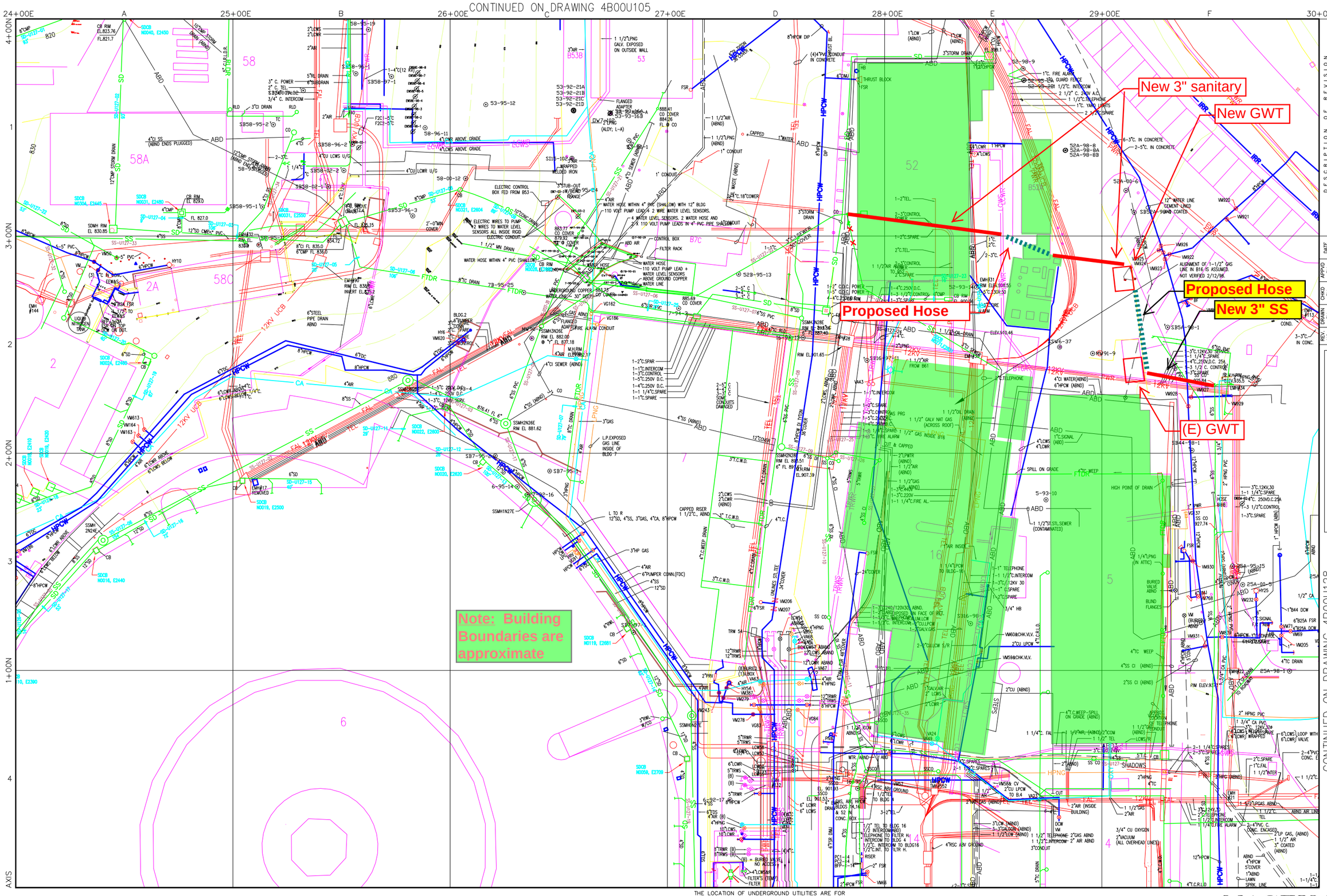


REV. NO.	DRAWN BY	CHKD BY	APP'D BY	DATE	DESCRIPTION OF REVISION
0	SARA	SARA	SARA	1993	CONVERSION FROM ORIGINAL HAND DRAWN MAPS.
A	SARA	TECSON	SHAW	1994	CORRECTED LOCATION OF LINE ENTITIES WHICH DID NOT COMPLY WITH ACCURACY STANDARDS OF ±10' FOR 95% OF ALL LINE ENTITIES (PER FIELD SURVEY).
B	TECSON	DONG	DONG	9/94	ADDED (N) UTIL & CORRECTED LOCATION OF (E) UTIL PER FIELD SURVEY.
C	RZT	MCD	MCD	8/95	ADDED (N) EMH 40 AND DUCTBANK.
D	RZT	RZT	DEL	11/98	ADDED (N) UTIL & CORRECTED LOCATION OF (E) UTIL PER FIELD SURVEY.
E	RZT	RZT	MCD	7/05	SITEWIDE WATER DISTRIBUTION UPGRADE.
F	RZT	RZT	MCD	12/12	UPDATE BLDG. 52 WATER LINE TYPE.
G	RZT	MCD	MCD	06/14	UPDATE B6 HPCW LOCATION.

LEGEND

- HPCW — HIGH PRESSURE CITY WATER
- FSR — FIRE SPRINKLER RISER
- IRR — LANDSCAPE IRRIGATION WATER
- LCWS,R — LOW CONDUCT WATER SUP/RET
- TWS,R — TREATED WATER SUP/RET
- CA — COMPRESSED AIR
- H,L(PNG) — HIGH,LOW PRESSURE NAT.GAS
- SS — SANITARY SEWER DRAIN
- FTDR — FOUNDATION WEEP DRAIN
- FAL — RAIN WATER LEADER
- SD — STORM DRAIN
- 12KV — ELECTRICAL POWER 12KV
- 12KV UCB — UC CAMPUS POWER
- PWR — ELECTRICAL POWER
- TEL — TELEPHONE LINE
- PWR-TEL — POWER AND TEL IN THE BANK
- GND — ELECTRICAL GROUND
- VAC — VACUUM TUBE LINE
- ABD — ABANDONED UTILITIES
- FENCE - PERIMETER
- FENCE -SECURITY

LAWRENCE BERKELEY LABORATORY

AREA UTILITIES

SCALE: 1"=20'-0"

MASTU127

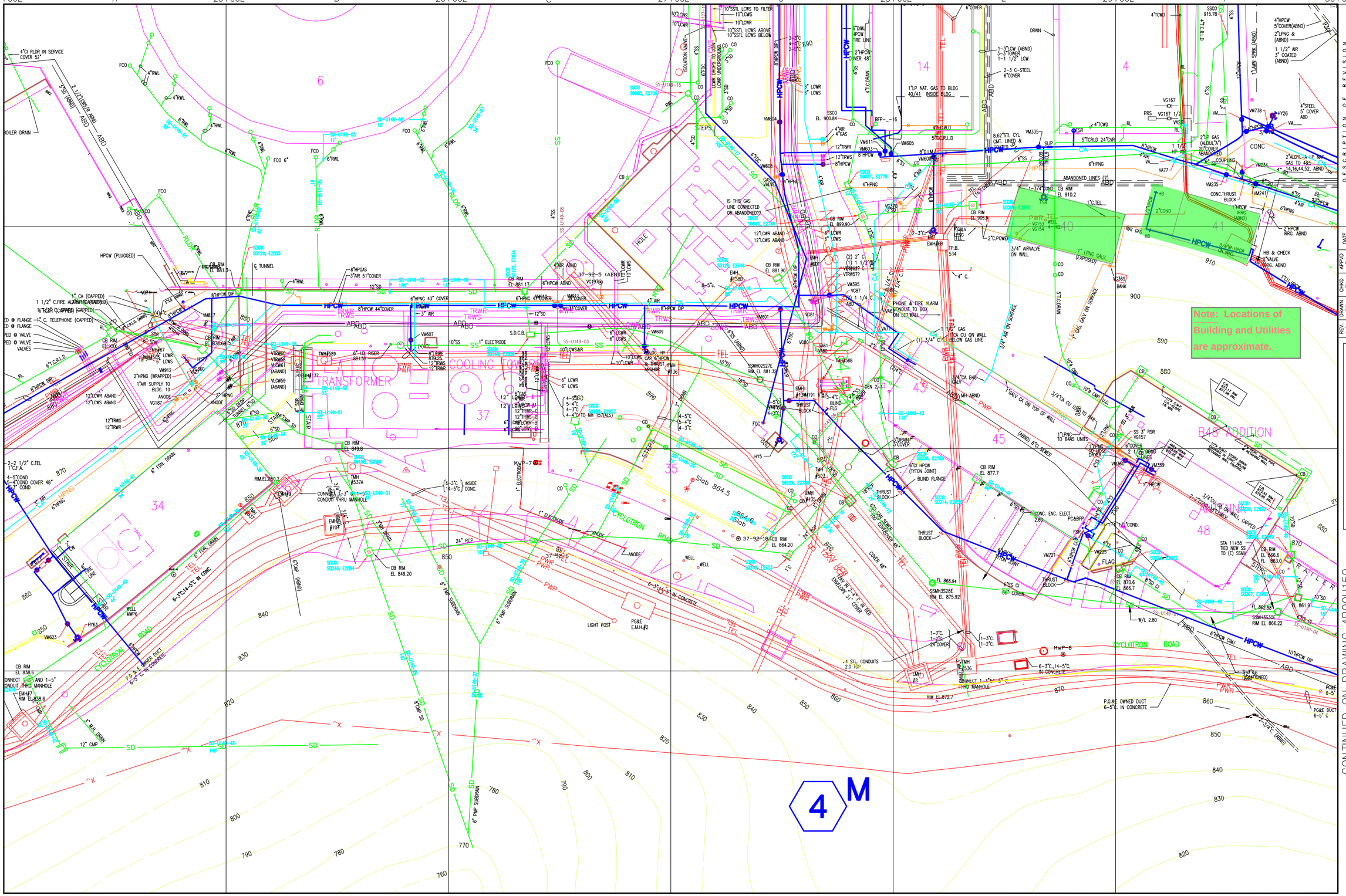
THE LOCATION OF UNDERGROUND UTILITIES ARE FOR REFERENCE ONLY. EXACT ROUTING AND LAYOUT SHOULD BE FIELD VERIFIED BEFORE EXCAVATION AND PROJECT EXECUTION.

0 10' 30' 50' 100'

MASTU127

CONTINUED ON DRAWING 4B00U127

CONTINUED ON DRAWING 4B00U148



CONTINUED ON DRAWING 4B00U150

REV. NO.	DRAWN BY	CHKD BY	APP'D BY	DATE	DESCRIPTION OF REVISION
0	SARA	SARA	SARA	1993	CONVERSION FROM ORIGINAL HAND DRAWN MAPS.
A	SARA	TECSON	SHAW	1994	CORRECTED LOCATION OF LINE ENTITIES WHICH DID NOT COMPLY WITH ACCURACY STANDARDS OF ±5' (1" = 20'). ADDED (N) UTIL & CORRECTED LOCATION OF (E) UTIL PER FIELD SURVEY.
B	TECSON	DONG	DONG	9/94	ADDED (N) UTIL & CORRECTED LOCATION OF (E) UTIL PER FIELD SURVEY.
C	RZT	MCD	DEL	11/98	ADDED (N) UTIL & CORRECTED LOCATION OF (E) UTIL PER FIELD SURVEY.
D	AD	MCG	MCG	4/15/04	AS-BUILT RECORD DRAWING. ELECTRICAL ONLY
E	RZT	MCD	MCD	7/05	SITEWIDE WATER DISTRIBUTION UPGRADE.
F	RZT	MCD	MCD	10/06	ENHANCED TO SYMBOLIC LINE TYPE.

LEGEND

- HPCW — HIGH PRESSURE CITY WATER
- FSR — FIRE SPRINKLER RISER
- IRR — LANDSCAPE IRRIGATION WATER
- LCWS,R — LOW CONDUCT WATER SUP/RET
- TRWS,R — TREATED WATER SUP/RET
- CA — COMPRESSED AIR
- H,L/PNG — HIGH,LOW PRESSURE NAT.GAS
- SS — SANITARY SEWER DRAIN
- FDR — FOUNDATION WEEP DRAIN
- RWL — RAIN WATER LEADER
- SD — STORM DRAIN
- 12KV — ELECTRICAL POWER 12KV
- 12KV UCB — UC CAMPUS POWER
- PWR — ELECTRICAL POWER
- TEL — TELEPHONE LINE
- PWR-TEL — POWER AND TEL IN THE BANK
- GND — ELECTRICAL GROUND
- VAC — VACUUM TUBE LINE
- ABD — ABANDONED UTILITIES
- *X — FENCE - PERIMETER
- *S — FENCE -SECURITY

U. C. GRID NORTH
TRUE
16° 43'

LAWRENCE BERKELEY LABORATORY

AREA UTILITIES

SCALE: 1" = 20'-0"

MASTU149

THE LOCATION OF UNDERGROUND UTILITIES ARE FOR REFERENCE ONLY. EXACT ROUTING AND LAYOUT SHOULD BE FIELD VERIFIED BEFORE EXCAVATION AND PROJECT EXECUTION.

0 10' 30' 50' 100'

MASTU149