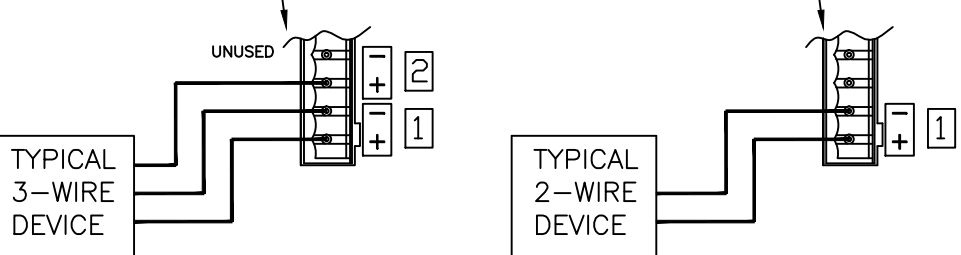
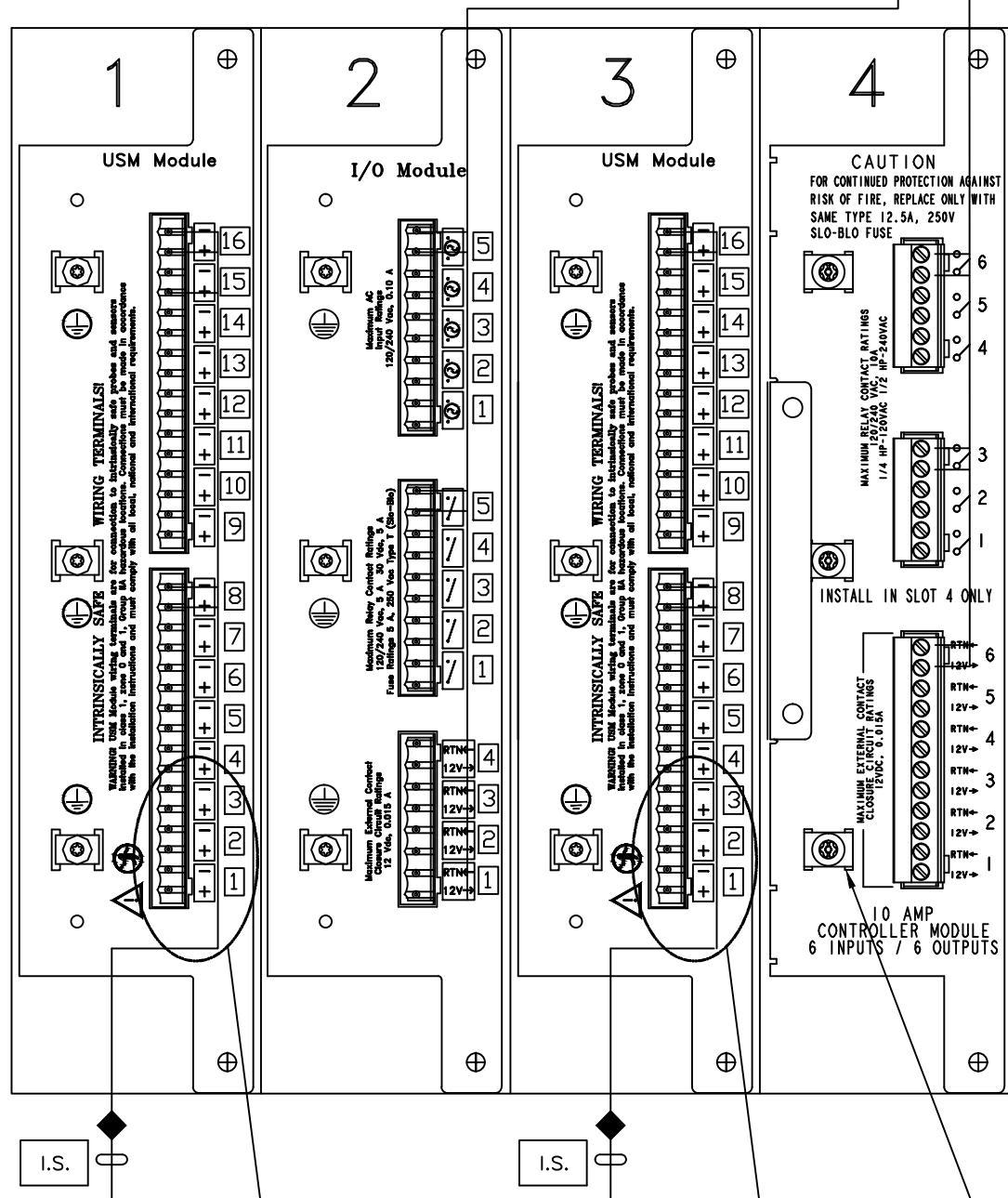


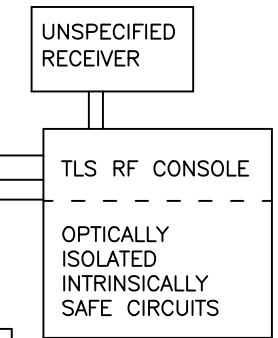
INTRINSICALLY SAFE SYSTEM

NON-HAZARDOUS LOCATION
ASSOCIATED APPARATUS

TLS-450/450 PLUS CONSOLE
0°C ≤ Ta ≤ 40°C

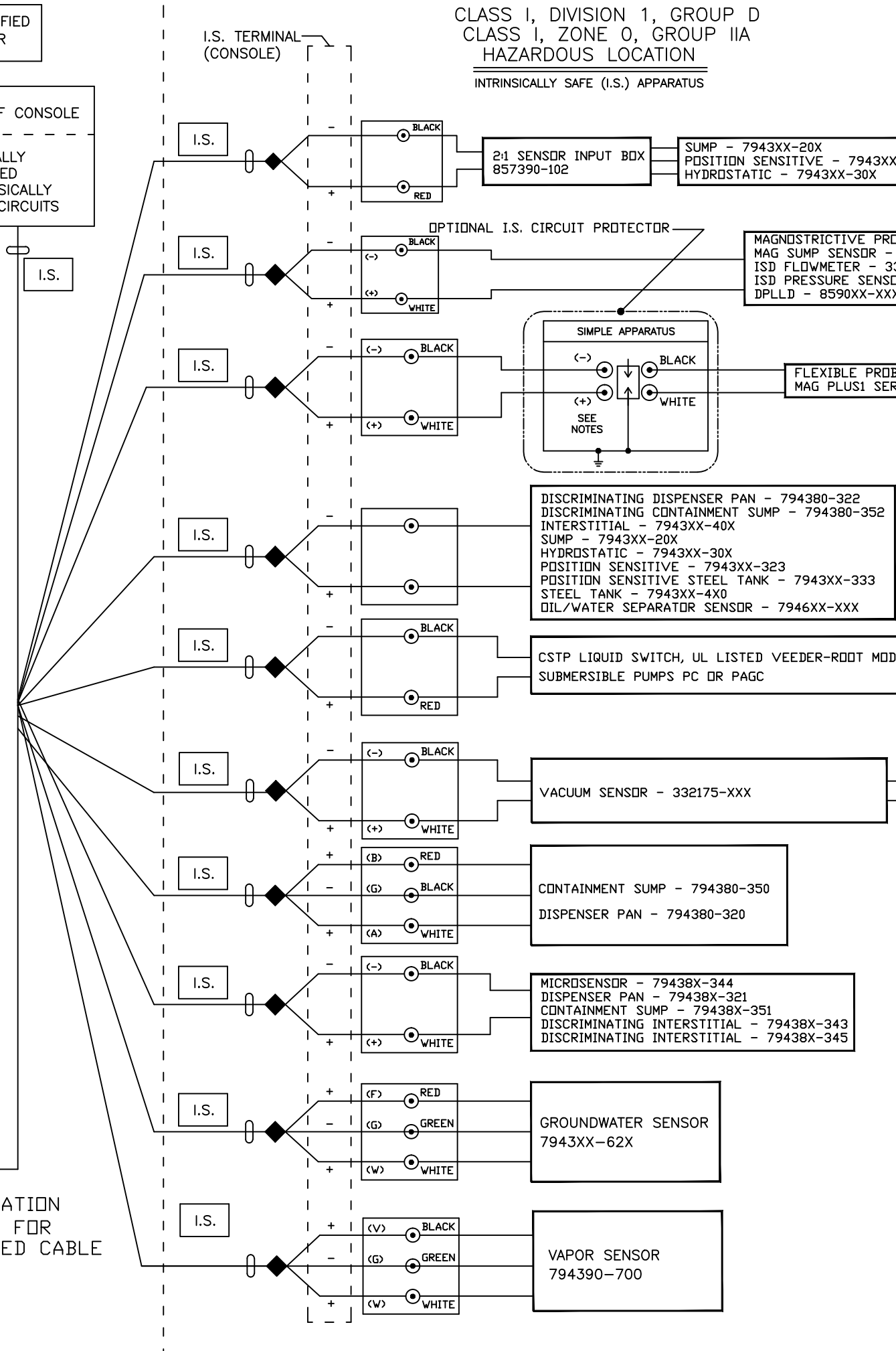


TERMINATION POINTS FOR SHIELDED CABLE



UNSPECIFIED EQUIPMENT
SEE SHEET 2

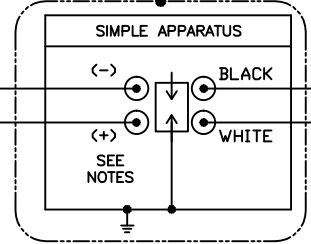
CLASS I, DIVISION 1, GROUP D
CLASS I, ZONE 0, GROUP IIA
HAZARDOUS LOCATION
INTRINSICALLY SAFE (I.S.) APPARATUS



2:1 SENSOR INPUT BOX
857390-102

SUMP - 7943XX-20X
POSITION SENSITIVE - 7943XX-323
HYDROSTATIC - 7943XX-30X

MAGNETOSTRICTIVE PROBES - 84639X-XXX, 85639X-XXX
MAG SUMP SENSOR - 857080-XXX
ISD FLOWMETER - 331847-XXX, 332374-XXX
ISD PRESSURE SENSOR - 861190-XXX
DPLLD - 8590XX-XXX



FLEXIBLE PROBE:
MAG PLUS1 SERIES - 88959X-XXX

DISCRIMINATING DISPENSER PAN - 794380-322
DISCRIMINATING CONTAINMENT SUMP - 794380-352
INTERSTITIAL - 7943XX-40X
SUMP - 7943XX-20X
HYDROSTATIC - 7943XX-30X
POSITION SENSITIVE - 7943XX-323
POSITION SENSITIVE STEEL TANK - 7943XX-333
STEEL TANK - 7943XX-4X0
OIL/WATER SEPARATOR SENSOR - 7946XX-XXX

CSTP LIQUID SWITCH, UL LISTED VEEDER-ROOT MODELS
SUBMERSIBLE PUMPS PC OR PAGC

VACUUM SENSOR - 332175-XXX

FLOAT SWITCH

CONTAINMENT SUMP - 794380-350
DISPENSER PAN - 794380-320

MICROSENSOR - 79438X-344
DISPENSER PAN - 79438X-321
CONTAINMENT SUMP - 79438X-351
DISCRIMINATING INTERSTITIAL - 79438X-343
DISCRIMINATING INTERSTITIAL - 79438X-345

GROUNDWATER SENSOR
7943XX-62X

VAPOR SENSOR
794390-700

UNLESS OTHERWISE NOTED
I.S. APPARATUS
AMBIENT TEMPERATURE RANGE
-40°C ≤ Ta ≤ 60°C

FOR WIRING NOTES
AND LIMITATIONS
SEE SHEET 2

MAXIMUM WIRE LENGTHS:
3 METERS OR 10 FEET.

LEGEND	
⊙	- DENOTES A FIELD WIRING CONNECTION INSIDE A WEATHERPROOF JUNCTION BOX
◆	- DENOTES A CONDUIT SEAL-OFF
⌋	- DENOTES RIGID CONDUIT
I.S.	- DENOTES INTRINSICALLY SAFE WIRING