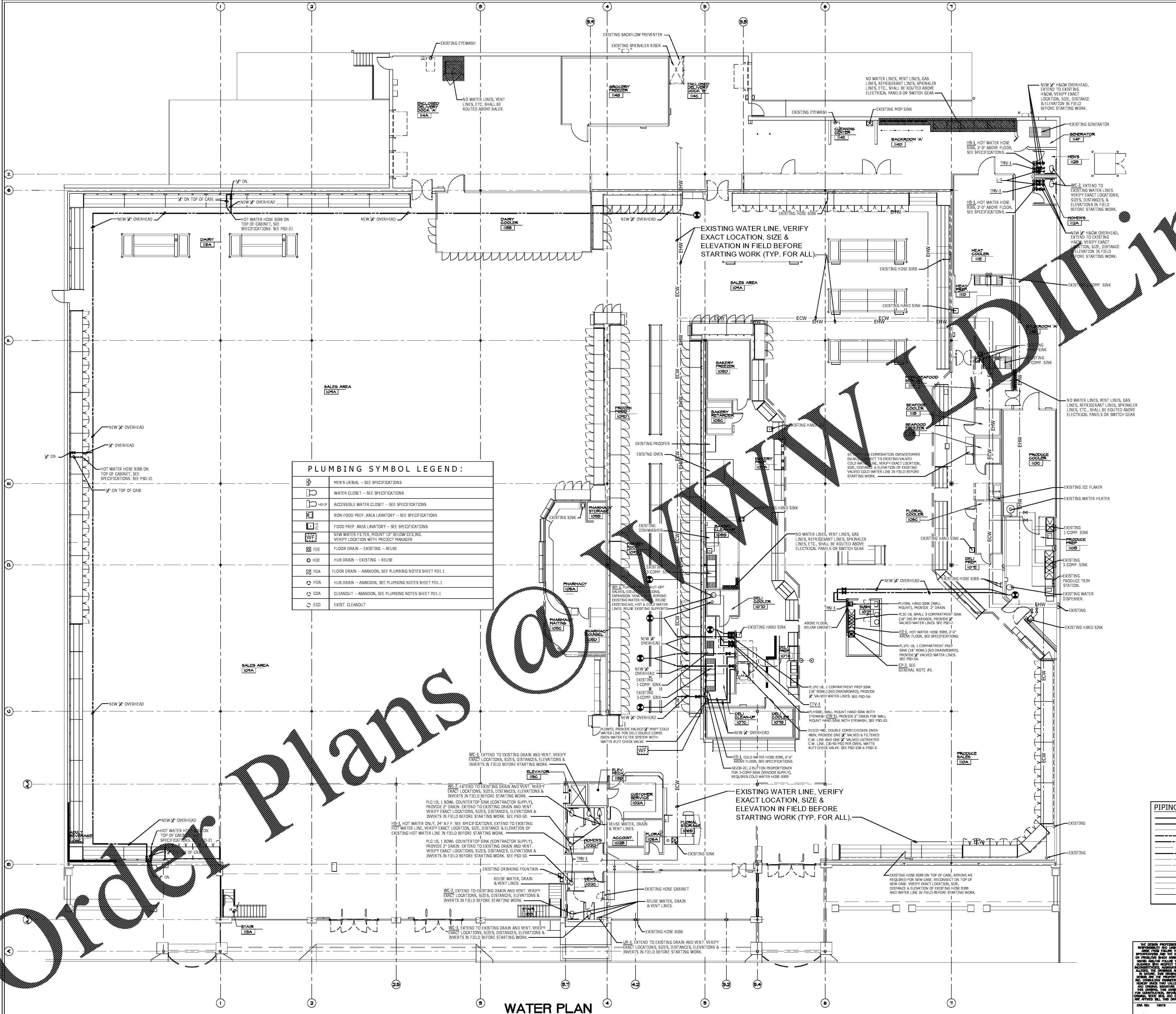

WATER PLAN

SCALE: 3/32" = 1'-0"

PLUMBING SYMBOL LEGEND:

Symbol	Description
	MEN'S URINAL -- SEE SPECIFICATIONS
	WATER CLOSET -- SEE SPECIFICATIONS
HDCP	ACCESSIBLE WATER CLOSET -- SEE SPECIFICATIONS
	NON-FOOD PREP. AREA LAVATORY -- SEE SPECIFICATIONS
PL9	FOOD PREP. AREA LAVATORY -- SEE SPECIFICATIONS
WF	NEW WATER FILTER, MOUNT 12" BELOW CEILING. VERIFY LOCATION WITH PROJECT MANAGER
FDE	FLOOR DRAIN -- EXISTING -- REUSE
HDE	HUB DRAIN -- EXISTING -- REUSE
FDA	FLOOR DRAIN -- ABANDON, SEE PLUMBING NOTES SHEET PD1.1
HDA	HUB DRAIN -- ABANDON, SEE PLUMBING NOTES SHEET PD1.1
COA	CLEANOUT -- ABANDON, SEE PLUMBING NOTES SHEET PD1.1
ECO	EXIST. CLEANOUT

PLUMBING NOTES:

1. PIPING ROUTED IN COOLER OR FREEZER WALLS SHALL NOT BE PERMITTED.
2. PIPING EXPOSED TO SALES AREA SHALL NOT BE PERMITTED.
3. WATER PIPING IN AREAS SUBJECT TO FREEZING TEMPERATURES WILL NOT BE PERMITTED.
4. ALL PLUMBING LINES IN WALL SHALL BE CONCEALED.
5. EXISTING PLUMBING WORK NOT SHOWN ON THIS PLAN TO REMAIN UNCHANGED.
6. PLUMBING WORK SHOWN ON THIS PLAN SHALL BE CONSIDERED NEW, UNLESS NOTED OTHERWISE.
7. EXISTING WATER AND GAS LINES FOR EQUIPMENT NOT BEING REUSED ABOVE CEILING OR BELOW FLOOR, SHALL BE CAPPED OFF. EXISTING UNUSED WATER LINES SHALL BE TRACED THEN CAPPED OFF ABOVE FLOOR BEFORE PENETRATING FLOOR. NO PRESSURIZED LINES SHALL REMAIN BELOW FLOOR. REMOVE ALL UNUSED PIPING IN SALES AREA. EXISTING WATER AND GAS LINES FOR EQUIPMENT NOT BEING REUSED SHALL BE CAPPED OFF ABOVE CEILING WHEN POSSIBLE.
8. WATER LINES ARE TO BE INSTALLED WITH HANGERS SUSPENDED FROM TOP CHORD OF BAR JOISTS. DO NO LAY WATER LINES ON BOTTOM CHORD OF JOISTS.
9. INSTALL VALVES ON ALL WATER LINES AT EACH FIXTURE. VALVES MUST BE IN AN EASILY ACCESSIBLE LOCATION (BELOW FIXTURE IF POSSIBLE). ALL VALVES THAT ARE NOT WITHIN 5' OF FIXTURE AND THAT ARE NOT CLEARLY TRACEABLE TO FIXTURE MUST BE IDENTIFIED WITH AN ALUMINUM TAG IDENTIFYING VALVE USE.
10. INSTALL ZONE SUPPLY VALVES TO SHUT OFF INDIVIDUAL SERVICE AREAS WITHIN STORE (MEAT PREP, PRODUCE PREP, DELI, BAKERY, RESTROOMS, ETC.). ZONE SUPPLY VALVES MUST BE INSTALLED 10'-6" A.F.F. OR IN A WALL BOX WITH AN ACCESS PANEL COVER. ZONE SUPPLY VALVES MUST BE IDENTIFIED WITH AN ALUMINUM TAG IDENTIFYING VALVE USE. (NEW WORK).
11. A UNION IS TO BE INSTALLED WITHIN 6" OF EACH PIECE OF EQUIPMENT. PLUMBING CONTRACTOR SHALL MAKE FINAL CONNECTIONS.
12. PLUMBING CONTRACTOR SHALL MAKE FINAL WATER CONNECTIONS TO THE FOLLOWING OWNER SUPPLIED EQUIPMENT: COFFEE MAKER, COMBI-OVEN, ETC.
13. BACKFILL FOR ALL PLUMBING TRENCHES SHALL BE GRANULAR (CRUSHED STONE) AND SHALL BE ...
14. ... A CUT-OFF VALVE WHERE ... ARE REQUIRED ... CONNECTION TO FIXTURES.
15. LOCATE ELECTRIC, PLUMBING AND REFRIGERATION LINES IN ONE QUADRANT OR ONE HALF OF THE CASE IN LIEU OF DIFFERENT ENDS OR CORNERS OF THE CASE.
16. NO SURFACE MOUNTED WATER OR VENT LINES PERMITTED EXPOSED IN PREP ROOM.
17. ALL PIPE DROPS IN SALES AREA FROM ROOF TO LOW WALLS OR EQUIPMENT SHALL BE COORDINATED AND GROUPED TOGETHER WITH ... MECHANICAL PIPES.
18. ... PHASING PLAN (BY ARCHITECT) AND INCLUDE ANY WORK ... FOR TEMPORARY EQUIPMENT LOCATION.
19. ALL NEW PIPING, ETC., TO BE RUN AT BAR JOIST & PAINT.
20. RUN PIPES IN WARM SPACE OUTSIDE INSULATED WALL PANELS, STUB THRU WALLS INSIDE PREP ROOM.
21. DO NOT ROUTE WATER LINES DOWN COLUMNS WHERE THEY WILL BE EXPOSED TO POSSIBLE DAMAGE FROM TRAFFIC DOWN TO ABOVE TALL CASE OR WITHIN ISLAND SHOPS, WHERE THEY ARE ENCLOSED BY ISLANDS, WILL BE ALLOWED.
22. INSTALL A BENT METAL PLATE OVER EXPOSED VENT LINES IN LOCATIONS WHERE THEY MAY BE SUBJECT TO DAMAGE.
23. IPC 605.2: PIPE AND PIPE FITTINGS, INCLUDING VALVES AND FAUCETS IN THE WATER SUPPLY SYSTEM SHALL HAVE A MAXIMUM OF 8% LEAD CONTENT. SOLDERS AND FLUXES SHALL HAVE A LEAD CONTENT NOT GREATER THAN 2%.
24. IT IS MANDATORY THAT THIS CONTRACTOR SHALL VISIT JOB SITE FOR VISUAL INSPECTION BEFORE BID DATE.

GAS WATER HEATER SCHEDULE

DESIGNATION	WH-1
GALLON CAPACITY	80
BTUH	199,999
VOLTAGE	120/1/60
G.P.H. RECOVERY @ 100 DEG. F. RISE	194
MANUFACTURER	LOCHINVAR
MODEL NUMBER	CGN200-080
PNET #	K-0002409
SHIPPING WEIGHT	470 LBS.

NOTES:
1. PROVIDE ASME T&P RELIEF VALVE, EXTEND TO NEAREST HUB/FLOOR DRAIN OR MOP SINK WITH (2) PIPE DIA. AIR GAP.
2. National Account Primary Contact: Paul Rice aprice@lochinvar.com Ph: 615-889-8901 ext. 2353 Fax: 615-882-2964
3. See specifications for purchasing information.
4. ALL WATER HEATERS DIRECT BUY - OWNER SUPPLIED and CONTRACTOR INSTALLED.

RECIRCULATION PUMP SCHEDULE	CP-1	CP-2
HORSEPOWER	NOT USED	14 WATTS
VOLTAGE	NOT USED	120/1/60
MANUFACTURER	NOT USED	Autocirc1
MODEL NUMBER	NOT USED	ACT-303-BTW

POINT OF CONNECTION

(symbol) = POINT OF CONNECTION FOR NEW PIPING. CONNECT NEW PIPING TO EXISTING PIPING, VERIFY EXACT SIZE, LOCATION, DISTANCE & ELEVATION IN FIELD BEFORE STARTING WORK.

GENERAL NOTES:

1. PLUMBING CONTRACTOR SHALL ROUTE LOOP PIPING AS CLOSE AS POSSIBLE TO LOADS IN ORDER TO MINIMIZE PIPE LENGTH AND IN TURN MINIMIZE THE LENGTH OF TIME IT TAKES HOT WATER TO REACH PLUMBING FIXTURES
2. INSULATE ALL HOT WATER PIPING, & COLD WATER PIPING IN UNCONDITIONED AREAS, SUCH AS DOCKS & ABOVE CEILINGS, PER SECTION 22 07 3.3 OF SPECS.
3. ROUTE ALL WATER LINES GIVING CONSIDERATION TO POSSIBLE FUTURE ACCESS REQUIRED.
4. ISLAND DEPARTMENTS SUCH AS SUSHI OR CHEESE WITH LAVS, SINKS ETC., REQUIRE HOT AND COLD WATER LINES. THESE LINES SHALL BE ROUTED AS DIRECTLY AS POSSIBLE.
5. REMOTE HOT WATER CIRCULATING PUMP, CP-2, INSTALL PER MANUFACTURERS INSTRUCTIONS. PUMP REQUIRES A 115 VOLT G.F.I. ELECTRIC OUTLET. SEE CP-2 DETAIL, SHEET P5.1

NOTE
SEE SHEET PD1.1 FOR DEMOLITION PLAN.

PIPING LEGEND:

Line	Description
GW	= NEW GREASE PIPING
	= NEW SEWER PIPING
ES	= EXIST. SEWER PIPING
T	= NEW TEMPERED WATER PIPING
	= NEW COLD WATER PIPING
EGW	= EXIST. GREASE WASTE PIPING
	= NEW HOT WATER PIPING
EHWR	= EXIST. HOT WATER RETURN
ECW	= EXIST. COLD WATER PIPING
EHW	= EXIST. HOT WATER PIPING
NG	= NEW NATURAL GAS PIPING
ENG	= EXIST. N.G. PIPING
VPE	= EXIST. VENT PIPING
—X—X—X—	= PIPING TO BE ABANDONED. SEE DEMOLITION NOTES, SHEET PD1.1

THE DESIGN PROFESSIONAL WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR PROBLEMS WHICH ARISE FROM OTHER'S FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC IN NATURE. THIS DRAWING AND ITS CONTENTS AND DESIGN ARE THE PROPERTY OF KELSO-REDEN ASSOC. INC. CONSULTING ENGINEERS, KNOXVILLE, TN. NOTICE IS HEREBY GIVEN THAT UNLESS AN ORIGINAL STATE SEAL AND ORIGINAL SIGNATURE AND DATE ARE AFFIXED TO THIS DRAWING, THIS DRAWING SHALL BE DEEMED NOT FOR CONSTRUCTION, INFORMATION ONLY. ONLY WHEN AN ORIGINAL STATE SEAL AND ORIGINAL SIGNATURE AND DATE ARE AFFIXED WILL THIS DRAWING BE FOR CONSTRUCTION.

KRA NO: 19019
DRAWN BY: DG APPROVED BY: JGC

JGC
Jon G. Crye
Consulting Engineer
201 SHERLAKE LANE SUITE 101
KNOXVILLE, TENNESSEE
37922
PHONE: (865)-588-5348 FAX: (865)-247-0293

D&E DOLLAR &EWERS
ARCHITECTURE, INC.
... E. Jackson Avenue • ... "01"
Knoxville, Tennessee • 37915
phone: 865-546-... • fax: 865-673-9028
e-mail: design@dollar-ewers.com

REGISTERED PROFESSIONAL ENGINEER No. 27201 JONATHAN G. CRYE

Kroger 483 – GA.

NO.	REVISIONS

A With-in-the-Walls Remodel for:

KROGER STORE #GA-483 SNELLVILLE

1670 STATE HWY 124, SUITE 'F', SNELLVILLE, GEORGIA 30078

WATER PLAN

COPYRIGHT
ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF FURNISHED BY DOLLAR & EWERS ARCHITECTURE, INC. ARE AND SHALL REMAIN THE PROPERTY OF DEA, INC. THEY ARE TO BE USED ONLY WITH RESPECT TO THIS PROJECT. PROJECT AND ARE NOT TO BE USED WITH ANY OTHER PROJECT. WITH THE EXCEPTION OF ONE CONTRACT SET FOR EACH PARTY TO THE CONTRACT, SUCH DOCUMENTS ARE TO BE RETURNED OR SUITABLY ACCOUNTED FOR TO DEA, INC. ON REQUEST AT THE COMPLETION OF THE WORK. SUBMISSION DISTRIBUTION TO MEET OFFICIAL REGULATORY REQUIREMENTS OR FOR OTHER PURPOSES IN CONNECTION WITH THE PROJECT IS NOT TO BE CONSTRUED AS PUBLICATION IN DEROGATION DEA'S COMMON LAW COPYRIGHT OR OTHER RESERVED RIGHTS.
COPYRIGHT

ISSUE DATE: MARCH 04, 2019
PROJECT NO.: 219206
SHEET NUMBER: P1.2.1

Order Plans @ WWW.LDIILine.com