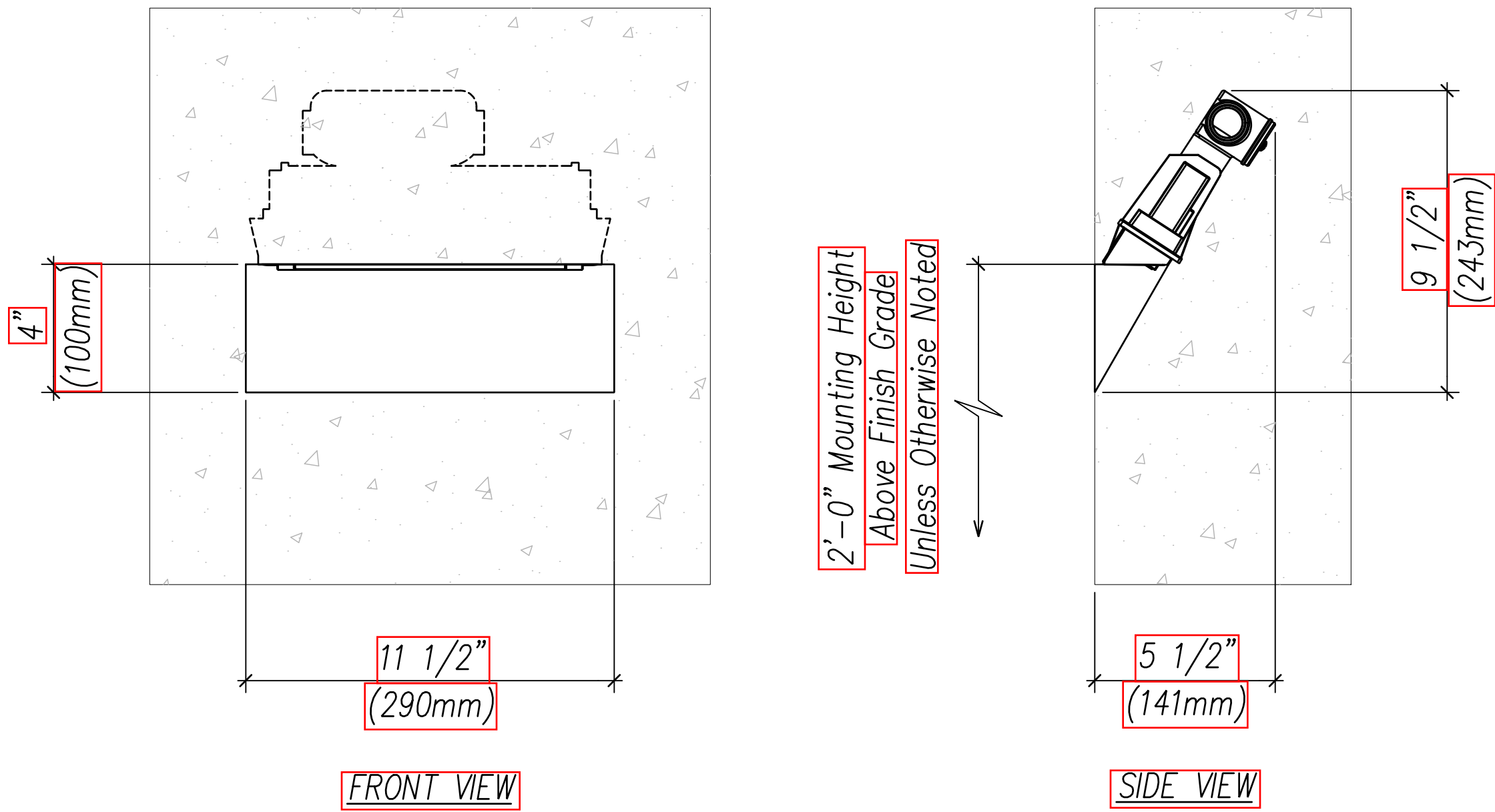
- For Typical Highway Light Connection Diagram & Additional Diagram Notes, See Sheet E-14.
- "X" Through Symbol Indicates Item To Be Removed By Contractor.





General Notes:

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	98	295



FRONT VIEW

SIDE VIEW

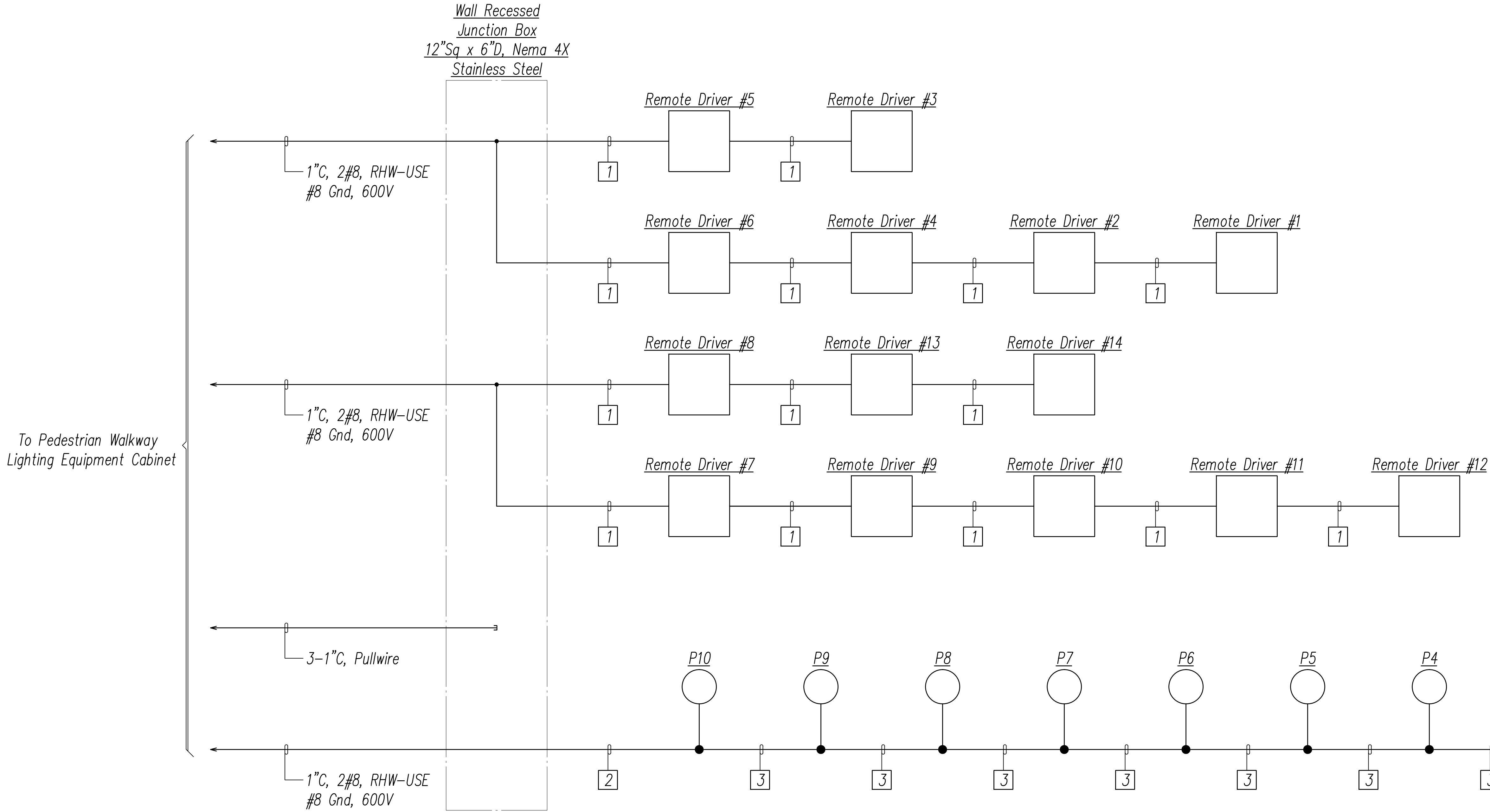
LED Driver Specifications:

LED Driver:
FULHAM T1M1UNV024-150L Or Approved Equal

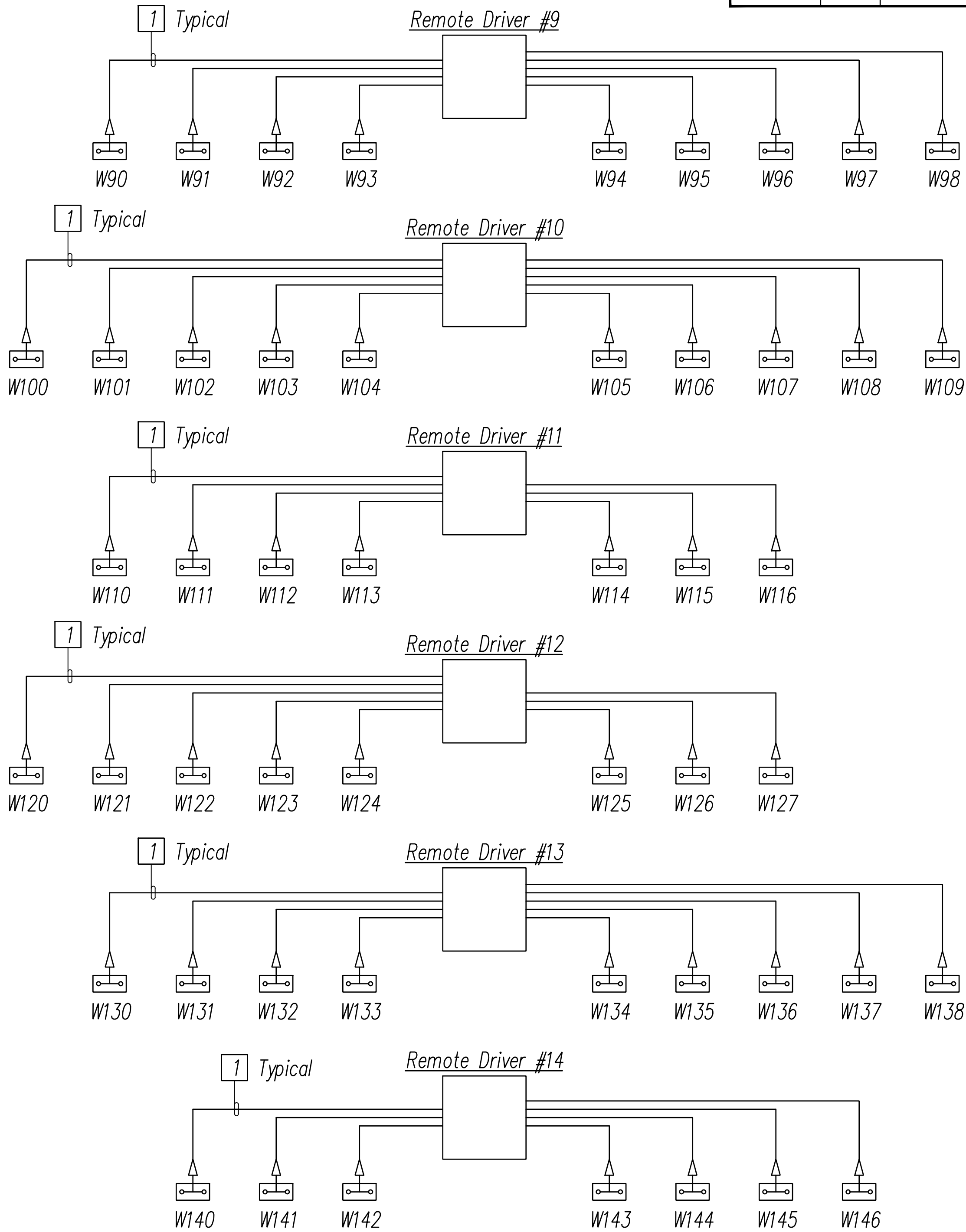
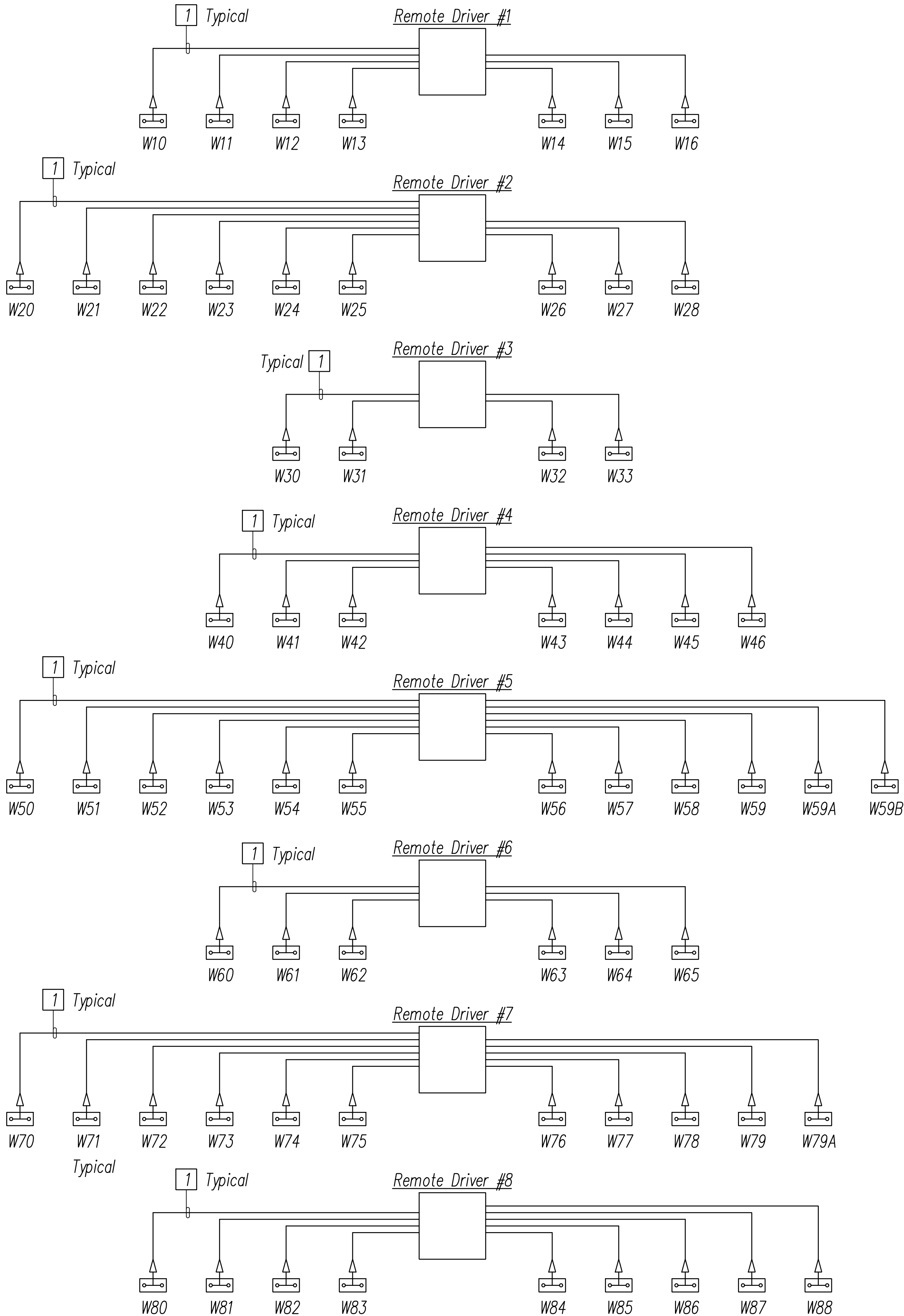
Description:
24V, 150W Constant Voltage LED Driver With 0-10V Dimming. Universal Input Range Of 100-277VAC. One 24V Independent, Constant Voltage Output Channel.

Electrical Data	
Input Voltage	100-277VAC, 50/60Hz

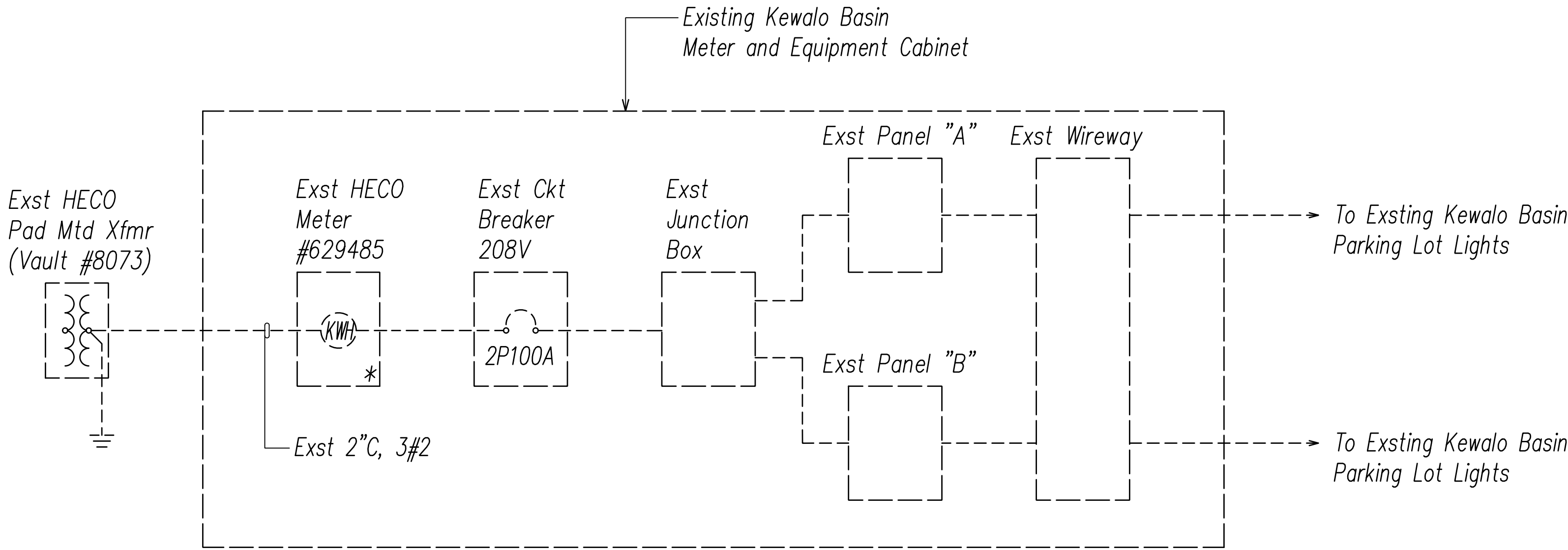
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	101	295



FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	102	295



FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(K029)	2021	103	295



FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	104	295

