VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION
2025

INDEX OF SHEETS:

1. COVER SHEET
2. GENERAL NOTES & QUANTITIES
3. WATER MAIN DETAILS
4. SITE DETAILS
5. MISCELLANEOUS DETAILS
6. SITE GRADING PLAN
7. BUILDING ELEVATIONS
8. BUILDING STRUCTURAL PLAN
9. BUILDING MECHANICAL PLAN
10. BUILDING MECHANICAL SECTIONS
11. BUILDING PLUMBING NOTES, LEGEND, & DETAILS
12. BUILDING ELECTRICAL PLAN & TYPICAL BUILDING DETAILS
13. BUILDING HVAC PLAN
14. BUILDING DETAILS
15. BUILDING SCHEDULES
16. PLAN & PROFILE INDEX SHEET
17. PLAN & PROFILE STA. 10+00 TO STA. 16+00
18. PLAN & PROFILE STA. 16+00 TO STA. 22+00
19. PLAN & PROFILE STA. 22+00 TO STA. 28+00
20. PLAN & PROFILE STA. 28+00 TO STA. 34+00
21. PLAN & PROFILE STA. 34+00 TO STA. 40+00
22. PLAN & PROFILE STA. 40+00 TO STA. 46+00
23. PLAN & PROFILE STA. 46+00 TO STA. 52+00
24. PLAN & PROFILE STA. 52+00 TO STA. 58+00
25. PLAN & PROFILE STA. 58+00 TO STA. 64+00
26. PLAN & PROFILE STA. 64+00 TO STA. 70+00
27. PLAN & PROFILE STA. 70+00 TO STA. 76+00
28. PLAN & PROFILE STA. 76+00 TO STA. 82+00
29. PLAN & PROFILE STA. 82+00 TO STA. 88+00
30. PLAN & PROFILE STA. 88+00 TO STA. 94+00
31. PLAN & PROFILE STA. 94+00 TO STA. 100+00
32. PLAN & PROFILE STA. 200+00 TO STA. 205+00
33. PLAN & PROFILE STA. 205+00 TO STA. 211+00
34. PROFILE STA. 300+00 TO STA. 305+00
35. EROSION CONTROL DETAILS

APPLICABLE HIGHWAY STANDARDS

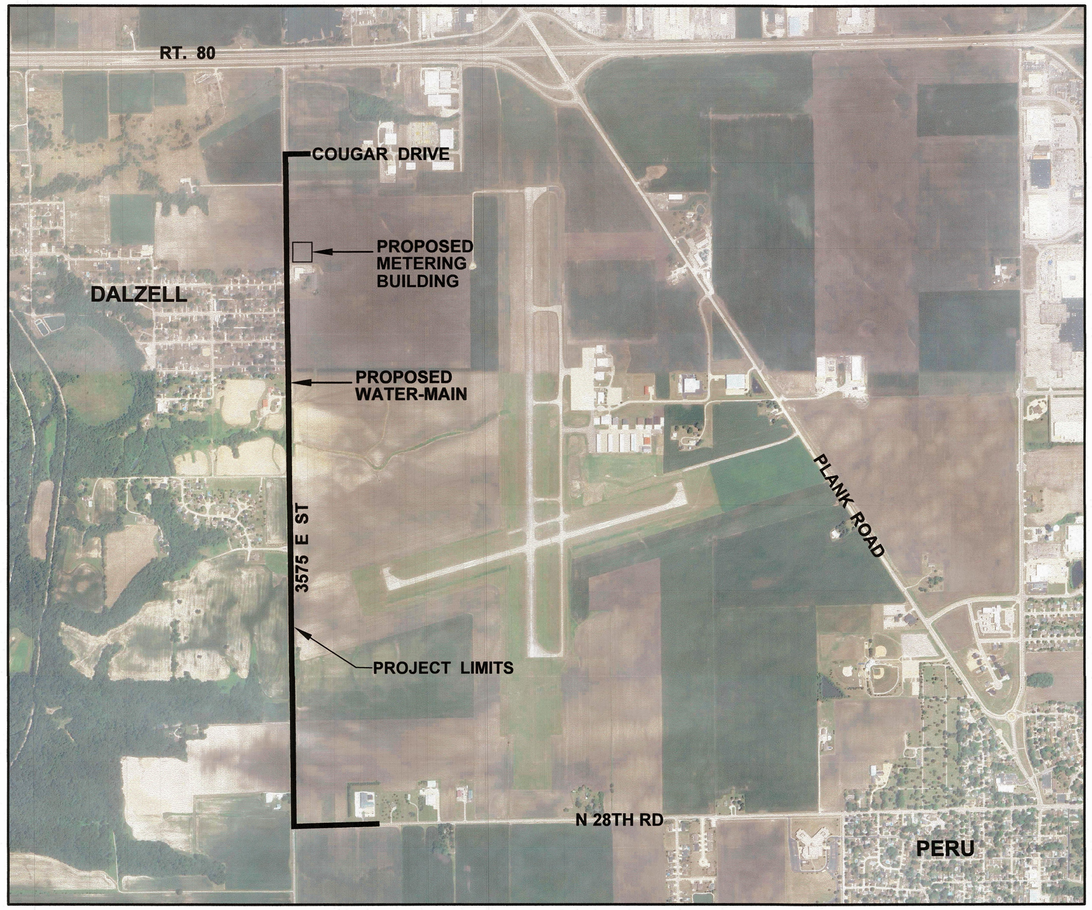
701901-10 – TRAFFIC CONTROL DEVICES

CITY OF PERU UTILITIES

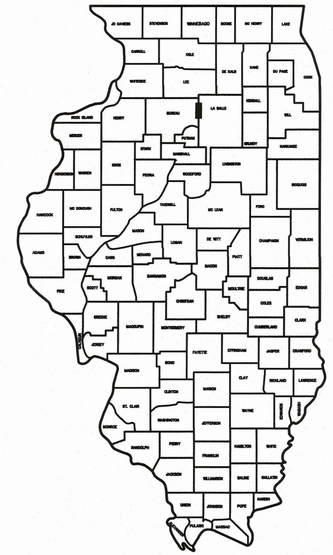
UTILITY SERVICE	CONTACT	TELEPHONE NO.
WATER	CITY OF PERU WATER DEPARTMENT	(815)-223-8615
ELECTRICAL POWER	CITY OF PERU ELECTRIC DEPARTMENT	(815)-223-0044
NATURAL GAS	J.U.L.I.E.	(800)-892-0123
TELEPHONE	J.U.L.I.E.	(800)-892-0123
CABLE	J.U.L.I.E.	(800)-892-0123
SANITARY SEWER	CITY OF PERU SEWER DEPARTMENT	(815)-223-2962
FIBER OPTIC	NIU/iFIBER JENNIFER DOLMAN	(630)-210-1367

VILLAGE OF DALZELL UTILITIES

UTILITY SERVICE	CONTACT	TELEPHONE NO.
WATER	VILLAGE OF DALZELL	---
ELECTRICAL POWER	COMED	(815)-490-2335
NATURAL GAS	NICOR	(630)-388-2362
TELEPHONE	CENTURY LINK	(309)-477-0363
CABLE	COMCAST	(630)-600-6352
SANITARY SEWER	VILLAGE OF DALZELL	---



LOCATION MAP



LOCATION OF SECTION INDICATED THUS: –■–

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VILLAGE OFFICIALS

MAYOR: GARY L. ORLANDI

VILLAGE CLERK: JYLL POZIE
TREASURER: THOMAS PASSINI
VILLAGE ATTORNEY: SHERYL CHURNEY

TRUSTEES:
TOM BENDER
KEVIN WILSMAN
LUKE SIMPSON
KEVIN BARKLEY
JESSICA SHAW
ROBERT GREENING

SURVEYOR / ENGINEER:

CHAMLIN & ASSOCIATES, INC.
4152 PROGRESS BLVD
PERU, IL. 61354
PHONE: (815) 223-3344
FAX: (815) 223-3348

CALL JULIE TOLL FREE 1-800-892-0123

12/3/25 date

LICENSED PROFESSIONAL ENGINEER ROSS T. BAKER 062-075313 OF ILLINOIS
expires 11-30-2025
signature
PROFESSIONAL DESIGN FIRM LICENSE NO. 184-001717

THIS PROJECT IS FUNDED WITH FEDERALLY SOURCE FUNDS AND IS SUBJECT TO THE BUILD AMERICA, BUY AMERICA (BABA) ACT. COMPLIANCE WITH THE ACT IS REQUIRED FOR ALL EQUIPMENT AND MATERIALS USED.

Chamlin & Associates

PERU MORRIS
OTTAWA
ILLINOIS

DRAWN BY: SCM
CHECKED BY: RTB
DATE: 07/2025

REVISIONS			
LEVEL	BY	DATE	DESCRIPTION

BIDDING PLANS

CURRENT AS OF: 12/03/2025
SCALE: AS NOTED
SHEET 1
FILE NO.: 99055.00Y-
OF 35

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Drawing Name: G:\Users\99055-00-Dalzell-Peru Water Connection\CAD\001-COVER.dwg Last Modified: Wednesday, December 3, 2025 10:57:18 AM Plotted On: Wednesday, December 3, 2025 11:02:54 AM by Jonathon Covert

GENERAL NOTES

THE CHAMLIN & ASSOCIATES "SPECIFICATIONS" SHALL GOVERN THE CONSTRUCTION OF THIS PROJECT.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE PLANS AND SPECIFICATIONS, VISIT THE WORK SITE, BE INFORMED OF THE WORK INVOLVED, BE INFORMED OF FEDERAL, STATE, AND LOCAL LAWS, LOCAL CODE REQUIREMENTS, ORDINANCES, RULES AND REGULATIONS, AND ANY OTHER ITEMS WHICH MAY AFFECT THE COST AND/OR TIME TO COMPLETE THE PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER SHOULD ANY DISCREPANCIES BE NOTICED BETWEEN THE PLANS, SPECIFICATIONS, OR WORKSITE.

THE LOCATION OF EXISTING UNDERGROUND OR OVERHEAD UTILITIES IF SHOWN ON THE PLANS IS FOR THE CONVENIENCE OF THE BIDDER ONLY. THE OWNER AND/OR ENGINEER ASSUMES NO RESPONSIBILITY WHATSOEVER WITH RESPECT TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH UTILITIES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER PROTECTION OF ALL EXISTING PUBLIC OR PRIVATE ROADWAYS, STRUCTURES, AND UTILITIES PRIOR TO THE START OF CONSTRUCTION AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO SAID ROADWAYS, STRUCTURES, AND UTILITIES. ANY ROADWAY, STRUCTURE, OR UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

ALL FIELD DRAINAGE TILE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER OR REROUTED TO A LOCATION DETERMINED BY THE ENGINEER.

WHEN SURVEY CONTROL POINTS ARE SET BY THE ENGINEER TO ESTABLISH THE HORIZONTAL AND VERTICAL CONTROL REQUIRED FOR THE CONSTRUCTION OF THE VARIOUS CONTRACT ITEMS OF WORK, THE ENGINEER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE CONTROL POINTS SET. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL MEASUREMENTS TAKEN OR DERIVED BY THE CONTRACTOR FROM CONTROL POINTS SET BY THE ENGINEER.

THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL CONTROL POINTS OR REFERENCE STAKES SET BY THE ENGINEER.

SHOULD THE CONTRACTOR DISTURB ANY CONTROL POINT OR REFERENCE STAKE WITHOUT THE PRIOR APPROVAL OF THE ENGINEER, THE ENGINEER MAY DEDUCT THE DIRECT ENGINEERING COST INCURRED IN THE RE-ESTABLISHMENT OF THE CONTROL POINT OR REFERENCE STAKE FROM COMPENSATION DUE THE CONTRACTOR.

WHEN THE OWNER EMPLOYS MULTIPLE CONTRACTORS, EACH CONTRACTOR SHALL CONDUCT HIS/HER WORK SO AS TO NOT INTERFERE WITH OR HINDER THE PROGRESS OR COMPLETION OF THE WORK BEING PERFORMED BY OTHER CONTRACTORS AND/OR UTILITY COMPANIES.

EACH CONTRACTOR SHALL ASSUME ALL LIABILITY, FINANCIAL OR OTHERWISE, IN CONNECTION WITH HIS/HER CONTRACT AND SHALL PROTECT AND HOLD HARMLESS THE OWNER AND ENGINEER FROM ANY AND ALL DAMAGES OR CLAIMS THAT MAY ARISE DUE TO INCONVENIENCE, DELAY, OR LOSS EXPERIENCED BY THE CONTRACTOR CAUSED BY THE PRESENCE AND OPERATION OF OTHER CONTRACTORS AND/OR UTILITY COMPANIES WORKING WITHIN THE LIMITS OF THE PROJECT.

SOIL EROSION AND SEDIMENT CONTROL SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND DETAILS CONTAINED WITHIN THE PLANS.

PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY VEHICULAR TRAFFIC FROM THE CONSTRUCTION SITE. ALL STREETS SHALL BE CLEANED DAILY OR AS NECESSARY TO KEEP CLEAN OF SEDIMENT AND DEBRIS CAUSED BY CONSTRUCTION ACTIVITIES. ADJACENT PROPERTIES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION BY USE OF AN ACCEPTABLE EROSION CONTROL PRACTICE SUCH AS VEGETATIVE BUFFER STRIPS OR SEDIMENT BARRIERS.

FOR CONSTRUCTION SITES WITH ONE (1) ACRE OR MORE OF DISTURBANCE, ALL CONTRACTORS AND SUB-CONTRACTORS WILL BE REQUIRED TO CERTIFY A STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE SWPPP, IF NECESSARY, AND ALL PERMITS PERTAINING TO SOIL AND EROSION CONTROL WILL BE PREPARED AND SUBMITTED BY THE OWNER/ENGINEER.

IT WILL BE THE CONTRACTOR/SUB-CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT AND FOLLOW THE SWPPP.

WHEN REQUESTED BY THE OWNER, THE ENGINEER SHALL PROVIDE CONSTRUCTION INSPECTION TO ASCERTAIN THE WORK IS IN SUBSTANTIAL CONFORMANCE WITH THE CONTRACT DOCUMENTS AND WITH THE DESIGN INTENT. THE ENGINEER'S UNDERTAKING SHALL NOT RELIEVE THE CONTRACTOR FROM THE CONTRACTOR'S OBLIGATION TO PERFORM WORK IN CONFORMITY WITH THE PLANS AND SPECIFICATIONS AND IN A WORKMANLIKE MANNER, SHALL NOT MAKE THE ENGINEER AN INSURER OF THE CONTRACTOR'S PERFORMANCE; AND SHALL NOT IMPOSE UPON THE ENGINEER ANY OBLIGATION TO ENSURE THAT THE WORK IS PERFORMED IN A SAFE MANNER. THE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR SAFETY FOR THIS PROJECT.

BEFORE ACCEPTANCE AND SUBSEQUENT FINAL PAYMENT, ALL WORK SHALL BE INSPECTED AND APPROVED BY THE OWNER OR HIS REPRESENTATIVE. FINAL PAYMENT SHALL BE MADE ONLY AFTER ALL OF THE CONTRACTOR'S WORK HAS BEEN APPROVED AND INSPECTED.

TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH APPLICABLE PORTIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022, THE PROJECT-SPECIFIC TRAFFIC CONTROL SPECIFICATIONS, AND THE LATEST EDITION OF THE "ILLINOIS MANUAL FOR UNIFORM TRAFFIC CONTROL FOR STREETS AND HIGHWAYS". THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR USE OF APPROPRIATE ILLINOIS DEPARTMENT OF TRANSPORTATION HIGHWAY STANDARDS PERTAINING TO TRAFFIC CONTROL FOR THE ENTIRE DURATION OF THE PROJECT AND SOLELY LIABLE FOR ANY ACCIDENTS, WHICH MAY OCCUR DUE TO INADEQUATE TRAFFIC CONTROL. SIGNAGE, ARROW BOARDS, MAINTENANCE, FLAGGERS, BARRICADES AND INSPECTION SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR TRAFFIC CONTROL.

THE ILLINOIS DEPARTMENT OF TRANSPORTATION HIGHWAY STANDARDS NOTED ON THE COVER SHEET WILL BE CONSIDERED A PART OF THE PLANS AND WILL APPLY TO THE WORK DESCRIBED HEREIN. COPIES OF THE APPLICABLE HIGHWAY STANDARDS ARE APPENDED TO THE SPECIFICATIONS FOR THE CONVENIENCE OF THE BIDDER.

SAW CUTTING FOR THIS PROJECT WILL BE INCIDENTAL IN ALL CASES. THIS SHALL INCLUDE FULL DEPTH SAW CUTTING ALONG ALL EDGES FOR REMOVAL OF PAVEMENTS, CURB, COMBINATION CURB & GUTTER, ETC. IT SHALL ALSO INCLUDE SUBSEQUENT SAW CUTTING TO PROVIDE CLEAN EDGES FOR PAVING WORK AND SCORING OF CONCRETE PAVEMENTS AND CURBS AS REQUIRED FOR CONTROL JOINTS. WHERE SAW CUTS ARE INDICATED ON THE DRAWINGS OR DETAILS, SPECIFICATIONS, OR NOTES, THESE SAW CUTS ARE MANDATORY. FAILURE TO MAKE THE REQUIRED SAW CUTS WILL ENTITLE OWNER TO MAKE A DEDUCTION EQUAL TO $5 PER LINEAR FOOT MEASURED ALONG THE LENGTH OF THE REQUIRED SAW CUT THAT WAS NOT PERFORMED. THIS DEDUCTION WILL BE MADE FROM THE FINAL AMOUNT DUE TO CONTRACTOR.

FOR THE SAKE OF SAFETY, TRAFFIC CONTROL, AND STREET INTEGRITY, THE OWNER AND ENGINEER WILL HAVE FINAL SAY ON TRUCKING ROUTES DURING THE CONSTRUCTION OF THE PROJECT. THE CONTRACTOR SHALL LIMIT TRUCKING MOVEMENTS TO THOSE AREAS SPECIFIED BY THE OWNER AND ENGINEER AS THE WORK PROGRESSES THROUGHOUT THE JOB.

SHEET PILES REQUIRED TO MAINTAIN TRENCH SIDES AND PROTECT STRUCTURES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF ILLINOIS AND SHALL BE INCIDENTAL TO THE CONTRACT.

DEWATERING OF THE EXCAVATION DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCIDENTAL TO THE CONTRACT.

WHERE EXISTING UTILITY POLES ARE LOCATED IN CLOSE PROXIMITY TO EXCAVATION WORK, IT SHALL BE CONTRACTOR'S RESPONSIBILITY TO MAKE ARRANGEMENTS WITH THE OWNER OF THE POLE TO EITHER BRACE OR RELOCATE THE POLE PRIOR TO EXCAVATION WORK PROCEEDING NEAR THE POLE.

ALL WORK AND MATERIALS REQUIRED FOR COMPLETE, FUNCTIONAL CONSTRUCTION OF THE METERING BUILDING THAT IS NOT EXPLICITLY QUANTIFIED IN THE SUMMARY OF QUANTITIES SHALL BE CONSIDERED INCIDENTAL TO THE "METERING BUILDING" PAY ITEM. THE BUILDING AND ALL ASSOCIATED APPURTENANCES AND DETAILS SHALL BE CONSTRUCTED PER THE REQUIREMENTS WITHIN THE CONSTRUCTION PLANS AND SPECIFICATIONS.

THE CITY OF PERU WILL PROVIDE THE ELECTRICAL SERVICES TO BE CONNECTED TO THE BUILDING EQUIPMENT SHOWN ON SHEET 12. THE CONTRACTOR SHALL PROVIDE THE METER SOCKET, ATS, AND OTHER NECESSARY EQUIPMENT FOR THE CITY OF PERU TO THEN CONNECT TO.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL GRADING AND SEEDING OF ALL DISTURBED AREAS IN ACCORDANCE WITH THE SPECIFICATIONS. ANY REMOVAL OF VEGETATION OR TREES NECESSARY FOR CONSTRUCTION SHALL BE CONSIDERED INCIDENTAL AT THE CONTRACTOR'S EXPENSE

SUMMARY OF QUANTITIES

No.	Item	Unit	Quantity
1	DITCH CHECK	EACH	58
2	SILT FENCE	LF	9026
3	PVC WM, 12" (HDD)	LF	87
4	PVC WM, 8"	LF	106
5	PVC WM, 10"	LF	255
6	PVC WM, 12"	LF	9146
7	TEE, 12" X 8"	EACH	2
8	TEE, 12" X 12"	EACH	2
9	FIRE HYDRANT, 6" (COMPLETE)	EACH	12
10	VALVE & BOX, 8"	EACH	2
11	VALVE & BOX, 10"	EACH	1
12	VALVE & BOX, 12"	EACH	20
13	90 DEG. BEND, 10"	EACH	2
14	22.5 DEG. BEND, 12"	EACH	2
15	45 DEG. BEND, 12"	EACH	18 (2)
16	CAP, 10"	EACH	1
17	CAP, 12"	EACH	2
18	TRENCH REPAIR, AGRICULTURAL	LF	6176 (2)
19	TRENCH REPAIR, GRASS	LF	2822
20	TRENCH REPAIR, CLASS D PATCH	LF	943
21	TRENCH REPAIR, CONCRETE	LF	5
22	SANITARY SERVICE CLEANOUT, 6" COMPLETE	EACH	3
23	SANITARY SERVICE, PVC, 6"	LF	422
24	DRIVEWAY PAVEMENT	SY	975
25	CONNECT TO EXISTING WATER MAIN, COMPLETE	EACH	2
26	REDUCER, 10" X 8"	EACH	1
27	WATER SERVICE, 2", COMPLETE	EACH	1
28	TRAFFIC CONTROL	LS	1
29	CMP CULVERT, 15"	LF	35
30	CMP FES, 15"	EACH	2
31	FIELD ENTRANCE, COMPLETE	EACH	1
32	EROSION CONTROL	LS	1
33	METERING BUILDING	LS	1
34	RCP CULVERT, 15"	LF	33
35	RCP FES, 15"	EACH	2
36	EXISTING FIELD ENTRANCE DEMOLITION	LS	1
37	STABILIZED CONSTRUCTION ENTRANCE	EACH	1

WATER MAIN SCHEDULE

LOCATION	HORIZONTAL DIRECTIONAL DRILL, PVC WATER MAIN, 12"	WATER MAIN, 8"	WATER MAIN, 10"	WATER MAIN, 12"	TEE, 12"x8"	TEE, 12"x12"	FIRE HYDRANT, 6", COMPLETE	VALVE AND BOX, 8"	VALVE AND BOX, 10"	VALVE AND BOX, 12"	90° BEND, 10"	22° BEND, 12"	45° BEND, 12"	CAP, 10"	CAP, 12"	CONNECT TO EXISTING WATER MAIN	REDUCER, 10"x8"
	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
STA 10+00 - 16+00	87	0	0	514	0	1	1	0	0	3	0	0	2	0	1	0	0
STA 16+00 - 22+00	0	0	0	600	0	0	1	0	0	1	0	0	0	0	0	0	0
STA 22+00 - 28+00	0	0	0	600	0	0	1	0	0	1	0	0	0	0	0	0	0
STA 28+00 - 34+00	0	0	0	600	0	0	0	0	0	0	0	0	0	0	0	0	0
STA 34+00 - 40+00	0	0	0	600	0	0	1	0	0	1	0	0	0	0	0	0	0
STA 40+00 - 46+00	0	0	0	600	0	0	1	0	0	1	0	0	0	0	0	0	0
STA 46+00 - 52+00	0	0	0	600	0	0	1	0	0	1	0	0	0	0	0	0	0
STA 52+00 - 58+00	0	0	0	600	0	0	1	0	0	1	0	0	2	0	0	0	0
STA 58+00 - 64+00	0	0	0	600	0	0	0	0	0	0	0	0	4	0	0	0	0
STA 64+00 - 70+00	0	0	0	610	0	1	1	0	0	3	0	0	2	0	1	0	0
STA 70+00 - 76+00	0	0	0	600	0	0	1	0	0	1	0	0	0	0	0	0	0
STA 76+00 - 82+00	0	0	77	600	0	0	1	0	0	1	1	0	4	1	0	0	0
STA 82+00 - 88+00	0	106	178	600	2	0	1	2	1	3	1	0	2	0	0	0	1
STA 88+00 - 94+00	0	0	0	600	0	0	1	0	0	1	0	0	0	0	0	0	0
STA 94+00 - 100+00	0	0	0	205	0	0	0	0	0	1	0	2	0	0	0	1	0
STA 200+00 - 205+00	0	0	0	500	0	0	0	0	0	1	0	0	0	0	0	0	0
STA 205+00 - 211+00	0	0	0	117	0	0	0	0	0	0	0	0	(2)	0	0	1	0
TOTAL	87	106	255	9146	2	2	12	2	1	20	2	2	(18)	1	2	2	1

(2)

LEGEND

	SECTION LINE		EXISTING WATER SERVICE SHUT OFF
	EASEMENT LINE		PROPOSED MANHOLE
	PROPOSED STORM SEWER		EXISTING MANHOLE
W	EXISTING WATER MAIN		PROPOSED FIRE HYDRANT
W	PROPOSED WATER MAIN		PROPOSED WATER SHUT OFF VALVE
	RIGHT OF WAY LINE		EXISTING FIRE HYDRANT
x	FENCE LINE		EXISTING WATER SHUT OFF VALVE
	CENTER LINE		PROPOSED INLET OR CATCH BASIN
F	FIBER OPTIC	E	EXISTING ELECTRICAL TRANSFORMER
E	ELECTRIC CABLE	TV	EXISTING TV PEDESTAL
	CULVERT		EXISTING UTILITY POLE
	CROP LINE		EXISTING R.O.W. MARKER
	TOP OF SLOPE	E	EXISTING ELECTRICAL TRANSFORMER
	TOE OF SLOPE	AGG.	AGGREGATE SURFACE
S	PROPOSED SILT FENCE	CONC.	CONCRETE SURFACE
	RIPRAP		GUY WIRE
	TRENCH REPAIR, GRASS	GR	GAS REGULATOR
	TRENCH REPAIR, AGRICULTURE	● OR ○	EXISTING PROPERTY MARKER
	TRENCH REPAIR, CLASS D PATCH	15"	TREE WITH DIAMETER SIZE
	TRENCH REPAIR, CONCRETE		MAILBOX
			STREET SIGN
			DITCH CHECK

BENCHMARKS:

BM 400 RAILROAD SPIKE IN POWER POLE FACING SOUTH AT THE NORTHWEST CORNER OF BLAKELY ESTATES DR. AND COUNTY RD. 3575 E. ELEV.= 649.35

BM 401 RAILROAD SPIKE IN POWER POLE FACING EAST AT THE SOUTHWEST CORNER OF RICHARDS ST. AND COUNTY RD. 3575 E. ELEV.= 649.83

BM 402 RAILROAD SPIKE IN POWER POLE FACING NORTHEAST AT THE SOUTHWEST CORNER OF LUCE ST. AND COUNTY RD. 3575 E. ELEV.= 652.47

BM 404 CHISELED "□" ON HEADWALL ON THE EAST SIDE OF COUNTY RD. 3575 E. AND BETWEEN COUNTY RD. 1400 N. AND RICHARDS ST. ELEV.= 626.87

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Drawing Name: C:\Users\VS\99055-00-Dalzell-Peru Water Connection\CAD\002-GEN NOTES & QUANTITIES.dwg Last Modified: Wednesday, January 14, 2026 9:31:50 AM Plotted On: Wednesday, January 14, 2026 9:33:55 AM by Debbie Story

DRAWN BY: SCM	REVISIONS				
CHECKED BY: RTB	LEVEL	BY	DATE	DESCRIPTION	
DATE: 07/2025	2	NV	01/13/26	ADDENDUM 2	

Chamlin & Associates

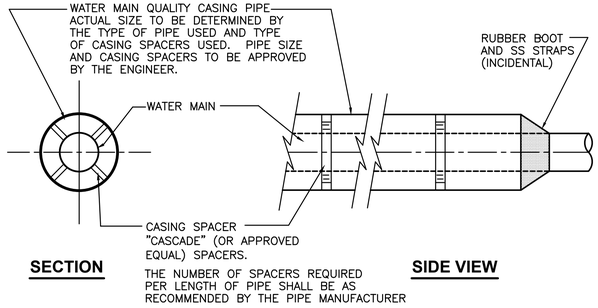
PERU MORRIS OTTAWA ILLINOIS

VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

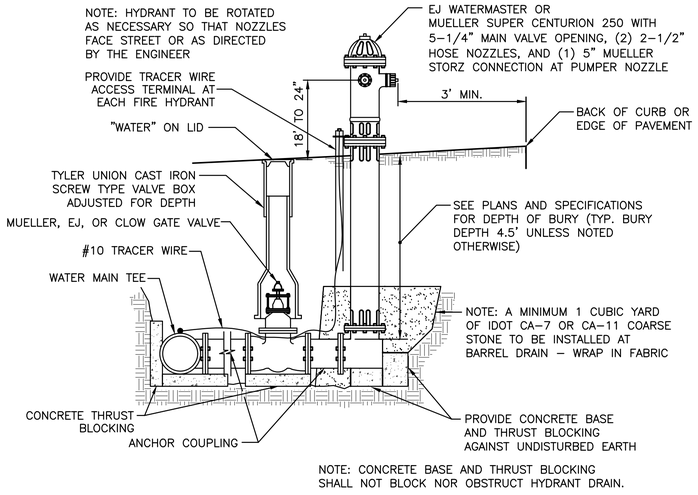
GENERAL NOTES & QUANTITIES

BIDDING PLANS

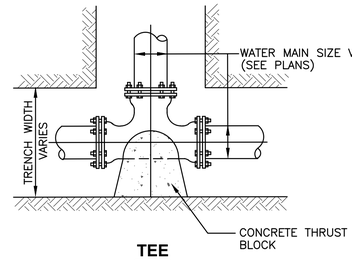
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SCALE: AS NOTED | SHEET 2
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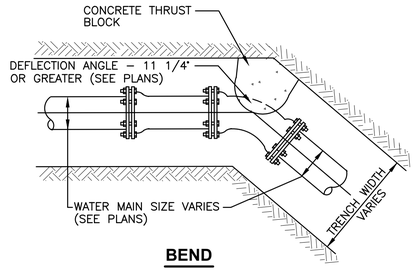
CASING DETAIL
NOT TO SCALE



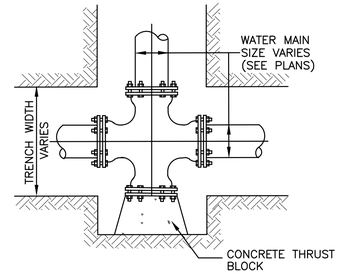
FIRE HYDRANT, COMPLETE
NOT TO SCALE



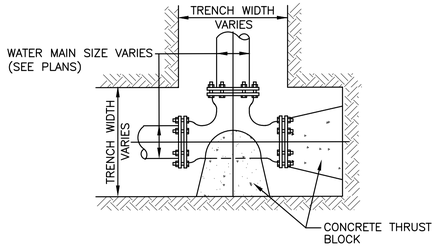
TEE



BEND

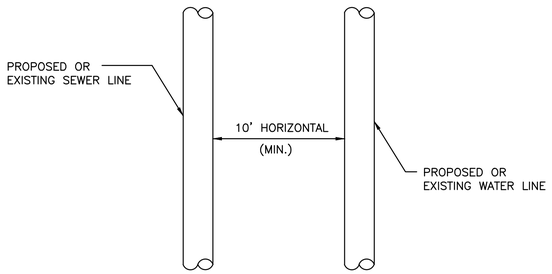


CROSS & PLUG



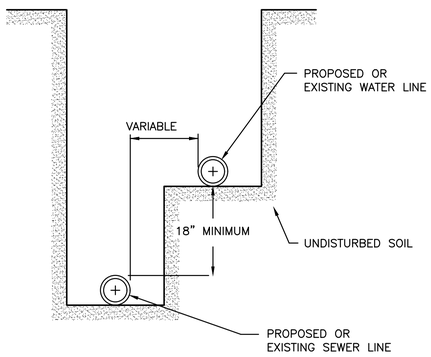
TEE & PLUG

WHEN PROPOSED SEWER (OR WATER) IS LOCATED 10 FEET OR MORE FROM EXISTING WATER (OR SEWER), NO SPECIAL CONSTRUCTION REQUIRED. SEE SECTION 41-2.01A (1)



PLAN VIEW

WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 10 FEET FROM EXISTING WATER (OR SEWER), DETAILS BELOW SHALL APPLY. SEE SECTION 41-2.01A (2)



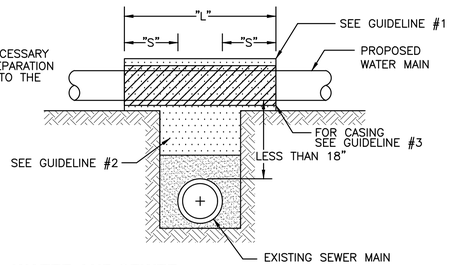
WATER AND SEWER SEPARATION REQUIREMENTS
NOT TO SCALE

GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.
4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN CASING AND SEWER.

NOTE

"S" EQUALS THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE.



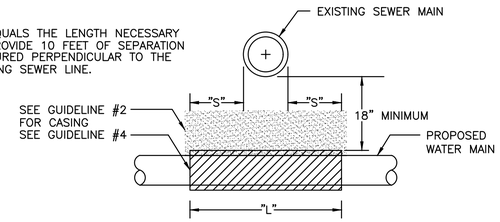
WATER AND SEWER SEPARATION DETAIL
NOT TO SCALE

GUIDELINES

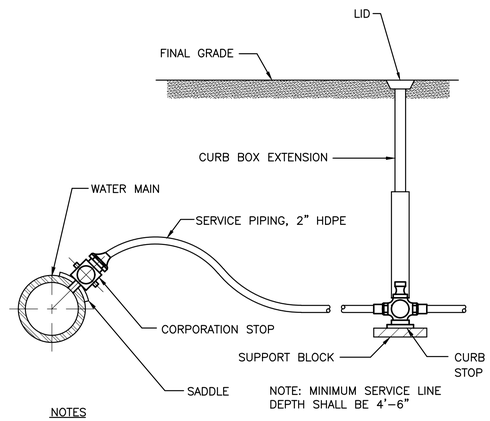
1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
4. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.

NOTE

"S" EQUALS THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE.



WATER AND SEWER SEPARATION DETAIL
NOT TO SCALE



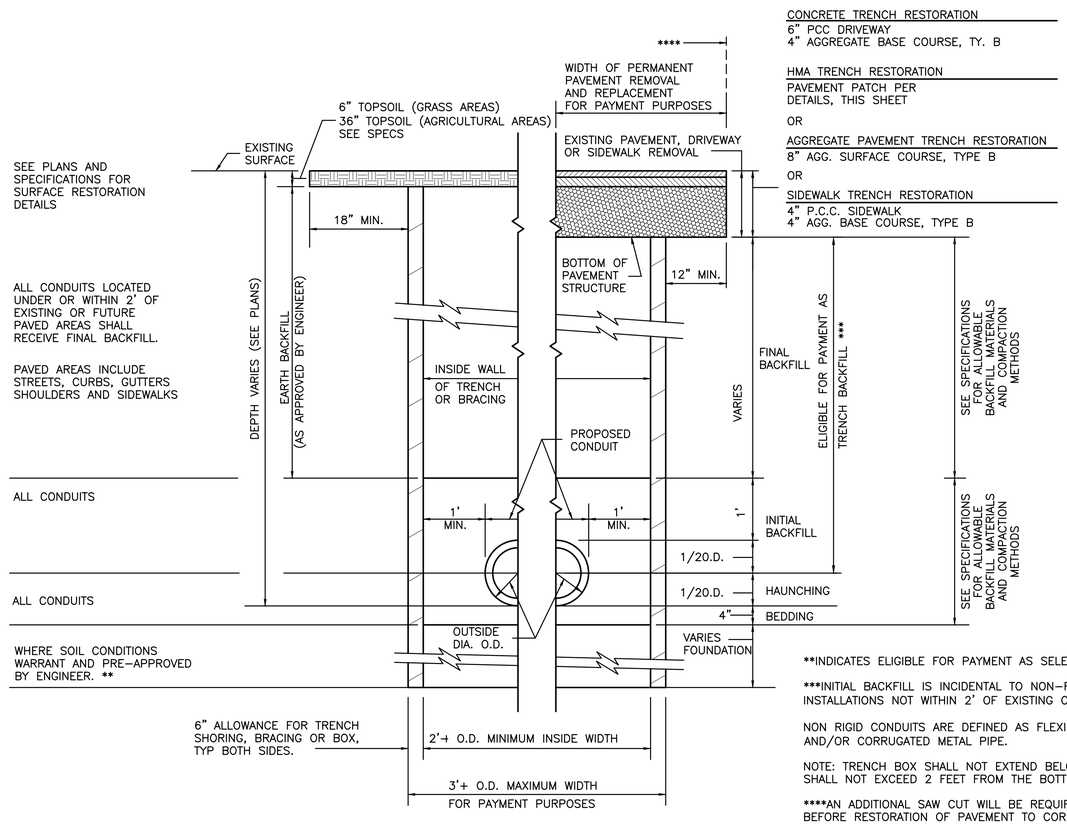
NOTES

1. SUPPLY AND INSTALL SADDLE, CORPORATION STOP, AND SERVICE PIPE.
2. TYPICALLY, PUSH PIPE UNDER ROADWAY AND SIDEWALKS. IF OPEN CUT, SERVICE PIPE COST SHALL INCLUDE THIS REPAIR.
3. EXCAVATE FOR WATER SERVICE ONLY AFTER APPROVAL BY ENGINEER.
4. ANY MISCELLANEOUS FITTINGS REQUIRED TO CONNECT TO EXISTING SERVICE ARE INCIDENTAL.

WATER SERVICE, COMPLETE
NOT TO SCALE

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Drawing Name: C:\Users\RTB\99055-00-Dalzell-Peru Water Connection\CAD\003-WATER MAIN DETAILS.dwg Last Modified: Wednesday, December 3, 2025 8:37:20 AM Plotted On: Wednesday, December 3, 2025 11:20:47 AM by Jonathon Covert

DRAWN BY: SCM	REVISIONS			PERU MORRIS OTTAWA ILLINOIS	VILLAGE OF DALZELL DALZELL - PERU WATER CONNECTION	WATER MAIN DETAILS	BIDDING PLANS	CURRENT AS OF: 12/03/2025	
CHECKED BY: RTB	LEVEL	BY	DATE	DESCRIPTION				SCALE: AS NOTED	SHEET 3
DATE: 07/2025								FILE NO.: 99055.00 Y-	OF 35



TYPICAL TRENCH DETAIL
NOT TO SCALE

**INDICATES ELIGIBLE FOR PAYMENT AS SELECT FOUNDATION MATERIAL

***INITIAL BACKFILL IS INCIDENTAL TO NON-RIGID CONDUIT INSTALLATION FOR INSTALLATIONS NOT WITHIN 2' OF EXISTING OR PROPOSED PAVED AREAS.

NON RIGID CONDUITS ARE DEFINED AS FLEXIBLE THERMOPLASTIC PIPE (PVC) AND/OR CORRUGATED METAL PIPE.

NOTE: TRENCH BOX SHALL NOT EXTEND BELOW TOP OF PIPE, HOWEVER IT SHALL NOT EXCEED 2 FEET FROM THE BOTTOM OF THE TRENCH.

****AN ADDITIONAL SAW CUT WILL BE REQUIRED FOLLOWING TRENCHING AND BEFORE RESTORATION OF PAVEMENT TO CORRECT ANY DAMAGE DURING TRENCHING FOLLOWING THE INITIAL SAW CUT. ALL SAW CUTTING IS CONSIDERED INCIDENTAL TO CONDUIT INSTALLATION OR RESTORATION PAY ITEMS. INITIAL SAW CUT PRIOR TO TRENCHING AND ADDITIONAL SAW CUT PRIOR TO RESTORATION SHALL BE CONSIDERED MANDATORY FOR THIS PROJECT. SAW CUTS SHALL BE MADE FULL DEPTH OF PAVEMENT STRUCTURE.

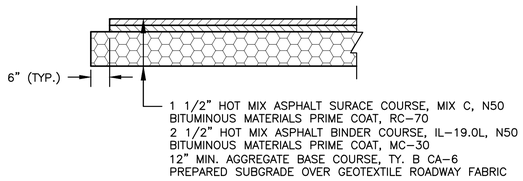
NOTES TO TYPICAL TRENCH DETAIL

BEDDING AND HAUNCHING ARE INCIDENTAL TO CONDUIT INSTALLATION.

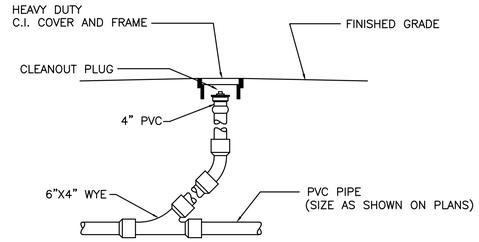
TRENCH BACKFILL WILL BE PAID FOR ON A LINEAR FOOT BASIS. THE VERTICAL DIMENSION FOR PAYMENT WILL BE AS SHOWN ON THE TYPICAL TRENCH DETAIL ABOVE. THE MAXIMUM WIDTH FOR PAYMENT OF TRENCH BACKFILL WILL BE 3' PLUS PIPE OUTSIDE DIAMETER WHEN THE DEPTH OF TRENCH FROM EXISTING SURFACE TO BOTTOM OF BEDDING IS GREATER THAN 5'. THE MAXIMUM WIDTH FOR PAYMENT OF TRENCH BACKFILL WILL BE 2' PLUS PIPE OUTSIDE DIAMETER WHEN THE DEPTH OF TRENCH FROM EXISTING SURFACE TO BOTTOM OF BEDDING IS LESS THAN OR EQUAL TO 5'. TRENCH BACKFILL UP TO 3" BEYOND THE OUTSIDE WALL OF A MANHOLE, INLET, OR OTHER STRUCTURE WILL BE CONSIDERED INCIDENTAL TO THE COST OF THE STRUCTURE. THEREFORE, THE MAXIMUM LENGTH OF TRENCH BACKFILL ELIGIBLE FOR PAYMENT FOR A PIPE INSTALLATION BETWEEN 2 STRUCTURES WILL BE THE DISTANCE BETWEEN OUTSIDE WALLS OF THE STRUCTURES MEASURED ALONG THE CONDUIT MINUS SIX INCHES. NO PAYMENT WILL BE MADE FOR TRENCH BACKFILL INSTALLED OUTSIDE THE MAXIMUM LENGTHS, WIDTHS, AND DEPTHS DESCRIBED ABOVE. THE INABILITY OF THE CONTRACTOR'S TRENCH SHORING, BRACING, OR BOX TO STABILIZE THE SIDES OF THE TRENCH WILL NOT BE GROUNDS FOR PAYMENT OF ADDITIONAL QUANTITY OF TRENCH BACKFILL.

THE WIDTH OF PERMANENT PAVEMENT REMOVAL AND REPLACEMENT SHOWN IN THE ABOVE TYPICAL TRENCH DETAIL WILL APPLY TO CURB AND GUTTER, SIDEWALK, AGGREGATE BASE COURSE, DRIVEWAY PAVEMENT, AND HMA BASE COURSE. THE NOTED WIDTH IS THE MAXIMUM WIDTH THAT WILL BE CONSIDERED FOR PAYMENT. SHOULD THE CONTRACTOR DAMAGE CURB AND GUTTER, SIDEWALK, DRIVEWAY PAVEMENT, OR ROADWAY PAVEMENT BEYOND THE MAXIMUM WIDTH SHOWN, THE CONTRACTOR SHALL EXTEND THE REMOVAL AND REPLACEMENT WIDTH AS REQUIRED BY THE ENGINEER, BUT NO MORE THAN 12" WIDER THAN THE DAMAGED WIDTH, AT NO ADDITIONAL COST TO THE OWNER. FOR MANHOLES, INLETS, AND OTHER STRUCTURES, THE MAXIMUM AREA OF PAVEMENT REMOVAL AND REPLACEMENT FOR PAYMENT PURPOSES SHALL BE A SQUARE OF SIDE LENGTH 4' GREATER THAN THE OUTSIDE DIAMETER OF A ROUND STRUCTURE, OR FOR RECTANGULAR STRUCTURES, A RECTANGLE WITH SIDE LENGTHS 4' GREATER THAN THE SIDE LENGTHS OF THE STRUCTURE OUTSIDE PERIMETER.

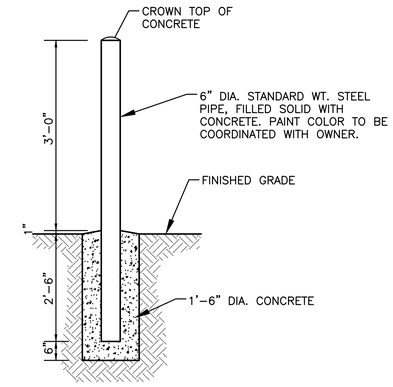
THE PLAN QUANTITIES FOR AGGREGATE BASE COURSE INCLUDE 4" OF AGGREGATE BASE BELOW CURBS, SIDEWALKS, AND DRIVEWAYS.



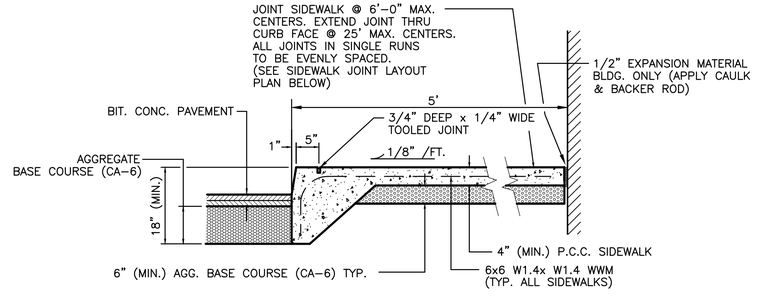
HOT MIX ASPHALT TYPICAL SECTION
NOT TO SCALE



SANITARY SEWER CLEANOUT, COMPLETE
NOT TO SCALE



PIPE BOLLARD DETAIL
NOT TO SCALE



PAVEMENT, COMBINATION SIDEWALK AND CURB DETAIL
N.T.S.

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Drawing Name: C:\Users\SVC99055-SCD-Dalzell-Peru Water Connection\CAD\004-SITE DETAILS.dwg Last Modified: Wednesday, December 3, 2025 9:50:23 AM Plotted On: Wednesday, December 3, 2025 9:50:23 AM by Jonathon Covert

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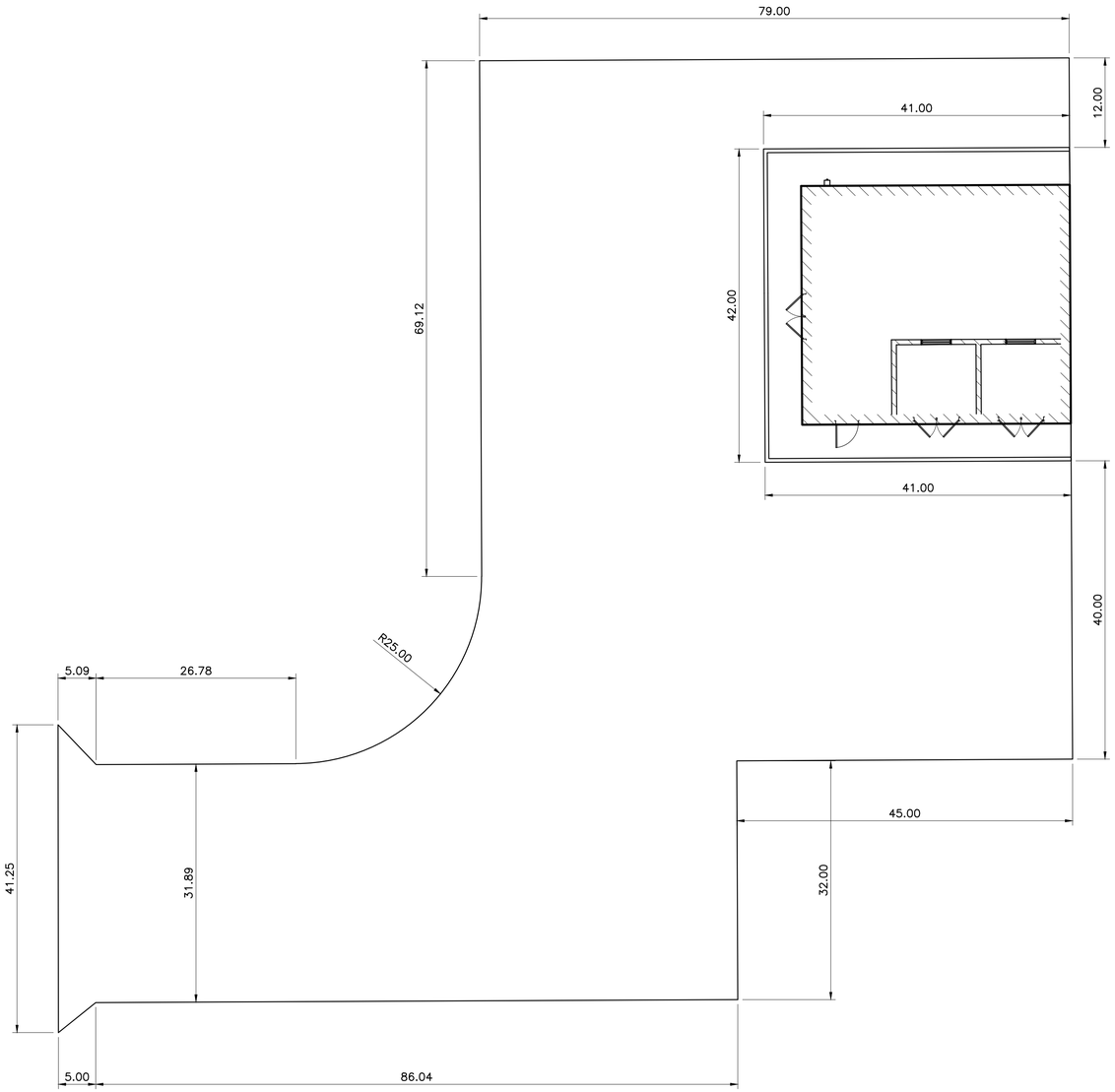
PERU MORRIS
OTTAWA
ILLINOIS

VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

SITE DETAILS

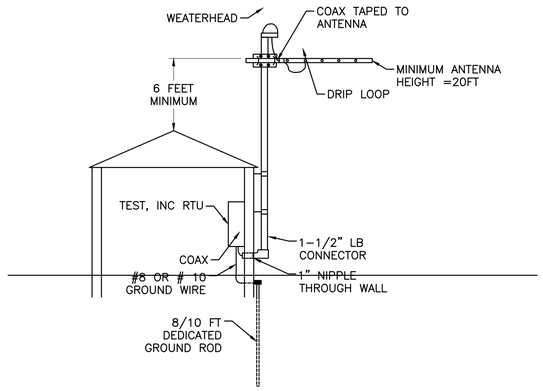
BIDDING PLANS

CURRENT AS OF: 12/03/2025
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SHEET 4
FILE NO.:99055.00 Y-
OF 35



PARKING LOT DIMENSIONAL LAYOUT PLAN
N.T.S.

TYPICAL MOUNTING OF INDOOR RTU
RTU IN BUILDING WITH ANTENNA ON BUILDING



1. MOUNT RTU.
2. PROVIDE 10' GROUND ROD AT LOCATION OUTSIDE NEAR RTU AND WIRE TO ANTENNA COAX LIGHTNING ARRESTOR WITH 8/10 GAUGE COPPER WIRE.
3. RUN 1" CONDUIT NIPPLE THROUGH WALL TO LB CONDUIT FITTING THEN 1 1/2" CONDUIT UP SIDE OF BUILDING AS AN ANTENNA MAST AND TERMINATE WITH A WEATERHEAD.
4. INSTALL ANTENNA ON CONDUIT MAST, RUN COAX TO RTU ENCLOSURE THROUGH CONDUIT.
5. RUN 1" CONDUIT TO EXISTING CONTROL PANEL FOR AC POWER, PUMP RUNS (& CALLS), LOW SUCTIONS, HIGH DISCHARGE, ETC.
6. FLOW MONITORING SIGNALS, PRESSURE TRANSDUCER SIGNALS OR ANY OTHER DC SIGNALS REQUIRE SEPARATE CONDUIT SEPARATED FROM AC SIGNALS.
7. NO CONDUIT CONNECTIONS SHALL BE MADE IN THE TOP OF THE ENCLOSURE.

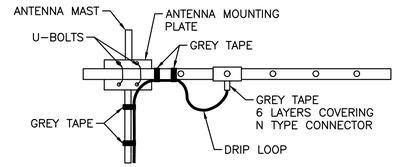
THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THESE DETAILS OR ANY OTHER DETAILS PROVIDED. ANY ADDITIONAL WORK REQUIRED THAT HAS NOT BEEN CAUSED OR REQUESTED BY THE OWNER OR ENGINEER SHALL NOT BE CONSIDERED FOR PAYMENT AS PART OF THE CONTRACT

ANTENNA INSTALLATION
GENERAL

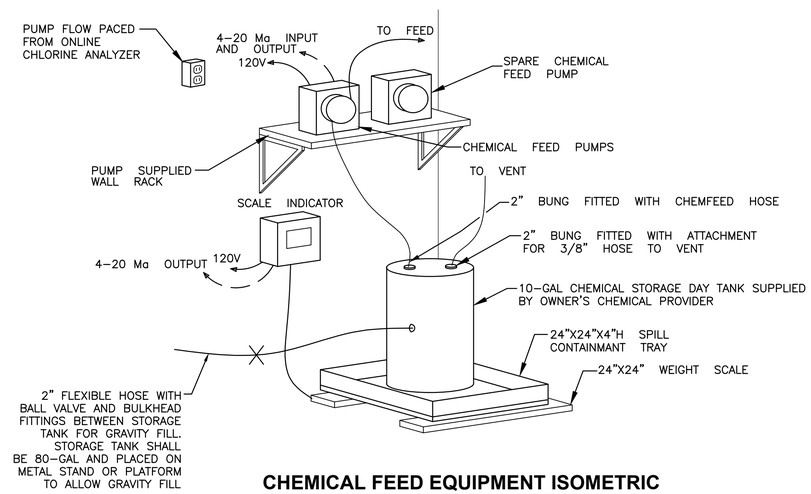
THE ANTENNA IS A VERY CRITICAL LINK IN RADIO TELEMETRY. CORRECT INSTALLATION IS A MUST FOR PROPER RADIO COMMUNICATIONS. THE INSTALLER/CONTRACTOR OF THE EQUIPMENT MUST FOLLOW THE REQUIREMENTS SET BY TEST, INC. IF THESE REQUIREMENTS ARE NOT MET THEN THE INSTALLER/CONTRACTOR MUST REDO THE INSTALLATION AT THEIR EXPENSE.

THE MINIMUM ANTENNA HEIGHT SHALL BE FIFTY FEET (50 FT), FOR STANDPIPES, GROUND STORAGE, AND ELEVATED TANKS. CENTRAL TERMINAL UNITS LOCATED AT PLANTS AND OFFICES, SHALL HAVE A MINIMUM HEIGHT OF FORTY-FIVE FEET (45 FT). ALL OTHER REMOTES SHALL HAVE A MINIMUM ANTENNA HEIGHT OF TWENTY FEET (20 FT). USE THESE HEIGHTS UNLESS OTHERWISE SPECIFIED. TEST, INC. SUPPLIES MOUNTING BRACKETS, U-BOLTS, COAX, CONNECTORS, AND TAPE FOR PROPER INSTALLATION. ATTACHING THE COAX CONNECTOR IS VERY CRITICAL, REQUIRING THE INSTALLER TO CONTACT TEST, INC. FOR PROPER CONNECTION INSTRUCTIONS. A TYPICAL PROCEDURE THAT WORKS WELL AT TEST, INC. IS FOR THE INSTALLER TO COMPLETE THE REMOTE INSTALLATION, WITH THE EXCEPTION OF THE ANTENNA AND COAX. DURING START-UP OF THE REMOTE, TEST, INC. WILL ATTACH THE COAX TO THE ANTENNA (INCLUDING PROPER TAPING), THEN ALLOW THE INSTALLER TO FINISH MOUNTING THE ANTENNA. THE INSTALLER MAY MAKE ANTENNA CONNECTIONS IF PREVIOUS ARRANGEMENTS HAVE BEEN MADE WITH TEST, INC. ANTENNA POLARIZATION (VERTICAL OR HORIZONTAL) WILL BE SPECIFIED ON A JOB-BY-JOB BASIS (IF IT IS NOT SPECIFICALLY STATED, USE HORIZONTAL POLARIZATION). SPECIFIC INFORMATION ON INSTALLATION IS COVERED ON PAGES 19, 20, 21 OF THIS MANUAL.

SIDE VIEW OF ANTENNA



NOTE: THE ANTENNA CONNECTOR SHALL HAVE SIX LAYERS OF ELECTRICAL TAPE COVERING THE COAX CONNECTOR. ALL OTHER POINTS HAVE SIX LAYERS OF ELECTRICAL TAPE (ALL TAPE IS PROVIDED BY TEST, INC.). COAX SHOULD BE APED EVERY 3' TO THE MOUNTING STRUCTURE.



CHEMICAL FEED EQUIPMENT ISOMETRIC
SODIUM HYPOCHLORITE (12.5%)

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Drawing Name: C:\Users\rtb\99055-20-Dalzell-Peru Water Connection\CAD\005-MISC DETAILS.dwg Last Modified: Wednesday, December 3, 2025 9:52:34 AM Plotted On: Wednesday, December 3, 2025 11:25:05 AM by Jonathon Covert

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CHECKED BY: RTB	LEVEL	BY	DATE	DESCRIPTION
DATE: 07/2025				

Chamlin & Associates

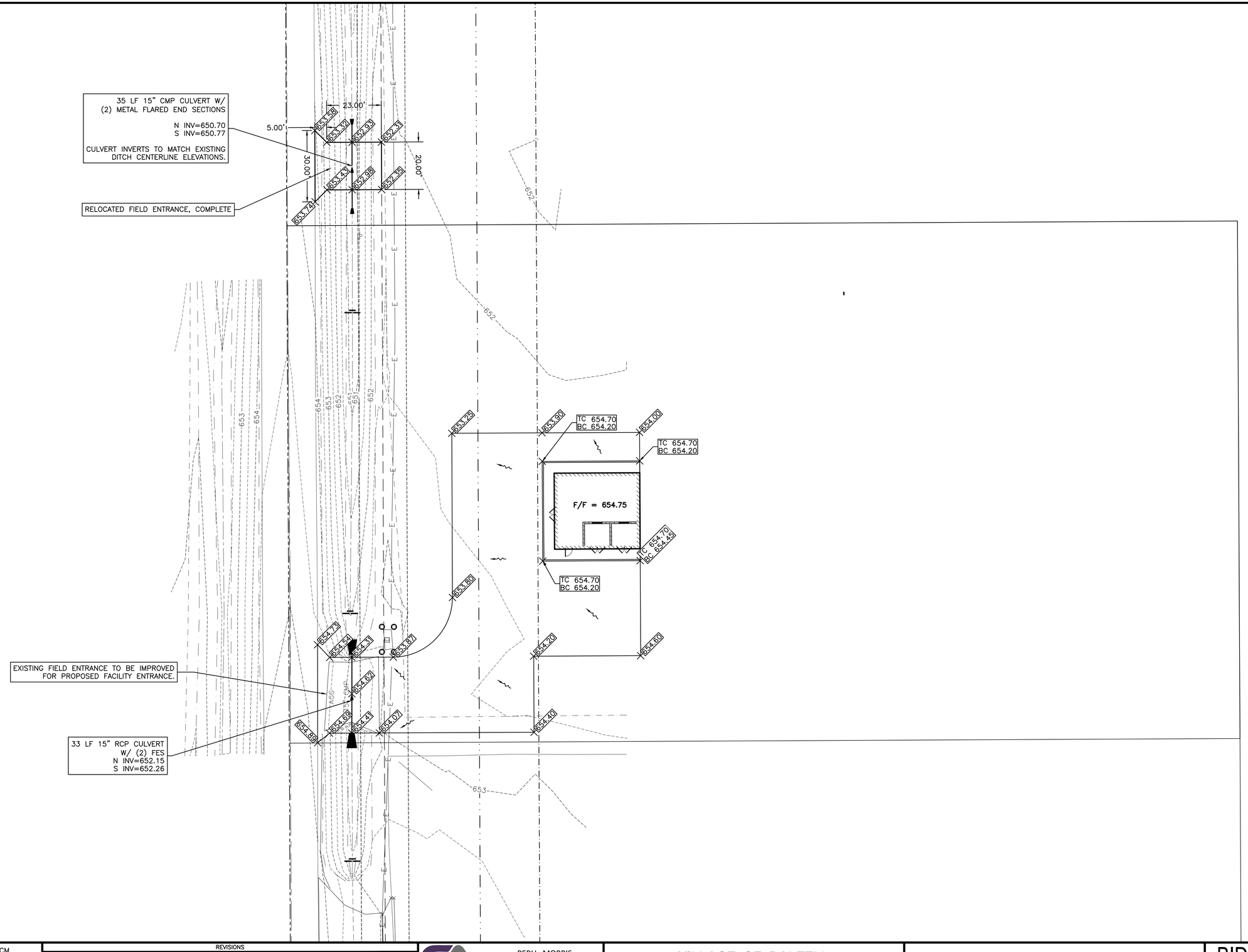
PERU MORRIS
OTTAWA
ILLINOIS

VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

MISCELLANEOUS DETAILS

BIDDING PLANS

CURRENT AS OF: 12/03/2025
SCALE: AS NOTED | SHEET 5
FILE NO.: 99055.00 Y- | OF 35



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CHECKED BY: RTB	LEVEL	BY	DATE	DESCRIPTION
DATE: 07/2025				

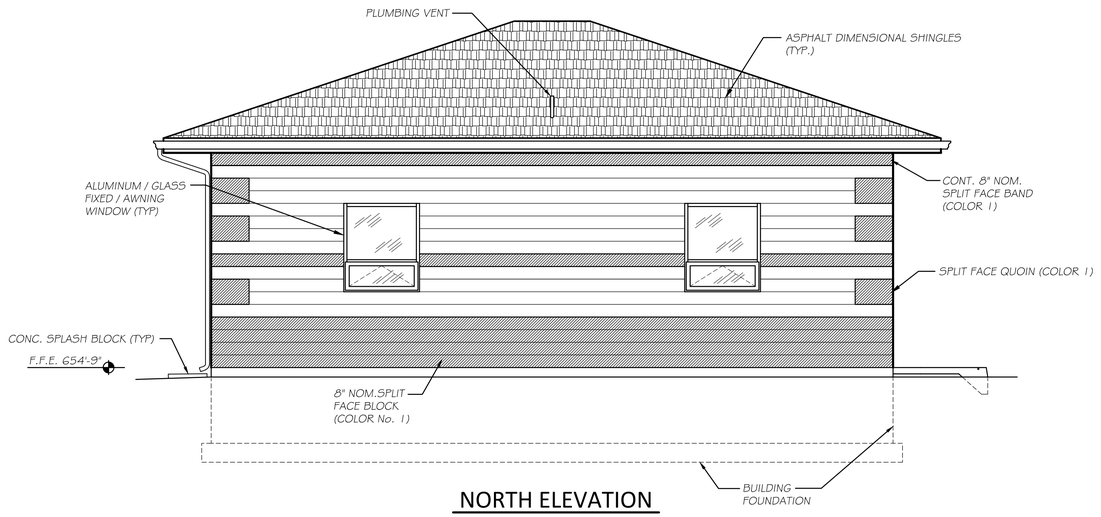
VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

GRADING PLAN

BIDDING PLANS

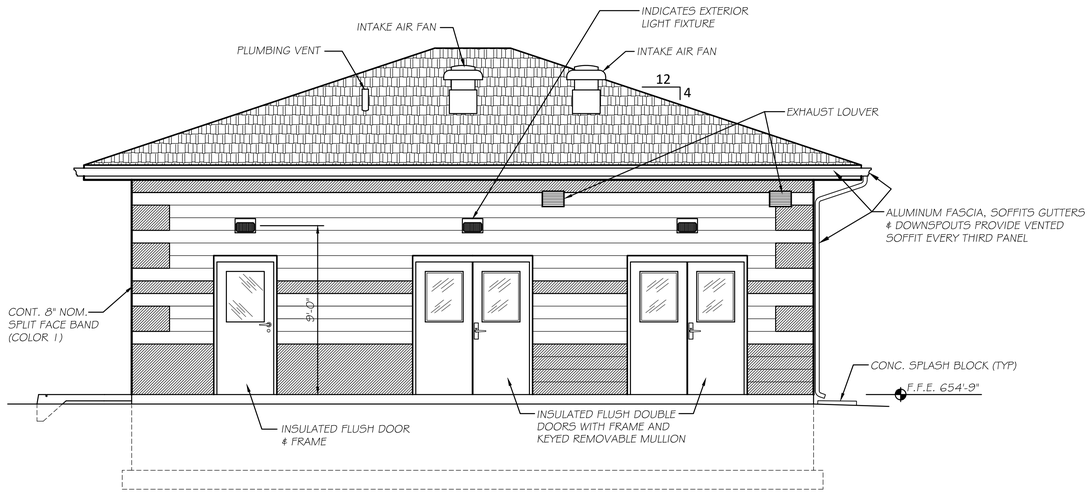
CURRENT AS OF: 12/03/2025
SCALE: AS NOTED | SHEET 6
FILE NO.: 99055.00 Y– | OF 35

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Drawing Name: C:\Users\VSW\99055-00-Dalzell-Peru Water Connection\CAD\006-SITE GRADING.dwg Last Modified: Wednesday, December 3, 2025 10:08:49 AM Plotted On: Wednesday, December 3, 2025 11:28:08 AM by Jonathon Covert



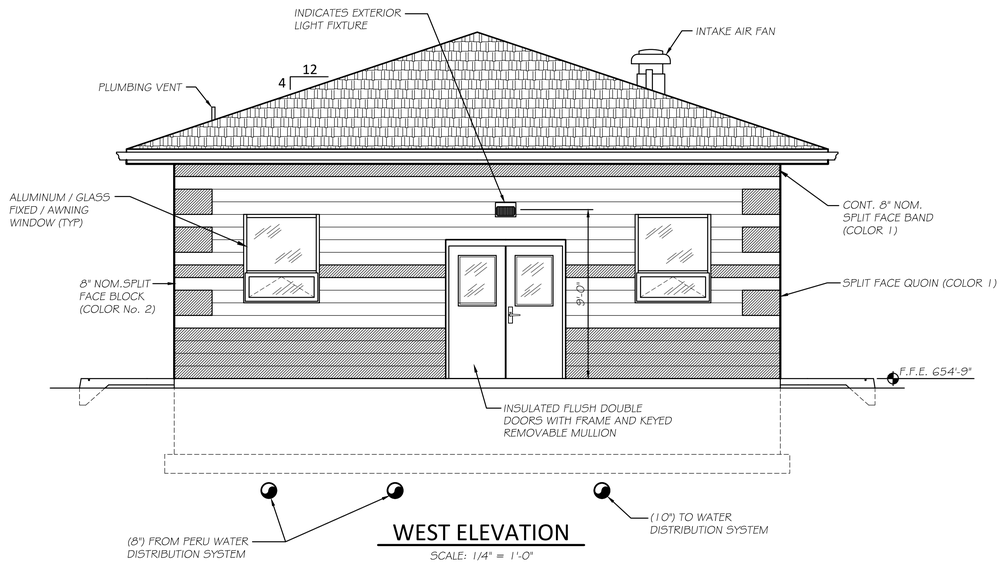
NORTH ELEVATION

SCALE: 1/4" = 1'-0"



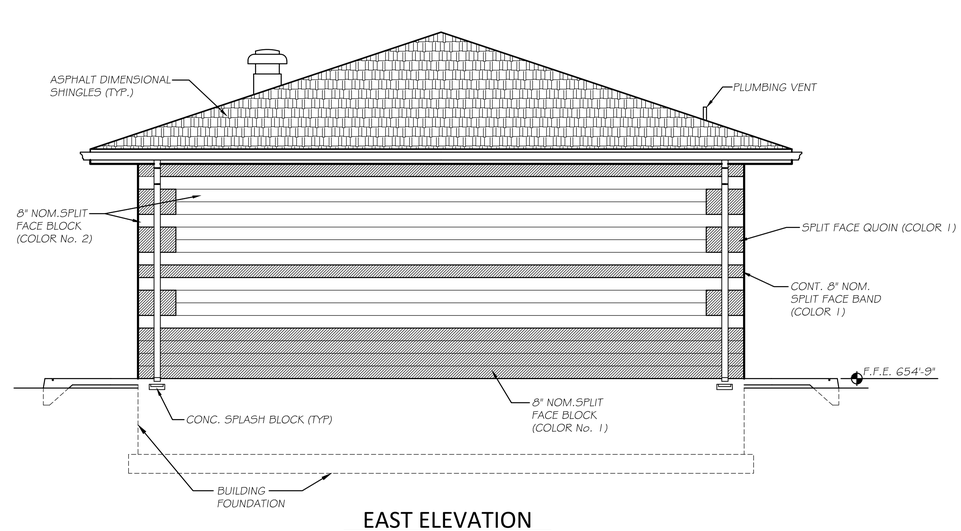
SOUTH ELEVATION

SCALE: 1/4" = 1'-0"



WEST ELEVATION

SCALE: 1/4" = 1'-0"

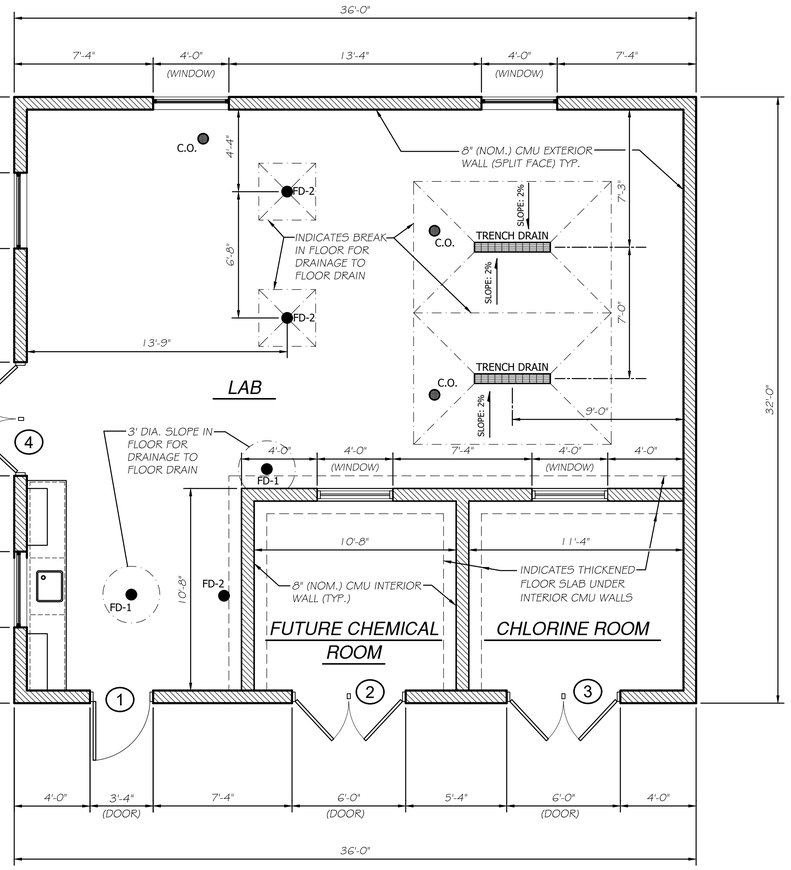


EAST ELEVATION

SCALE: 1/4" = 1'-0"

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Drawing Name: C:\Users\SMSCHLOR-Dalzell-Peru Water Connection\CAD\007-BLDG ELEVATIONS.dwg Last Modified: Wednesday, December 3, 2025 8:42:20 AM Plotted On: Wednesday, December 3, 2025 11:29:49 AM by Jonathon Covert

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CHECKED BY: RTB	LEVEL	BY	DATE	DESCRIPTION				SCALE: AS NOTED	SHEET 7
DATE: 07/2025								FILE NO.: 99055.00 Y–	OF 35

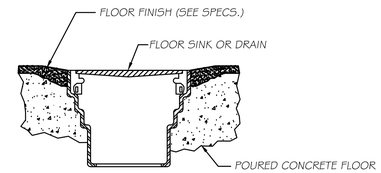


INDICATES CMU WALLS

LAYOUT PLAN

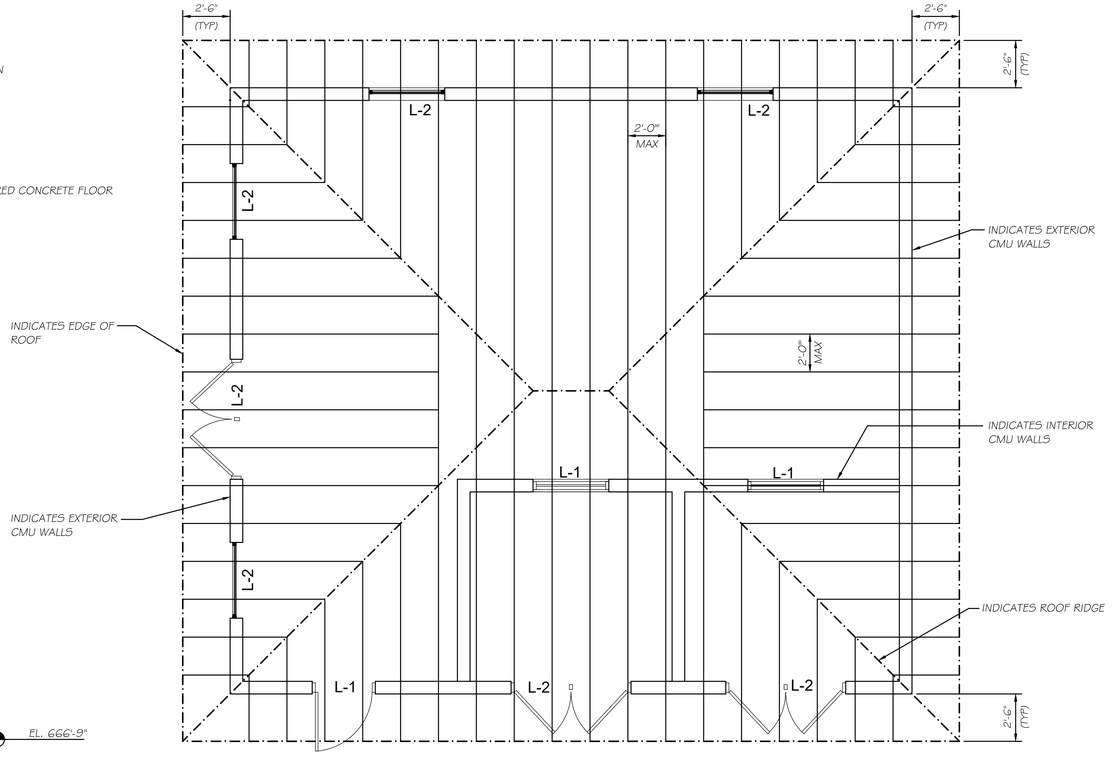
SCALE: 1/4" = 1'-0"

NORTH



FLOOR DRAIN DETAIL

N.T.S.



STRUCTURAL PLAN

SCALE: 1/4" = 1'-0"

NORTH

NOTES:

1. SEE PIPING PLANS FOR PIPE OPENING LOCATIONS.
2. COMPACTED GRANULAR FILL (CA-6) SHALL BE USED AT AREAS EXCAVATED OR FILLED BELOW SLABS AND FOOTINGS. COMPACTION SHALL BE 95% MAXIMUM DRY DENSITY.
3. DEWATERING SHALL MAINTAIN WATER TABLE BELOW BOTTOM OF FOOTING UNTIL WALLS AND FLOOR SLABS HAVE BEEN POURED AND DESIGN COMPRESSIVE STRENGTH REACHED.
4. REINFORCEMENT STEEL SHALL CONFORM TO ASTM A615 GRADE 60.
5. ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL NOT BE USED.
6. CONCRETE SHALL CONFORM TO ILLINOIS DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 1020 REQUIREMENTS FOR CLASS SI CONCRETE WITH THE EXCEPTION THAT THE MINIMUM 14 DAY COMPRESSIVE STRENGTH SHALL BE 4000 PSI.
7. SEE SHEET 16 FOR TYPICAL MASONRY WALL SECTIONS AND DETAILS
8. PLACE BACKFILL ON BOTH SIDES OF FOUNDATION WALLS SIMULTANEOUSLY SUCH THAT DIFFERENCE IN ELEVATION OF FILL ON EITHER SIDE OF WALL IS NO MORE THAN 1' AT ANY GIVEN TIME.

BUILDING STRUCTURAL DESIGN NOTES

APPLICABLE BUILDING CODE: IBC 2018
APPLICABLE DESIGN CODES: ASCE 7-16
ACI 318-14
TMS 402/602-16
ROOF LIVE LOAD: 20 PSF
RISK CATEGORY III
WIND LOADS: V=115 MPH
EXPOSURE: C
K_{zt}=1.0

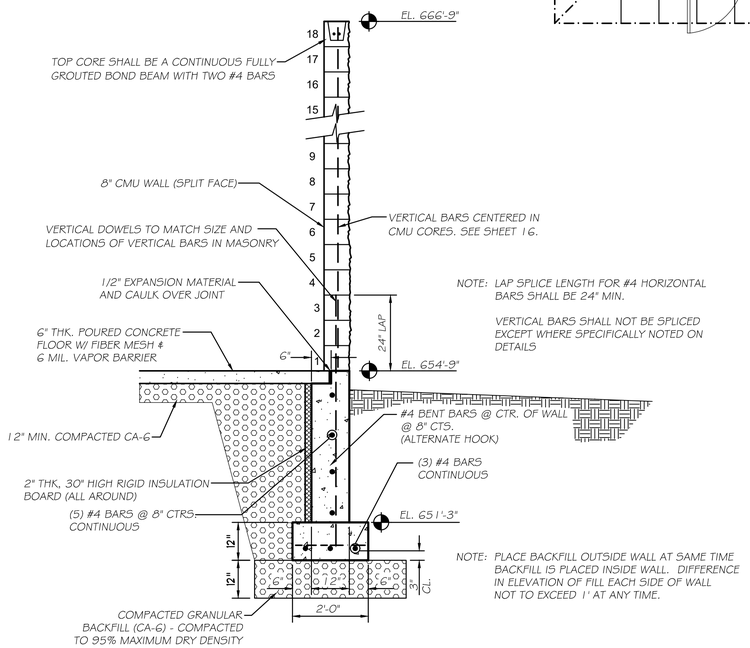
SNOW LOADS: GROUND SNOW LOAD: 20 PSF
DESIGN CONCRETE COMPRESSIVE STRENGTH: f'_c= 4,000 PSI
DESIGN MASONRY f'_m= 2,000 PSI

SEISMIC LOADS: S_{DS}: 0.124 S_S: 0.143
S_{D1}:0.073 S_1: 0.073
SOIL SITE CLASS:C
SEISMIC DESIGN CATEGORY: B

L-#=LINTEL DESIGNATION
SEE DETAILS ON SHEET 16

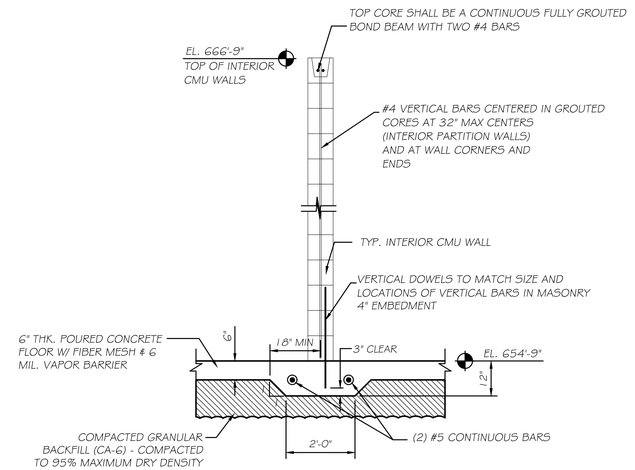
SCALE: 1/4"= 1'-0" U.N.O.

SEE SHEET 16 FOR REINFORCEMENT BAR LAP SPLICE LENGTHS



TYPICAL FOUNDATION WALL SECTION

SCALE: 1/2" = 1'-0"



TYPICAL THICKENED FLOOR SLAB @ INTERIOR CMU WALL

SCALE: 1/2" = 1'-0"

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VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

WATER METER BUILDING LAYOUT & STRUCTURAL PLANS AND DETAILS

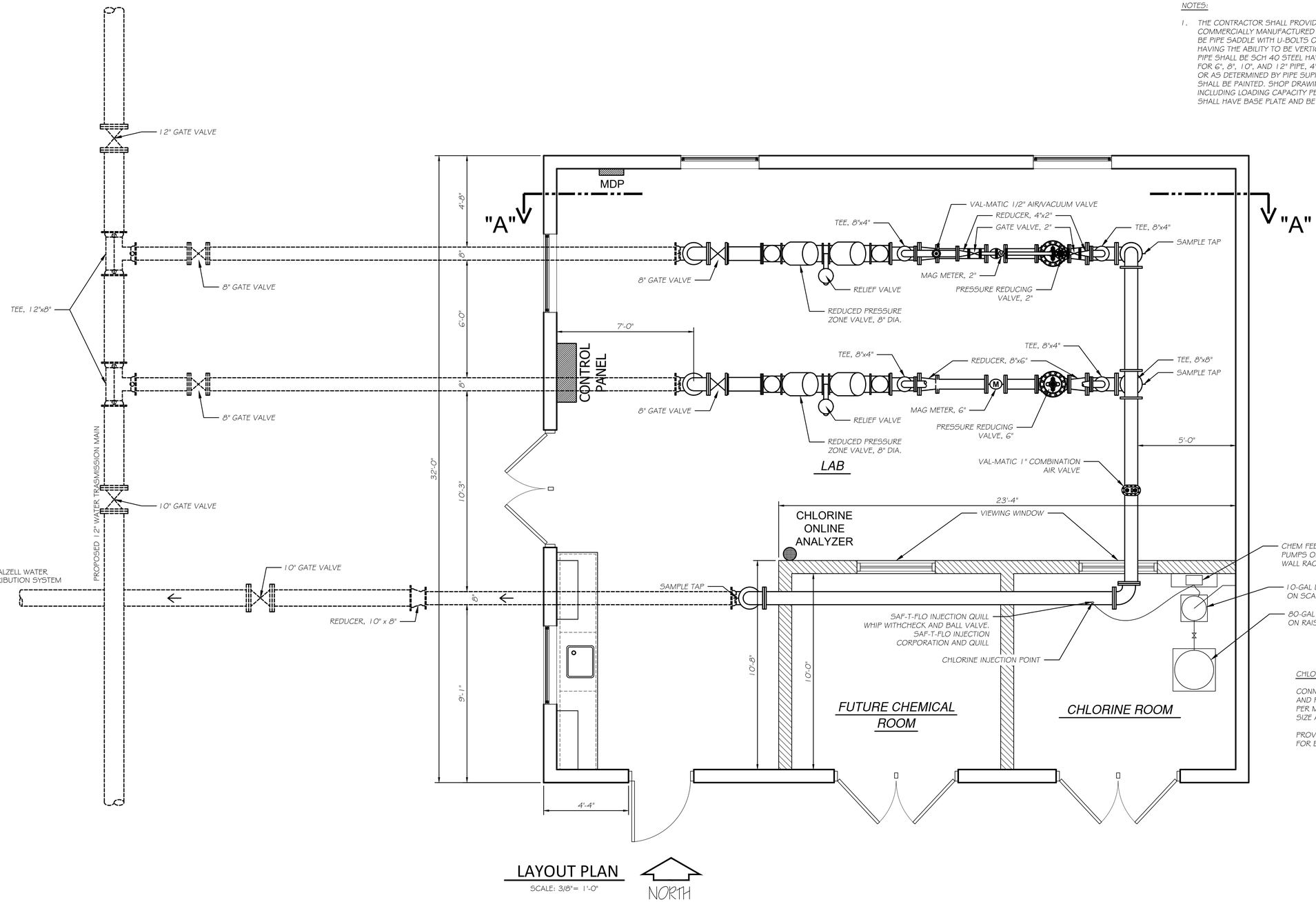
BIDDING PLANS

CURRENT AS OF: 12/03/2025
SCALE: AS NOTED
SHEET 8
FILE NO.: 99055.00 Y–
OF 35

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Drawing Name: G:\Users\VJ\99055-00-Dalzell-Peru Water Connection\CAD\009-BUILDING MECHANICAL LAYOUT PLAN.dwg Last Modified: Wednesday, December 3, 2025 8:44:04 AM Plotted On: Wednesday, December 3, 2025 11:33:11 AM by Jonathon Covert

NOTES:

1. THE CONTRACTOR SHALL PROVIDE PROPERLY SIZED AND SPACED COMMERCIALLY MANUFACTURED PIPE SUPPORTS. THE SUPPORTS SHALL BE PIPE SADDLE WITH U-BOLTS OR FLANGE SUPPORT TYPE. BOTH HAVING THE ABILITY TO BE VERTICALLY ADJUSTED. THE SUPPORT STAND PIPE SHALL BE SCH 40 STEEL HAVING MIN. DIA. OF 3" FOR 6", 8", 10", AND 12" PIPE, 4" FOR 16" PIPE AND 6" FOR 20" PIPE OR AS DETERMINED BY PIPE SUPPORT MANUFACTURER. ALL SUPPORTS SHALL BE PAINTED. SHOP DRAWING SUBMITTALS ARE REQUIRED, INCLUDING LOADING CAPACITY PER SUPPORT. SUPPORT STAND PIPES SHALL HAVE BASE PLATE AND BE ANCHORED TO FLOOR.



CHLORINE ROOM NOTES:

CONNECT DAY TANK TO PUMP AND PUMP TO INJECTION QUILL PER MANUFACTURER'S RECOMMENDED SIZE AND MATERIAL.

PROVIDE 2" TANK DRAIN WITH BALL VALVE FOR BULK STORAGE TANK.

LAYOUT PLAN

SCALE: 3/8"= 1'-0"

NORTH

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VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

METERING BUILDING
MECHANICAL PLAN

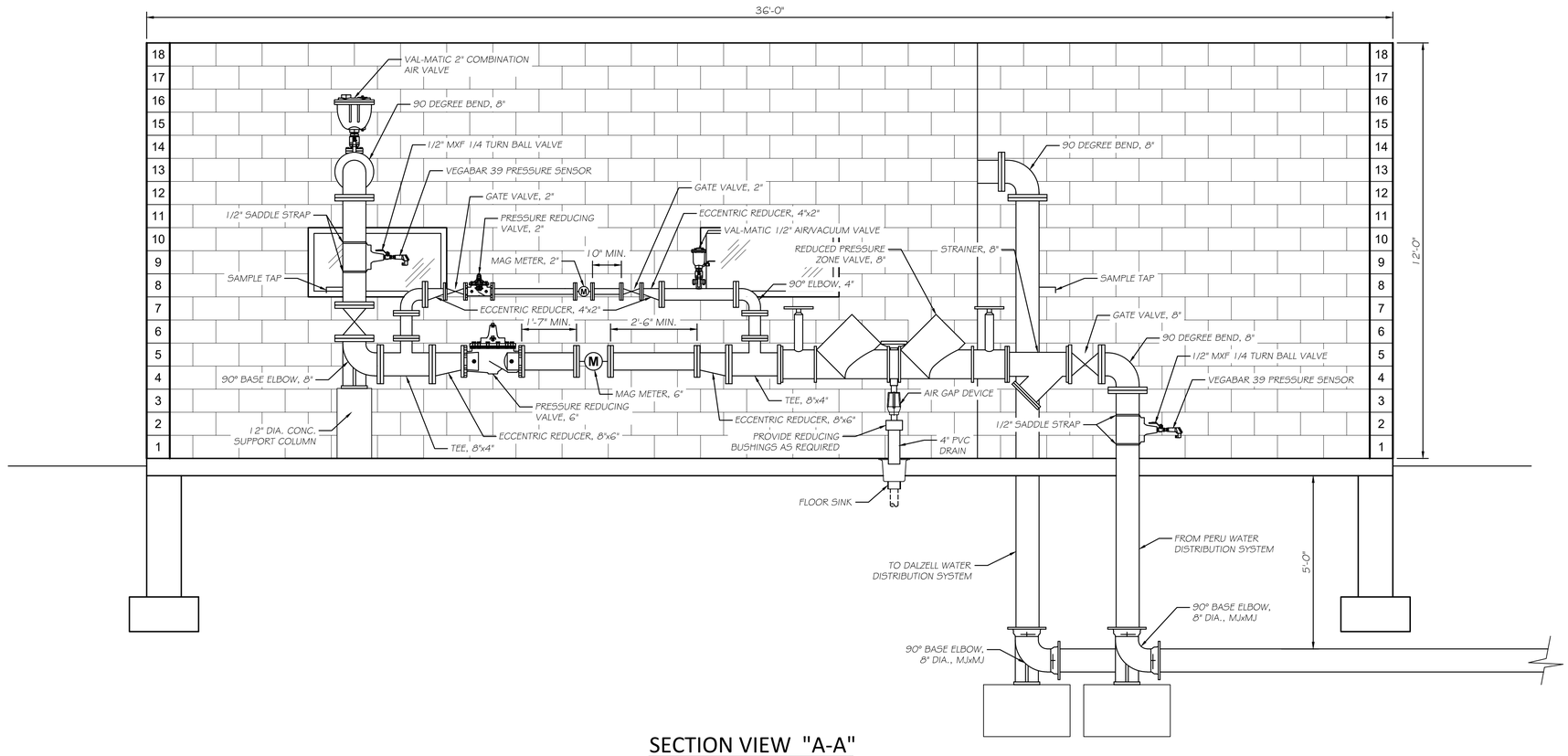
BIDDING PLANS

CURRENT AS OF: 12/03/2025	
SCALE: AS NOTED	SHEET 9
FILE NO.: 99055.00 Y–	OF 35

NOTES:

THE RPZ ASSEMBLY SHALL BE A SERIES LF909 REDUCED PRESSURE ASSEMBLY AS MANUFACTURED BY "WATTS". THE RPZ SHALL HAVE NON-RISING STEM GATE VALVES WITH POSITION INDICATORS, STRAINER ON INLET SIDE AND AIR GAP FITTING FOR THE RELIEF VALVE OUTLET

THE PRESSURE REDUCING VALVE ASSEMBLIES SHALL BE CLA-VAL PRV MODEL 90-01, ROSS PRV MODEL 40WR, OR APPROVED EQUAL. THE DESIGN BASIS IS CLA-VAL, SO THE CONTRACOTR SHALL BE RESPONSIBLE FOR REDESIGN NECESSARY TO ACCOMODATE ANY OTHER VALVE MODEL.



SECTION VIEW "A-A"

N.T.S.

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Drawing Name: C:\Users\RTB\99055-00--Dalzell--Peru Water Connection\CAD\010-MECHANICAL SECTIONS.dwg Last Modified: Wednesday, December 3, 2025 8:44:48 AM Plotted On: Wednesday, December 3, 2025 11:34:12 AM by Jonathon Covert

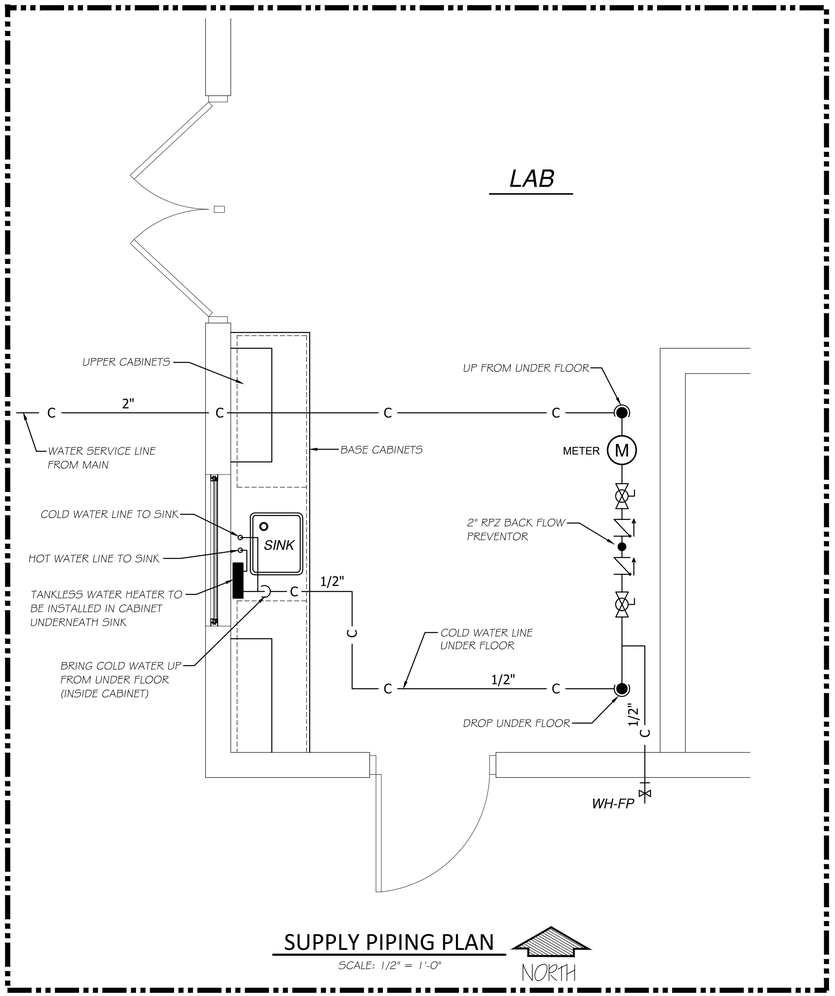
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CHECKED BY: RTB	LEVEL	BY	DATE	DESCRIPTION	VILLAGE OF DALZELL DALZELL - PERU WATER CONNECTION
DATE: 07/2025					WATER METER BUILDING SECTION VIEW

BIDDING PLANS

CURRENT AS OF: 12/03/2025

SCALE: AS NOTED | SHEET 10

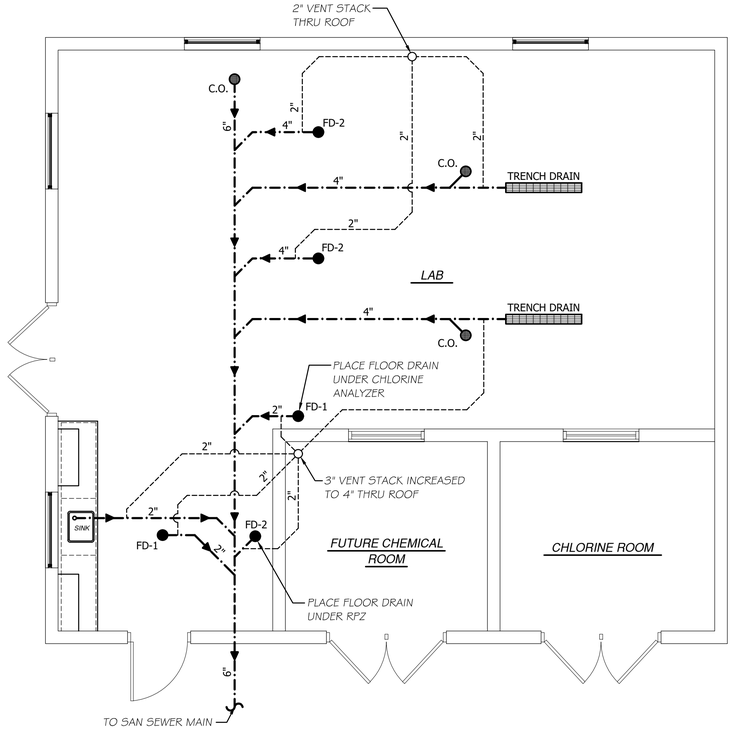
FILE NO.: 99055.00 Y– | OF 35



SUPPLY PIPING PLAN

SCALE: 1/2" = 1'-0"

NORTH



WASTE PIPING PLAN

SCALE: 1/4" = 1'-0"

NORTH

PLUMBING NOTES :

1. CONTRACTOR SHALL PROVIDE ALL HOT & COLD WATER SUPPLY PIPING TO FIXTURES SHOWN. PIPING SHALL BE CONCEALED WITHIN WALLS UNLESS SHOWN OTHERWISE OR APPROVED BY ENGINEER. PIPING SHALL BE COPPER TUBING TYPE "L" (USE TYPE "K") UNDER CONCRETE SLABS. ALL PIPING ROUTING SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT.
2. FURNISH AND INSTALL INDICATED PLUMBING FIXTURES COMPLETE WITH FAUCETS, STOP VALVES, AND TRAPS.
3. PROVIDE VALVES AT ALL FIXTURES AND BRANCH PIPING AS REQUIRED TO ACCOMPLISH INDIVIDUAL FIXTURE ISOLATION THROUGHOUT.
4. PLUMBING SHALL COMPLY WITH THE MOST RECENT ILLINOIS STATE PLUMBING CODE.
5. ALL WASTE & VENT PIPING SHALL BE INSTALLED AT (1/8") PER FT. SLOPE. VENT STACKS SHALL INCREASE, WHERE INDICATED, THRU ROOF & BE CONCEALED IN WALLS WHERE FEASIBLE OR AS APPROVED OTHERWISE. PROVIDE REQUIRED AND APPROVED ROOF VENT FLASHING FRO EACH VENT STACK PENETRATION. ALSO, DO NOT INSTALL WATER SUPPLY PIPING WITHIN EXTERIOR WALLS OR WHERE PIPING WILL BE EXPOSED TO EXTREME TEMPERATURES.
6. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND REPRESENT A COMPLETE PROJECT. MODIFICATIONS TO THE WORK SHALL BE PROVIDED BY THIS CONTRACTOR TO COMPLY WITH PROJECT REQUIREMENTS. LOCATIONS OF EQUIPMENT SHOW A GENERAL ARRANGEMENT AND INTENDED FUNCTION. BEFORE INSTALLING EQUIPMENT, CHECK DOOR OPERATIONS AND ALL REQUIRED CLEARANCES TO AVOID INTERFERENCE WITH OTHER TRADES.
7. FOLLOW THE APPLICABLE CODES AND OBTAIN NECESSARY PERMITS AND INSPECTIONS. APPLICABLE CODES INCLUDE, BUT NOT LIMITED TO THE INTERNATIONAL BUILDING, MECHANICAL, FUEL GAS, AND INTERNATIONAL ENERGY CONSERVATION CODES. FOLLOW INDUSTRY STANDARDS, INCLUDING ASHRAE, SMACNA, ANSI, ASME, ECT. COMPLY WITH ADDITIONAL COUNTY AND STATE OF ILLINOIS APPLICABLE CODES. THE MOST STRINGENT CODE SHALL APPLY. PROVIDE ALL REQUIRED SUBMITTALS FOR REVIEW AND APPROVAL.
8. INSULATE ALL ABOVE GROUND HOT / COLD WATER LINES IN BUILDINGS WITH FIBERGLASS WRAP OR FOAM INSULATION.
9. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING COMPLETE WATER SUPPLY AND WASTE PIPING TO ALL AREAS SHOWN ON THE PLAN. WASTE PIPING SHALL BE CONNECTED TO THE SANITARY SERVICE LINE. SEE YARD PIPING PLAN.

PLUMBING LEGEND

—·→·—	WASTE PIPE
----------	VENT PIPE
——C——	COLD WATER SUPPLY
——H——	HOT WATER SUPPLY
● FD-1	"WADE" No. W-1100-A OR APPROVED EQUAL, 2" CAST IRON FLOOR DRAIN W/ 4" BRONZE TOP. (PROVIDE REQUIRED TRAP AT EACH UNIT)
● FD-2	ZURN MODEL Z1926, OR APPROVED EQUAL, SANI-FLOR RECEPTOR 16"X16"X12" DEEP CAST IRON BODY WITH SEEPAGE FLANGE, 4" OUTLET PIPE, HEAVY DUTY GRATE WITH 9/16" SLOTTED OPENINGS.
CO OR ● CO	CAST IRON CLEAN-OUT BODY W/ CAST BRONZE TOP SECURED TO CASTING W/ SCREWS WHEN INSTALLED IN FINISHED CONCRETE OR PVC CLEAN-OUT WITH SCREW-ON CAP WHEN PLACED IN YARD (UNLESS NOTED OTHERWISE) . PROVIDE WALL CLEANOUT & ROUND ACCESS COVER WHERE SHOWN.
WH-FP	WALL HYDRANT-"ZURN" - Z1321-C STAINLESS FACE W/ ANGLED NOZZLE, AUTOMATIC DRAINING AND ANTI-SIPHON. PROVIDE OPERATING KEY.
LAB SINK FAUCET	"CHICAGO FAUCET" 900 SERIES, NO. 930-317XKCP, SINGLE-HOLE, DECK MOUNTED, RIGID/SWING GOOSENECK SPOUT, ATMOSPHERIC VACUUM BREAKER, & 4" WRISTBLADE HANDLES.
TEMPERED MIXING VALVES	PROVIDE THERMOSTATIC HIGH-LOW TEMPERED WATER MIXING VALVE AS MANUFACTURED BY BRADLEY, POWERS, OR LAWLER @ LAVATORIES AND SHOWER.
TRENCH DRAIN	6" WIDE, POLYESTER, "POLYCAST- SERIES 600" PRE-SLOPED W/ HARDNOSE CAST IRON FRAME & DUCTILE IRON CLASS D SLOTTED GRATE OR APPROVED EQUAL (48" LG. WITH 4" OUTLET).
TANKLESS WATER HEATER	"ECOSMART"- "POU-6T" OR APPROVED EQUAL

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DATE: 07/2025					WATER METER BUILDING WASTE AND SUPPLY PIPING

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BIDDING PLANS

CURRENT AS OF: 12/03/2025

SCALE: AS NOTED | SHEET 11

FILE NO.: 99055.00 Y– | OF 35

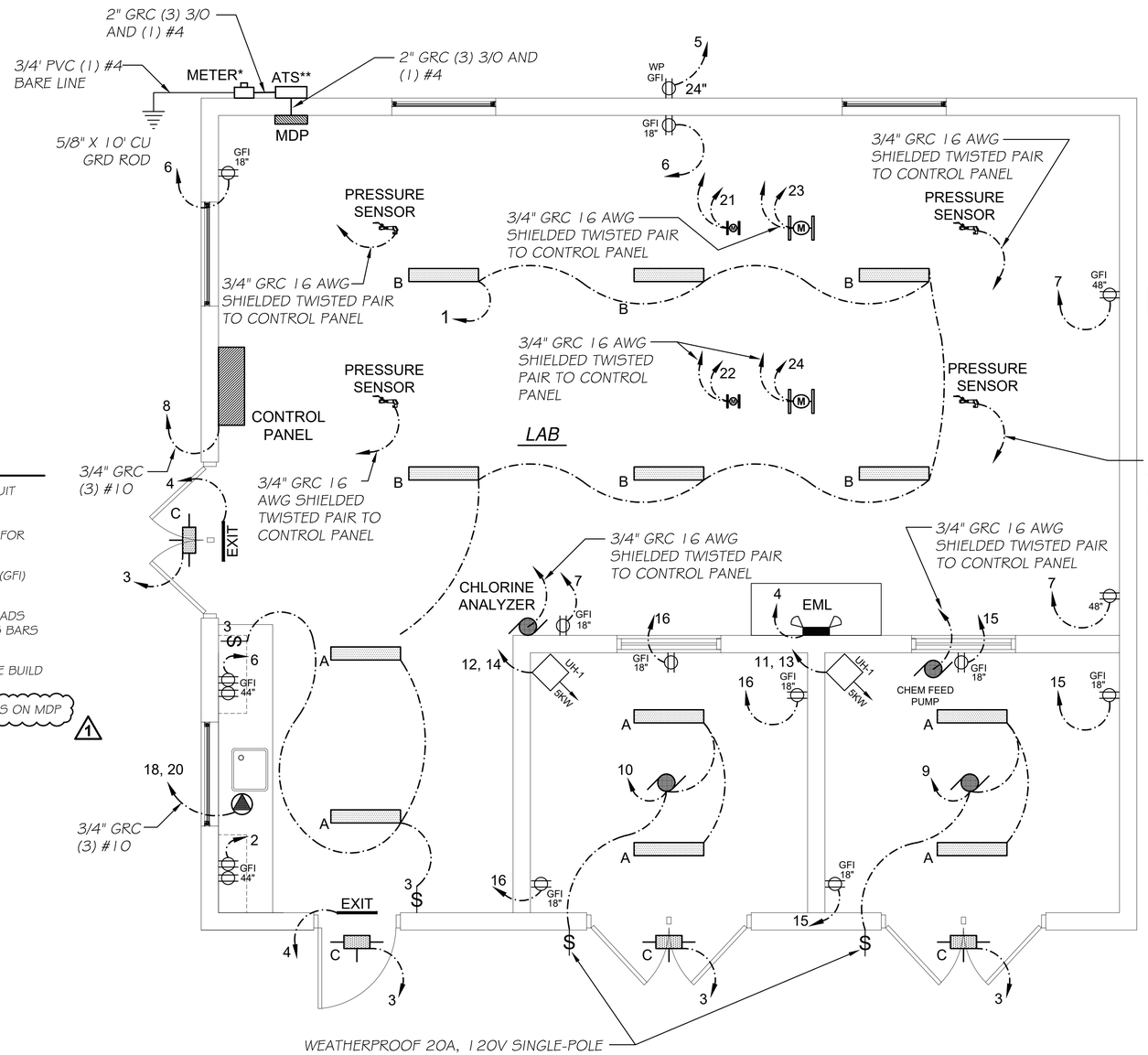
		Panel- MDP-1			Volts- 120/240		Phase- Single				Main- 200A		
	Ckt No.	Circuit Description	Wire Size	CB Size	A	B	A	B	CB Size	Wire Size	Circuit Description	Ckt. No.	
A	1	Lights	#12	20	800		1200		20	#12	Receptacles	2	A
B	3	Exterior Lights	#12	20		300		300	20	#12	Exit/Emergengy Lights	4	B
A	5	Receptacles	#12	20	600				20	#12	Receptacles	6	A
B	7	Receptacles	#12	20				3600	30	#10	Control Panel	8	B
A	9	Chlorine Room Supply Fan	#12	20	300		300		20	#12	Future Chemical Room Supply Fan	10	A
B	11	Chlorine Room Heater	#10	30		2500		2500	30	#10	Future Chemical Room Heater	12	B
A	13				2500		2500					14	A
B	15	Chlorine Room Receptacles	#12	20		1500		1500	20	#12	Future Chemical Room Receptacles	16	B
A	17	Mini-split	#10	30	4200		3250		30	#10	Water Heater	18	A
B	19					4200		3250				20	B
A	21	Train 1 MAG Meter 1	#12	20	100		100		20	#12	Train 2 MAG Meter 1	22	A
B	23	Train 1 MAG Meter 2	#12	20		100		100	20	#12	Train 2 MAG Meter 2	24	B
A	25	Open									Open	26	A
B	27	Open									Open	28	B
A	29	Open									Open	30	A

ELECTRICAL NOTES:

1. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND REPRESENT A COMPLETE PROJECT. MODIFICATIONS TO THE WORK SHALL BE PROVIDED BY THIS CONTRACTOR TO COMPLY WITH PROJECT REQUIREMENTS. LOCATIONS OF EQUIPMENT SHOW A GENERAL ARRANGEMENT AND INTENDED FUNCTION. BEFORE INSTALLING EQUIPMENT, CHECK DOOR SWINGS AND ALL REQUIRED CLEARANCES TO AVOID INTERFERENCE WITH OTHER TRADES.
2. INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND CONDITIONS FOR WARRANTIES AND GUARANTIES. PROVIDE ALL ACCESSORIES REQUIRED FOR A COMPLETE AND SATISFACTORY INSTALLATION.
3. COMPLY WITH LOCAL AND APPLICABLE CODES. IN THE EVENT OF A CONFLICT, THE MOST STRINGENT SHALL GOVERN. SHOULD A CONFLICT ARISE BETWEEN CONSTRUCTION DOCUMENTS AND APPLICABLE CODES, WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE ENFORCING CODE AUTHORITIES.
4. ALL WIRING SHALL BE #12 THWN / THNN IN 3/4" CONDUIT UNLESS OTHERWISE NOTED.
5. PROVIDE EXTERIOR DISCONNECT SWITCH "SQUARE D" FOR HVAC UNIT.
6. RECEPTACLES ARE TO BE GROUND FAULT PROTECTED (GFI) UNLESS SHOWN OTHERWISE
7. ELECTRICAL CONTRACTOR SHALL VERIFY REQUIRED LOADS FOR EACH CIRCUIT AND EVENLY BALANCE PANEL BUSS BARS ACCORDINGLY.
8. ALL ELECTRICAL EQUIPMENT MUST QUALIFY UNDER THE BUILD AMERICA, BUY AMERICA ACT (BABAA)
9. SEE SPECIFICATION 26 1000 FOR ADDITIONAL DETAILS ON MDP

LEGEND

A	LED STRIP LIGHT FIXTURE-"LITHONIA" OR APPROVED EQUAL, CLX L48 5000LM SEF, FDL, MVOLT GZ10 40K 80 CRI WH
B	4' LED STRIP LIGHT FIXTURE-"LITHONIA" OR APPROVED EQUAL, CLX L48 10000LM SEF FDL, MVOLT GZ10 40K 80 CRI WH
C	EXTERIOR WALL MOUNTED LIGHT-"LITHONIA" OR APPROVED EQUAL, WDGE2 P1 40K 80CRI T3M MVOLT SRM DDBXD (DARK BRONZE) PE (PHOTO EYE, BUTTON TYPE)
EXIT	EXIT / EMERGENCY LIGHT COMBO-"LITHONIA" MODEL LHQM LED, R HO BAA THERMOPLASTIC HOUSING, SINGLE FACE (RED)
18"	20 AMP DUPLEX RECEPTACLE (18" A.F.F.)
24"	20 AMP DUPLEX RECEPTACLE (24" A.F.F.)
48"	20 AMP DUPLEX RECEPTACLE (48" A.F.F.)
GFI	20 AMP DUPLEX RECEPTACLE (GROUND FAULT INTERRUPTER)
$	SINGLE POLE SWITCH (48" A.F.F.)
$3	THREE WAY SWITCH (48" A.F.F.)
WP	WEATHER PROOF SWITCH OR OUTLET
NEW	INDICATES NEW SWITCH OR OUTLET INSTALLED BY THIS CONTRACTOR
	INDICATES ELECTRICAL CIRCUIT
	EQUIPMENT MOTOR
LP	PANELBOARD - "SQUARE D" "NQ", TYPE 2, 200 AMP, 4-WIRE, 3-PHASE, 42 SPACE DISTRIBUTION PANEL W/ MAIN BREAKER (PROVIDE REQUIRED EQUIPMENT BREAKERS AS SHOWN ON THE PLANS)



ELECTRICAL PLAN
SCALE: 3/8"= 1'-0"

NORTH

* METER SOCKET: 200 A, RINGLESS, LEVER BYPASS, UNDERGROUND, RATED FOR 120/240V. METER SOCKET SHALL COMPLY WITH THE CITY OF PERU'S SERVICE INSTALLATION REQUIREMENTS.

** AUTOMATIC TRANSFER SWITCH: SERVICE-RATED, 200 A, 120/240V, 1-PHASE, NEMA 3R, UL 1008 LISTED, INTEGRAL DISCONNECT. CONTRACTOR SHALL PROVIDE ATS IN ACCORDANCE WITH SPEC 26 3600

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Drawing Name: C:\Users\VJ9952~1\Documents\Dalzell--Peru Water Connection\CAD\012--BUILDING ELECTRICAL PLAN.dwg Last Modified: Wednesday, December 3, 2025 11:38:06 AM Plotted On: Tuesday, January 13, 2026 3:53:16 PM by Jonathon Covert

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DATE: 07/2025	1	JJC	01/13/26	ADDENDUM No. 2

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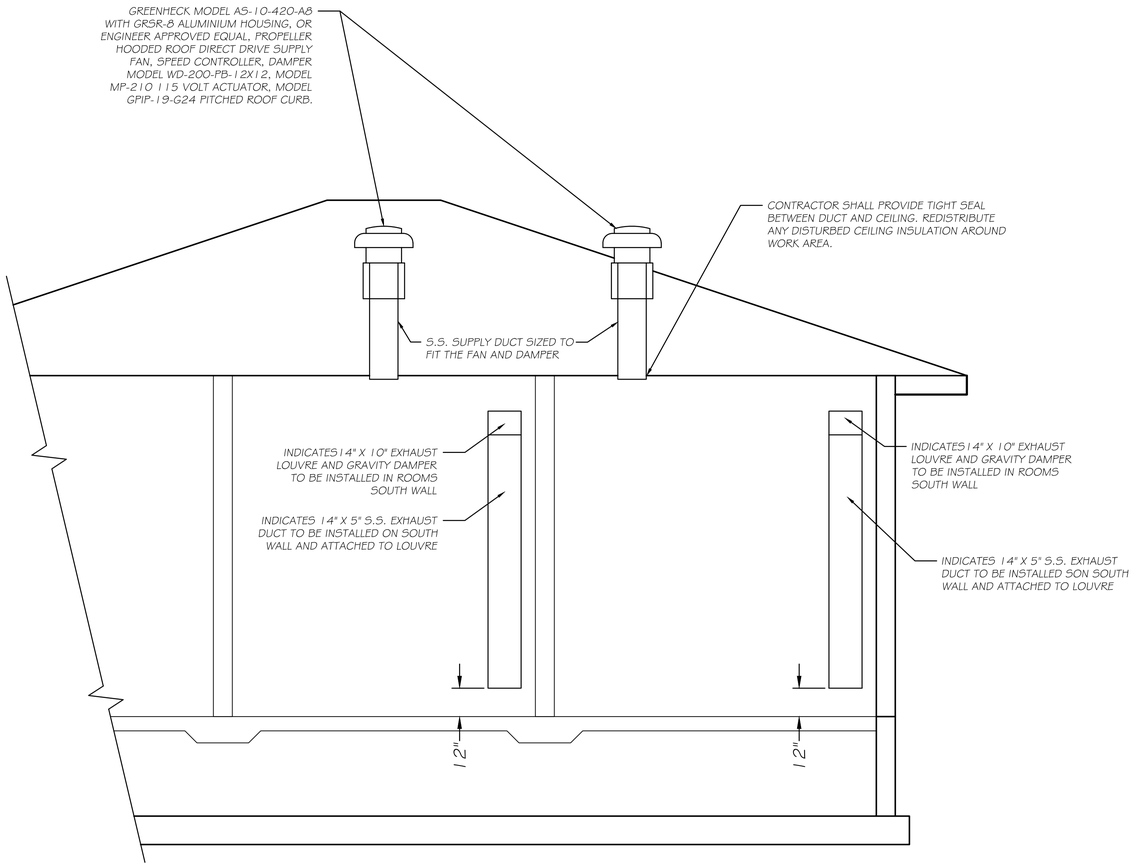
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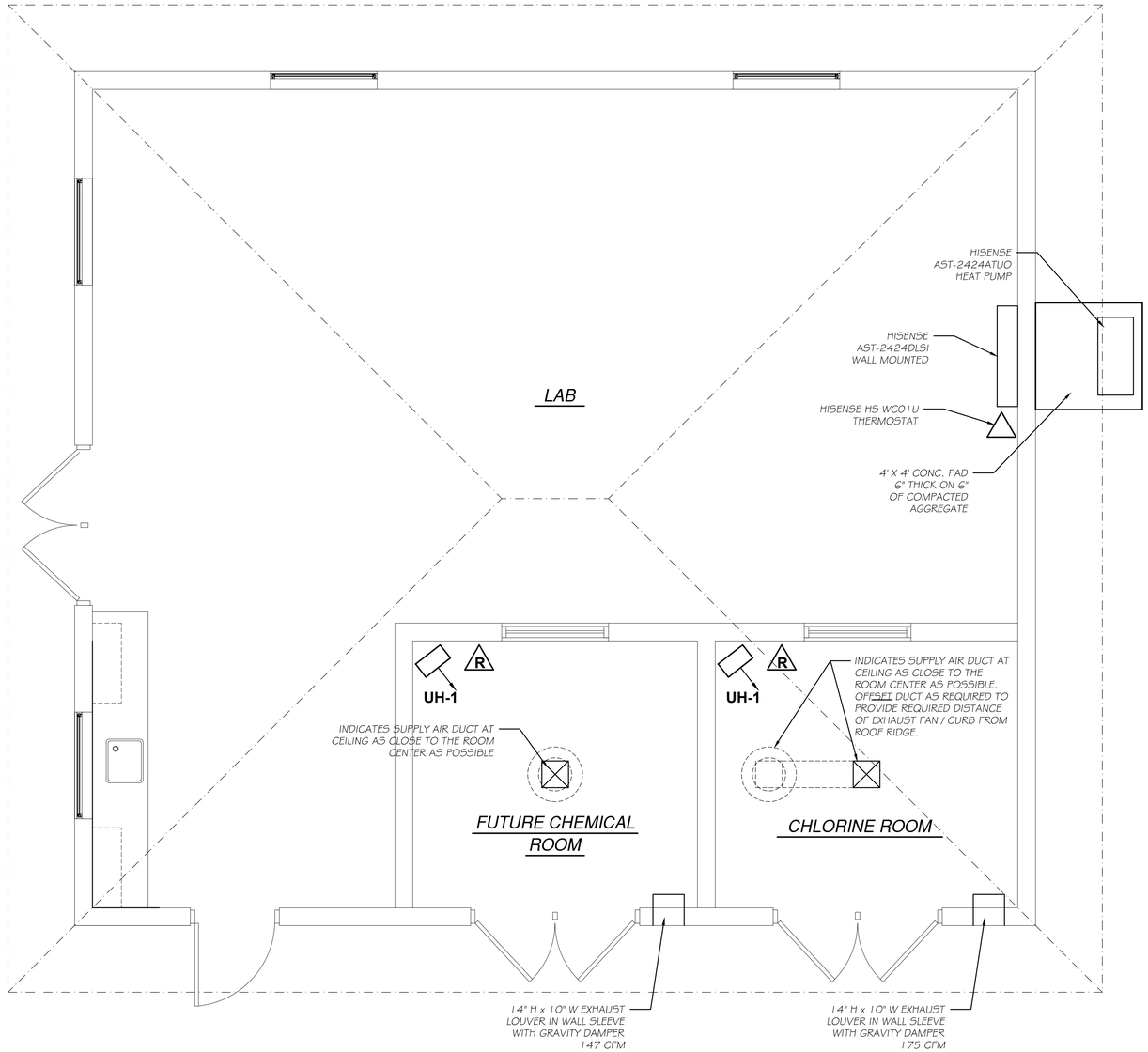
VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

METERING BUILDING
ELECTRICAL PLAN

BIDDING PLANS

CURRENT AS OF: 12/03/2025
SCALE: AS NOTED
SHEET 12
FILE NO.: 99055.00 Y-
OF 35





HVAC PLAN

SCALE: 3/8"= 1'-0"

NORTH

R — *REMOTE THERMOSTAT PROVIDED BY UNIT HEATER MANUFACTURER*

UH-1 - *UNIT HEATER:*
"Q-MARK" MUH05-21 OR ENGINEER APPROVED EQUAL 5.0 kW, 240 V, 1 PH, 21.0 AMP, 350 CFM, 12' AIR THROW WALL MAOUNT KIT B 10, MPDS25 DISCONNECT, REMOTE WALL MOUNTED THERMOSTAT.

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VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

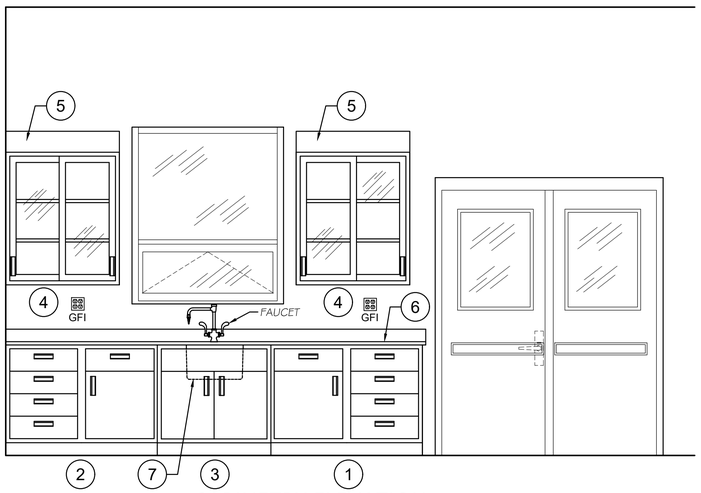
METERING BUILDING HVAC PLAN

BIDDING PLANS

CURRENT AS OF: 12/03/2025
SCALE: AS NOTED
SHEET 13
FILE NO.: 99055.00 Y–
OF 35

LABORATORY FURNITURE SCHEDULE

No.	SIZE	UNIT TYPE	DESCRIPTION
1	48" W.x 35" H.x 22" D.	5-DRAWER, 1-LEFT HINGED DOOR	STANDING HEIGHT CABINET
2	48" W.x 35" H.x 22" D.	5-DRAWER, 1-RIGHT HINGED DOOR	STANDING HEIGHT CABINET
3	36" W.x 35" H.x 22" D.	2-DOOR SINK UNIT	STANDING HEIGHT CABINET
4	36" W.x 42" H.x 13" D.	WALL CASE FRM. GLS. SLD DOORS	WALL HUNG ENCASEMENT
5	36" W.x 13" H.	SLOPED TOP WITH END CAP	
6		1" THICK, 24" DEEP FLAT, EPOXY RESIN TOP, 4" CURB	EPOXY RESIN TOP
7	18" x 15" x 11" DEEP	EPOXY UNDER MOUNT SINK W/ CORNER DRAIN (COMPLETE)	



CABINETRY ELEVATION

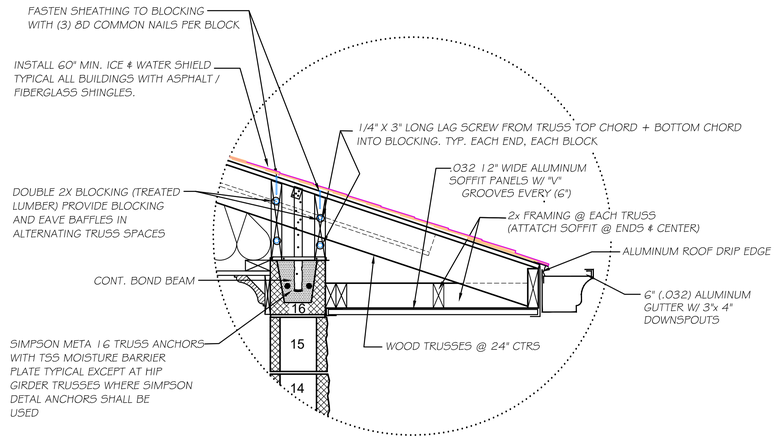
SCALE: 1/2"= 1'-0"

FURNITURE NOTES:

1. PROVIDE REQUIRED SINK OPENING AND FAUCET CUTOUT IN COUNTER TOP.
2. THE GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL 4" VINYL BASE AT BASE OF ALL CABINETS. COLOR SHALL MATCH ADJACENT WALL BASE.
3. THE CONTRACTOR SHALL USE CABINET PLANS FOR BIDDING AND GENERAL LAYOUT. SHOP DRAWINGS SHALL BE SUBMITTED SHOWING PROPOSED CABINET LAYOUT, APPLICABLE DIMENSIONS, & CABINET UNIT TYPES. THE APPROVED SHOP DRAWING SHALL THEN BECOME THE CONSTRUCTION PLANS.
4. CABINETS SHALL BE CONSTRUCTED OF 18 GA. STEEL FOR SIDE & BACK PANELS AND SHELVES. DRAWER & DOOR FACES SHALL BE 20 GA. STEEL.

CONCRETE MASONRY UNITS:

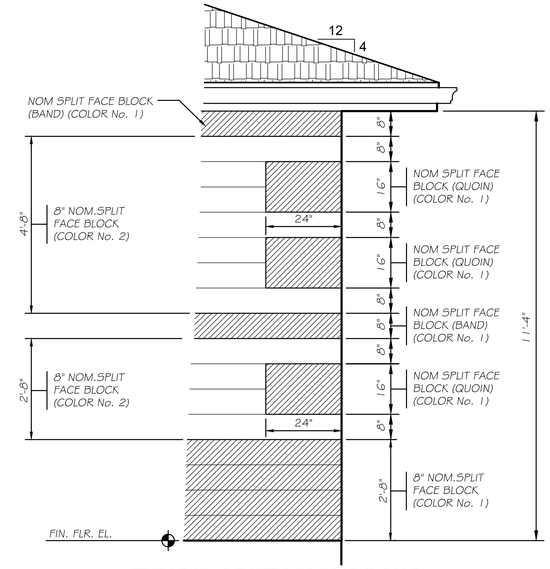
1. CMU SHALL BE NORMAL WEIGHT STANDARD BLOCK UNITS AS PRODUCED BY "ECHELON MASONRY" OR APPROVED EQUAL. CMU'S SHALL CONFORM TO ASTM C-90 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 2000 PSI. UNITS SHALL INCLUDE "DRY BLOCK" WATER REPELLANT, MAX. ABSORPTION OF (7.5%). MORTAR SHALL MATCH BLOCK COLOR AND CONFORM TO ASTM C-270, TYPE M. CONCRETE MASONRY COMPRESIVE STRENGTH (f'm) SHALL NOT BE LESS THAN 2000 psi AS DETERMINED BY THE UNIT STRENGTH METHOD.
2. PLACE "HOHMANN & BARNARD" 220 LADDER MESH CMU REINFORCING EVERY SECOND BLOCK COURSE. SIDE RODS & CROSS RODS SHALL BE 9 GAUGE WIRE. MINIMUM LAP LENGTH FOR HORIZONTAL SIDE RODS = 12".
3. FINISHES:
   ALL INTERIOR CMU WALLS SHALL BE PAINTED AS DESCRIBED IN THE SPECIFICATIONS. PROVIDE BLOCKFILL PRIOR TO FINAL PAINT FINISH.
4. PROVIDE SOLID, FLUSH, FINISHED END BLOCKS AT ALL VISIBLE MASONRY OPENINGS (WINDOW AND DOOR JAMBS). NO VERTICAL JOINTS OR CUT BLOCKS SHALL BE ACCEPTED.
5. GROUT FOR MASONRY SHALL CONFORM TO ASTM C476 AND TMS 602-16 WITH MINIMUM COMPRESSIVE STRENGTH OF 2,000 psi.
6. PROVIDE SOLID GROUTED CMU BLOCK CORES WITH #4 BARS FULL HEIGHT OF WALL (UNLESS NOTED OTHERWISE), AT 32" CENTERS MEASURED ALONG LENGTH OF WALL PLUS: ON EACH SIDE OF DOOR, WINDOW OR LOUVER OPENINGS AS WELL AS EACH BUILDING CORNER CORE. ALSO SEE ADDITIONAL REINFORCING REQUIREMENTS IN LINTEL DETAILS. PROVIDE CENTERING DEVICE IN CELLS OF CMU TO RECEIVE VERTICAL BARS TO BE SURE BARS REMAIN CENTERED IN THE WALL CORES ("HOHMANN & BARNARD" RB REBAR POSITIONER OR EQUAL).



DETAIL "A"

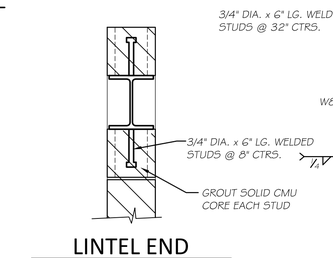
LINTEL SCHEDULE

NUMBER	MATERIAL	TYPE	BEARING	MASONRY OPENING	LENGTH	REMARKS
L-1	8" CONC. LINTEL BEAM W/ 2 - #5 BAR		8" (MIN.)	VARIES	VARIES	SEE DETAIL L-1 ON THIS SHEET
L-2	W8 x 18 W/ 7"x 1/4" THK. PLATE AND 1/2" DIA. x 6" LG. WELDED STUDS @ 32" CTRS.		8" (MIN.)	VARIES	VARIES	STEEL SECTION SHALL CONFORM TO ASTM A992 FULLY GROUT CMU CELLS BELOW END BEARING (SEE DETAILS ON SHEET THIS SHEET)



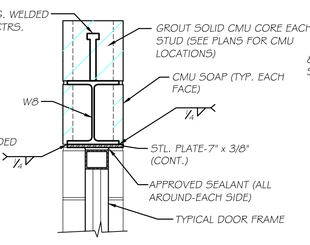
TYPICAL CONTINUOUS BAND AND QUOINING DETAIL

N.T.S.



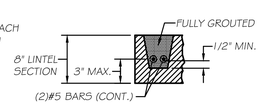
LINTEL END BEARING DETAIL

N.T.S.



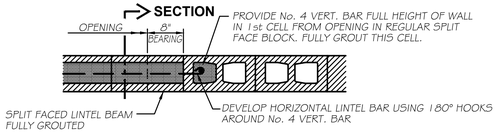
LINTEL DETAIL

N.T.S.



L-1 LINTEL DETAIL SECTION VIEW

N.T.S.



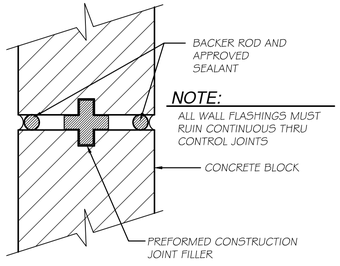
CMU LINTEL DETAIL - PLAN VIEW

N.T.S.

BAR LAP SPLICE TABLE

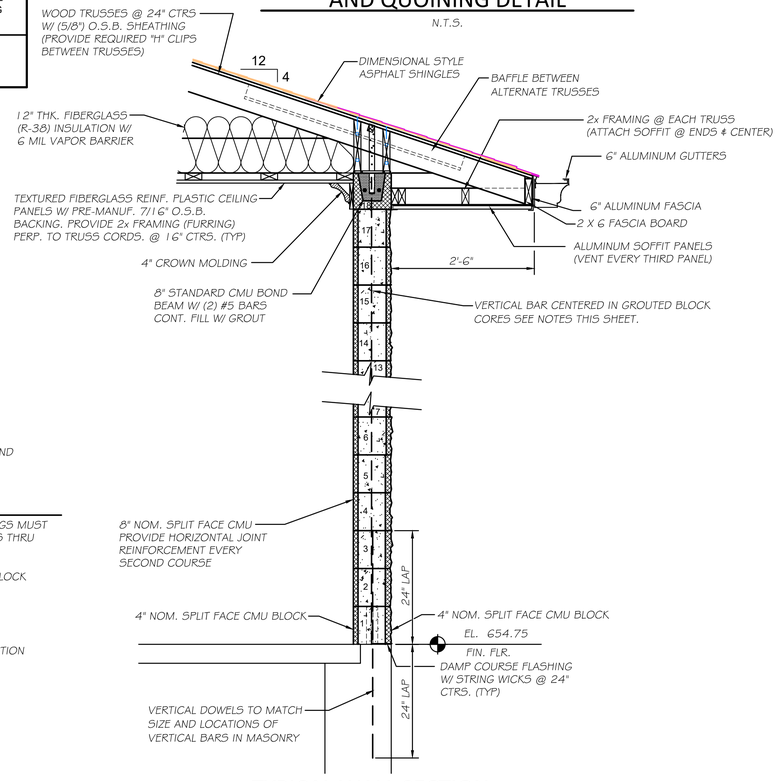
UNLESS NOTED OTHERWISE, THE FOLLOWING LAP SPLICE LENGTHS SHALL BE USED FOR PLAIN AND EPOXY COATED BARS:

BAR SIZE	LAP LENGTH
# 4	2'-0"
# 5	2'-4"
# 6	2'-10"
# 7	4'-2"
# 8	4'-8"



CONTROL JOINT DETAIL

N.T.S.



TYPICAL WALL SECTION

3/4" = 1'-0"

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PERU MORRIS
OTTAWA
ILLINOIS

VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

METERING BUILDING ARCHITECTURAL DETAILS, LINTEL SCHEDULE & DETAILS

BIDDING PLANS

CURRENT AS OF: 12/03/2025
SCALE: AS NOTED
SHEET 14
FILE NO.: 99055.00 Y–
OF 35

DOOR HARDWARE SCHEDULE

* ALL HARDWARE SHALL BE US32D STAINLESS STEEL BASE METAL W/ SATIN FINISH

GROUP NUMBER — DESCRIPTION

1
- (3) MORTISE TYPE, BUTT HINGES
- INTERIOR PANIC DEVICE, EXTERNAL SURFACE - GROOVED
- EXTERIOR LEVER HANDLE
- EXTERIOR CYLINDER LOCK (CONVENTIONAL WITH STOCK KEYWAY)
- CUSH CLOSER WITH HOLD OPEN
- PERIMETER WEATHER STRIP AND BOTTOM DOOR SWEEP
- ALUMINUM THRESHOLD

2 RIGHT LEAF
- (3) MORTISE TYPE, BUTT HINGES
- INTERIOR PANIC DEVICE, EXTERNAL SURFACE - GROOVED
- EXTERIOR LEVER HANDLE
- EXTERIOR CYLINDER LOCK (CONVENTIONAL WITH STOCK KEYWAY)
- CUSH CLOSER WITH HOLD OPEN
- PERIMETER WEATHER STRIP AND BOTTOM DOOR SWEEP
- ALUMINUM THRESHOLD

LEFT LEAF
- (3) MORTISE TYPE, BUTT HINGES
- INTERIOR PANIC DEVICE (EXIT ONLY), EXTERNAL SURFACE - GROOVED
- CUSH CLOSER WITH HOLD OPEN
- PERIMETER WEATHER STRIP AND BOTTOM DOOR SWEEP
- ALUMINUM THRESHOLD

DOOR NOTES:

1. ALL DOORS SHALL HAVE FLOOR OR WALL MOUNTED STOPS (UNLESS APPROVED OTHERWISE).
2. ALL DOOR SETS SHALL INCLUDE HEAVY-DUTY COMMERCIAL GRADE LEVER HANDLES.
3. DOOR LOCKS SHALL BE KEYED ALIKE AND MATCH OWNERS EXISTING MASTER KEY.
4. ALL EXTERIOR DOOR & FRAME GLAZING SHALL BE LAMINATED SAFETY GLASS UNLESS NOTED OTHERWISE.
5. ALL EXTERIOR DOORS WITH EXIT DEVICE SHALL FUNCTION AS FOLLOWS:
   A. KEY SHALL OPERATE LATCH. LEVER HANDLE RETRACTS LATCH EXCEPT WHEN LOCKED BY CYLINDER (INSIDE PANIC DEVICE ALWAYS OPERATES LATCH). LATCH DOGGING NOT REQUIRED.
6. ALL DOORS TO HAVE POLYURETHANE CORE. EXTERIOR DOORS TO HAVE AN R VALUE = 7 (MIN.).

GENERAL NOTES: (FINISHES)

1. ALL INTERIOR C.M.U. WALLS SHALL RECEIVE PAINTED FINISH OF TWO COATS OF EPOXY COATING (SEE SPECS)
2. WHERE TEXTURED FIBERGLASS REINFORCED PLASTIC CEILING PANELS W/ PRE-MANUFACTURED 7/16" O.S.B. BACKING ARE USED, PROVIDE (2x) FRAMING (FURRING) @ 16" CTRS.PERPENDICULAR TO TRUSS CORDS. APPLY COVE MOLDING ALONG PERIMETER.
3. THE CONTRACTOR SHALL VERIFY THAT ALL PENETRATIONS THRU WALLS AND CEILING ARE COMPLETLY SEALED. ALSO. COMPLETELY SEAL ALL CEILING JOINTS BENEATH PRE-MANUF. CEILING MOLDINGS & TRIM WITH APPROVED SEALANT.

ROOM FINISH SCHEDULE ---- METER BUILDING

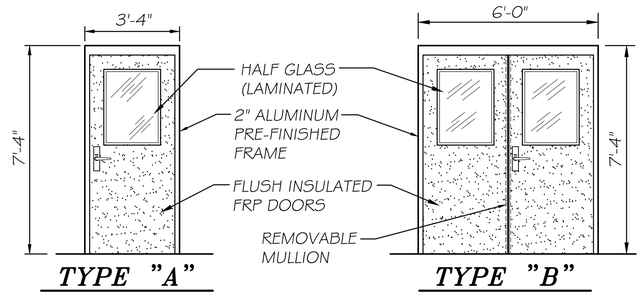
ROOM NAME	NORTH WALL		SOUTH WALL		EAST WALL		WEST WALL		FLOOR	BASE	CEILING		CEILING HEIGHT	REMARKS	ROOM NAME
	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH			MATERIAL	FINISH			
LAB ROOM	CMU	PNT	CMU	PNT	CMU	PNT	CMU	PNT	EPX	ROLLED COVE	FRP	PRE-FINISHED	11'-10"±		LAB ROOM
FUTURE CHEMICAL ROOM	CMU	PNT	CMU	PNT	CMU	PNT	CMU	PNT	EPX	ROLLED COVE	FRP	PRE-FINISHED	11'-10"±		FUTURE CHEMICAL ROOM
CHLORINE ROOM	CMU	PNT	CMU	PNT	CMU	PNT	CMU	PNT	EPX	ROLLED COVE	FRP	PRE-FINISHED	11'-10"±		CHLORINE ROOM

ROOM FINISH SCHEDULE ABBREVIATIONS:

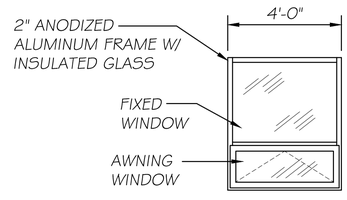
- PNT = PAINT
- CMU = CONCRETE MASONRY UNIT
- FRP = FIBER REINFORCED POLYMER
- EPX = EPOXY FLOOR SYSTEM WITH INTEGRAL COVE

DOOR SCHEDULE (METER BUILDING)

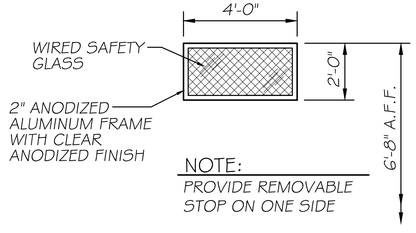
DOOR NO.	TYPE	SIZE	MATERIAL	FINISH	JAMBS		HARDWARE GROUP	KEY	REMARKS
					MATERIAL	FINISH			
(1)	A	3'-0"x 7'-0"x 1 3/4"	INSULATED FRP	PRE-FIN.	ALUMINUM	PRE-FIN.	1	-	
(2)	B	(2) 2'-10"± x 7'-0"x 1 3/4"	INSULATED FRP	PRE-FIN.	ALUMINUM	PRE-FIN.	2	-	
(3)	B	(2) 2'-10"± x 7'-0"x 1 3/4"	INSULATED FRP	PRE-FIN.	ALUMINUM	PRE-FIN.	2	-	
(4)	B	(2) 2'-10"± x 7'-0"x 1 3/4"	INSULATED FRP	PRE-FIN.	ALUMINUM	PRE-FIN.	2	-	



TYPE "A" TYPE "B"



EXTERIOR WINDOW



VIEWING WINDOW

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Drawing Name: C:\Users\SCM\99055-00-Dalzell-Peru Water Connection\C4D\015-BLDG SCHEDULES.dwg Last Modified: Wednesday, December 3, 2025 9:00:32 AM Plotted On: Wednesday, December 3, 2025 11:41:58 AM by Jonathon Covert

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CHECKED BY: RTB	LEVEL	BY	DATE	DESCRIPTION					SCALE: AS NOTED	SHEET 15
DATE: 07/2025									FILE NO.: 99055.00 Y–	OF 35



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DATE: 07/2025					PLAN & PROFILE INDEX SHEET

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BIDDING PLANS

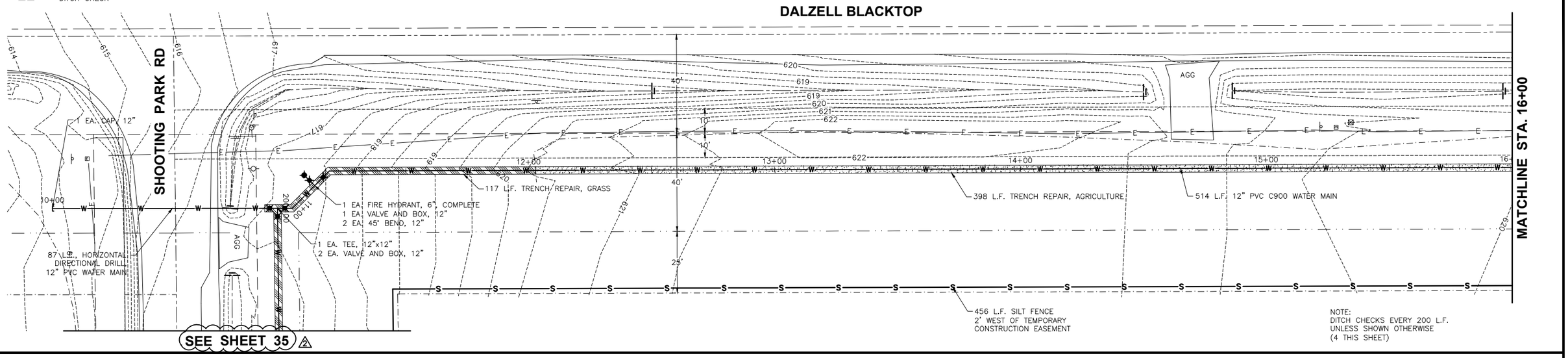
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SCALE: AS NOTED	SHEET	16	
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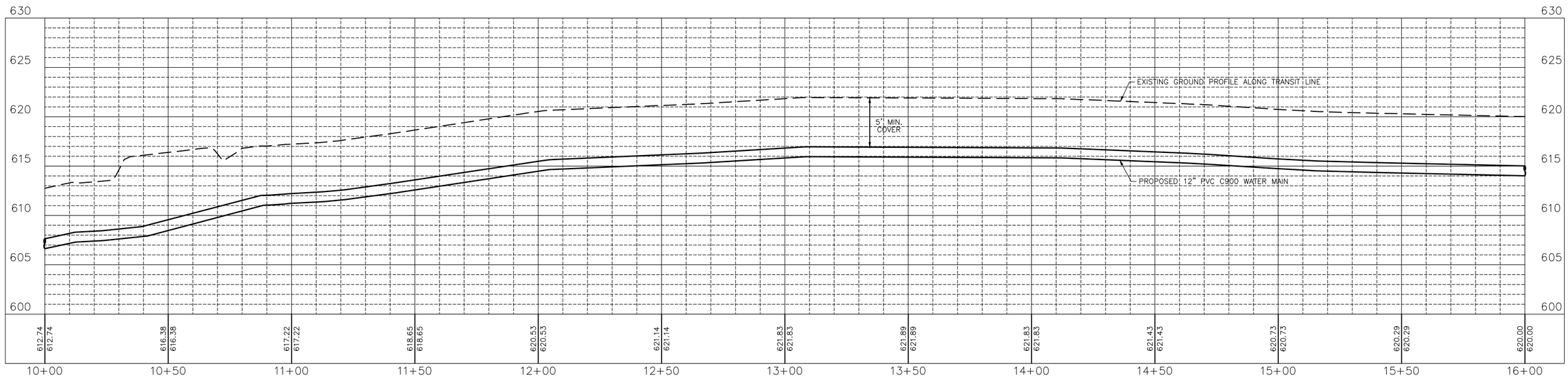
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- PERMANENT PUBLIC UTILITY EASEMENT
- R.O.W. LINE
- EXISTING ELECTRIC EASEMENT
- U.S. GOVERNMENT SUBDIVISION LINE
- PROPOSED WATER MAIN
- CENTERLINE OF ROAD
- CROP LINE
- SILT FENCE
- DITCH CHECK

ALL UNDERGROUND PIPING, ELECTRICAL, OR COMMUNICATIONS LINES SHOWN ON THIS SITE PLAN ARE NOT TO BE CONSIDERED ACCURATE. THE LINES SHOWN ARE LAID OUT FROM HISTORICAL DRAWINGS OF PAST PROJECTS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO GET ALL UNDERGROUND UTILITIES LOCATED BY WHAT EVER MEANS NECESSARY. THE OWNER OR ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR ANY LINE OR PIPE ENCOUNTERED THAT IS NOT INDICATED ON THIS OR ANY OTHER DRAWING FOR THIS PROJECT.

GRAPHIC SCALE
0 10 20
(IN FEET)



NOTE:
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(4 THIS SHEET)



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DATE: 07/2025	2	NV	01/13/26	ADDENDUM 2	PLAN & PROFILE STA. 10+00 TO STA. 16+00

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BIDDING PLANS

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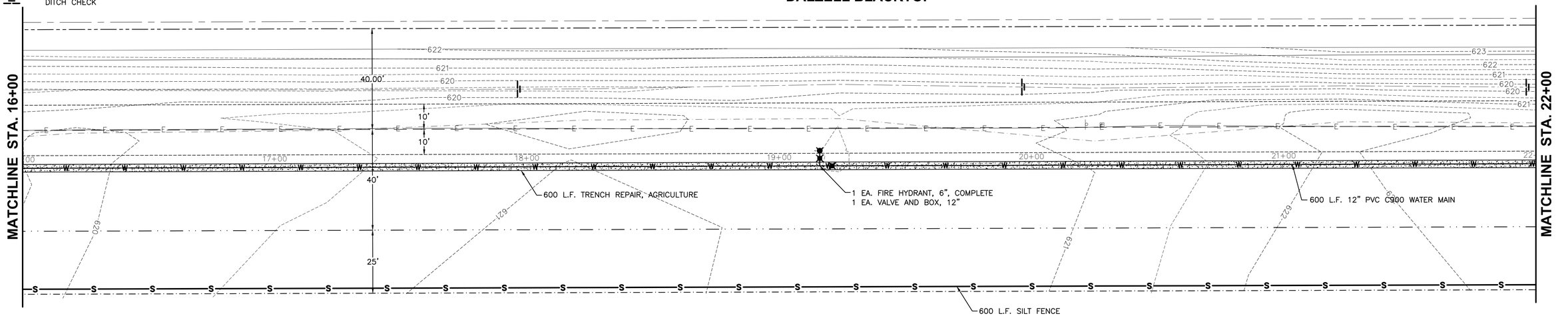
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- TEMPORARY CONSTRUCTION EASEMENT
- PERMANENT PUBLIC UTILITY EASEMENT
- R.O.W. LINE
- EXISTING ELECTRIC EASEMENT
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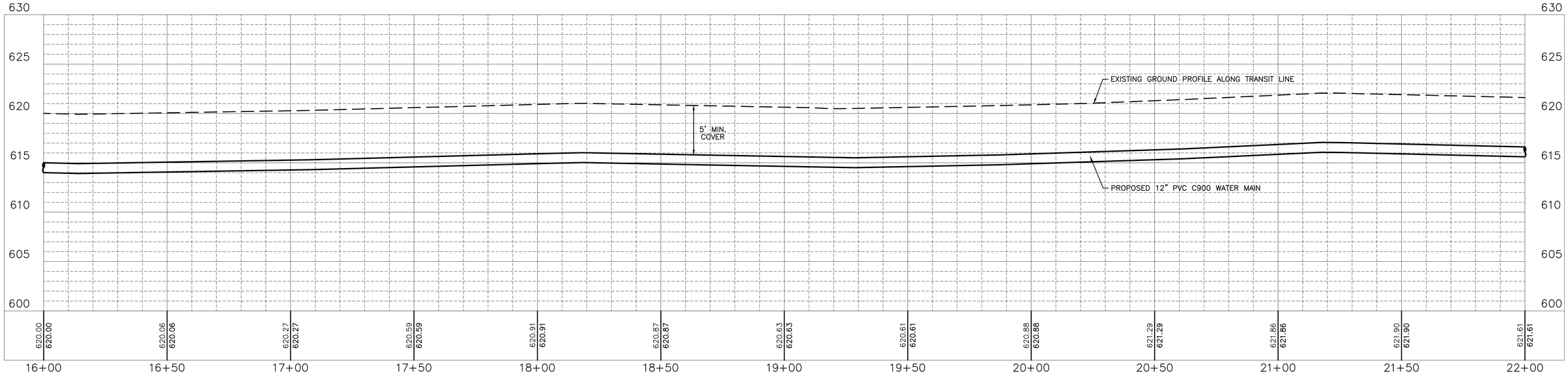
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GRAPHIC SCALE
0 10 20
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DALZELL BLACKTOP



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ILLINOIS

VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

PLAN & PROFILE
STA. 16+00 TO STA. 22+00

BIDDING PLANS

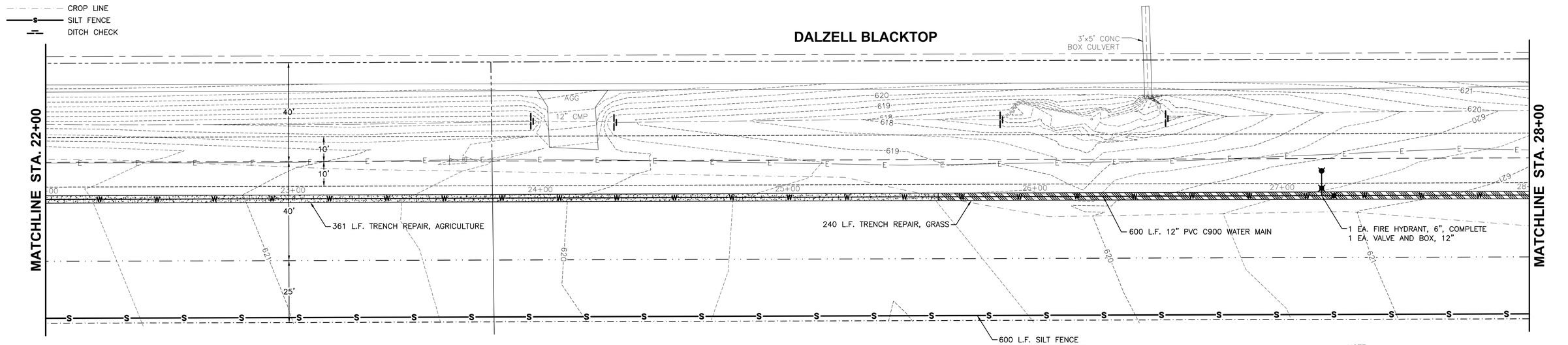
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FILE NO.: 99055.00 Y–	OF 35

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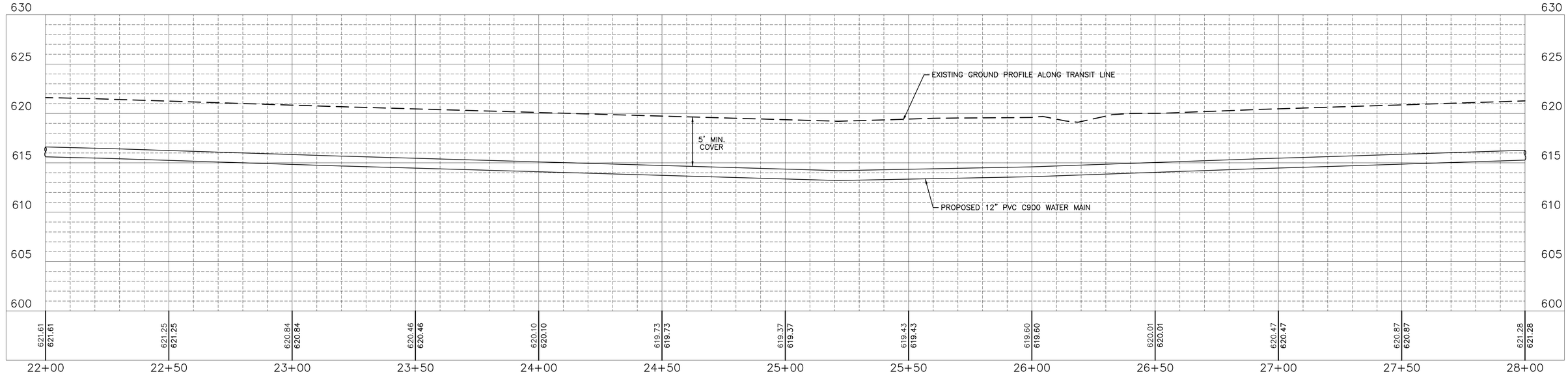
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- PERMANENT PUBLIC UTILITY EASEMENT
- R.O.W. LINE
- EXISTING ELECTRIC EASEMENT
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VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

PLAN & PROFILE
STA. 22+00 TO STA. 28+00

BIDDING PLANS

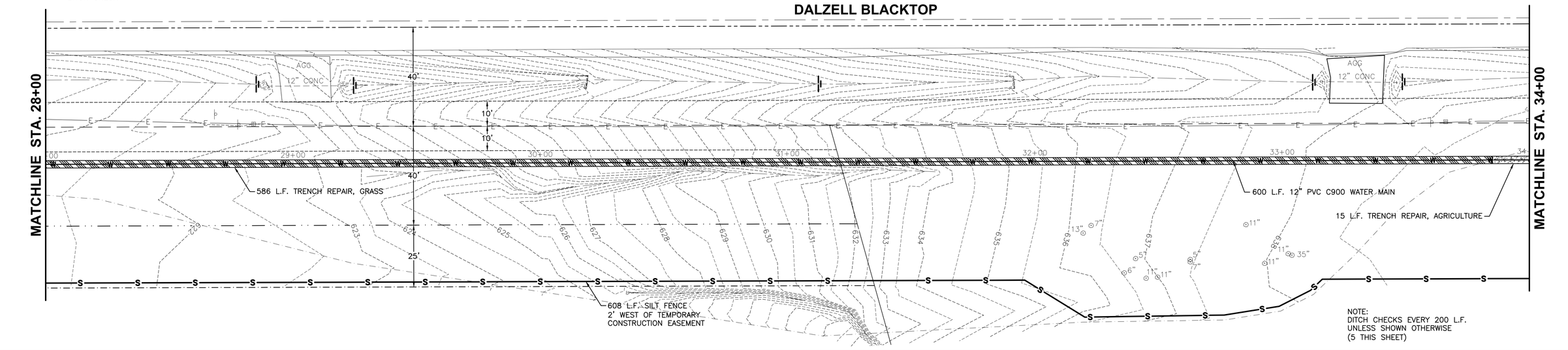
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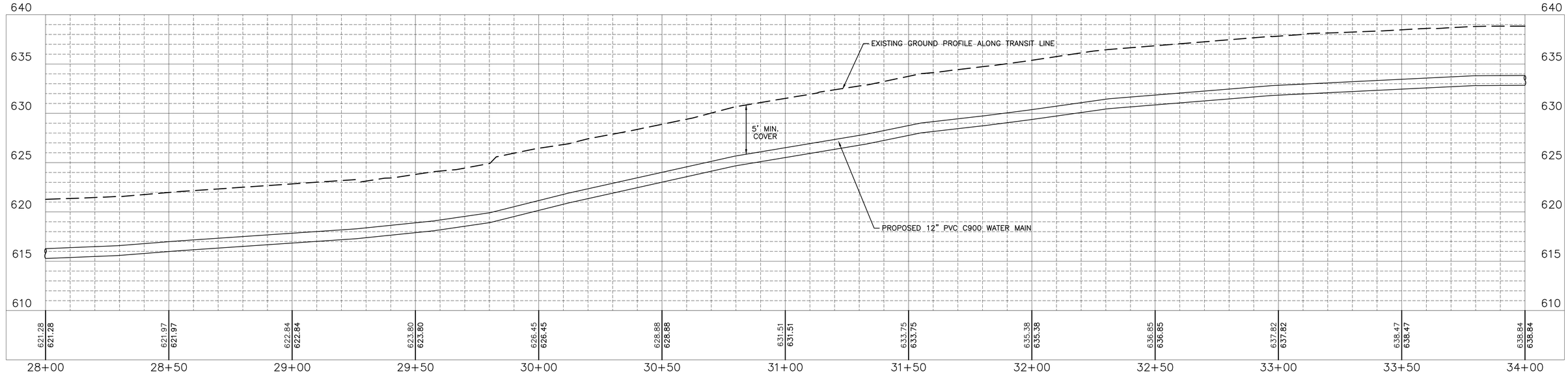
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- PERMANENT PUBLIC UTILITY EASEMENT
- R.O.W. LINE
- EXISTING ELECTRIC EASEMENT
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GRAPHIC SCALE
0 10 20
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VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

PLAN & PROFILE
STA. 28+00 TO STA. 34+00

BIDDING PLANS

CURRENT AS OF: 12/03/2025
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SHEET 20
FILE NO.: 99055.00 Y–
OF 35

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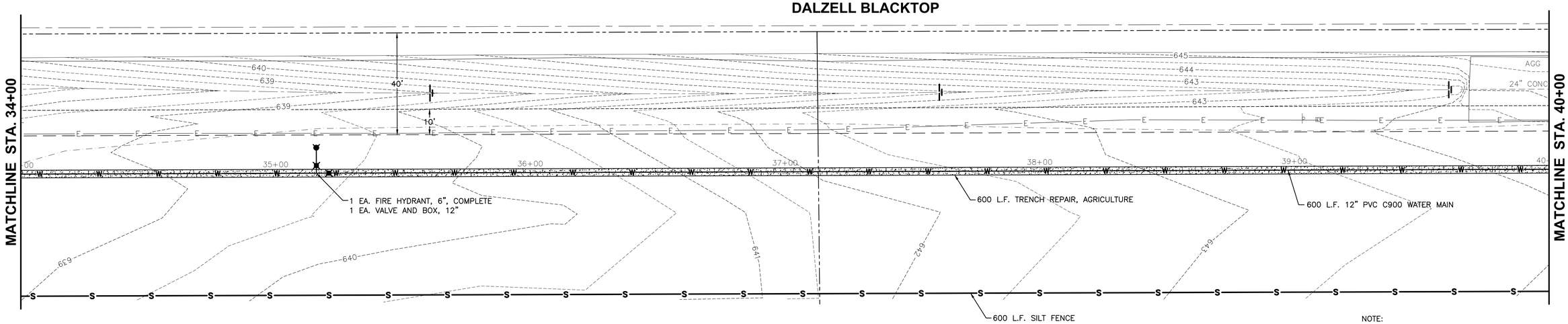
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- TEMPORARY CONSTRUCTION EASEMENT
- PERMANENT PUBLIC UTILITY EASEMENT
- R.O.W. LINE
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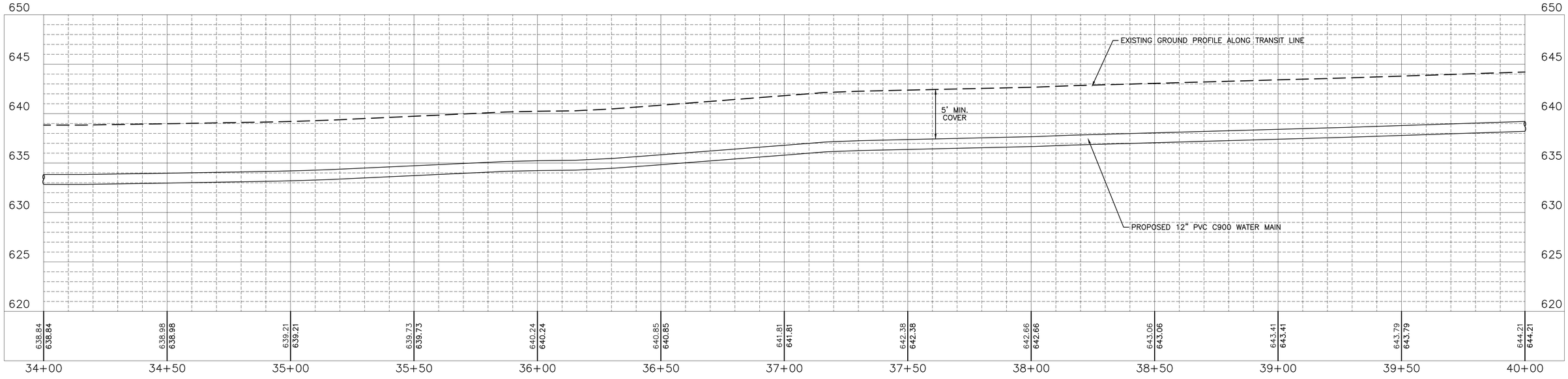
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GRAPHIC SCALE
0 10 20
(IN FEET)

DALZELL BLACKTOP



NOTE:
DITCH CHECKS EVERY 200 L.F.
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REVISIONS

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OTTAWA
ILLINOIS

VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

PLAN & PROFILE
STA. 34+00 TO STA. 40+00

BIDDING PLANS

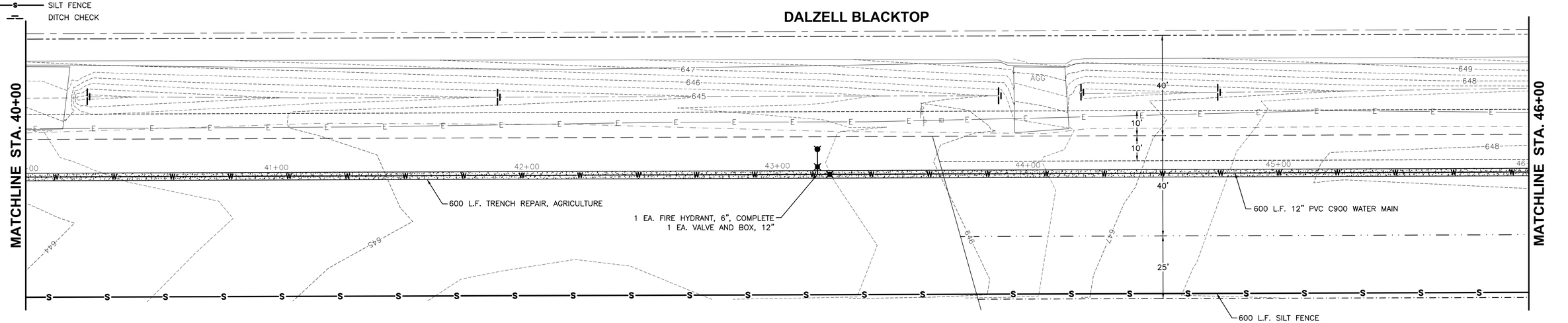
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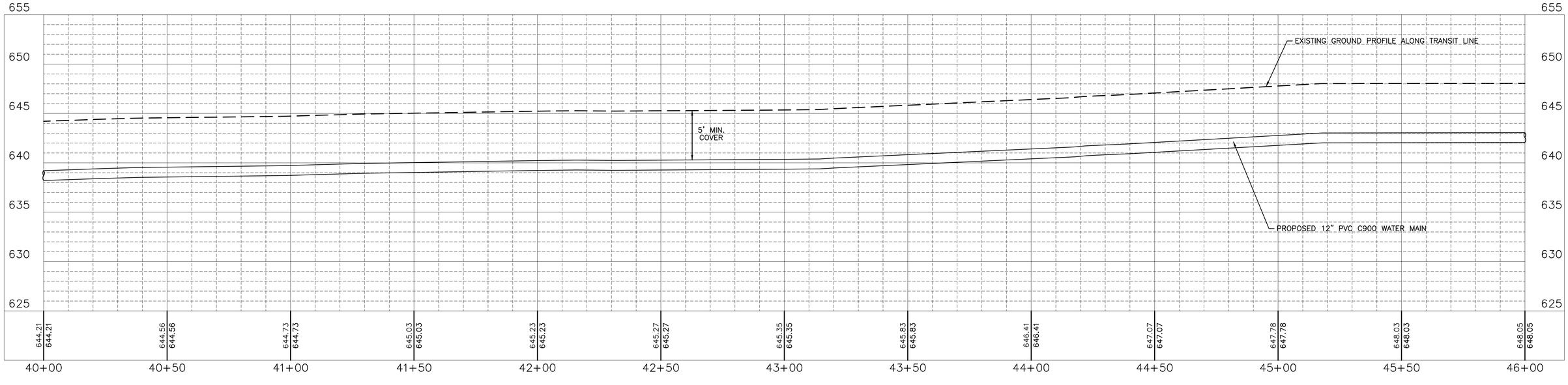
- TEMPORARY CONSTRUCTION EASEMENT
- PERMANENT PUBLIC UTILITY EASEMENT
- R.O.W. LINE
- EXISTING ELECTRIC EASEMENT
- U.S. GOVERNMENT SUBDIVISION LINE
- PROPOSED WATER MAIN
- CENTERLINE OF ROAD
- CROP LINE
- SILT FENCE
- DITCH CHECK

ALL UNDERGROUND PIPING, ELECTRICAL, OR COMMUNICATIONS LINES SHOWN ON THIS SITE PLAN ARE NOT TO BE CONSIDERED ACCURATE. THE LINES SHOWN ARE LAID OUT FROM HISTORICAL DRAWINGS OF PAST PROJECTS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO GET ALL UNDERGROUND UTILITIES LOCATED BY WHAT EVER MEANS NECESSARY. THE OWNER OR ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR ANY LINE OR PIPE ENCOUNTERED THAT IS NOT INDICATED ON THIS OR ANY OTHER DRAWING FOR THIS PROJECT.

GRAPHIC SCALE
0 10 20
(IN FEET)



NOTE:
DITCH CHECKS EVERY 200 L.F.
UNLESS SHOWN OTHERWISE
(5 THIS SHEET)



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CHECKED BY: RTB	LEVEL / BY / DATE / DESCRIPTION		
DATE: 07/2025			

Chamlin & Associates

PERU MORRIS
OTTAWA
ILLINOIS

VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

PLAN & PROFILE
STA. 40+00 TO STA. 46+00

BIDDING PLANS

CURRENT AS OF: 12/03/2025
SCALE: AS NOTED | SHEET 22
FILE NO.: 99055.00 Y– | OF 35

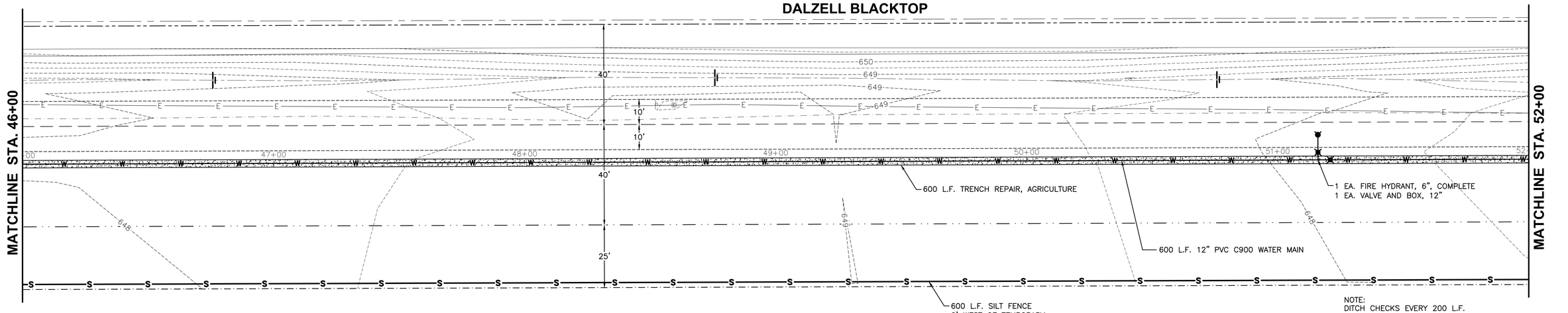
CHAMLIN & ASSOCIATES, INC. © 2022
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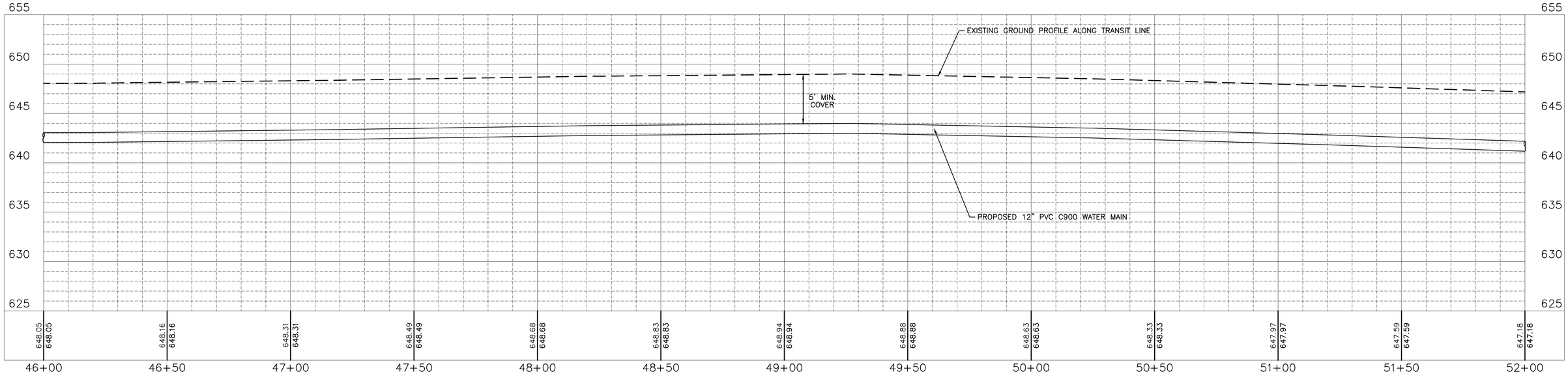
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- TEMPORARY CONSTRUCTION EASEMENT
- PERMANENT PUBLIC UTILITY EASEMENT
- R.O.W. LINE
- EXISTING ELECTRIC EASEMENT
- U.S. GOVERNMENT SUBDIVISION LINE
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CHECKED BY: RTB	LEVEL	BY	DATE	DESCRIPTION
DATE: 07/2025				

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OTTAWA
ILLINOIS

VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

PLAN & PROFILE
STA. 46+00 TO STA. 52+00

BIDDING PLANS

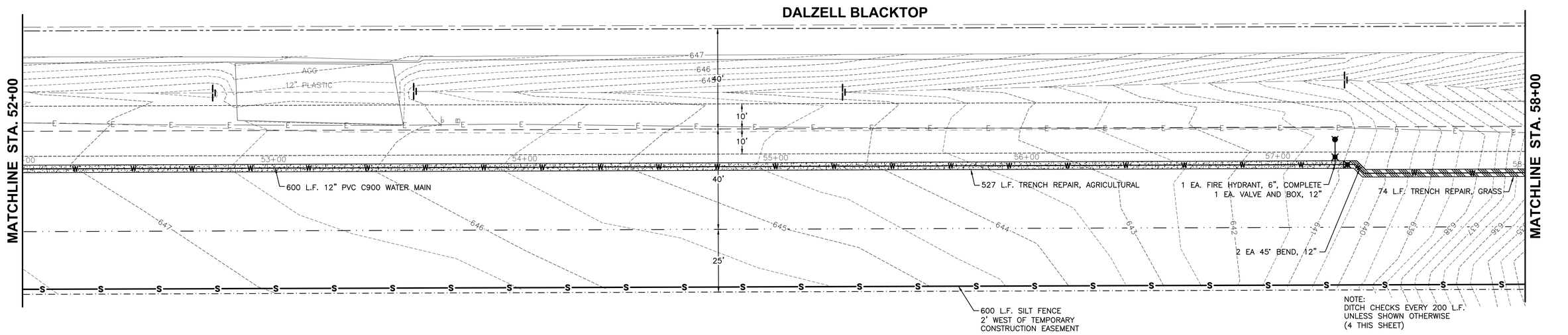
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SCALE: AS NOTED	SHEET 23
FILE NO.: 99055.00 Y–	OF 35

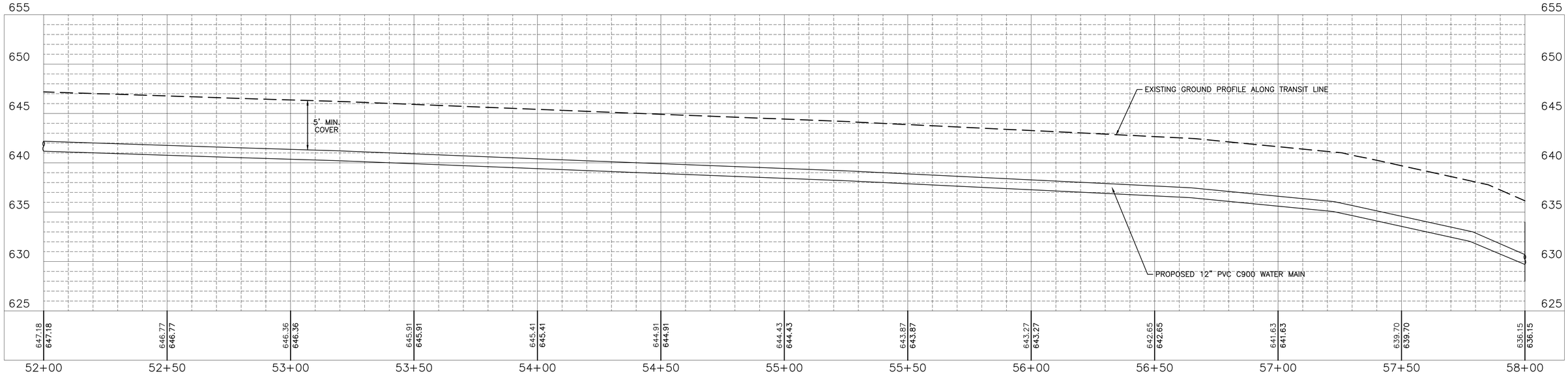
LEGEND

- TEMPORARY CONSTRUCTION EASEMENT
- PERMANENT PUBLIC UTILITY EASEMENT
- R.O.W. LINE
- EXISTING ELECTRIC EASEMENT
- U.S. GOVERNMENT SUBDIVISION LINE
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ALL UNDERGROUND PIPING, ELECTRICAL, OR COMMUNICATIONS LINES SHOWN ON THIS SITE PLAN ARE NOT TO BE CONSIDERED ACCURATE. THE LINES SHOWN ARE LAID OUT FROM HISTORICAL DRAWINGS OF PAST PROJECTS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO GET ALL UNDERGROUND UTILITIES LOCATED BY WHAT EVER MEANS NECESSARY. THE OWNER OR ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR ANY LINE OR PIPE ENCOUNTERED THAT IS NOT INDICATED ON THIS OR ANY OTHER DRAWING FOR THIS PROJECT.

GRAPHIC SCALE
0 10 20
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DRAWN BY: SCM	
CHECKED BY: RTB	
DATE: 07/2025	

REVISIONS			
LEVEL	BY	DATE	DESCRIPTION

Chamlin & Associates

PERU MORRIS
OTTAWA
ILLINOIS

VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

PLAN & PROFILE
STA. 52+00 TO STA. 58+00

BIDDING PLANS

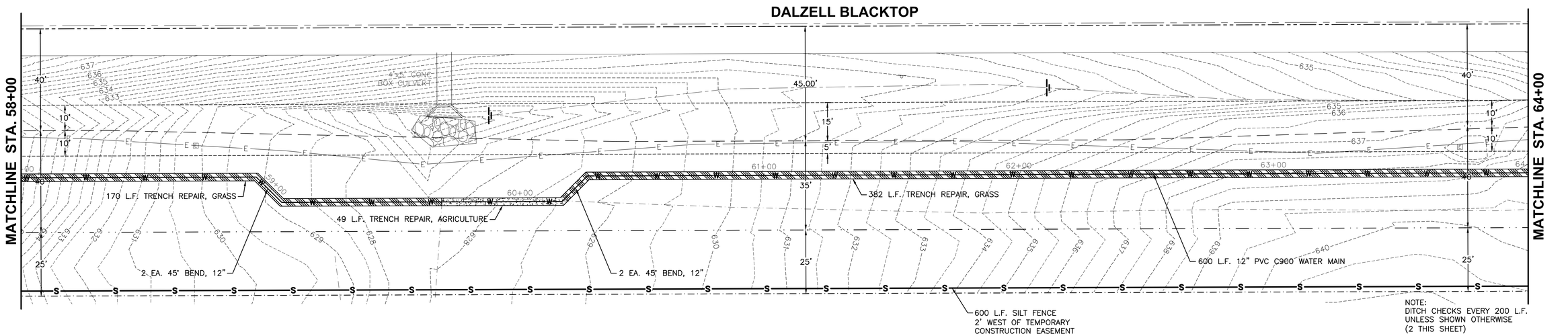
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SCALE: AS NOTED	SHEET 24
FILE NO.: 99055.00 Y–	OF 35

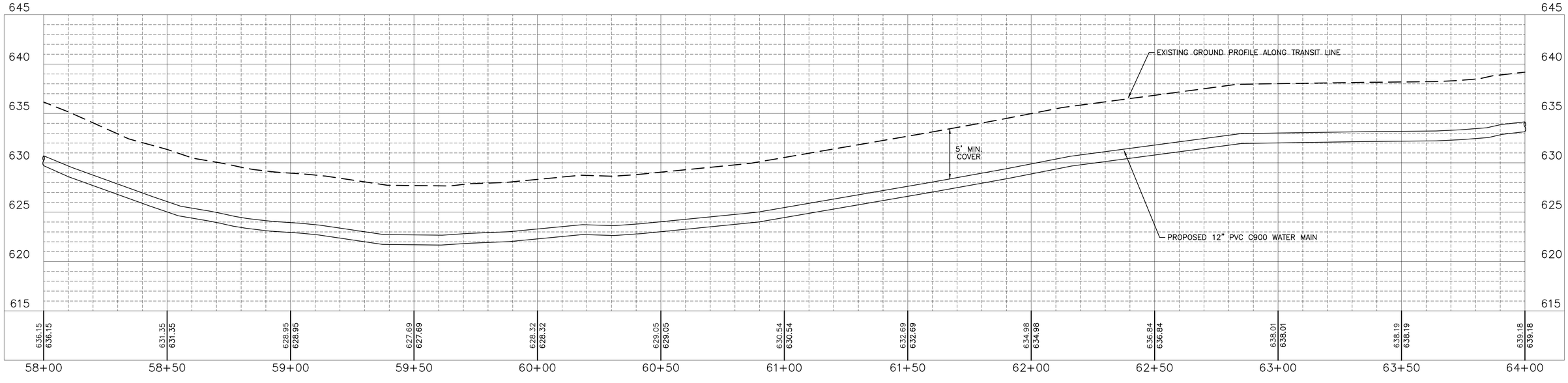
LEGEND

- TEMPORARY CONSTRUCTION EASEMENT
- PERMANENT PUBLIC UTILITY EASEMENT
- R.O.W. LINE
- EXISTING ELECTRIC EASEMENT
- U.S. GOVERNMENT SUBDIVISION LINE
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GRAPHIC SCALE
0 10 20
(IN FEET)





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DRAWN BY: SCM
CHECKED BY: RTB
DATE: 07/2025

REVISIONS			
LEVEL	BY	DATE	DESCRIPTION

Chamlin & Associates
PERU MORRIS
OTTAWA
ILLINOIS

VILLAGE CITY OF DALZELL
DALZELL - PERU WATER CONNECTION

PLAN & PROFILE
STA. 58+00 TO STA. 64+00

BIDDING PLANS

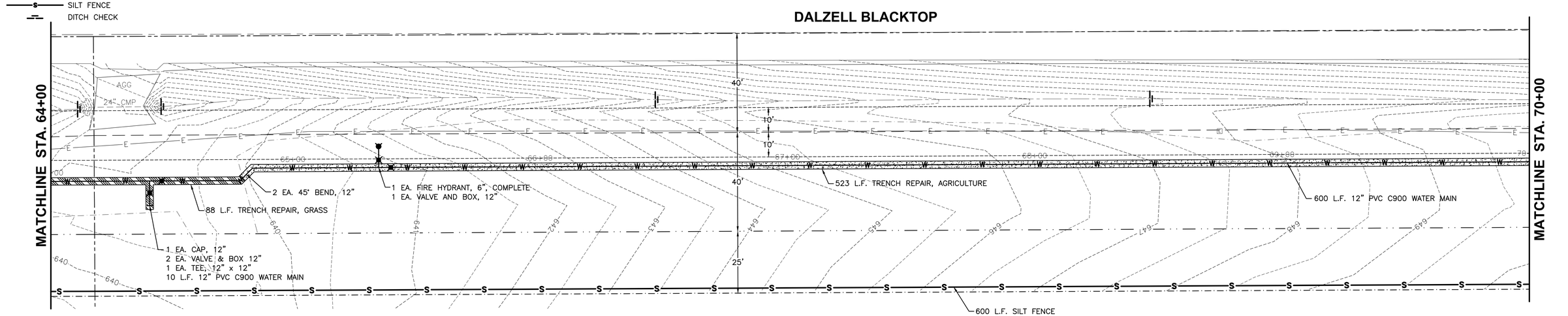
CURRENT AS OF: 12/03/2025
SCALE: AS NOTED
SHEET 25
FILE NO.: 99055.00 Y–
OF 35

LEGEND

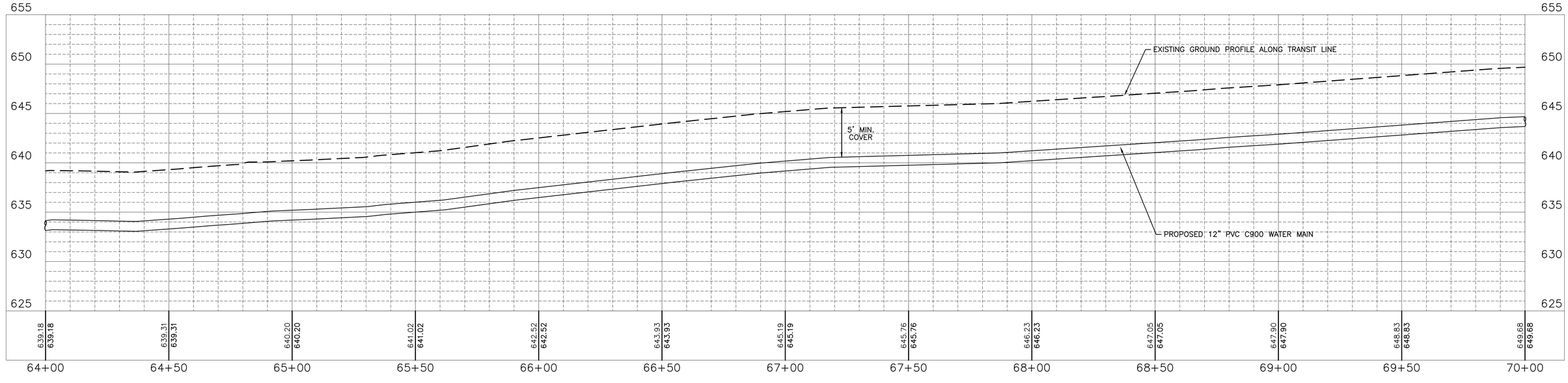
- TEMPORARY CONSTRUCTION EASEMENT
- PERMANENT PUBLIC UTILITY EASEMENT
- R.O.W. LINE
- EXISTING ELECTRIC EASEMENT
- U.S. GOVERNMENT SUBDIVISION LINE
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GRAPHIC SCALE
0 10 20
(IN FEET)



NOTE:
DITCH CHECKS EVERY 200 L.F.
UNLESS SHOWN OTHERWISE
(4 THIS SHEET)



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Drawing Name: G:\Users\VSM\99055-00-Dalzell-Peru Water Connection\C4D\026-PP-64-70.dwg Last Modified: Wednesday, December 3, 2025 9:17:52 AM Plotted On: Wednesday, December 3, 2025 1:08:04 PM by Jonathon Covert

DRAWN BY: SCM	REVISIONS			
CHECKED BY: RTB	LEVEL	BY	DATE	DESCRIPTION
DATE: 07/2025				

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OTTAWA MENDOTA
ILLINOIS

VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

PLAN & PROFILE
STA. 64+00 TO STA. 70+00

BIDDING PLANS

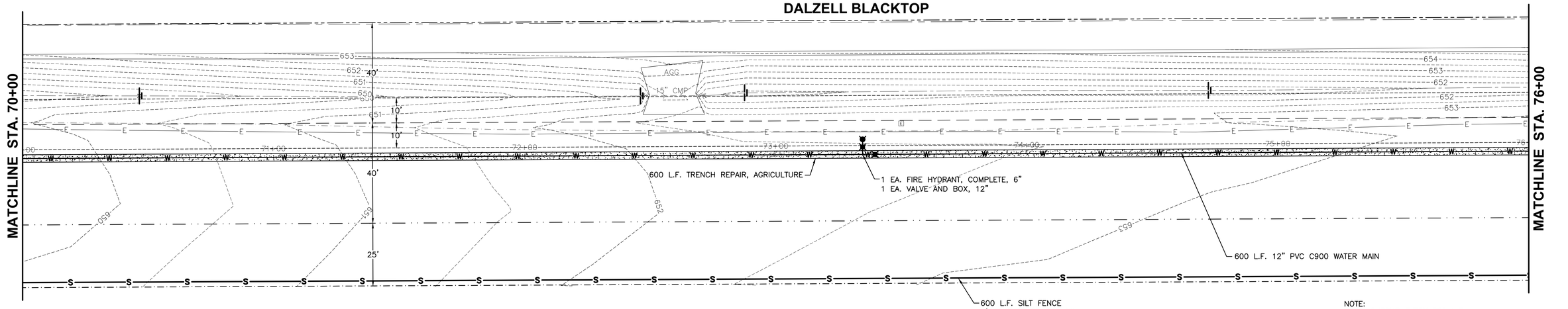
CURRENT AS OF: 12/03/2025
SCALE: AS NOTED
SHEET 26
FILE NO.: 99055.00 Y–
OF 35

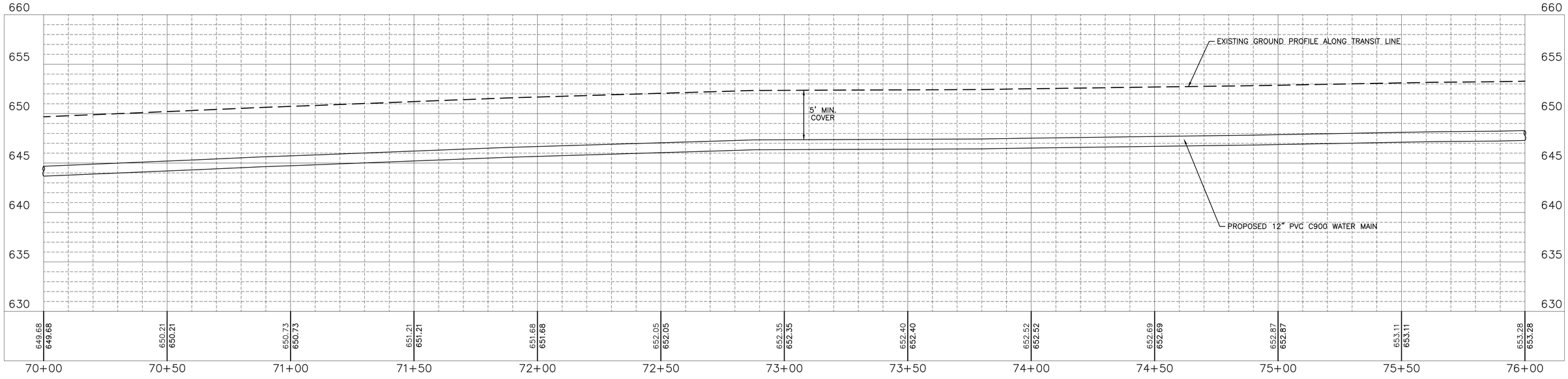
LEGEND

- TEMPORARY CONSTRUCTION EASEMENT
- PERMANENT PUBLIC UTILITY EASEMENT
- R.O.W. LINE
- EXISTING ELECTRIC EASEMENT
- U.S. GOVERNMENT SUBDIVISION LINE
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GRAPHIC SCALE
0 10 20
(IN FEET)





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CHECKED BY: RTB	LEVEL / BY / DATE / DESCRIPTION		
DATE: 07/2025			

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PERU MORRIS
OTTAWA
ILLINOIS

VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

PLAN & PROFILE
STA. 70+00 TO STA. 76+00

BIDDING PLANS

CURRENT AS OF: 12/03/2025
SCALE: AS NOTED | SHEET 27
FILE NO.: 99055.00 Y– | OF 35

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Drawing Name: C:\Users\SVB\99055-00-Dalzell-Peru Water Connection\CAD\027-PP-70-76.dwg Last Modified: Wednesday, December 3, 2025 9:18:49 AM Plotted On: Wednesday, December 3, 2025 1:09:03 PM by Jonathon Covert

LEGEND

- TEMPORARY CONSTRUCTION EASEMENT
- PERMANENT PUBLIC UTILITY EASEMENT
- R.O.W. LINE
- EXISTING ELECTRIC EASEMENT
- U.S. GOVERNMENT SUBDIVISION LINE
- PROPOSED WATER MAIN
- CENTERLINE OF ROAD
- CROP LINE
- SILT FENCE
- DITCH CHECK

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GRAPHIC SCALE
0 10 20
(IN FEET)

DALZELL BLACKTOP

MATCHLINE STA. 76+00

191 L.F. TRENCH REPAIR, AGRICULTURE

600 L.F. PROPOSED 12" PVC C900 WATER MAIN

2 EA. 45° BEND, 12"

200 L.F. TRENCH REPAIR, GRASS

EXISTING SANITARY MANHOLE
RIM = 653.20
INV. E.= 648.00 (6")
INV. S.= 646.80 (6")
INV. W.= 645.80 (8")
INV. N.= 646.00 (4")

1 EA. FIRE HYDRANT, 6", COMPLETE
1 EA. VALVE AND BOX, 12"

EXISTING SANITARY SERVICE TO BE LOCATED BY CONTRACTOR

1 SANITARY SERVICE CLEANOUT COMPLETE (SEE SHEET 4 FOR DETAIL)

420 L.F. SILT FENCE 2' WEST OF TEMPORARY CONSTRUCTION EASEMENT

WATER SERVICE TO CHURCH TO BE LOCATED BY CONTRACTOR

2 EA. 45° BEND, 12"

256 L.F. 6" SDR26 SANITARY SERVICE

48 L.F. TRENCH REPAIR, GRASS

5 L.F. TRENCH REPAIR, CONCRETE

1 EA. CAP, 10"
1 EA. 90° BEND, 10"

74 L.F. TRENCH REPAIR, CLASS D PATCH

WATER SERVICE TO CHURCH TO BE LOCATED BY CONTRACTOR

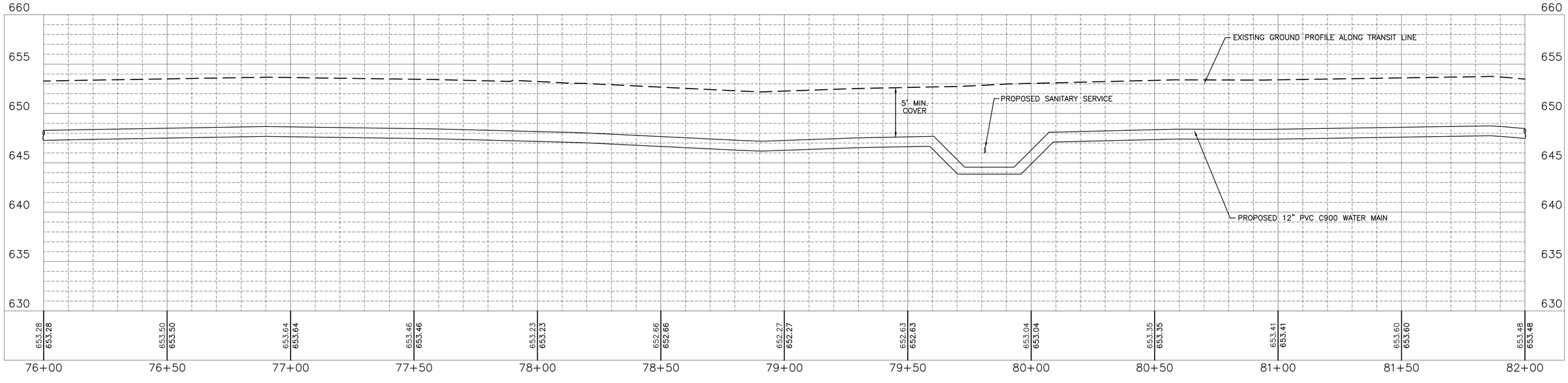
210 L.F. TRENCH REPAIR, CLASS D PATCH

77 L.F. PROPOSED 10" PVC C900 WATER MAIN
CONNECTION TO DALZELL DIST. SYSTEM
FINAL CONNECTION BY OTHERS

208 L.F. TRENCH REPAIR, CLASS D PATCH

MATCHLINE STA. 82+00

NOTE:
DITCH CHECKS EVERY 200 L.F.
UNLESS SHOWN OTHERWISE
(4 THIS SHEET)



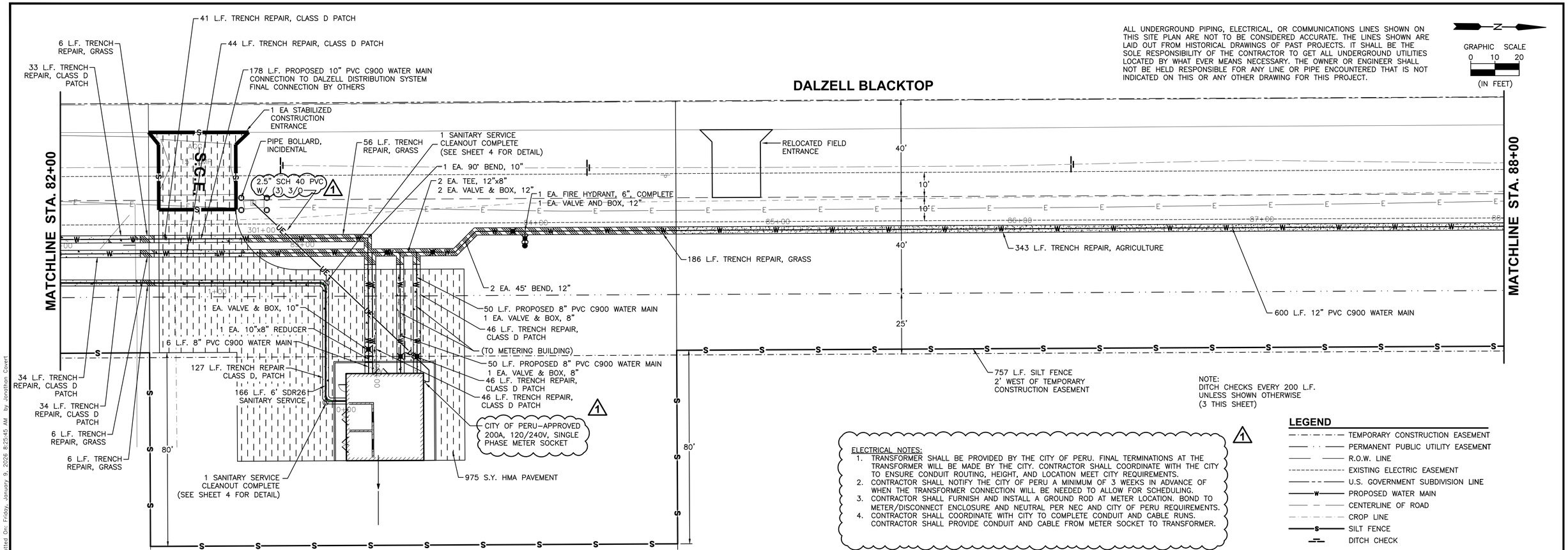
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CHECKED BY: RTB	LEVEL / BY / DATE / DESCRIPTION			VILLAGE OF DALZELL DALZELL - PERU WATER CONNECTION
DATE: 07/2025				PLAN & PROFILE STA. 76+00 TO STA. 82+00

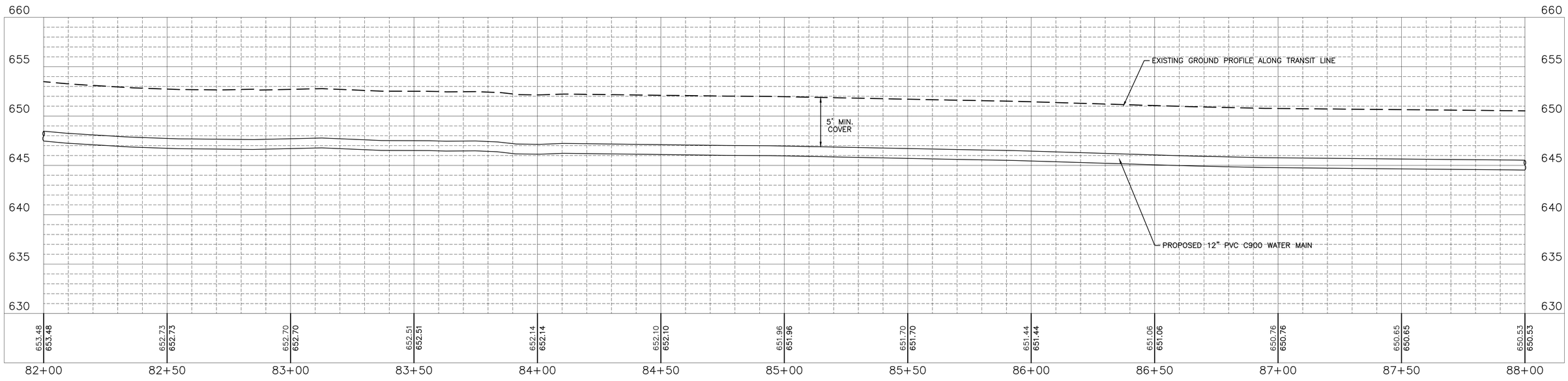
Chamlin & Associates

BIDDING PLANS

CURRENT AS OF: 12/03/2025
SCALE: AS NOTED | SHEET 28
FILE NO.: 99055.00 Y– | OF 35

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Drawing Name: C:\Users\VV99055-00-Dalzell-Peru Water Connection\C4D\028-PP-76-82.dwg Last Modified: Wednesday, December 3, 2025 9:23:27 AM Plotted On: Wednesday, December 3, 2025 1:10:32 PM by Jonathon Covert





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CHECKED BY: RTB	LEVEL	BY	DATE	DESCRIPTION
DATE: 07/2025	1	JJC	01/08/26	ADDENDUM No. 2

Chamlin & Associates

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

PLAN & PROFILE
STA. 82+00 TO STA. 88+00

BIDDING PLANS

CURRENT AS OF: 12/03/2025
SCALE: AS NOTED
SHEET 29
FILE NO.: 99055.00 Y–
OF 35

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Drawing Name: G:\Users\VJ\99055-00- Dalzell - Peru Water Connection\CAD\029 - PP - 82 - 88.dwg Last Modified: Friday, January 9, 2026 8:20:56 AM by Jonathan Covert Plotted On: Friday, January 9, 2026 8:25:45 AM by Jonathan Covert

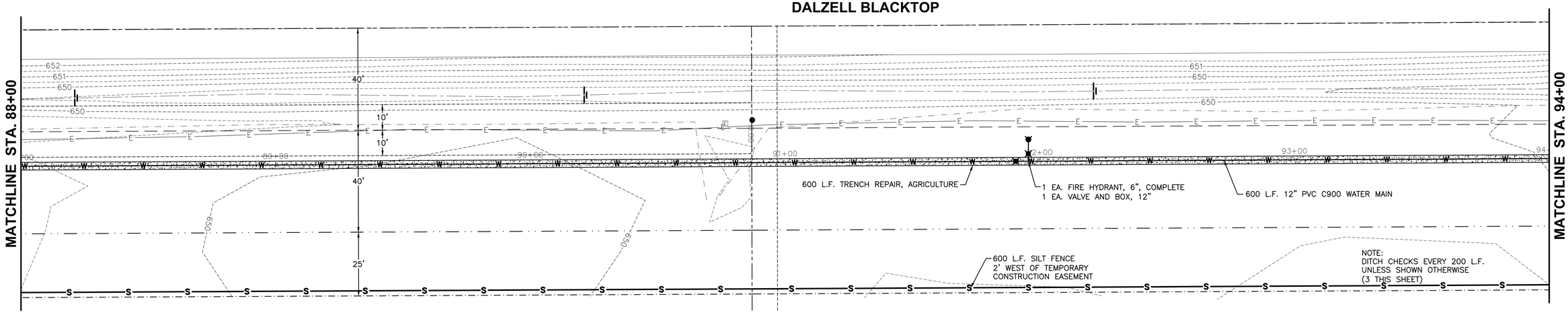
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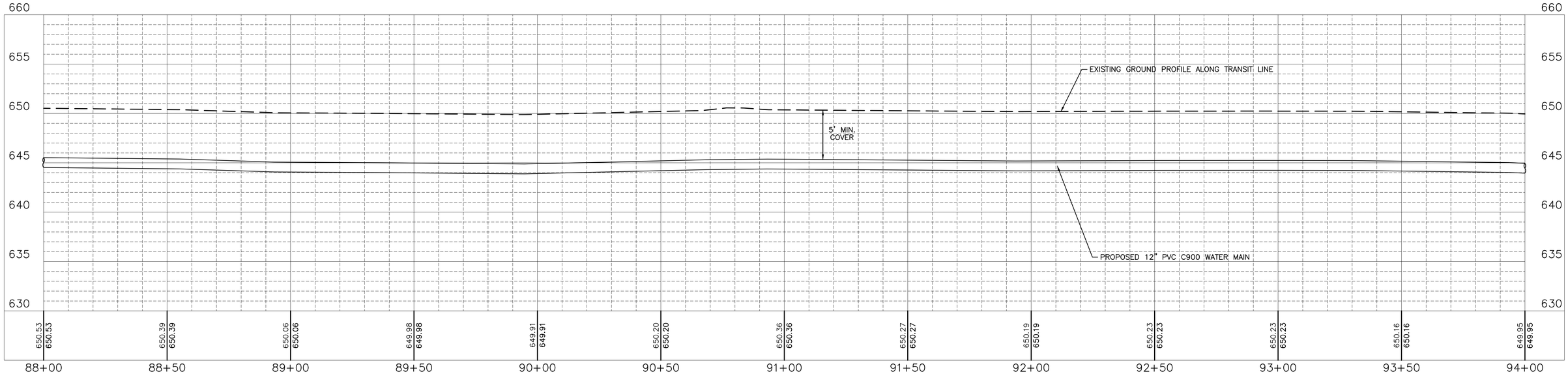
- TEMPORARY CONSTRUCTION EASEMENT
- PERMANENT PUBLIC UTILITY EASEMENT
- R.O.W. LINE
- EXISTING ELECTRIC EASEMENT
- U.S. GOVERNMENT SUBDIVISION LINE
- PROPOSED WATER MAIN
- CENTERLINE OF ROAD
- CROP LINE
- SILT FENCE
- DITCH CHECK

ALL UNDERGROUND PIPING, ELECTRICAL, OR COMMUNICATIONS LINES SHOWN ON THIS SITE PLAN ARE NOT TO BE CONSIDERED ACCURATE. THE LINES SHOWN ARE LAID OUT FROM HISTORICAL DRAWINGS OF PAST PROJECTS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO GET ALL UNDERGROUND UTILITIES LOCATED BY WHAT EVER MEANS NECESSARY. THE OWNER OR ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR ANY LINE OR PIPE ENCOUNTERED THAT IS NOT INDICATED ON THIS OR ANY OTHER DRAWING FOR THIS PROJECT.

GRAPHIC SCALE
0 10 20
(IN FEET)

DALZELL BLACKTOP





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Drawing Name: C:\Users\SVB\99055-00-Dalzell-Peru Water Connection\CAD\030-PP-88-94.dwg Last Modified: Wednesday, December 3, 2025 9:24:58 AM Plotted On: Wednesday, December 3, 2025 1:14:28 PM by Jonathon Covert

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CHECKED BY: RTB	LEVEL	BY	DATE	DESCRIPTION
DATE: 07/2025				

Chamlin & Associates

PERU MORRIS
OTTAWA
ILLINOIS

VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

PLAN & PROFILE
STA. 88+00 TO STA. 94+00

BIDDING PLANS

CURRENT AS OF: 12/03/2025
SCALE: AS NOTED
SHEET 30
FILE NO.: 99055.00 Y–
OF 35

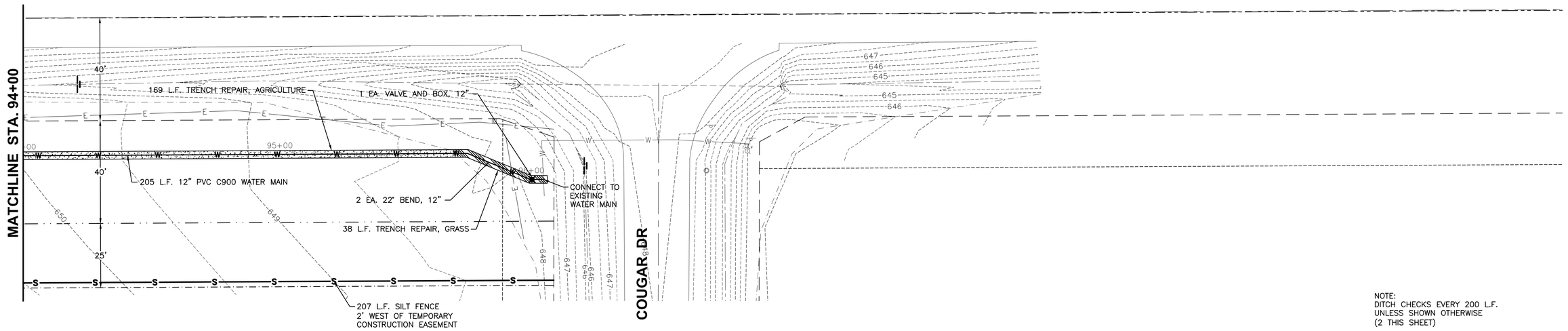
LEGEND

- TEMPORARY CONSTRUCTION EASEMENT
- PERMANENT PUBLIC UTILITY EASEMENT
- R.O.W. LINE
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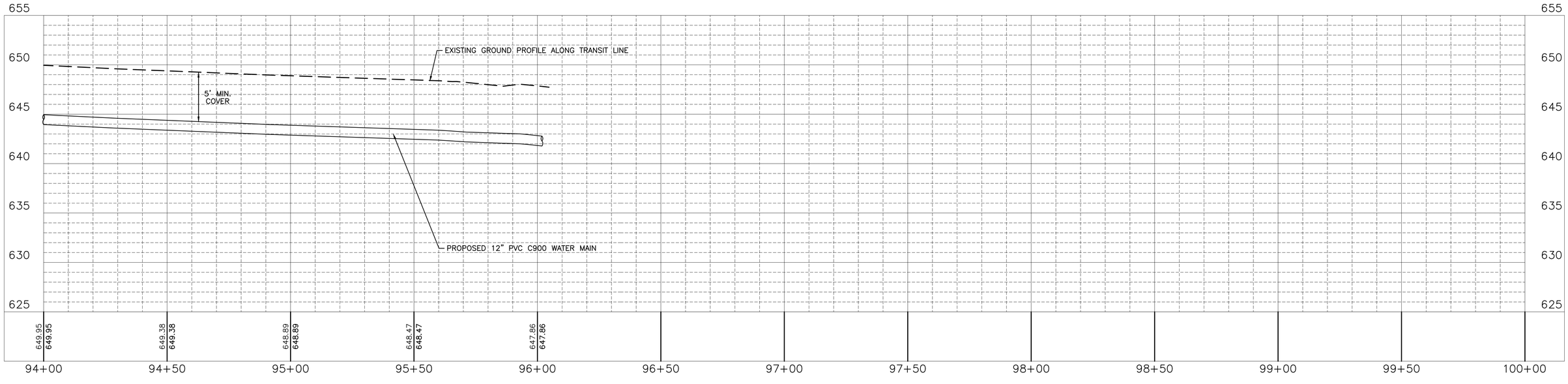
ALL UNDERGROUND PIPING, ELECTRICAL, OR COMMUNICATIONS LINES SHOWN ON THIS SITE PLAN ARE NOT TO BE CONSIDERED ACCURATE. THE LINES SHOWN ARE LAID OUT FROM HISTORICAL DRAWINGS OF PAST PROJECTS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO GET ALL UNDERGROUND UTILITIES LOCATED BY WHAT EVER MEANS NECESSARY. THE OWNER OR ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR ANY LINE OR PIPE ENCOUNTERED THAT IS NOT INDICATED ON THIS OR ANY OTHER DRAWING FOR THIS PROJECT.

GRAPHIC SCALE
0 10 20
(IN FEET)

DALZELL BLACKTOP



NOTE:
DITCH CHECKS EVERY 200 L.F.
UNLESS SHOWN OTHERWISE
(2 THIS SHEET)



DRAWN BY: SCM	REVISIONS			
CHECKED BY: RTB	LEVEL	BY	DATE	DESCRIPTION
DATE: 07/30				

Chamlin & Associates

PERU MORRIS
OTTAWA
ILLINOIS

CITY OF DALZELL
PERU WATER CONNECTION

PLAN & PROFILE
STA. 94+00 TO STA. 100+00

BIDDING PLANS

CURRENT AS OF: 12/03/2025
SCALE: AS NOTED
SHEET 31
FILE NO.: 99055.00 Y–
OF 35

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Drawing Name: G:\Users\99055-GC- Dalzell-Peru Water Connection\CAD\031-PP-94-100.dwg Last Modified: Wednesday, December 3, 2025 9:32:09 AM Plotted On: Wednesday, December 3, 2025 1:21:07 PM by Jonathon Covert

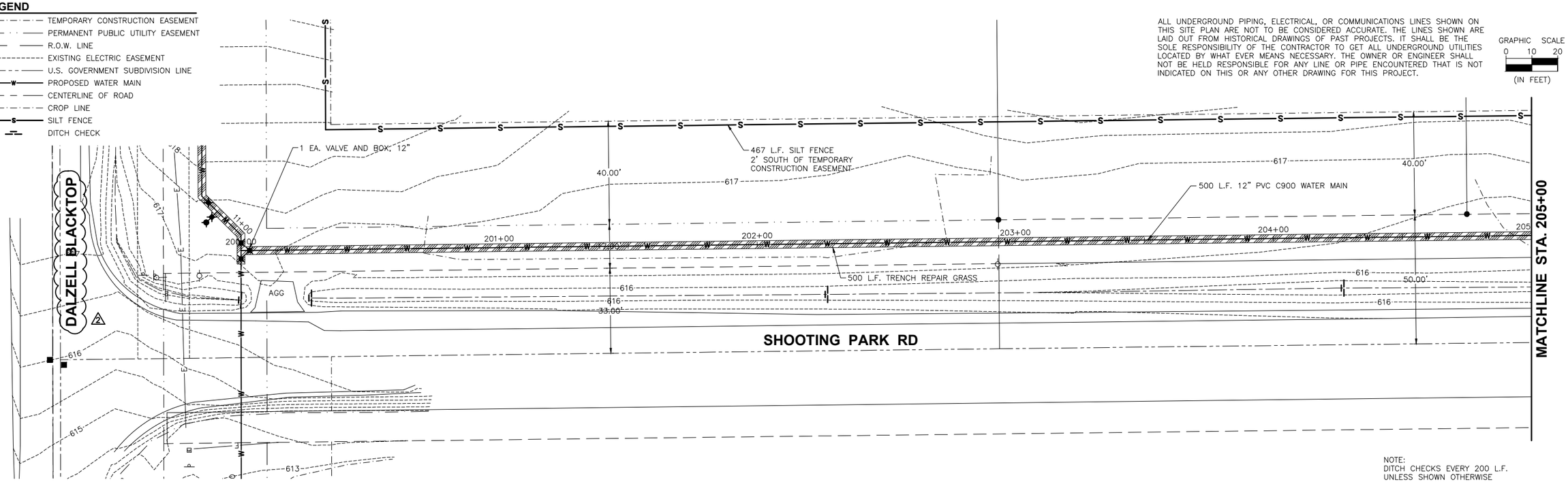
LEGEND

- TEMPORARY CONSTRUCTION EASEMENT
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- SILT FENCE
- DITCH CHECK

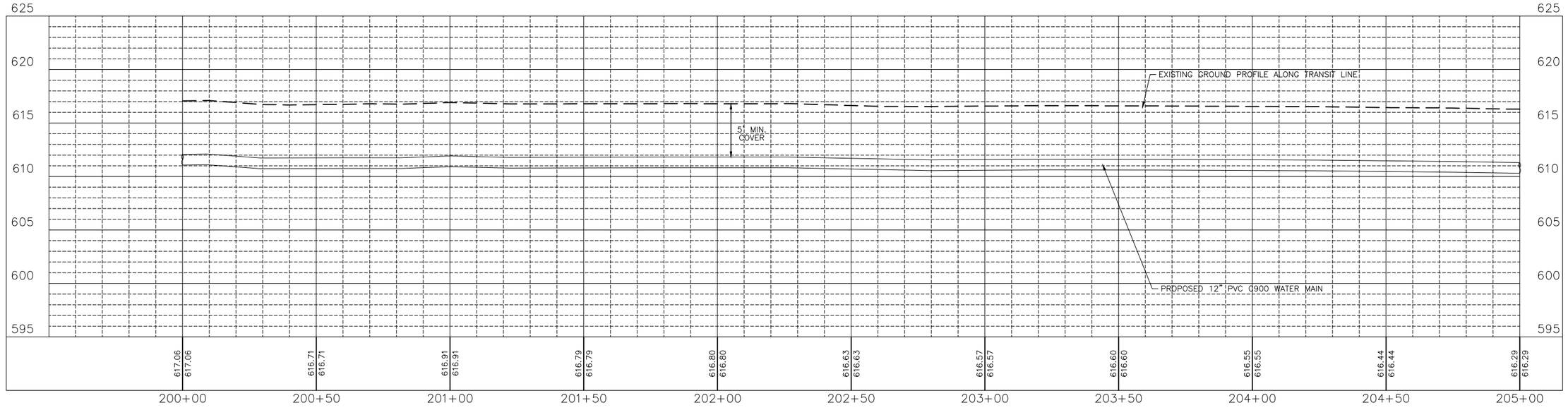
ALL UNDERGROUND PIPING, ELECTRICAL, OR COMMUNICATIONS LINES SHOWN ON THIS SITE PLAN ARE NOT TO BE CONSIDERED ACCURATE. THE LINES SHOWN ARE LAID OUT FROM HISTORICAL DRAWINGS OF PAST PROJECTS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO GET ALL UNDERGROUND UTILITIES LOCATED BY WHAT EVER MEANS NECESSARY. THE OWNER OR ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR ANY LINE OR PIPE ENCOUNTERED THAT IS NOT INDICATED ON THIS OR ANY OTHER DRAWING FOR THIS PROJECT.

GRAPHIC SCALE
0 10 20
(IN FEET)

N



NOTE:
DITCH CHECKS EVERY 200 L.F.
UNLESS SHOWN OTHERWISE
(4 THIS SHEET)



DRAWN BY: SCM	REVISIONS			
CHECKED BY: RTB	LEVEL	BY	DATE	DESCRIPTION
DATE: 07/30	2	NV	01/13/26	ADDENDUM 2

Chamlin & Associates

PERU MORRIS
OTTAWA
ILLINOIS

VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

PLAN & PROFILE
STA. 200+00 TO STA. 205+00

BIDDING PLANS

CURRENT AS OF: 12/03/2025
SCALE: AS NOTED — SHEET 32
FILE NO.: 99055.00 Y– — OF 35

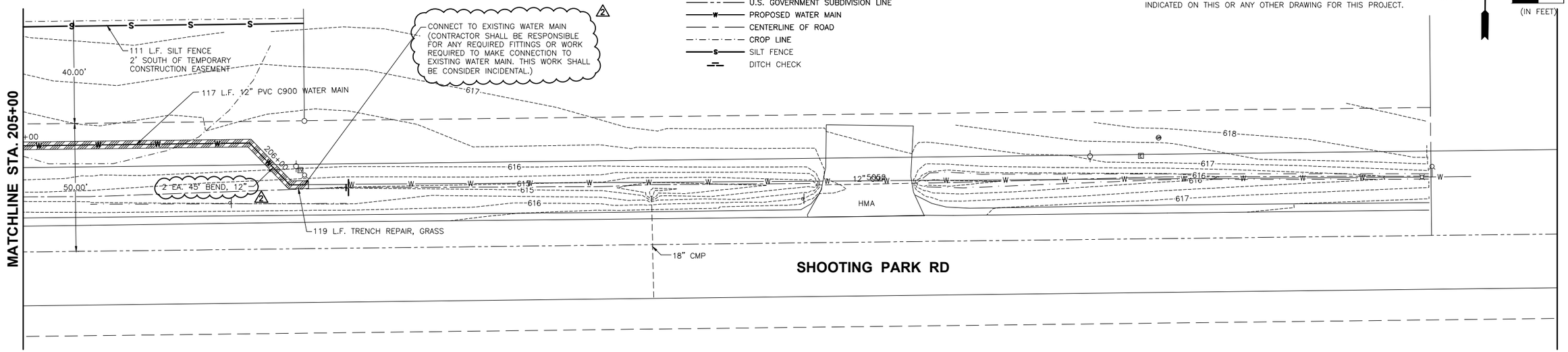
CHAMLIN & ASSOCIATES, INC. © 2022
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LEGEND

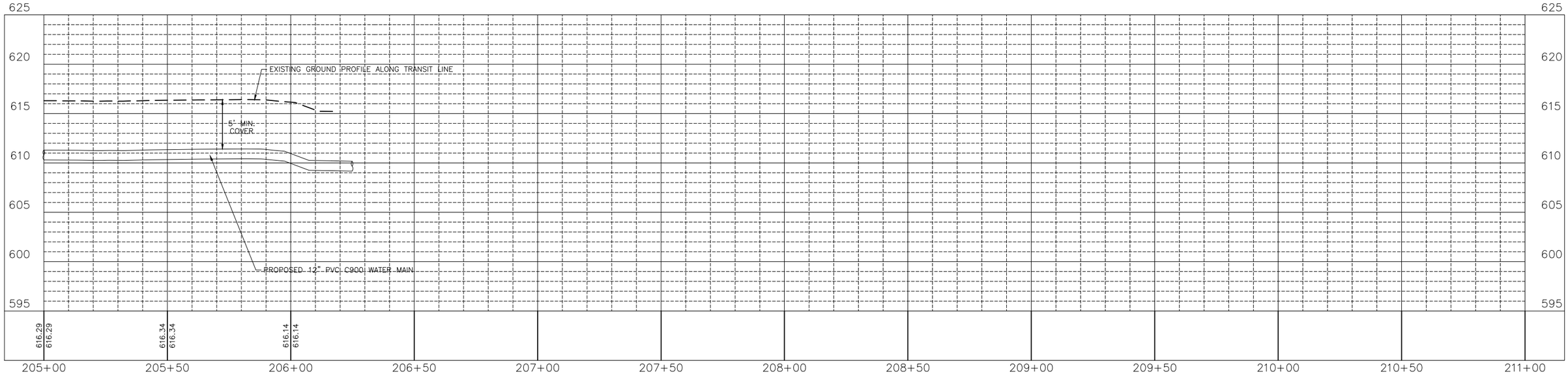
- TEMPORARY CONSTRUCTION EASEMENT
- PERMANENT PUBLIC UTILITY EASEMENT
- R.O.W. LINE
- EXISTING ELECTRIC EASEMENT
- U.S. GOVERNMENT SUBDIVISION LINE
- PROPOSED WATER MAIN
- CENTERLINE OF ROAD
- CROP LINE
- SILT FENCE
- DITCH CHECK

ALL UNDERGROUND PIPING, ELECTRICAL, OR COMMUNICATIONS LINES SHOWN ON THIS SITE PLAN ARE NOT TO BE CONSIDERED ACCURATE. THE LINES SHOWN ARE LAID OUT FROM HISTORICAL DRAWINGS OF PAST PROJECTS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO GET ALL UNDERGROUND UTILITIES LOCATED BY WHAT EVER MEANS NECESSARY. THE OWNER OR ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR ANY LINE OR PIPE ENCOUNTERED THAT IS NOT INDICATED ON THIS OR ANY OTHER DRAWING FOR THIS PROJECT.

GRAPHIC SCALE
0 10 20
(IN FEET)



NOTE:
DITCH CHECKS EVERY 200 L.F.
UNLESS SHOWN OTHERWISE
(1 THIS SHEET)



DRAWN BY: SCM	REVISIONS			
CHECKED BY: RTB	LEVEL	BY	DATE	DESCRIPTION
DATE: 07/2025	2	NV	01/13/26	ADDENDUM 2

Chamlin & Associates

PERU MORRIS
OTTAWA
ILLINOIS

VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

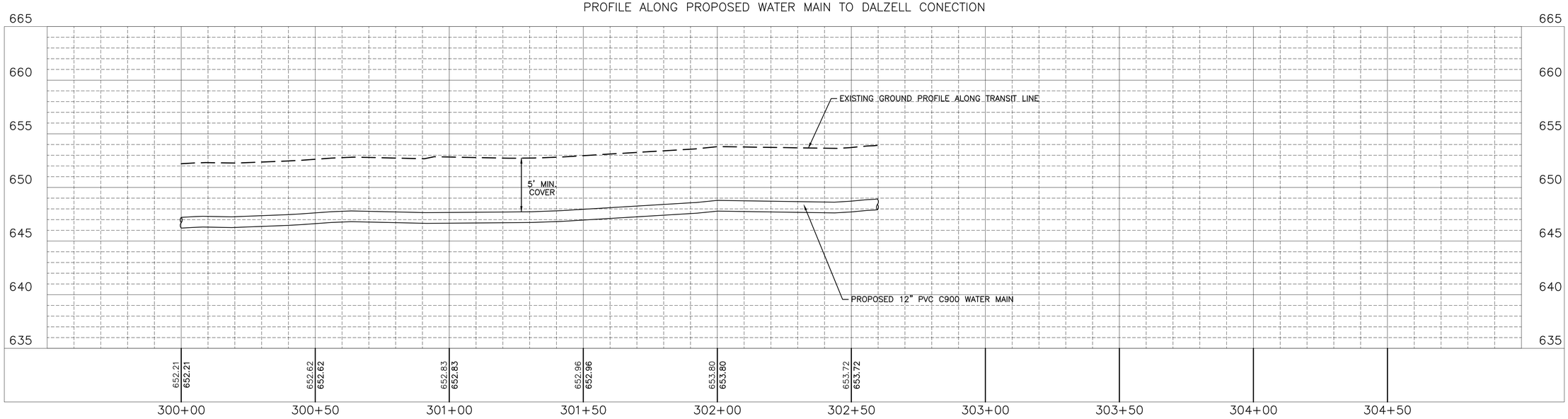
PLAN & PROFILE
STA. 205+00 TO STA. 211+00

BIDDING PLANS

CURRENT AS OF: 12/03/2025	
SCALE: AS NOTED	SHEET 33
FILE NO.: 99055.00 Y–	OF 35

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Drawing Name: G:\Users\99055-00-Dalzell-Peru Water Connection\CAD\033-PP-205-211.dwg Last Modified: Tuesday, January 13, 2026 1:31:05 PM Plotted On: Wednesday, January 14, 2026 8:46:57 AM by Debbie Story

PROFILE ALONG PROPOSED WATER MAIN TO DALZELL CONECTION



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Drawing Name: G:\Users\VJ\99055-00-Dalzell-Peru Water Connection\CAD\034-PP-300-305.dwg Last Modified: Wednesday, December 3, 2025 9:33:56 AM Plotted On: Wednesday, December 3, 2025 1:38:16 PM by Jonathon Covert

DRAWN BY: SCM	REVISIONS				PERU MORRIS OTTAWA ILLINOIS
CHECKED BY: RTB	LEVEL	BY	DATE	DESCRIPTION	
DATE: 07/2025					

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VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

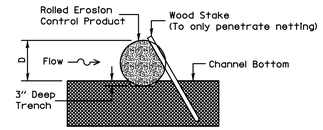
PROFILE
STA. 300+00 TO STA. 304+50

BIDDING PLANS

CURRENT AS OF: 12/03/2025	
SCALE: AS NOTED	SHEET 34
FILE NO.: 99055.00 Y–	OF 35

Plotted On: Wednesday, December 3, 2025 1:46:26 PM by Jonathon Covert
Last Modified: Wednesday, December 3, 2025 9:38:10 AM
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CHAMLIN & ASSOCIATES, INC. © 2025

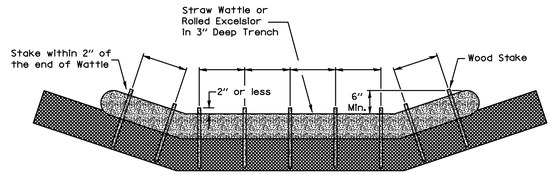
Stake Detail



NOTES:

1. PROVIDE DITCH CHECKS IN ALL PROPOSED DITCHES. REMOVE ONCE PERMANENT VEGETATION IS ESTABLISHED.
2. ENDS OF WATTLES OR ROLLED EXCELSIOR SHALL BE TURNED AT LEAST 6" UPSLOPE.
3. RECOMMENDED STAKES ARE 1 ⅛" WIDE X 1 ⅛" THICK X 30" LONG.
4. STAKES SHALL NOT EXTEND ABOVE THE STRAW WATTLE MORE THAN 2".
5. SPACING: THE TOE OF THE UPSTREAM DITCH CHECK SHALL CREATE A HORIZONTAL LINE WITH THE TOP OF THE DOWNSTREAM DITCH CHECK.

Staking Pattern Guide

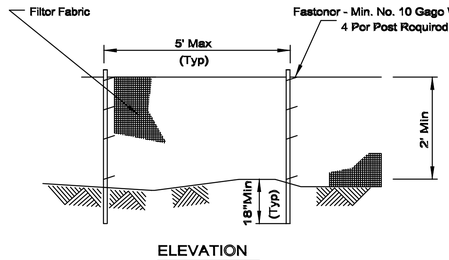


NOTES:

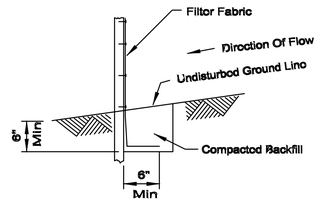
1. OVERLAP MINIMUM IS THE DIAMETER OF THE ROLL.
2. 4' SPACING FOR WATTLES.
3. 2' SPACING FOR ROLLED EXCELSIOR.
4. OR SPACE ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

ROLLED DITCH CHECKS
(ILLINOIS URBAN MANUAL DRAWING IUM-514)

SILT FENCE PLAN



ELEVATION



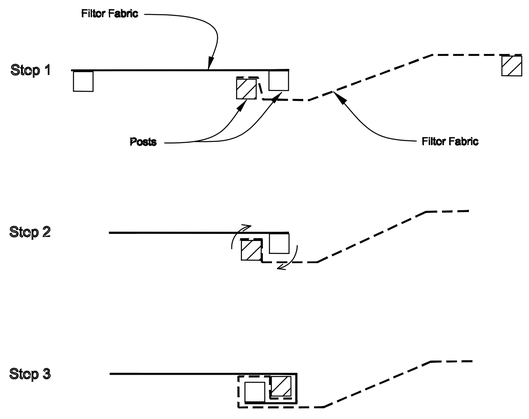
FABRIC ANCHOR DETAIL

NOTES:

1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class with equivalent opening size of at least 30 for nonwoven and 50 for woven.
3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

REFERENCE			STANDARD DWG. NO.
Project		NRCS	IL-620
Designed	Date	Natural Resources Conservation Service	SHEET 1 OF 2
Checked	Date		DATE 11-20-01
Approved	Date		

SILT FENCE



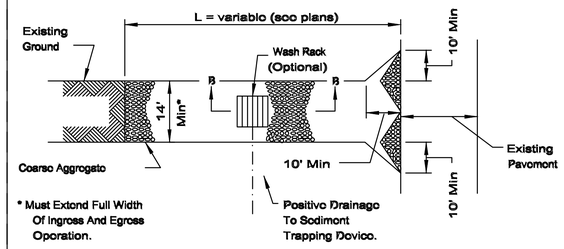
ATTACHING TWO SILT FENCES

NOTES:

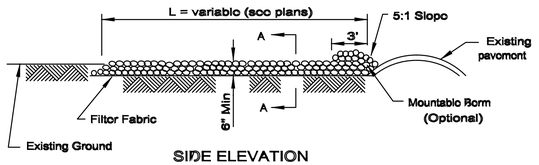
1. Place the end post of the second fence inside the end post of the first fence.
2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
3. Drive both posts a minimum of 18 inches into the ground and bury the flap.

REFERENCE			STANDARD DWG. NO.
Project		NRCS	IL-620(W)
Designed	Date	Natural Resources Conservation Service	SHEET 2 OF 2
Checked	Date		DATE 1-29-99
Approved	Date		

STABILIZED CONSTRUCTION ENTRANCE PLAN



PLAN VIEW



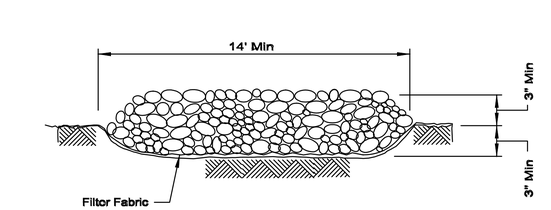
SIDE ELEVATION

NOTES:

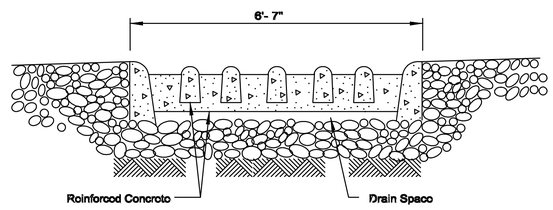
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE			STANDARD DWG. NO.
Project		NRCS	IL-630
Designed	Date	Natural Resources Conservation Service	SHEET 1 OF 2
Checked	Date		DATE 8-18-94
Approved	Date		

STABILIZED CONSTRUCTION ENTRANCE PLAN



SECTION A-A



SECTION B-B

REFERENCE			STANDARD DWG. NO.
Project		NRCS	IL-630
Designed	Date	Natural Resources Conservation Service	SHEET 2 OF 2
Checked	Date		DATE 8-18-94
Approved	Date		

DRAWN BY: SCM	REVISIONS			
CHECKED BY: RTB	LEVEL	BY	DATE	DESCRIPTION
DATE: 07/2025				

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VILLAGE OF DALZELL
DALZELL - PERU WATER CONNECTION

EROSION CONTROL DETAILS

BIDDING PLANS

CURRENT AS OF: 12/03/2025		
SCALE: AS NOTED	SHEET	35
FILE NO.: 99055.00 Y–	OF	35