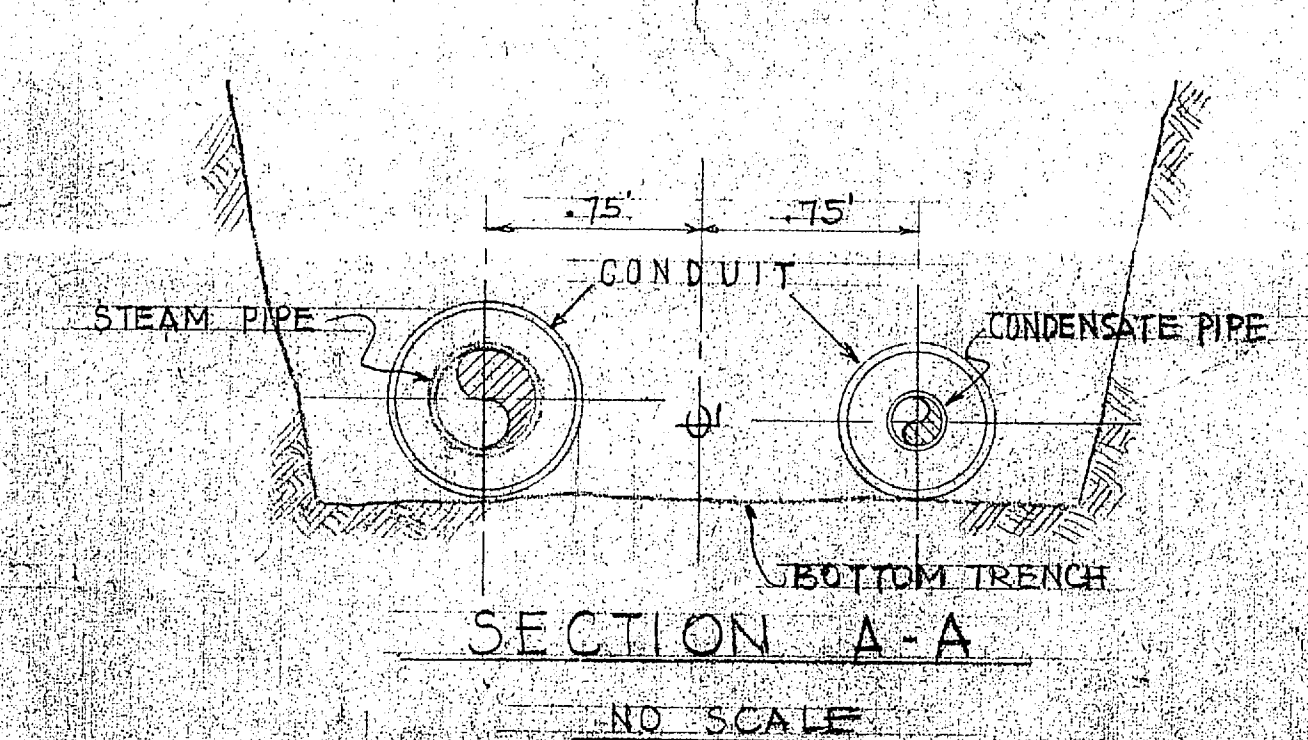


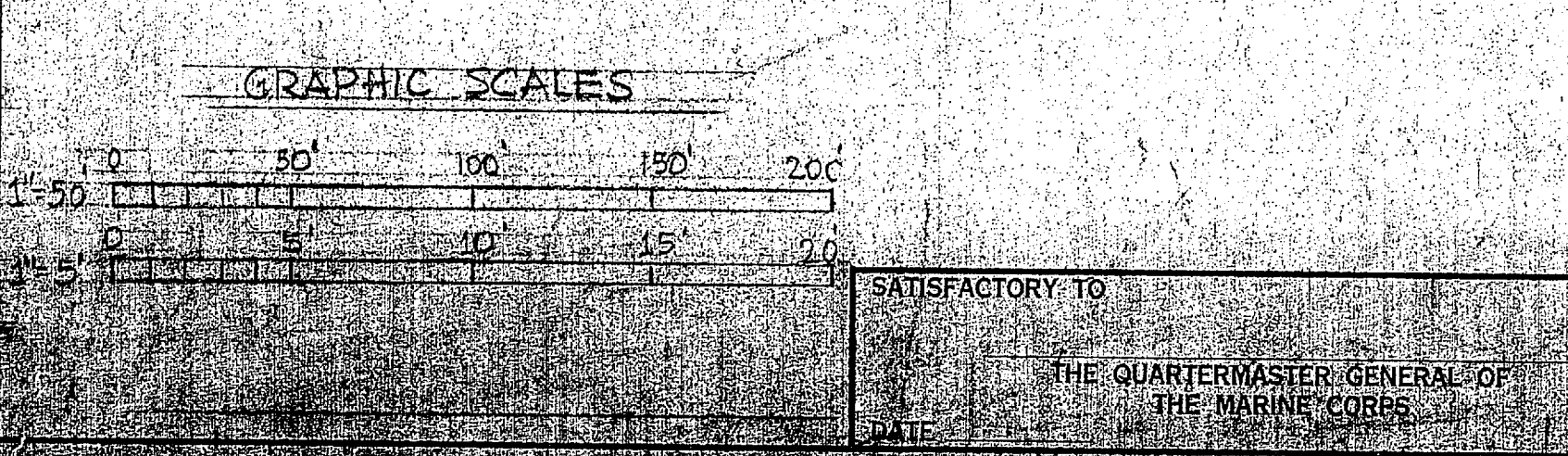
- LEGEND**
- EXISTING BUILDING
 - EXISTING SIDEWALKS & CONC. AREAS
 - EXISTING WATER LINE & VALVE
 - EXISTING SEWER LINE & MANHOLE
 - EXISTING STEAM COND. LINE & PIT
 - EXISTING UNDERGROUND ELECTRIC CABLE
 - EXISTING UNDERGROUND TELEPHONE CABLE
 - EXISTING UNDERGROUND TELEPHONE LINE & POLE
 - EXISTING UNDERGROUND TELEPHONE CABLE
 - EXISTING GAS LINE
 - EXISTING STORM SEWER & CATCH BASIN
 - EXISTING TREES
 - NEW STEAM COND. LINE ANCHOR & LOOP
 - NEW CONCRETE STEAM PIT
 - EXISTING ASPHALT PAVEMENT



EXPANSION LOOP SCHEDULE

LOOP NO.	STEAM SIZE	COND. SIZE	LOOP SIZE W X H	TOTAL EXPAN.	COLD SPRING EACH LEG
1	6"	3"	9'00" X 16'00"	4'12"	1 1/8"
2	4"	2"	6'00" X 11'00"	3'6"	3/8"
3	4"	2"	3'00" X 11'00"	3'6"	3/8"
4	2"	1 1/2"	14'00" X 12'00"	5'0"	1 1/8"
5	2"	1 1/2"	10'00" X 12'00"	5'0"	1 1/8"
6	2"	1 1/2"	4'00" X 12'00"	5'0"	1 1/8"
7	1 1/2"	1 1/2"	10'00" X 2'00"	5'0"	1 1/8"

- NOTES:**
- STEAM & CONDENSATE LINES SHALL BE ANCHORED TO ALL BUILDING PIT WALLS WHEN ENTERING SUCH PITS, UNLESS OTHERWISE SHOWN. SEE Y&D DWG. 765312 FOR DETAIL.
 - ALL UNDERGROUND ELECTRICAL, TELEPHONE & FIRE ALARM CABLES SHALL BE PROTECTED BY SUPPORTING IN AN ENCLOSED BOX OR CHANNEL.
 - UNLESS OTHERWISE SHOWN, ALL ANGLES ARE 90°.
 - SUPPORT TELEPHONE & POWER POLES LOCATED WITHIN 10' OF TRENCH PRIOR TO DIGGING.
 - ALL BENDS AND LOOPS WILL BE COLD SPRUNG 50% UNLESS OTHERWISE NOTED. CREDIT WILL NOT BE TAKEN FOR COLD SPRUNG IN STRESS EVALUATION.
 - DATA FOR DESIGN OF LOOPS AND BENDS: STEAM 12.65 INCHES EXPAN / 100 FT. COND. 2.51 INCHES EXPAN / 100 FT. (STEAM 125 PSIG, 353°F COND. 60 PSIG, 307°F)



REVISIONS

REVISION	DATE	APPD.	DESCRIPTION
B	6/25/51	[Signature]	AS BUILT REVI-LOCATION EXIST. UTILITIES
A	7/13/51	[Signature]	IN ACCORD WITH BID ITEM 2-CHANGED SHEET NUMBERS

P W DRAWING NO. 11271

MARINE CORPS BASE
CAMP LEJUNE, N. C.

REHABILITATION OF STEAM AND CONDENSATE LINES
COURTHOUSE BAY

PLAN AND PROFILE

DESIGNED BY: [Signature]
DRAWN BY: [Signature]
TRACED BY: [Signature]
CHECKED BY: [Signature]
DESIGNED BY: [Signature]

APPROVED: [Signature] DATE: 22 July 51
PUBLIC WORKS OFFICER

APPROVED FOR BUREAU OF YARDS & DOCKS: [Signature] DATE: 22 July 51
SPEC. 15643/58

SHEET 2 OF 5
Y&D DRAWING NO. 765312

