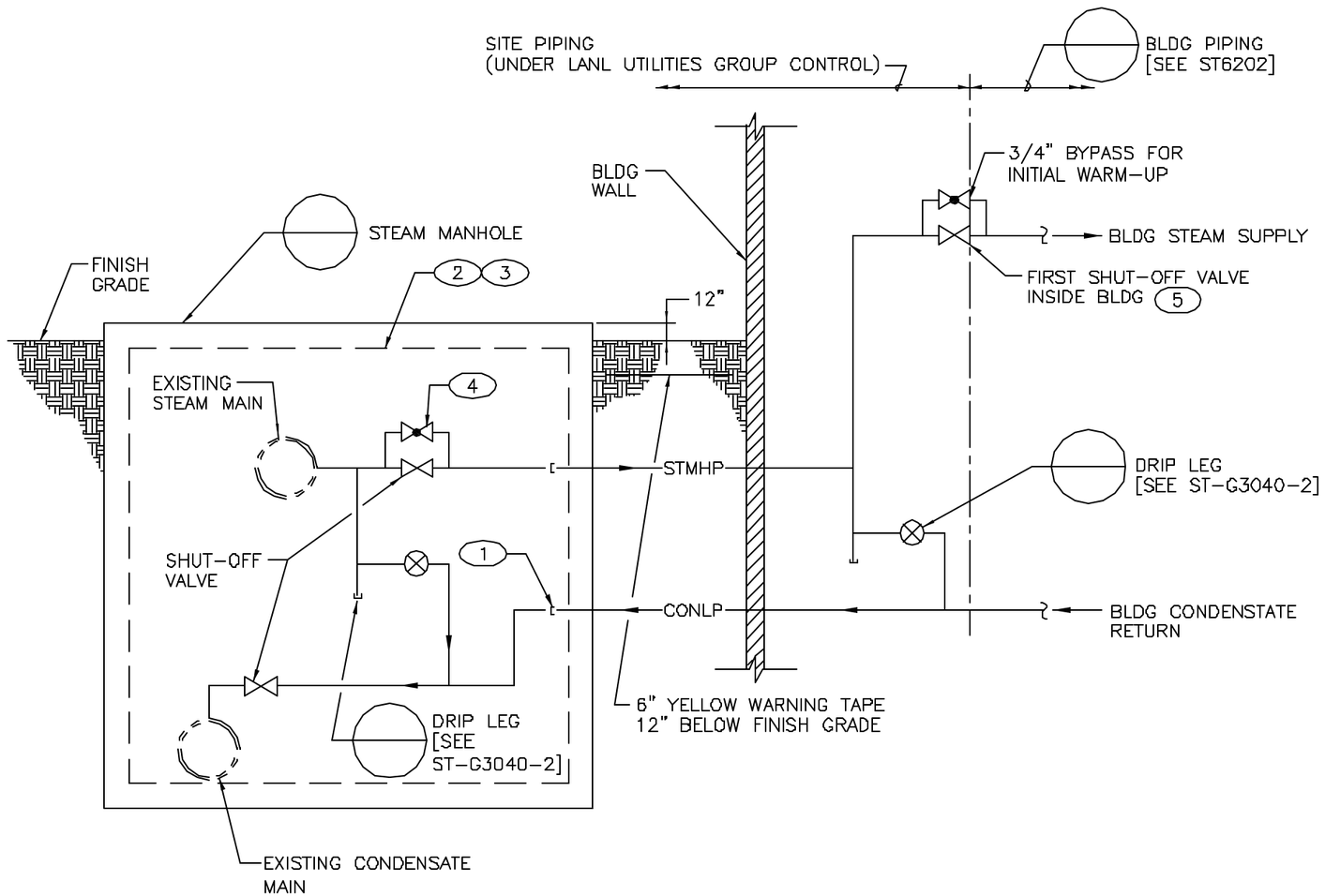

KEYED NOTES:

1. CONTRACTOR SHALL TERMINATE AND CAP PIPING A MINIMUM OF 12" INSIDE STEAM MANHOLE.
2. LANL SUPPORT SERVICES SUBCONTRACTOR (SSS) WILL ASSEMBLE PIPING, VALVES, ETC IN STEAM MANHOLE, AND TIE INTO EXISTING STEAM AND CONDENSATE MAINS (BY CUTTING A TEE SIZED TO MATCH NEW LINES) WITH ALL MATERIALS FURNISHED BY CONTRACTOR.
3. LANL CONSTRUCTION INSPECTOR WILL NOTIFY SSS 2 WEEKS IN ADVANCE TO SCHEDULE TIE-IN AND INSTALLATION OF STEAM MANHOLE PIPING, VALVES, ETC. LANL CONSTRUCTION INSPECTOR TO ENSURE ALL MATERIAL ARE ON SITE.
4. 3/4" BY PASS [PROVIDE WHEN MAIN IS 4" AND LARGER] BYPASS VALVE TO BE ON SAME PLANE WITH SHUT-OFF VALVE.
5. LOCATE FIRST SHUT-OFF VALVE WITHIN 5 FEET OF BUILDINGS WALL PENETRATION.

DRAWING DEVELOPED FOR ML-3 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

SITE STEAM/CONDENSATE TIE-IN DETAIL

SCALE: NONE

NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. SEE SHEET 2.
2. PIPING SHOWN IN STEAM MANHOLE IS SCHEMATIC. FINAL CONSTRUCTION DRAWINGS SHALL SHOW PIPING AND VALVES DRAWN TO SCALE TO ENSURE ADEQUATE CLEARANCES AND MANHOLE SIZE.
3. DESIGN DISTRIBUTION SYSTEM UP TO AND INCLUDING FIRST PRV AND BYPASS VALVE WITHIN THE BUILDING FOR 150 PSIG WORKING STEAM PRESSURE (WSP) AND 500°F TEMPERATURE.
4. MINIMUM PIPE SIZE FOR STEAM AND CONDENSATE DISTRIBUTION PIPING SHALL BE 2".

NO	DATE	CLASS REV	DESCRIPTION	DWN	VER	CHKD	SUB	APP

FACILITY & WASTE OPERATIONS
SYSTEMS ENGINEERING & MAINTENANCE

LANL ENGINEERING MANUAL

STEAM/CONDENSATE TIE-IN DETAIL

BLDG. X TA-X

DRAWN	R.PEARSON
DESIGN	J.GONZALES
CHECKED	M.SMITHDUR
DATE	8-23-02

SUBMITTED
DISCIPLINE POC: E. HOTH

APPROVED FOR RELEASE
STANDARDS MANAGER: TOBIN GRUCH

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SHEET 1 OF 2

CLASSIFICATION U | REVIEWER LARRY BAYS | DATE

PROJECT ID: CHAPTER 3
DRAWING NO: ST-G3040-1
REV: 0

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