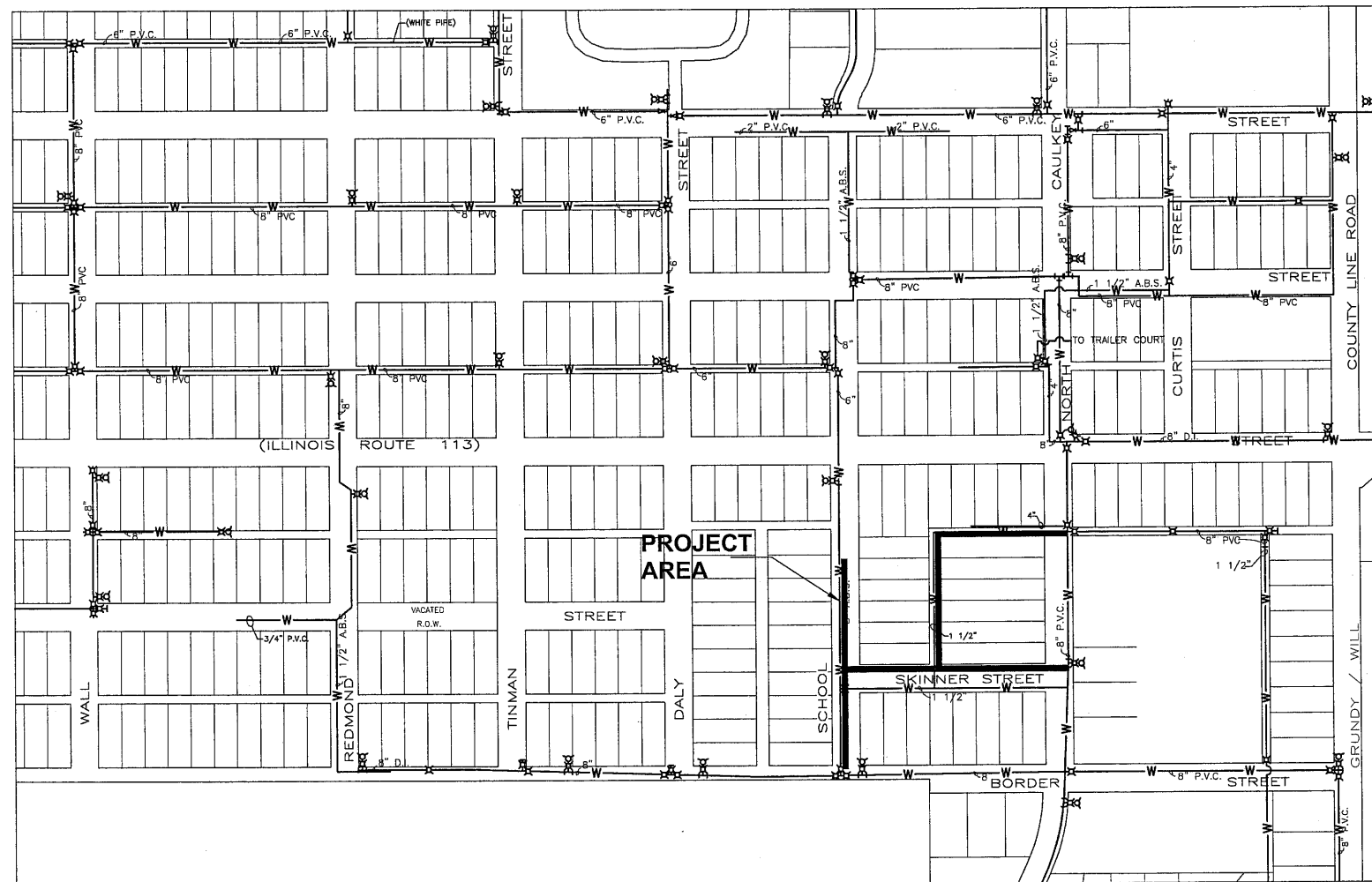


VILLAGE OF DIAMOND WATER MAIN IMPROVEMENTS VARIOUS LOCATIONS SEPTEMBER , 2023

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 DETAILS
- 4 DETAILS
- 5 PLAN - SCHOOL, SKINNER, PERONA STREETS
- 6 PROFILE - SCHOOL, SKINNER, PERONA STREETS



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TERESA KERNIC

VILLAGE CLERK

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MARK ADAIR
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PUBLIC WORKS

JIM DUNNING

BENCHMARKS

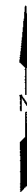
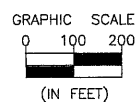
CHISELED "L" LIGHT POLE BASE AT MINERS MONUMENT
ELEV. 560.58

CHISELED "X" S.E. BOLT CONC. BASE OF LIGHT POLE
AT S.E. CORNER BUSEY BANK
ELEV. 565.73

NAIL IN POWER POLE S.E. CORNER SCHOOL & SKINNER
STREETS
ELEV. 563.34

R.R. SPIKE IN POWER POLE S.W. CORNER CALKEY &
SKINNER STREETS
ELEV. 562.59

CHISELED "X" S. SIDE CONC. BASE OF LIGHT POLE N.E.
CORNER RTE 113 & TINMAN STREET
ELEV. 565.30



3-11-24
date



signature
MICHAEL W. PERRY
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-001717



PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

DRAWN BY: G.A.H. CHECKED BY: M.W.P. DATE: 1/25/19	REVISIONS				
	LEVEL	BY	DATE	REVISIONS	DESCRIPTION

BIDDING PLANS	CURRENT AS OF: 09/13/2023	
	SCALE: NOTED	SHEET 1
	FILE NO.: 9865.00 Y-	OF 6

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Drawing Name: G:\Users\GABRIS\OneDrive - Chamlin & Associates\Documents\Water-Main-(Perona-School-Skinner)\CAD\NEW-REVISIONS\001-COVER.dwg
Last Modified: Thursday, January 4, 2024 9:00:47 AM
Plotted On: Tuesday, February 6, 2024 11:25:29 AM
by Lily Powelskyk

GENERAL NOTES

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. FIELD TILE REPAIR OR RELOCATION SHALL BE COMPLETED AND PAID FOR IN ACCORDANCE WITH THE REQUIREMENTS FOR TILE REPAIRS.

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 APPROVAL 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 "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016 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, PAVEMENT MARKINGS, MAINTENANCE, AND INSPECTION SHALL BE INCLUDED IN THE LUMP SUM PRICE.

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.

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

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH THE CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE ROADWAY SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER AND WATER MAIN PAY ITEMS.

THE CONTRACTOR SHALL NOTIFY THE CITY AT LEAST 48 HOURS PRIOR TO SHUTTING DOWN ANY WATER SUPPLY LINE. THE CONTRACTOR SHALL NOT OPERATE WATER VALVES OR FIRE HYDRANTS; THE CITY WILL OPERATE THESE WITH ADVANCE NOTICE. NO WATER SUPPLY SHALL BE TURNED OFF FOR MORE THAN 8 HOURS AT A TIME.

MAILBOXES AND STREET SIGNS

SHOULD A MAILBOX OR STREET SIGN BE LOCATED WITHIN THE CONSTRUCTION AREA AND BE IN THE WAY IT SHALL BE CAREFULLY REMOVED AND PROTECTED WHILE WORK PROGRESSES PASS ITS LOCATION. IF THE SIGN OR MAILBOX CAN NOT BE REINSTALLED PERMANENTLY BY END OF WORK DAY THE CONTRACTOR SHALL PROVIDE FOR TEMPORARY INSTALLATION IN THE SAME LOCATION AS IT WAS REMOVED FROM. THE CONTRACTOR SHALL REPLACE ANY MAILBOXES, SIGNS, AND MOUNTING POSTS DAMAGED DURING CONSTRUCTION. THIS WORK SHALL BE CONSIDERED INCIDENTAL.

SUMMARY OF QUANTITIES


1	WATER MAIN, 8"	LF	1,970
2	WATER MAIN, 6"	LF	26
3	WATER MAIN, 4"	LF	25
4	VALVE AND BOX, 8"	EA	14
5	VALVE AND BOX, 6"	EA	3
6	VALVE AND BOX, 4"	EA	1
7	FIRE HYDRANT, 6"	EA	2
8	TEE, 4"	EA	1
9	TEE, 8"x4"	EA	1
10	TEE, 8"x6"	EA	3
11	TEE, 8"	EA	4
12	45 DEGREE BEND, 8"	EA	8
13	TAPPING SLEEVE WITH M.J. OUTLET, 8"	EA	1
14	HOT TAP, 8"	EA	1
15	CONNECT TO EXISTING WATER MAIN, 4"	EA	1
16	CONNECT TO EXISTING WATER MAIN, 8"	EA	3
17	COUPLER, 4"	EA	2
18	COUPLER, 8"	EA	4
19	WATER SERVICE COMPLETE, 1"	EA	13
20	WATER MAIN QUALITY CASING PIPE FOR 8" WATER MAIN	LF	40
21	REMOVE AND REINSTALL 12" RCP STORM SEWER	L SUM	1
22	REMOVE AND REINSTALL 12" RCP CULVERT	L SUM	1
23	TRENCH REPAIR, SIDEWALKS AND DRIVES	LF	300
24	TRENCH REPAIR, GRASS	LF	120
25	TRENCH REPAIR, GRASS SPECIAL	LF	503
26	TRENCH REPAIR, ROADWAY	LF	443
27	TREE REMOVAL	IN. DIA	70
28	EROSION CONTROL	L SUM	1
29	TRAFFIC CONTROL	L SUM	1

LEGEND

	PROPOSED SANITARY SEWER		PROPOSED WATER SERVICE CURB STOP
	PROPOSED STORM SEWER		EXISTING WATER SERVICE CURB STOP
	EXISTING SANITARY SEWER		PROPOSED SANITARY MANHOLE
	EXISTING STORM SEWER		PROPOSED STORM MANHOLE
	EXISTING WATER MAIN		PROPOSED STORM INLET
	PROPOSED WATER MAIN		EXISTING MANHOLE
	RIGHT OF WAY LINE		PROPOSED FIRE HYDRANT
	FENCE LINE		PROPOSED WATER GATE VALVE
	FIBER OPTIC		EXISTING FIRE HYDRANT
	EXISTING TOPOGRAPHIC FEATURE		EXISTING WATER SHUT OFF VALVE
	PROPOSED SILT FENCE		PROPOSED INLET OR CATCH BASIN
	STREET SIGN		EXISTING INLET OR CATCH BASIN
	GUY WIRE		PROPOSED SIDEWALK RAMP
	UTILITY POLE		EXISTING PROPERTY MARKER
	LIGHT STANDARD		TREE WITH DIAMETER SIZE
	GAS VALVE		BUSH
	METER BOX		TREE TO BE REMOVED BY OTHERS
	INLET OR MANHOLE TO BE REMOVED		RAILROAD WARNING SIGNAL ARM
	MATCH EXISTING ELEVATION		MAILBOX
			SOIL BORING LOCATION

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DATE: 1/25/19				



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ILLINOIS

VILLAGE OF DIAMOND
WATER MAIN IMPROVEMENTS
SEPTEMBER, 2023

GENERAL NOTES

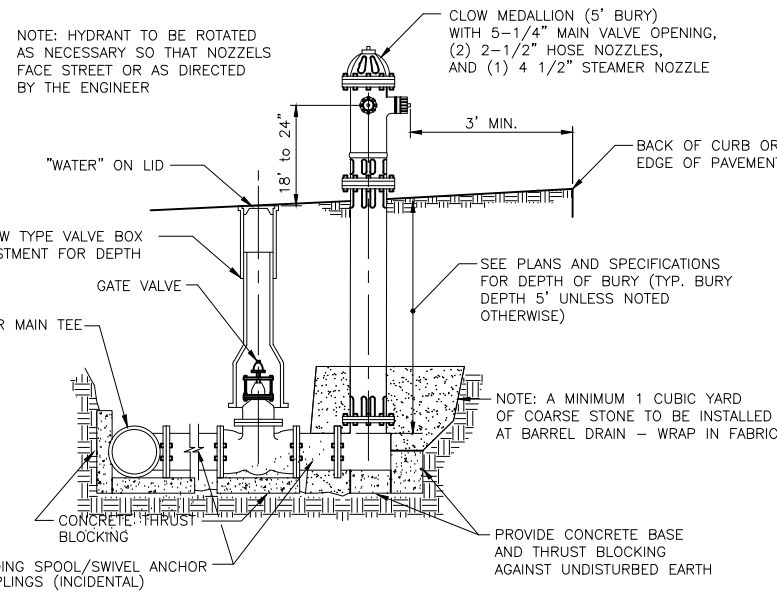
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CURRENT AS OF: 09/13/2023

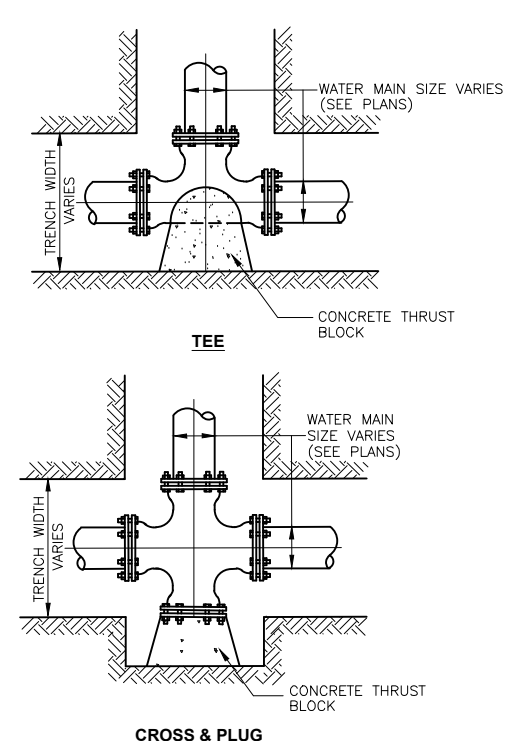
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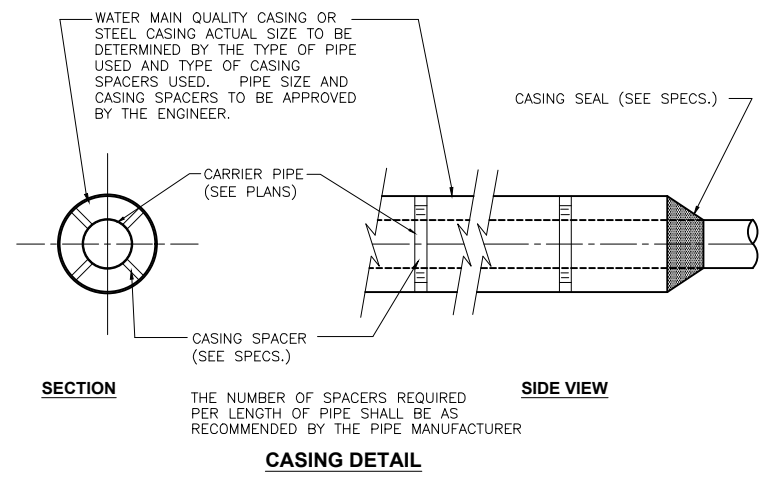
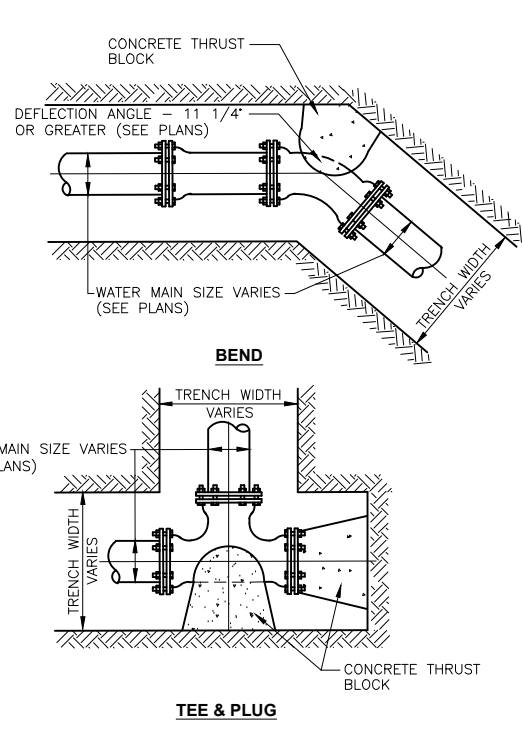
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 by: Fith Pook



FIRE HYDRANT DETAIL



WATER MAIN FITTING BLOCKING DETAILS

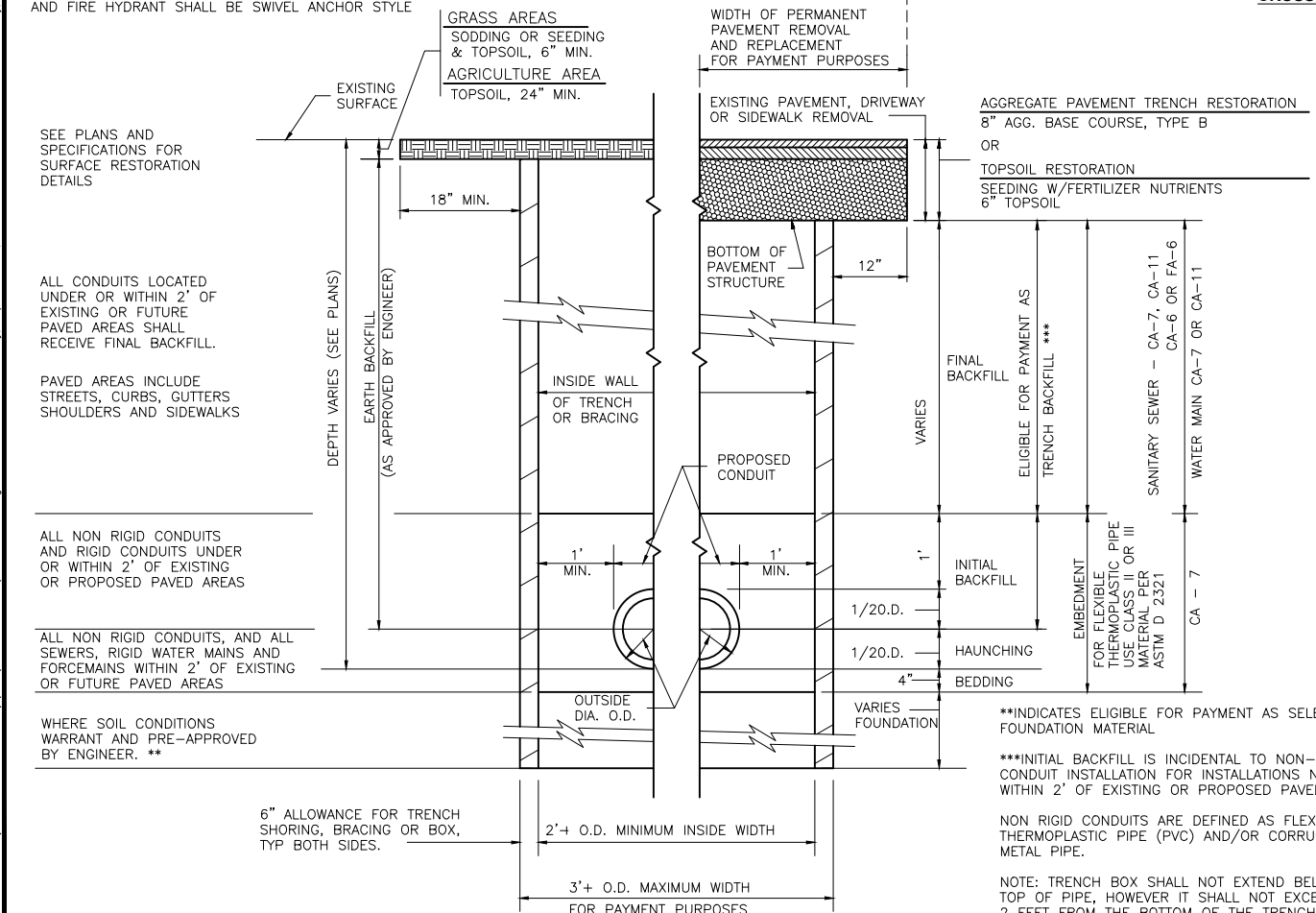


CASING DETAIL

NOTE: CONCRETE BASE AND THRUST BLOCKING SHALL NOT BLOCK NOR OBSTRUCT HYDRANT DRAIN.

ALL REQUIRED FITTINGS FOR FIRE HYDRANTS MAY NOT BE SHOWN IN DETAIL, SEE PLAN SHEETS FOR REQUIRED FITTINGS

ALL JOINTS BETWEEN AND INCLUDING WATER MAIN TEE AND FIRE HYDRANT SHALL BE SWIVEL ANCHOR STYLE



TYPICAL TRENCH DETAIL

SEE PLANS AND SPECIFICATIONS FOR SURFACE RESTORATION DETAILS

ALL CONDUITS LOCATED UNDER OR WITHIN 2' OF EXISTING OR FUTURE PAVED AREAS SHALL RECEIVE FINAL BACKFILL.

PAVED AREAS INCLUDE STREETS, CURBS, GUTTERS, SHOULDERS AND SIDEWALKS

ALL NON RIGID CONDUITS AND RIGID CONDUITS UNDER OR WITHIN 2' OF EXISTING OR PROPOSED PAVED AREAS

ALL NON RIGID CONDUITS, AND ALL SEWERS, RIGID WATER MAINS AND FORCEMAINS WITHIN 2' OF EXISTING OR FUTURE PAVED AREAS

WHERE SOIL CONDITIONS WARRANT AND PRE-APPROVED BY ENGINEER. **

AGGREGATE PAVEMENT TRENCH RESTORATION 8\"/>

TOPSOIL RESTORATION SEEDING W/FERTILIZER NUTRIENTS 6\"/>

ELIGIBLE FOR PAYMENT AS TRENCH BACKFILL ***

INITIAL BACKFILL

HAUNCHING

BEDDING

EMBEDMENT FOR FLEXIBLE THERMOPLASTIC PIPE USE CLASS II OR III MATERIAL PER ASTM D 2321

SANITARY SEWER - CA-7, CA-11

WATER MAIN CA-7 OR CA-11

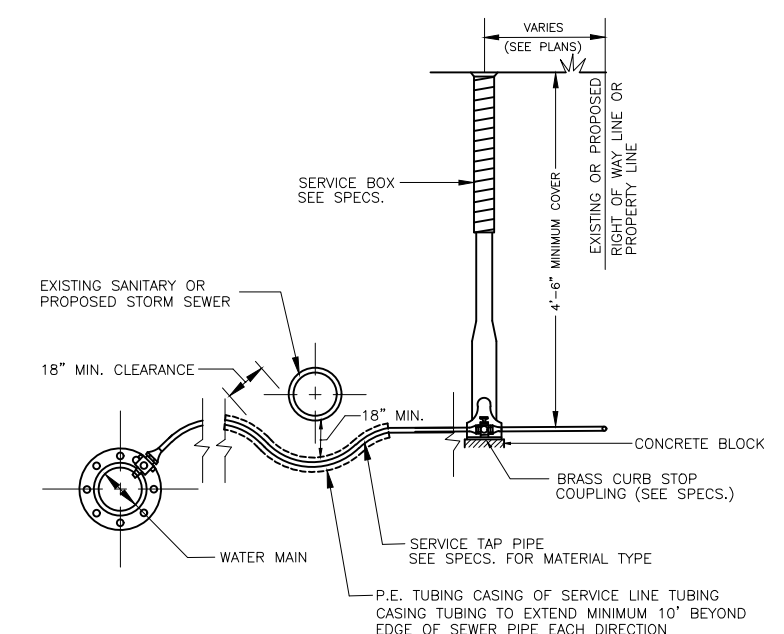
**INDICATES ELIGIBLE FOR PAYMENT AS SELECT FOUNDATION MATERIAL

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

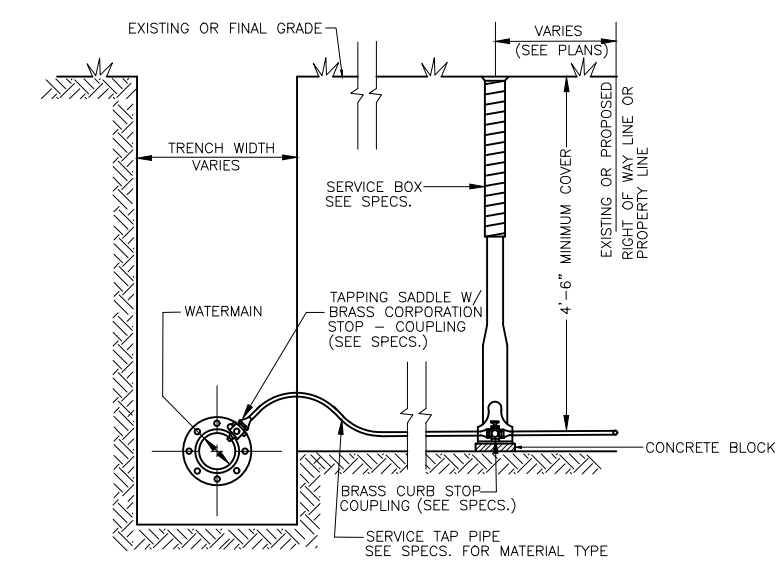
NON RIGID CONDUITS ARE DEFINED AS FLEXIBLE THERMOPLASTIC PIPE (PVC) AND/OR CORRUGATED METAL PIPE.

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.



WATER SERVICE COMPLETE - SPECIAL



WATER SERVICE COMPLETE

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DATE: 1/25/19				


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 ILLINOIS

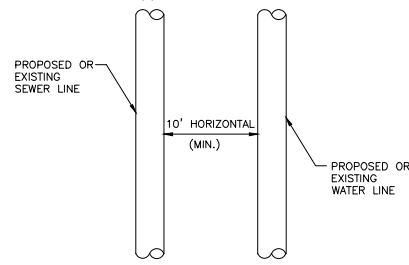
VILLAGE OF DIAMOND
WATER MAIN IMPROVEMENTS
SEPTEMBER, 2023

DETAILS

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 CURRENT AS OF: 09/13/2023
 SCALE: NOTED SHEET 3
 FILE NO.: 9865.00 Y- OF 6

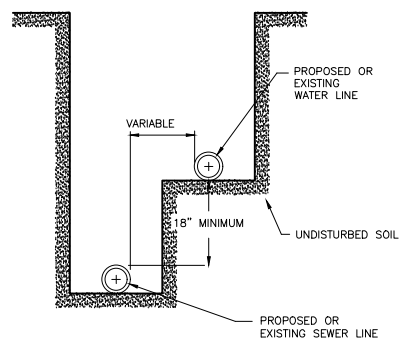
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 Lat. Modified: Wednesday, September 13, 2023 4:44:04 PM
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 by Fith Pock

WHEN PROPOSED SEWER (OR WATER) IS LOCATED 10 FEET OR MORE FROM EXISTING WATER (OR SEWER), NO SPECIAL CONSTRUCTION REQUIRED. SEE SECTION 41-2.01B (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 41-2.01B (2)



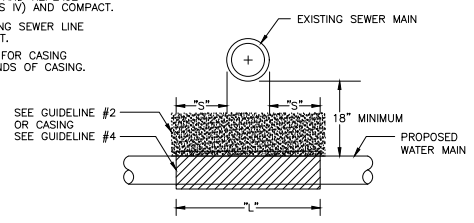
WATER AND SEWER SEPARATION REQUIREMENTS

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

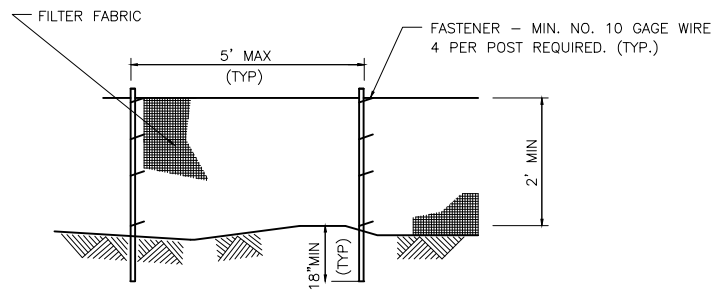
"S" EQUALS THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE.



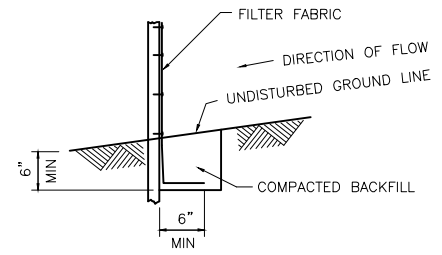
STANDARD DRAWING NO. 23

WATER AND SEWER VERTICAL SEPARATION REQUIREMENTS

PROPOSED WATER MAIN BELOW EXISTING SEWER LINE WITH 18" MINIMUM VERTICAL SEPARATION



ELEVATION



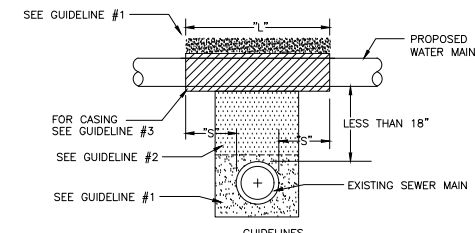
FABRIC ANCHOR DETAIL

NOTES:

1. TEMPORARY SEDIMENT FENCE SHALL BE INSTALLED AT LOCATIONS INDICATED ON THE DRAWINGS PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. FENCE 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.

SILT FENCE DETAIL

ILLINOIS URBAN MANUAL DRAWING IL-620



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.

STANDARD DRAWING NO. 22

WATER AND SEWER VERTICAL SEPARATION REQUIREMENTS

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE WITH LESS THAN 18" VERTICAL SEPARATION

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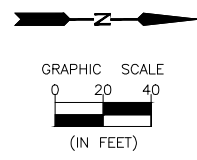
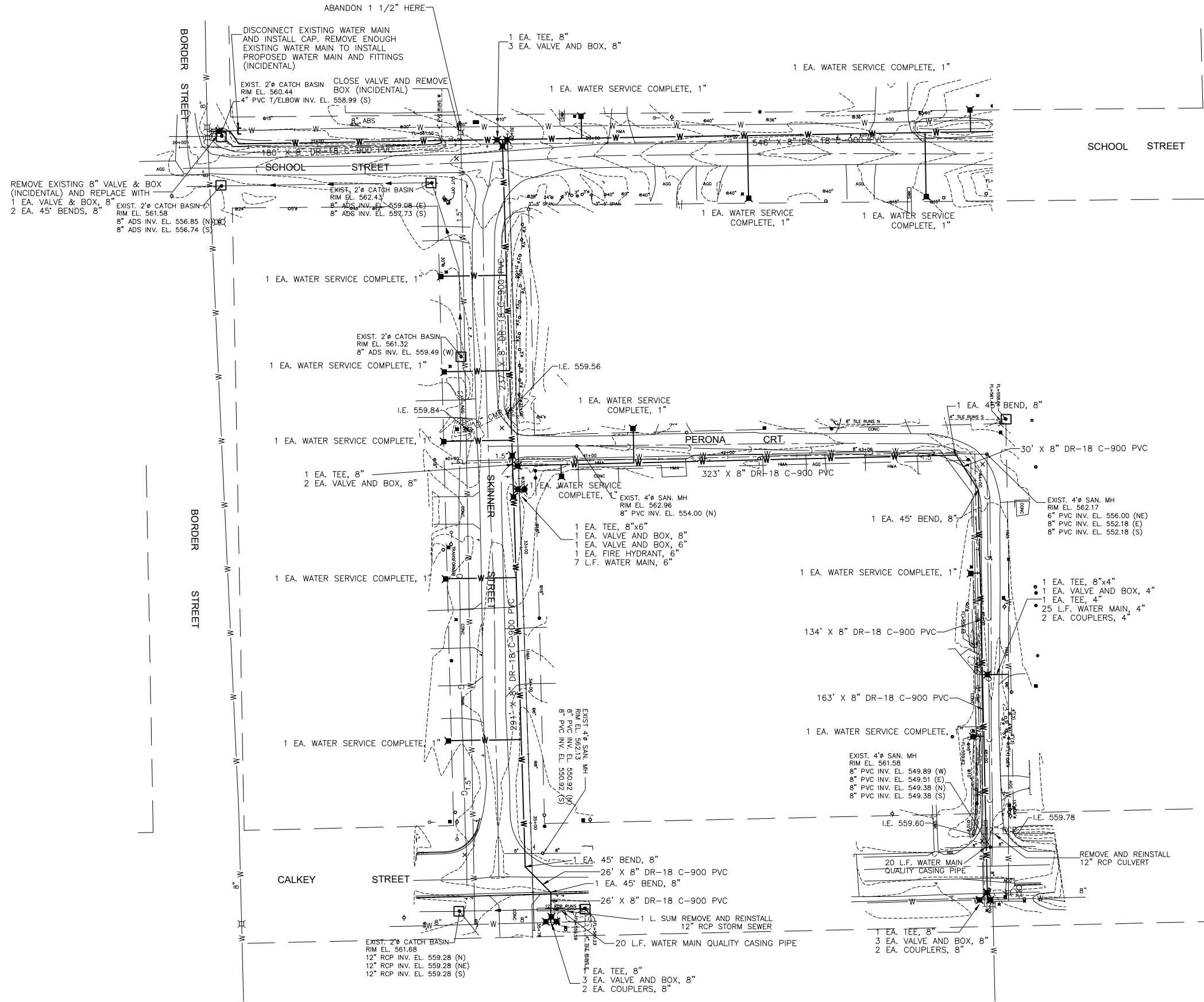
VILLAGE OF DIAMOND
WATER MAIN IMPROVEMENTS
SEPTEMBER, 2023

DETAILS

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PROVIDE INLET PROTECTION AND PIPE INLET PROTECTION AT ALL EFFECTED DEVICES WITHIN WORK AREAS.
THIS WORK SHALL BE PAID FOR AS EROSION CONTROL - LUMP SUM

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DATE: 1/25/19				

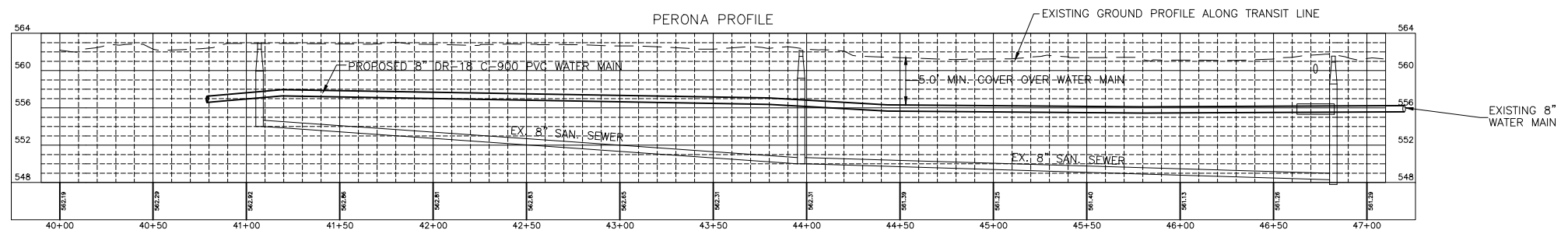
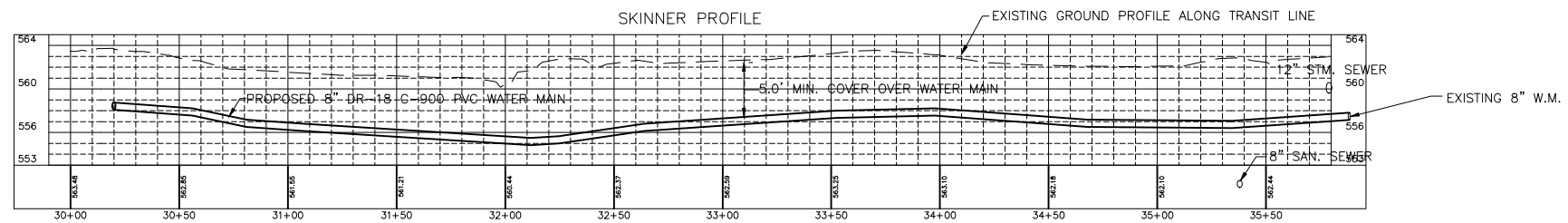
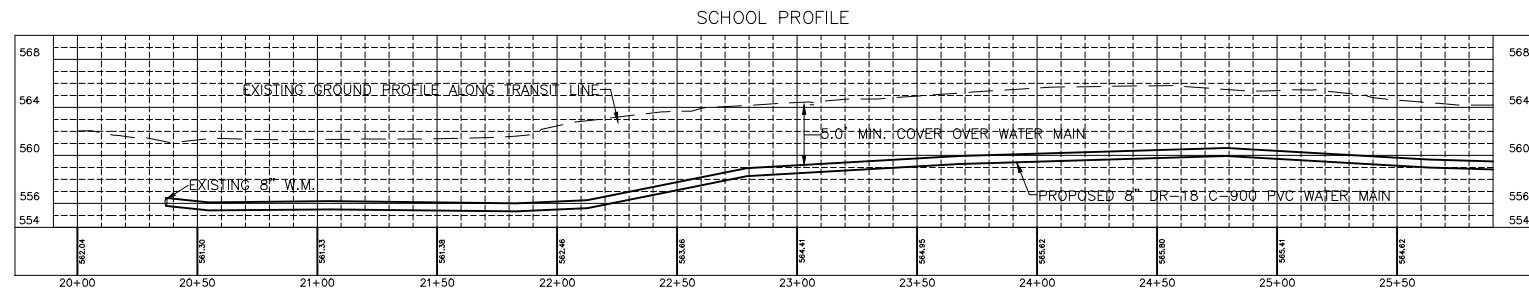

 PERU MORRIS
 OTTAWA MENDOTA
 ILLINOIS

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SEPTEMBER, 2023

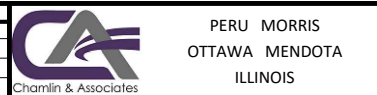
SCHOOL ST. PLAN SHEET
SKINNER ST. PLAN SHEET
PERONA COURT PLAN SHEET

BIDDING PLANS	CURRENT AS OF: 09/13/2023	
	SCALE: NOTED	SHEET 5
	FILE NO.: 9865.00 Y-	OF 6

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 Drawing Name: G:\Users\G9865\OneDrive\Diamond-Water-Main-(Perona-School-Skinner)\CAD\NEW-REVISIONS\005-006-WATER MAIN IMPROVE.dwg Last Modified: Friday, September 15, 2023 8:47:34 AM Plotted On: Friday, September 15, 2023 8:46:41 AM by John Pock



DRAWN BY: G.A.H.	REVISIONS			
CHECKED BY: M.W.P.	LEVEL	BY	DATE	DESCRIPTION
DATE: 1/25/19				



**VILLAGE OF DIAMOND
 WATER MAIN IMPROVEMENTS
 SEPTEMBER, 2023**

**SCHOOL ST. PROFILE STA. 20+00 - 27+00
 SKINNER ST. PROFILE STA. 30+00 - 35+00
 PERONA COURT PROFILE STA. 40+00 - 47+00**

BIDDING PLANS	CURRENT AS OF: 09/13/2023	
	SCALE: NOTED	SHEET 6
	FILE NO.: 9865.00 Y-	OF 6