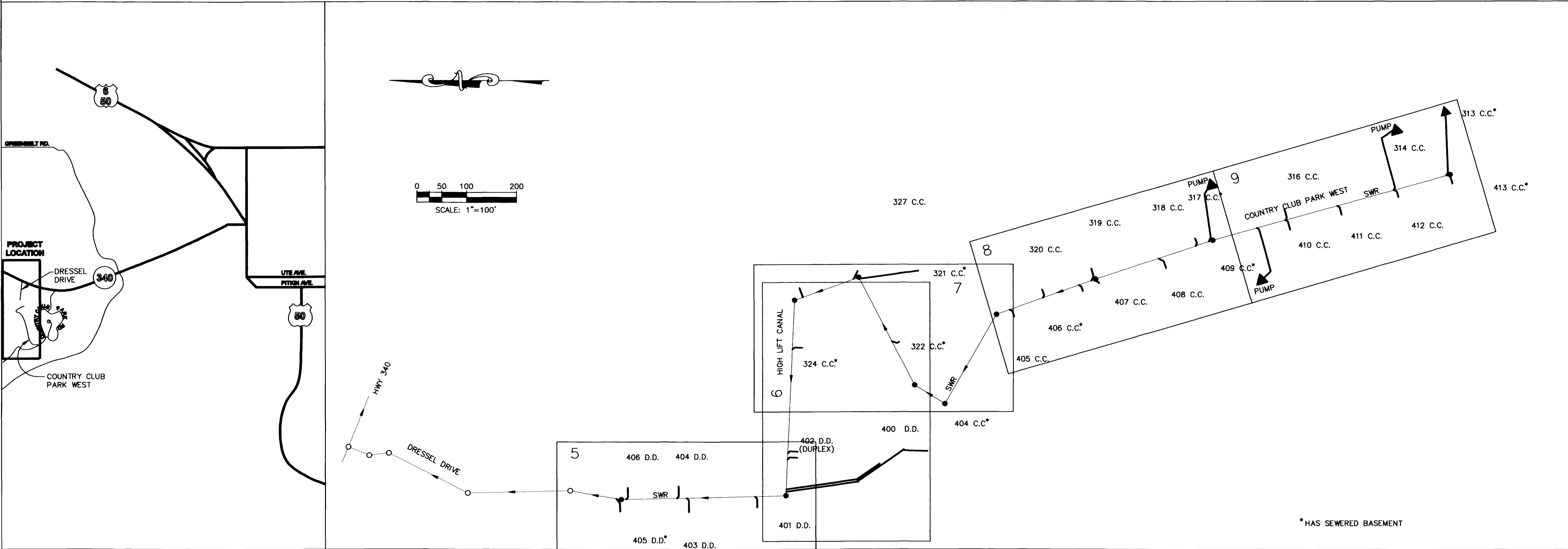


COUNTRY CLUB PARK + DRESSEL DRIVE SANITARY SEWER IMPROVEMENT DISTRICTS

City of Grand Junction

SHEET LAYOUT

VICINITY MAP



Prepared By:
Williams Engineering
1231 19 Road
Fruita, CO 81521
(970) 858-1014 Voice
(970) 858-1007 Fax

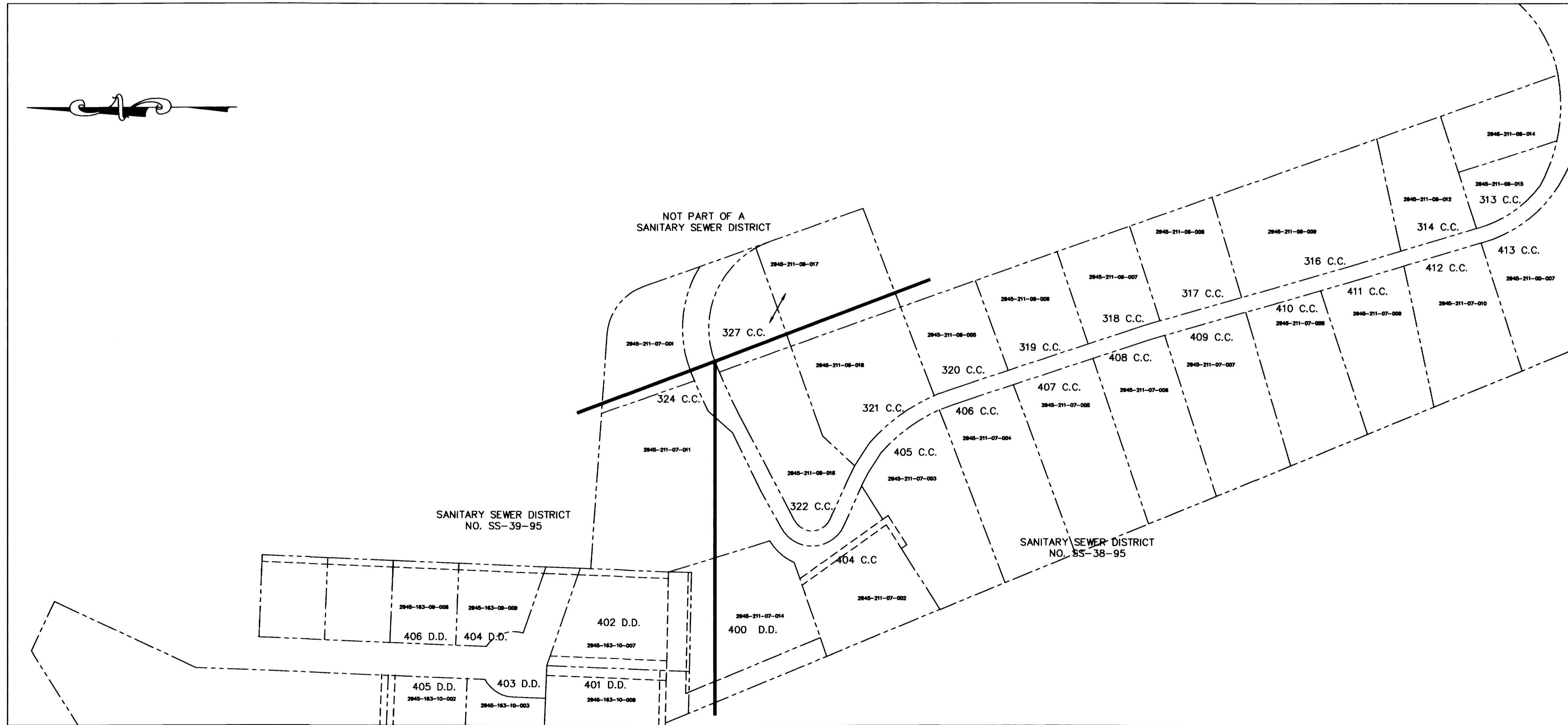
SHEET INDEX

- | | |
|---------------------------------------|--|
| 1. Cover Sheet | 6. Plan & Profile Along Canal |
| 2. Property Ownership Map | 7. Canal to Bluff Plan & Profile |
| 3. Quantities Summary | 8. Country Club Park West Plan & Profile (North Segment) |
| 4. Standard Abbreviations and Symbols | 9. Country Club Park West Plan & Profile (South Segment) |
| 5. Dressel Drive Plan & Profile | 10. Standard Sanitary Sewer Details |

AS CONSTRUCTED

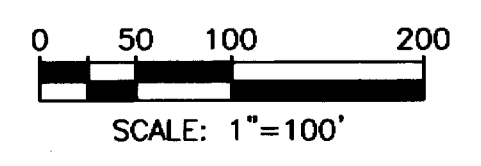
| SANITARY SEWER DISTRICT No. | PARCEL No. | STREET ADDRESS | OWNER NAME(S) | OWNER ADDRESS |
|-----------------------------|-----------------|-----------------------|--------------------------------------|---|
| SS-38-95 | 2945-211-00-007 | 413 COUNTRY CLUB PARK | OBIE J. ATKINSON | SAME |
| SS-38-95 | 2945-211-06-005 | 320 COUNTRY CLUB PARK | PATRICIA A. SCHRADER & LEE E. GELATT | SAME |
| SS-38-95 | 2945-211-06-006 | 319 COUNTRY CLUB PARK | ROBERT D. & COLLEEN PLATTS | SAME |
| SS-38-95 | 2945-211-06-007 | 318 COUNTRY CLUB PARK | S. P. & A. S. CHRISTENSEN | SAME |
| SS-38-95 | 2945-211-06-008 | 317 COUNTRY CLUB PARK | THOMAS C. & JANET ROOKLIDGE | SAME |
| SS-38-95 | 2945-211-06-009 | 316 COUNTRY CLUB PARK | TERRY D. & BRENDA ANDERSON | SAME |
| SS-38-95 | 2945-211-06-012 | 314 COUNTRY CLUB PARK | HOWARD & MARJORIE EBRIGHT | SAME |
| SS-38-95 | 2945-211-06-015 | 313 COUNTRY CLUB PARK | DANIEL & JACQUELINE ROBERTS | SAME |
| SS-38-95 | 2945-211-06-016 | 322 COUNTRY CLUB PARK | RONALD P. DELANO | SAME |
| SS-38-95 | 2945-211-06-018 | 321 COUNTRY CLUB PARK | ZANE F. & LORI A. THOMPSON | P.O. BOX 4514 GRAND JUNCTION, CO 81502 |
| SS-38-95 | 2945-211-07-002 | 404 COUNTRY CLUB PARK | J. B. WOOTEN, TRUSTEE | SAME |
| SS-38-95 | 2945-211-07-003 | 405 COUNTRY CLUB PARK | BRUCE D. LAMBERT | SAME |
| SS-38-95 | 2945-211-07-004 | 406 COUNTRY CLUB PARK | THOMAS R. & LINDA J. MORAN | SAME |
| SS-38-95 | 2945-211-07-005 | 407 COUNTRY CLUB PARK | PETER P. & H. L. HEIDEL | SAME |
| SS-38-95 | 2945-211-07-006 | 408 COUNTRY CLUB PARK | ELSIE M. & CLYDE J. GRANERE | SAME |
| SS-38-95 | 2945-211-07-007 | 409 COUNTRY CLUB PARK | DAVID J. YANOWICH | SAME |
| SS-38-95 | 2945-211-07-008 | 410 COUNTRY CLUB PARK | GABRIEL & W. FISHER | W 21308 SR 904, CHENEY, WA 99004 |
| SS-38-95 | 2945-211-07-009 | 411 COUNTRY CLUB PARK | KENNETH E. MELSON & KAREN J. SLAUGH | SAME |
| SS-38-95 | 2945-211-07-010 | 412 COUNTRY CLUB PARK | ROBERT W. & LUELLA F. CROSS | SAME |
| SS-38-95 | 2945-211-07-014 | 400 DRESSEL DRIVE | ALVIN E. VAUGHN | SAME |
| SS-39-95 | 2945-163-09-008 | 406 DRESSEL DRIVE | RONALD & SUSAN RICHARDSON | SAME |
| SS-39-95 | 2945-163-09-009 | 404 DRESSEL DRIVE | CHARLES D. & SHIRLEY PENNAL | SAME |
| SS-39-95 | 2945-163-10-002 | 405 DRESSEL DRIVE | MARVIN P. & GWENDOLYN DOJONG | SAME |
| SS-39-95 | 2945-163-10-003 | 403 DRESSEL DRIVE | AMY N. ORENO & JAMES M. FARRELL | SAME |
| SS-39-95 | 2945-163-10-007 | 402 DRESSEL DRIVE | KAREN MARQUETTE, GENE & RODNEY GANA | 9113 EMERALD GROVE AVENUE, LAKESIDE, CA 92040 |
| SS-39-95 | 2945-163-10-008 | 401 DRESSEL DRIVE | JAMES A. & DIXIE L. FOLSOM | SAME |
| SS-39-95 | 2945-211-07-011 | 324 COUNTRY CLUB PARK | TERRY I. TUSBERG | SAME |

NOTE: PROPERTY LINES SHOWN ARE APPROXIMATE ONLY



AS CONSTRUCTED

| REVISION | DESCRIPTION | DATE |
|------------|---------------------|------|
| REVISION A | ADDED UTE WATERLINE | 3/96 |
| REVISION B | | |
| REVISION C | | |



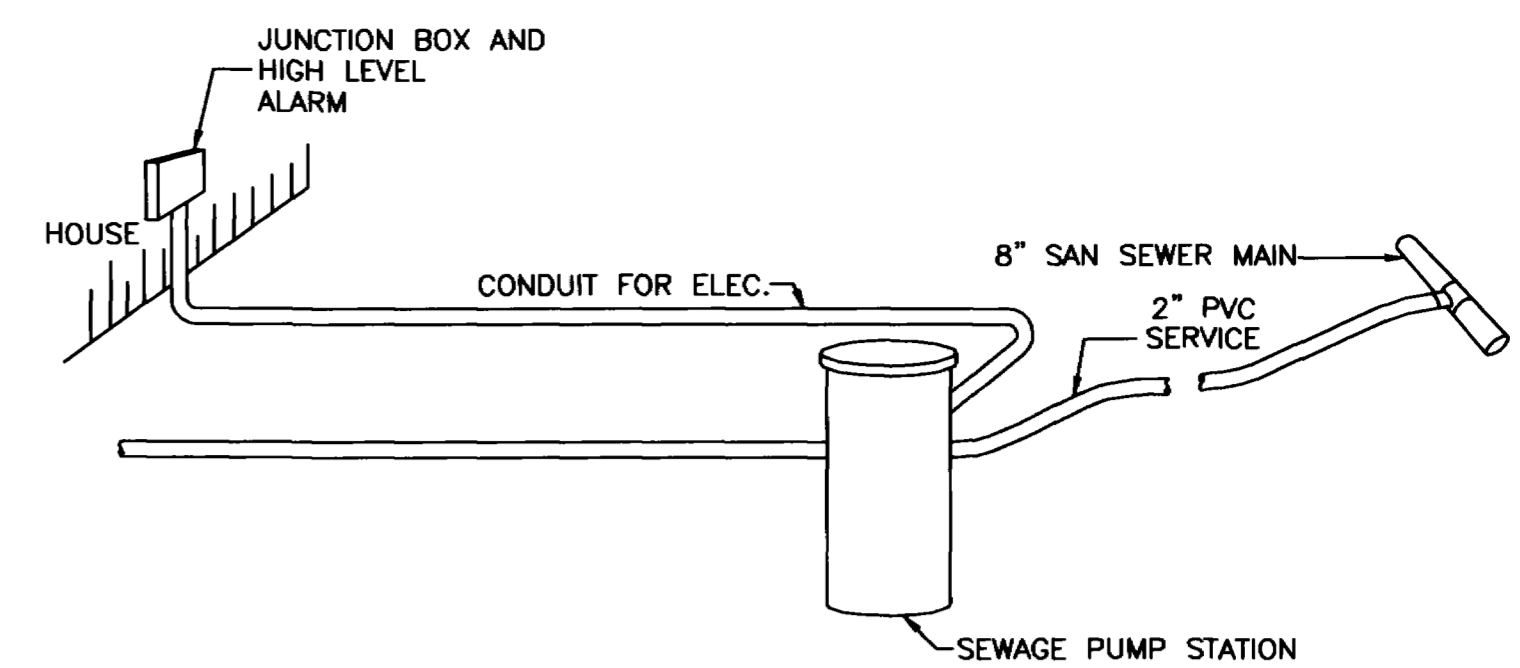
| SCALE | PLAN | PROFILE |
|----------------|--------------|-------------|
| HORIZ. 1"=100' | HORIZ. _____ | VERT. _____ |

WILLIAMS ENGINEERING
 1231 19 ROAD, FRUITA, COLORADO 81521-9689
 (970) 858-1014 PHONE (970) 858-1007 FAX

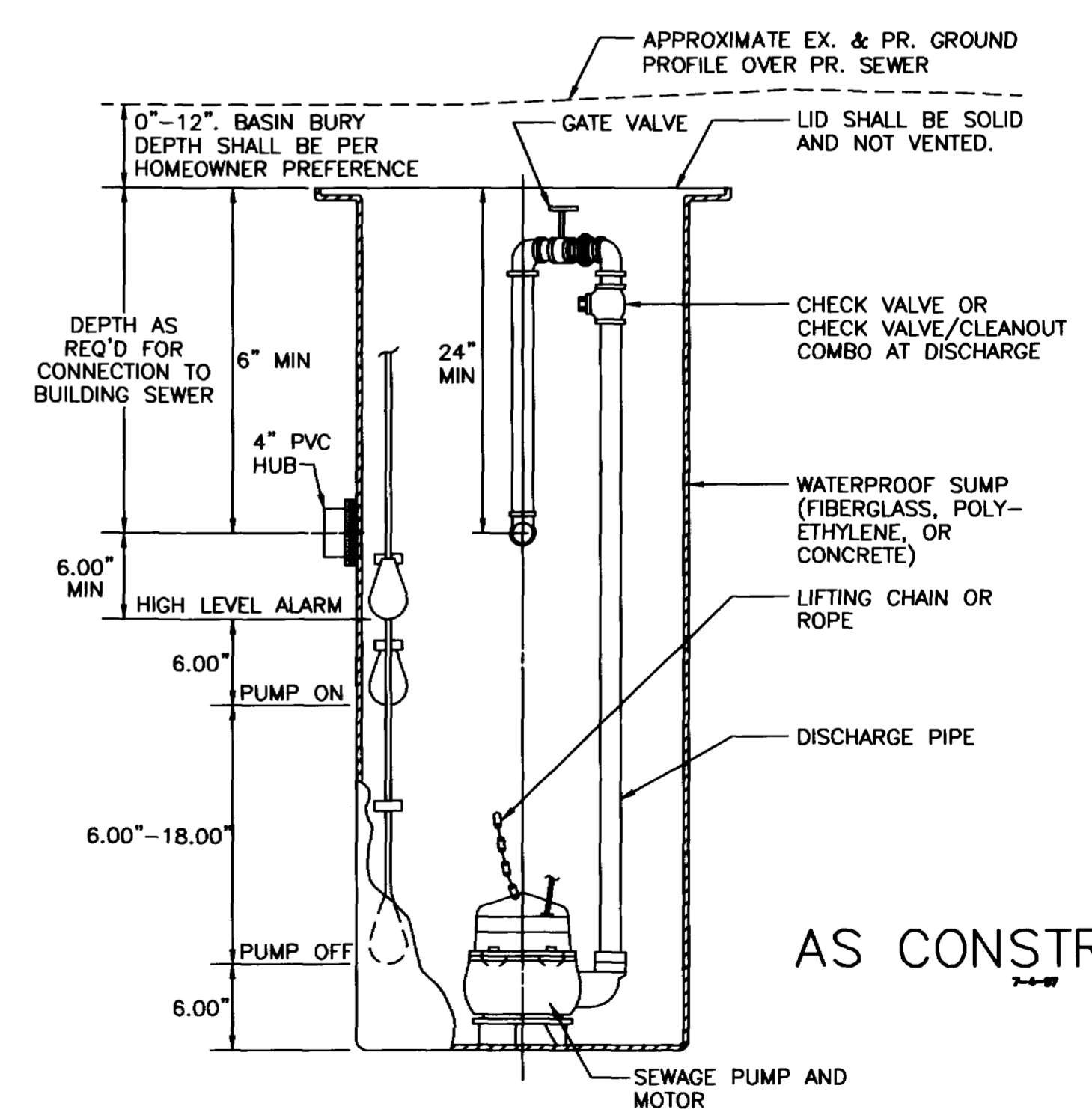
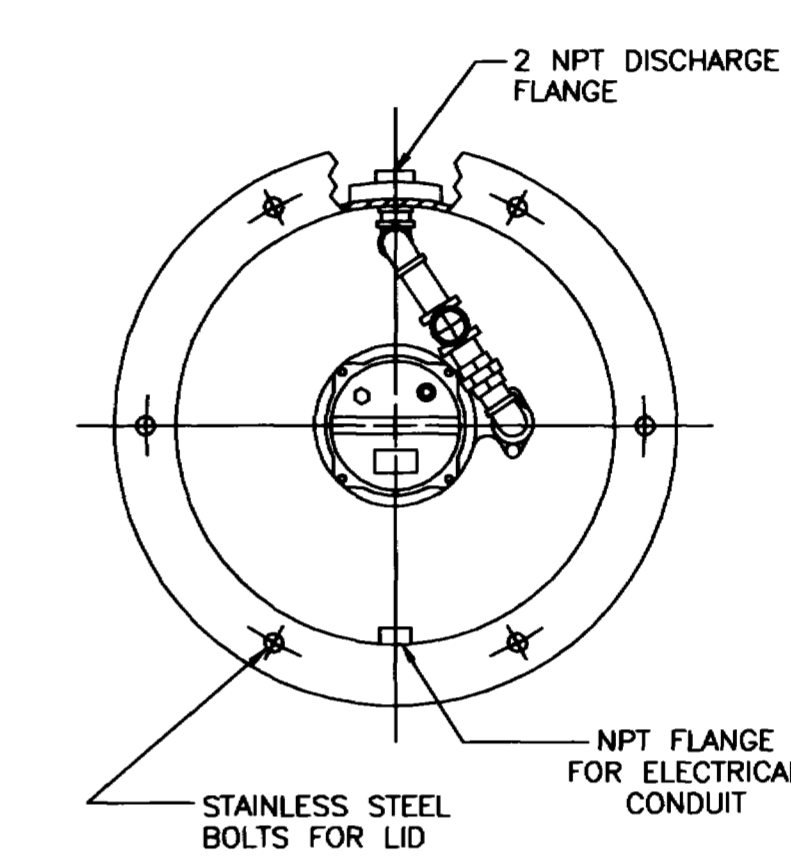
COUNTRY CLUB PARK & DRESSEL DRIVE
SEWER AND WATER LINE IMPROVEMENTS
 Property Ownership

SHEET 2 OF 10
 FILENAME
 SHT-2.DWG

| NUMBER | ITEM/REFERENCE NO. & DESCRIPTION OF WORK | UNITS | SANITARY SEWER IMPROVEMENT QUANTITIES | | | | | | | | | | TOTAL BOTH DISTRICTS | TOTAL |
|--------|---|-------|---------------------------------------|--------|-------|------------|--------|--------|---------|-------|--|--|----------------------|-------|
| | | | SCHEDULE A | | | SCHEDULE B | | | | | | | | |
| | | | SHT. 6 | SHT. 7 | MISC. | SHT. 7 | SHT. 8 | SHT. 9 | SHT. 10 | MISC. | | | | |
| 1 | 20.1 Construct SDR 35 PVC sanitary sewer. Support... | L.F. | 446 | 60 | --- | 333 | 650 | 504 | 448 | --- | | | 2441 | 2441 |
| 2 | 20.8 Remove existing plug & connect proposed sewerline. | EA. | 1 | --- | --- | --- | --- | --- | --- | --- | | | 1 | 1 |
| 3 | 22.1 Construct sanitary sewer MH. Use standard pipe... | | | | | | | | | | | | | |
| 3a | - < 8' Depth | EA. | --- | --- | --- | 1 | 1 | --- | --- | --- | | | 2 | 2 |
| 3b | - 8' to 12' Depth | EA. | --- | --- | --- | --- | 1 | --- | 1 | --- | | | 2 | 2 |
| 3c | - > 12' Depth | EA. | 2 | --- | --- | --- | 1 | --- | --- | --- | | | 3 | 3 |
| 4 | 22.2 Construct sanitary sewer MH. Lay pipe through... | | | | | | | | | | | | | |
| 4a | - < 8' Depth | EA. | --- | --- | --- | --- | 1 | 1 | --- | --- | | | 2 | 2 |
| 4b | - 8' to 12' Depth | EA. | --- | --- | --- | --- | --- | 1 | --- | --- | | | 1 | 1 |
| 4c | - > 12' Depth | EA. | --- | --- | --- | --- | --- | --- | --- | --- | | | 0 | 0 |
| 5 | 22.3 Construct drop MH connection and provide MH... | EA. | 1 | --- | --- | --- | --- | --- | --- | --- | | | 1 | 1 |
| 6 | 23.1 Construct sanitary sewer service and tap to the... | L.F. | 130 | 30 | --- | 510 | 135 | 153 | 226 | --- | | | 1184 | 1184 |
| 7 | 23.3 Construct sanitary sewer tap using an 8" x 4" full... | L.F. | --- | --- | --- | --- | --- | 21 | 79 | --- | | | 100 | 100 |
| 8 | 80.1 Excavate sandstone bedrock. | | | | | | | | | | | | | |
| 8a | - Excavation within top 1.5' of bedrock. | C.Y. | --- | --- | 10 | --- | 20 | 40 | 45 | --- | | | 115 | 135 |
| 8b | - Excavation below top 1.5' of bedrock. | C.Y. | --- | --- | 0 | --- | 10 | 10 | 10 | --- | | | 30 | 30 |
| 9 | 81.1 Overexcavate trench below required bedding as... | TON | --- | --- | 15 | --- | --- | --- | --- | 75 | | | 90 | 110 |
| 10 | 82.1 Furnish and install pit run backfill material as directed... | TON | --- | --- | 50 | --- | 30 | 50 | 55 | --- | | | 185 | 225 |
| 11 | 83.2 Provide flowable fill backfill per City Specs. | C.Y. | 15 | --- | --- | --- | --- | --- | --- | --- | | | 15 | 27 |
| 12 | 201.2 Clear, grub, remove, and dispose of all trees... | L.S. | --- | --- | 1 | --- | --- | --- | --- | 1 | | | 2 | 3 |
| 13 | 202.41 Remove asphalt pavement as shown. | S.Y. | 790 | --- | --- | --- | 234 | 717 | 623 | --- | | | 2364 | 3847 |
| 14 | 210.18 Remove and reset utility pole guy. Brace pole... | EA. | --- | --- | --- | --- | 1 | --- | --- | --- | | | 1 | 1 |
| 15 | 210.54 Remove and reset fence as required for... | L.F. | 20 | --- | --- | --- | --- | --- | --- | --- | | | 20 | 20 |
| 16 | 300/400.4 Construct single lift of 3" HBP on 6" Class 6... | S.Y. | 790 | --- | --- | --- | 234 | 717 | 623 | --- | | | 2364 | 3847 |
| 17 | 304.6-* Provide Class 6 ABC base course. The last... | | | | | | | | | | | | | |
| 17a | A) 4" thick | S.Y. | 15 | 144 | --- | 67 | --- | 28 | 24 | --- | | | 278 | 697 |
| 17b | B) 6" thick | S.Y. | 120 | --- | --- | --- | 480 | --- | --- | --- | | | 600 | 693 |
| 18 | 625.2 Provide construction surveying and red-lined plans... | L.S. | --- | --- | 1 | --- | --- | --- | --- | 1 | | | 2 | 3 |
| 19 | 626.1 Provide all mobilization, bonds, insurances, and... | L.S. | --- | --- | 1 | --- | --- | --- | --- | 1 | | | 2 | 3 |
| 20 | 630.1 Provide traffic control in accordance with General... | L.S. | --- | --- | 1 | --- | --- | --- | --- | 1 | | | 2 | 3 |
| 21 | 1024.1 Install sanitary sewer cleanout. | EA. | --- | --- | --- | 3 | --- | --- | --- | --- | | | 3 | 3 |
| 22 | 1997.1 Provide newsletters per Special Conditions. | L.S. | --- | --- | 1 | --- | --- | --- | --- | 1 | | | 2 | 2 |
| 23 | 1998.1 Provide project signs per Special Conditions. | L.S. | --- | --- | 1 | --- | --- | --- | --- | 1 | | | 2 | 2 |



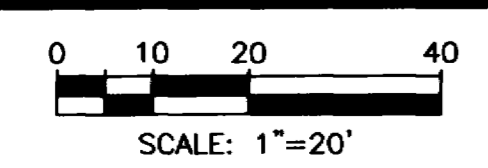
TYPICAL SEWAGE PUMPING SYSTEMS
(NOT PART OF THIS CONTRACT)



TYPICAL SEWAGE PUMP STATION
N.T.S.
(NOT PART OF THIS CONTRACT)

AS CONSTRUCTED

| REVISION | DESCRIPTION | DATE |
|------------|-------------|------|
| REVISION A | | |
| REVISION B | | |
| REVISION C | | |

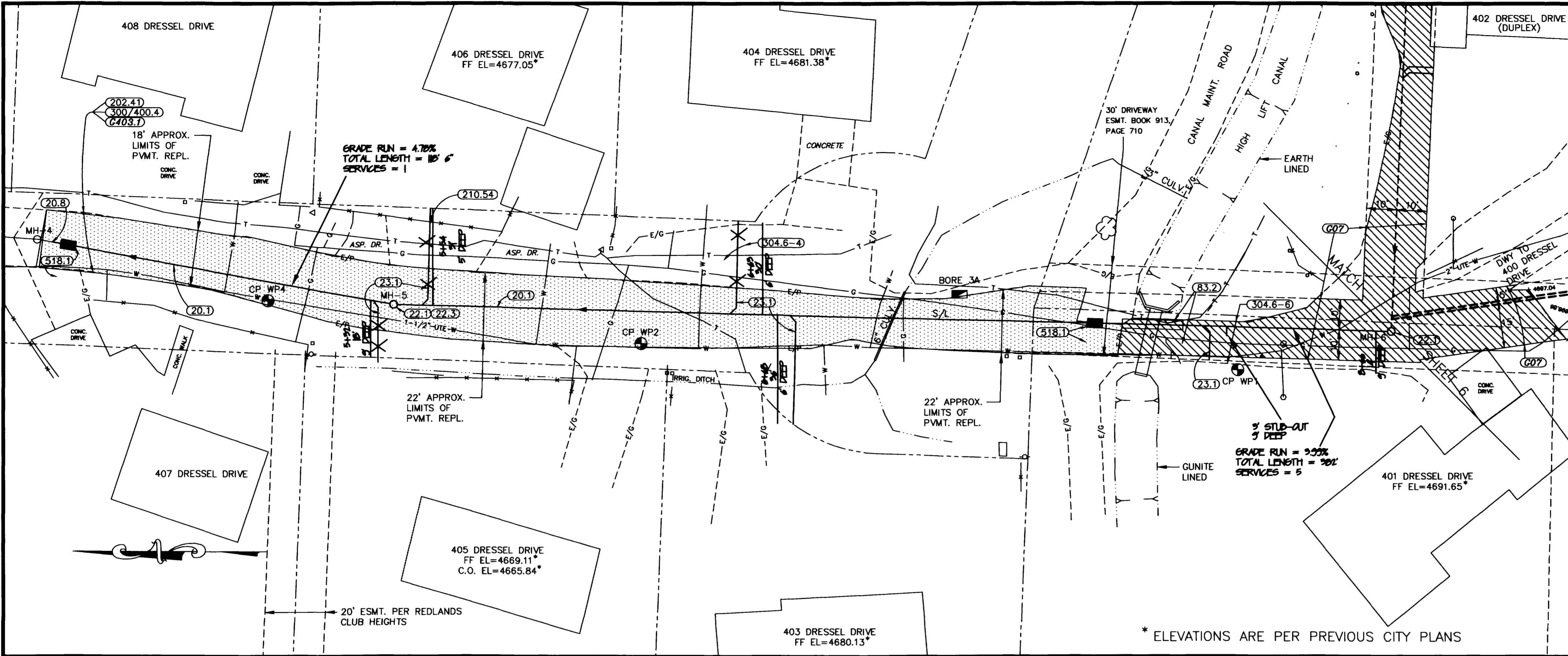


| SCALE | PLAN | PROFILE |
|-------|---------------|---------------|
| | HORIZ. 1"=20' | HORIZ. 1"=20' |
| | | VERT. 1"=5' |

WILLIAMS ENGINEERING
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(970) 858-1014 PHONE (970) 858-1007 FAX

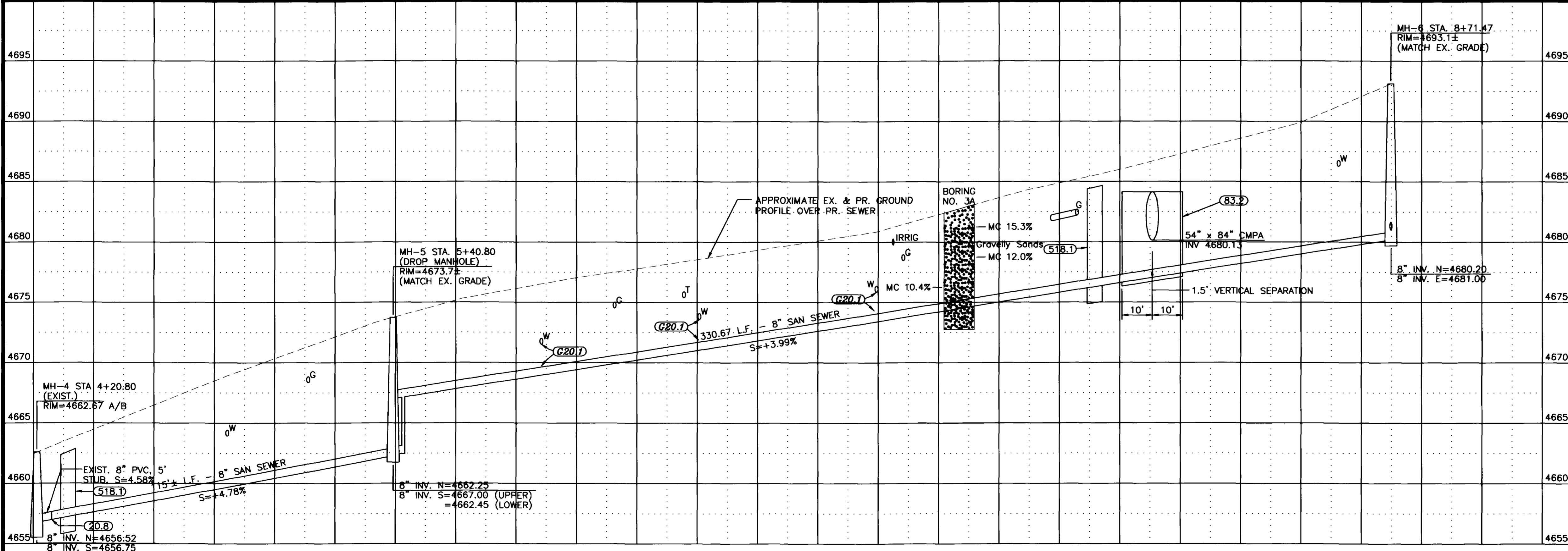
COUNTRY CLUB PARK & DRESSEL DRIVE
SEWER AND WATER LINE IMPROVEMENTS
Quantities Summary & Misc. Details

SHEET 3 OF 10
FILENAME
SHT-3.DWG



| LIST OF COORDINATES | | | |
|---------------------|----------|---------|-----------|
| POINT NO. | NORTHING | EASTING | ELEVATION |
| CP WP1 | 5000.00 | 5000.00 | 4688.27 |
| CP WP2 | 5197.61 | 5008.82 | 4677.87 |
| CP WP4 | 5321.28 | 5022.97 | 4670.34 |
| MH-4 | 5397.69 | 5043.10 | --- |
| MH-5 | 5279.63 | 5021.60 | --- |
| MH-6 | 4949.07 | 5012.82 | --- |

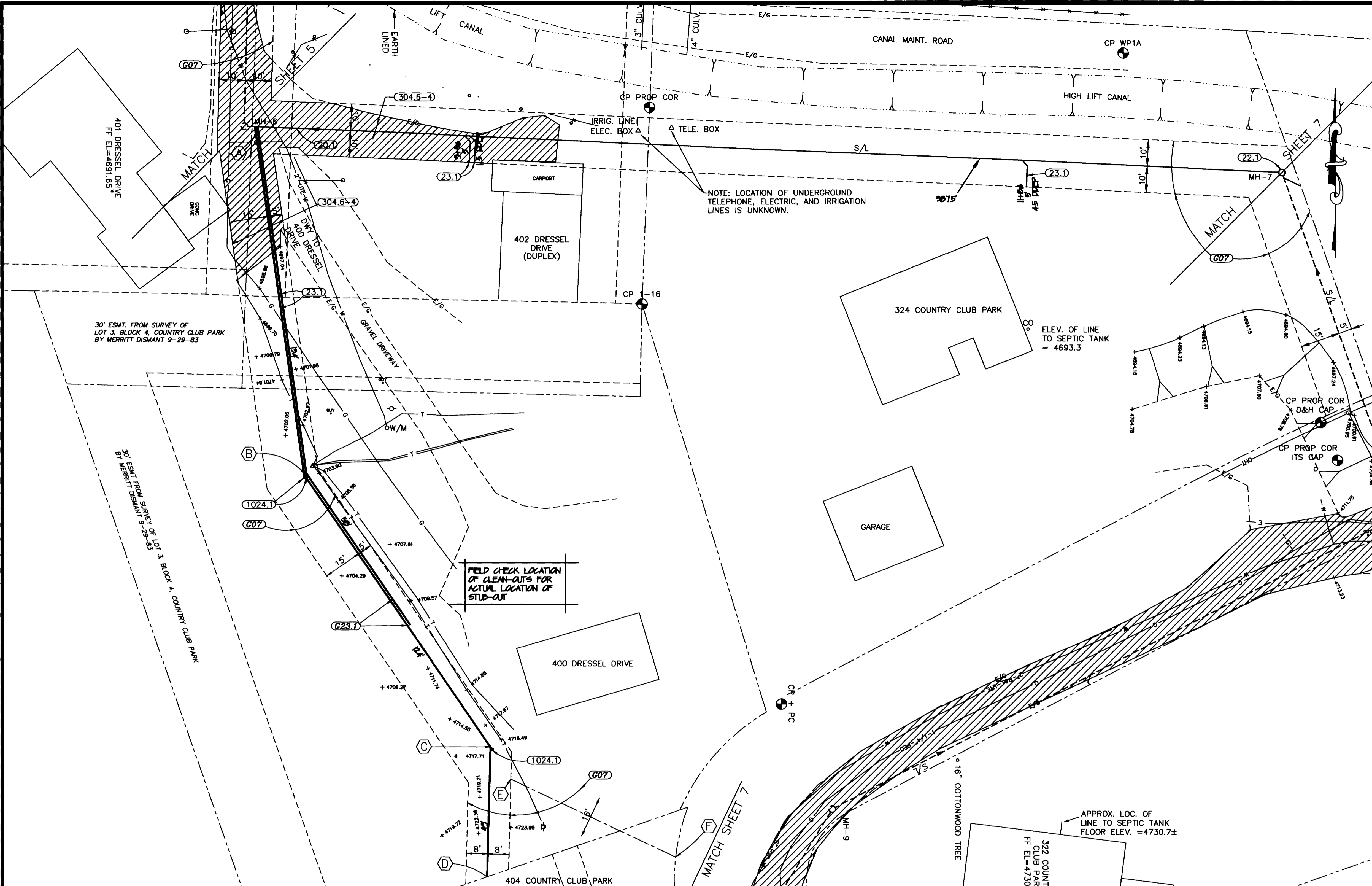
- CONSTRUCTION NOTES**
- (G01) Unless noted otherwise, Standard Details and Specifications and Special Provisions apply.
- (G02) Notes numbered between 20 and 69 and 80 and 99 pertain to Work governed by the City of Grand Junction's "Standard Specifications for Construction of Water Lines, Sanitary Sewers, Storm Drains, Underdrains, and Irrigation Systems", as may be modified. Notes numbered between 70 and 79 pertain to the Water Standard Specifications.
- (G03) Notes numbered between 200 and 699 pertain to Work governed by corresponding sections of the CDOT's "Standard Specifications for Road and Bridge Construction", as may be modified.
- (G04) Notes numbered in the 1000's pertain to miscellaneous Work not governed by Standard Specifications.
- (G05) Note numbers preceded with a "G" and italicized are informational or general in nature and, as incidental to the Work, are no-pay items.
- (G06) Property lines shown are approximate only.
- (G07) The proposed utility easement will be obtained by the City prior to construction.
- (20.1) Construct SDR 35 PVC sanitary sewer. Support crossing utilities as required.
- (G20.1) Maintain adequate separation between water and sanitary sewer lines per City Specification 104.4.
- (20.8) Remove existing plug & connect proposed sewerline.
- (22.1) Construct sanitary sewer MH. Use standard pipe termination at MH wall and benching.
- (22.3) Construct drop MH connection and provide MH corrosion protection per Special Provisions.
- (23.1) Construct sanitary sewer service and tap to the property line or edge of prescriptive ROW. Tap location shown is approximate only. Contractor shall coordinate with homeowner to determine desired tap location. Contractor shall provide as-constructed locations for all taps. Taps and service lines shall be 4 inches and capped and marked unless noted otherwise. Support crossing utilities as required.
- (83.2) Provide flowable fill backfill per Supplemental Specifications as shown.
- (202.41) Remove asphalt pavement as shown.
- (210.54) Remove and reset fence as required for construction.
- (300/400.4) Construct single lift of 3" HBP on 6" Class 6 ABC.
- (304.6-*) Provide Class 6 ABC base course. The last digit(s) designate thickness in inches. Pay quantities are limited to within 6' either side of the pipeline.
- (C403.1) Pavement removed outside of dark-shaded areas shall be replaced at the contractor's expense.
- (518.1) Construct clay cut-off wall per City Std. Details.



| DESCRIPTION | DATE |
|-------------|------|
| REVISION A | |
| REVISION B | |
| REVISION C | |

| | | | | |
|--|--|--|--|--|
| <p>0 10 20 40</p> <p>SCALE: 1"=20'</p> | <p>SCALE PLAN</p> <p>HORIZ. 1"=20'</p> <p>HORIZ. 1"=20'</p> <p>VERT. 1"=5'</p> | <p>WILLIAMS ENGINEERING</p> <p>1231 19 ROAD, FRUITA, COLORADO 81521-9689</p> <p>(970) 858-1014 PHONE (970) 858-1007 FAX</p> | <p>COUNTRY CLUB PARK & DRESSEL DRIVE</p> <p>SEWER AND WATER LINE IMPROVEMENTS</p> <p>Dressel Drive Plan & Profile</p> | <p>SHEET 5 OF 10</p> <p>FILENAME SHT-5.DWG</p> |
|--|--|--|--|--|

AS CONSTRUCTED



| LIST OF COORDINATES | | | |
|---------------------|----------|---------|-----------|
| POINT NO. | NORTHING | EASTING | ELEVATION |
| CP WP1A | 4976.18 | 5345.27 | 4685.91 |
| CP 1-16 | 4881.74 | 5163.24 | 4696.71 |
| MH-6 | 4949.07 | 5012.82 | --- |
| MH-7 | 4931.23 | 5405.36 | --- |
| (A) | 4948.87 | 5017.33 | --- |
| (B) | 4817.46 | 5035.75 | --- |
| (C) | 4714.29 | 5105.86 | --- |
| (D) | 4665.09 | 5104.60 | --- |
| (E) | 4702.09 | 5113.55 | --- |
| (F) | 4672.65 | 5175.88 | --- |

CONSTRUCTION NOTES

(G01) Unless noted otherwise, Standard Details and Specifications and Special Provisions apply.

(G02) Notes numbered between 20 and 69 and 80 and 99 pertain to Work governed by the City of Grand Junction's "Standard Specifications For Construction of Water Lines, Sanitary Sewers, Storm Drains, Underdrains, and Irrigation Systems", as may be modified. Notes numbered between 70 and 79 pertain to the Water Standard Specifications.

(G03) Notes numbered between 200 and 699 pertain to Work governed by corresponding sections of the CDOT's "Standard Specifications for Road and Bridge Construction", as may be modified.

(G04) Notes numbered in the 1000's pertain to miscellaneous Work not governed by Standard Specifications.

(G05) Note numbers preceded with a "G" and italicized are informational or general in nature and, as incidental to the Work, are no-pay items.

(G06) Property lines shown are approximate only.

(G07) The proposed utility easement will be obtained by the City prior to construction.

(G1) Property descriptions do not close preventing precise layout of all property lines. However, effort was made to place them as accurately as possible based upon all available information. Note that lot 324 fits most of the property pins except for two outliers near the driveway which cannot be accounted for.

(20.1) Construct SDR 35 PVC sanitary sewer. Support crossing utilities as required.

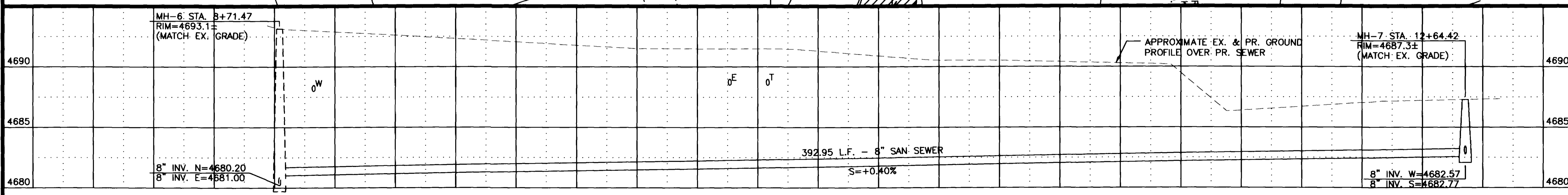
(22.1) Construct sanitary sewer MH. Use standard pipe termination at MH wall and benching.

(23.1) Construct sanitary sewer service and tap to the property line or edge of prescriptive ROW. Tap location shown is approximate only. Contractor shall coordinate with homeowner to determine desired tap location. Contractor shall provide as-constructed locations for all taps. Taps and service lines shall be 4 inches and capped unless noted otherwise. Support crossing utilities as required.

(G23.1) Extend sewer service beyond the property line as shown.

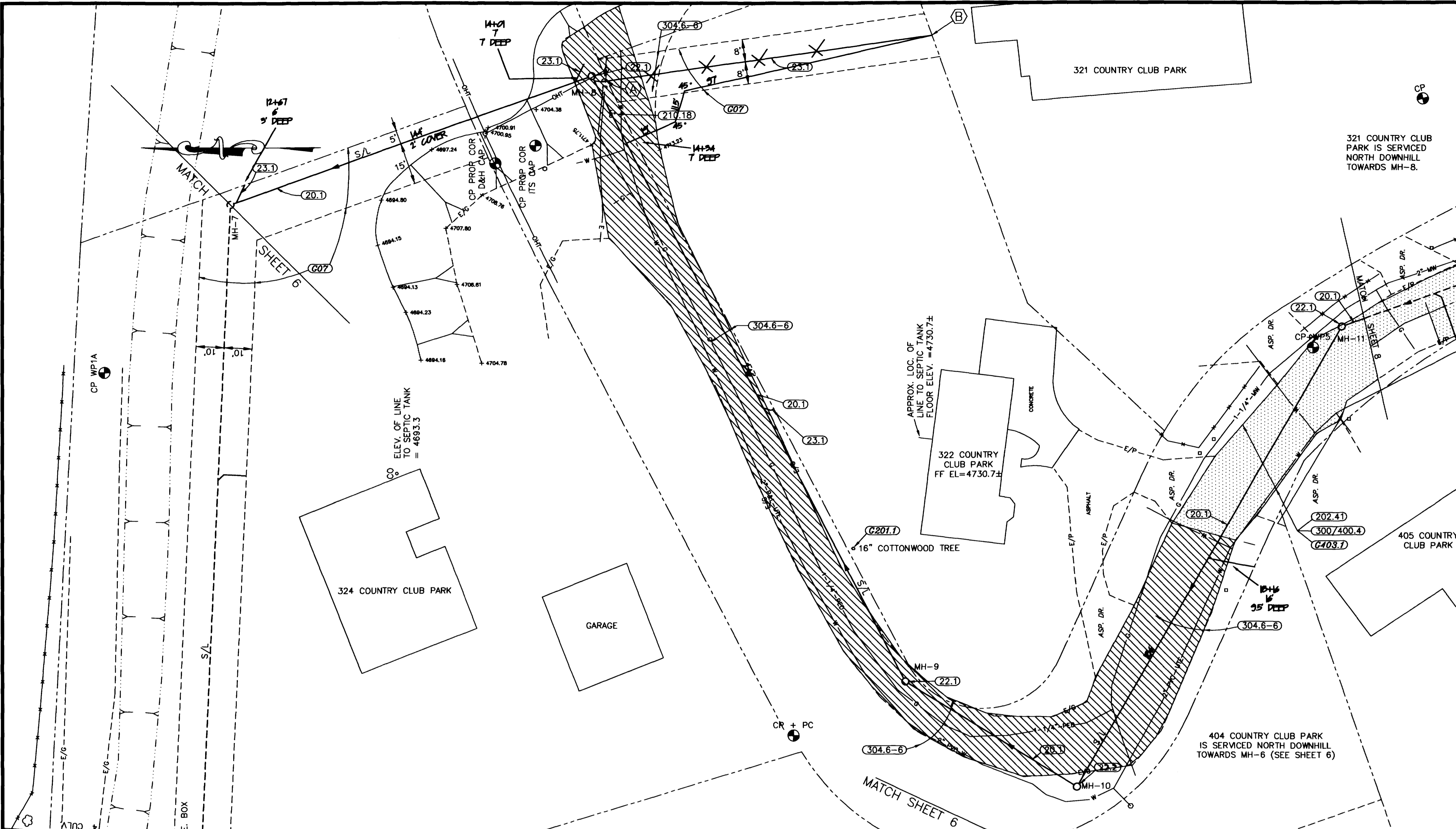
(304.6-*) Provide Class 6 ABC base course. The last digit(s) designate thickness in inches. Pay quantities are limited to within 6' either side of the pipeline.

(1024.1) Install sanitary sewer cleanout.



| REVISION | DESCRIPTION | DATE |
|------------|---------------------|------|
| REVISION A | ADDED UTE WATERLINE | 3/96 |
| REVISION B | | |
| REVISION C | | |

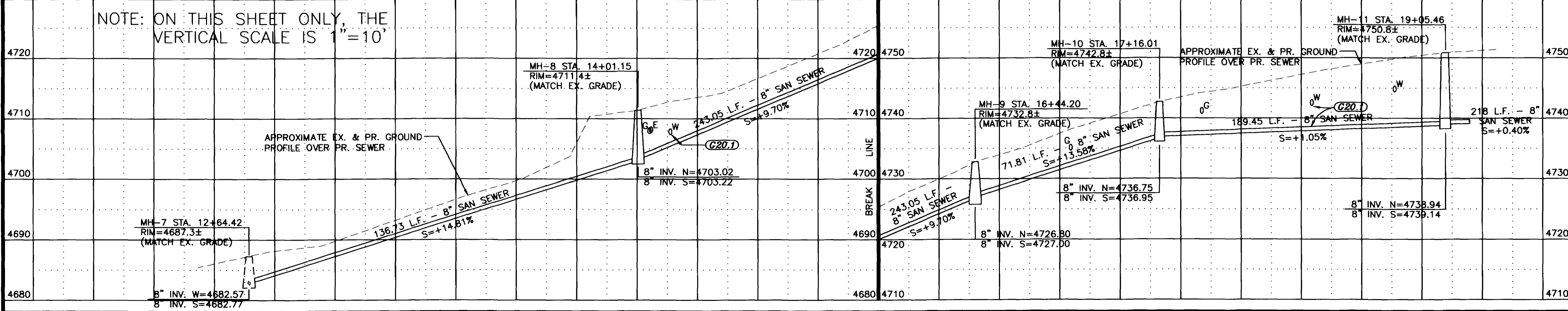
| | | | | | |
|---|----------------------------|---|---|--|---|
| <p>DESCRIPTION</p> <p>ADDED UTE WATERLINE</p> <p>DATE</p> <p>3/96</p> | <p>SCALE</p> <p>1"=20'</p> | <p>PLAN</p> <p>HORIZ. 1"=20'</p> <p>VERT. 1"=5'</p> | <p>WILLIAMS ENGINEERING</p> <p>1231 19 ROAD, FRUITA, COLORADO 81521-9689</p> <p>(970) 858-1014 PHONE (970) 858-1007 FAX</p> | <p>COUNTRY CLUB PARK & DRESSSEL DRIVE</p> <p>SEWER AND WATER LINE IMPROVEMENTS</p> <p>Plan & Profile Along Canal</p> | <p>SHEET 6 OF 10</p> <p>FILENAME</p> <p>SHT-6.DWG</p> |
|---|----------------------------|---|---|--|---|



| LIST OF COORDINATES | | | |
|---------------------|----------|---------|-----------|
| POINT NO. | NORTHING | EASTING | ELEVATION |
| CP WP1A | 4976.18 | 5345.27 | 4685.91 |
| CP WP5 | 4545.20 | 5354.08 | 4750.78 |
| CP | 4505.97 | 5442.81 | 4750.51 |
| CP + PC | 4730.53 | 5215.95 | 4720.77 |
| MH-7 | 4931.23 | 5405.36 | --- |
| MH-8 | 4802.34 | 5451.02 | --- |
| MH-9 | 4690.68 | 5235.14 | --- |
| MH-10 | 4629.59 | 5197.41 | --- |
| MH-11 | 4534.94 | 5361.52 | --- |
| (A) | 4796.71 | 5449.33 | --- |
| (B) | 4680.93 | 5465.47 | --- |

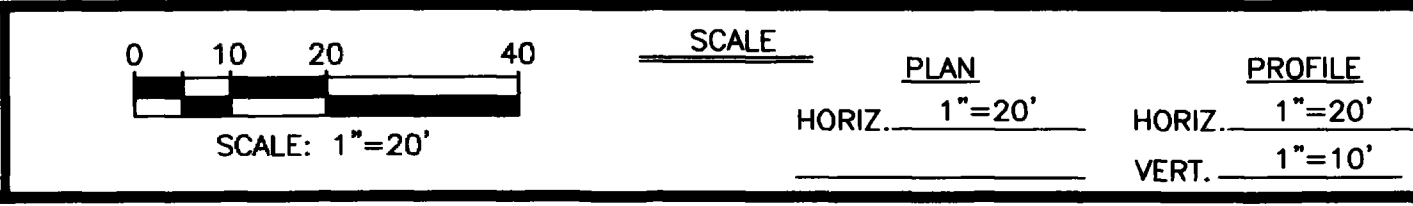
- CONSTRUCTION NOTES**
- (C01)** Unless noted otherwise, Standard Details and Specifications and Special Provisions apply.
- (C02)** Notes numbered between 20 and 69 and 80 and 89 pertain to Work governed by the City of Grand Junction's "Standard Specifications For Construction of Water Lines, Sanitary Sewers, Storm Drains, Underdrains, and Irrigation Systems", as may be modified. Notes numbered between 70 and 79 pertain to the Water Standard Specifications.
- (C03)** Notes numbered between 200 and 699 pertain to Work governed by corresponding sections of the CDOT's "Standard Specifications for Road and Bridge Construction", as may be modified.
- (C04)** Notes numbered in the 1000's pertain to miscellaneous Work not governed by standard specifications.
- (C05)** Note numbers preceded with a "C" and italicized are informational or general in nature and, as incidental to the Work, are no-pay items.
- (C06)** Property lines shown are approximate only.
- (C07)** The proposed utility easement will be obtained by the City prior to construction.
- (C08)** Property descriptions do not close preventing precise layout of all property lines. However, effort was made to place them as accurately as possible based upon all available information. Note that lot 324 fits most of the property pins except for two outliers near the driveway which cannot be accounted for.
- (C20.1)** Construct SDR 35 PVC sanitary sewer. Support crossing utilities as required.
- (C20.1)** Maintain adequate separation between water and sanitary sewer lines per City Specification 104.4.
- (C22.1)** Construct sanitary sewer MH. Use standard pipe termination at MH wall and benching.
- (C22.2)** Construct sanitary sewer MH. Lay pipe through the MH. If necessary due to significant vertical or horizontal change in alignment, cut, bevel, and butt together pipe ends to form a continuous invert, or use standard bends or fittings. Cut out the top half of pipe and/or fittings, and bench per Standard Details.
- (C23.1)** Construct sanitary sewer service and tap to the property line or edge of prescriptive ROW. Top location shown is approximate only. Contractor shall coordinate with homeowner to determine desired tap location. Contractor shall provide as-constructed locations for all taps. Taps and service lines shall be 4 inches and capped unless noted otherwise. Support crossing utilities as required.
- (C201.1)** Protect and save tree.
- (C202.1)** Remove asphalt pavement as shown.
- (C210.18)** Remove and reset utility pole guy. Brace pole as required during construction.
- (C300/400.4)** Construct single lift of 3" HBP on 6" Class 6 ABC.
- (C304.6-8)** Provide Class 6 ABC base course. The last digit(s) designate thickness in inches. Pay quantities are limited to within 6" either side of the pipeline.
- (C403.1)** Pavement removed outside of dark-shade areas shall be replaced at the contractor's expense.

NOTE: ON THIS SHEET ONLY, THE VERTICAL SCALE IS 1"=10'



AS CONSTRUCTED

| REVISION | DESCRIPTION | DATE |
|----------|-------------|------|
| | | |
| | | |
| | | |



WILLIAMS ENGINEERING
 1231 19 ROAD, FRUITA, COLORADO 81521-9689
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COUNTRY CLUB PARK & DRESSEL DRIVE
 SEWER AND WATER LINE IMPROVEMENTS
 Canal to Bluff Plan & Profile

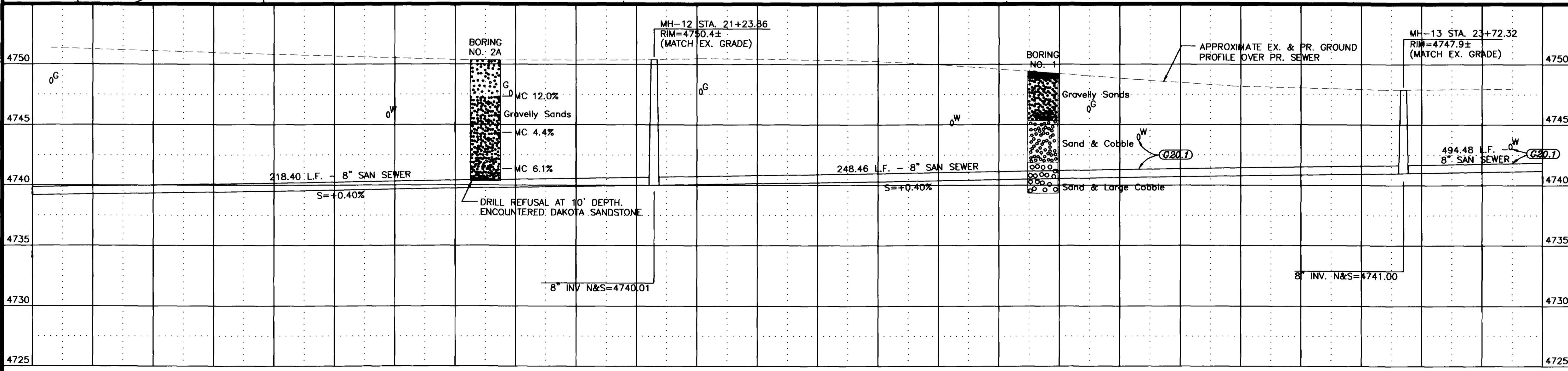
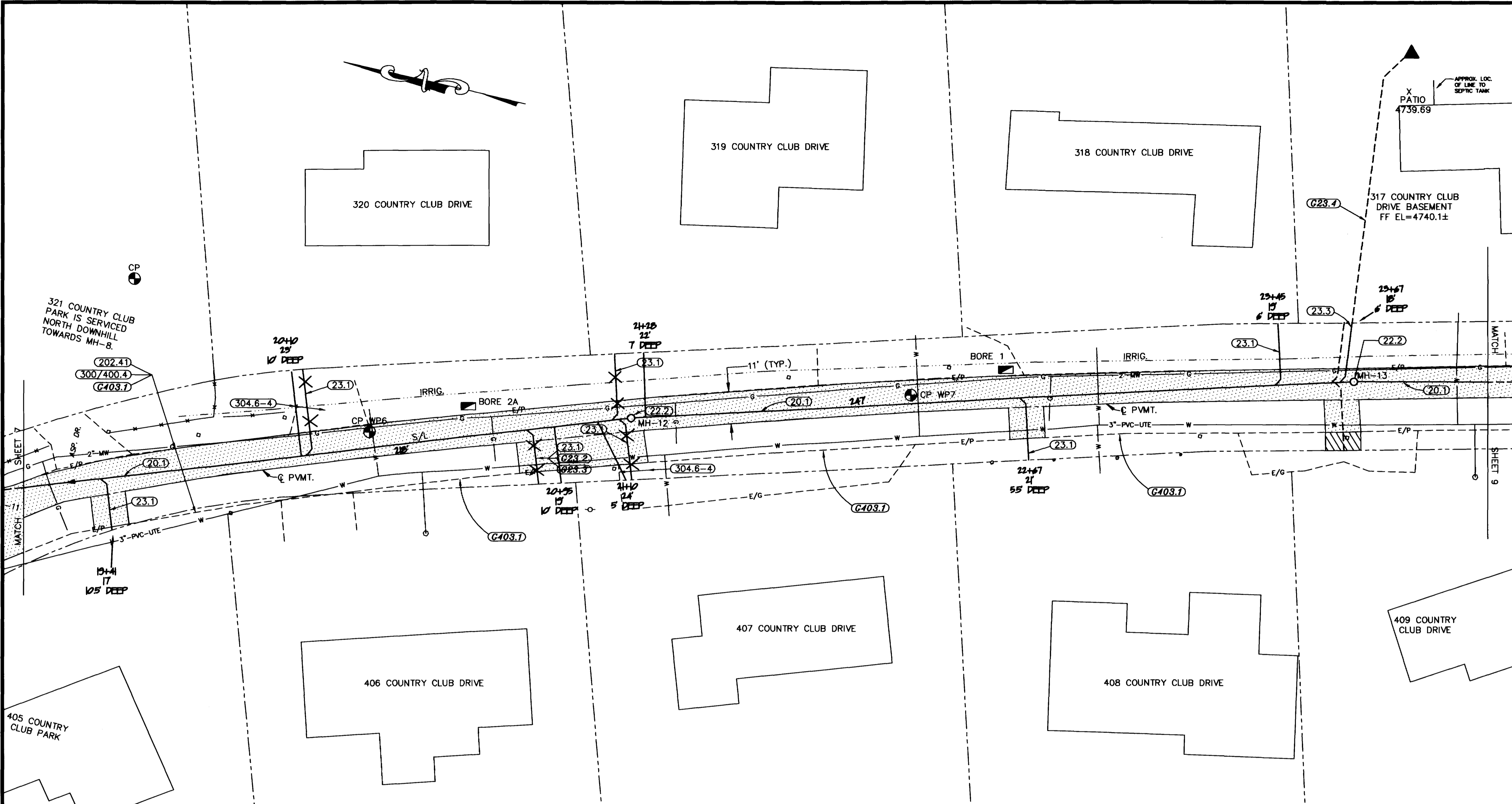
SHEET 7 OF 10
 FILENAME: SH7-7.DWG

LIST OF COORDINATES

| POINT NO. | NORTHING | EASTING | ELEVATION |
|-----------|----------|---------|-----------|
| CP WP6 | 4415.50 | 5409.74 | 4750.63 |
| CP WP7 | 4237.28 | 5463.84 | 4749.94 |
| MH-12 | 4329.14 | 5434.64 | --- |
| MH-13 | 4090.14 | 5502.54 | --- |

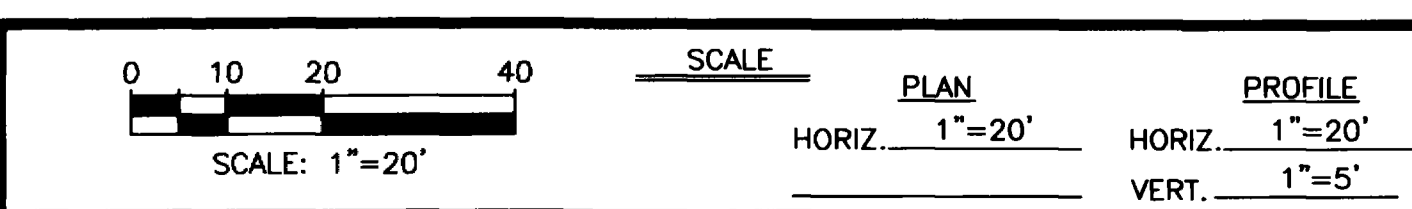
CONSTRUCTION NOTES

- (C01) Unless noted otherwise, Standard Details and Specifications and Special Provisions apply.
- (C02) Notes numbered between 20 and 69 and 80 and 99 pertain to Work governed by the City of Grand Junction's "Standard Specifications For Construction of Water Lines, Sanitary Sewers, Storm Drains, Under-drains, and Irrigation Systems", as may be modified.
- (C03) Notes numbered between 200 and 699 pertain to Work governed by corresponding sections of the CDOT's "Standard Specifications for Road and Bridge Construction", as may be modified.
- (C04) Notes numbered in the 1000's pertain to miscellaneous Work not governed by Standard Specifications.
- (C05) Note numbers preceded with a "G" and italicized are informational or general in nature and, as incidental to the Work, are no-pay items.
- (C06) Property lines shown are approximate only.
- (20.1) Construct SDR 35 PVC sanitary sewer. Support crossing utilities as required.
- (C20.1) Maintain adequate separation between water and sanitary sewer lines per City Specification 104.4.
- (22.1) Construct sanitary sewer MH. Use standard pipe termination at MH wall and benching.
- (22.2) Construct sanitary sewer MH. Lay pipe through the MH. If necessary due to significant vertical or horizontal change in alignment, cut, bevel, and butt together pipe ends to form a continuous invert, or use standard bends or fittings. Cut out the top half of pipe and/or fittings, and bench per Standard Details.
- (22.3) Construct drop MH connection and provide MH corrosion protection per Special Provisions.
- (23.1) Construct sanitary sewer service and tap to the property line or edge of prescriptive ROW. Tap location shown is approximate only. Contractor shall coordinate with homeowner to determine desired tap location. Contractor shall provide as-constructed locations for all taps. Taps and service lines shall be 4 inches and capped and marked unless noted otherwise. Support crossing utilities as required.
- (23.3) Construct sanitary sewer tap and 2" service using an 8" x 4" full body wye, 4" x 2" bushing, and 2" schedule 40 PVC pressure service line with a minimum downhill slope away from the sewer main of 0.5%. Service shall extend and connect to effluent pump station. Contractor shall coordinate with homeowner to determine desired tap location. Contractor shall provide as-constructed locations for all taps within the ROW. Support crossing utilities as required.
- (C23.2) Construct this sewer tap at 1.0% slope.
- (C23.3) This service tap shall enter the sewerline from the side instead of the top of the sewer main.
- (C23.4) Pump station and service line on private property is not a part of this contract.
- (202.41) Remove asphalt pavement as shown.
- (300/400.4) Construct single lift of 3" HBP on 6" Class 6 ABC.
- (304.6-*) Provide Class 6 ABC base course. The last digit(s) designate thickness in inches. Pay quantities are limited to within 6' either side of the pipeline.
- (C403.1) Pavement removed outside of dark-shaded areas shall be replaced at the contractor's expense.
- (1025.1) Furnish, install, and connect an effluent pump station ready for use per detail and Special Provisions. Coordinate location of station and controls with homeowner.



AS CONSTRUCTED

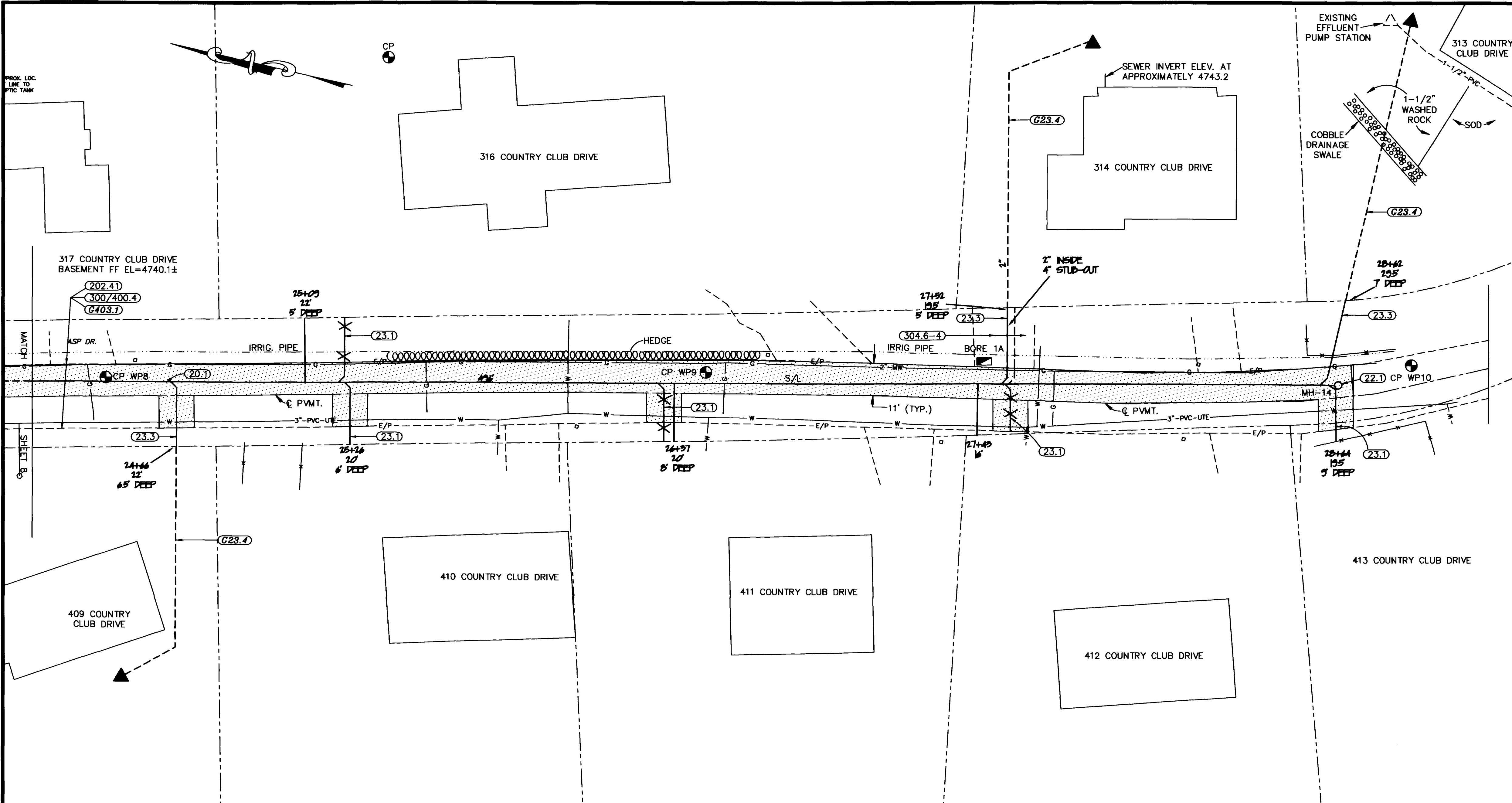
| REVISION | DESCRIPTION | DATE |
|----------|-------------|------|
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WILLIAMS ENGINEERING
 1231 19 ROAD, FRUITA, COLORADO 81521-9689
 (970) 858-1014 PHONE (970) 858-1007 FAX

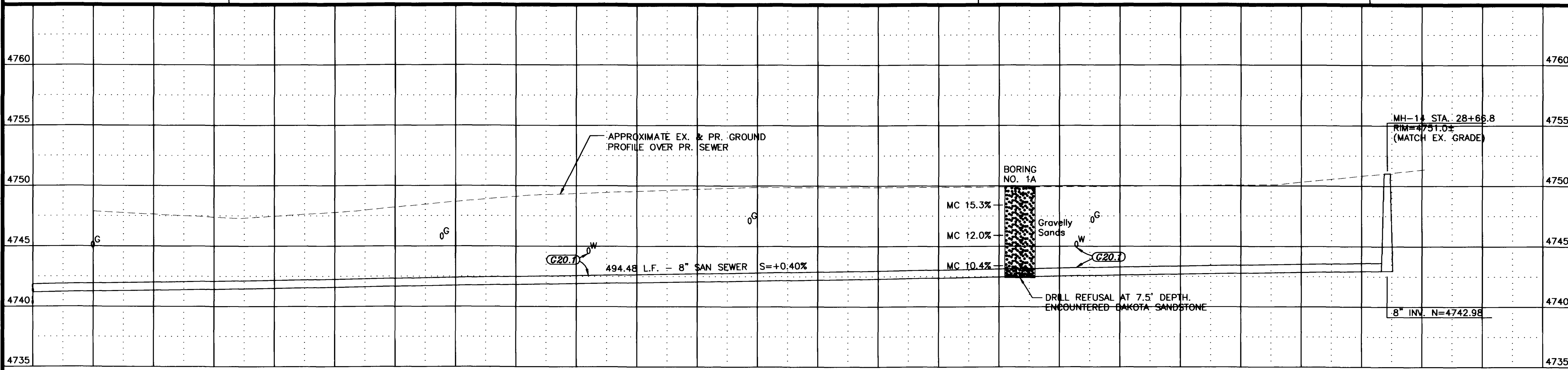
**COUNTRY CLUB PARK & DRESSEL DRIVE
 SEWER AND WATER LINE IMPROVEMENTS**
 Country Club West Plan & Profile (N. Segment)

SHEET 8 OF 10
 FILENAME SHT-8.DWG



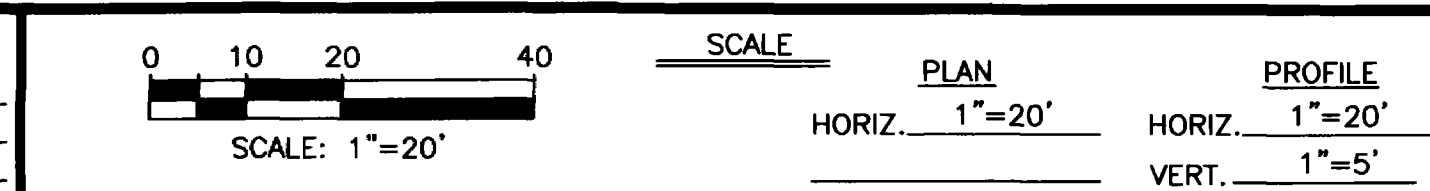
| LIST OF COORDINATES | | | |
|---------------------|----------|---------|-----------|
| POINT NO. | NORTHING | EASTING | ELEVATION |
| CP WP8 | 4020.90 | 5519.80 | 4747.90 |
| CP WP9 | 3820.57 | 5567.88 | 4749.75 |
| CP WP10 | 3585.09 | 5624.53 | 4750.92 |
| MH-14 | 3607.99 | 5612.31 | --- |

- CONSTRUCTION NOTES**
- (C01)** Unless noted otherwise, Standard Details and Specifications and Special Provisions apply.
- (C02)** Notes numbered between 20 and 69 and 80 and 89 pertain to Work governed by the City of Grand Junction's "Standard Specifications For Construction of Water Lines, Sanitary Sewers, Storm Drains, Underdrains, and Irrigation Systems", as may be modified. Notes numbered between 70 and 79 pertain to Ute Water Standard Specifications.
- (C03)** Notes numbered between 200 and 699 pertain to Work governed by corresponding sections of the CDOT's "Standard Specifications for Road and Bridge Construction", as may be modified.
- (C04)** Notes numbered in the 1000's pertain to miscellaneous Work not governed by Standard Specifications.
- (C05)** Note numbers preceded with a "C" and italicized are informational or general in nature and, as incidental to the Work, are no-pay items.
- (C06)** Property lines shown are approximate only.
- (20.1)** Construct SDR 35 PVC sanitary sewer. Support crossing utilities as required.
- (20.4)** Maintain adequate separation between water and sanitary sewer lines per City Specification 104.4.
- (22.1)** Construct sanitary sewer MH. Use standard pipe termination at MH wall and benching.
- (23.1)** Construct sanitary sewer service and tap to the property line or edge of prescriptive ROW. Tap location shown is approximate only. Contractor shall coordinate with homeowner to determine desired tap location. Contractor shall provide as-constructed locations for all taps. Taps and service lines shall be 4 inches and capped unless noted otherwise. Support crossing utilities as required.
- (23.3)** Construct sanitary sewer tap and 2" service using an 8" x 4" full body wye, 4" x 2" bushing, and 2" schedule 40 PVC pressure service line with a minimum downhill slope away from the sewer main of 0.5%. Service shall extend and connect to effluent pump station. Contractor shall coordinate with homeowner to determine desired tap location. Contractor shall provide as-constructed locations for all taps within the ROW. Support crossing utilities as required.
- (C23.2)** Construct this sewer tap at 1.0% slope.
- (C23.3)** This service tap shall enter the sewerline from the side instead of the top of the sewer main.
- (C23.4)** Pump station and service line on private property is not a part of this contract.
- (202.4)** Remove asphalt pavement as shown.
- (300/400.4)** Construct single lift of 3" HBP on 6" Class 6 ABC.
- (304.6-9)** Provide Class 6 ABC base course. The last digit(s) designate thickness in inches. Pay quantities are limited to within 6' either side of the pipeline.
- (C403.1)** Pavement removed outside of dark shaded areas shall be replaced at the contractor's expense.



AS CONSTRUCTED

| REVISION | DESCRIPTION | DATE |
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COUNTRY CLUB PARK & DRESSEL DRIVE
SEWER AND WATER LINE IMPROVEMENTS
 Country Club West Plan & Profile (S. Segment)

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|--------------------|
| SHEET 9 OF 10 |
| FILENAME SHT-9.DWG |