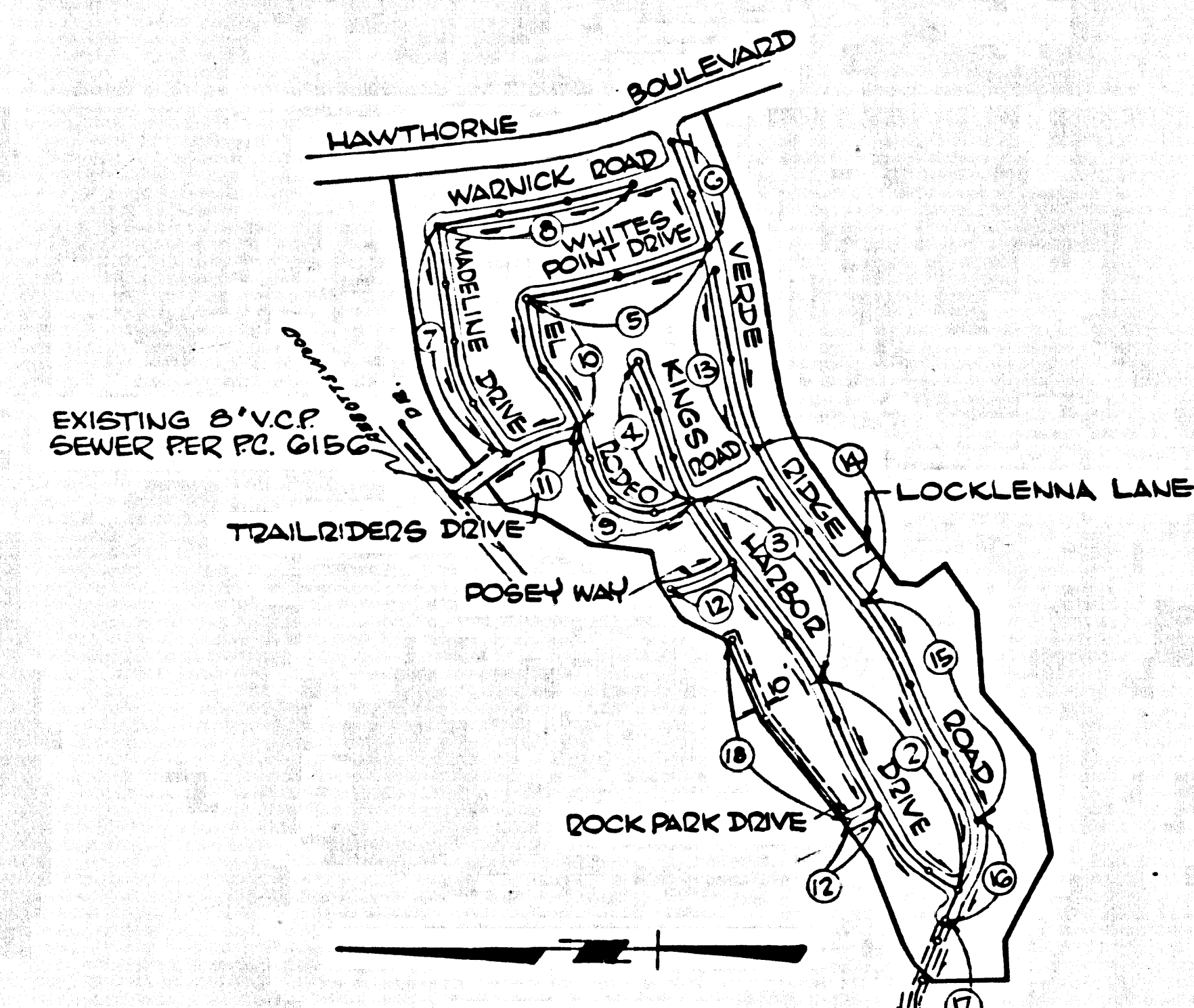


B.M. BY 7327 ELEV. 230.182
 L+4 BRAD E CO 30FT U.S.C. @
 NLY CO. HAWTHORNE BLVD + INDIAN
 VALLEY RD 30FT ONLY +40FT. ELY
 L- INTERSECTION.
 PALMS VERDES QUAD. 19 G5



INDEX MAP
 TRACT NO 28053
 SCALE 1"=600'
 EXISTING 8" V.C.P. SEWER PER P.C. 5441
 EXISTING 10" V.C.P. TRUNK SEWER
 NO. 210 SALL. DIST. NO. 5

- County Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone)
- (1) Commencement of construction of manhole on District trunk sewer.
 - (2) Breaking into existing manhole on District trunk sewer.
 - (3) Core drilling District trunk sewer.
 - (4) Construction of house connections to District trunk sewer.
 - (5) Acceptance of the project.

NO CONNECTIONS FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS WITHOUT WRITTEN PERMISSION FROM THE CHIEF ENGINEER AND GENERAL MANAGER OF THE COUNTY SANITATION DISTRICTS.

DOUBLE SCALE
 LOMITA BLDG. DIST. NO. 12

PROFILE ALIGNMENT AND GRADE OF
 SANITARY SEWERS PAGE 1
 TO BE CONSTRUCTED IN
 TRACT NO 28053
 PRIVATE CONTRACT NO. 7968

W.S. 27
 9 SHEETS, 18 PAGES
 SCALE: VERT. 1"=4' HORIZ. 1"=40'
 SEPTEMBER, 1967.
 PREPARED IN THE OFFICES OF
 ENGINEERING SERVICE CORPORATION
 REG. C. E. NO. 11233

FOR LEGEND SEE PLAN NO. 5-64

1. PROVISION STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
2. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
3. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS 7" & 8" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAIN LINE SEWER EXCEPT 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.
4. 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 GRADE SHEET.
5. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
6. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, HADJON 9-4747, EXT. 8158, AT LEAST TWENTY FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
7. MANHOLES SHALL BE BRICK SEWER STRUCTURES PER S 3 PRECAST CONCRETE MANHOLES PER S 5 OR S 6 EXCEPT AS NOTED.
8. USE STANDARD MANHOLE FRAMES AND COVERS, S 18, EXCEPT AS NOTED.
9. MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
10. USE EXTRA STRENGTH PIPE ALL PIPE IS STANDARD DEPTH EXCEPT AS NOTED.
11. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D", 1" OR 2" PER STD. SPEC. SEC. 208-2.
12. WHERE EVER GROUND WATER IS ENCOUNTERED DURING THE CONSTRUCTION OF THE SEWERS, THE V.C.P. JOINTS SHALL BE MECHANICAL COMPRESSION JOINTS PER SPEC. SEC. 36.
13. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S 25, CASE III, TWO FEET ON EITHER SIDE FROM THE POINT OF INTERFERENCE.
14. IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAIN LINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S 25, CASE II, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
15. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE... FEET BELOW CURB GRADE EXCEPT AS NOTED.
16. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. REPAIR SPECIFICATIONS.
17. TRENCH BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
18. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 508.51 STANDARD SPECIFICATIONS.
19. ALL STATE AND LOCAL TRENCH SAFETY ORDERS WILL BE STRICTLY ENFORCED.
20. (A) BACKFILL TRENCH AND REPLACE OTHER BATHS REMOVED SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLANS AND TO BE APPROVED BY THE COUNTY ENGINEER.
 (B) ALL BACKFILL AND EARTH REPLACEMENT SHALL BE COMPACTED TO THE MINIMUM STANDARD SPECIFICATIONS PER SECTION 508.51.
 METHOD OF TEST TO BE MODIFIED AS MODIFIED ACCEPTABLE CERTIFICATION WHICH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION.
21. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER GASKET PER SECTION 508.51 (WITH BUSHING IF NECESSARY) PER STANDARD SPECIFICATIONS, SECTION 208-2.

NOTE: GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURB, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS. THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS. WORK SHALL BE CONSTRUCTED ACCORDING TO STANDARD SPECIFICATIONS PER S.A.C. CHANGES AND LETTERS AND COUNTY ENGINEER'S SPECIAL PROVISIONS PER SPEC. 508.51 AND SHALL BE SUBJECT TO THE PROVISIONS OF SECTION 508.51. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 3 AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 300, COUNTY ENGINEERING BUILDING, 108 WEST SECOND 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 THE PROJECT. THIS NOTE APPLIES TO ALL PAGES. IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAY, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

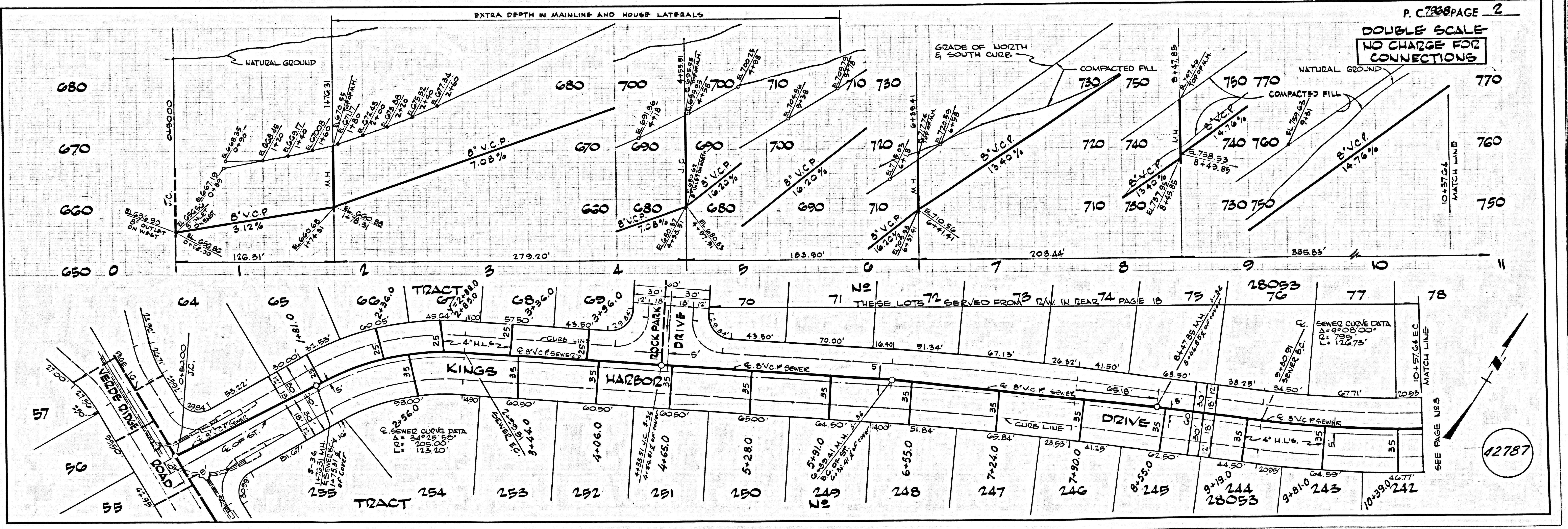
COUNTY OF LOS ANGELES, CALIFORNIA
 JOHN A. LAMBE, COUNTY ENGINEER
 APPROVED BY: [Signature] REGIONAL ENGINEER
 APPROVED BY: [Signature] OFFICE ENGINEER

COLLECT CHARGES AS INDICATED
 [Signature]

- LEGEND
- BRICK MANHOLE
 - MANHOLE WITH PRECAST CONC. MANHOLE
 - REINFORCED PRECAST MANHOLE
 - MANHOLE FRAME AND COVER
 - MANHOLE FRAME AND COVER
 - BEDDING FOR SEWER PIPE
 - GRADING AND ELEVATION
 - PIPE OR TRENCH SUPPORT
 - ALTERNATE TRENCH WIDTH
 - SPECIAL HOUSE LATERALS
 - SPECIAL SUPPORT AND PROTECTION
 - ARCHIT. BLOCKS
 - Bestir Board 2x6x1

CHECKED BY: [Signature] 5/12/68
 REG. C. E. NO. 10522

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 J.N. 0150.01



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