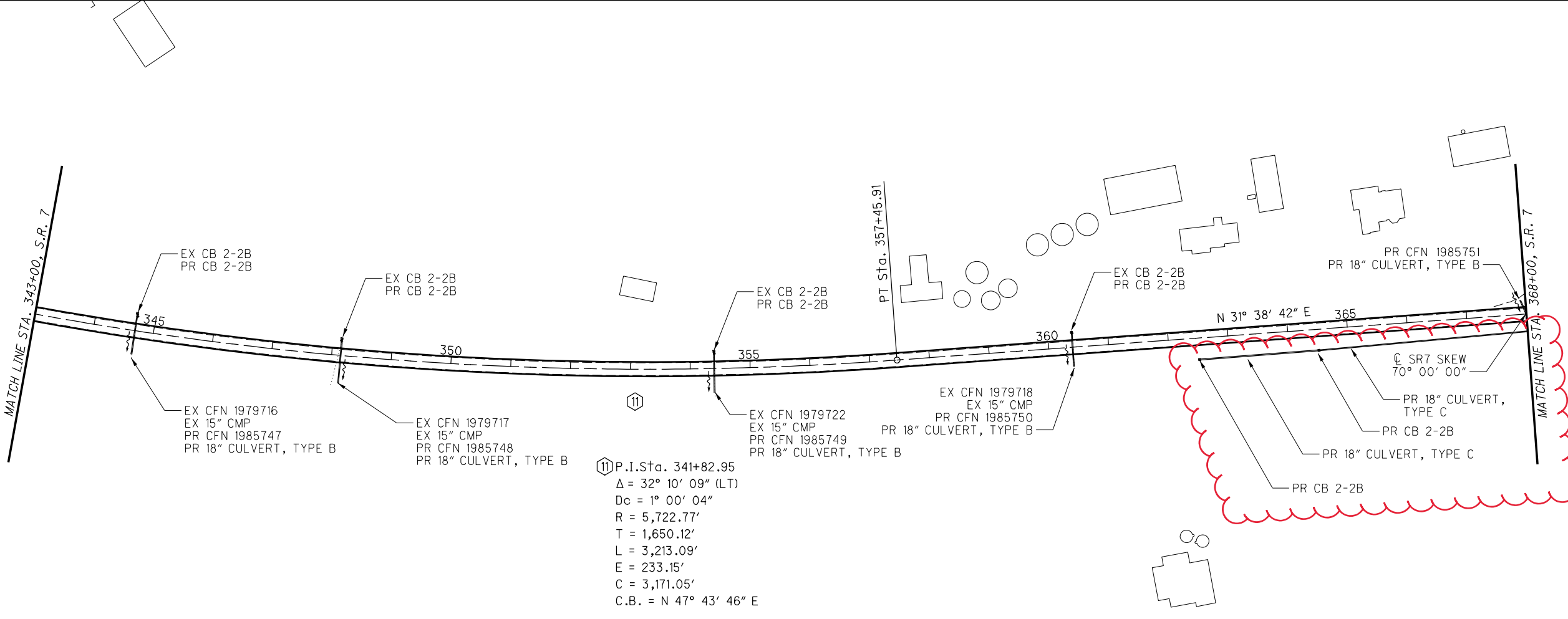
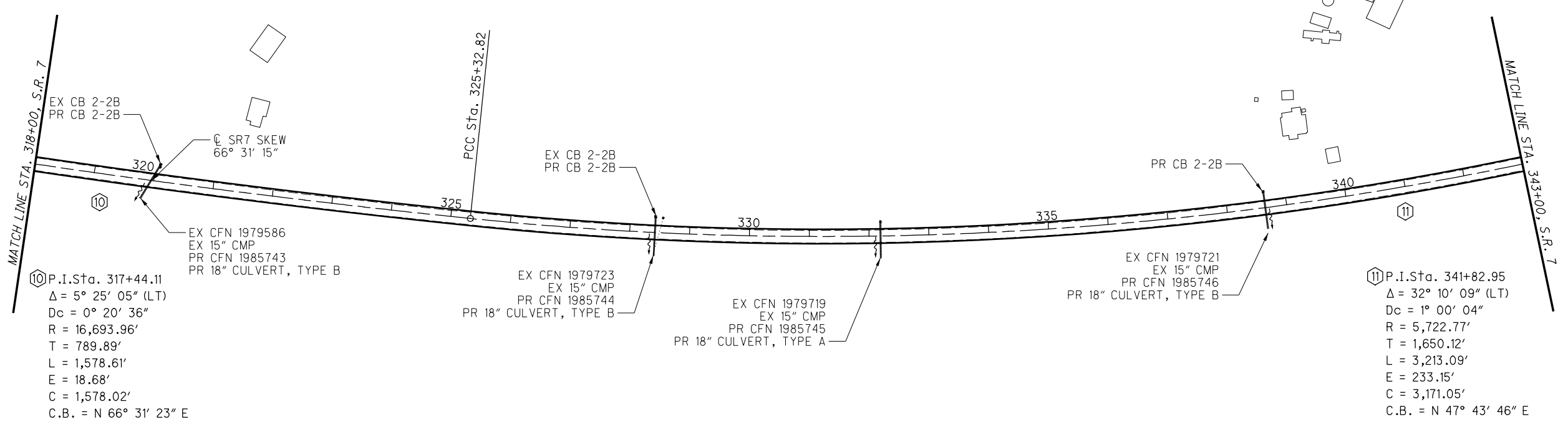


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| | | | |
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SCHEMATIC PLAN
SR 7 STA 318+00 TO 368+00

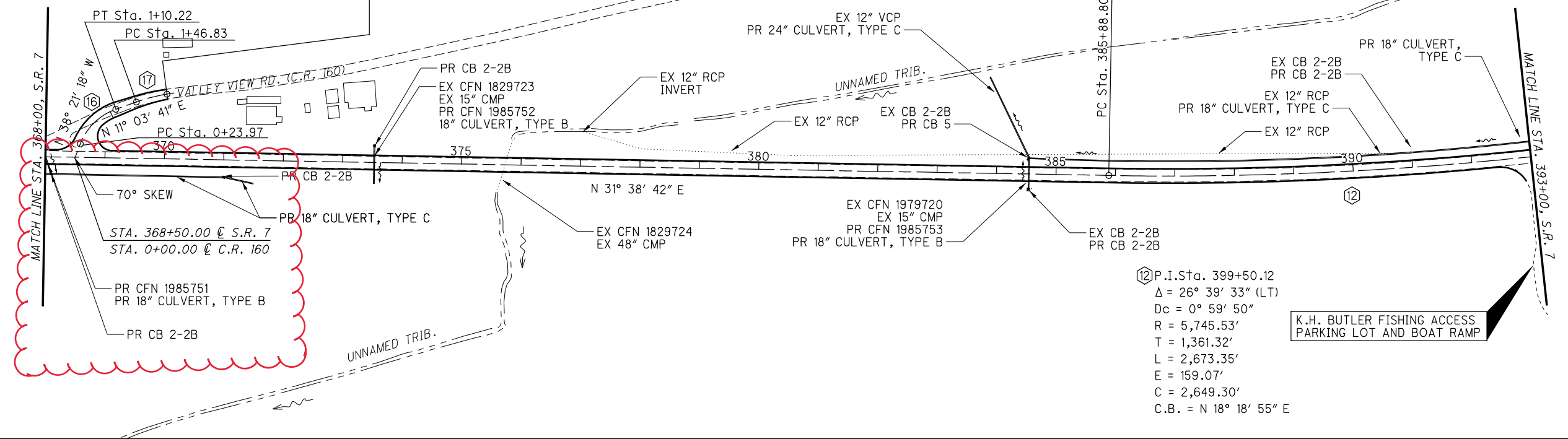
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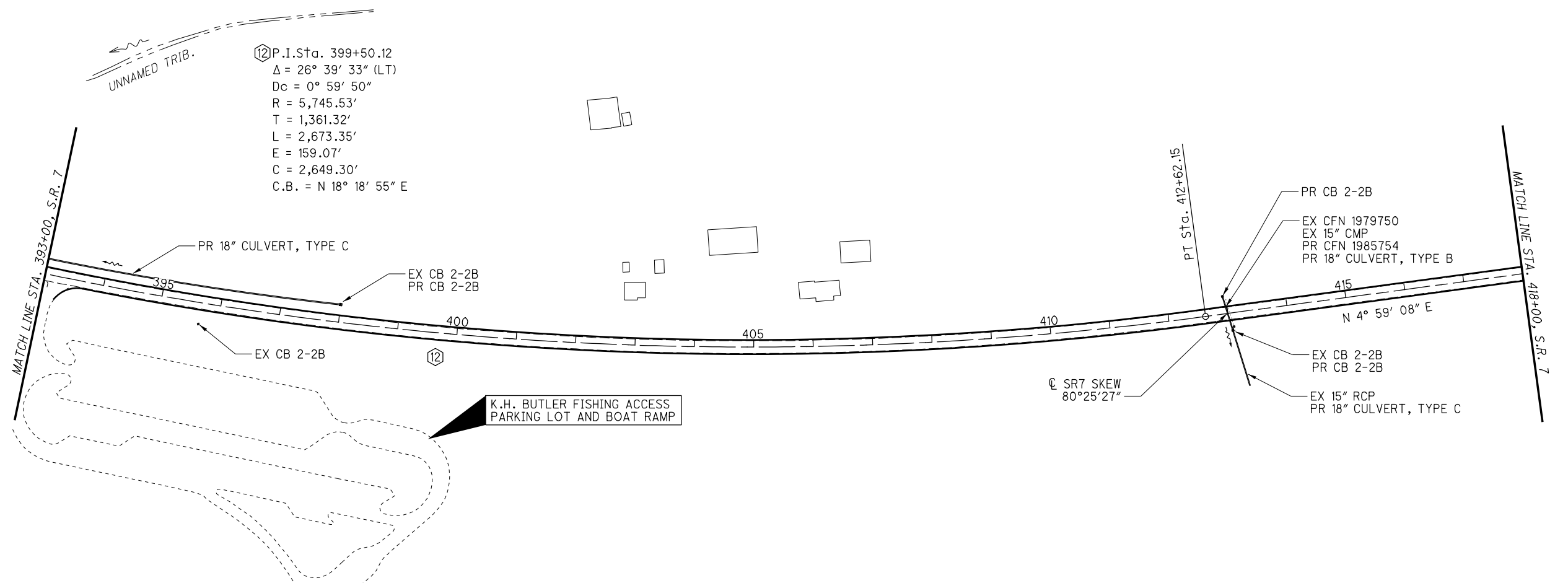
16 P.I.Sta. 0+69.99 17 P.I.Sta. 1+79.14
 $\Delta = 49^\circ 25' 00''$ (RT) $\Delta = 12^\circ 17' 37''$ (RT)
 $D_c = 57' 17' 45''$ $D_c = 19' 05' 55''$
 $R = 100.00'$ $R = 300.00'$
 $T = 46.01'$ $T = 32.31'$
 $L = 86.25'$ $L = 64.37'$
 $E = 10.08'$ $E = 1.73'$
 $C = 83.60'$ $C = 64.25'$
 $C.B. = N 13^\circ 38' 49'' W$ $C.B. = N 17^\circ 12' 30'' E$

END WORK
STA. 1+98.0
@ VALLEY VIEW



12 P.I.Sta. 399+50.12
 $\Delta = 26^\circ 39' 33''$ (LT)
 $D_c = 0^\circ 59' 50''$
 $R = 5,745.53'$
 $T = 1,361.32'$
 $L = 2,673.35'$
 $E = 159.07'$
 $C = 2,649.30'$
 $C.B. = N 18^\circ 18' 55'' E$

K.H. BUTLER FISHING ACCESS
PARKING LOT AND BOAT RAMP



12 P.I.Sta. 399+50.12
 $\Delta = 26^\circ 39' 33''$ (LT)
 $D_c = 0^\circ 59' 50''$
 $R = 5,745.53'$
 $T = 1,361.32'$
 $L = 2,673.35'$
 $E = 159.07'$
 $C = 2,649.30'$
 $C.B. = N 18^\circ 18' 55'' E$

SR7 SKEW
80°25'27"



CALCULATED
KWK
CHECKED
MRF

SCHEMATIC PLAN
SR 7 STA 368+00 TO 418+00

GAL-7-5.22

FARM DRAINS

ALL FARM DRAINS, WHICH ARE ENCOUNTERED DURING CONSTRUCTION, SHALL BE PROVIDED WITH UNOBSTRUCTED OUTLETS. EXISTING COLLECTORS WHICH ARE LOCATED BELOW THE ROADWAY DITCH ELEVATIONS, AND WHICH CROSS THE ROADWAY, SHALL BE REPLACED WITHIN THE (RIGHT OF WAY) (CONSTRUCTION) LIMITS BY ITEM 611 CONDUIT, TYPE B, ONE COMMERCIAL SIZE LARGER THAN THE EXISTING CONDUIT.

EXISTING COLLECTORS AND ISOLATED FARM DRAINS, WHICH ARE ENCOUNTERED ABOVE THE ELEVATION OF ROADWAY DITCHES, SHALL BE OUTLETTED INTO THE ROADWAY DITCH BY 611 TYPE F CONDUIT. THE OPTIMUM OUTLET ELEVATION SHALL BE ONE FOOT ABOVE THE FLOWLINE ELEVATION OF THE DITCH. LATERAL FIELD TILES WHICH CROSS THE ROADWAY SHALL BE INTERCEPTED BY 611, TYPE E CONDUIT, AND CARRIED IN A LONGITUDINAL DIRECTION TO AN ADEQUATE OUTLET OR ROADWAY CROSSING.

THE LOCATION, TYPE, SIZE AND GRADE OF REPLACEMENTS SHALL BE DETERMINED BY THE ENGINEER AND PAYMENT SHALL BE MADE ON FINAL MEASUREMENTS.

EROSION CONTROL PADS SHALL BE PROVIDED AT THE OUTLET END OF ALL FARM DRAINS AS PER STANDARD CONSTRUCTION DRAWING DM-1.1, EXCEPT WHEN THEY OUTLET INTO A DRAINAGE STRUCTURE. PAYMENT FOR THE EROSION CONTROL PADS AND ANY NECESSARY BENDS OR BRANCHES SHALL BE INCLUDED FOR PAYMENT IN THE PERTINENT CONDUIT ITEMS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

611 6" CONDUIT, TYPE E 100 FT.
611 6" CONDUIT, TYPE F 50 FT.

DESIGNATED LOCAL DETOUR ROUTE

IN ADDITION TO THE OFFICIAL, SIGNED DETOUR ROUTE, A LOCAL ROUTE HAS BEEN DETERMINED TO BE THE SECONDARY, UNSIGNED DETOUR ROUTE OR "DESIGNATED LOCAL DETOUR ROUTE." THIS ROUTE IS SHOWN ON SHEET NO. 18. DURING THE TIME THAT TRAFFIC IS DETOURED, THE CONTRACTOR SHALL MAINTAIN THIS ROUTE IN A CONDITION WHICH IS REASONABLY SMOOTH AND FREE FROM HOLES, RUTS, RIDGES, BUMPS, DUST AND STANDING WATER. ONCE THE DETOUR IS REMOVED AND TRAFFIC RETURNED TO ITS NORMAL PATTERN, THE DESIGNATED LOCAL DETOUR ROUTE SHALL BE RESTORED TO A CONDITION THAT IS EQUIVALENT TO THAT WHICH EXISTED PRIOR TO ITS USE FOR THIS PURPOSE. ALL SUCH WORK SHALL BE PERFORMED WHEN AND AS DETERMINED BY THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITIES ARE PROVIDED FOR USE AS DETERMINED BY THE ENGINEER TO MAINTAIN AND SUBSEQUENTLY RESTORE THE DESIGNATED LOCAL DETOUR ROUTE.

ITEM 253 - PAVEMENT REPAIR 25 CY
25 CY CARRIED TO THE GENERAL SUMMARY

203 - EXCAVATION

33,661 CY TOTAL EXCAVATION FROM X-SEC SHEETS
3,289 CY TOTAL FILL FROM X-SEC SHEETS

ASPHALT EXCAVATION
26000' X 10' X 0.5' / 27 = 4,815 CY

33661 CY + 4815 CY = 38,476 CY

TOTAL EXCAVATION 38,476 CY
TOTAL EMBANKMENT 3,289 CY

ITEM 206 - CHEMICALLY STABILIZED SUBGRADE

CHEMICALLY STABILIZED SUBGRADE IS PROPOSED FOR THIS PROJECT FROM 274+60 TO 534+66 WITH A TREATMENT DEPTH OF 12". THE FOLLOWING ITEMS HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO CHEMICALLY STABILIZE THE SUBGRADE.

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
99918 SY CARRIED TO THE GENERAL SUMMARY

ITEM 206 - CEMENT
115 LB/CF X .05 X 27 CF/CY X 99918 SY
X 12"/36 / (2000 LB/TON) = 2586 TON
2586 CARRIED TO THE GENERAL SUMMARY

ITEM 206 - CURING COAT
99918 SY CARRIED TO THE GENERAL SUMMARY

ITEM 204 - PROOF ROLLING

THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO ADDRESS LOCATIONS REQUIRING PROOF ROLLING.

99918 SY / 2000 SY/HR = 50 HOURS
50 HOURS CARRIED TO THE GENERAL SUMMARY

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE REFERENCES AND BENCHMARKS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL
POSITIONING METHOD: STATIC GNSS
MONUMENT TYPE: B

VERTICAL POSITIONING
ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: 12A

HORIZONTAL POSITIONING
REFERENCE FRAME: NAD83 (2011)
ELLIPSOID: GRS80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO SPS, SOUTH
COMBINED SCALE FACTOR: 1.000000
ORIGIN OF COORD SYSTEM: (0,0)
UNITS ARE IN U.S. SURVEY FEET.

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

872,800 SF TOTAL SEEDING AND MULCHING FROM X-SEC SHEETS

ITEM 659 - SEEDING AND MULCHING
872800 SF / 9 = 96,678 SY
96,678 SY CARRIED TO THE GENERAL SUMMARY

ITEM 659 - COMMERCIAL FERTILIZER
872800 SF X (20 LBS/1000 SF) / (2000 LBS / TON)= 8.73 TON
8.73 TON CARRIED TO THE GENERAL SUMMARY

ITEM 659 - LIME
872800 SF / (43560 SF / ACRE)= 20.04 ACRE
20.04 ACRE CARRIED TO THE GENERAL SUMMARY

ITEM 659 - WATER
872800 SF X (2 X 300 GAL/1000 SF) / 1000= 524 MGAL
524 MGAL CARRIED TO THE GENERAL SUMMARY

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

CLEARING AND GRUBBING

THE DEPARTMENT HAS NOT MARKED INDIVIDUAL TREES AND STUMPS FOR REMOVAL. UNLESS SPECIFICALLY DESIGNATED AS "DO NOT DISTURB" IN THE PLANS, REMOVE ALL TREES AND STUMPS WITHIN THE CONSTRUCTION LIMITS UNDER THE LUMP SUM BID FOR ITEM 201 CLEARING AND GRUBBING.

VEGETATED BIOFILTER

THIS PLAN UTILIZES VEGETATED BIOFILTER(S) FOR POST CONSTRUCTION STORM WATER TREATMENT. PLACE EITHER ITEM 660 SODDING OR ITEM 659 SEEDING AND MULCHING WITH A 4-INCH LIFT OF TOPSOIL AS SHOWN IN THE PLANS TO ANY DISTURBED AREA ON THE SHOULDER AND FORESLOPE DRAINING TO A VEGETATED BIOFILTER. THE DITCH FOR EACH VEGETATED BIOFILTER SHALL BE TRAPEZOIDAL WITH A 4' DITCH BOTTOM, AS SHOWN IN THE PLAN CROSS SECTIONS. PROVIDE ITEM 670 AS PER PLAN.

ITEM 670 - DITCH EROSION PROTECTION
5393' X 7.5' / 9 = 4495 SY
4495 SY CARRIED TO THE GENERAL SUMMARY

| BMP TYPE | SR 7 STATION | | LENGTH | SIDE |
|-------------------------|--------------|--------|--------|------|
| | BEGIN | END | | |
| VEGETATED BIO FILTER 1 | 279+00 | 285+50 | 650 | LT |
| VEGETATED BIO FILTER 2 | 294+50 | 305+00 | 1050 | LT |
| VEGETATED BIO FILTER 3 | 384+54 | 389+50 | 496 | LT |
| VEGETATED BIO FILTER 4 | 389+50 | 391+00 | 150 | LT |
| VEGETATED BIO FILTER 5 | 391+00 | 396+00 | 500 | LT |
| VEGETATED BIO FILTER 6 | 396+00 | 398+00 | 200 | LT |
| VEGETATED BIO FILTER 7 | 398+00 | 403+00 | 500 | LT |
| VEGETATED BIO FILTER 8 | 403+00 | 412+99 | 999 | LT |
| VEGETATED BIO FILTER 9 | 413+00 | 415+00 | 200 | LT |
| VEGETATED BIO FILTER 10 | 424+00 | 428+00 | 400 | LT |
| VEGETATED BIO FILTER 11 | 523+02 | 525+50 | 248 | LT |

ITEM SPECIAL - MAILBOX SUPPORT

THIS WORK SHALL CONSIST OF FURNISHING AND ERECTING MAILBOX SUPPORTS AND ANY ASSOCIATED MOUNTING HARDWARE IN ACCORDANCE WITH PLAN DETAILS, AND ATTACHING AN OWNER-SUPPLIED MAILBOX AT LOCATIONS SPECIFIED IN THE PLAN, OR OTHERWISE ESTABLISHED BY THE ENGINEER.

WOOD POSTS SHALL BE NOMINAL 4 INCHES BY 4 INCHES SQUARE OR 4.5 INCHES DIAMETER ROUND, AND CONFORM TO 710.14.

STEEL POSTS SHALL BE NOMINAL PIPE SIZE 2 INCHES I.D., AND CONFORM TO AASHTO M 181.

ALL HARDWARE INCLUDING BUT NOT LIMITED TO PLATES, SCREWS, BOLTS, AND ETC. SHALL BE COMMERCIAL-GRADE GALVANIZED STEEL.

POSTS SHALL BE SET PER THE FIRST PARAGRAPH OF 606.03, AND SHALL IN NO INSTANCE BE ENCASED IN CONCRETE.

SUPPORT HARDWARE SHALL ACCOMMODATE EITHER A SINGLE OR A DOUBLE MAILBOX INSTALLATION, AND NO MORE THAN TWO BOXES MAY BE MOUNTED ON A SINGLE POST.

THE MAILBOX SHALL BE SECURELY AND NEATLY ATTACHED BY THE CONTRACTOR TO THE NEW SUPPORT. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ATTACHMENT HARDWARE (NUTS, BOLTS, PLATES, SPACERS, AND WASHERS) AS NECESSARY TO ACCOMMODATE THE COMPLETE INSTALLATION.

IN THE ABSENCE OF A NEW BOX SUPPLIED BY THE OWNER, THE CONTRACTOR SHALL SALVAGE THE EXISTING BOX AND PLACE IT ON THE NEW SUPPORT. DUE CARE SHALL BE EXERCISED IN SUCH AN OPERATION, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY BOX DAMAGED BY IMPROPER HANDLING ON HIS PART, AS JUDGED AND DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE LOCAL POST MASTER REGARDING THE TIMING OF THE MOVEMENT OF ANY MAILBOX TO A NEW LOCATION.

PAYMENT UNDER THIS ITEM SHALL BE LIMITED TO FINAL PERMANENT INSTALLATIONS. TEMPORARY INSTALLATIONS SHALL BE IN ACCORDANCE WITH 107.10. HOWEVER, THE SAME MATERIAL AND SIZE LIMITATIONS AS FOR PERMANENT INSTALLATIONS SHALL APPLY.

MAILBOX SUPPORTS, COMPLETE IN PLACE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH, FOR ITEM SPECIAL MAILBOX SUPPORT SYSTEM, (SINGLE) (DOUBLE).

71 EACH CARRIED TO THE GENERAL SUMMARY
NOTE: TEMPORARY MAILBOX SUPPORT SHALL BE MOVABLE TO ACCOMMODATE OVERSIZED VEHICLES FOR THE DURATION OF THE PROJECT.

202 - PIPE REMOVED, 24" AND UNDER, AS PER PLAN
THE FOLLOWING QUANTITY HAS BEEN ADDED TO REMOVE THE EXISTING UNDERDRAIN.

29,100' CARRIED TO THE GENERAL SUMMARY

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GENERAL NOTES

GAL-7-5.22

| SHEET NUM. | | | | | | | | | | PART. | | ITEM | ITEM EXT | GRAND TOTAL | UNIT | DESCRIPTION | SEE SHEET NO. |
|------------------------|---------|-------|-----|-------|-------|------|----|---------|--|-----------|-----------|---------|----------|-------------|------|---|---------------|
| 14 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | | 01/NHS/PV | 02/SAF/PV | | | | | | |
| ROADWAY | | | | | | | | | | | | | | | | | |
| LS | | | | | | | | | | LS | | 201 | 11000 | LS | | CLEARING AND GRUBBING | |
| | | | | 7 | 15 | 4 | | | | 26 | | 202 | 20010 | 26 | EACH | HEADWALL REMOVED | |
| | 63,330 | 149 | | | | | | | | 63,479 | | 202 | 23000 | 63,479 | SY | PAVEMENT REMOVED, PCC | |
| | | | | 21 | 215 | 116 | | | | 352 | | 202 | 32700 | 352 | SY | GUTTER REMOVED | |
| | | | | 3,622 | 2,134 | 632 | | | | 6,388 | | 202 | 35100 | 6,388 | FT | PIPE REMOVED, 24" AND UNDER | |
| 29,100 | | | | | | | | | | 29,100 | | 202 | 35101 | 29,100 | FT | PIPE REMOVED, 24" AND UNDER, AS PER PLAN | 14 |
| | | | | | | | | 6,662.5 | | 6,662.5 | | 202 | 38000 | 6,662.5 | FT | GUARDRAIL REMOVED | |
| | | | | 16 | 3 | | | | | 16 | | 202 | 58100 | 16 | EACH | CATCH BASIN REMOVED | |
| 38,476 | 834 | 583 | 95 | | | | | | | 39,988 | | 203 | 10000 | 39,988 | CY | EXCAVATION | |
| 3,289 | | | | | | | | | | 3,289 | | 203 | 20000 | 3,289 | CY | EMBANKMENT | |
| | 101,192 | | | | | | | | | 101,192 | | 204 | 10000 | 101,192 | SY | SUBGRADE COMPACTION | |
| | 1,341 | 2,197 | 361 | | | | | | | 3,899 | | 204 | 10001 | 3,899 | SY | SUBGRADE COMPACTION, AS PER PLAN | 13 |
| 50 | | | | | | | | | | 50 | | 204 | 45000 | 50 | HOUR | PROOF ROLLING | |
| 2,586 | | | | | | | | | | 2,586 | | 206 | 10500 | 2,586 | TON | CEMENT | |
| 99,918 | | | | | | | | | | 99,918 | | 206 | 11000 | 99,918 | SY | CURING COAT | |
| 99,918 | | | | | | | | | | 99,918 | | 206 | 15010 | 99,918 | SY | CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP | |
| | | | | | | | | 5,637.5 | | 5,637.5 | | 606 | 15050 | 5,637.5 | FT | GUARDRAIL, TYPE MGS | |
| | | | | | | | | 150 | | 150 | | 606 | 15100 | 150 | FT | GUARDRAIL, TYPE MGS WITH LONG POSTS | |
| | | | | | | | | 137.5 | | 137.5 | | 606 | 15400 | 137.5 | FT | MGS GUARDRAIL, TYPE 8 | |
| | | | | | | | | 4 | | 4 | | 606 | 26050 | 4 | EACH | ANCHOR ASSEMBLY, MGS TYPE B | |
| | | | | | | | | 12 | | 12 | | 606 | 26150 | 12 | EACH | ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) | |
| | | | | | | | | 13 | | 13 | | 606 | 26550 | 13 | EACH | ANCHOR ASSEMBLY, MGS TYPE T | |
| | | | | | | | | 4 | | 4 | | 606 | 35002 | 4 | EACH | MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 | |
| 71 | | | | | | | | | | 71 | | SPECIAL | 69050000 | 71 | EACH | MAILBOX SUPPORT | 14 |
| EROSION CONTROL | | | | | | | | | | | | | | | | | |
| | | | | 15 | 27 | 2 | | | | 44 | | 601 | 11001 | 44 | SY | RIPRAP, TYPE D, AS PER PLAN | 13 |
| | | | | 47 | 76 | 42 | | | | 165 | | 601 | 32204 | 165 | CY | ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC | |
| 96,678 | | | | | | | | | | 96,678 | | 659 | 10000 | 96,678 | SY | SEEDING AND MULCHING | |
| 8.73 | | | | | | | | | | 8.73 | | 659 | 20000 | 8.73 | TON | COMMERCIAL FERTILIZER | |
| 20.04 | | | | | | | | | | 20.04 | | 659 | 31000 | 20.04 | ACRE | LIME | |
| 524 | | | | | | | | | | 524 | | 659 | 35000 | 524 | MGAL | WATER | |
| 4,495 | | | | | | | | | | 4,495 | | 670 | 00700 | 4,495 | SY | DITCH EROSION PROTECTION | |
| | | | | | | | | | | | | LS | 15000 | LS | | STORM WATER POLLUTION PREVENTION PLAN | |
| | | | | | | | | | | | | LS | 15002 | LS | | STORM WATER POLLUTION PREVENTION INSPECTIONS | |
| | | | | | | | | | | | | LS | 15010 | LS | | STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE | |
| | | | | | | | | | | 100,000 | | 832 | 30000 | 100,000 | EACH | EROSION CONTROL | |
| DRAINAGE | | | | | | | | | | | | | | | | | |
| | | | | 7.5 | 7.2 | 3.1 | | | | 17.8 | | 511 | 46610 | 17.8 | CY | CLASS QC1 CONCRETE, HEADWALL | |
| | | | | 23.5 | 41.4 | 12.0 | | | | 76.9 | | 511 | 52110 | 76.9 | CY | CLASS QC MS CONCRETE | |
| | | | | | | | | | | 2,019 | | 605 | 13410 | 2,019 | FT | 6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC | |
| | | | | | | | | | | 39,880 | | 605 | 14020 | 39,880 | FT | 6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC | |
| 100 | | | | | | | | | | 100 | | 611 | 01400 | 100 | FT | 6" CONDUIT, TYPE E | |
| 50 | | | | | | | | | | 1,363 | | 611 | 01500 | 1,363 | FT | 6" CONDUIT, TYPE F | |
| | | | | 566 | 530 | 83 | | | | 1,129 | | 611 | 04900 | 1,129 | FT | 12" CONDUIT, TYPE B | |
| | | | | 344 | 281 | 121 | | | | 746 | | 611 | 07200 | 746 | FT | 18" CONDUIT, TYPE A | |
| | | | | 759 | 205 | 55 | | | | 1,019 | | 611 | 07400 | 1,019 | FT | 18" CONDUIT, TYPE B | |
| | | | | 1,337 | 96 | 895 | | | | 2,328 | | 611 | 07600 | 2,328 | FT | 18" CONDUIT, TYPE C | |
| | | | | 352 | 763 | 419 | | | | 1,534 | | 611 | 07900 | 1,534 | FT | 18" CONDUIT, TYPE D | |
| | | | | 70 | 90 | | | | | 160 | | 611 | 10200 | 160 | FT | 24" CONDUIT, TYPE A | |
| | | | | | 195 | | | | | 195 | | 611 | 10400 | 195 | FT | 24" CONDUIT, TYPE B | |
| | | | | 153 | | | | | | 153 | | 611 | 10600 | 153 | FT | 24" CONDUIT, TYPE C | |
| | | | | 1 | 3 | | | | | 4 | | 611 | 98330 | 4 | EACH | CATCH BASIN, NO. 5 WITHOUT APRON | |
| | | | | 14 | 3 | 5 | | | | 22 | | 611 | 98470 | 22 | EACH | CATCH BASIN, NO. 2-2B | |
| | | | | | | | | 12 | | 12 | | 611 | 99710 | 12 | EACH | PRECAST REINFORCED CONCRETE OUTLET | |

GENERAL SUMMARY

GAL - 7 - 5.22

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| REFERENCE NUMBER | STATION | SIDE | 202 | 202 | 202 | 202 | 511 | 601 | 601 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 511 | NOTES |
|-----------------------------------|------------------|------|--------------------------|----------------------|-----------------------------------|-----------------------------|------------------------------------|-----------------------------------|--|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--|-------------------------------|----------------------------|-----------------------|
| | | | HEADWALL REMOVED EACH | GUTTER REMOVED SY | PIPE REMOVED, 24" AND UNDER FT | CATCH BASIN REMOVED EACH | CLASS QC1 CONCRETE, HEADWALL CY | RIPRAP, TYPE D, AS PER PLAN SY | ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC CY | 12" CONDUIT, TYPE D FT | 18" CONDUIT, TYPE A FT | 18" CONDUIT, TYPE B FT | 18" CONDUIT, TYPE C FT | 18" CONDUIT, TYPE D FT | 24" CONDUIT, TYPE A FT | 24" CONDUIT, TYPE B FT | 24" CONDUIT, TYPE C FT | CATCH BASIN, NO. 5 WITHOUT APRON EACH | CATCH BASIN, NO. 2-2B EACH | CLASS QC MS CONCRETE CY | |
| D01 | 275+26 | L&R | 2 | | 61 | | 0.7 | | 2 | | 74 | | | | | | | | | | |
| D02 | 277+76 | L&R | 2 | | 61 | | 0.7 | | 2 | | 66 | | | | | | | | | 3.6 | ONLY ENCASE LEFT HALF |
| D03 | 278+56 TO 278+98 | R | | | 65 | | | | | | | | | | | 45 | | | | | |
| D04 | 407+57 TO 407+92 | R | | | 23 | | | | | 35 | | | | | | | | | | 1.4 | |
| D05 | 297+43 TO 297+86 | L | | | 28 | | | | | | | | | | 43 | | | | | | |
| D06 | 300+01 TO 300+40 | L | | | 21 | | | | | | | | | | 40 | | | | | 1.7 | |
| D07 | 305+15 | L&R | | 4 | 107 | | 0.7 | 4 | 3 | | 73 | | | | | | | | | | |
| D08 | 307+17 TO 307+53 | L | | | 35 | | | | | | | | | | | | | | | | |
| D09 | 307+42.15 | L&R | | 4 | 76 | | 0.7 | 3 | 3 | | 69 | | | | | | | | | | |
| D10 | 308+98 TO 309+36 | L | | | 21 | | | | | | 38 | | | | | | | | | | |
| D11 | 310+38 TO 310+86 | L | | | 37 | | | | | | 48 | | | | | | | | | 1.4 | |
| D12 | 314+80 | L&R | | 4 | 72 | 1 | 0.4 | | 3 | | | | 73 | | | | | 1 | | | CB-01 |
| D13 | 319+95.53 | L&R | | 4 | 63 | 1 | 0.4 | | 4 | | | | 67 | | | | | 1 | | | CB-02 |
| D14 | 320+58 TO 321+06 | L | | | 25 | | | | | | | | | | 49 | | | | | | |
| D15 | 321+57 TO 322+07 | L | | | 27 | | | | | | 50 | | | | | | | | | 1.4 | |
| D16 | 325+32 TO 325+70 | L | | | 28 | | | | | | 38 | | | | | | | | | 1.4 | |
| D17 | 328+42 | L&R | | 5 | 59 | 1 | 0.4 | | 4 | | | | 65 | | | | | 1 | | | CB-03 |
| D18 | 378+88 TO 379+36 | R | | | 26 | | | | | | 48 | | | | | | | | | 1.4 | |
| D19 | 332+19 | L&R | | | 59 | 1 | 0.7 | 4 | 2 | | 62 | | | | | | | | | 3.6 | ONLY ENCASE LEFT HALF |
| D20 | 336+70 TO 337+11 | L | | | 41 | | | | | | | | | | | | | | | | |
| D21 | 338+64 | L&R | 2 | | 67 | | 0.4 | | 4 | | | | 62 | | | | | 1 | | | CB-04 |
| D22 | 339+24 TO 339+71 | L | | | 64 | | | | | | | | | | 47 | | | | | 1.7 | |
| D23 | 344+69 | L&R | | | 73 | 1 | 0.4 | | 5 | | | | 68 | | | | | 1 | | | CB-05 |
| D24 | 344+68 TO 345+08 | L | | | | | | | | | | | | | 38 | | | | | | |
| D25 | 346+62 TO 346+98 | L | | | 36 | | | | | | | | | | | | | | | | |
| D26 | 348+15 | L&R | | | 76 | 1 | 0.4 | | 4 | | | | 74 | | | | | 1 | | | CB-06 |
| D27 | 353+01 TO 353+46 | L | | | 46 | | | | | | 45 | | | | | | | | | | |
| D28 | 354+40 | L&R | | | 72 | 1 | 0.4 | | 3 | | | | 68 | | | | | 1 | | | CB-07 |
| D29 | 355+98 TO 356+48 | L | | | 50 | | | | | | | | | | | | | | | | |
| D30 | 359+56 TO 360+39 | L | | | | | | | | | 61 | | | | | | | | | 1.4 | |
| D31 | 360+40 | L&R | | | 59 | 1 | 0.4 | | 3 | | | | 56 | | | | | 1 | | | CB-08 |
| D32 | 366+68 TO 364+20 | L | | | | | | | | | 53 | | | | | | | | | 1.4 | |
| 0.40 | 368+00 | L&R | | | | | 0.4 | 4 | | | | | 54 | | | | | | | | |
| D34 | 367+78 TO 368+43 | L | | | 65 | | | | | | | | | | | | | | | | |
| D35 | 371+50 TO 371+98 | L | | | 170 | | | | | | 48 | | | | | | | | | | |
| D36 | 372+61 TO 373+13 | L | | | | | | | | | 52 | | | | | | | | | | |
| D37 | 373+53 | L&R | | | 58 | | 0.4 | | 2 | | | | 63 | | | | | 1 | | | CB-10 |
| D38 | 375+72 TO 376+12 | R | | | 40 | | | | | | | | | | 40 | | | | | 1.7 | |
| D39 | 378+64 TO 379+13 | L | | | | | | | | | | | | | 50 | | | | | | |
| D40 | 377+03 TO 380+53 | L | | | 354 | 1 | | | | | | | | | | | | | | | |
| D41 | 380+53 TO 391+02 | L | | | 1050 | | | | | | | | | | | | | | | | |
| D42 | 383+77 TO 384+55 | L | | | 151 | | | | 3 | | | | | | | | 153 | | | | |
| D43 | 384+54 | L&R | | | 48 | 2 | | | | | 51 | | | | | | 1 | 1 | | | CB-11, CB-12 |
| D44 | 384+54 TO 391+02 | L | | | | 1 | | | | | | | 644 | | | | | 1 | | | CB-13 |
| D45 | 391+02 TO 398+00 | L | | | | | | | | | 693 | | | | | | | 1 | | | CB-14 |
| D46 | 399+54 TO 399+74 | L | | | 20 | | | | | | | | | | | | | | | | |
| D47 | 402+29 TO 402+70 | L | | | 40 | | | | | | | | | | | | | | | | |
| D48 | 406+29 TO 406+78 | L | | | 102 | | | | | | 50 | | | | | | | | | 1.4 | |
| D49 | 412+99.60 | L&R | 1 | | 46 | 1 | | | | | | 58 | | | | | | 2 | | | CB-15, CB-16 |
| TOTALS CARRIED TO GENERAL SUMMARY | | | 7 | 21 | 3622 | 13 | 7.5 | 15 | 47 | 566 | 344 | 759 | 1337 | 352 | 0 | 0 | 153 | 1 | 14 | 23.5 | |

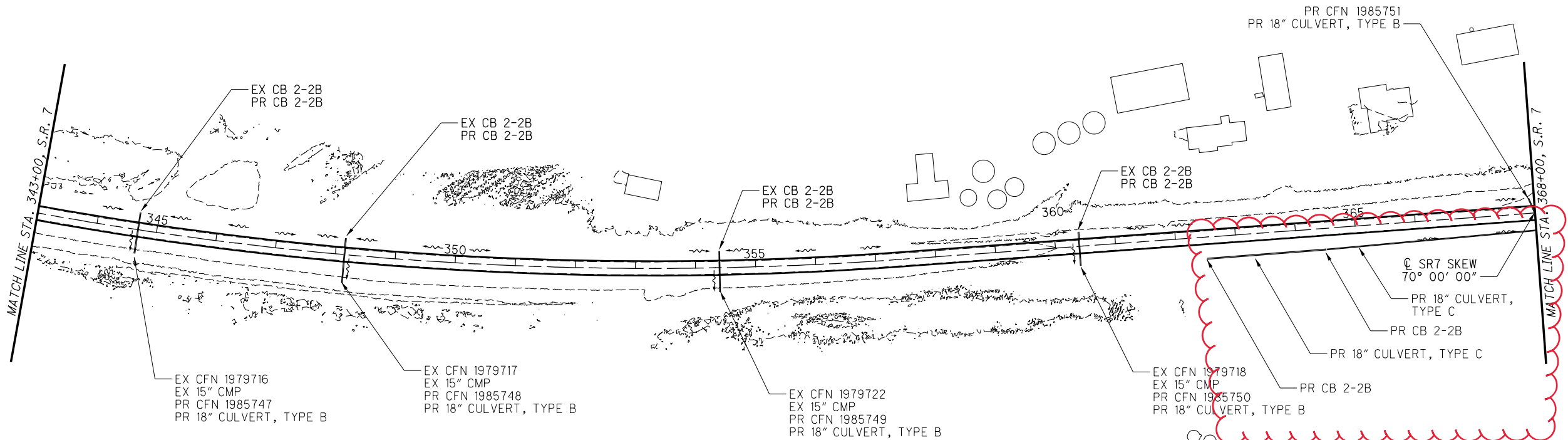
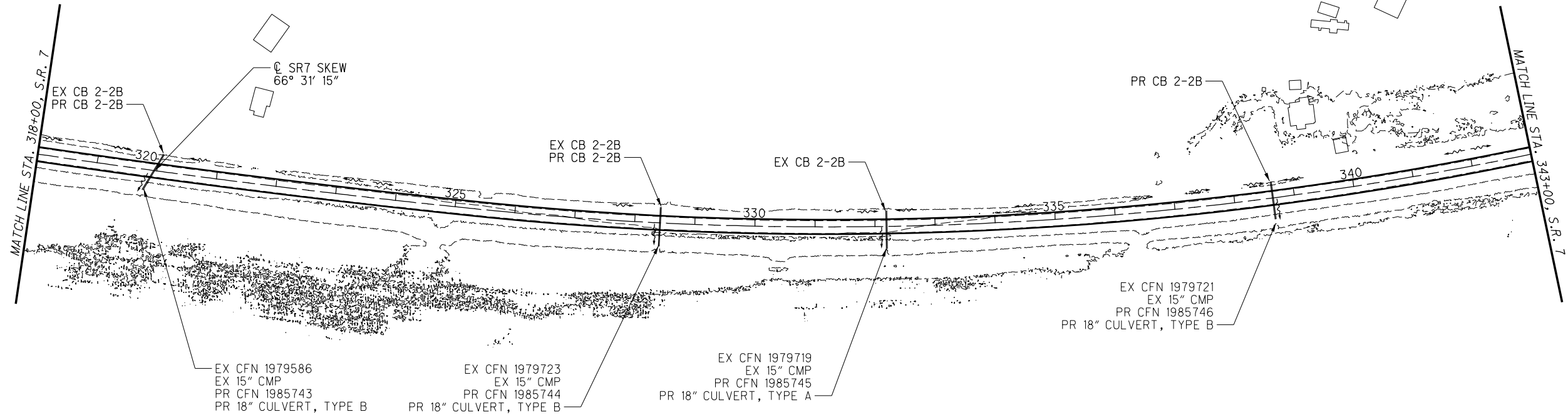
| | | | |
|----------------------------|-----|---------|-----|
| CALCULATED | KWK | CHECKED | MRF |
| DRAINAGE SUBSUMMARY | | | |
| GAL-7-5.22 | | | |
| 32 | | | |
| 348 | | | |

I:\ProjectData\GAL\01518_GAL-7-5.22\Design\Roadway\Sheets\01518_GS001.dgn DRAINAGE3 1/13/2023 3:47 AM KKLESKI

| REFERENCE NUMBER | STATION | SIDE | 202 | 202 | 202 | 202 | 511 | 601 | 601 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 511 | NOTES | |
|-----------------------------------|------------------------|------|--------------------------|----------------------|-----------------------------------|-----------------------------|------------------------------------|-----------------------------------|--|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--|-------------------------------|----------------------------|-------|-------|
| | | | HEADWALL REMOVED EACH | GUTTER REMOVED SY | PIPE REMOVED, 24" AND UNDER FT | CATCH BASIN REMOVED EACH | CLASS QC1 CONCRETE, HEADWALL CY | RIPRAP, TYPE D, AS PER PLAN SY | ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC CY | 12" CONDUIT, TYPE D FT | 18" CONDUIT, TYPE A FT | 18" CONDUIT, TYPE B FT | 18" CONDUIT, TYPE C FT | 18" CONDUIT, TYPE D FT | 24" CONDUIT, TYPE A FT | 24" CONDUIT, TYPE B FT | 24" CONDUIT, TYPE C FT | CATCH BASIN, NO. 5 WITHOUT APRON EACH | CATCH BASIN, NO. 2-2B EACH | CLASS QC MS CONCRETE CY | | |
| D100 | 494+89 TO 495+10 | R | | | 21 | | | | | 33 | | | | | | | | | | | 1.4 | |
| D101 | 498+53 TO 498+66 | L | | | 13 | | | | | | | | | | | | | | | | | |
| D102 | 501+50 TO 501+64 | L | | 6 | | | | | | 7 | | | | | | | | | | | | |
| D103 | 499+00 TO 499+20 | R | | 27 | | | | | | 5 | | | | | | | | | | | | |
| D104 | 502+54 TO 503+44 | R | | 27 | 31 | | | | | 9 | | | | | | 56 | | | | | | |
| D105 | 506+12 TO 506+50 | R | | | 31 | | | | | | | | | | | 38 | | | | | | |
| D106 | 508+00 | L&R | | | 65 | | 0.7 | | | 4 | | 58 | | | | | | | | | 7.2 | |
| D107 | 509+28 TO 509+93 | L | | | 41 | | | | | | | | | | | 65 | | | | | | |
| D108 | 512+57 | L&R | 1 | 2 | 70 | | 0.4 | | | 3 | | 55 | | | | | | | | 1 | | CB-22 |
| D109 | 518+62 | L&R | 2 | 6 | 52 | | 0.7 | | | 4 | | 63 | | | | | | | | | | |
| D110 | 521+55 TO 522+09 | L | | | 50 | | | | | | | | | | | 55 | | | | | | |
| D111 | 522+08 TO 523+00 | L | | 48 | | | | | | | | | | | | | | | | | | |
| D112 | 523+03 TO 523+45 | L | | | 60 | | | | | 3 | | | | | | 59 | | | | | 1.7 | |
| D113 | 523+02 | L&R | | | 90 | | 0.9 | 2 | 2 | | | | | | | 90 | | | | | | |
| D114 | 532+68 TO 533+27 | L | | | 78 | | | | | | | | | | | 59 | | | | | 1.7 | |
| D115 | 450+57 | R | 1 | | 30 | | | | | | | | | | | | | | | | | |
| D116 | 361+62.62 TO 362+50.00 | R | | | | | | | | | | | | | | 87 | | | | | 1 | CB-24 |
| D117 | 362+50.00 TO 364+50.00 | R | | | | | | | | | | | 198 | | | | | | | | 1 | CB-25 |
| D118 | 364+50.00 TO 368+10.04 | R | | | | | | | | | | | 359 | | | | | | | | 1 | CB-26 |
| D119 | 368+10.04 TO 371+00.00 | R | | | | | | | | | | | 288 | | | | | | | | 1 | CB-27 |
| D120 | 371+00.00 TO 371+50.00 | R | | | | | 0.4 | | 2 | | | | 50 | | | | | | | | | |
| TOTALS CARRIED TO GENERAL SUMMARY | | | 4 | 116 | 632 | 0 | 3.1 | 2 | 42 | 33 | 121 | 55 | 895 | 419 | 90 | 0 | 0 | 0 | 0 | 5 | 12.0 | |

| | |
|----------------------------|---------|
| CALCULATED | KWK |
| | CHECKED |
| MRF | |
| DRAINAGE SUBSUMMARY | |
| GAL - 7 - 5.22 | |
| 34 | |
| 348 | |

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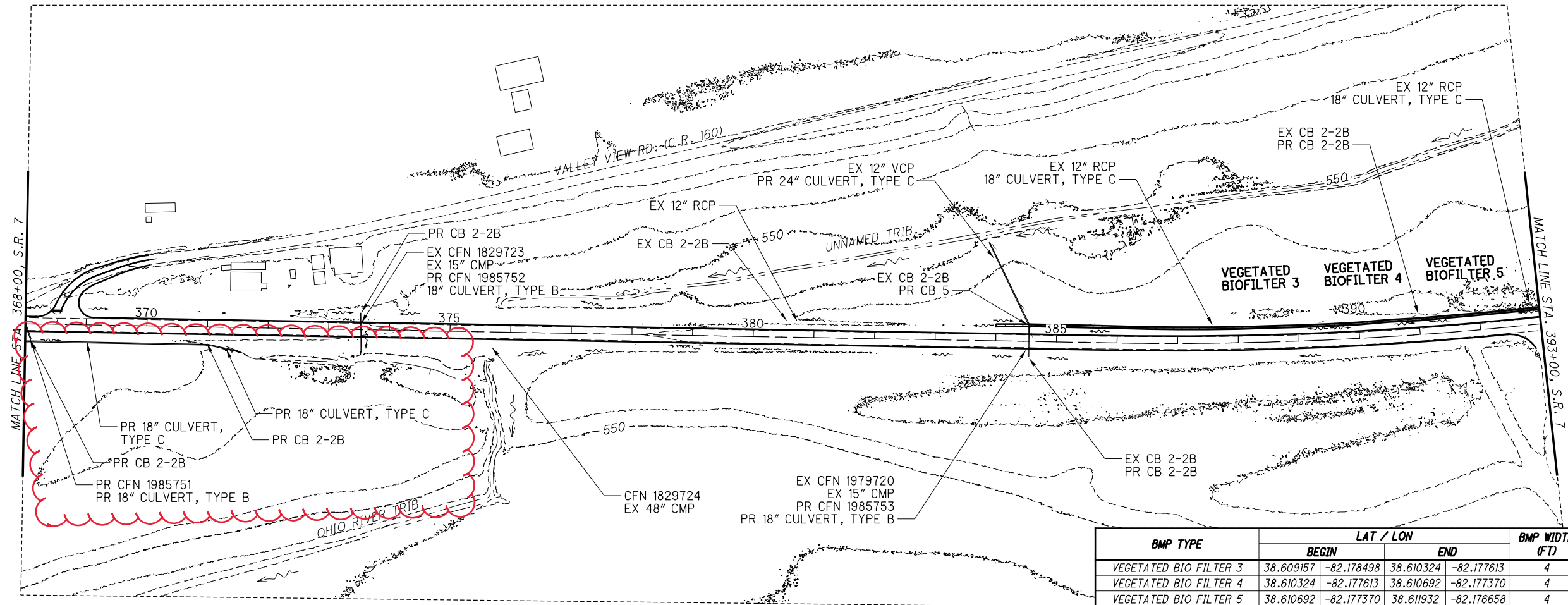
| | | | |
|------------|-----|---------|-----|
| CALCULATED | KWK | CHECKED | MRF |
| | | | |

SITE PLAN
SR 7 STA 318+00 TO 368+00

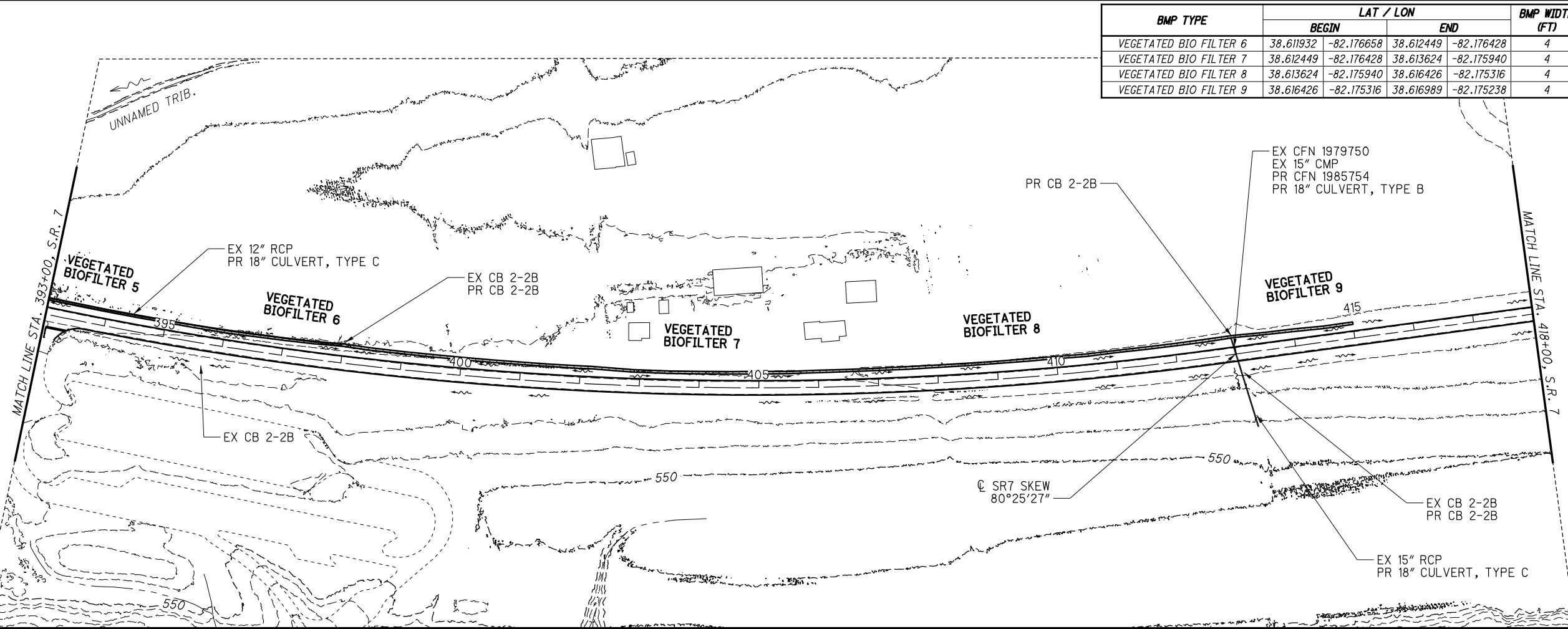
GAL-7-5.22



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| BMP TYPE | LAT / LON | | BMP WIDTH (FT) | EDA TREATMENT CREDIT (ACRE) |
|------------------------|-----------|---------------------------------|----------------|-----------------------------|
| | BEGIN | END | | |
| VEGETATED BIO FILTER 3 | 38.609157 | -82.178498 38.610324 -82.177613 | 4 | 0.60 |
| VEGETATED BIO FILTER 4 | 38.610324 | -82.177613 38.610692 -82.177370 | 4 | 0.19 |
| VEGETATED BIO FILTER 5 | 38.610692 | -82.177370 38.611932 -82.176658 | 4 | 0.62 |

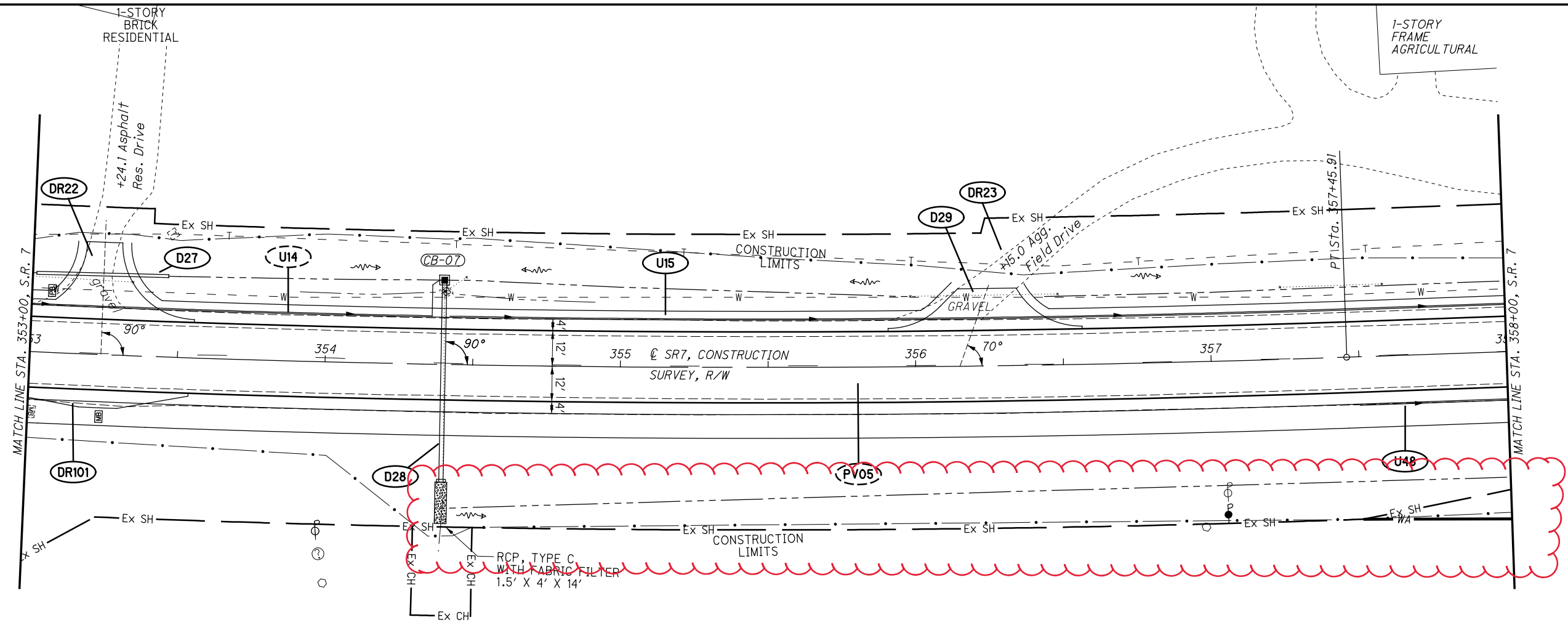


| BMP TYPE | LAT / LON | | BMP WIDTH (FT) | EDA TREATMENT CREDIT (ACRE) |
|------------------------|-----------|---------------------------------|----------------|-----------------------------|
| | BEGIN | END | | |
| VEGETATED BIO FILTER 6 | 38.611932 | -82.176658 38.612449 -82.176428 | 4 | 0.27 |
| VEGETATED BIO FILTER 7 | 38.612449 | -82.176428 38.613624 -82.175940 | 4 | 0.60 |
| VEGETATED BIO FILTER 8 | 38.613624 | -82.175940 38.616426 -82.175316 | 4 | 1.60 |
| VEGETATED BIO FILTER 9 | 38.616426 | -82.175316 38.616989 -82.175238 | 4 | 0.20 |

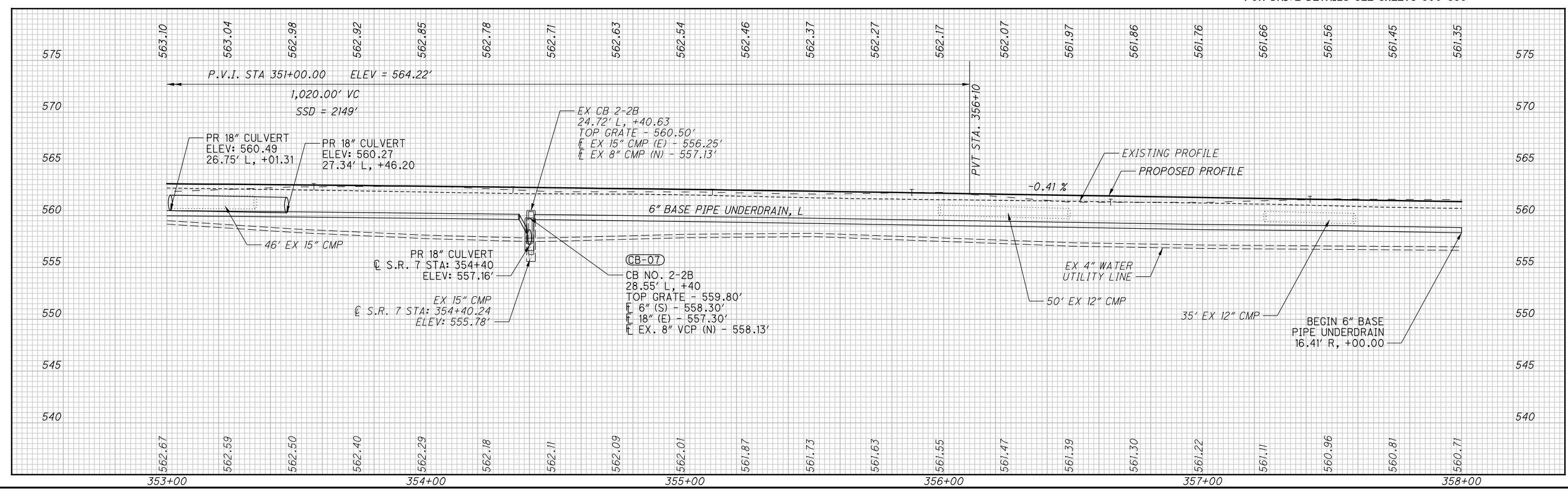


SITE PLAN
SR 7 STA 368+00 TO 418+00

GAL-7-5.22



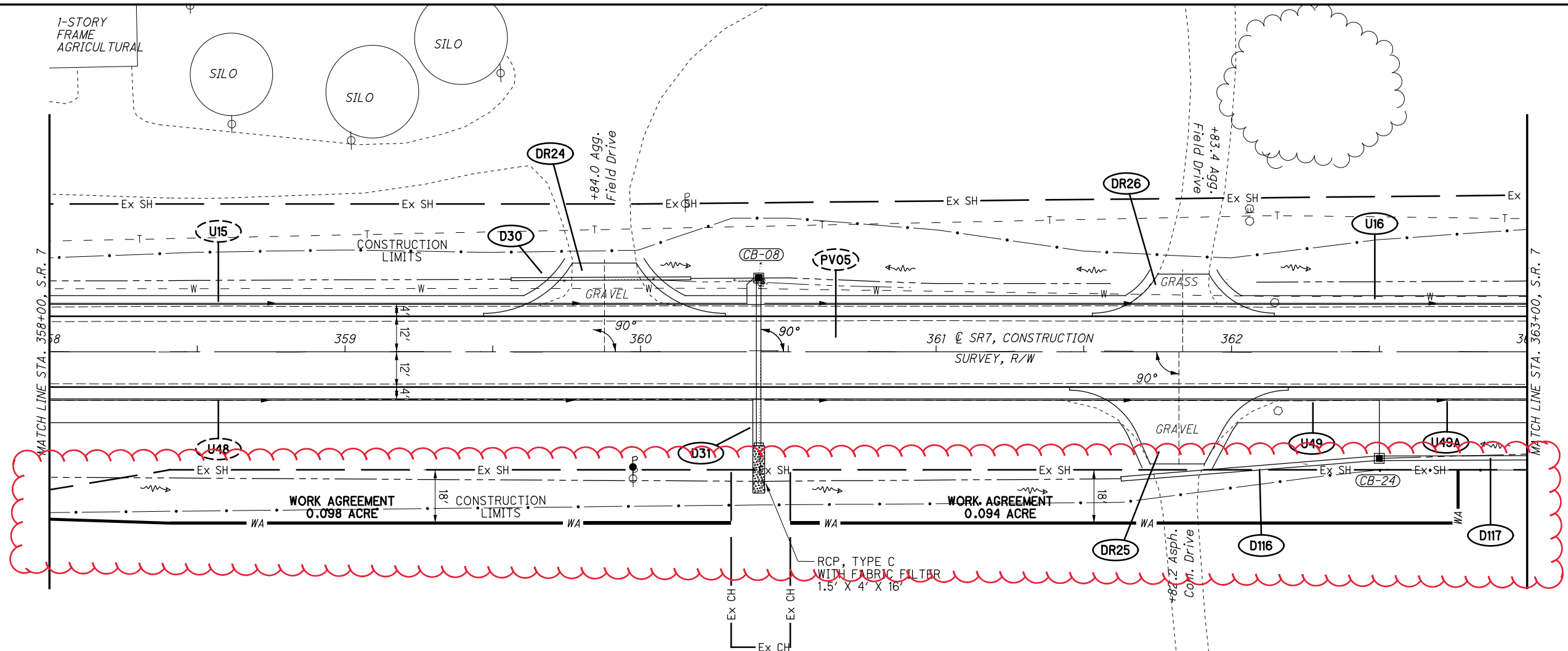
NOTES:
FOR DRIVE DETAILS SEE SHEETS 306-338



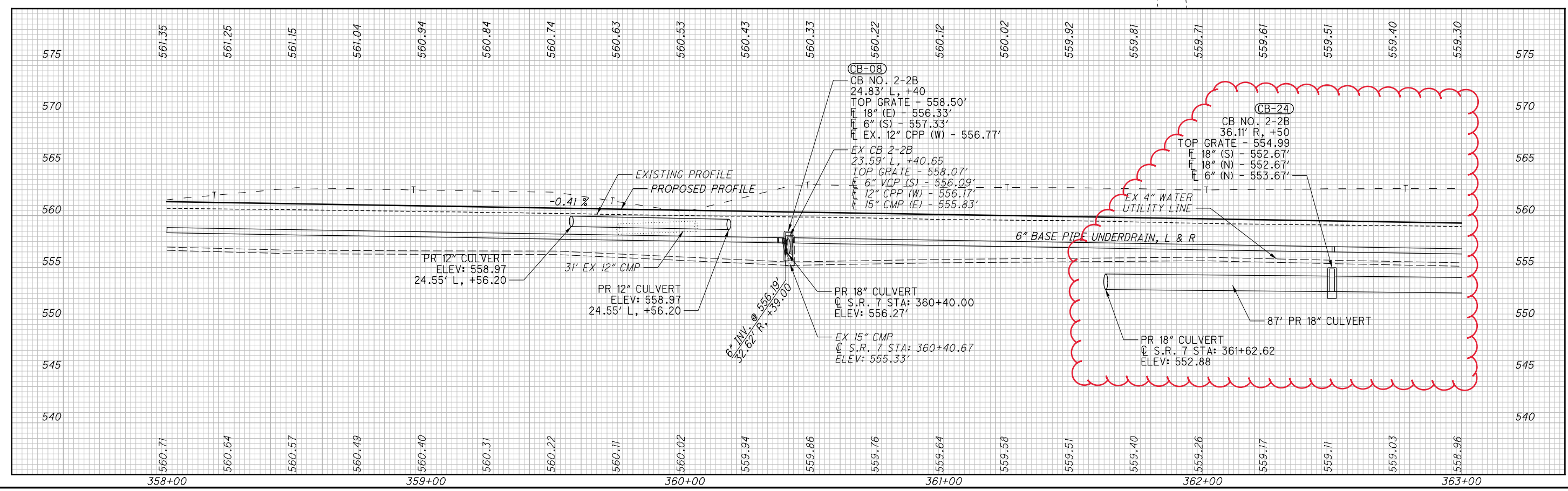
PLAN AND PROFILE
STA. 353+00 TO STA. 358+00, S.R. 7

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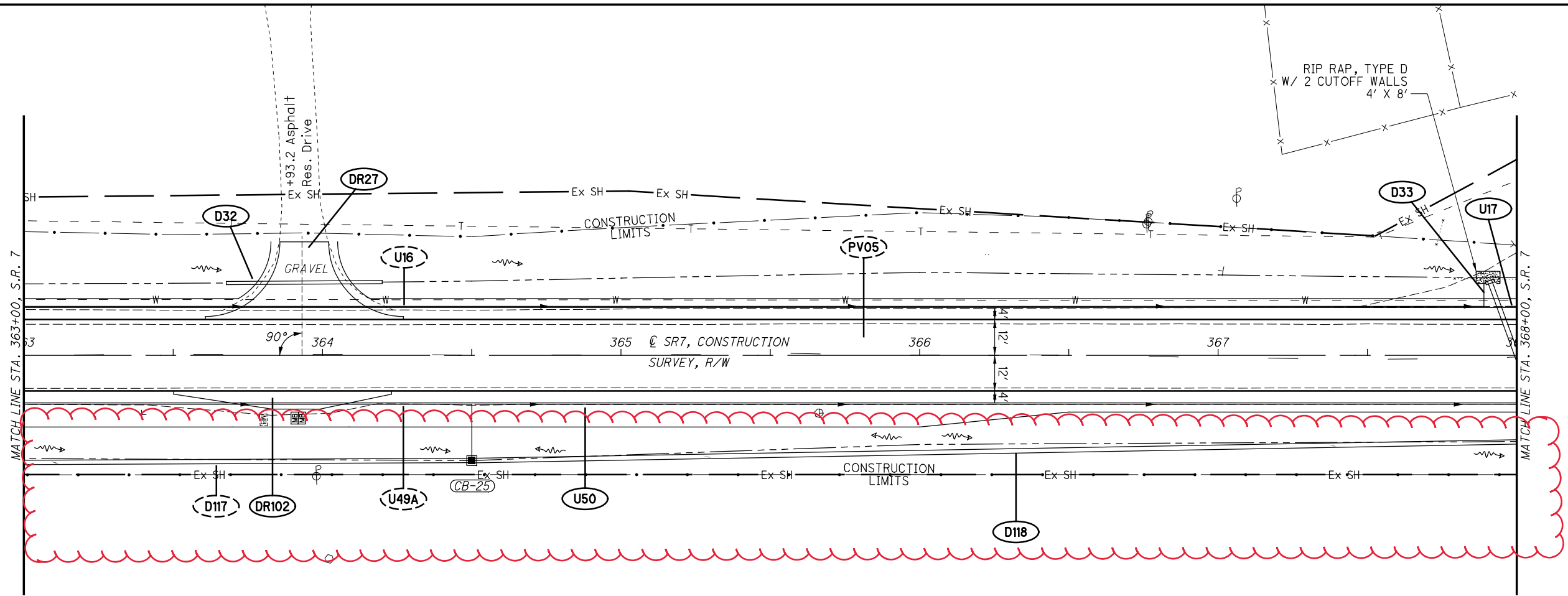


NOTES:
FOR DRIVE DETAILS SEE SHEETS 306-338

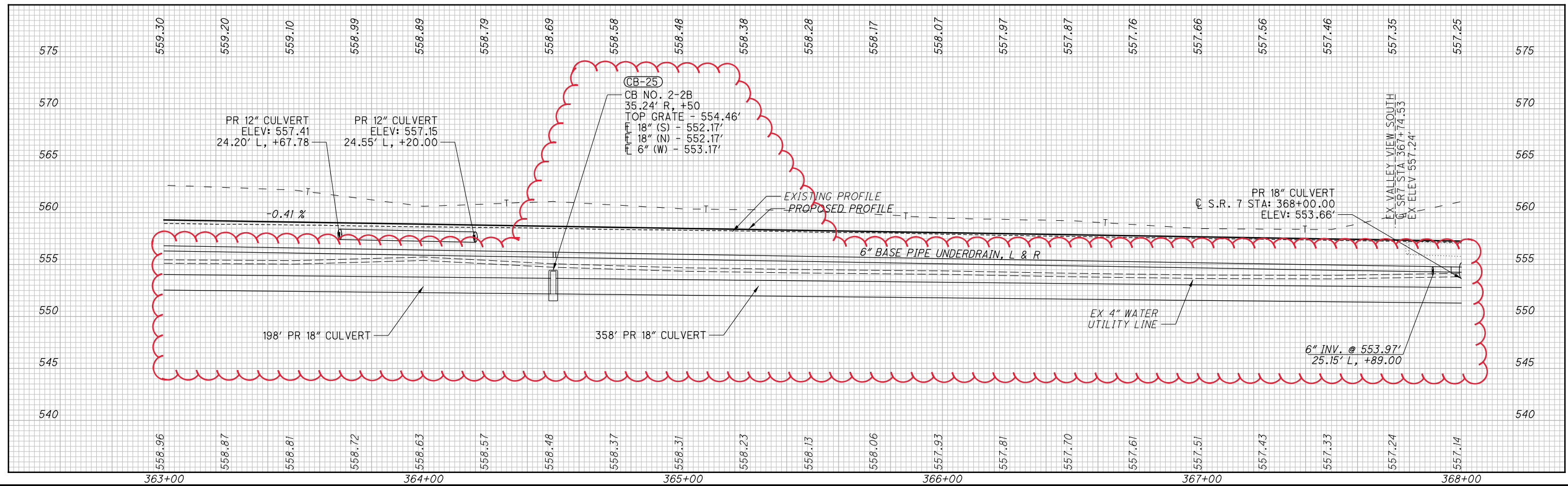


PLAN AND PROFILE
STA. 358+00 TO STA. 363+00, S.R. 7

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NOTES:
FOR DRIVE DETAILS SEE SHEETS 306-338

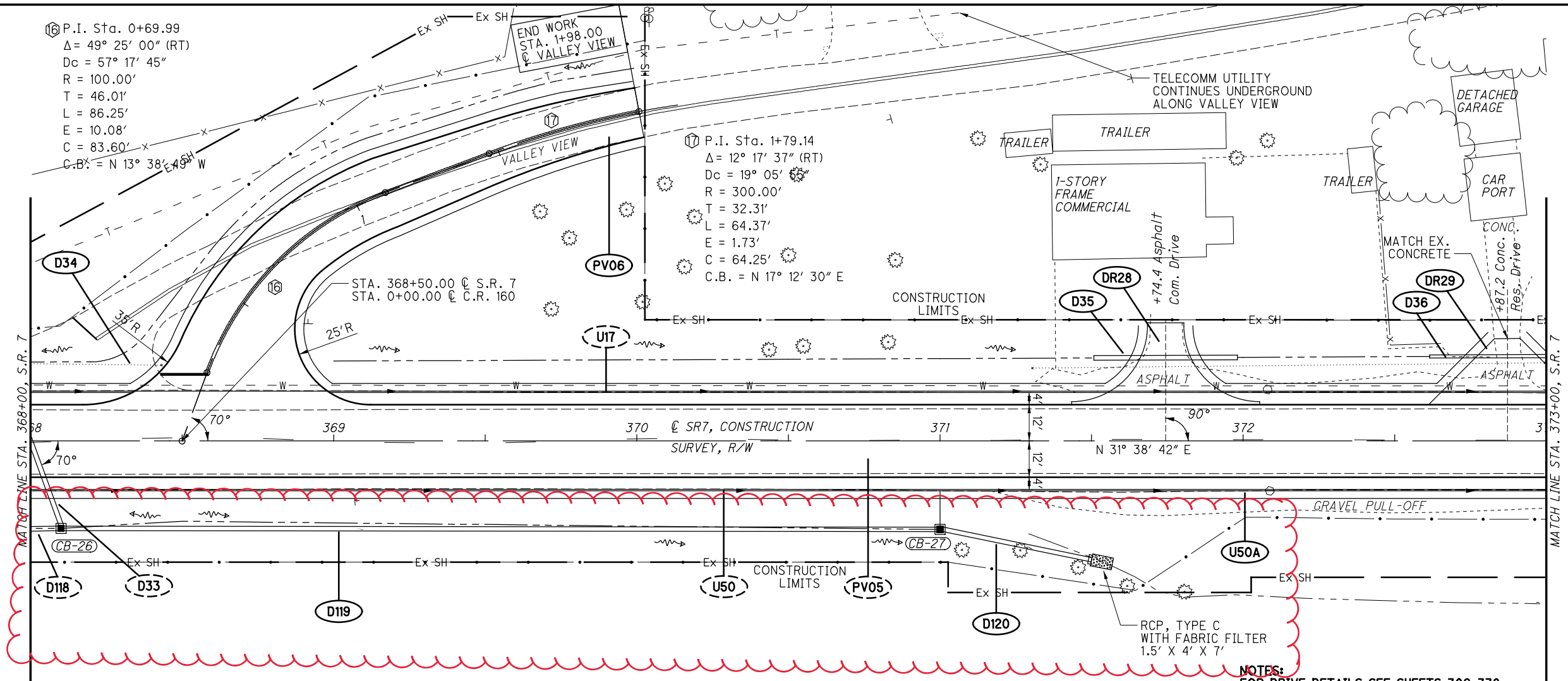


PLAN AND PROFILE
STA. 383+00 TO STA. 388+00, S.R. 7

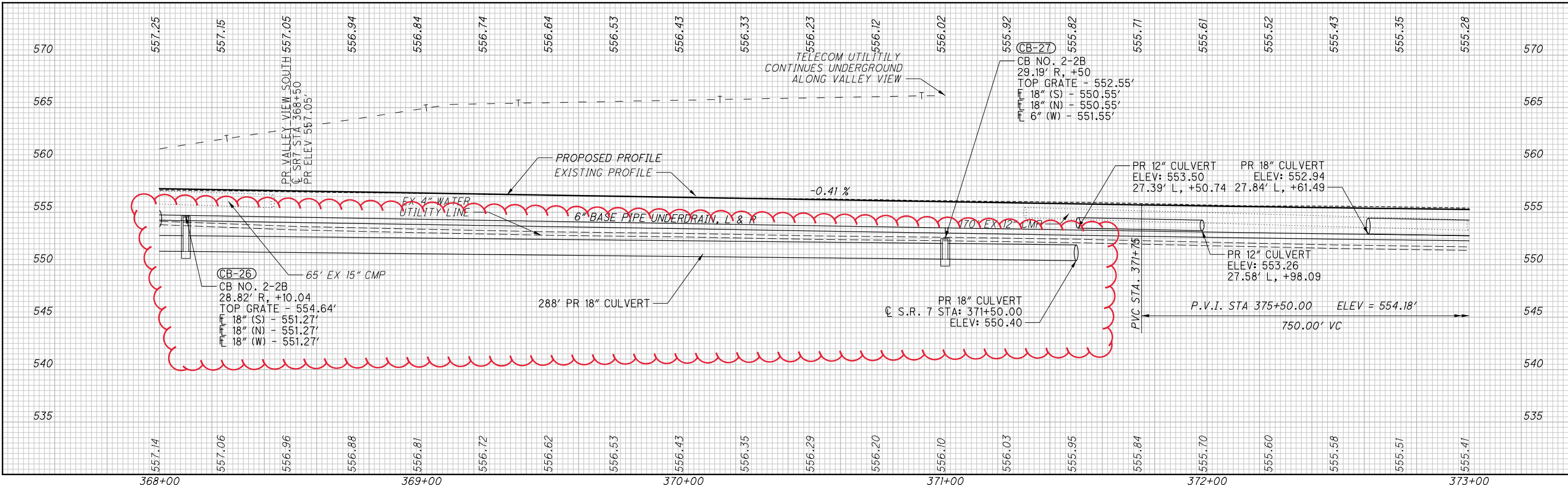
P.I. Sta. 0+69.99
 $\Delta = 49^\circ 25' 00''$ (RT)
 $D_c = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 46.01'$
 $L = 86.25'$
 $E = 10.08'$
 $C = 83.60'$
 $C.B. = N 13^\circ 38' 49'' W$

END WORK
 STA. 1+98.00
 @ VALLEY VIEW

P.I. Sta. 1+79.14
 $\Delta = 12^\circ 17' 37''$ (RT)
 $D_c = 19^\circ 05'$
 $R = 300.00'$
 $T = 32.31'$
 $L = 64.37'$
 $E = 1.73'$
 $C = 64.25'$
 $C.B. = N 17^\circ 12' 30'' E$



NOTES:
 FOR DRIVE DETAILS SEE SHEETS 306-338
 FOR SIDE ROAD DETAILS SEE SHEETS 102-106



CB-26
 CB NO. 2-2B
 $28.82' R, +10.04$
 TOP GRATE - 554.64'
 $18'' (S) - 551.27'$
 $18'' (N) - 551.27'$
 $18'' (W) - 551.27'$

CB-27
 CB NO. 2-2B
 $29.19' R, +50$
 TOP GRATE - 552.55'
 $18'' (S) - 550.55'$
 $18'' (N) - 550.55'$
 $6'' (W) - 551.55'$

PR 12" CULVERT
 ELEV: 553.50
 27.39' L, +50.74

PR 18" CULVERT
 ELEV: 552.94
 27.84' L, +61.49

PR 12" CULVERT
 ELEV: 553.26
 27.58' L, +98.09

PR 18" CULVERT
 @ S.R. 7
 STA: 371+50.00
 ELEV: 550.40

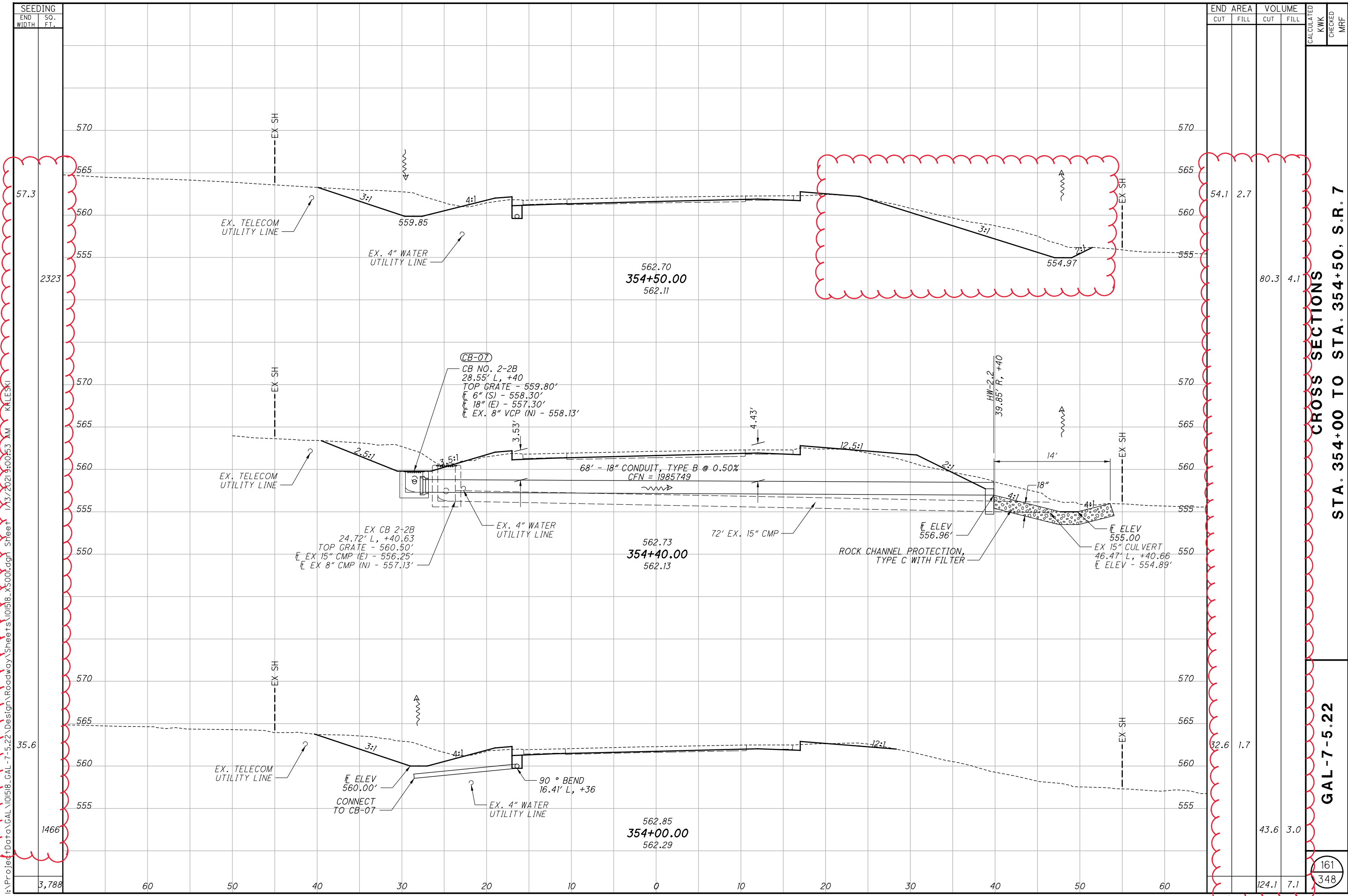
P.V.I. STA 375+50.00
 ELEV = 554.18'
 750.00' VC



PLAN AND PROFILE
 STA. 368+00 TO STA. 373+00, S.R. 7

GAL-7-5.22

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| SEEDING | |
|-----------|---------|
| END WIDTH | SO. FT. |
| 57.3 | 2323 |
| 35.6 | 1466 |
| 3,788 | |

| END AREA | | VOLUME | | CALCULATED KWK | CHECKED MRF |
|----------|------|--------|------|-------------------|----------------|
| CUT | FILL | CUT | FILL | | |
| 54.1 | 2.7 | 80.3 | 4.1 | | |
| 32.6 | 1.7 | 43.6 | 3.0 | | |
| 124.1 | 7.1 | | | | |

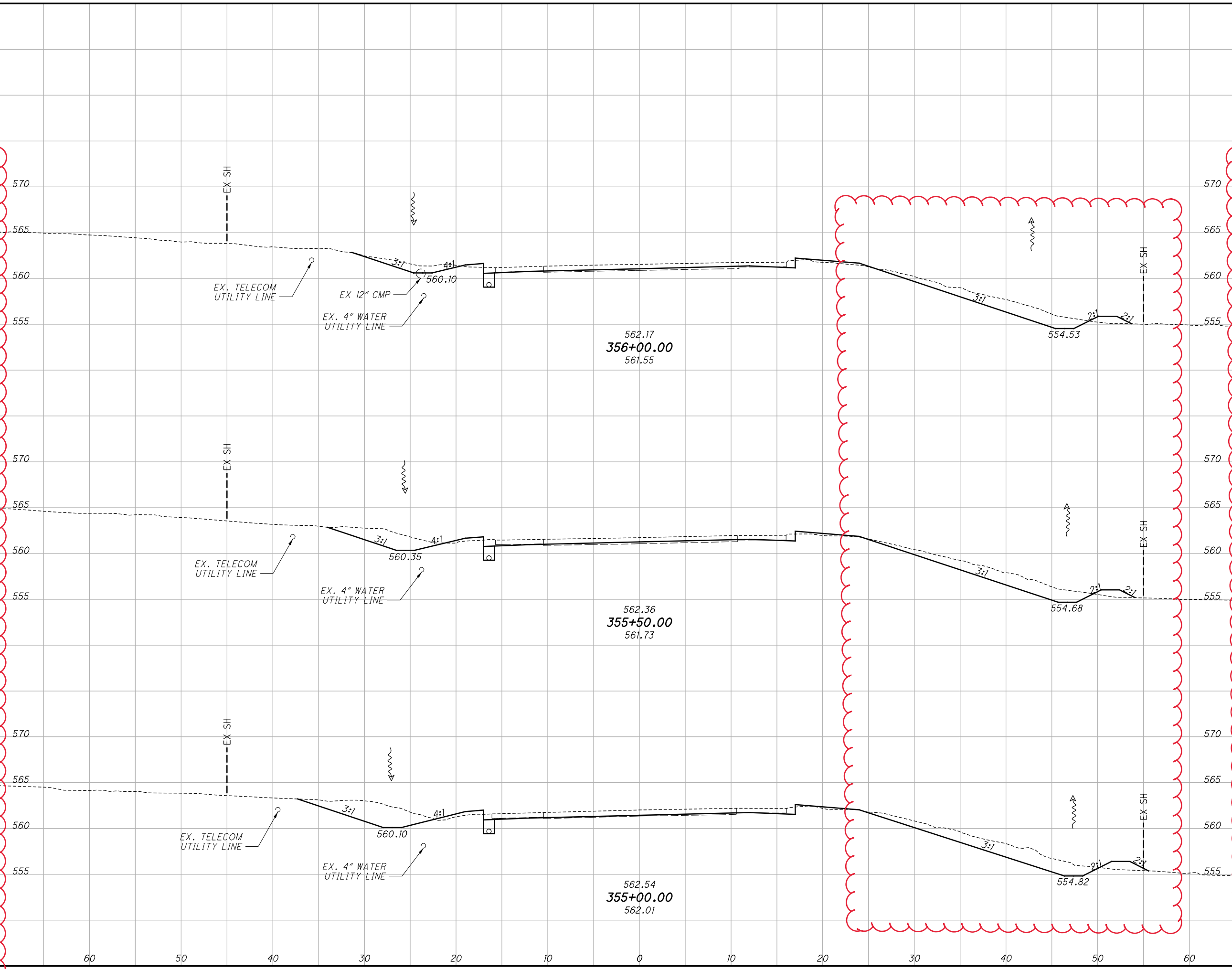
CROSS SECTIONS
STA. 354+00 TO STA. 354+50, S.R. 7
GAL-7-5.22

161
348

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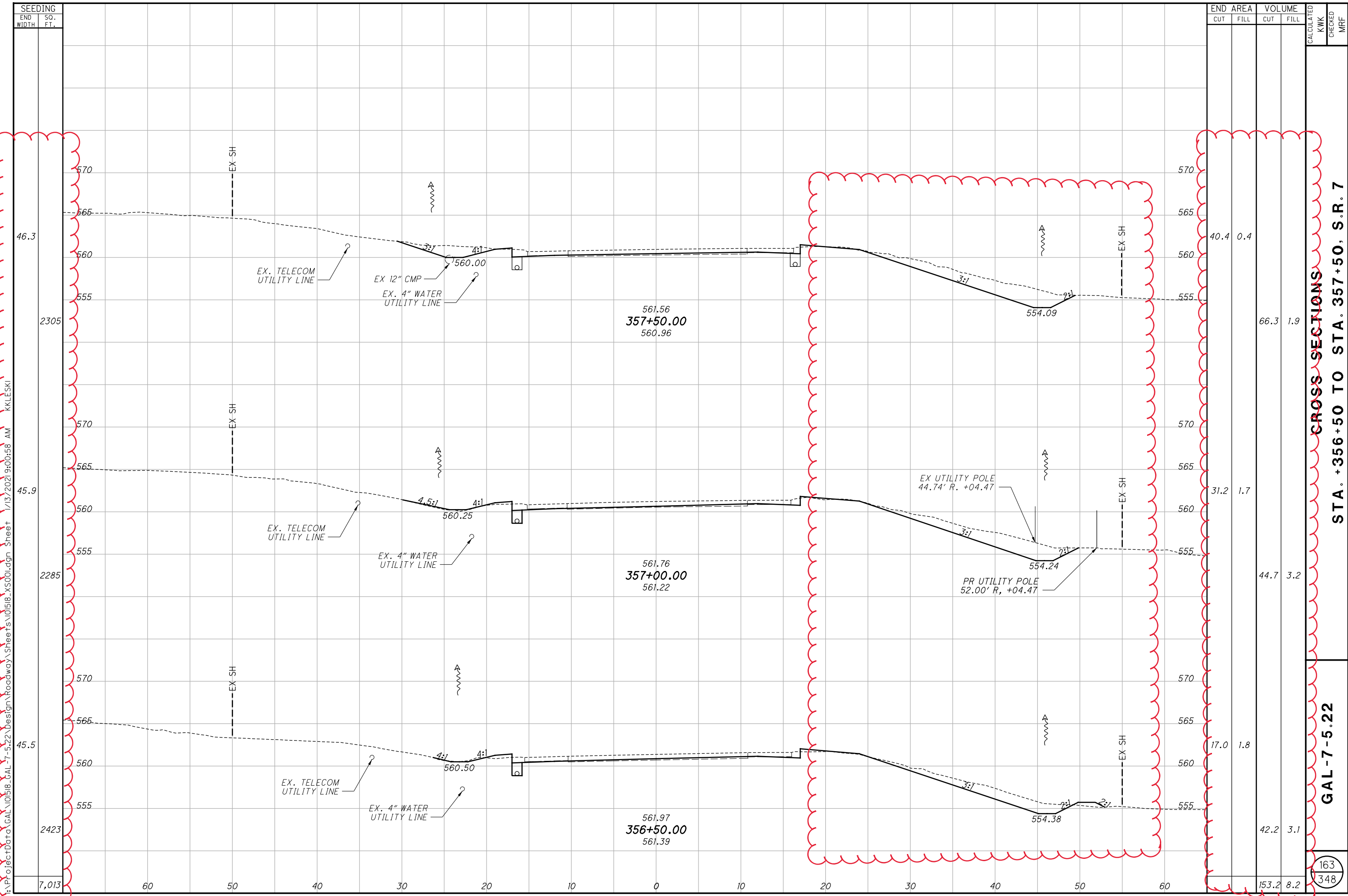
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| SEEDING | |
|-----------|---------|
| END WIDTH | SO. FT. |
| 8,408 | |



| END AREA | | VOLUME | | CALCULATED KWK | CHECKED MRF |
|----------|------|--------|------|-------------------|----------------|
| CUT | FILL | CUT | FILL | | |
| 28.5 | 1.5 | 61.4 | 3.3 | | |
| 37.8 | 2.1 | 80.4 | 4.4 | | |
| 49.0 | 2.7 | 95.5 | 5.0 | | |
| 237.3 | 12.7 | | | | |

CROSS SECTIONS
STA. 355+00 TO STA. 356+00, S.R. 7
GAL-7-5.22
 162
 348



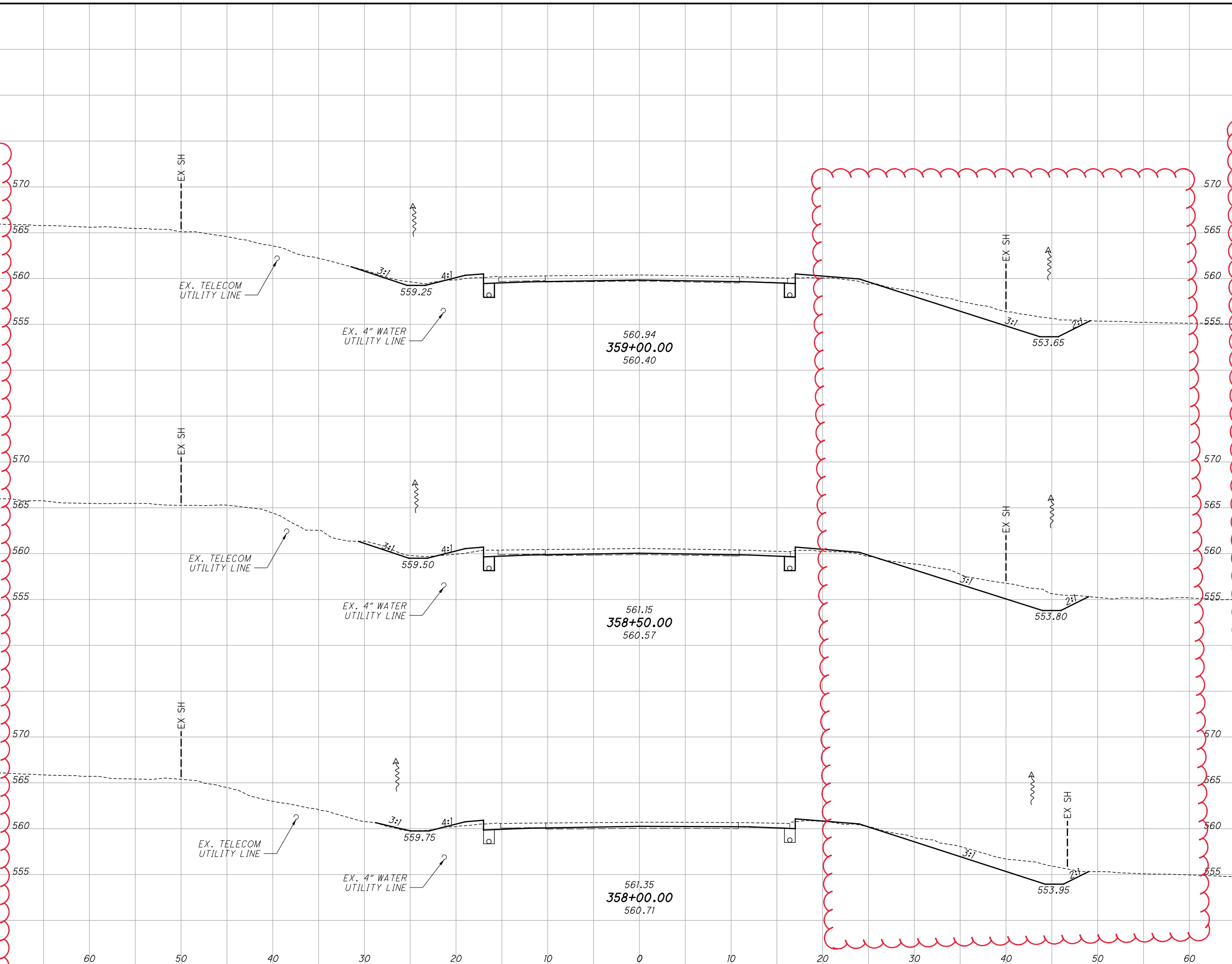
| SEEDING | |
|-----------|---------|
| END WIDTH | SO. FT. |
| 46.3 | 2305 |
| 45.9 | 2285 |
| 45.5 | 2423 |
| 7,013 | |

| END AREA | | VOLUME | | CALCULATED KWK | CHECKED MRF |
|----------|------|--------|------|-------------------|----------------|
| CUT | FILL | CUT | FILL | | |
| 40.4 | 0.4 | 66.3 | 1.9 | | |
| 31.2 | 1.7 | 44.7 | 3.2 | | |
| 17.0 | 1.8 | 42.2 | 3.1 | | |
| 153.2 | 8.2 | | | | |

CROSS SECTIONS
STA. +356+50 TO STA. 357+50, S.R. 7
GAL-7-5.22
 163
 348

I:\ProjectData\GAL\101518_GAL-7-5.22\Design\Roadway\Sheets\101518_XS001.dgn Sheet 1/13/2021 9:00:58 AM KKLESKI

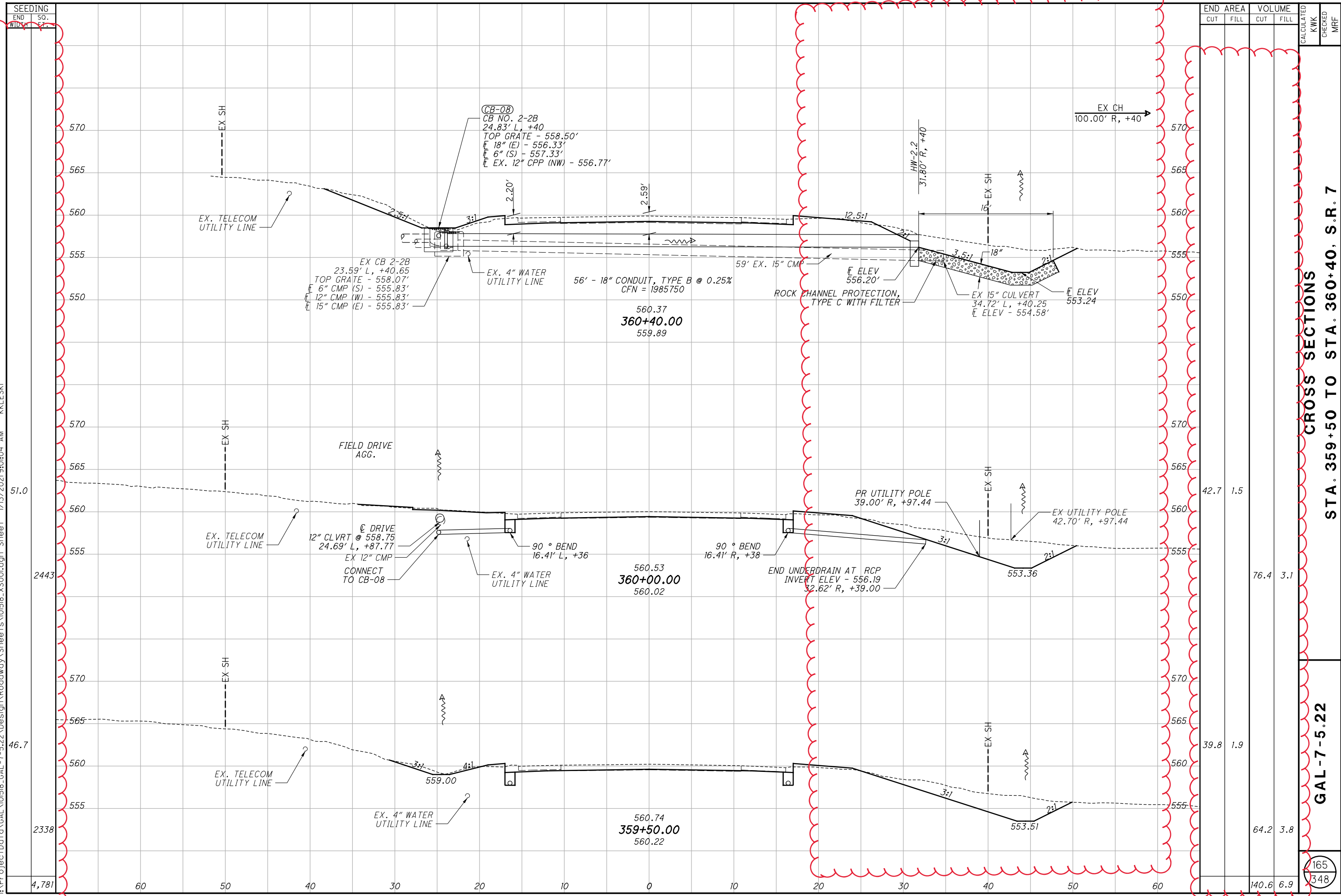
SEEDING
 END SO.
 WIDTH FT.
 46.8
 2318
 45.9
 2248
 44.0
 2258
 6,824



| END AREA | | VOLUME | | CALCULATED KWK | CHECKED MRF |
|----------|------|--------|------|-------------------|----------------|
| CUT | FILL | CUT | FILL | | |
| 29.5 | 2.2 | 52.5 | 4.4 | | |
| 27.2 | 2.6 | 47.6 | 4.2 | | |
| 24.2 | 1.9 | 59.9 | 2.1 | | |
| 160.0 | 10.7 | | | | |

CROSS SECTIONS
 STA. 358+00 TO STA. 359+00, S.R. 7
 GAL-7-5.22
 164
 348

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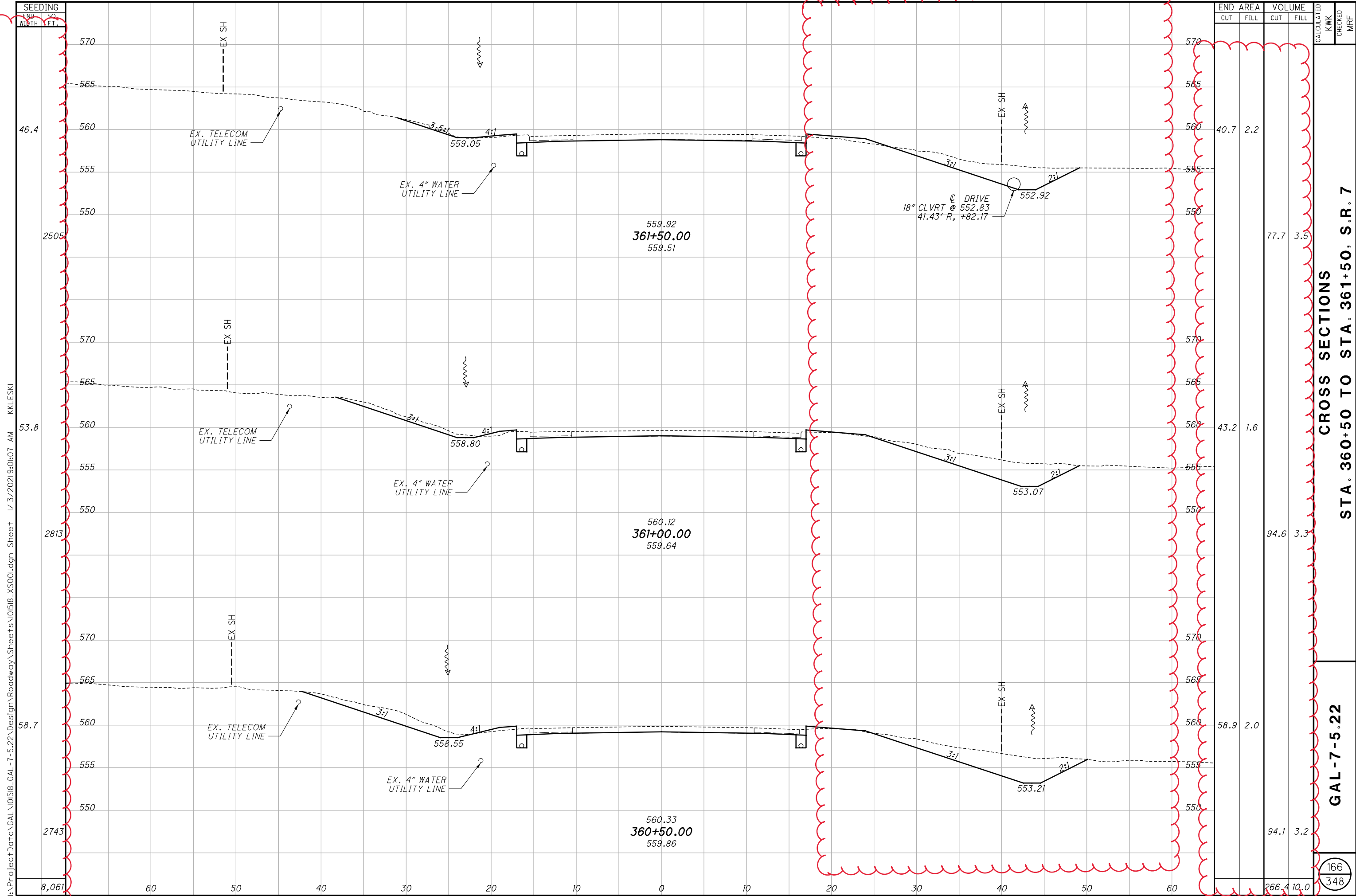
| SEEDING | |
|----------|---------|
| END WID. | SO. FT. |
| 4,781 | 60 |
| 2,338 | 50 |
| 2,443 | 40 |
| 51.0 | 30 |
| 570 | 20 |
| 570 | 10 |
| 570 | 0 |
| 570 | 10 |
| 570 | 20 |
| 570 | 30 |
| 570 | 40 |
| 570 | 50 |
| 570 | 60 |

| END AREA | | VOLUME | | CALCULATED KWK | CHECKED MRF |
|----------|------|--------|------|-------------------|----------------|
| CUT | FILL | CUT | FILL | | |
| | | | | | |
| 42.7 | 1.5 | | | | |
| 76.4 | 3.1 | | | | |
| 39.8 | 1.9 | | | | |
| 64.2 | 3.8 | | | | |
| 140.6 | 6.9 | | | | |

CROSS SECTIONS
STA. 359+50 TO STA. 360+40, S.R. 7

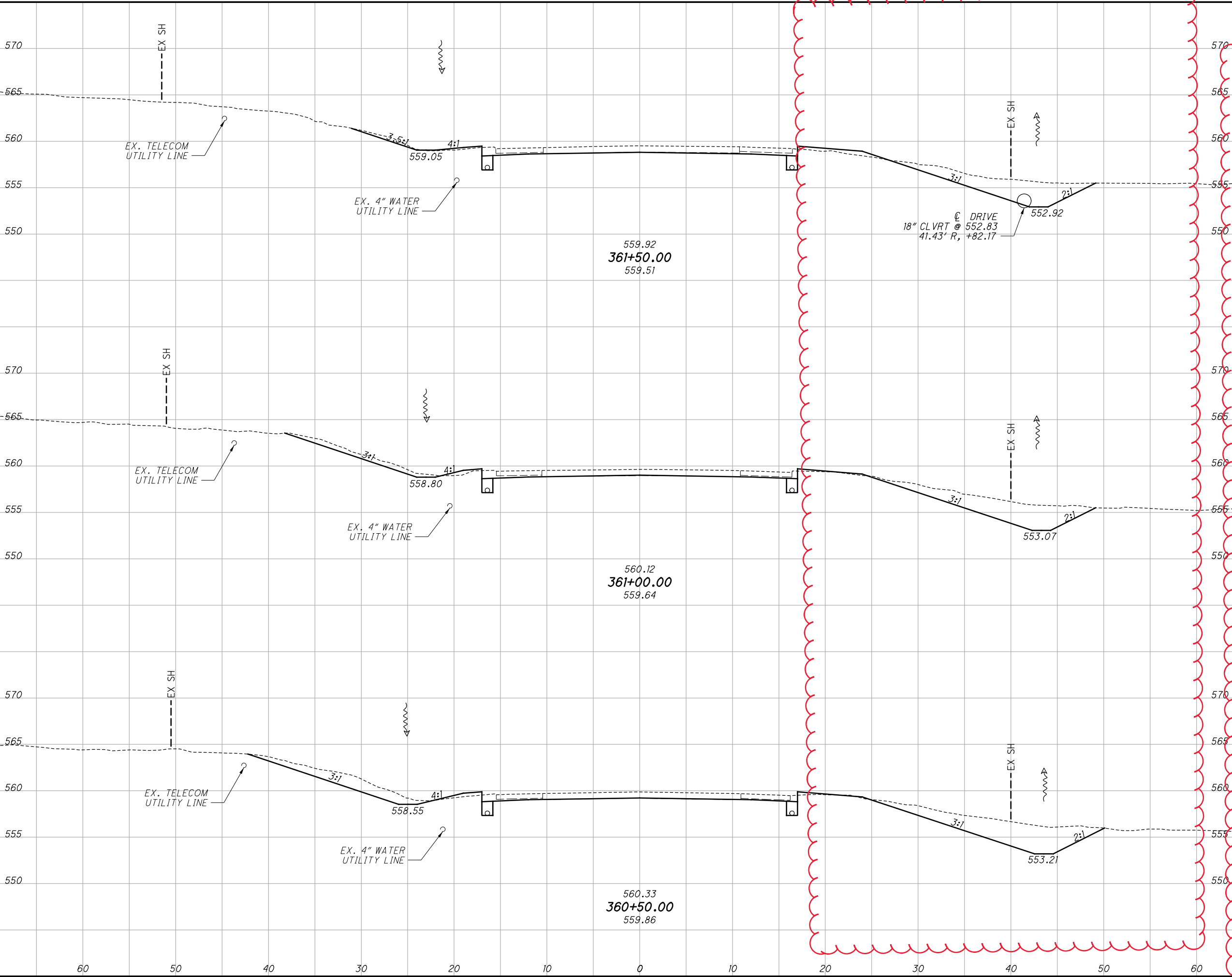
GAL-7-5.22

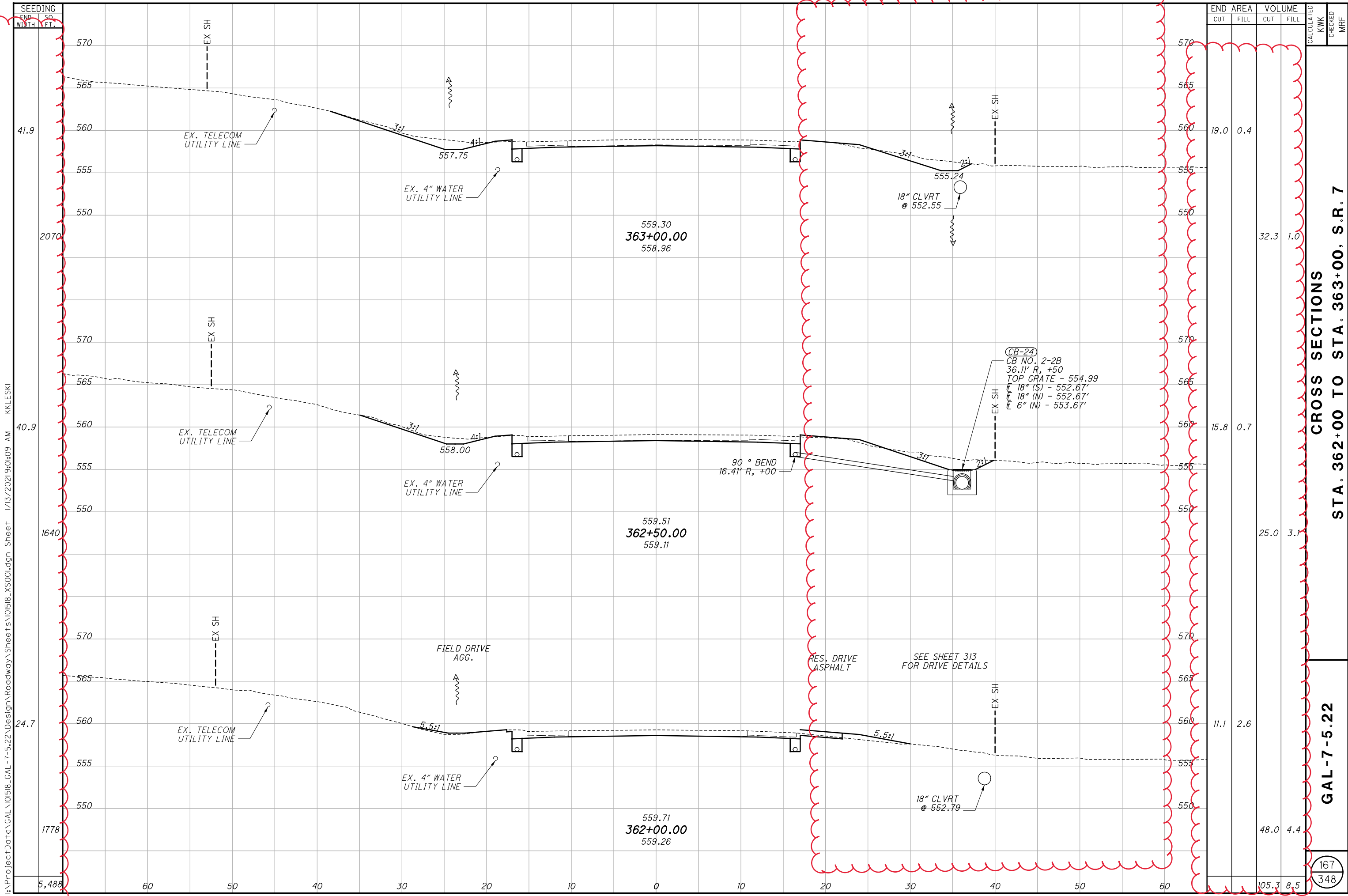
165
348



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| STATION | SO | END SO | END AREA | VOLUME | CALCULATED | CHECKED | MRF |
|----------------|-------------|-------------|-------------|------------|--------------|-------------|-----|
| | WIDTH | FT. | CUT | FILL | CUT | FILL | |
| 361+50.00 | 46.4 | 2505 | 40.7 | 2.2 | 77.7 | 3.5 | |
| 361+00.00 | 53.8 | 2813 | 43.2 | 1.6 | 94.6 | 3.3 | |
| 360+50.00 | 58.7 | 2743 | 58.9 | 2.0 | 94.1 | 3.2 | |
| Average | 52.6 | 2664 | 47.6 | 5.8 | 266.4 | 10.0 | |





| SEEDING | |
|---------|------|
| END SO | FT. |
| WIDTH | FT. |
| 41.9 | 2070 |
| 40.9 | 1640 |
| 24.7 | 1778 |
| 5.488 | |

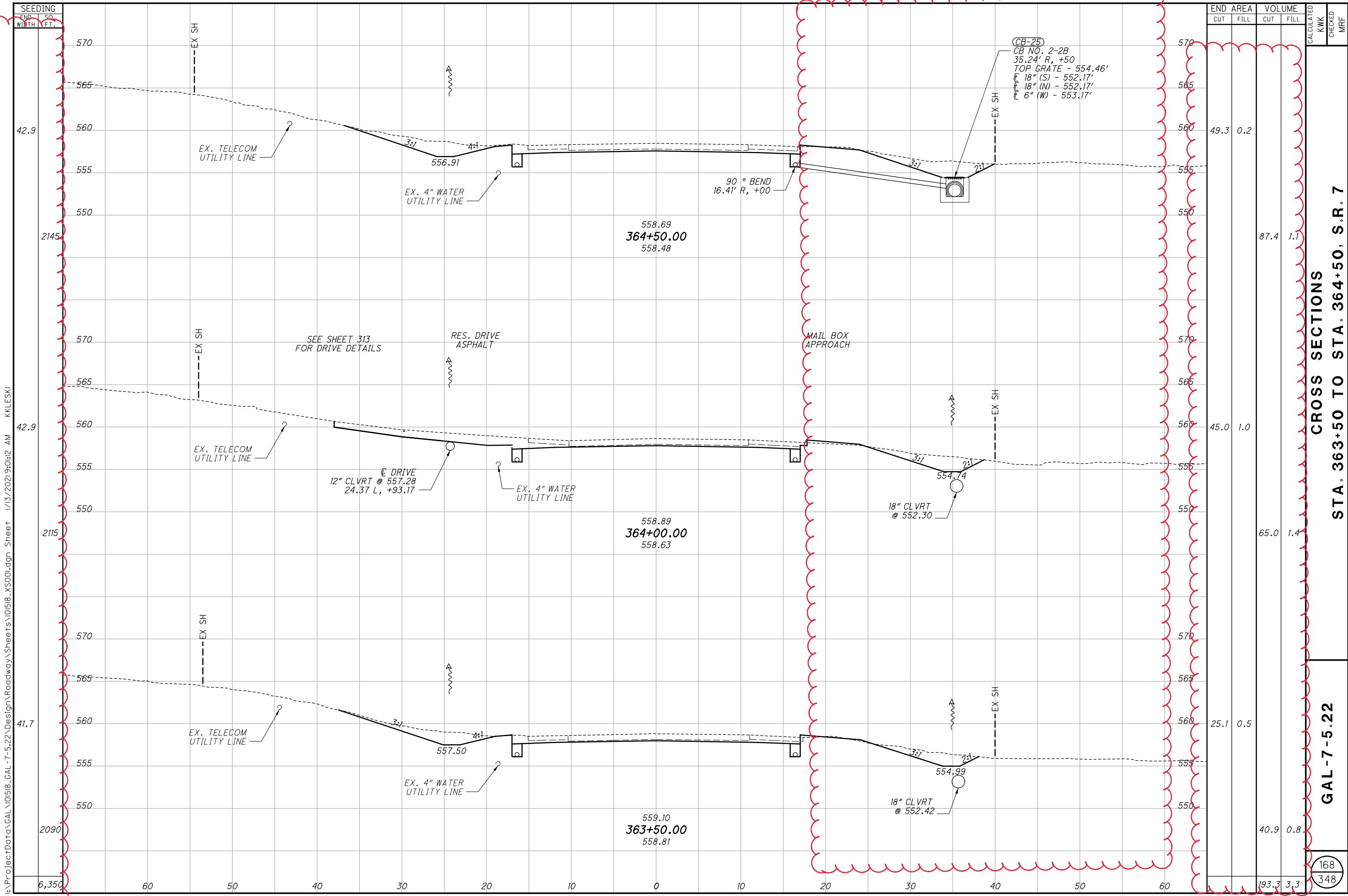
| END AREA | | VOLUME | | CALCULATED | CHECKED | MRF |
|----------|------|--------|------|------------|---------|-----|
| CUT | FILL | CUT | FILL | | | |
| 19.0 | 0.4 | 32.3 | 1.0 | | | |
| 15.8 | 0.7 | 25.0 | 3.1 | | | |
| 11.1 | 2.6 | 48.0 | 4.4 | | | |
| | | 105.3 | 8.5 | | | |

CROSS SECTIONS
STA. 362+00 TO STA. 363+00, S.R. 7

GAL-7-5.22

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 348

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| SEEDING | |
|---------|-------|
| END SO. | SO. |
| WIDTH | FT. |
| 42.9 | 42.9 |
| 2145 | 2145 |
| 42.9 | 42.9 |
| 2115 | 2115 |
| 41.7 | 41.7 |
| 2090 | 2090 |
| 6,350 | 6,350 |

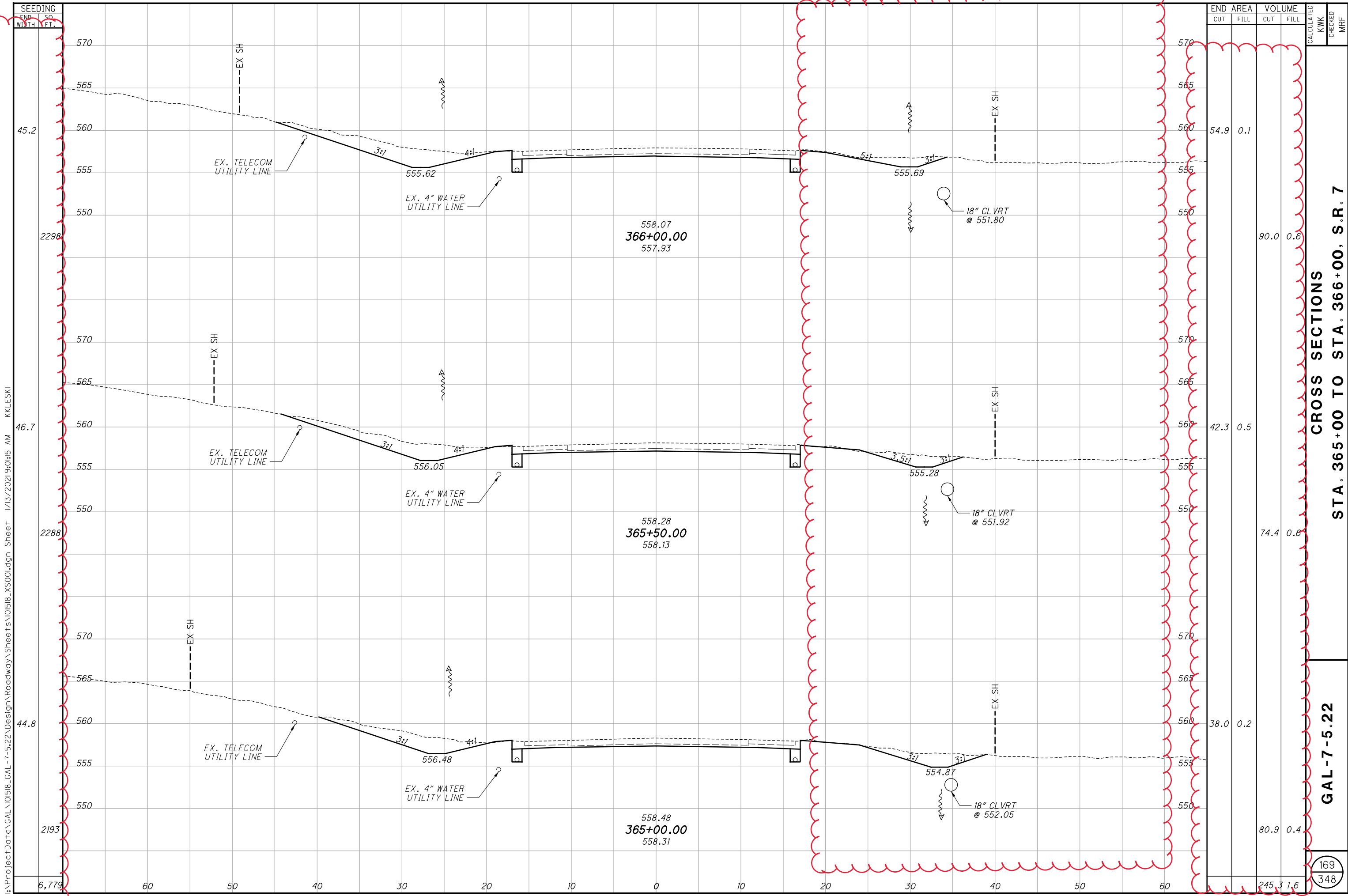
| END AREA | | VOLUME | | CALCULATED | CHECKED | MRF |
|----------|------|--------|------|------------|---------|-----|
| CUT | FILL | CUT | FILL | | | |
| 49.3 | 0.2 | 87.4 | 1.1 | | | |
| 45.0 | 1.0 | 65.0 | 1.4 | | | |
| 25.1 | 0.5 | 40.9 | 0.8 | | | |
| 193.3 | 3.3 | | | | | |

CROSS SECTIONS
STA. 363+50 TO STA. 364+50, S.R. 7

GAL-7-5.22

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I:\ProjectData\GAL\101518_GAL-7-5.22\Design\Roadway\Sheets\101518_XS001.dgn Sheet 1/13/2021 9:01:42 AM KKLESKI



| SEEDING | |
|---------|------|
| END SO | FT. |
| 45.2 | 2298 |
| 46.7 | 2288 |
| 44.8 | 2193 |
| 6.779 | |

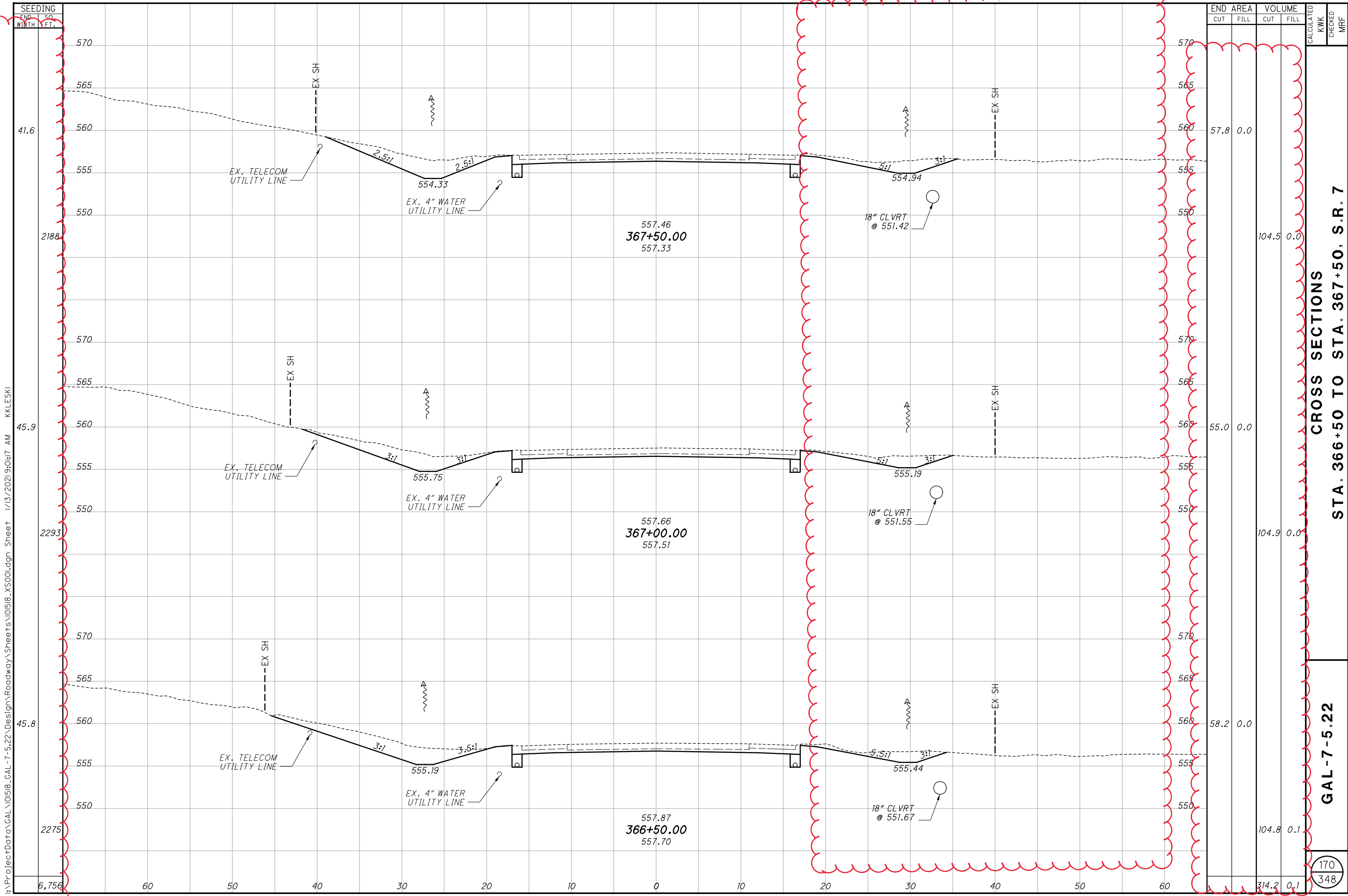
| END AREA | | VOLUME | | CALCULATED KWK | CHECKED MRF |
|----------|------|--------|------|-------------------|----------------|
| CUT | FILL | CUT | FILL | | |
| 54.9 | 0.1 | 90.0 | 0.6 | | |
| 42.3 | 0.5 | 74.4 | 0.8 | | |
| 38.0 | 0.2 | 80.9 | 0.4 | | |
| 245.3 | 1.6 | | | | |

CROSS SECTIONS
STA. 365+00 TO STA. 366+00, S.R. 7

GAL-7-5.22

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 348

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| SEEDING | |
|---------|------|
| END SO. | FT. |
| WIDTH | FT. |
| 41.6 | 2188 |
| 45.9 | 2293 |
| 45.8 | 2275 |
| 6.756 | |

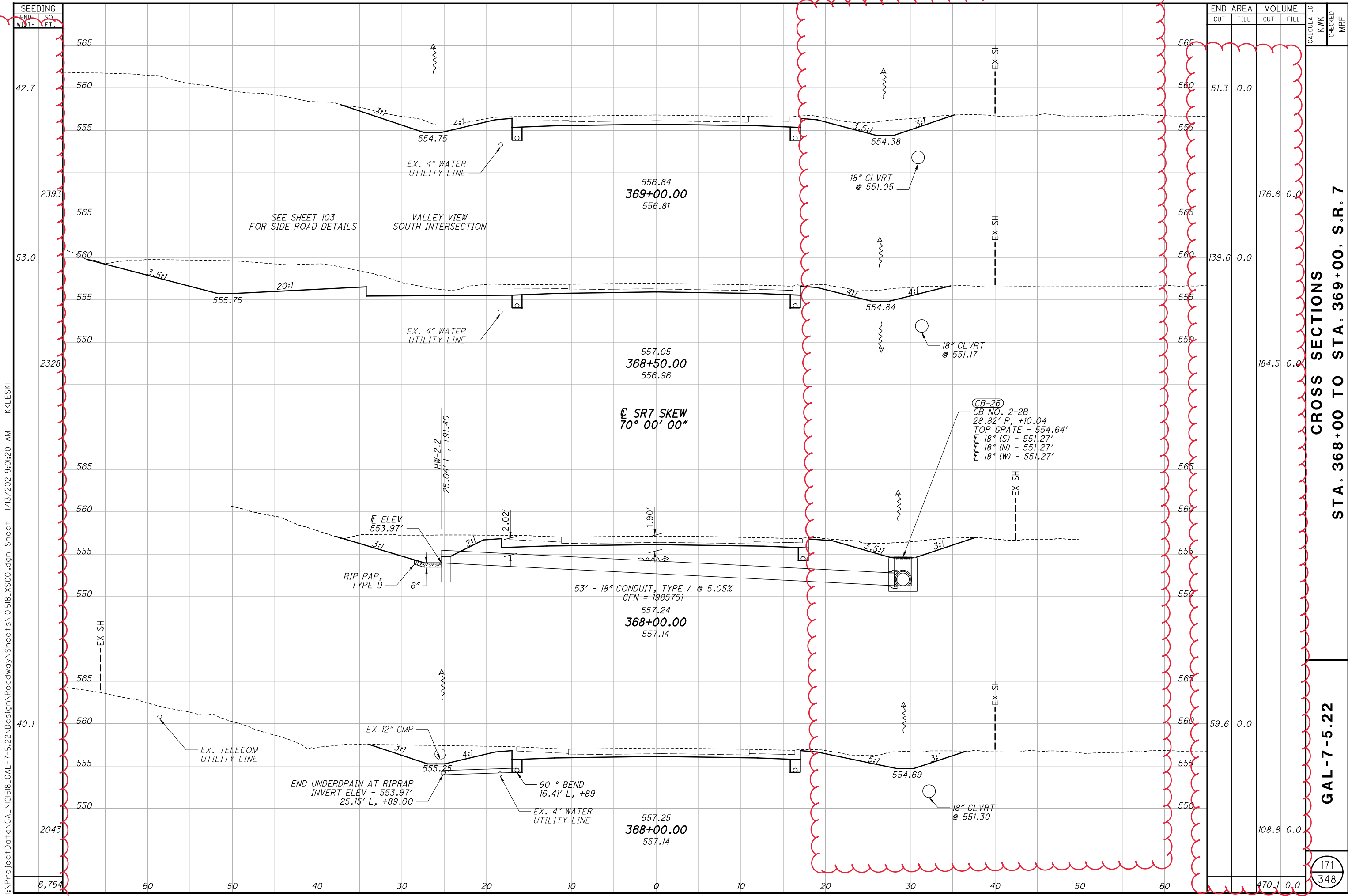
| END AREA | | VOLUME | | CALCULATED | CHECKED | MRF |
|----------|------|--------|------|------------|---------|-----|
| CUT | FILL | CUT | FILL | | | |
| 57.8 | 0.0 | 104.5 | 0.0 | | | |
| 55.0 | 0.0 | 104.9 | 0.0 | | | |
| 58.2 | 0.0 | 104.8 | 0.1 | | | |
| | | 314.2 | 0.1 | | | |

CROSS SECTIONS
STA. 366+50 TO STA. 367+50, S.R. 7

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 348

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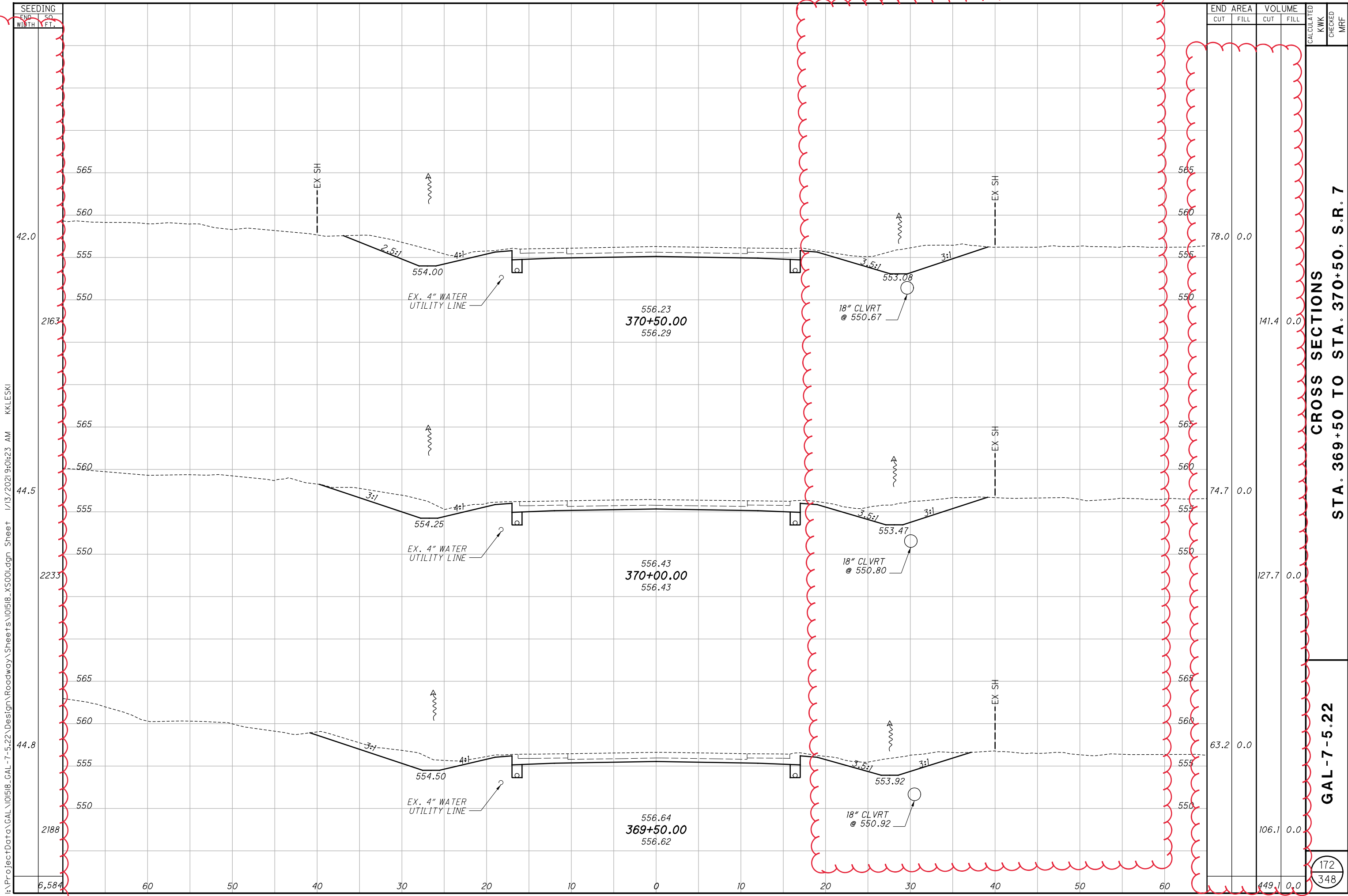
I:\ProjectData\GAL\101518_GAL-7-5.22\Design\Roadway\Sheets\101518_XS001.dgn Sheet 1/13/2021 9:01:20 AM KKLESKI

| STATION | END AREA | | VOLUME | | CALCULATED | CHECKED | MRF |
|-----------|----------|------|--------|------|------------|---------|-----|
| | CUT | FILL | CUT | FILL | | | |
| 369+00.00 | 51.3 | 0.0 | 176.8 | 0.0 | | | |
| 368+50.00 | 139.6 | 0.0 | 184.5 | 0.0 | | | |
| 368+00.00 | | | | | | | |
| 368+00.00 | 59.6 | 0.0 | 108.8 | 0.0 | | | |
| 368+00.00 | | | | | | | |
| 368+00.00 | 470.1 | 0.0 | | | | | |

CROSS SECTIONS
STA. 368+00 TO STA. 369+00, S.R. 7

GAL-7-5.22

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 348



| SEEDING | |
|---------|-----|
| END SO | FT. |
| WIDTH | |
| 42.0 | |
| 2163 | |
| 44.5 | |
| 2233 | |
| 44.8 | |
| 2188 | |
| 6,584 | |

| END AREA | | VOLUME | | CALCULATED | CHECKED | MRF |
|----------|------|--------|------|------------|---------|-----|
| CUT | FILL | CUT | FILL | | | |
| 78.0 | 0.0 | | | | | |
| 141.4 | 0.0 | | | | | |
| 74.7 | 0.0 | | | | | |
| 127.7 | 0.0 | | | | | |
| 63.2 | 0.0 | | | | | |
| 106.1 | 0.0 | | | | | |
| 449.1 | 0.0 | | | | | |

CROSS SECTIONS
STA. 369+50 TO STA. 370+50, S.R. 7

GAL-7-5.22

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348

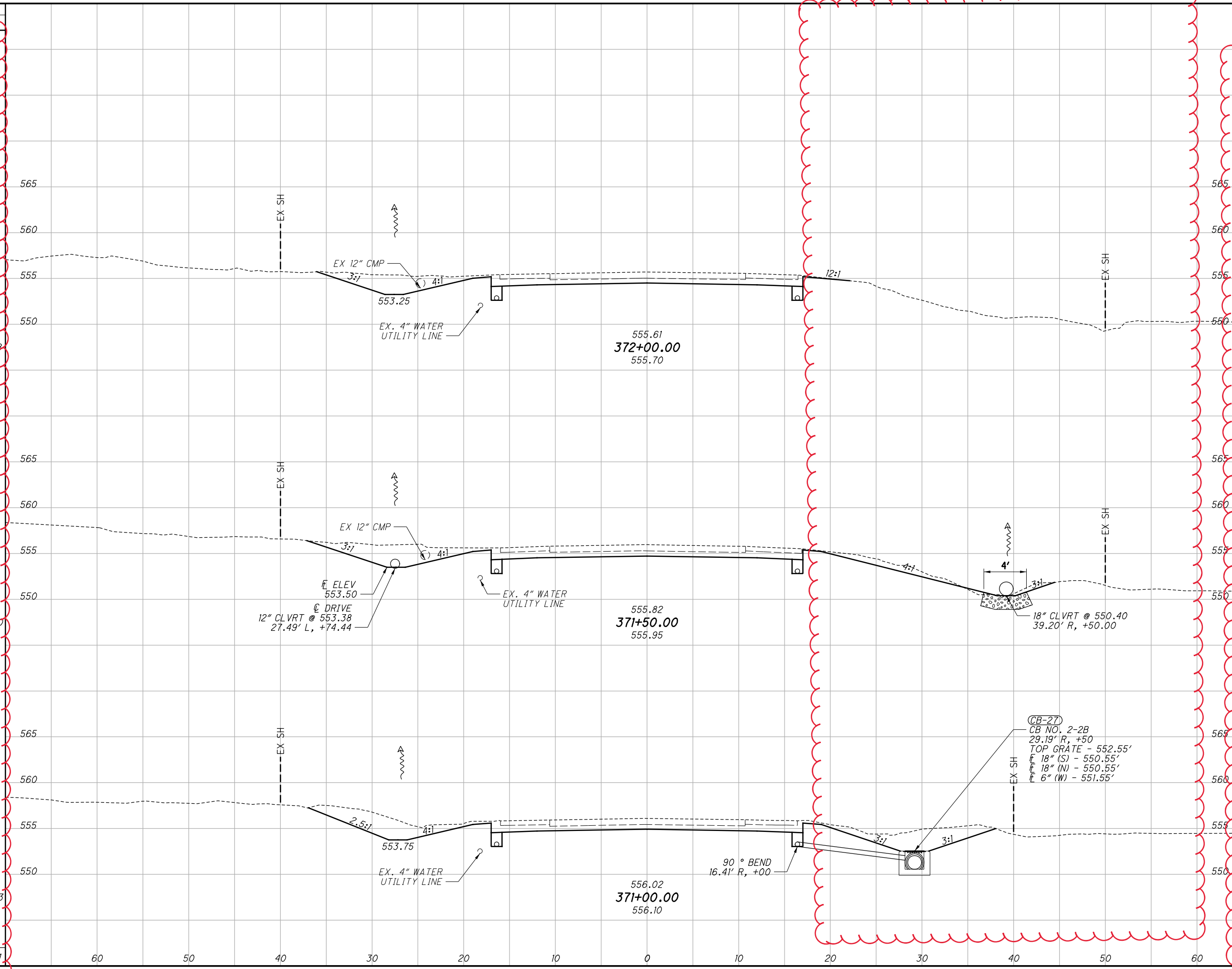
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SEEDING
 END SO
 WIDTH FT. FT.

24.8
 1798
 47.1
 2220
 41.7
 2093
 6,111

60 50 40 30 20 10 0 10 20 30 40 50 60

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| END AREA | | VOLUME | | CALCULATED KWK | CHECKED MRF |
|----------|------|--------|------|-------------------|----------------|
| CUT | FILL | CUT | FILL | | |
| 46.2 | 0.0 | 96.8 | 0.5 | | |
| 58.3 | 0.5 | 122.8 | 0.5 | | |
| 74.3 | 0.0 | 141.1 | 0.0 | | |
| | | 360.7 | 1.0 | | |

**CROSS SECTIONS
 STA. 371+00 TO STA. 372+00, S.R. 7**

GAL-7-5.22

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