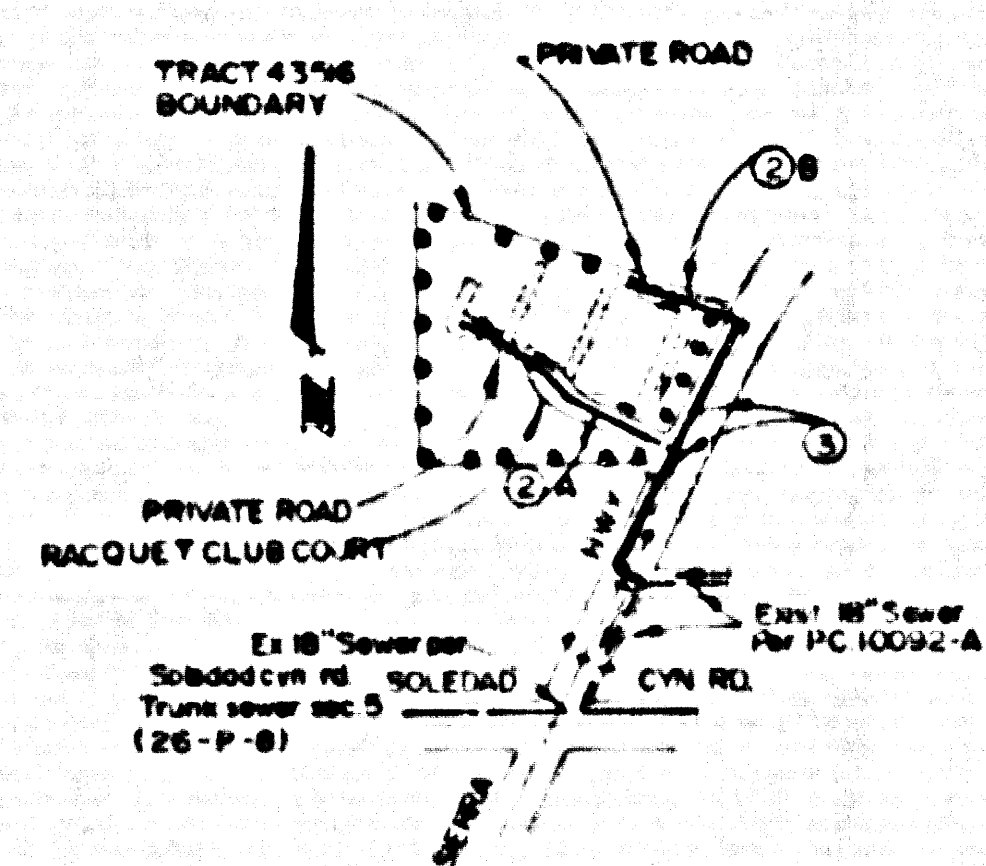


B.M. 3756 ELEV. 1440.005  
 LACS. B.M. MON. FL. IN SW 50 FT. W AND  
 82 FT. N/O CL. INT. SIERRA HIGHWAY AND  
 SOLEDAD CYN. RD. MARKED 'BM 274-102A 1968'  
 NEWHALL QUAD. 19 78

DOUBLE SCALE



TRACT No. 43516  
 INDEX MAP  
 P.C. No. 10537  
 SCALE - 1 INCH = 800 FEET

REVISION NO. 3 DATE 7-15-87  
 PAGE 2 - STA 1+96 ADDED 8" x 8" Y SADDLE  
 AND HOUSE LATERAL  
 APPROVED *Santi G. Ibañeta* 7/15/87  
 DEPT. OF PUBLIC WORKS

REVISION NO. 1 DATE 4-8-87  
 PAGE 2 - REVISED ALL H.C. LATERAL LOCATIONS AND CHAN-  
 GED LATERALS TO "EXCEPT" STA. 0+78 AND 0+90 OF  
 LINE A  
 PAGE 2 - LINE A, ADDED 18" H. AT STA. 0+80 AND REVISED  
 ALIGNMENT FROM STA. 0+80 DOWNSTREAM TO JUNCTION  
 WITH 8" SEWER IN SIERRA HIGHWAY (STA. 4+42, PAGE 3)  
 PAGE 3 - RELOCATED M.H. FROM STA. 4+57.74 TO 4+42.00  
 APPROVED *Santi G. Ibañeta*  
 DEPT. OF PUBLIC WORKS

REVISION NO. 2 DATE 5-27-87  
 PAGE 3 - STA 2+10 8" x 4" DELETED  
 STA 3+00 8" x 4" Y RELOCATED FROM  
 STA. 2+60.  
 APPROVED *Santi G. Ibañeta*  
 DEPT. OF PUBLIC WORKS

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES  
 SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNTIL  
 A PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE HAS BEEN  
 ISSUED BY THE SANITATION DISTRICTS FOR SAID CONNECTION.

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY  
 SANITATION DISTRICT SEWER AND PRIOR TO FINAL  
 ACCEPTANCE OF THE PROJECT, SANITATION DISTRICT  
 INSPECTOR SHALL BE NOTIFIED BY PHONE 818 - 962-8605  
 SO THAT REQUIRED INSPECTION CAN BE MADE.

GENERAL NOTES:

- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DEPARTMENT OF PUBLIC WORKS
- NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK
- GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TYPICAL CURBS, CENTERLINE OF STREETS, CURB TYPING, AND ALL OTHERS ARE SHOWN BY CIRCLES OR PROFILES AT ALL POINTS BETWEEN DESIGNATED POINTS. THE GRADES SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
- THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 1" DIA. TP BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT LINE FROM THE MAIN LINE SEWER TO THE HOUSE. NO BRANCH AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
- THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE CURB SIDE STREET.
- BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. DEPT. OF PUBLIC WORKS DISTRICT OFFICE NO. 8 AND PAY A FEE TO THE DEPARTMENT OF PUBLIC WORKS, 2350 ALCAZAR STREET, LOS ANGELES, CA 90004 TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
- IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 750 SOUTH LEAVENWORTH STREET, LOS ANGELES, CALIFORNIA.
- APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OF OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
- REFER TO SECTION 7.04 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
- BEFORE THE USE OF THE REQUIRED SIZES OF CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE LOS ANGELES COUNTY ROAD DEPARTMENT A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF INCORPORATION RELAYANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 2350 ALCAZAR STREET, PASADENA, LOS ANGELES, CALIFORNIA AND BE MARKED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF PERMIT.

CONSTRUCTION NOTES:

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1987 EDITION WITH 88-01 AMENDMENT AND COUNTY SPECIFIC PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED 1987, 88-01, 88-02, AND 88-03, AND SHALL BE REVISIONS LISTED IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE 888-8888 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- PIPE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S.D. OR PRECAST CONCRETE MANHOLES PER S.D. EXCEPT AS NOTED.
- PROTECT STAKES ON THE PROPERTY LINE OR PROPERTY LINE PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTERLINE OF EACH MANHOLE.
- MANHOLE TOPS IN UNIMPROVED AREAS TO BE SIX INCHES ABOVE FINISHED GRADE.
- WITHEDED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "C" PER STANDARD SPECIFICATIONS SECTION 200-7.
- IF A RUBBER JOINT IS TO BE USED IN THE SEWER THE JOINT SHALL BE ENCASED PER S.D. CASE 11 TYPE "C" ON EACH SIDE FROM THE POINT OF INSTALLATION.
- IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THERE IS LESS THAN 18" OF COVER OVER THE TOP OF A MAINLINE OR HOUSE LATERAL SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S.D. CASE 11 UNLESS OTHERWISE APPROVED BY THE DEPARTMENT OF PUBLIC WORKS.
- ALL JOINTS IN CAST IRON PIPE AND WITHEDED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT TYPE "C" OR "D" WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 200-7.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 200-7.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- PERFORMANCE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY PLUM DEPT. OR CALIFORNIA STATE MINIMUM REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- IF FULL COMPLIANCE WITH SECTION 200-7.3 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS, CERTIFICATION OF BACKFILL COMPLETION AND TANK EQUIVALENTS BY A QUALIFIED REGISTERED PROFESSIONAL ENGINEER SHALL BE FURNISHED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
- SPECIAL BACKFILL REQUIREMENT CONSTRUCTION (A) BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR PAVED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS PROJECT BY THE BUILDING AND SAFETY DIVISION OF ALL BACKFILL AND EARTH REPAIR SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. METHOD OF TEST D9557 AS NOTED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE FURNISHED TO THE CONSTRUCTION DIVISION.

PROFILE ALIGNMENT AND GRADE OF  
**SANITARY SEWERS**  
 TO BE CONSTRUCTED IN  
**TRACT NO. 43516**  
**PRIVATE CONTRACT NO. 10537**  
 INDEX A-60, F-3  
 2 SHEETS; 3 PAGES

SCALE: HORIZ. 1" = 40'  
 VERT. 1" = 4'

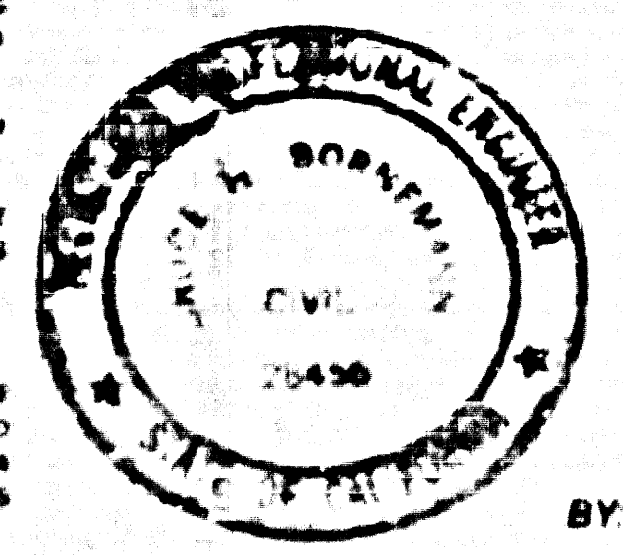
JULY, 1986

PREPARED IN THE OFFICES OF  
 BRUCE BERNE MANN  
 8260 WILSHIRE BLVD. SANTA MONICA 90401  
 (213) 398-7583 393-9633

BY *Bruce Berne Mann*  
 REG. C.E. No. 17536

APPROVED *Santi G. Ibañeta* 7/15/86  
 DEPT. OF PUBLIC WORKS

REG. C.E. No. 17536



THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

LEGEND	S-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-2
BRICK MANHOLE	S-3
STANDARD MANHOLE STEP	S-17
ENCASING FOR SEWER PIPE	S-21
CASTING AND ENCASEMENT	S-23
WYE OR TEE SUPPORT	S-26
ALLOWABLE TRENCH WIDTHS	S-33
LOCKING MANHOLE FRAME AND COVER	S-36
NON-PRECAST PRECAST CONCRETE MANHOLE	S-38

COUNTY OF LOS ANGELES, CALIFORNIA

THOMAS A. TIDEMANSON  
 DIRECTOR OF PUBLIC WORKS

CHARLES W. CARRY  
 CHIEF ENGINEER

APPROVED *Carl L. Blum* 9/1/86  
 DATE

APPROVED *Santi G. Ibañeta* 9/1/86  
 DATE

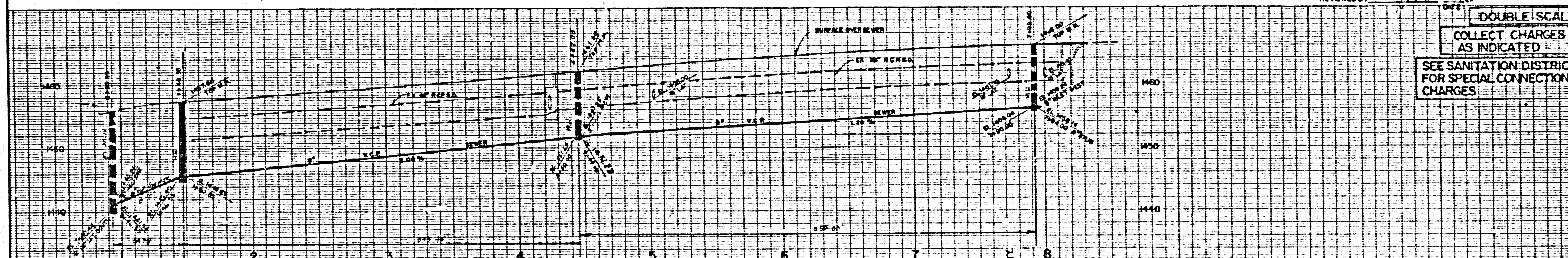
CHECKED *Henry C. Anderson* 9-3-86  
 DATE

REG. C.E. NO. 17536

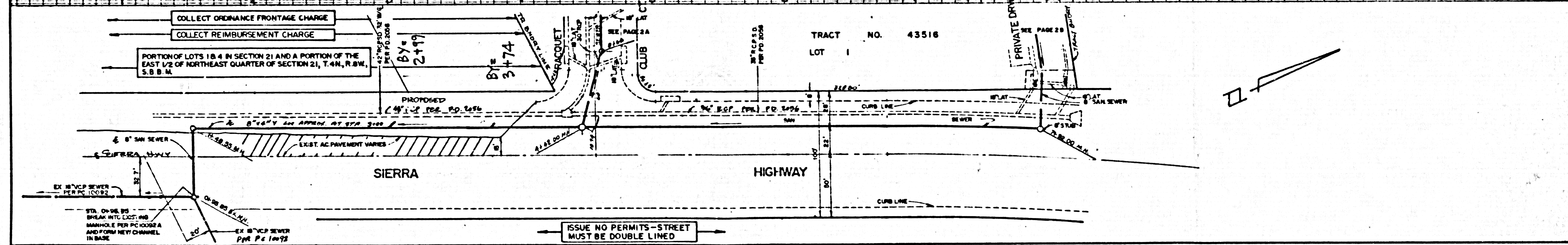
SANTA CLARITA BLDG. DIST. 8-2

REVISIONS ARE ON TRACT  
 PRINTS





DOUBLE SCALE  
 COLLECT CHARGES  
 AS INDICATED  
 SEE SANITATION DISTRICT  
 FOR SPECIAL CONNECTION  
 CHARGES



EX 12" VCP SEWER PER PC 10082  
 STA. 0+48.15  
 BREAK INTO EXISTING MANHOLE PER PC 10082A AND FORM NEW CHANNEL IN BASE  
 EX 12" VCP SEWER PER PC 10072

SECTION 21 PART 1