

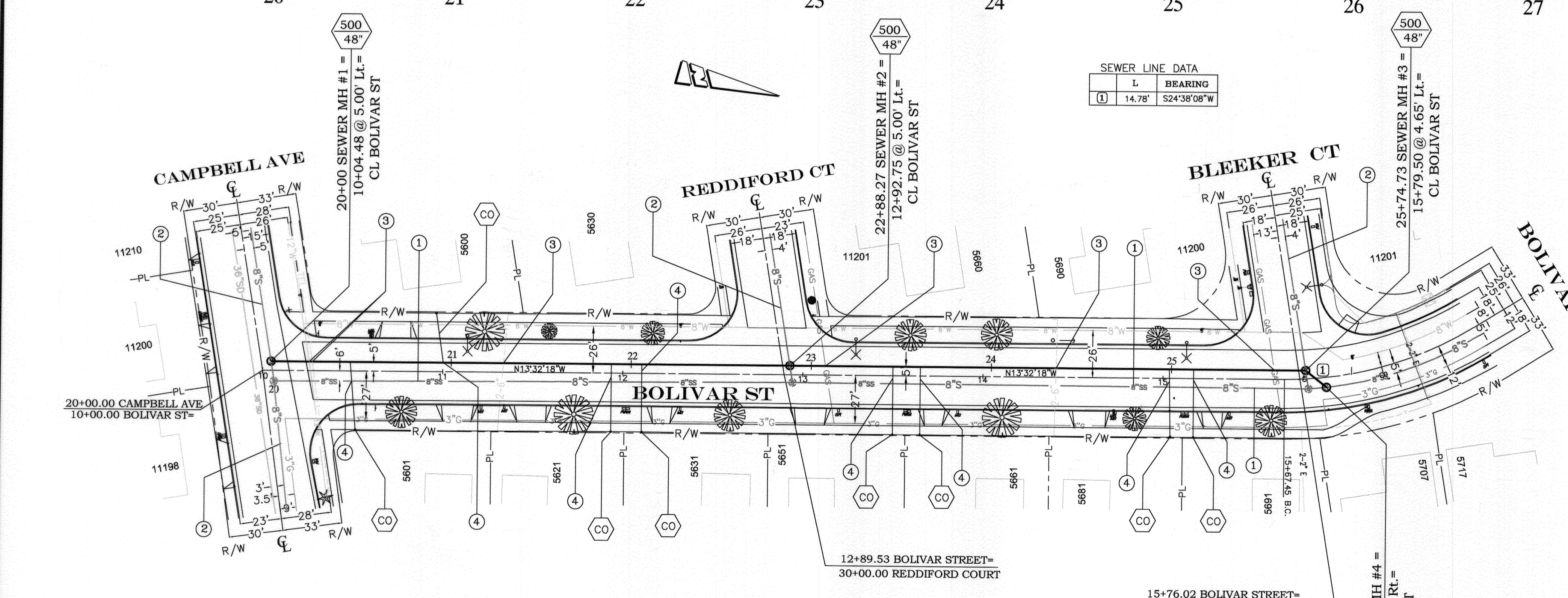
PROJECT LOCATION MAP
NTS

GENERAL NOTES:

- 1 EXISTING UTILITIES SHOWN ON THE PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN.
- 2 PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS "A", OR A "C-42" LICENSE.
- 3 ALL ELEVATIONS SHOWN ON THE PLAN SHALL BE STAKED IN THE FIELD.
- 4 CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- 5 TRENCHES SHALL EITHER BE BACKFILLED AND COMPACTED PER STD. DWG. 453 OR COVERED WITH TRAFFIC RATED STEEL PLATES AT THE END OF EACH WORK DAY AS SPECIFIED IN THE SPECIAL PROVISIONS.
- 6 WATER VALVES ENCOUNTERED DURING PIPELINE CONSTRUCTION OR DURING RESTORATION OF SURFACE IMPROVEMENTS SHALL BE PROTECTED IN PLACE, RESTORED TO PRECONSTRUCTION CONDITION AND/OR ADJUSTED TO GRADE.
- 7 PIPE BEDDING SHALL BE PER STD. DWG. 452 AND CASE SHALL BE AS SPECIFIED ON THE PLANS.
- 8 CONTRACTOR SHALL PERFORM A PRE- AND POST CONSTRUCTION VIDEO OF THE SEWER MAIN LINES. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VIDEOING ALL SEWER LATERALS FROM THE MAINLINE TO PROPERTY LINE ON SINGLE FAMILY RESIDENCES (SFR).
- 9 PIPE JOINTS FOR PROPOSED PIPES SHALL BE TYPE "G", PER SECTION 208-2.3 OF THE STANDARD SPECIFICATIONS. PIPE JOINTS FOR JOINING EXISTING VCP TO PROPOSED VCP SHALL BE TYPE "Z", PER SECTION 208-5 OF THE STANDARD SPECIFICATIONS.
- 10 SERVICE LATERAL LOCATIONS ARE PLOTTED FROM EXISTING RECORDS AND MIGHT NOT REFLECT THEIR TRUE LOCATION IN THE FIELD. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND CONNECT EXISTING LATERALS TO NEW SEWER MAIN.
- 11 FINAL TRENCH PAVING SHALL BE COMPLETED PER STANDARD DRAWING 453.
- 12 REPLACE STRIPPING REMOVED OR DAMAGED BY CONSTRUCTION ACTIVITIES.

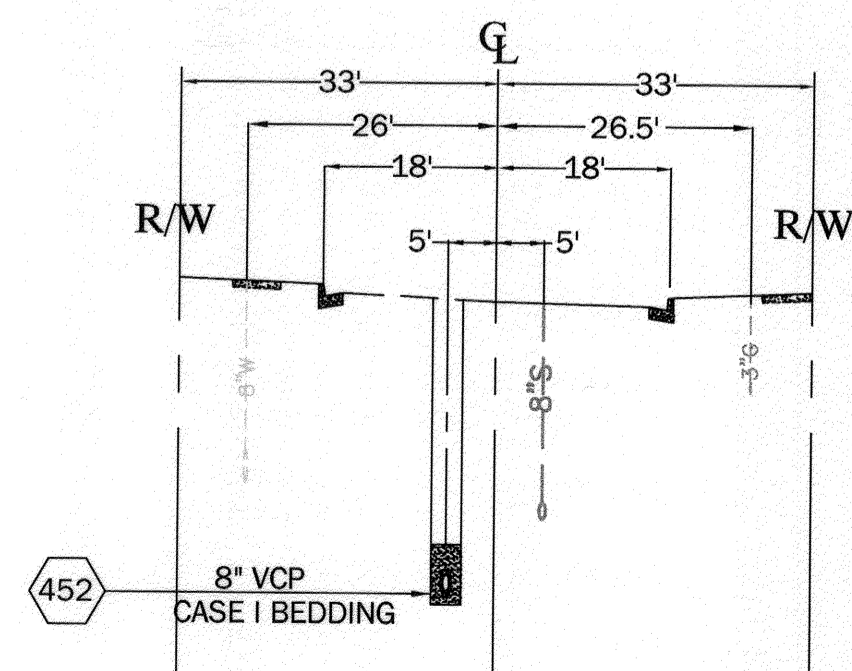
SEWER LINE DATA

L	BEARING
1	14.78' S24°38'08"W

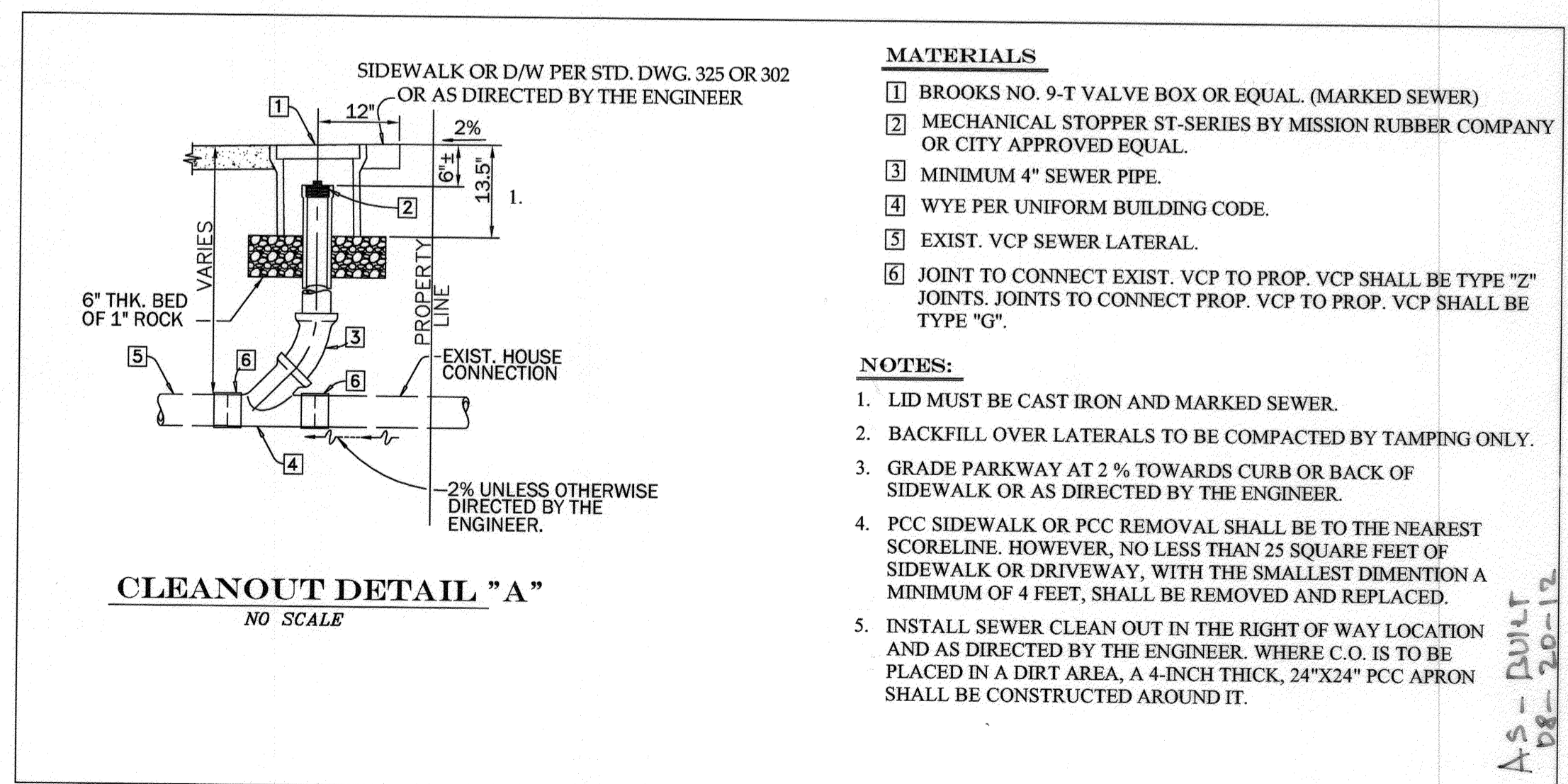


SPECIFIC CONSTRUCTION NOTES

- NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- LOCATE LATERAL AND CONSTRUCT SEWER CLEANOUT PER DETAIL "A"
- ABANDON EXISTING SEWER PIPE AND MANHOLES IN PLACE
- EXISTING SEWER TO REMAIN IN SERVICE
- PROTECT AND SUPPORT IN PLACE
- REMODEL SEWER LATERAL TO PROPERTY LINE.



BENCHMARK
G1-03 P.K. NAIL AND CITY ENGINEER TAG IN THE EASTERLY END OF A CATCH BASIN 4 FEET BEHIND THE CURB FACE, ALONG THE SOUTHERLY SIDE OF CAMPBELL AVENUE, 125 FEET WESTERLY OF THE CENTERLINE OF LA SIERRA AVENUE
ELEV. = 772.431 (NGVD 29)



MATERIALS

- 1 BROOKS NO. 9-T VALVE BOX OR EQUAL. (MARKED SEWER)
- 2 MECHANICAL STOPPER ST-SERIES BY MISSION RUBBER COMPANY OR CITY APPROVED EQUAL.
- 3 MINIMUM 4" SEWER PIPE.
- 4 WYE PER UNIFORM BUILDING CODE.
- 5 EXIST. VCP SEWER LATERAL.
- 6 JOINT TO CONNECT EXIST. VCP TO PROP. VCP SHALL BE TYPE "Z" JOINTS. JOINTS TO CONNECT PROP. VCP TO PROP. VCP SHALL BE TYPE "G".

NOTES:

1. LID MUST BE CAST IRON AND MARKED SEWER.
2. BACKFILL OVER LATERALS TO BE COMPACTED BY TAMPING ONLY.
3. GRADE PARKWAY AT 2% TOWARDS CURB OR BACK OF SIDEWALK OR AS DIRECTED BY THE ENGINEER.
4. PCC SIDEWALK OR PCC REMOVAL SHALL BE TO THE NEAREST SCORELINE. HOWEVER, NO LESS THAN 25 SQUARE FEET OF SIDEWALK OR DRIVEWAY, WITH THE SMALLEST DIMENSION A MINIMUM OF 4 FEET, SHALL BE REMOVED AND REPLACED.
5. INSTALL SEWER CLEAN OUT IN THE RIGHT OF WAY LOCATION AND AS DIRECTED BY THE ENGINEER. WHERE C.O. IS TO BE PLACED IN A DIRT AREA, A 4-INCH THICK, 24"x24" PCC APRON SHALL BE CONSTRUCTED AROUND IT.

IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a permit to Excavate will be valid. For your Dig Alert ID, Number call CALL TOLL FREE 48 HOURS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

ENGINEER IN RESPONSIBLE CHARGE
LONNY LEW YOUNG
R.C.E. No. 43216 expires 03-31-2014
DATE 04/22/2012

REGISTERED PROFESSIONAL ENGINEER
LONNY LEW YOUNG
No. 43216
Exp. 03-31-2014
CIVIL
STATE OF CALIFORNIA

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY: [Signature]
INSPECTOR: [Signature]
SURVEYOR: [Signature]
ENGINEERING MANAGER: [Signature]
TRAFFIC ENGINEERING: [Signature]

BOLIVAR STREET SEWER
FROM BLEEKER CT TO CAMPBELL AVE
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACC. No. 9827923203-440301XX
W.O. XXXXXXXX
S-2100
SHEET 1 OF 1