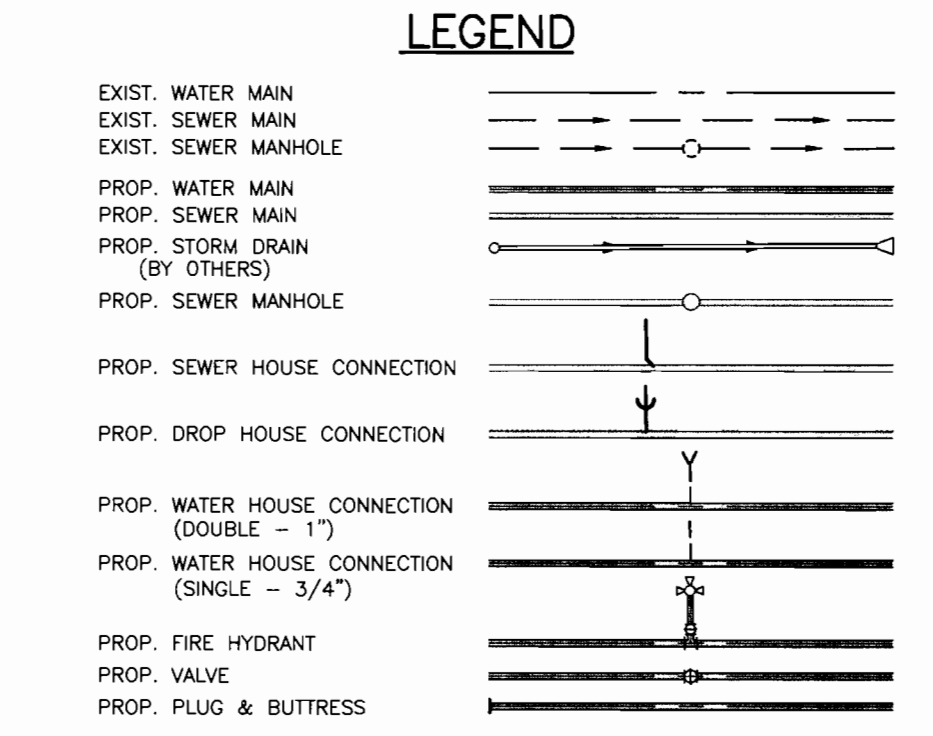


**GENERAL NOTES**

- PART 1 - GENERAL**
- APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND MAKE ARRANGEMENTS FOR UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
  - ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES.
  - ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATA.
  - ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
  - CLEAR ALL UTILITIES BY A MINIMUM OF 6" CLEAR ALL POLES BY 2'-0" MINIMUM OR TUNNEL AS REQUIRED. THE OWNER HAS CONTACTED THE UTILITY COMPANIES AND HAS MADE ARRANGEMENTS FOR BRACING OF POLES AS SHOWN ON THE DRAWINGS. IN THE EVENT THE CONTRACTOR'S WORK REQUIRES THE BRACING OF ADDITIONAL POLES, ANY COST INCURRED BY THE OWNER FOR BRACING OF ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONEY OWED TO THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
  - FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS USE HOWARD COUNTY DESIGN MANUAL VOLUME IV, STANDARD SPECIFICATIONS AND DETAIL FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB.
  - WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL AT THE LOCATION OF THE TEST PIT. A NOTE OR NOTES CONTAINING THE RESULTS OF THE TEST PIT OR PITS IS INCLUDED ON THE DRAWINGS. EXISTING UTILITIES IN THE VICINITY OF THE PROPOSED WORK FOR WHICH TEST PITS HAVE NOT BEEN DUG SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS AT HIS OWN EXPENSE.
  - CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
    - STATE HIGHWAY ADMINISTRATION.....531-5533
    - BALTIMORE GAS & ELECTRIC CO.....850-4620
    - BALTIMORE GAS & ELECTRIC CO.....850-4620
    - UNDERGROUND DAMAGE CONTROL.....787-9068
    - MISS UTILITY.....1-800-257-7777
    - COLONIAL PIPELINE.....795-1390
    - HOWARD CO. DEPT. OF PUBLIC WORKS.....313-4900
  - TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO MAXIMUM EXTENT. TREES AND SHRUBS LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR. CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONSTRUCTION OF THE MAIN.
  - PLACE REGULATION "MEN WORKING" AND WARNING SIGNS AS REQUIRED TO COMPLY WITH MARYLAND STATE HIGHWAY ADMINISTRATION MANUAL OF TRAFFIC CONTROL FOR HIGHWAY MAINTENANCE OPERATIONS.
  - THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410) 313-2450 AT LEAST FIVE WORKING DAYS BEFORE ANY OPEN CUT OF ANY COUNTY ROAD OR BORING/JACKING OPERATION IN COUNTY ROADS FOR LAYING WATER/SEWER MAINS OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.1.4(B) OF THE HOWARD COUNTY CODE.

- PART 2 - WATER**
- ALL WATER MAINS TO BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED. TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3'-1/2" COVER UNLESS OTHERWISE NOTED.
  - VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
  - ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
  - FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE RESTRAINED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS. SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND 1002 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
  - ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING UNLESS OTHERWISE NOTED ON PLANS OR IN SPECIFICATIONS.

- PART 3 - SEWER**
- ALL SEWER MAINS SHALL BE DIP AND P.V.C. UNLESS OTHERWISE NOTED.
  - THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2' - 0" OF EXTERIOR MANHOLE WALL.
  - ALL MANHOLES SHALL BE 4' - 0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
  - FORCE MAINS SHALL BE D.I.P. ONLY.
  - MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.
  - MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERIGHT FRAME AND COVERS, STANDARD DETAIL G5.52, WHERE WATERIGHT MANHOLE FRAME AND COVER IS USED, SET TOP OF FRAME 1" - 6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
  - HOUSES(S) WITH THE SYMBOL "C.N.S." INDICATES THAT CELLAR CANNOT BE SERVED.



HOWARD SOIL CONSERVATION DISTRICT:  
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

*J.H. Warfield* 7/19/96  
NATURAL RESOURCES CONSERVATION SERVICE

THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

*John R. Robinson* 7/19/96  
HOWARD SOIL CONSERVATION DISTRICT

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY STANDARD SPECIFICATIONS AND AS PER ROAD CONSTRUCTION PLANS F-96-139

| LOT NO. | LOCATION                                     |
|---------|--|
| 301/302 | CL STA 1+02.0 OVERTON DRIVE OFFSET 25.0' RT. |
| 303/304 | CL STA 2+28.0 OVERTON DRIVE OFFSET 25.0' RT. |
| 305/306 | CL STA 3+54.0 OVERTON DRIVE OFFSET 25.0' RT. |
| 307/308 | CL STA 4+80.0 OVERTON DRIVE OFFSET 25.0' RT. |
| 309/310 | N 532107.88 E 1357218.61                     |
| 311     | N 532156.59 E 1357151.72                     |
| 312     | N 532154.25 E 1357123.53                     |
| 313     | N 532108.25 E 1357060.86                     |
| 314/315 | N 532059.93 E 1357000.95                     |
| 306/317 | N 531946.93 E 1356945.21                     |
| 318/319 | CL STA 5+36.0 OVERTON DRIVE OFFSET 25.0' RT. |
| 320/321 | CL STA 4+80.5 OVERTON DRIVE OFFSET 25.0' RT. |
| 322/323 | CL STA 3+85.0 OVERTON DRIVE OFFSET 25.0' RT. |
| 324/325 | N 531753.46 E 1357283.51                     |
| 326     | N 531967.95 E 1357133.43                     |
| 327/328 | N 531788.43 E 1357127.83                     |
| 329/330 | N 531697.45 E 1357219.29                     |
| 331     | N 531644.75 E 1357288.82                     |
| 332/333 | N 531647.95 E 1357170.01                     |
| 334/335 | CL STA 1+19.5 ODELTON DRIVE OFFSET 25.0' LT. |
| 336/337 | CL STA 1+20.0 OVERTON DRIVE OFFSET 25.0' LT. |
| 338/339 | CL STA 6+11.2 CHATON ROAD OFFSET 25.0' RT.   |
| 340/341 | CL STA 7+43.8 CHATON ROAD OFFSET 25.0' RT.   |
| 342     | CL STA 4+00.0 CHATON ROAD OFFSET 25.0' LT.   |
| 343/344 | CL STA 4+97.7 CHATON ROAD OFFSET 25.0' LT.   |
| 345     | CL STA 0+74.4 ULSTER DRIVE OFFSET 25.0' LT.  |
| 346/347 | CL STA 1+81.8 ULSTER DRIVE OFFSET 25.0' RT.  |
| 348     | N 531408.39 E 1357728.21                     |
| 349     | CL STA 2+15.9 ULSTER DRIVE OFFSET 43.2' LT.  |
| 350     | N 531398.31 E 1357757.08                     |
| 351     | N 531383.44 E 1357740.63                     |
| 352     | N 531329.41 E 1357706.57                     |
| 353     | CL STA 3+02.4 ULSTER DRIVE OFFSET 25.0' LT.  |
| 354     | CL STA 2+85.4 ULSTER DRIVE OFFSET 25.0' RT.  |
| 355/356 | CL STA 1+21.8 ULSTER DRIVE OFFSET 25.0' RT.  |
| 357     | CL STA 7+86.9 CHATON ROAD OFFSET 25.0' LT.   |

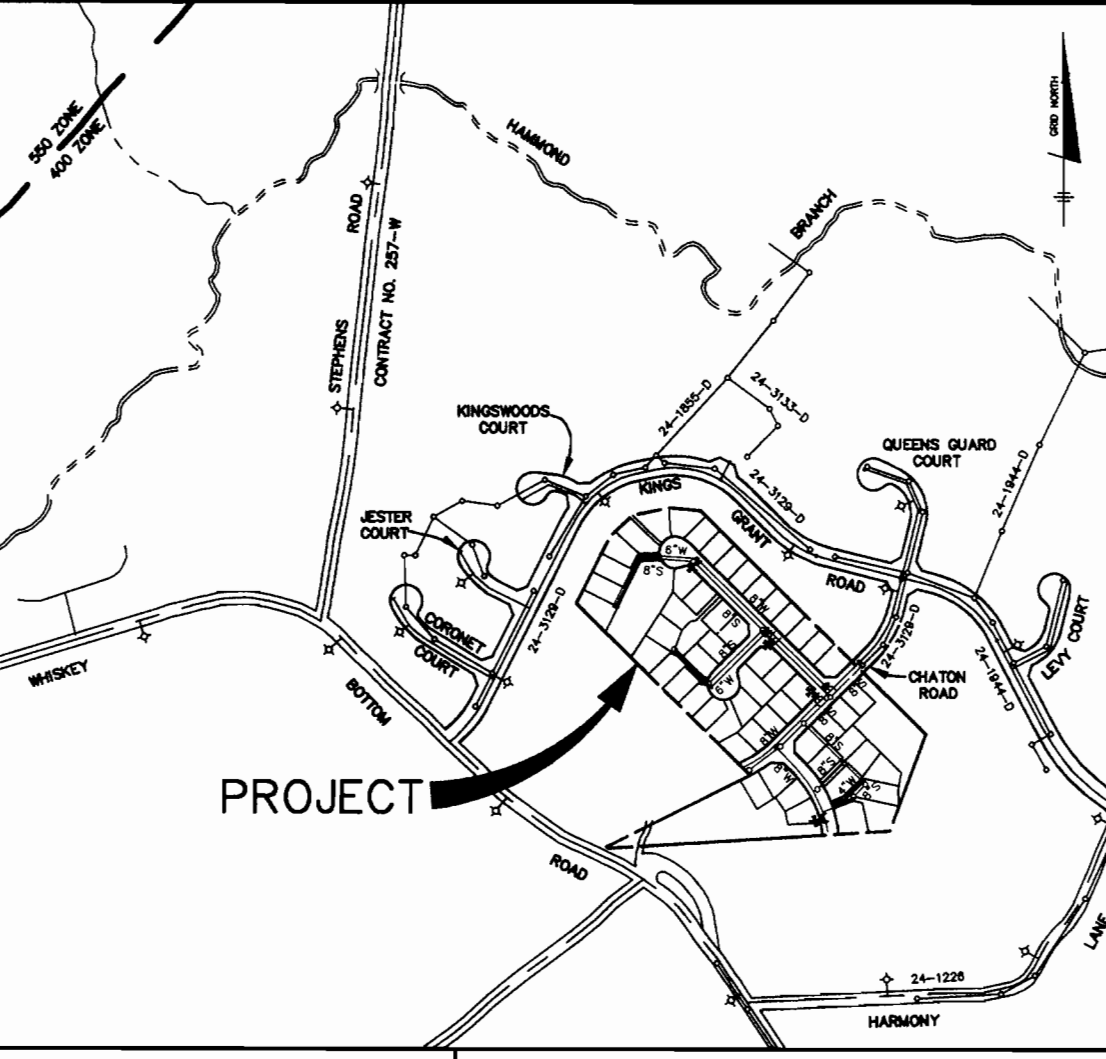
| MH | LOCATION  |
|----|---|
| 1  | CL STA 4+55.22 CHATON ROAD, OFFSET 7.00' LEFT   |
| 2  | CL STA 5+72.72 CHATON ROAD, OFFSET 7.00' LEFT   |
| 3  | CL STA 6+73.72 CHATON ROAD, OFFSET 7.00' LEFT   |
| 4  | CL STA 7+86.20 CHATON ROAD, OFFSET 8.36' LEFT   |
| 5  | N 531445.48 E 1357672.52                        |
| 6  | N 531377.78 E 1357740.58                        |
| 7  | N 531340.01 E 1357703.01                        |
| 8  | CL STA 1+82.98 ULSTER DRIVE, OFFSET 3.65' LEFT  |
| 9  | CL STA 2+92.00 OVERTON DRIVE, OFFSET 7.00' LEFT |
| 10 | LP STA 3+33.10 ODELTON COURT, OFFSET 6.21' LEFT |
| 11 | N 531803.78 E 1357142.50                        |
| 12 | CL STA 5+94.98 OVERTON DRIVE, OFFSET 6.29' LEFT |
| 13 | N 532089.71 E 1357037.94                        |
| 14 | N 531938.01 E 1356983.11                        |

NOTE: RIM ELEVATION FOR MANHOLES 5, 6, 7, 11, 13 AND 14 SHALL BE ADJUSTED PER THE FINAL SITE GRADING PLAN.

| ITEMS             | QUANTITIES ESTIMATED | AS-BUILT   |                          |
|-------------------|----------------------|------------|--------------------------|
|                   |                      | QUANTITIES | TYPE                     |
| 8" WATER          | 1,397 L.F.           | 1405 L.F.  | C.P. GRIFLIN PIPE        |
| 8" WATER          | 722 L.F.             | 111 L.F.   | C.P. D.I.P.              |
| 4" WATER          | 177 L.F.             | 242 L.F.   | C.P. GRIFLIN PIPE        |
| 8" VALVES         | 5                    | 10         | "                        |
| 8" (EXCEPT FHS'S) | 1                    | 1          | MUSGRAVE/VALVE           |
| 3" BLOWOFF        | 1                    | N/A        | "                        |
| FIRE HYDRANTS     | 4                    | 4          | MUSGRAVE/VALVE           |
| WHC               | 427 L.F.             | 428 L.F.   | K. CAMPBELL/LAB/MANHOLES |
| 3/4" WHC          | 521 L.F.             | 104 L.F.   | "                        |
| 8" SEWER (PVC)    | 1820 L.F.            | 1819 L.F.  | J.M. MANUFACTURING/VALVE |
| 8" SEWER (DIP)    | 435 L.F.             | 434 L.F.   | C.P. GRIFLIN PIPE        |
| MANHOLES          | 14                   | 14         | CONCRETE                 |
| 4" SH             | 1,289 L.F.           | 1,199 L.F. | CONCRETE                 |
| 4" BHC            | 177 L.F.             | 16 L.F.    | C.P. GRIFLIN PIPE        |
| AIR RELEASE VALVE | 1                    | 1          | CALVAL/VALVE             |

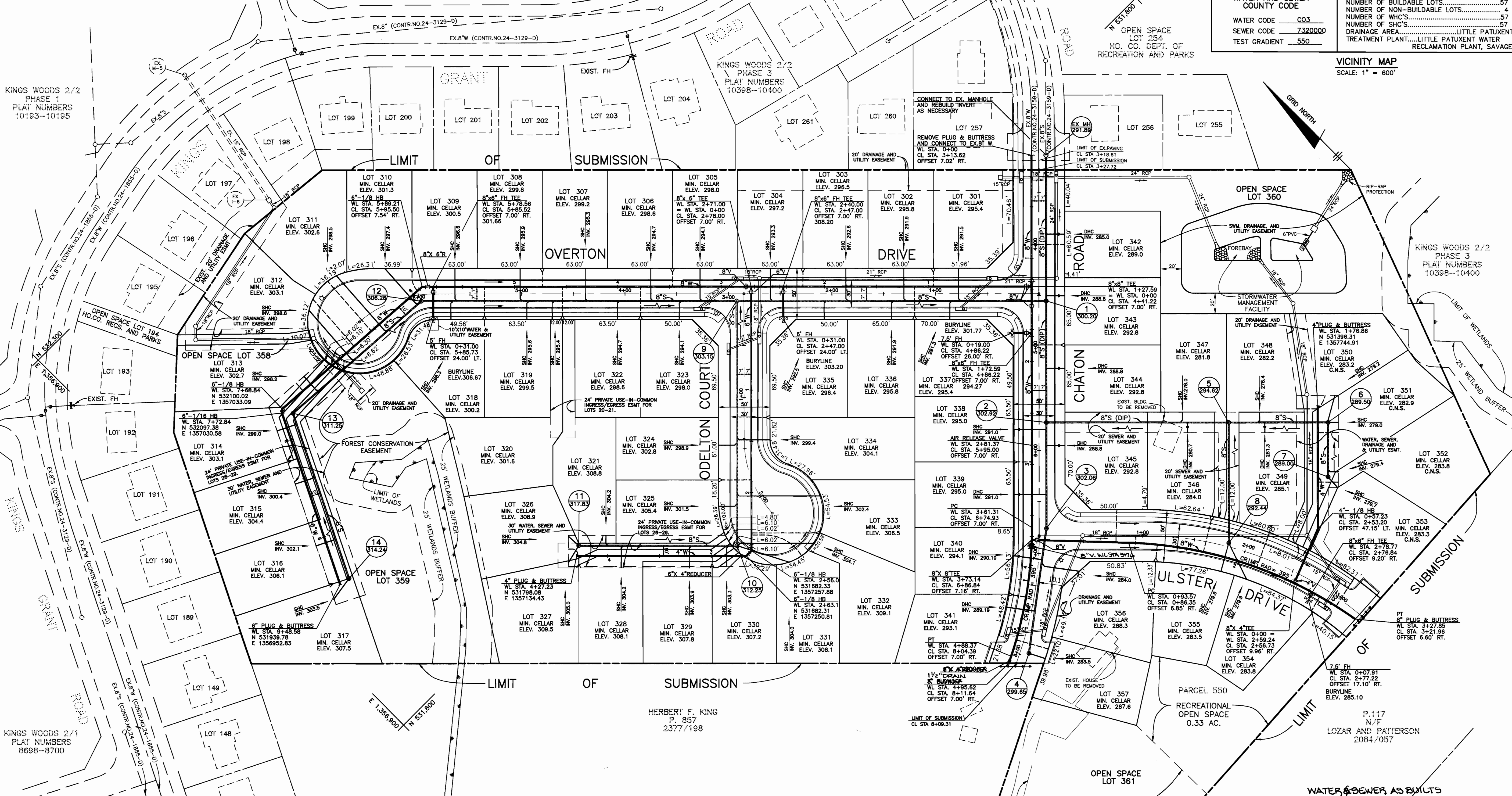
NAME OF UTILITY CONTRACTOR: UTILITIES UNLIMITED  
SURVEY AND DRAFTING DIVISION AS-BUILT DATE: 02/24/96

| BENCH MARKS                        |                 |
|------------------------------------|-----------------|
| HO. CO. #508A (NAD '83)            | ELEV. N/A       |
| STANDARD DISC ON CONCRETE MONUMENT |                 |
| N 52756.16702'                     | E 1359772.5936' |
| HO. CO. #508B (NAD '83)            | ELEV. 178.242'  |
| STANDARD DISC ON CONCRETE MONUMENT |                 |
| N 524999.3640'                     | E 1357925.6751' |



| WATER AND SEWER COUNTY CODE |         | TYPE OF BUILDINGS - SINGLE FAMILY DETACHED |                 |
|-----------------------------|---------|--|-----------------|
| WATER CODE                  | 003     | NUMBER OF BUILDABLE LOTS                   | 57              |
| SEWER CODE                  | 7320000 | NUMBER OF NON-BUILDABLE LOTS               | 5               |
| RIP GRADIENT                | 550     | NUMBER OF WHCS                             | 57              |
|                             |         | DRAINAGE AREA                              | LITTLE PATUXENT |
|                             |         | TREATMENT PLANT                            | LITTLE PATUXENT |
|                             |         | RECLAMATION PLANT                          | SAVAGE          |

OPEN SPACE LOT 360  
HO. CO. DEPT. OF RECREATION AND PARKS  
VICINITY MAP  
SCALE: 1" = 600'



| DES:       | JH                   |
|------------|----------------------|
| DRN:       | JH                   |
| CHK:       | JME                  |
| DATE:      | 4-10-96              |
|            | 7-1-96               |
| BY:        | NO.                  |
| REVISIONS: |                      |
| DATE:      |                      |
|            | 600 SCALE MAP NO. 47 |
|            | BLOCK 15,16,21, & 22 |

**PLAN OF WATER AND SEWER MAINS**

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND

**TSA GROUP, INC.**  
planning • engineering • surveying  
8480 Baltimore National Pike Suite 418  
Ellicott City, Maryland 21043

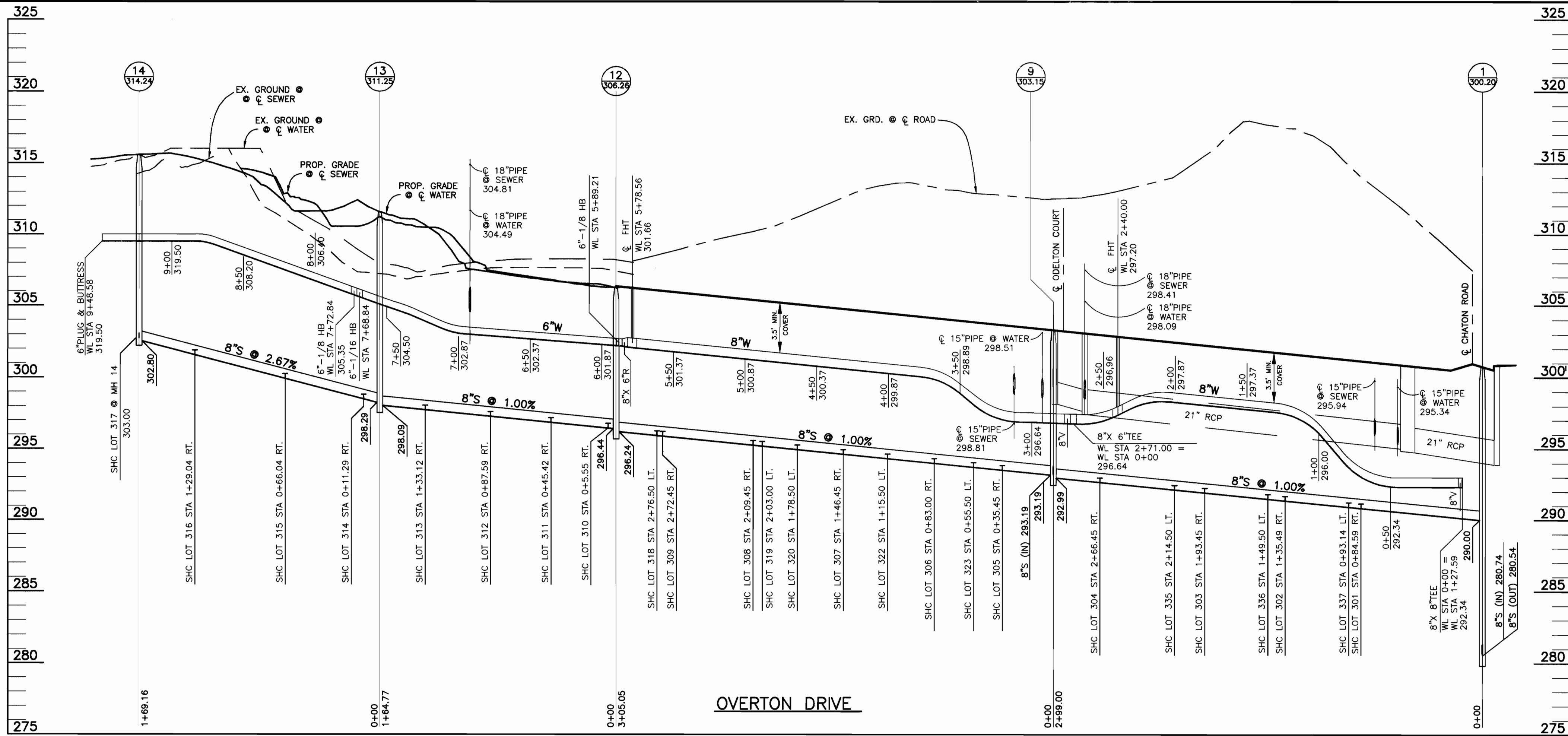


**KINGS WOODS**  
SECTION 4 LOTS 301-361  
(KING PROPERTY)  
ELECTION DISTRICT NO. 6  
CONTRACT NO. 24-3496-D

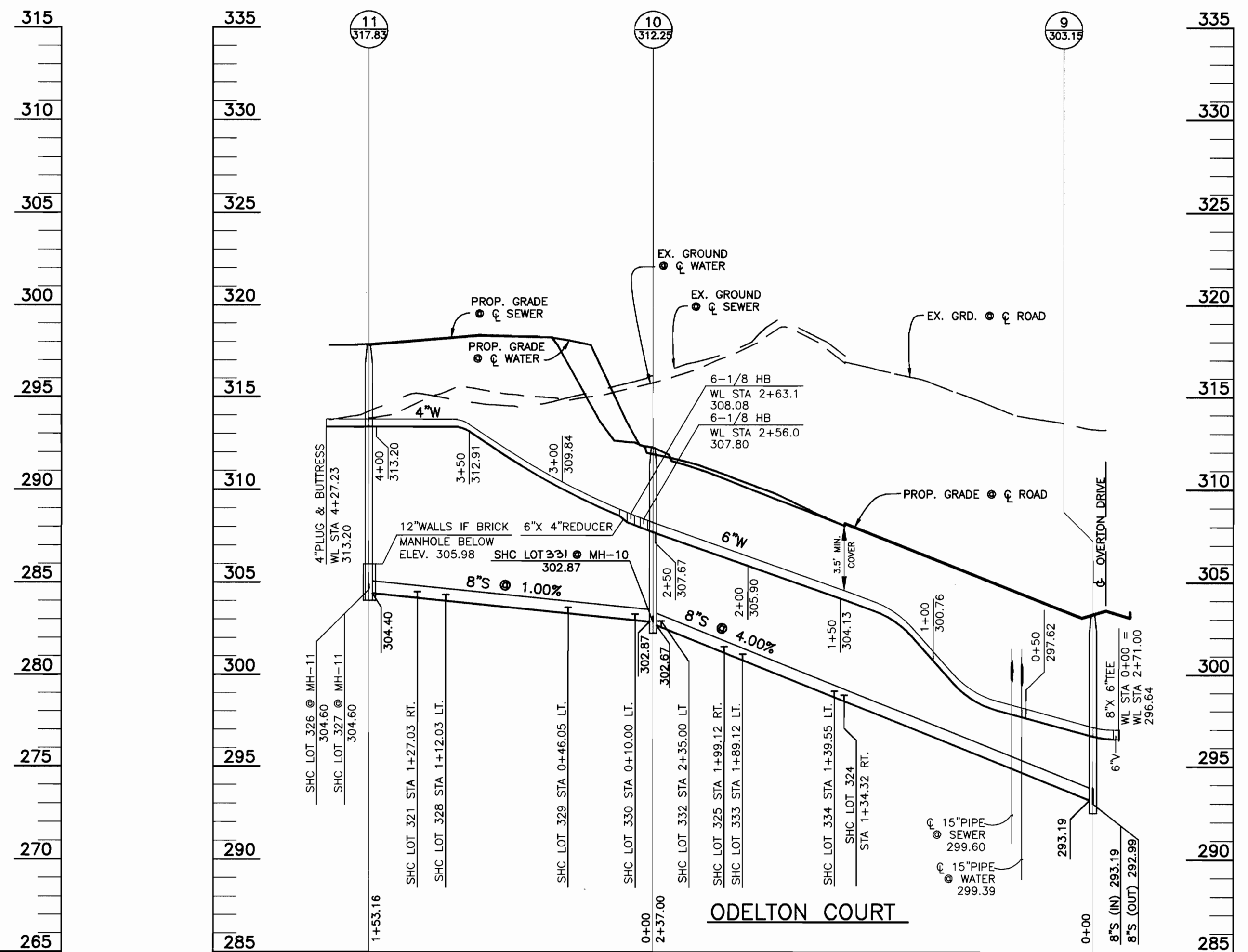
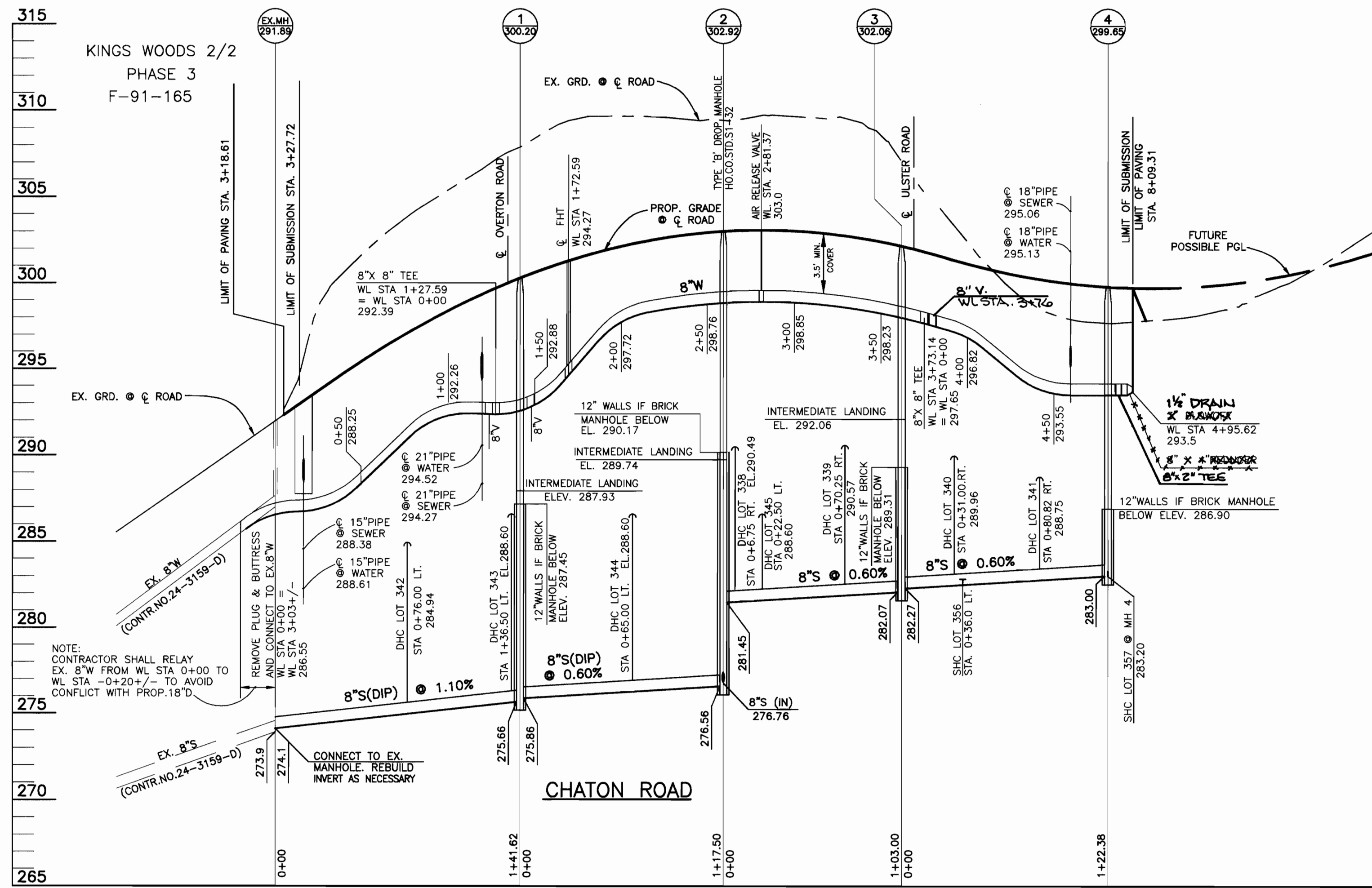
SCALE:  
1" = 50'  
SHEET NO.  
1 OF 3

WATER AS-BUILTS (CONTINUED)

| FROM:       | TO:     | DIST.: | FROM:       | TO:     | DIST.: |
|-------------|---------|--------|-------------|---------|--------|
| SD1-5       | LOT 301 | 45'    | PH STA 2+40 | LOT 318 | 45'    |
| SD1-5       | LOT 302 | 52'    | PH STA 2+40 | LOT 319 | 53'    |
| PH STA 2+40 | LOT 303 | 54'    | PH STA 2+40 | LOT 320 | 122'   |
| PH STA 2+40 | LOT 304 | 52'    | PH STA 2+40 | LOT 321 | 123'   |
| MH-9        | LOT 304 | 69'    | MH-12       | LOT 321 | 142'   |
| MH-9        | LOT 303 | 74'    | MH-12       | LOT 320 | 135'   |
| MH-9        | LOT 305 | 67'    | MH-12       | LOT 319 | 67'    |
| MH-9        | LOT 306 | 73'    | MH-12       | LOT 318 | 60'    |
| SD1-7       | LOT 305 | 41'    | MH-9        | LOT 323 | 92'    |
| SD1-7       | LOT 306 | 51'    | MH-9        | LOT 322 | 98'    |
| PH STA 2+40 | LOT 307 | 119'   | SD1-7       | LOT 323 | 56'    |
| PH STA 2+40 | LOT 308 | 113'   | SD1-7       | LOT 322 | 62'    |
| MH-12       | LOT 308 | 118'   | SD1-9       | LOT 324 | 122'   |
| MH-12       | LOT 307 | 124'   | SD1-9       | LOT 325 | 130'   |
| MH-12       | LOT 309 | 35'    | MH-10       | LOT 325 | 62'    |
| MH-12       | LOT 310 | 35'    | MH-10       | LOT 324 | 70'    |
| PH STA 2+40 | LOT 310 | 56'    | MH-10       | LOT 330 | 30'    |
| PH STA 2+40 | LOT 309 | 54'    | MH-10       | LOT 329 | 35'    |
| MH-12       | LOT 311 | 94'    | MH-10       | LOT 328 | 190'   |
| MH-12       | LOT 312 | 106'   | MH-10       | LOT 327 | 151'   |
| SDMH-7      | LOT 312 | 33'    | MH-10       | LOT 326 | 164'   |
| SDMH-7      | LOT 311 | 56'    | MH-11       | LOT 326 | 12'    |
| SDMH-7      | LOT 313 | 47'    | MH-11       | LOT 327 | 23'    |
| SDMH-7      | LOT 314 | 121'   | MH-11       | LOT 328 | 25'    |
| SDMH-7      | LOT 315 | 126'   | MH-11       | LOT 329 | 127'   |
| MH-13       | LOT 313 | 30'    | MH-11       | LOT 330 | 134'   |
| MH-13       | LOT 314 | 45'    | MH-10       | LOT 331 | 62'    |
| MH-13       | LOT 315 | 50'    | MH-10       | LOT 332 | 79'    |
| MH-13       | LOT 316 | 168'   | MH-10       | LOT 333 | 80'    |
| MH-13       | LOT 317 | 174'   | LOT 331     | LOT 332 | 26'    |
| MH-14       | LOT 316 | 20'    | LOT 331     | LOT 333 | 32'    |
| MH-14       | LOT 317 | 21'    | LOT 332     | LOT 333 | 7'     |



| FROM:       | TO:               | DIST.: |
|-------------|-------------------|--------|
| SD1-9       | LOT 333           | 73'    |
| SD1-9       | LOT 334           | 79'    |
| SD1-8       | LOT 335           | 75'    |
| SD1-4       | LOT 337           | 81'    |
| SD1-4       | LOT 336           | 87'    |
| SD1-5       | LOT 337           | 45'    |
| SD1-5       | LOT 336           | 52'    |
| PH STA 2+40 | 6" FHV            | 30'    |
| PH STA 2+40 | 6" V. STA 2+102   | 42'    |
| PH STA 2+40 | 6" V. STA 2+113   | 44'    |
| MH-9        | 6" FHV. STA 2+40  | 46'    |
| MH-9        | 6" V. STA 2+102   | 18'    |
| MH-9        | 6" V. STA 2+113   | 17'    |
| PH STA 2+40 | 6" FHV            | 30'    |
| MH-12       | 6" FHV. STA 2+113 | 16'    |



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HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND

TSA GROUP, INC.

planning • engineering • surveying  
8480 Baltimore National Pike Suite 418  
Ellicott City, Maryland 21043



DES: JH  
DRN: JH  
CHK: JME  
DATE: 4-10-96  
7-1-96

REVISIONS

WATER AND SEWER  
PROFILES

600 SCALE MAP NO. 47

BLOCK 15,16,21 & 22

KINGS WOODS

SECTION 4 LOTS 301-361  
(KING PROPERTY)  
ELECTION DISTRICT NO. 6

CONTRACT NO.24-3496-D

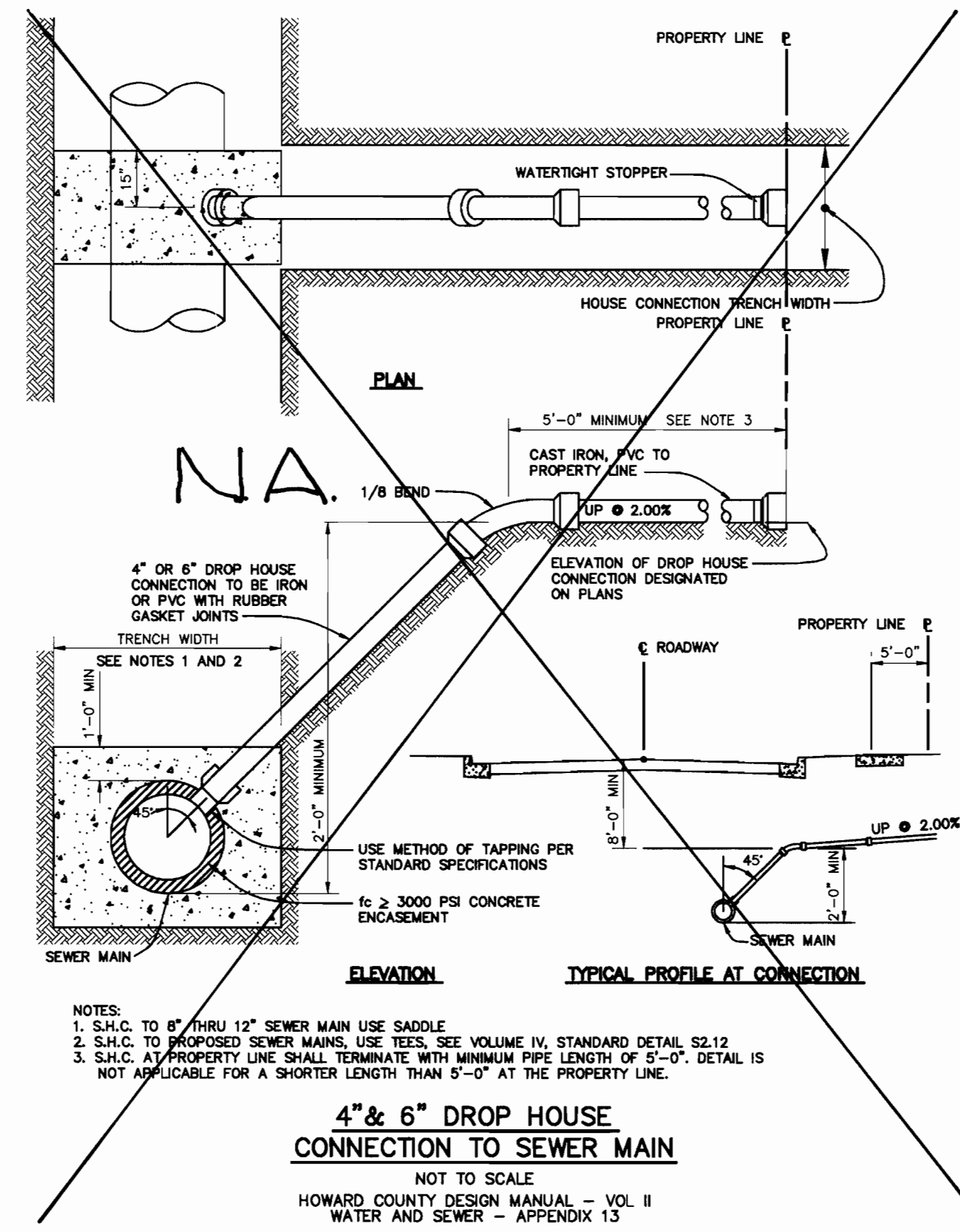
SCALE:  
1" = 50'

SHEET NO.  
2 OF 3

*Robert J. ...*  
7-9-96  
DATE

*Michael J. ...*  
7/2/96  
DATE

| SEWER AS BUILTS |         |        |        |         |        |
|-----------------|---------|--------|--------|---------|--------|
| FROM:           | TO:     | DIST.: | FROM:  | TO:     | DIST.: |
| EX.MH           | LOT 342 | 77'    | MH6    | LOT 352 | 50'    |
| EX.MH           | LOT 343 | 134'   | MH6    | LOT 353 | 66'    |
| MH-1            | LOT 343 | 21'    | MH-7   | LOT 353 | 16'    |
| MH-1            | LOT 342 | 69'    | MH-7   | LOT 352 | 12'    |
| MH-1            | LOT 344 | 66'    | MH-7   | LOT 351 | 55'    |
| MH-2            | LOT 344 | 58'    | MH-7   | LOT 350 | 82'    |
| MH-2            | LOT 338 | 31'    | MH-7   | LOT 354 | 127'   |
| MH-2            | LOT 339 | 76'    | MH-7   | LOT 355 | 137'   |
| MH-2            | LOT 345 | 30'    | MH-8   | LOT 355 | 28'    |
| MH-3            | LOT 345 | 82'    | MH-8   | LOT 354 | 40'    |
| MH-3            | LOT 339 | 48'    | MH-1   | LOT 337 | 34'    |
| MH-3            | LOT 338 | 100'   | MH-1   | LOT 301 | 92'    |
| MH-3            | LOT 340 | 45'    | SD1-4  | LOT 301 | 34'    |
| MH-3            | LOT 336 | 53'    | SD1-9  | LOT 337 | 18'    |
| MH-3            | LOT 341 | 89'    | SD1-4  | LOT 302 | 89'    |
| MH-3            | LOT 357 | 128'   | SD1-4  | LOT 303 | 141'   |
| MH-4            | LOT 357 | 17'    | SD1-9  | LOT 302 | 69'    |
| MH-4            | LOT 341 | 53'    | SD1-9  | LOT 303 | 121'   |
| MH-4            | LOT 340 | 98'    | SDMH-9 | LOT 304 | 12'    |
| MH-4            | LOT 356 | 98'    | SD1-6  | LOT 304 | 36'    |
| MH-2            | LOT 347 | 135'   | MH-9   | LOT 305 | 47'    |
| MH-2            | LOT 346 | 138'   | MH-9   | LOT 306 | 90'    |
| MH-5            | LOT 346 | 44'    | SD1-7  | LOT 305 | 41'    |
| MH-5            | LOT 347 | 46'    | SD1-7  | LOT 306 | 64'    |
| MH-8            | LOT 348 | 31'    | SD1-7  | LOT 307 | 119'   |
| MH-5            | LOT 349 | 55'    | MH-12  | LOT 310 | 48'    |
| MH-6            | LOT 349 | 66'    | MH-12  | LOT 309 | 45'    |
| MH-6            | LOT 348 | 69'    | MH-12  | LOT 308 | 100'   |
| MH-6            | LOT 350 | 27'    | FH     | LOT 308 | 87'    |
| MH-6            | LOT 351 | 8'     | FH     | LOT 309 | 53'    |
|                 |         |        | MH-3   | LOT 307 | 150'   |

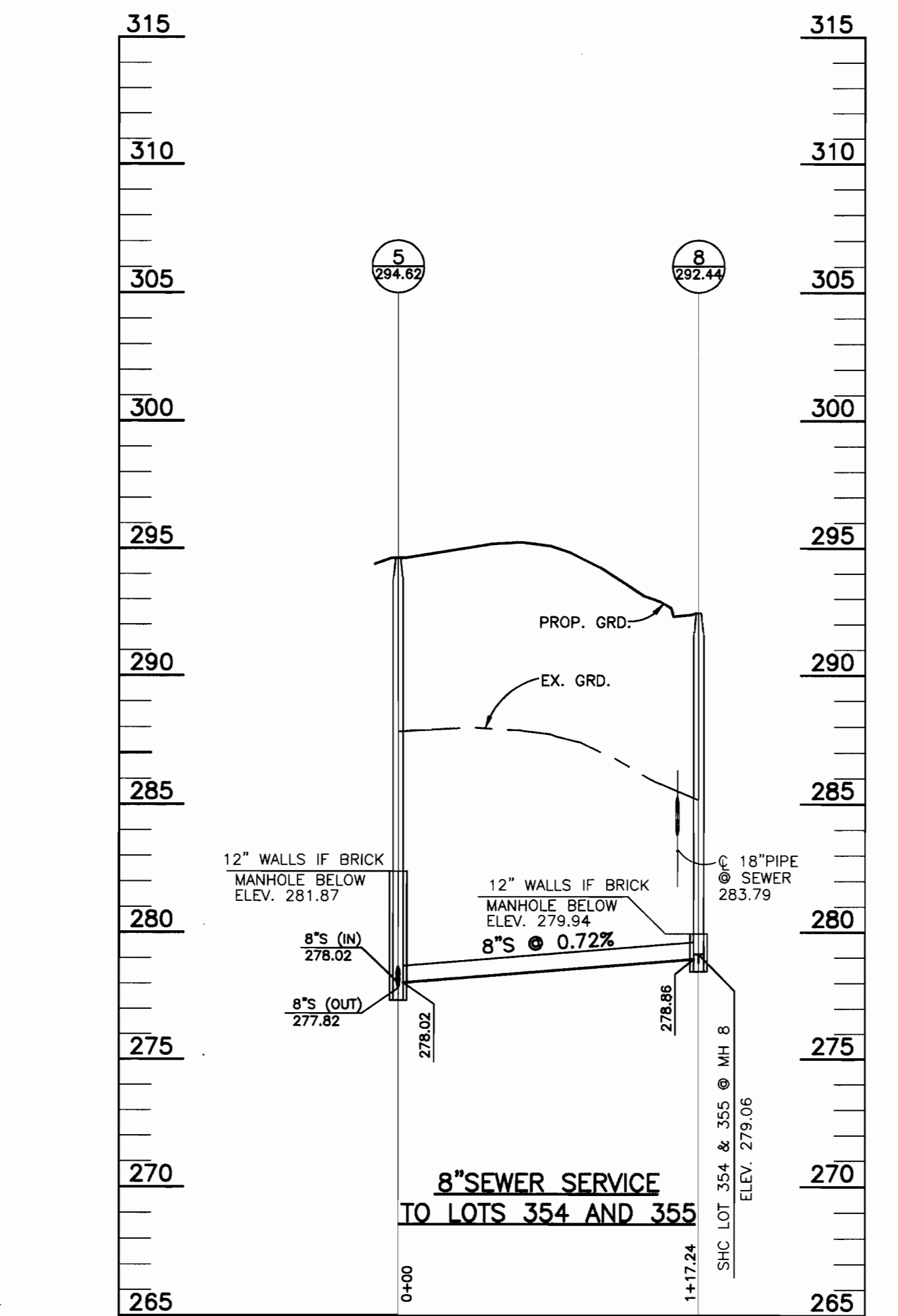
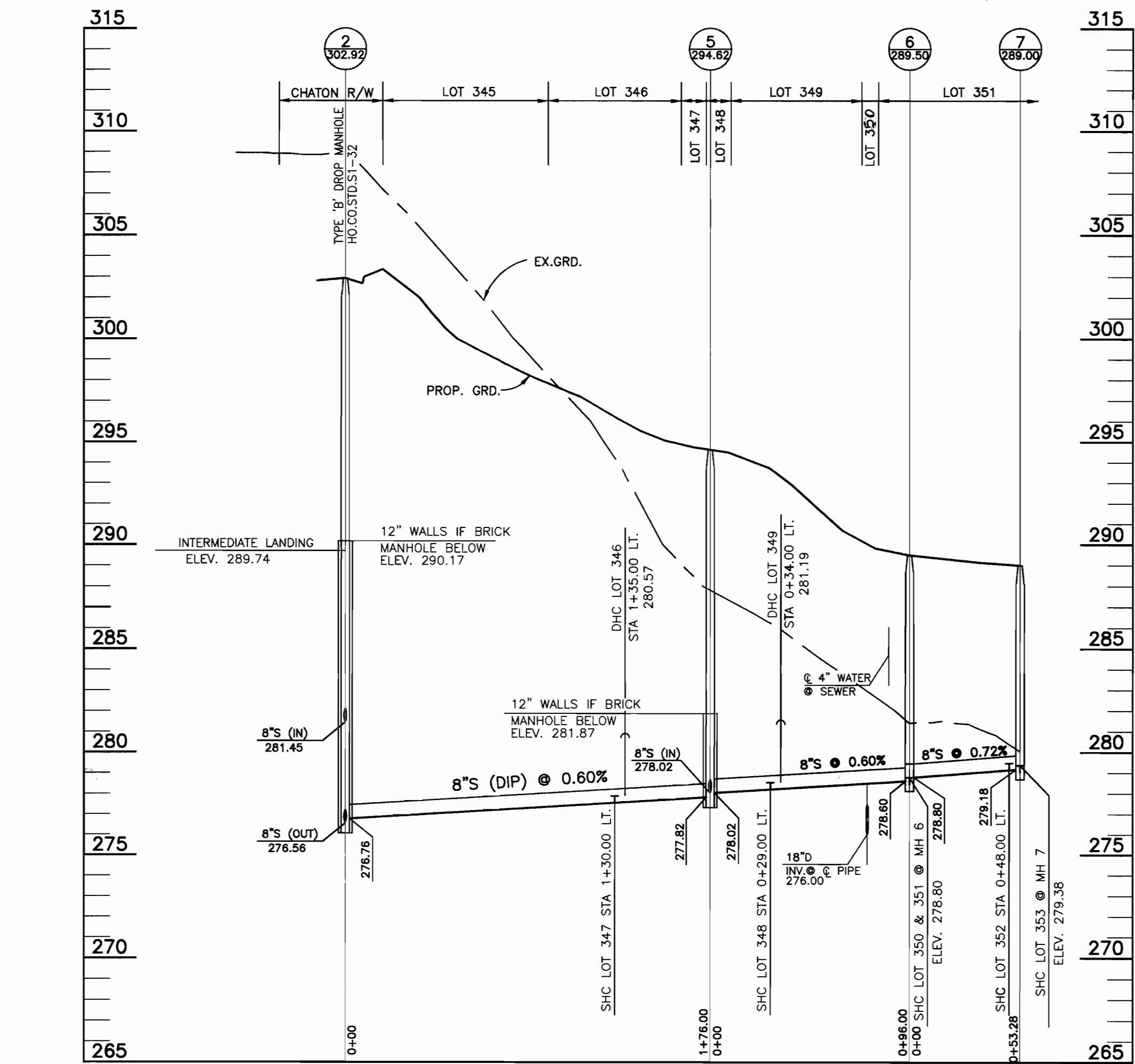
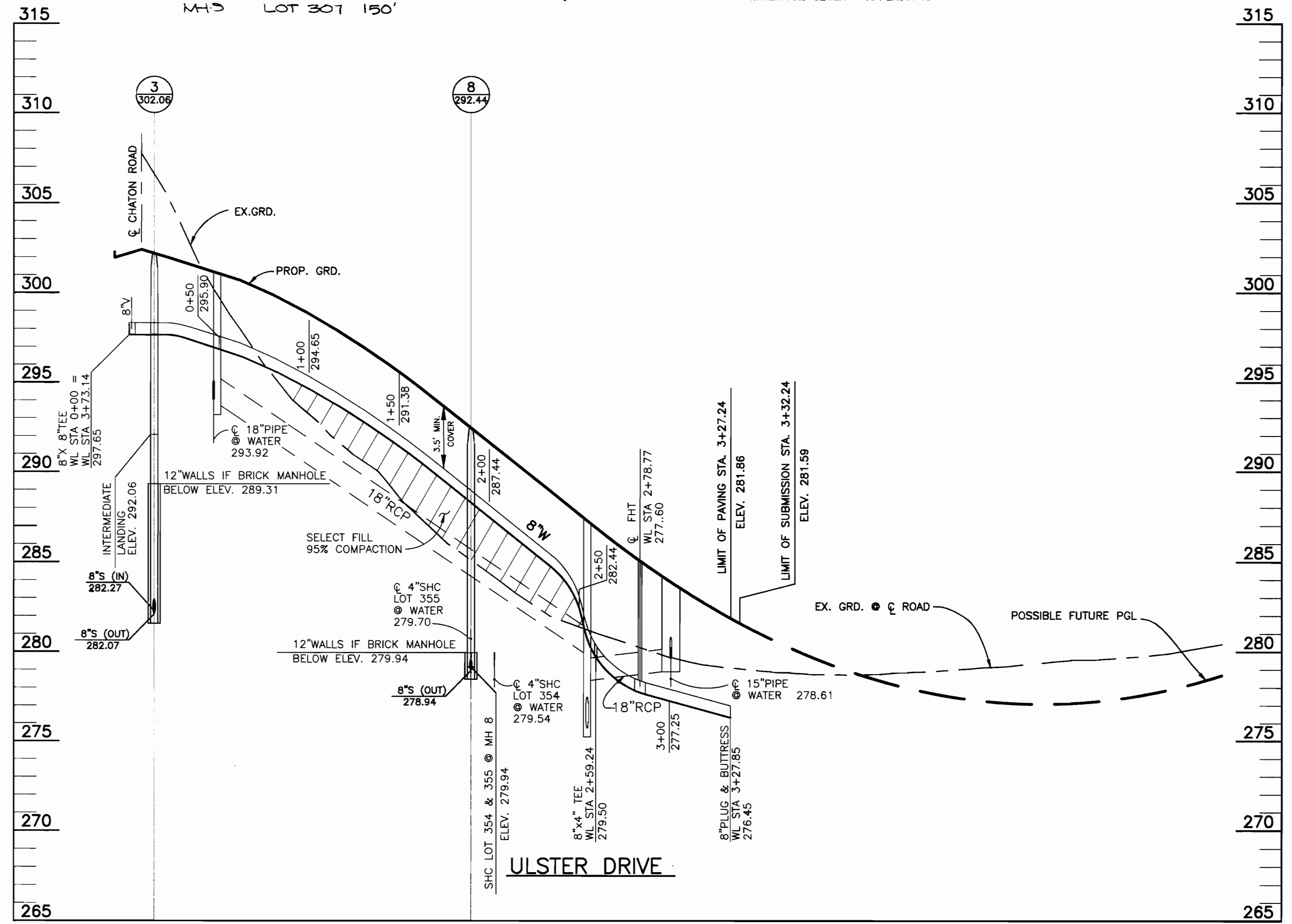
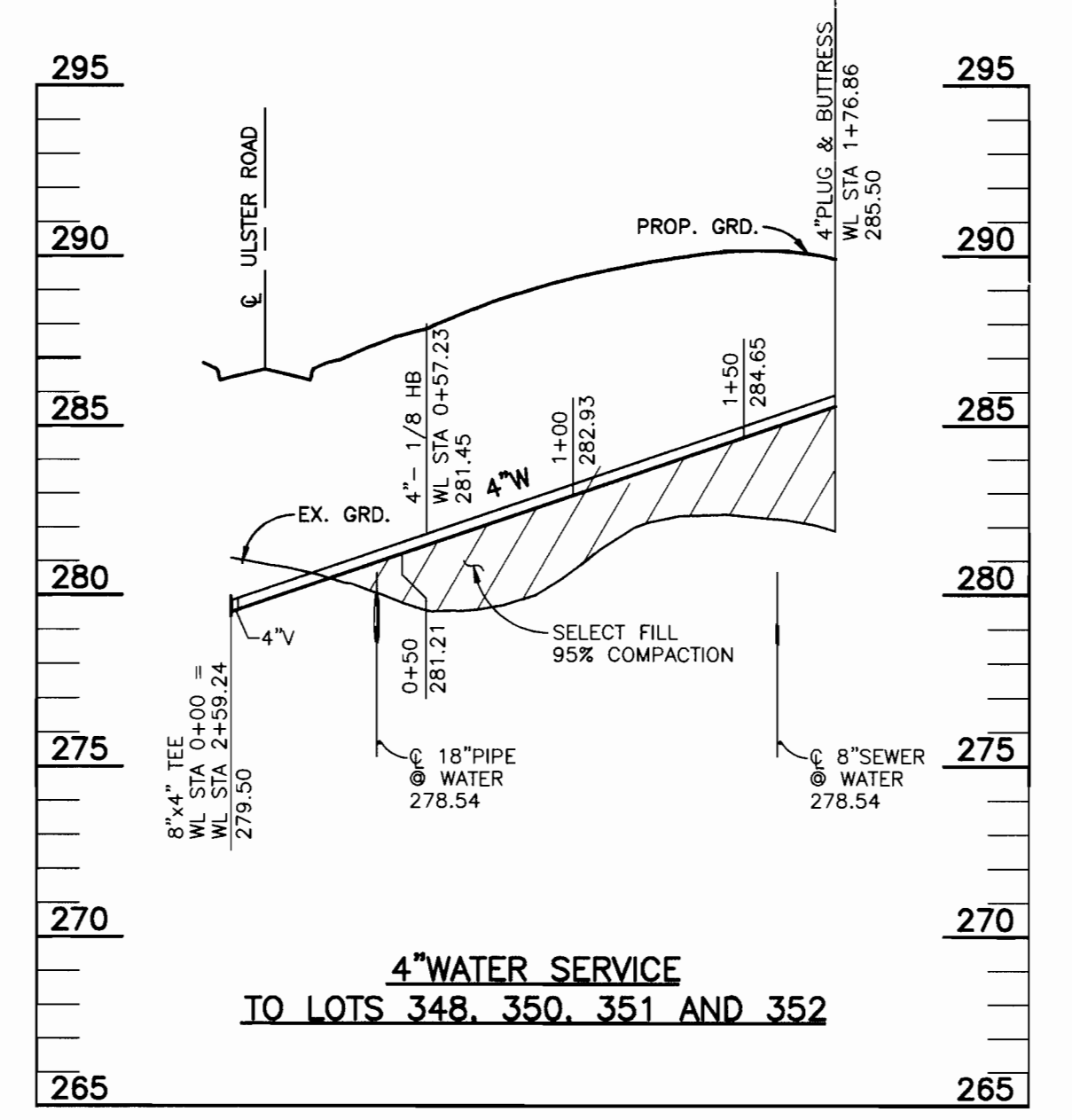


| CON'T. |         |        |         |         |        |
|--------|---------|--------|---------|---------|--------|
| FROM:  | TO:     | DIST.: | FROM:   | TO:     | DIST.: |
| FH     | LOT 310 | 68'    | MH 10   | LOT 326 | 163'   |
| FH     | LOT 311 | 103'   | MH 10   | LOT 327 | 166'   |
| FH     | LOT 312 | 122'   | MH 10   | LOT 328 | 114'   |
| MH12   | LOT 311 | 86'    | MH 10   | LOT 329 | 51'    |
| MH12   | LOT 312 | 110'   | MH 10   | LOT 330 | 23'    |
| MH12   | LOT 313 | 134'   | MH 11   | LOT 321 | 27'    |
| MH13   | LOT 313 | 39'    | MH 11   | LOT 326 | 14'    |
| MH13   | LOT 314 | 24'    | MH 11   | LOT 327 | 30'    |
| MH13   | LOT 315 | 70'    | MH 11   | LOT 328 | 46'    |
| MH13   | LOT 316 | 131'   | MH 11   | LOT 329 | 108'   |
| MH13   | LOT 317 | 184'   | MH 11   | LOT 330 | 144'   |
| MH14   | LOT 317 | 26'    | MH 10   | LOT 331 | 52'    |
| MH14   | LOT 316 | 41'    | MH 10   | LOT 332 | 75'    |
| MH14   | LOT 315 | 101'   | MH 10   | LOT 333 | 36'    |
| MH14   | LOT 314 | 156'   | LOT 330 | LOT 331 | 61'    |
| MH14   | LOT 313 | 156'   | LOT 331 | LOT 332 | 31'    |
| FH     | LOT 318 | 17'    | LOT 332 | LOT 333 | 46'    |
| FH     | LOT 319 | 90'    | LOT 333 | LOT 334 | 71'    |
| FH     | LOT 320 | 115'   | SD1-8   | LOT 334 | 101'   |
| MH12   | LOT 318 | 24'    | MH9     | LOT 334 | 140'   |
| MH12   | LOT 319 | 104'   | MH9     | LOT 335 | 87'    |
| MH12   | LOT 320 | 128'   | MH9     | LOT 336 | 150'   |
| MH9    | LOT 323 | 99'    | FH      | LOT 335 | 40'    |
| MH9    | LOT 322 | 116'   | FH      | LOT 336 | 104'   |
| SD1-7  | LOT 323 | 24'    |         |         |        |
| SD1-7  | LOT 322 | 81'    |         |         |        |
| SD1-9  | LOT 324 | 92'    |         |         |        |
| SD1-9  | LOT 325 | 151'   |         |         |        |
| MH10   | LOT 325 | 44'    |         |         |        |
| MH10   | LOT 324 | 100'   |         |         |        |
| MH10   | LOT 321 | 127'   |         |         |        |

| WATER AS BUILTS |       |        |       |     |        |
|-----------------|-------|--------|-------|-----|--------|
| FROM:           | TO:   | DIST.: | FROM: | TO: | DIST.: |
| MH1             | 8\"/> |        |       |     |        |

| WATER AS BUILTS |         |        |        |           |        |
|-----------------|---------|--------|--------|-----------|--------|
| FROM:           | TO:     | DIST.: | FROM:  | TO:       | DIST.: |
| MH8             | LOT 347 | 30'    | SDMH11 | LOT 345   | 38'    |
| MH8             | LOT 346 | 34'    | SDMH11 | LOT 346   | 71'    |
| MH8             | LOT 356 | 70'    | SDMH11 | LOT 346   | 76'    |
| MH8             | LOT 345 | 119'   | SD13   | LOT 351   | 20'    |
| SDMH11          | LOT 345 | 38'    | SD13   | 1 1/2\"/> |        |

| WATER AS BUILTS |           |        |       |         |        |
|-----------------|-----------|--------|-------|---------|--------|
| FROM:           | TO:       | DIST.: | FROM: | TO:     | DIST.: |
| SDMH11          | LOT 346   | 71'    | MH4   | LOT 341 | 78'    |
| SDMH11          | LOT 346   | 76'    | MH3   | LOT 341 | 70'    |
| SDMH11          | LOT 346   | 119'   | MH3   | LOT 339 | 70'    |
| SD13            | LOT 351   | 20'    | MH2   | LOT 338 | 75'    |
| MH4             | LOT 357   | 21'    | MH2   | LOT 338 | 45'    |
| SD13            | 1 1/2\"/> |        |       |         |        |



DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*Robert Deane* 7-9-96  
CHIEF, BUREAU OF UTILITIES

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND

*John J. ...*  
CHIEF, DEVELOPMENT ENGINEERING DIVISION

TSA GROUP, INC.  
planning • engineering • surveying  
8480 Baltimore National Pike Suite 418  
Ellicott City, Maryland 21043



|       |         |    |     |  |  |
|-------|---------|----|-----|--|--|
| DES:  | JH      |    |     |  |  |
| DRN:  | JH      |    |     |  |  |
| CHK:  | JME     |    |     |  |  |
| DATE: | 4-10-96 |    |     |  |  |
|       | 7-1-96  | BY | NO. |  |  |

| REVISIONS |                      |
|-----------|----------------------|
| NO.       | DATE                 |
| 1         | 600 SCALE MAP NO. 47 |
| 2         | BLOCK 15,16,21 & 22  |

KINGS WOODS  
SECTION 4 LOTS 301-361  
(KING PROPERTY)  
ELECTION DISTRICT NO. 6

CONTRACT NO.24-3496-D

SCALE:  
1" = 50'

SHEET NO.  
3 OF 3