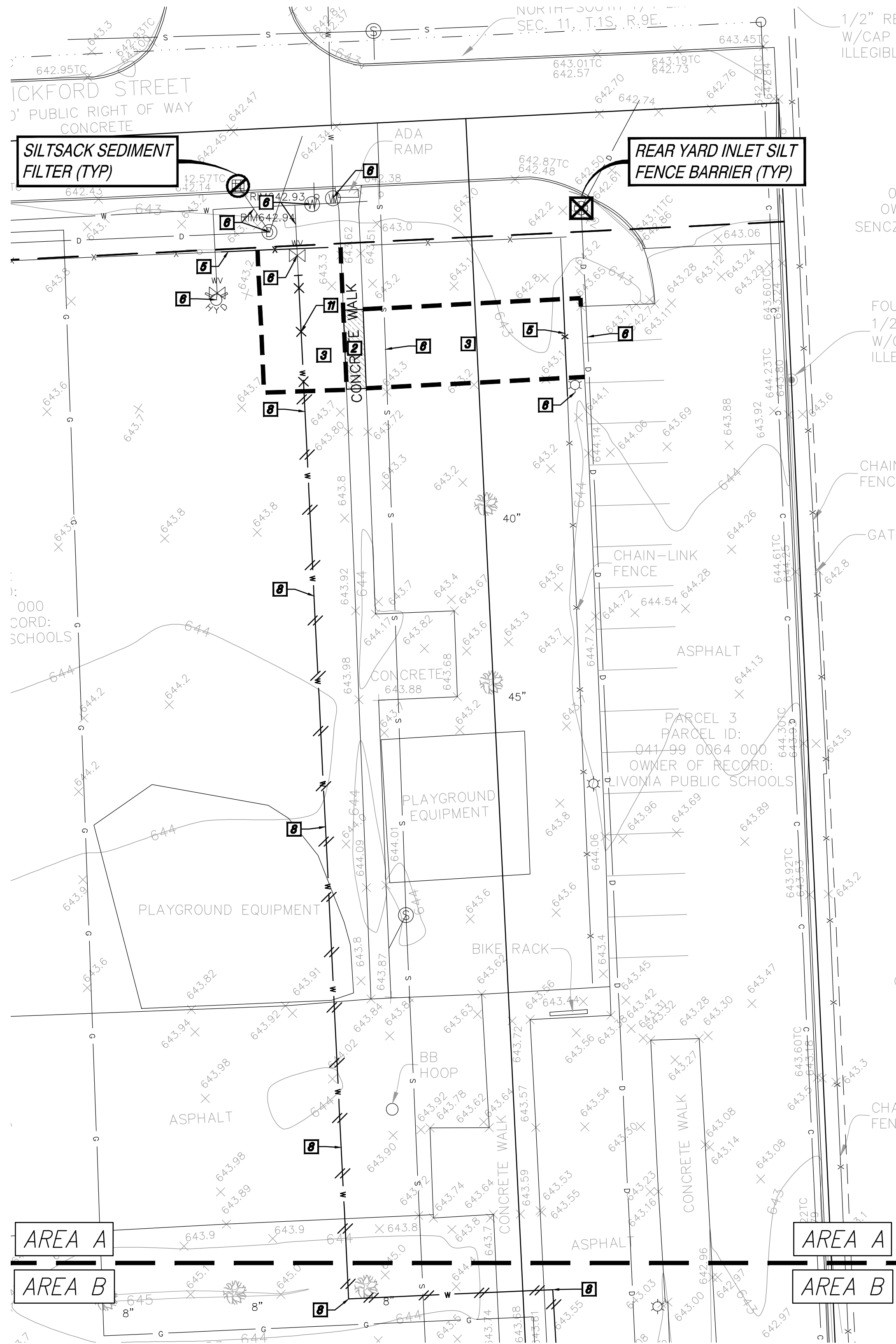


Plotted: Mar 20, 2026, 9:30 AM by user: 1192 - Saved: 3/17/2026 by user: 1192
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DEMOLITION NOTES

- 1 REMOVE ASPHALT PAVEMENT TO FULL DEPTH. SAWCUT FULL DEPTH WHERE NEW PAVEMENT WILL BE PLACED ADJACENT TO EXISTING PAVEMENT. EXCAVATE EXISTING AGGREGATE BASE AND SUBGRADE AS NECESSARY TO INSTALL NEW PAVEMENT SECTION AS SHOWN ON THE PAVING PLANS, INCLUDING NEW AGGREGATE BASE.
 - 2 REMOVE CONCRETE PAVEMENT TO FULL DEPTH. SAWCUT FULL DEPTH TO NEAREST JOINT WHERE NEW PAVEMENT WILL BE PLACED ADJACENT TO EXISTING PAVEMENT.
 - 3 CLEAR AND GRUB TO THE LIMITS SHOWN. INCLUDE REMOVAL OF ALL SIGNS, POSTS, FOOTINGS, GRAVEL, BRUSH, SHRUBS, GRASS, AND TREES NOT INDICATED FOR PROTECTION, INCLUDING ROOTS. STRIP TOPSOIL AND STOCKPILE ON SITE IN DESIGNATED LOCATION.
 - 4 PROTECT EXISTING CONCRETE CURB AND GUTTER TO REMAIN.
 - 5 REMOVE AND SALVAGE EXISTING CHAIN LINK FENCE FABRIC FROM EXISTING POSTS TO REMAIN. REINSTALL FENCE FABRIC UPON COMPLETION OF CONSTRUCTION. REPLACE POSTS IN KIND, INCLUDING FOOTINGS, AS NECESSARY IF THEY FALL WITHIN THE PROPOSED TRENCH LINE.
 - 6 PROTECT EXISTING UTILITIES AND UTILITY STRUCTURES TO REMAIN.
 - 7 PROTECT EXISTING SIGN TO REMAIN, INCLUDING POST, BASES AND FOOTINGS IF PRESENT.
 - 8 ABANDON EXISTING 4" WATERMAIN SERVICE. CUT AND CAP EXISTING WATERMAIN SERVICE APPROXIMATELY 30' PAST EXISTING GATE VALVE IN BOX. WATER SERVICE SHALL REMAIN ACTIVE UNTIL NEW WATER SERVICE IS INSTALLED AND/OR WATER SHUT OFF IS ACCEPTABLE FROM THE CONSTRUCTION MANAGER/OWNER.
 - 9 PROTECT EXISTING BOLLARDS TO REMAIN, INCLUDING FOOTINGS IF PRESENT.
 - 10 REMOVE EXISTING BOLLARDS, INCLUDING FOOTINGS IF PRESENT.
 - 11 REMOVE EXISTING WATERMAIN SERVICE. BACKFILL WITH CLASS II FILL AND COMPACT TO 95% MAXIMUM DENSITY. WATER SERVICE SHALL REMAIN IN WORKING CONDITION UNTIL NEW WATER LINE IS INSTALLED AND/OR WATER SHUT OFF IS ACCEPTABLE FROM THE CONSTRUCTION MANAGER/OWNER.
- PROTECT EXISTING SIGN TO REMAIN, INCLUDING POST, BASES AND FOOTINGS IF PRESENT.
- EXISTING SIGNAGE AND MAILBOXES WITHIN THE CLEARING LIMITS ARE TO BE REMOVED AND SALVAGED. STAGE IN ON SITE LOCATION AS SPECIFIED BY OWNER.
- ALL DEPRESSIONS CREATED BY DEMOLITION PROCEDURES SHALL BE BACKFILLED WITH CLASS II FILL MATERIAL IN 8" LIFTS COMPACTED TO 95% OF MAXIMUM UNIT WEIGHT, UP TO PROPOSED SUBGRADE.
- CONTRACTOR IS RESPONSIBLE FOR DOING AN EARTHWORK CALCULATION FOR CUT AND FILL REQUIREMENTS, AND IS RESPONSIBLE FOR INCLUDING IMPORT AND EXPORT OF MATERIALS IN THEIR BID. ALL EXCESS MATERIAL (INCLUDING TOPSOIL, CLEAN FILL, AND WASTE MATERIAL) SHALL BE REMOVED FROM THE SITE.
- EXISTING SUPPORTED SLABS AT BUILDING ENTRY/DOORS TO REMAIN, UNLESS OTHERWISE DIRECTED. CONTRACTOR TO VERIFY LIMITS OF EXISTING SUPPORTED SLAB AND REMOVE ADJACENT WALKS AS SHOWN ON PLANS.
- CONTRACTOR TO PROTECT EXISTING WALKS, PAVEMENT, CURBS, GUTTERS, WALLS, FENCES, GATES, LANDSCAPING AND TREES TO REMAIN DURING CONSTRUCTION.

SURVEY NOTES

1. TOPOGRAPHIC AND/OR BOUNDARY SURVEY, INCLUDING: PROPERTY LINES, LEGAL DESCRIPTION, EXISTING UTILITIES, SITE TOPOGRAPHY WITH SPOT ELEVATIONS, OUTSTANDING PHYSICAL FEATURES AND EXISTING STRUCTURE LOCATIONS WAS PROVIDED BY OTHERS TO THE SELLER/OWNER AND MAY BE BASED ON RECORD DATA NOT MEASURED IN THE FIELD.
2. SPALDING DECKER ASSOCIATES, INC. WILL NOT BE HELD RESPONSIBLE FOR THE ACCURACY OF THE SURVEY OR FOR DESIGN OMISSIONS RESULTING FROM SURVEY INACCURACIES.
3. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL INFORMATION SHOWN ON THIS SURVEY AND NOTIFYING THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
4. CONTRACTOR SHALL UTILIZE A PRIVATE UTILITY LOCATOR TO STAKE PUBLIC AND PRIVATE UTILITY LOCATIONS PRIOR TO START OF CONSTRUCTION. IT IS THE CONTRACTORS RESPONSIBILITY, AT NO COST TO THE PROJECT, TO REPAIR OR REPLACE ANY DAMAGE CAUSED TO EXISTING UTILITIES.
5. CONTRACTOR SHALL CONTACT MISS DIG (811) THREE WORKING DAYS PRIOR TO THE START OF CONSTRUCTION FOR STAKING OF UTILITIES.

SHEET INDEX

- C1.1 - DEMOLITION PLAN (AREA A)
C1.2 - DEMOLITION PLAN (AREA B)
C2.1 - UTILITY PLAN (AREA A)
C2.2 - UTILITY PLAN (AREA B)
C3.1 - PAVING AND GRADING PLAN (AREA A)
C3.2 - PAVING AND GRADING PLAN (AREA B)
C3.3 - PAVING DETAILS
C4.1 - CITY OF LIVONIA WATER MAIN DETAILS (1 OF 2)
C4.2 - CITY OF LIVONIA WATER MAIN DETAILS (2 OF 2)
C4.3 - CITY OF LIVONIA SOIL EROSION & SEDIMENTATION CONTROL DETAILS & NOTES

REFERENCE SHEET INDEX

- C5.1 - ALTA/NPSS LAND TITLE SURVEY (1 OF 2)
C5.2 - ALTA/NPSS LAND TITLE SURVEY (2 OF 2)

SOIL EROSION CONTROL DEVICES

- SILTSACK SEDIMENT FILTER
 REAR YARD INLET SILT FENCE BARRIER

REFER TO SHEET C4.3 FOR SOIL EROSION AND SEDIMENTATION CONTROL DETAILS AND NOTES

SOIL EROSION & SEDIMENTATION NOTES

DUE TO GROSS AREA OF DISTURBANCE BEING BELOW 1 ACRE AND CLOSEST BODY OF WATER (TARABUSI CREEK) IS BEYOND 500 FT, NO SOIL EROSION PERMIT IS REQUIRED.

OWNER

Livonia Public Schools
15125 Farmington Rd.
Livonia, MI 48154
PHONE: (734) 744-2500

119 State Street, Suite 500
Detroit, MI 48226
Phone (313) 305-9120

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Livonia Public Schools Coolidge Elementary School

WATER MAIN IMPROVEMENTS

DEMOLITION PLAN (AREA A)

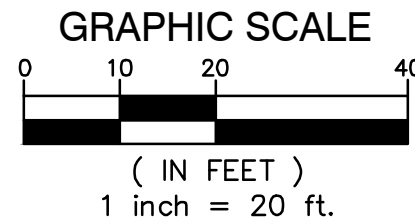
SECTION 11
TOWN 1 SOUTH RANGE 9 EAST
CITY OF LIVONIA
WAYNE COUNTY, MICHIGAN

NO.	DATE	REVISION
1	03-18-26	OWNER REVIEW
2	03-23-26	BIDS

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BAR IS ONE INCH ON ORIGINAL DRAWING	
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DRAWN BY J. KARWOWSKI	DATE 02-23-2026
DESIGNED BY J. KARWOWSKI	DATE 02-23-2026
CHECKED BY J. ENSLEY	DATE 03-17-2026
PROJECT MANAGER J. ENSLEY	BID PLAN DATE TBD
DEPARTMENT MANAGER APPROVAL T. SOVEL	DATE TBD
JOB NO. NP25150	DRAWING NO. NP25150DEM
SCALE: 1" = 20'	SHEET NO. C1.1

**SILTSACK SEDIMENT
FILTER (TYP)**

CONCRETE	642.99	643.19	643.39
PAD (TYP.)	642.99	643.19	643.39



1

- 1 REMOVE ASPHALT PAVEMENT TO FULL DEPTH. SAWCUT FULL DEPTH WHERE NEW PAVEMENT WILL BE PLACED ADJACENT TO EXISTING PAVEMENT. EXCAVATE EXISTING AGGREGATE BASE AND SUBGRADE AS NECESSARY TO INSTALL NEW PAVEMENT SECTION AS SHOWN ON THE PAVING PLANS, INCLUDING NEW AGGREGATE BASE.
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- 4 PROTECT EXISTING CONCRETE CURB AND GUTTER TO REMAIN.
- 5 REMOVE AND SALVAGE EXISTING CHAIN LINK FENCE FABRIC FROM EXISTING POSTS TO REMAIN. REINSTATE FENCE FABRIC UPON COMPLETION OF CONSTRUCTION. REPLACE POSTS IN KIND, INCLUDING FOOTINGS, AS NECESSARY IF THEY FALL WITHIN THE PROPOSED FRENCH LINE.
- 6 PROTECT EXISTING UTILITIES AND UTILITY STRUCTURES TO REMAIN.
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- 8 ABANDON EXISTING 4" WATERMAIN SERVICE. CUT AND CAP EXISTING WATERMAIN SERVICE APPROXIMATELY 30' PAST EXISTING GATE VALVE IN SOIL. WATER SERVICE SHALL REMAIN ACTIVE UNTIL NEW WATER SERVICE IS INSTALLED AND WATER SERVICE OFF IS ACCEPTABLE FROM THE CONSTRUCTION MANAGER/OWNER.
- 9 PROTECT EXISTING BOLLARDS TO REMAIN, INCLUDING FOOTINGS IF PRESENT.
- 10 REMOVE EXISTING BOLLARDS, INCLUDING FOOTINGS IF PRESENT.
- 11 REMOVE EXISTING WATERMAIN SERVICE. BACKFILL WITH CLASS 5 FILL AND COMPACT TO 95% MAXIMUM DENSITY. WATER SERVICE SHALL REMAIN IN WORKING CONDITION. WATER SERVICE OFF IS ACCEPTABLE AND/OR WATER SHUT OFF IS ACCEPTABLE FROM THE CONSTRUCTION MANAGER/OWNER.
- PROTECT EXISTING SIGN TO REMAIN, INCLUDING POSTS, BASES AND FOOTINGS IF PRESENT.
- EXISTING SIGNAGE AND MARKINGS WITHIN THE CLEARING LIMITS ARE TO BE REMOVED AND SALVAGED. STAGE OR IN SITE LOCATION AS SPECIFIED BY OWNER.
- ALL DEPRESSIONS CAUSED BY DEMOLITION PROCEDURES SHALL BE BACKFILLED WITH CLASS 5 FILL MATERIAL, IN 8" LIFTS COMPACTED TO 95% OF MAXIMUM UNIT WEIGHT, UP TO PROPOSED SUBGRADE.
- CONTRACTOR IS RESPONSIBLE FOR DOING AN EARTHWORK CALCULATION FOR CUT, FILL AND REQUIREMENTS, AND IS RESPONSIBLE FOR INCLUDING IMPORT AND EXPORT OF MATERIALS IN THEIR BID. ALL EXCESS MATERIAL (INCLUDING TOPSOIL, CLEAN FILL, AND WASTE MATERIAL) SHALL BE REMOVED FROM THE SITE.
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2. THE CONTRACTOR IS OBLIGATED TO CONFIRMING ALL INFORMATION SHOWN ON THIS SURVEY AND NOTING THE DISCREPANCIES.
3. CONTRACTOR SHALL UTILIZE A PRIVATE UTILITY LOCATOR TO STRIKE PUBLIC AND PRIVATE UTILITY LOCATIONS PRIOR TO START OF CONSTRUCTION. IT IS THE CONTRACTORS RESPONSIBILITY, AT NO COST TO THE OWNER, TO IDENTIFY ANY CHANGES CAUSED TO EXISTING UTILITIES.
4. CONTRACTOR SHALL CONTACT MISS DIE (911) THREE WORKING DAYS PRIOR TO THE START OF CONSTRUCTION FOR STAKING OF UTILITIES.

⊗

SILTSACK SEDIMENT FILTER



REAR YARD INLET SILT FENCE BARRIER

REFER TO SHEET C4.3 FOR SOIL EROSION AND SEDIMENTATION CONTROL DETAILS AND NOTES.

DUE TO GROSS AREA OF DISTURBANCE BEING BELOW 1 ACRE AND CLOSEST BODY OF WATER (TARABUSI CREEK) IS BEYOND 500 LF, NO SOIL EROSION PERMIT IS REQUIRED.



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**Livonia Public Schools
Coolidge Elementary
School**

WATER MAIN IMPROVEMENTS

DEMOLITION PLAN
(AREA B)

SECTION 11
TOWN 1 SOUTH RANGE 9 EAST
CITY OF LIVONIA
WAYNE COUNTY, MICHIGAN

[illegible]

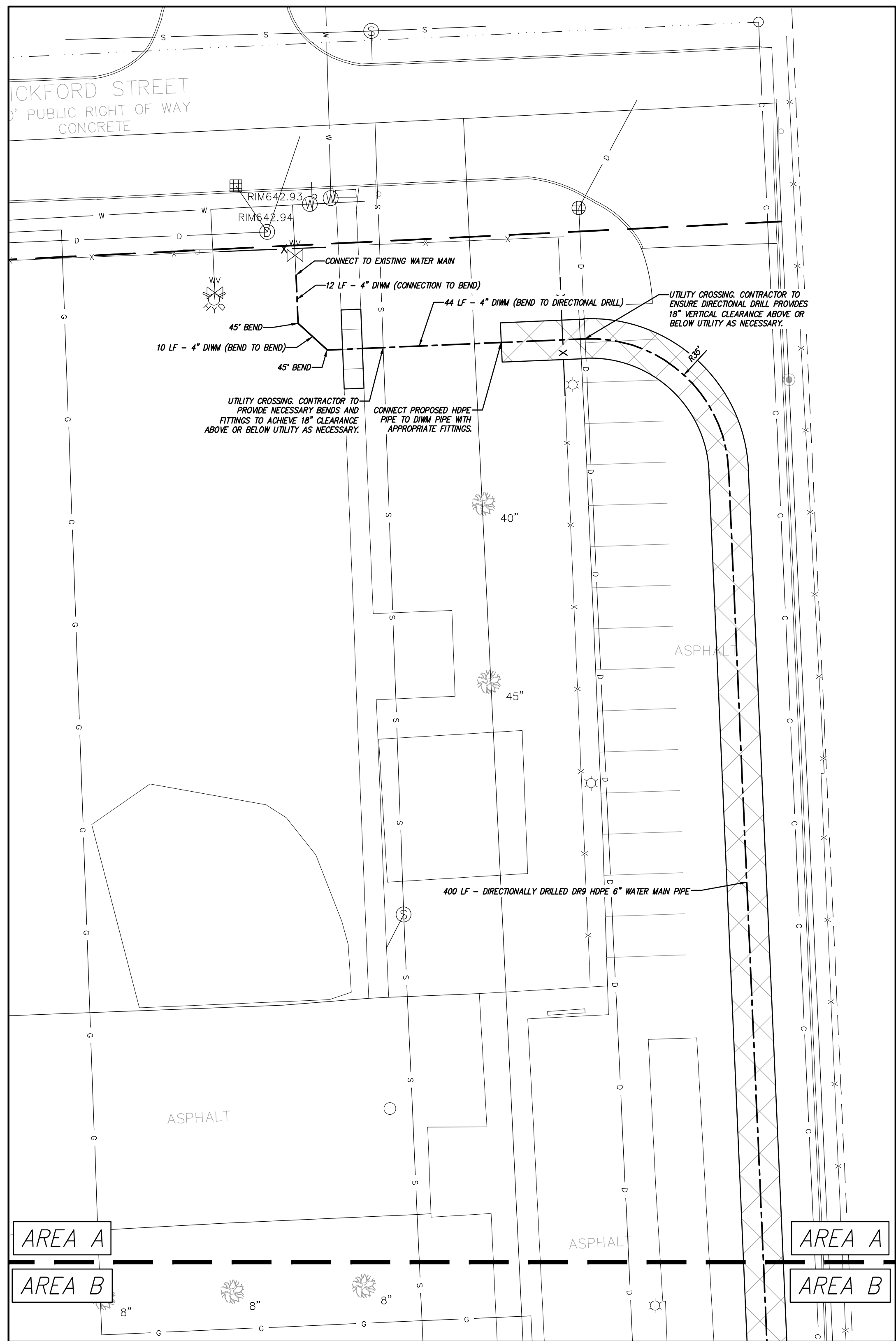
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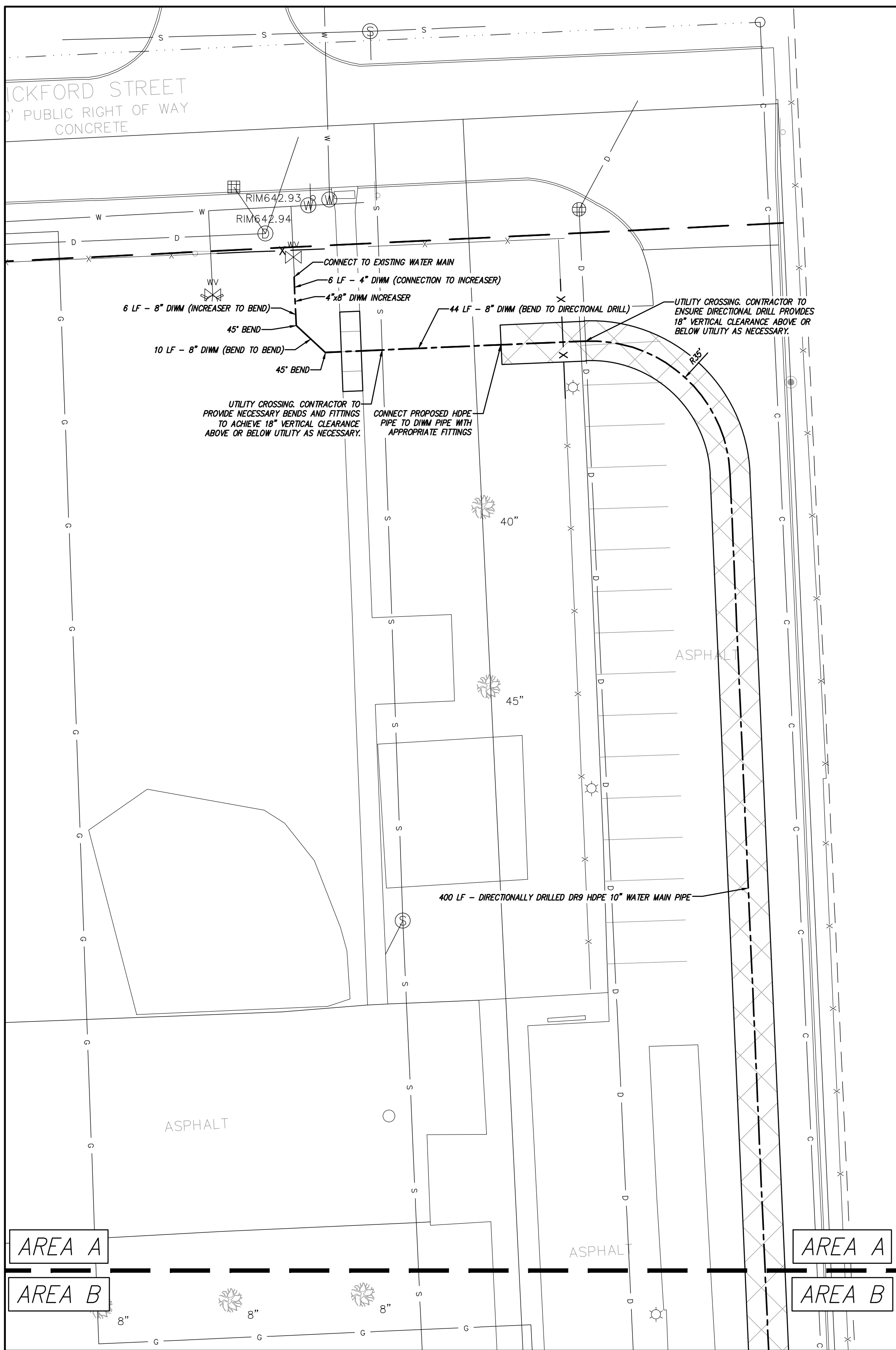
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J. KARWOWSKI		02-23-2026	
DESIGNER		DATE	
J. KARWOWSKI		02-23-2026	
CHECKED		DATE	
J. ENSLEY		03-17-2026	
PROJECT MANAGER		BID PLAN DATE	
J. ENSLEY		TBD	
DEPARTMENT MANAGER APPROVAL		DATE	
T. SOVEL		TBD	
JOB NO.		DRAWING NO.	
NP25150		NP25150DEM	
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1" = 20'		C1.2	

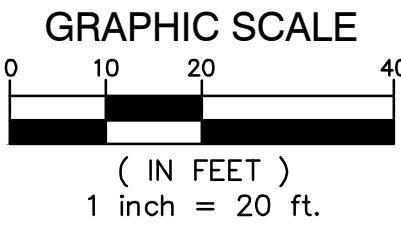
$$1'' = 20$$



BASE BID



ALTERNATE BID



LEGEND

--- PROPOSED WATERMAIN	● PROPOSED SAN MANHOLE (SAN)
--- PROPOSED SANITARY	● PROPOSED STORM MANHOLE (MH)
--- PROPOSED STORM SEWER	■ PROPOSED CATCH BASIN (CB)
--- PROPOSED GAS MAIN	■ PROPOSED INLET (NI)
--- PROPOSED ELECTRIC	▶ PROPOSED END SECTION (ES)
● PROPOSED HYDRANT	⊕ PROPOSED FIELD CATCH BASIN (FCB) W/BEEHIVE COVER OR STANDPIPE (SP) W/ BAR GRATE COVER
⊗ PROPOSED GATE VALVE & WELL (GVW)	⊕ PROPOSED END SECTION (ES)
⊗ PROPOSED TAPPING SLEEVE, VALVE & WELL (TSVW)	⊕ PROPOSED FIELD CATCH BASIN (FCB) W/BEEHIVE COVER OR STANDPIPE (SP) W/ BAR GRATE COVER

STANDARD BITUMINOUS PAVEMENT	2 - UTILITY CROSSING (SEE DATA TABLE)
HEAVY-DUTY BITUMINOUS PAVEMENT	CB - STRUCT. TYPE
DEEP-STRENGTH BITUMINOUS PAVEMENT	2 - STRUCT. NO.
CONCRETE PAVEMENT	20 - STRUCT. NO.
CONCRETE SIDEWALK	10 - STRUCT. NO.
MILL PAVEMENT	20 - STRUCT. TYPE

UTILITY NOTES

- WHERE NOTED AS DIMM, WATER MAIN SHALL BE CLASS 54 DUCTILE IRON. WHERE NOTED AS HOPE, DIRECTIONALLY DRILLED WATER MAIN SHALL BE DR9 IPS HOPE PIPE. WATER MAINS SHALL BE LEAKAGE & PRESSURE TESTED IN ACCORDANCE WITH AWWA STANDARD C900. WATER MAINS SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA STANDARD C651 PRIOR TO BEING PUT INTO SERVICE.
- ALL UTILITY TRENCHES THAT FALL WITHIN A 1'-ON-1' INFLUENCE OF PAVEMENT AREAS SHALL BE BACKFILLED WITH CLASS 2 SAND AND COMPACTED TO 90% OF MAXIMUM DENSITY.
- ALL WATER MAIN SHALL BE BURIED WITH 5.5' OF COVER FROM PROPOSED GRADES. USE 22.5' BENDS TO LOWER WATER MAIN WHERE NOTED AT UTILITY CROSSING.
- WHERE HYDRANTS ARE INDICATED ON THE PLAN, COMPLETE HYDRANT ASSEMBLIES ARE REQUIRED, INCLUDING SHUT-OFF VALVE AND BOX (REFER TO THE STANDARD DETAIL SHEET FOR DETAILED REQUIREMENTS) THE ELEVATION OF THE VALVE BOX SHALL BE EQUAL TO THE FINISH GRADE (FG) ELEVATION OF THE HYDRANT UNLESS OTHERWISE NOTED.
- ALL UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE CITY OF LIVONIA.
- ALL UTILITIES SHALL BE INSTALLED ON CLASS "B" BEDDING OR BETTER.
- ALL HYDRANTS MUST BE AT LEAST 5' FROM THE BACK OF CURB OR EDGE OF PAVEMENT.
- ALL UTILITIES SHALL BE PLACED AT LEAST 10' FROM OTHER UTILITIES, SIGNIFICANT TREES, AND FIXED STRUCTURES.
- LOCATIONS OF LIGHT POLES, IF SHOWN ON THESE DRAWINGS, MAY BE APPROXIMATE. CONFIRM EXACT LOCATION (I.E. CURB OFFSETS, SIDEWALK OFFSETS, ETC.) PRIOR TO STAKING AND CONSTRUCTION. REFER TO SITE ELECTRICAL PLAN FOR DETAILS, AND COORDINATE WITH ELECTRICAL ENGINEER, ARCHITECT, AND CIVIL ENGINEER TO DETERMINE PROPER PLACEMENT.

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Coolidge Elementary
School**

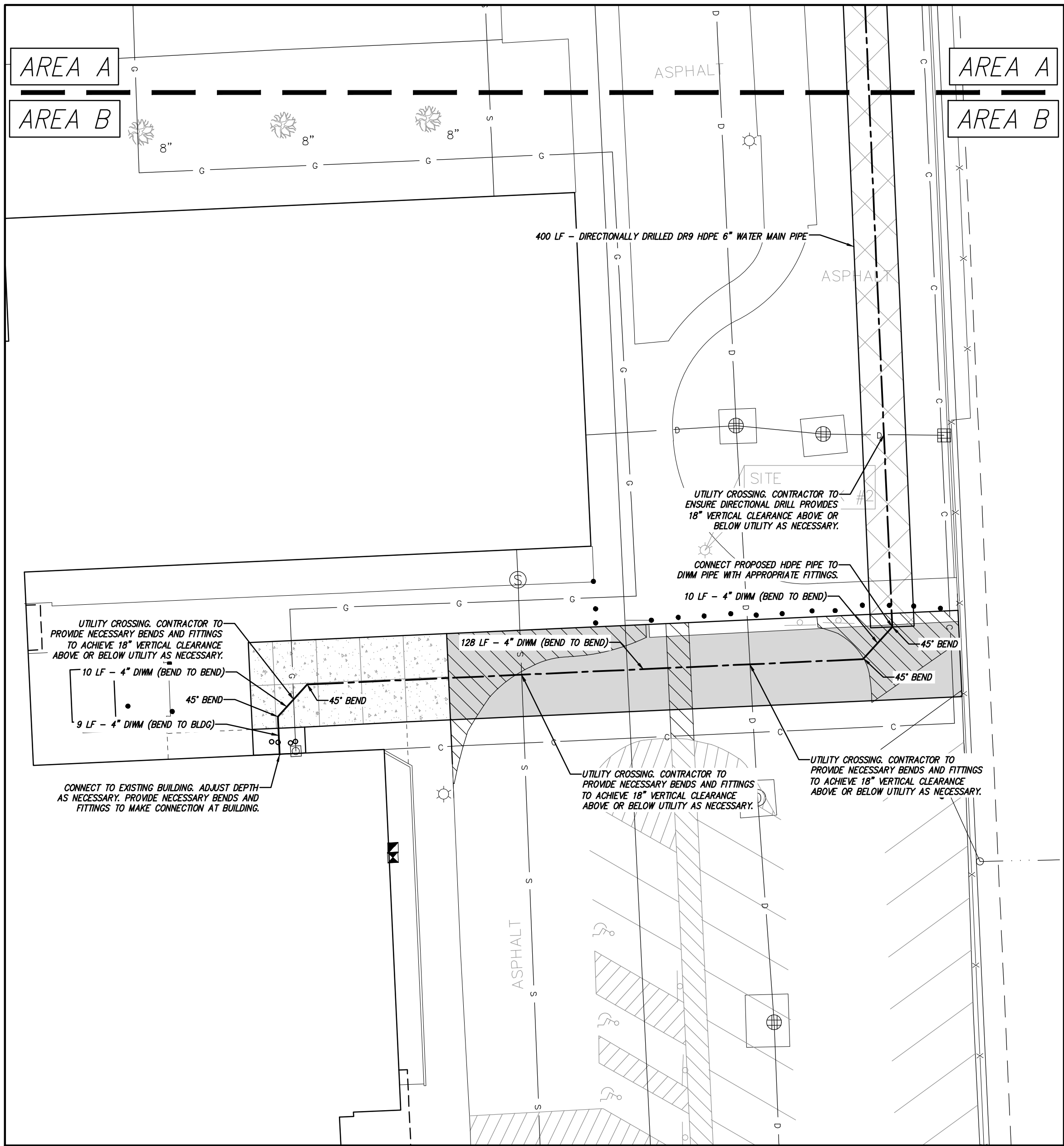
WATER MAIN IMPROVEMENTS

**UTILITY PLAN
(AREA A)**

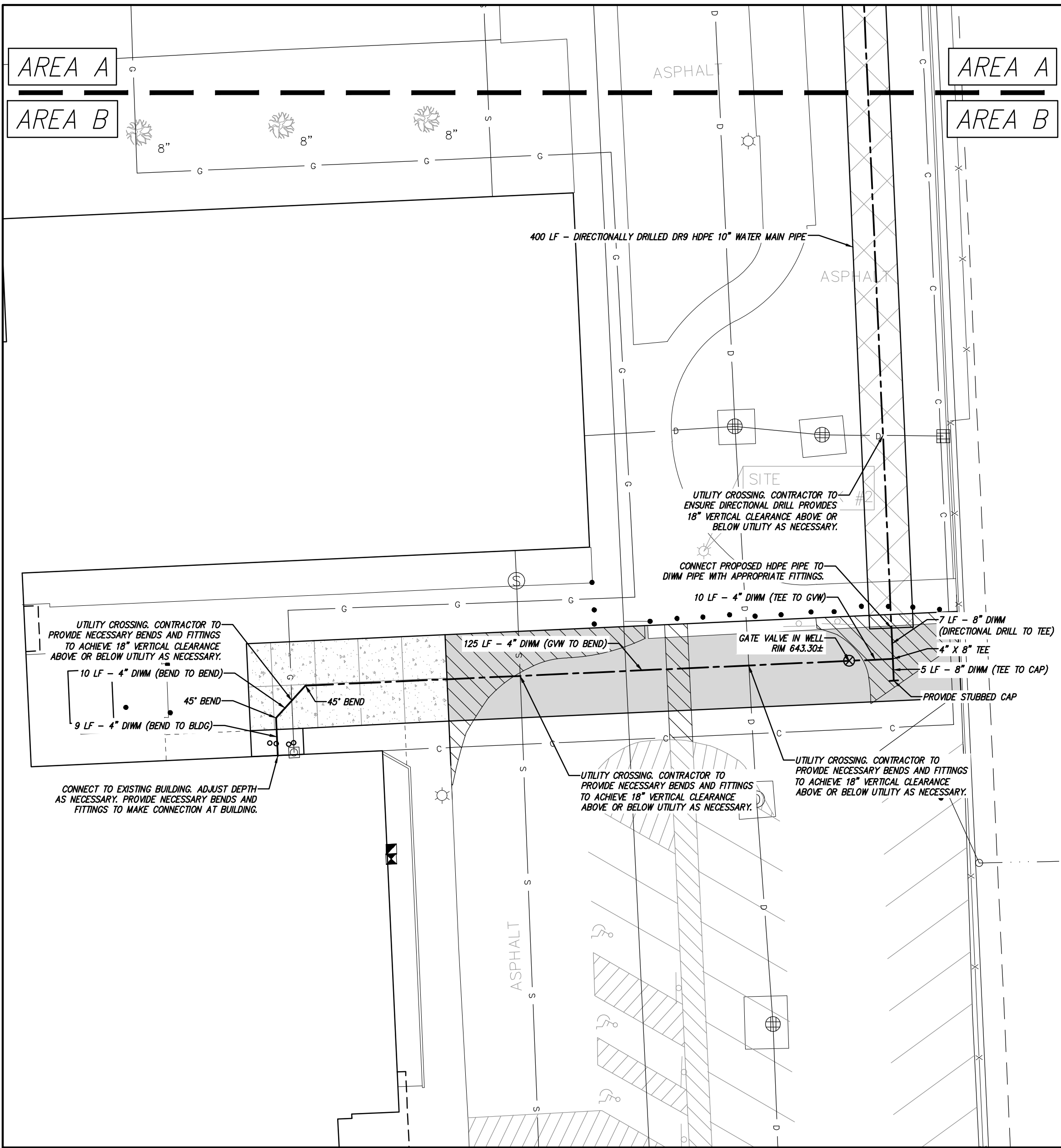
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2	03-23-26	BIDS

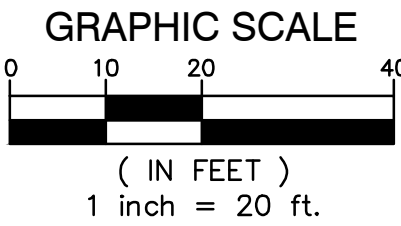
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DEPARTMENT MANAGER APPROVAL	DATE
T. SOVEL	TBD
JOB NO.	DRAWING NO.
NP25150	NP25150UTL
SCALE:	SHEET NO.
1" = 20'	C2.1



BASE BID



ALTERNATE BID



LEGEND

--- PROPOSED WATERMAIN	● PROPOSED SAN MANHOLE (SAN)
--- PROPOSED SANITARY	● PROPOSED STORM MANHOLE (MH)
--- PROPOSED STORM SEWER	■ PROPOSED CATCH BASIN (CB)
--- PROPOSED GAS MAIN	▣ PROPOSED INLET (NL)
--- PROPOSED ELECTRIC	▶ PROPOSED END SECTION (ES)
● PROPOSED HYDRANT	⊕ PROPOSED FIELD CATCH BASIN (FCB) W/BEEHIVE COVER OR STANDPIPE (SP) W/ BAR GRATE COVER
⊗ PROPOSED GATE VALVE & WELL (GVW)	② UTILITY CROSSING (SEE DATA TABLE)
⊗ PROPOSED TAPPING SLEEVE, VALVE & WELL (TSVW)	CB 2 STRUCT. TYPE 2 STRUCT. NO.
STANDARD BITUMINOUS PAVEMENT	20 SANITARY SEWER STRUCTURE
HEAVY-DUTY BITUMINOUS PAVEMENT	20 WATERMAIN STRUCTURE
DEEP-STRENGTH BITUMINOUS PAVEMENT	△ STRUCT. NO. XXX STRUCT. TYPE
CONCRETE PAVEMENT	
CONCRETE SIDEWALK	
MILL PAVEMENT	

UTILITY NOTES

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- ALL UTILITY TRENCHES THAT FALL WITHIN A 1'-ON-1' INFLUENCE OF PAVEMENT AREAS SHALL BE BACKFILLED WITH CLASS 2 SAND AND COMPACTED TO 90% OF MAXIMUM DENSITY.
- ALL WATER MAIN SHALL BE BURIED WITH 5.5' OF COVER FROM PROPOSED GRADES. USE 22.5' BENDS TO LOWER WATER MAIN WHERE NOTED AT UTILITY CROSSING.
- WHERE HYDRANTS ARE INDICATED ON THE PLAN, COMPLETE HYDRANT ASSEMBLIES ARE REQUIRED, INCLUDING SHUT-OFF VALVE AND BOX (REFER TO THE STANDARD DETAIL SHEET FOR DETAILED REQUIREMENTS) THE ELEVATION OF THE VALVE BOX SHALL BE EQUAL TO THE FINISH GRADE (FG) ELEVATION OF THE HYDRANT UNLESS OTHERWISE NOTED.
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Livonia Public Schools
Coolidge Elementary School

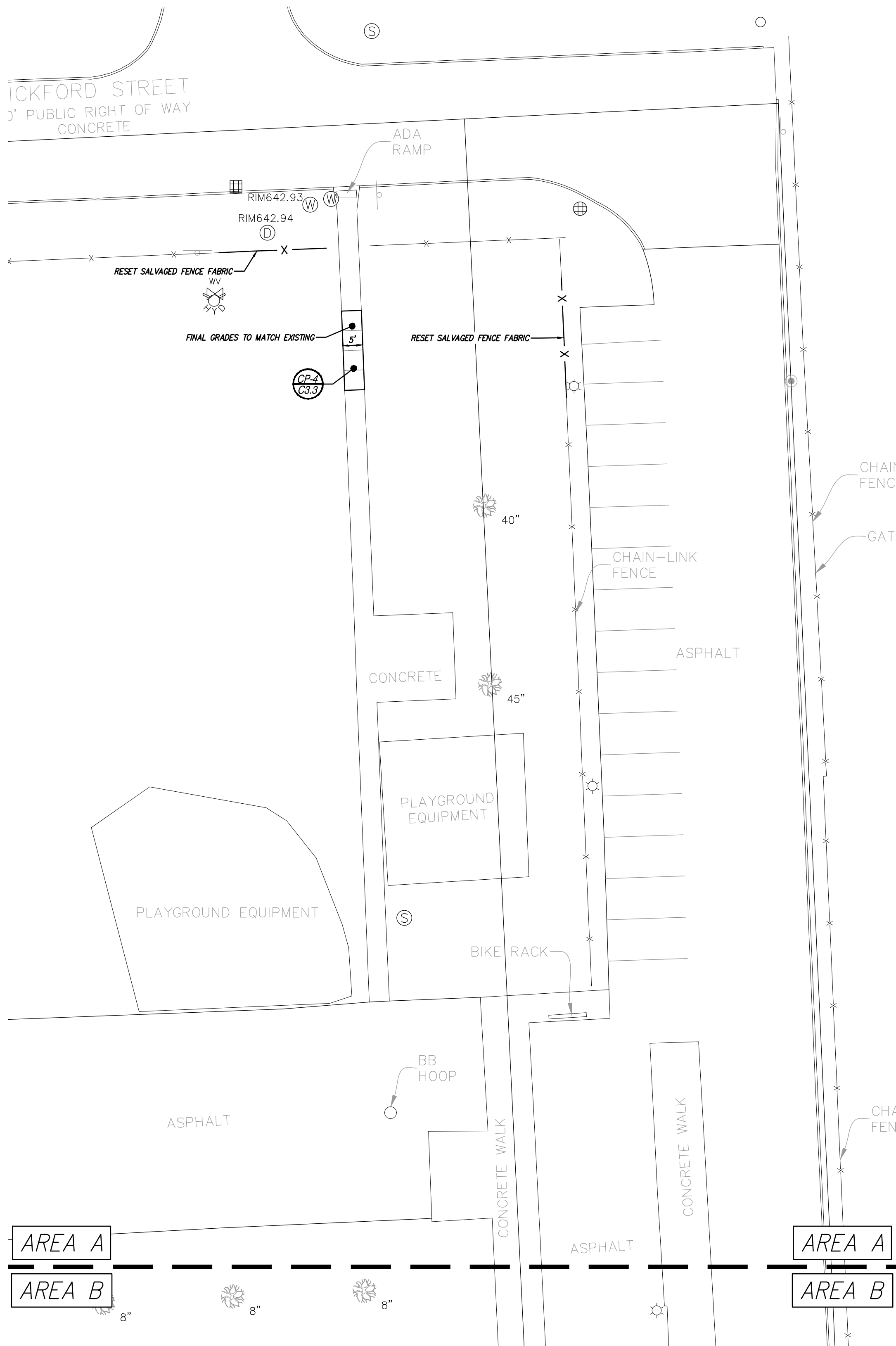
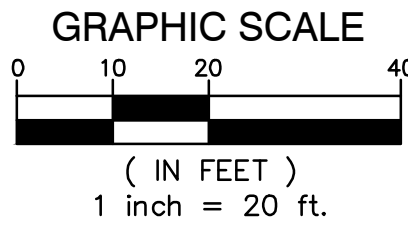
WATER MAIN IMPROVEMENTS

UTILITY PLAN (AREA B)

SECTION 11
TOWN 1 SOUTH RANGE 9 EAST
CITY OF LIVONIA
WAYNE COUNTY, MICHIGAN

NO.	DATE	REVISION
1	03-18-26	OWNER REVIEW
2	03-23-26	BIDS

VERIFY SCALES	
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	
DRAWN BY J. KARWOWSKI	DATE 02-23-2026
DESIGNED BY J. KARWOWSKI	DATE 02-23-2026
CHECKED BY J. ENSLEY	DATE 03-17-2026
PROJECT MANAGER J. ENSLEY	BID PLAN DATE TBD
DEPARTMENT MANAGER APPROVAL T. SOVEL	DATE TBD
JOB NO. NP25150	DRAWING NO. NP25150UTL
SCALE: 1" = 20'	SHEET NO. C2.2



LEGEND

- | | |
|--|---|
| --- PROPOSED WATERMAIN | ● PROPOSED SAN MANHOLE (SAN) |
| --- PROPOSED SANITARY | ● PROPOSED STORM MANHOLE (MH) |
| --- PROPOSED GAS MAIN | ■ PROPOSED CATCH BASIN (CB) |
| --- PROPOSED STORM SEWER | ■ PROPOSED INLET (INL) |
| --- PROPOSED ELECTRIC | ▶ PROPOSED END SECTION (ES) |
| --- PROPOSED HYDRANT | ⊕ PROPOSED FIELD CATCH BASIN (FCB) W/BEEHIVE COVER OR STANDPIPE (SP) W/ BAR GRATE COVER |
| ● PROPOSED GATE VALVE & WELL (GVW) | ② UTILITY CROSSING (SEE DATA TABLE) |
| ⊗ PROPOSED TAPPING SLEEVE, VALVE & WELL (TSVW) | CB STRUCT. TYPE 2 STRUCT. NO. |
| STANDARD BITUMINOUS PAVEMENT | 20 |
| HEAVY-DUTY BITUMINOUS PAVEMENT | 10 STRUCT. NO. 200 STRUCT. TYPE |
| DEEP-STRENGTH BITUMINOUS PAVEMENT | |
| CONCRETE PAVEMENT | |
| CONCRETE SIDEWALK | |
| MILL PAVEMENT | |
| STORM SEWER STRUCTURE | |
| SANITARY SEWER STRUCTURE | |
| WATERMAIN STRUCTURE | |

PAVING CONSTRUCTION NOTES

1. EARTHWORK AND PAVEMENT CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT MDT STANDARD SPECIFICATIONS FOR CONSTRUCTION UNLESS OTHERWISE NOTED IN THE FOLLOWING ITEMS.
2. REMOVE ANY EXISTING TOPSOIL, VEGETATION, TREES AND OTHER DELETERIOUS MATERIALS TO EXPOSE THE SUBGRADE SOIL. TREE ROOTS SHALL BE COMPLETELY REMOVED.
3. EXCAVATE TO THE DEPTH OF THE FINAL SUBGRADE ELEVATION TO ALLOW FOR GRADE CHANGES AND THE PLACEMENT OF THE RECOMMENDED PAVEMENT SYSTEM.
4. THE TOP 12 INCHES OF THE EXPOSED SUBGRADE SHALL BE COMPACTED TO A DENSITY NO LESS THAN 95 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR (ASTM D 1557-91).
5. THE FINAL SUBGRADE SHALL BE THOROUGHLY PROPOFFERED UNDER THE OBSERVATION OF A GEOTECHNICAL/PAVEMENT ENGINEER. LOOSE OR YIELDING AREAS WHICH CANNOT BE MECHANICALLY STABILIZED SHALL BE REMOVED AND REPLACED WITH ENGINEERED FILL OR AS DICTATED BY FIELD CONDITIONS.
6. THE AGGREGATE BASE SHALL BE COMPACTED TO A DENSITY NO LESS THAN 95 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR (ASTM D 1557-91). THE BASE SHALL EXTEND A MINIMUM OF 1 FOOT BEYOND THE PAVED EDGE.
7. ALL BITUMINOUS MATERIAL SHALL BE COMPACTED TO A DENSITY NO LESS THAN 97 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY THE MARSHALL METHOD.
8. A BOND COAT OF SS-1H EMULSION IS REQUIRED BETWEEN THE LEVELING COURSE AND THE WEARING COURSE WHEN EITHER 24 HOURS HAVE ELAPSED BETWEEN PLACEMENT OF THE BITUMINOUS COURSES OR THE SURFACE OF THE PAVEMENT HAS BEEN CONTAMINATED WITH DIRT, DUST, OR FOREIGN MATERIAL. THE BOND COAT SHALL BE APPLIED IN A UNIFORM MANNER OVER THE SURFACE AT A RATE OF 0.1 GALLONS/S.Y. IN THE EVENT A BOND COAT IS NOT REQUIRED, THE LEVELING COURSE MAY REQUIRE LOCALIZED BROOM CLEANING.
9. PERFORMANCE GRADE PGSS-28 ASPHALT CEMENT SHALL BE USED IN THE PRODUCTION OF ALL BITUMINOUS MIXTURES. RECLAIMED ASPHALT PAVEMENT (RAP) SHALL BE ALLOWED ONLY AS SPECIFIED BY THE CURRENT MDT STANDARD SPECIFICATIONS FOR CONSTRUCTION, UNLESS NOTED ON THE PROJECT DETAILS.
10. CONSTRUCTION TRAFFIC SHALL BE MINIMIZED ON THE NEW PAVEMENT. IF CONSTRUCTION TRAFFIC IS ANTICIPATED ON THE PAVEMENT STRUCTURE, THE PLACEMENT OF THE FINAL LIFT SHALL BE DELAYED UNTIL THE MAJORITY OF THE CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED. THIS ACTION WILL ALLOW REPAIR OF LOCALIZED FAILURES, IF ANY, OCCUR, AS WELL AS REDUCE LOAD DAMAGE ON THE PAVEMENT SYSTEM. THE CONTRACTOR IS RESPONSIBLE FOR REPAIR TO ANY DAMAGED SECTION RESULTING FROM CONSTRUCTION ACTIVITY.
11. RESTORE PARKING LOTS AS SHOWN, USING 4" PAVEMENT MARKING - BLUE FOR BARRIER FREE SPACES, YELLOW FOR STANDARD SPACES. IF NEW PARKING LAYOUT IS NOT INDICATED, MATCH ORIGINAL STRIPING PATTERN.
12. CONTRACTOR SHALL PROTECT EXISTING CURB, GUTTER, SIDEWALK, WALLS, FENCES AND ALL OTHER EXISTING SITE FEATURES NOT INDICATED FOR REMOVAL OR REHABILITATION.
13. PLACE EXPANSION JOINTS WHERE NEW CONCRETE PAVEMENT OR WALKS ABUT BUILDING WALLS (PROPOSED OR EXISTING), COLUMN WALLS OR BASES, CONCRETE FOUNDATIONS OR BASES, CURBS, OR EXISTING CONCRETE PAVEMENT. PLACE JOINT SEALANT ON ALL EXPANSION JOINTS.
14. CONTRACTOR TO CONSTRUCT CONTRACTION AND EXPANSION JOINTS IN ALL NEW CONCRETE PAVEMENT. CONTRACTION JOINTS SHALL BE TOoled WHERE SIDEWALK WIDTH IS 8' OR LESS, AND SHALL BE SPACED EQUAL TO THE WIDTH OF THE PAVEMENT (I.E. 8' SPACING FOR 8' WIDE WALK), BUT NOT MORE THAN 10' APART. PLACE EXPANSION JOINTS WITH JOINT SEALANT AT MAXIMUM 50' SPACING. CONTRACTOR SHALL GENERALLY MATCH THE JOINT PATTERNS FOR CONCRETE PAVEMENT WHEN SHOWN ON THE PLANS.
15. WHERE THESE PLANS DEFFER FROM THE STANDARD DETAILS OR STANDARD SPECIFICATIONS OF THE COMMUNITY, THE COMMUNITY REQUIREMENTS SHALL GOVERN.
16. CONCRETE PAVEMENT SHALL MEET THE REQUIREMENTS FOR MDT GRADE 4000 CONCRETE PER THE CURRENT MDT STANDARD SPECIFICATIONS FOR CONSTRUCTION.
17. APPLY SILENCURE SRT (OR APPROVED EQUIVALENT) ACRYLIC CURING COMPOUND ON ALL CONCRETE PAVING, CURBS, AND WALKS (APPLY PER MANUFACTURER RECOMMENDATIONS).

GRADING NOTES

1. CONTRACTOR TO PLACE ALL NEW PAVEMENT TO THE GRADES INDICATED, OR MATCH ORIGINAL GRADES IF NEW GRADES ARE NOT SHOWN. CONTRACTOR SHALL CONFIRM MINIMUM 1% PAVEMENT SLOPES ARE ATTAINED IN ALL AREAS.
2. PROPOSED GRADES MAY BE BASED ON AN INTERPOLATION OF DATA SHOWN ON THE TOPOGRAPHIC SURVEY. THIS INTERPOLATED DATA IS APPROXIMATE AND COULD DIFFER SLIGHTLY BASED ON THE ACCURACY OF THE SURVEY. CONTRACTOR SHALL CONFIRM THAT THE PROPOSED GRADES SHOWN ON THIS PLAN WILL NOT CREATE A STANDING WATER CONDITION (I.E. A LOW SPOT OR PAVEMENT SLOPES LESS THAN 1%) OR AN UNSAFE CONDITION WITH SLOPES IN EXCESS OF 5%. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF THEY BELIEVE THAT ONE OF THESE SITUATIONS WILL OCCUR BASED ON THE PROPOSED GRADES.
3. ALL PAVEMENT PLACED WITHIN BARRIER FREE PARKING AREAS (STALLS AND ACCESS AISLES) SHALL HAVE A MAXIMUM SLOPE OF 5% IN ANY DIRECTION, INCLUDING MEASURED DIAGONALLY ACROSS THE AREAS. CONTRACTOR SHALL ADJUST SLOPES AS NECESSARY TO PROVIDE ADA COMPLIANT SLOPES AS WELL AS PROVIDING RE-GRADED TRANSITION SLOPES OUTSIDE OF THE BARRIER FREE PARKING AREAS. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF TRANSITION ZONES WILL EXCEED MAXIMUM 5% SLOPES. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE PATTERNS WITH ALL NECESSARY PAVEMENT RE-GRADING.
4. ALL BARRIER FREE RAMPS AND ADA ACCESSIBLE ROUTES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT VERSION OF MDT DETAIL R-28 "SIDEWALK RAMP AND DETECTABLE WARNING DETAILS".
5. CONTRACTOR IS RESPONSIBLE FOR CONTROLLING STORM WATER RUNOFF DURING CONSTRUCTION OPERATIONS. OF PARTICULAR CONCERN WILL BE THE TIME PERIOD AFTER THE SITE HAS BEEN STRIPPED AND NOT YET RESTORED, BUILT UPON OR PAVED. CONTRACTOR MUST INSTALL OR CONSTRUCT APPROPRIATE TEMPORARY MEASURES TO PROTECT ADJACENT PROPERTIES.

RESTORATION NOTE

RESTORE ALL NON-PAVED AREAS WITH 3" OF CLEAN TOPSOIL AND SEED MIX (50% KENTUCKY BLUEGRASS, 20% PERENNIAL RYEGRASS, 30% CREEPING RED FESCUE). PLACE MULCH IN ALL SEED AREAS. ON SLOPES IN EXCESS OF 10 HORIZONTAL TO 1 VERTICAL PLACE NORTH AMERICAN GREEN DISTO MULCH BLANKET IMMEDIATELY AFTER SEEDING. USE METAL STAPLES PER MANUFACTURERS RECOMMENDATIONS TO HOLD MATING IN PLACE.

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Livonia Public Schools Coolidge Elementary School

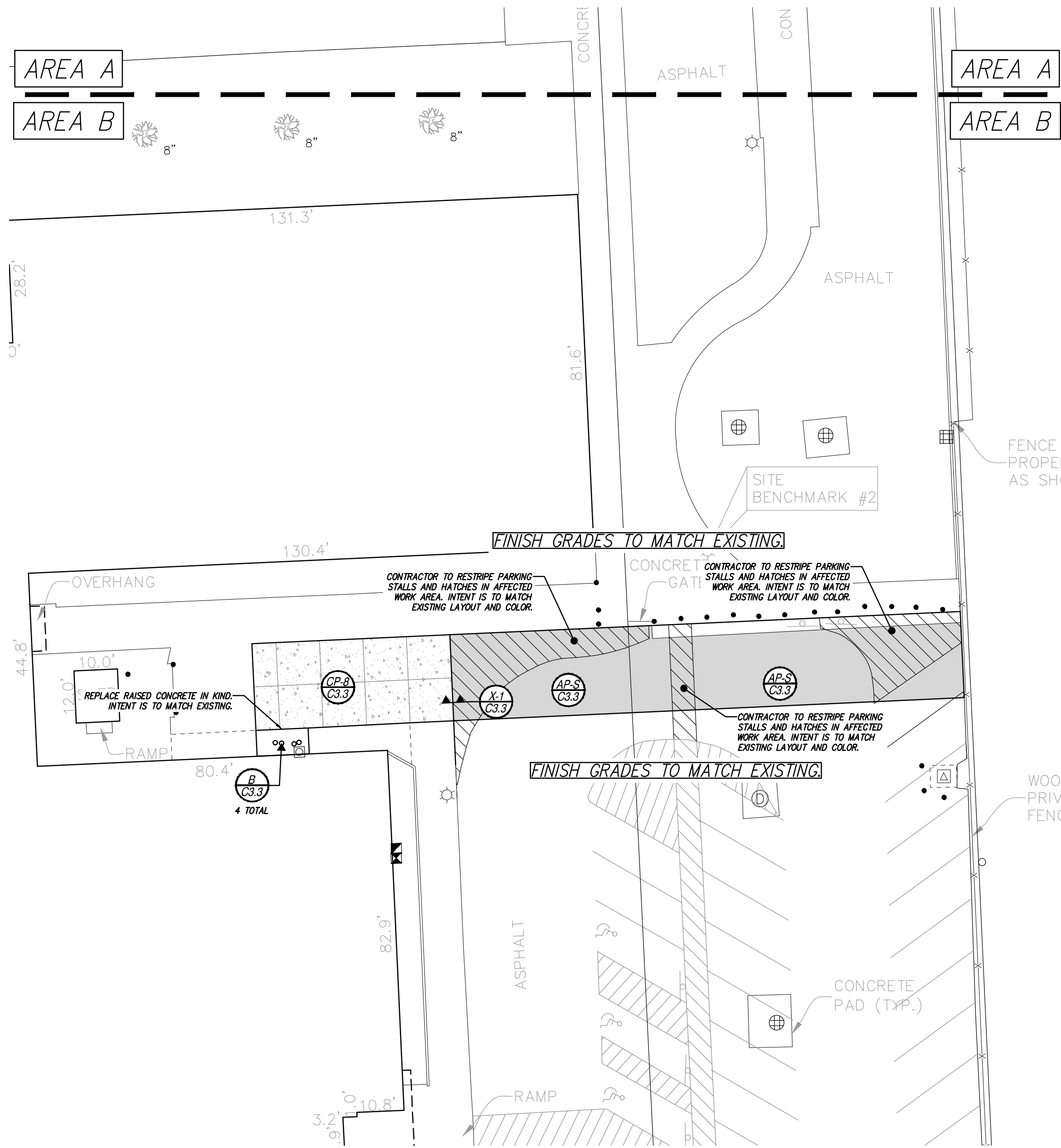
WATER MAIN IMPROVEMENTS

PAVING & GRADING PLAN (AREA A)

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TOWN 1 SOUTH RANGE 9 EAST
CITY OF LIVONIA
WAYNE COUNTY, MICHIGAN

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02-23-2026	02-23-2026
DESIGNER	DATE
J. KARWOWSKI	03-17-2026
CHECKED	BID PLAN DATE
J. ENSLEY	TBD
PROJECT MANAGER	DATE
J. ENSLEY	TBD
DEPARTMENT MANAGER APPROVAL	DATE
T. SOVEL	TBD
JOB NO.	DRAWING NO.
NP25150	NP25150PAV
SCALE:	SHEET NO.
1" = 20'	C3.1



LEGEND

---	PROPOSED WATERMAIN	●	PROPOSED SAN MANHOLE (SAN)
---	PROPOSED SANITARY	●	PROPOSED STORM MANHOLE (MH)
---	PROPOSED STORM SEWER	■	PROPOSED CATCH BASIN (CB)
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		20	STRUCT. NO.
		10	STRUCT. NO.
		20	STRUCT. TYPE
		10	STRUCT. TYPE

STANDARD BITUMINOUS PAVEMENT
HEAVY-DUTY BITUMINOUS PAVEMENT
DEEP-STRENGTH BITUMINOUS PAVEMENT
CONCRETE PAVEMENT
CONCRETE SIDEWALK
MILL PAVEMENT

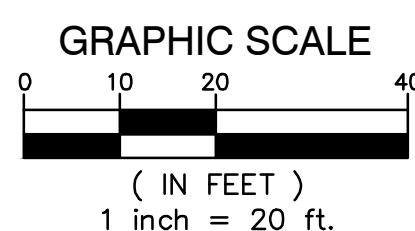
STORM SEWER STRUCTURE
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 - ALL PAVEMENT PLACED WITHIN BARRIER FREE PARKING AREAS (STALLS AND ACCESS AISLES) SHALL HAVE A MAXIMUM SLOPE OF 3% IN ANY DIRECTION, INCLUDING MEASURED DIAGONALLY ACROSS THE AREAS. CONTRACTOR SHALL ADJUST SLOPES AS NECESSARY TO PROVIDE ADA COMPLIANT SLOPES AS WELL AS PROVIDING RE-GRADED TRANSITION SLOPES OUTSIDE OF THE BARRIER FREE PARKING AREAS. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF TRANSITION ZONES WILL EXCEED MAXIMUM 5% SLOPES. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE PATTERNS WITH ALL NECESSARY PAVEMENT RE-GRADEING.
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**Livonia Public Schools
Coolidge Elementary
School**

WATER MAIN IMPROVEMENTS

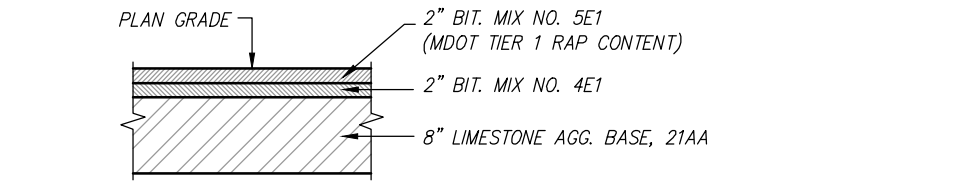
**PAVING & GRADING PLAN
(AREA B)**

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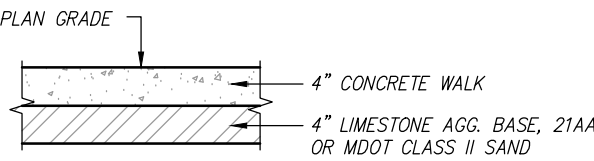
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Plotted: Mar 20, 2026 9:47 AM by user: 1192 - Saved: 3/18/2026 by user: 791
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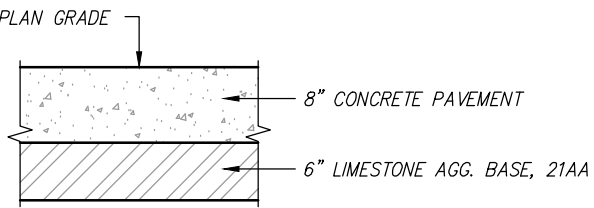
DETAIL
STANDARD BITUMINOUS PAVEMENT

A2-A
C3.3



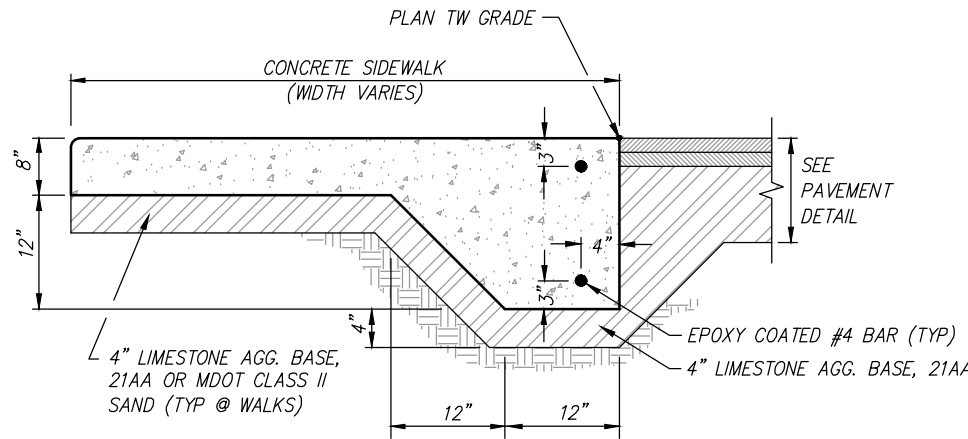
DETAIL
4" CONCRETE WALK

CP-2
C3.3



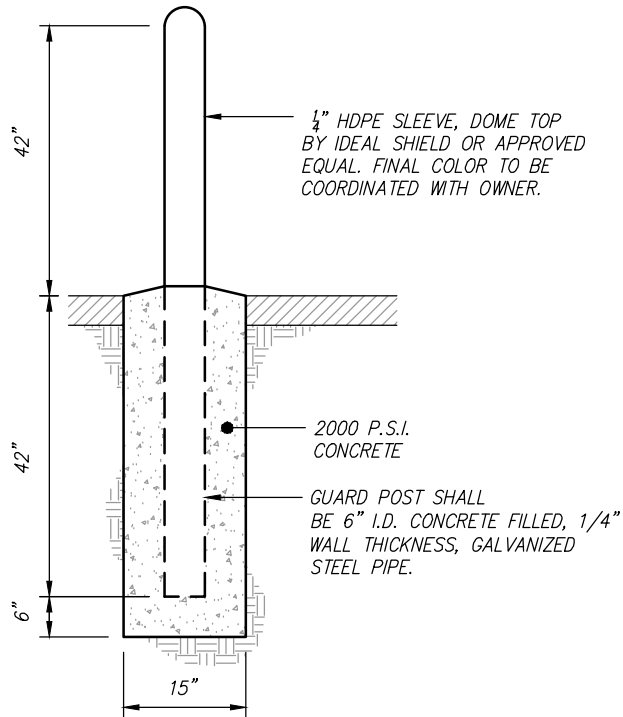
DETAIL
8" CONCRETE PAVEMENT

CP-2
C3.3



SECTION
WALK FLUSH W/ PAVEMENT SECTION

X-1
C3.3



DETAIL
BOLLARD DETAIL

B
C3.3



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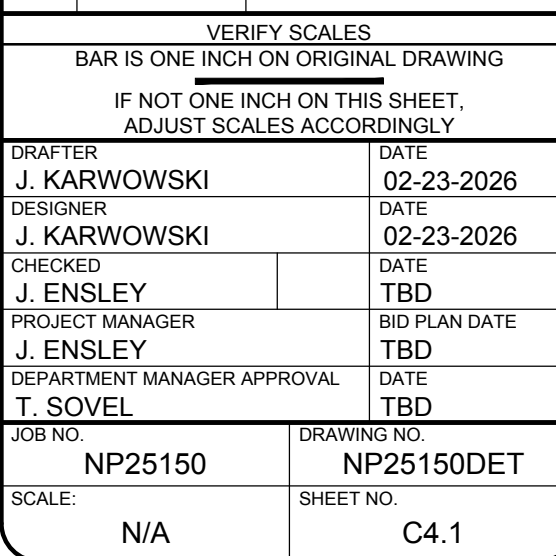
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Livonia Public Schools
Coolidge Elementary
School

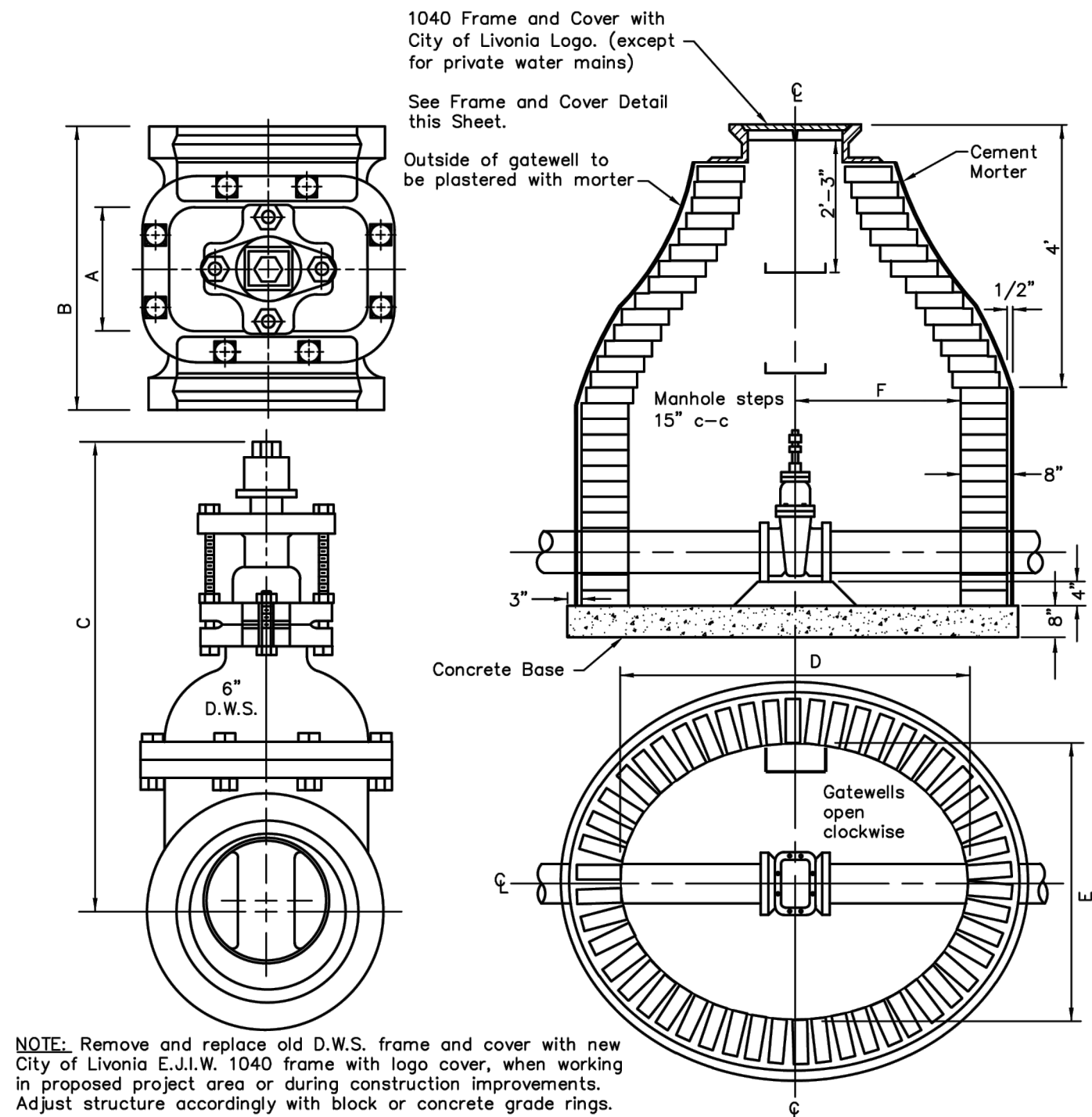
WATER MAIN IMPROVEMENTS

PAVING DETAILS

SECTION 11		
TOWN 1 SOUTH RANGE 9 EAST		
CITY OF LIVONIA		
WAYNE COUNTY, MICHIGAN		
NO.	DATE	REVISION
1	03-18-26	OWNER REVIEW
2	03-23-26	BIDS
VERIFY SCALES		
BAR IS ONE INCH ON ORIGINAL DRAWING		
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY		
DRAWN BY	DATE	
J. KARWOWSKI	02-23-2026	
DESIGNER	DATE	
J. KARWOWSKI	02-23-2026	
CHECKED	DATE	
J. ENSLEY	03-17-2026	
PROJECT MANAGER	BID PLAN DATE	
J. ENSLEY	TBD	
DEPARTMENT MANAGER APPROVAL	DATE	
T. SOVEL	TBD	
JOB NO.	DRAWING NO.	
NP25150	NP25150DET	
SCALE:	SHEET NO.	
N/A	C3.3	



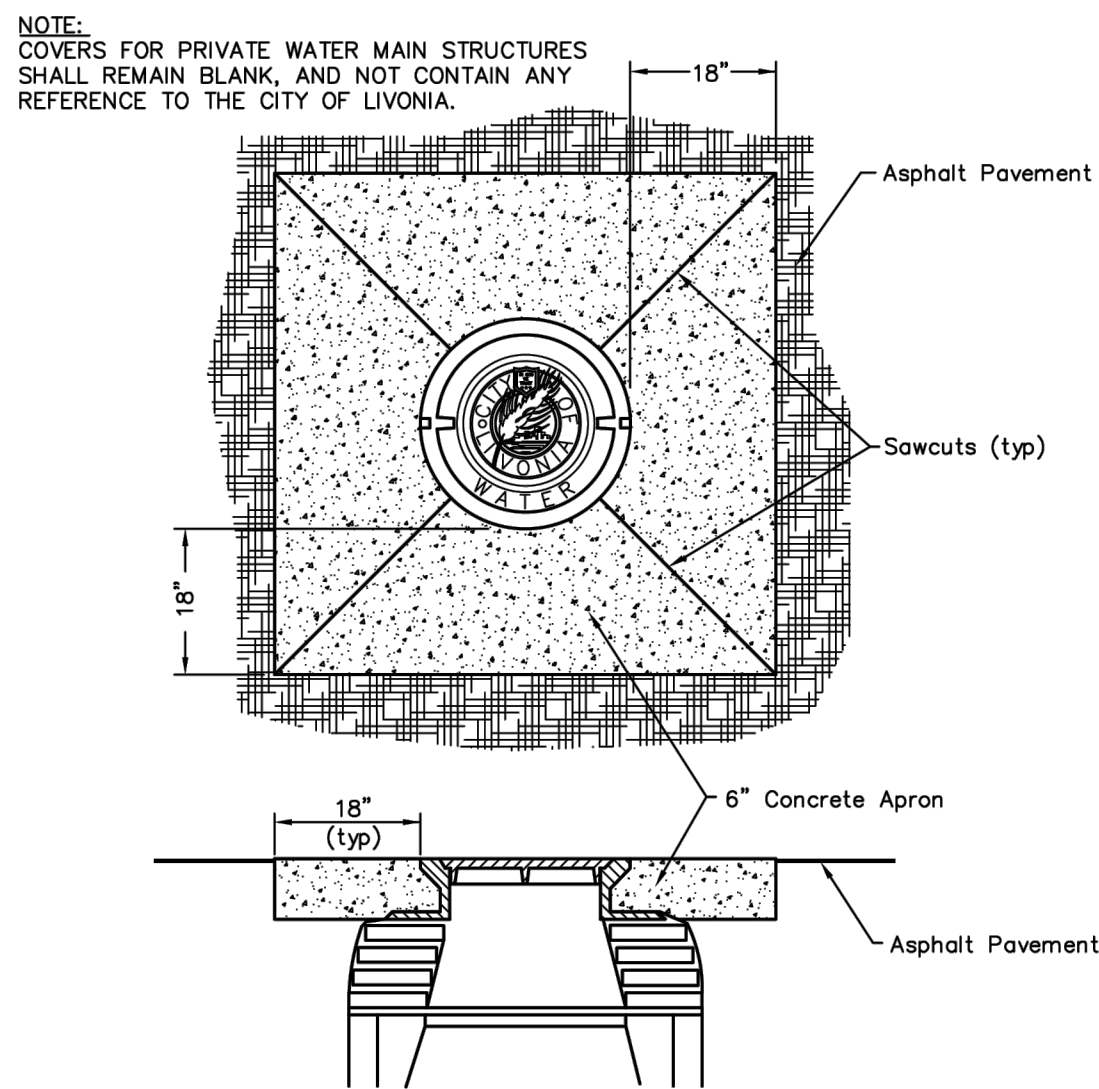
Plotted Mar 20, 2026, 9:50 AM by user: 1192 - Saved: 3/18/2026 by user: 791
N:\NP2510D Projects\NP25150 - Livonia Schools - Coolidge ES - Water Main\DWG\NP25150DET.dwg



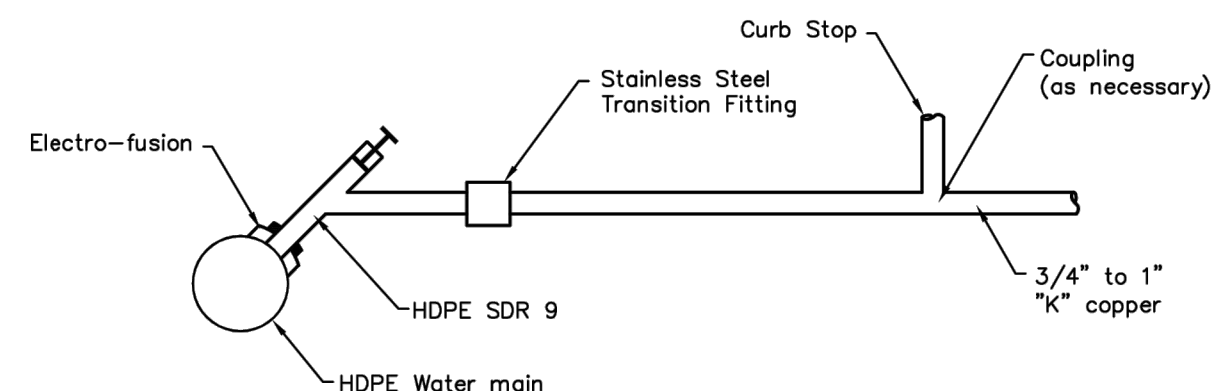
NOTE: Remove and replace old D.W.S. frame and cover with new City of Livonia E.J.I.W. 1040 frame with logo cover, when working in proposed project area or during construction improvements. Adjust structure accordingly with block or concrete grade rings.

SIZE	WEIGHT OF VALVE (lb)	A	B	C	D	E	F
4	120	5 1/2"	11 1/2"	16 3/16"	5'-0"	4'-0"	2'-6"
6	200	5 3/4"	12 3/4"	21 1/8"	5'-0"	4'-0"	2'-6"
8	300	6 3/4"	13 3/4"	27 1/8"	5'-0"	4'-0"	2'-6"
10	378	6 1/2"	14"	29 7/8"	5'-6"	4'-6"	2'-9"
12	547	8"	15 1/2"	33 13/16"	5'-6"	4'-6"	2'-9"
16	1300	10 3/4"	19"	43 3/8"	6'-0"	5'-6"	3'-0"

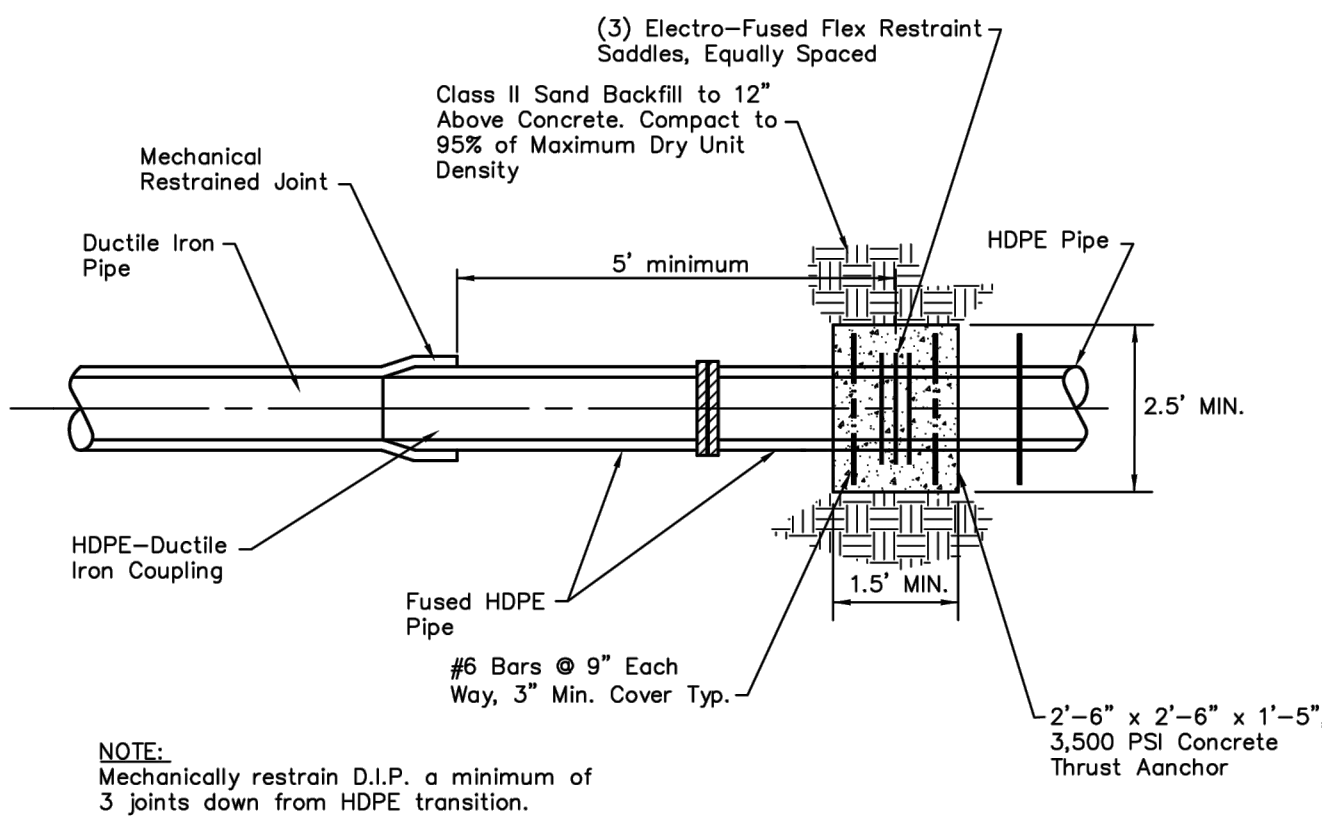
EXISTING BRICK 6" TO 16" GATE-WELLS
(REFERENCE DRAWING)



WATER MANHOLE APRON

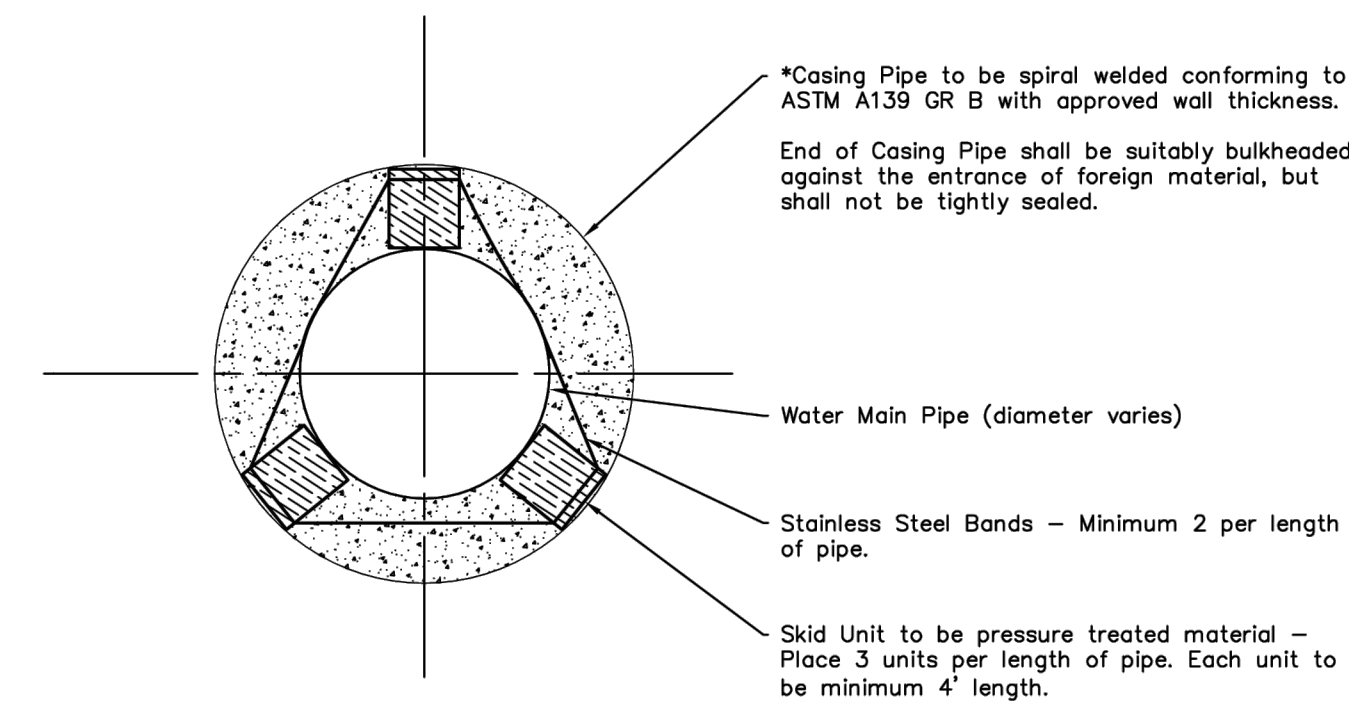
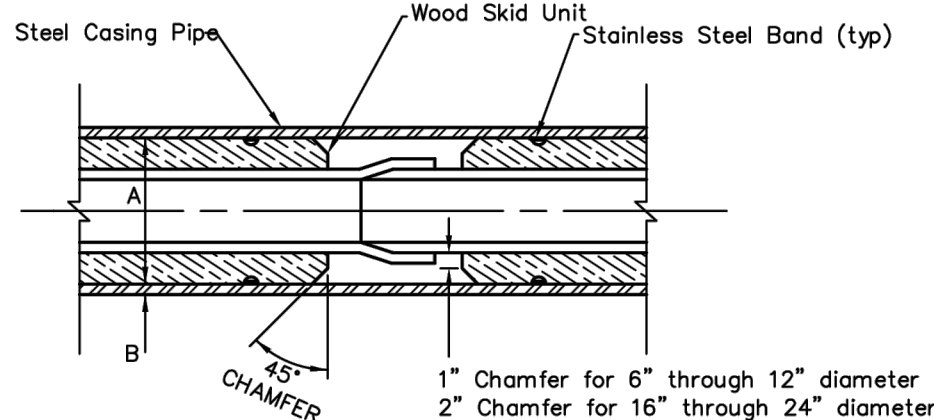


HOUSE LEAD DETAIL
(HDPE TO COPPER)



NOTE: Mechanically restrain D.I.P. a minimum of 3 joints down from HDPE transition.

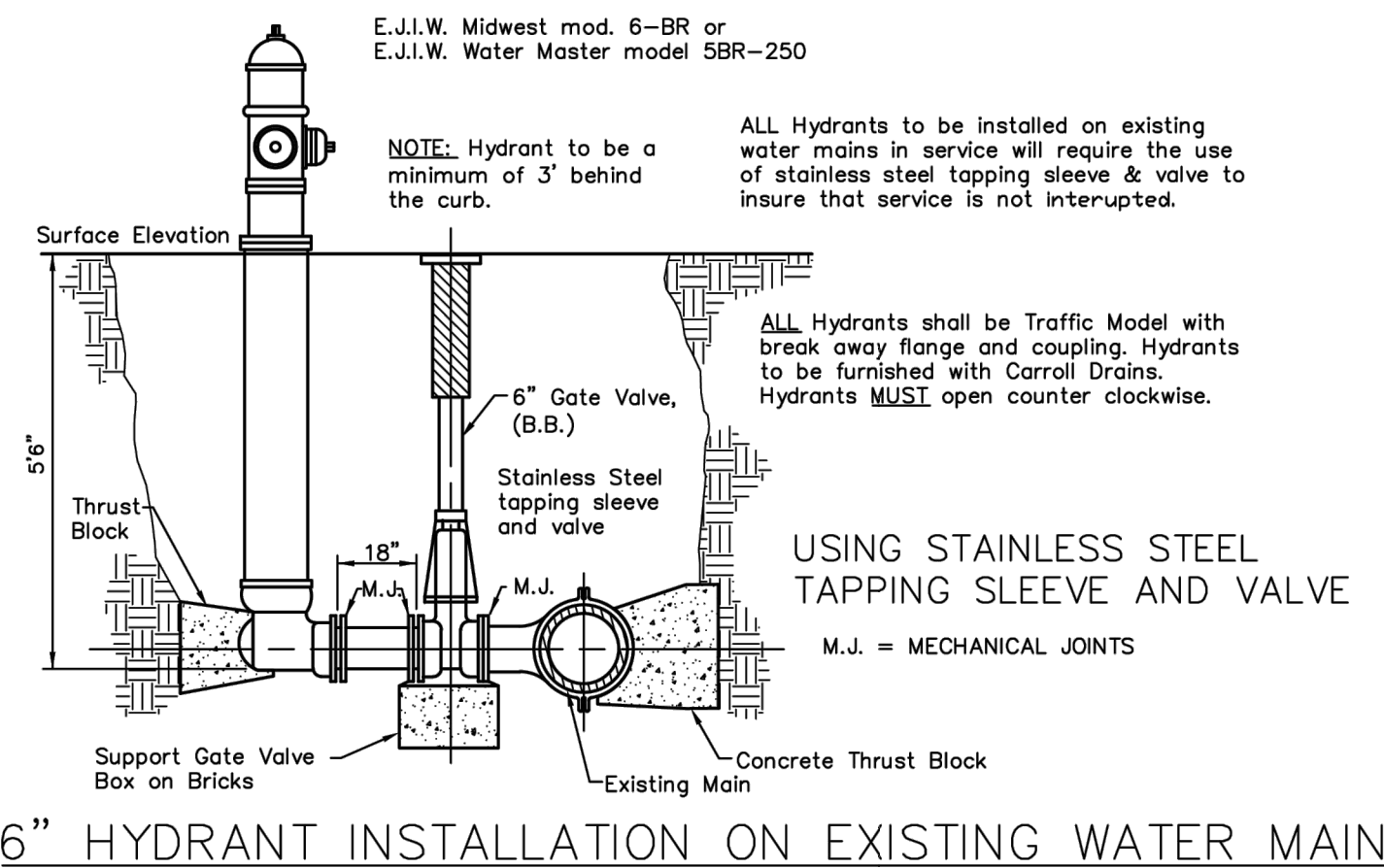
HDPE-DUCTILE IRON PIPE CONNECTION



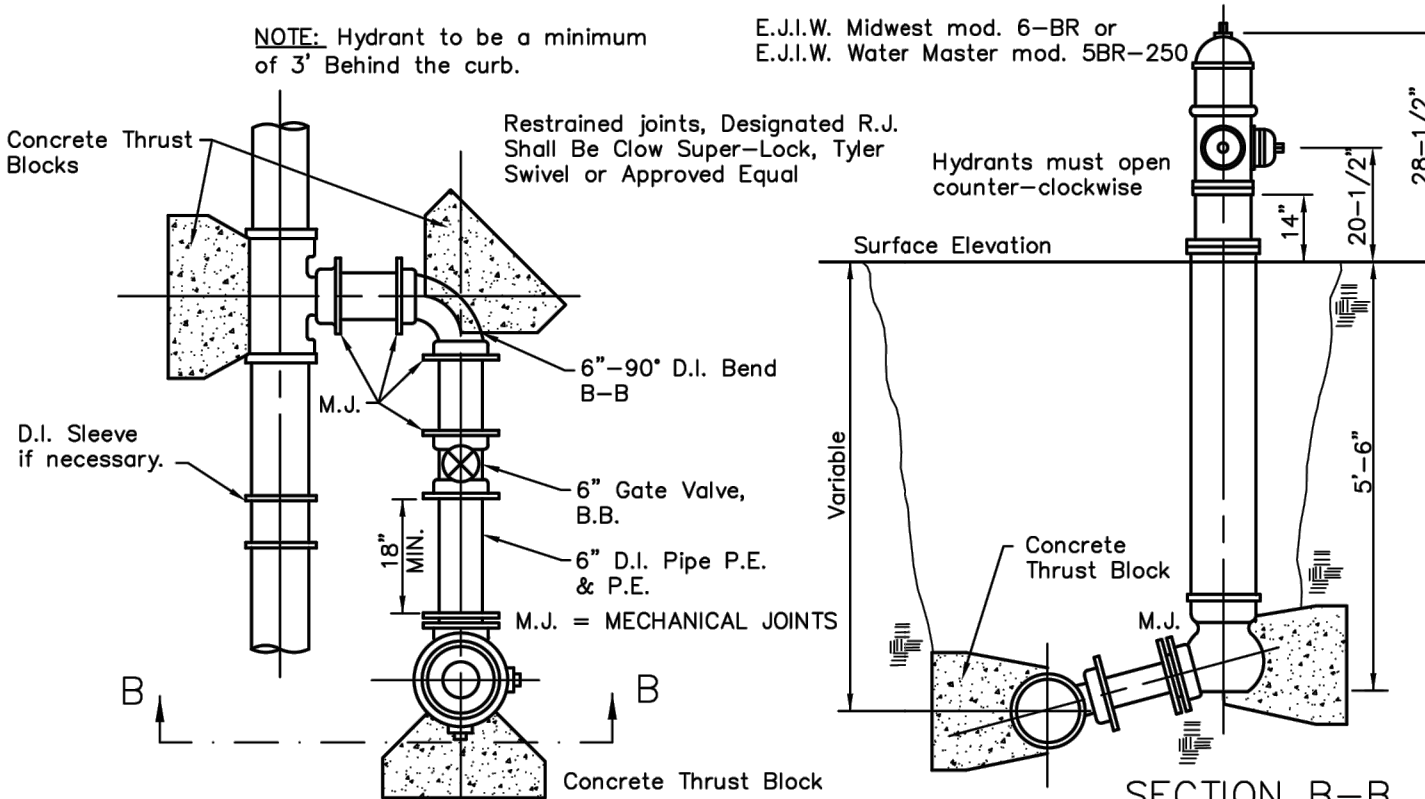
DIA. OF SANITARY SEWER (IN)	DIA. OF WATER MAIN (IN)	MIN. "A" (IN)	ROAD CROSSING MIN "B" (IN)	RAILROAD CROSSING MIN "B" (IN)
6	16	0.375	0.375	
8	18	0.375	0.375	
12	24	0.375	0.438	
10	16	0.375	0.500	
12-15	20	0.375	0.500	
18	24	0.375	0.500	

- NOTE:
- The annular space within the casing pipe shall be filled approximately two thirds full of granular material Class II (M.D.O.T.) or pea pebble. The top of the Water Main or upper spaces, if any, shall not be in contact with the casing pipe.
 - Casing pipe diameter to be a minimum of 10" larger than water main diameter.

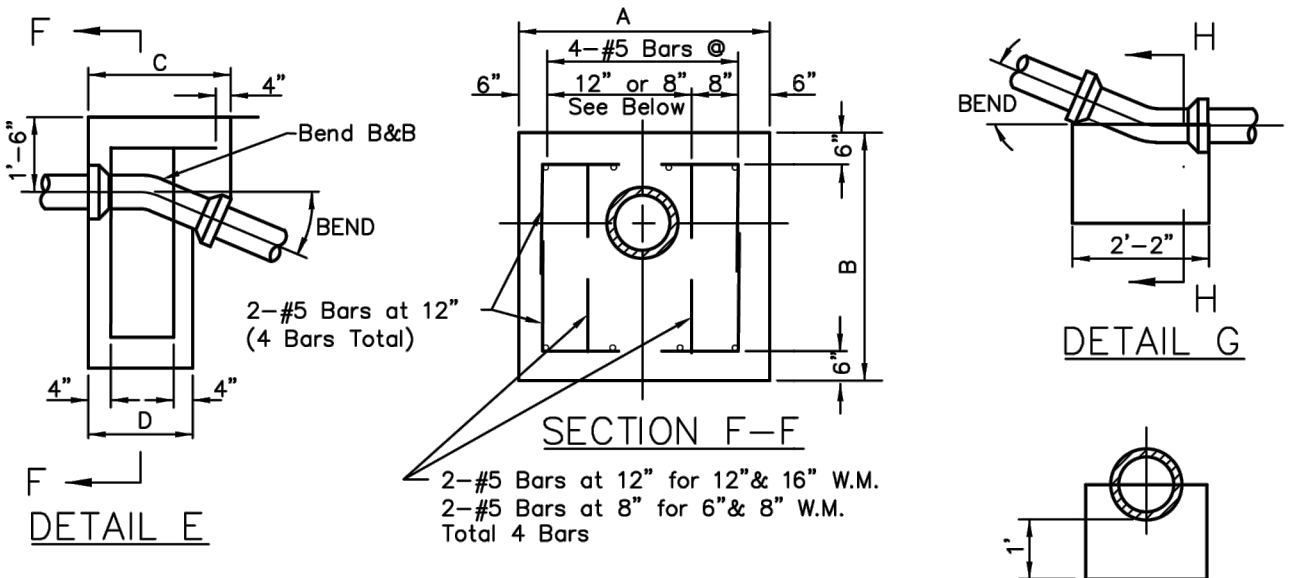
SKID UNIT AND CASING DETAIL FOR WATER MAIN



6" HYDRANT INSTALLATION ON EXISTING WATER MAIN

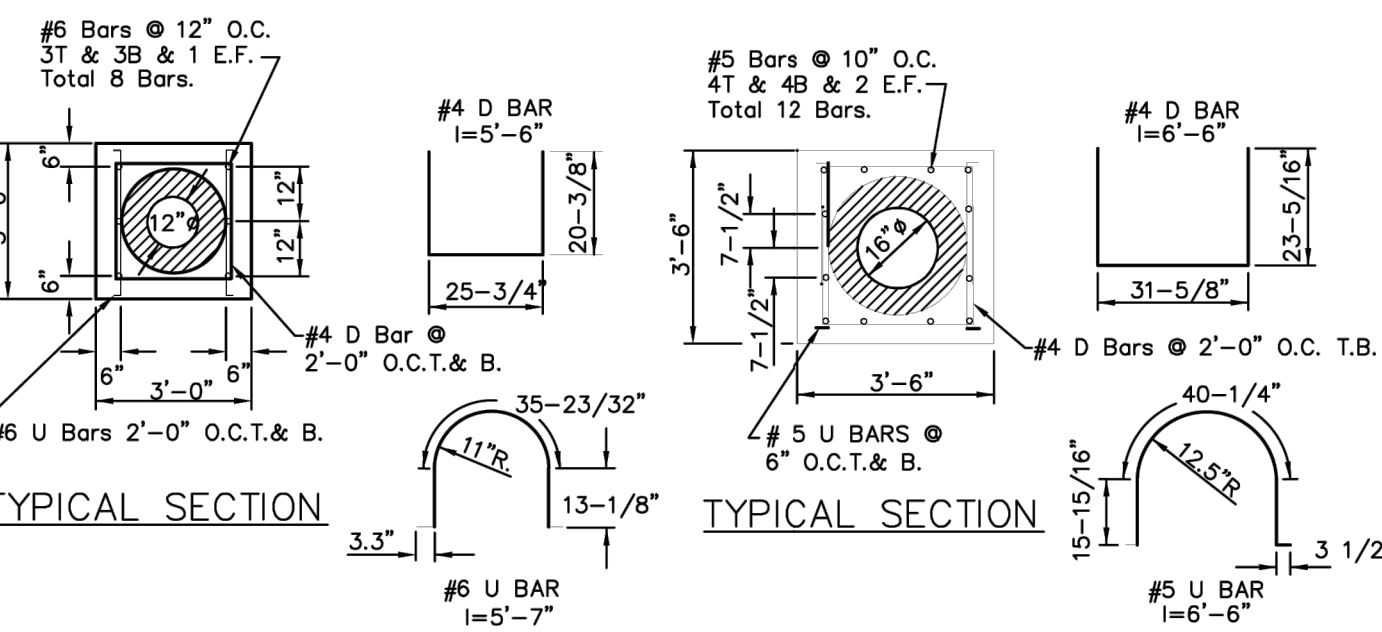


DETAIL OF 6" HYDRANT INSTALLATION



PIPE SIZE	BEND	A	B	C	D
6"	22 1/2"	3'-0"	3'-6"	1'-4"	1'-3"
8"	22 1/2"	3'-0"	3'-6"	1'-7"	1'-5"
12"	22 1/2"	4'-0"	4'-0"	1'-11"	1'-7"
12" - 16"	45'-30"	5'-0"	4'-6"	2'-9"	1'-10"
16"	22 1/2"	4'-0"	4'-0"	2'-1"	1'-8"

VERTICAL BENDS



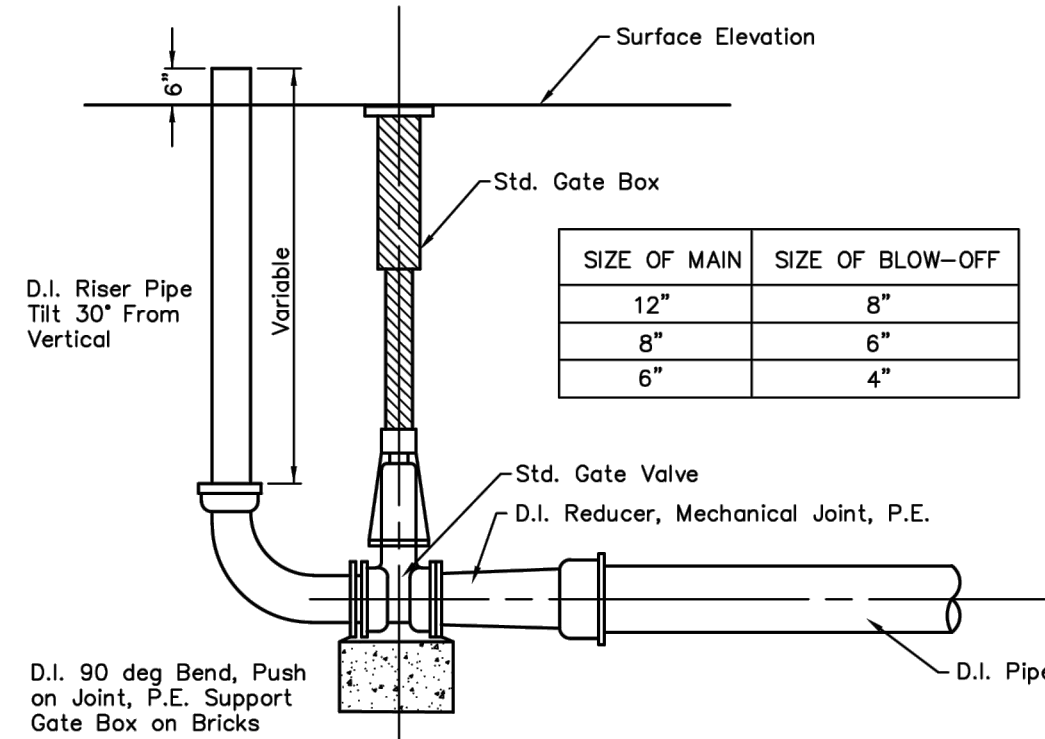
ENCASEMENT DETAIL FOR
12" D.I. WATER MAIN

Total Steel Per Lin. Ft. of Encasement = 50.45 Lbs
Concrete Per Lin. Ft. of Encasement = 0.30 Cu.Yd.

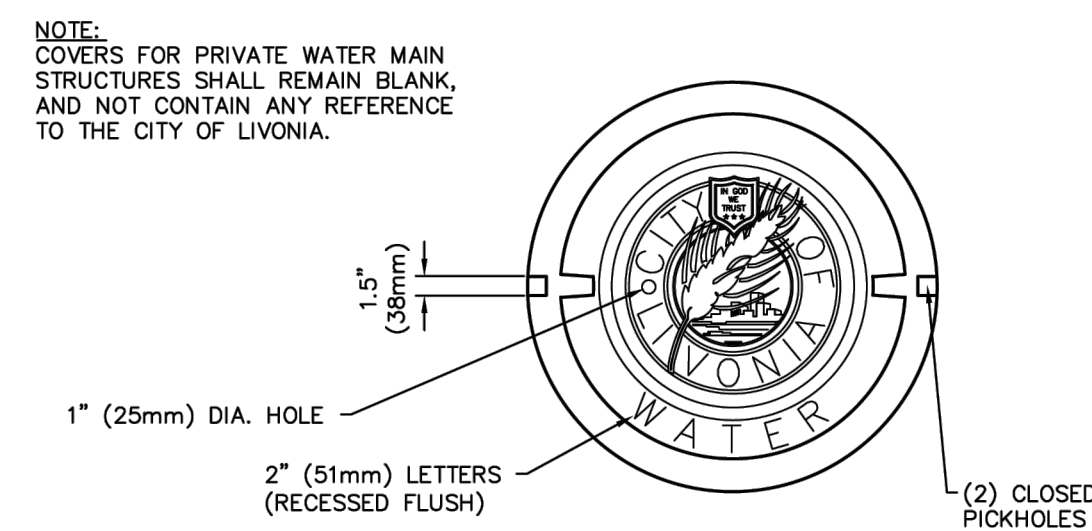
ENCASEMENT DETAIL FOR
16" D.I. WATER MAIN

Total Steel Per Lin. Ft. of Encasement = 43.23 Lbs
Concrete Per Lin. Ft. of Encasement = 0.39 Cu.Yd.

CONCRETE ENCASEMENT DETAILS



DETAIL OF TEMPORARY BLOW-OFF



FRAME AND COVER DETAIL
(E.J.I.W. 1040)



CITY OF LIVONIA
Department of Public Works, Engineering Division
33000 Civic Center Drive
Livonia, Michigan 48154
(734) 466-2570, (734) 466-2195 Fax

WATER MAIN STANDARD DETAILS

2

DATE	10/19/75	SHEET	2 OF 2
REV.	DATE	REVISION	
1	05/20/06	CADD: dl	
2	09/20/07	ENG: tz	
3	02/20/10	TECH: jk	
4	12/20/13	Water Main Detailing	
5	12/20/21	Water Main Detailing	

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**Livonia Public Schools
Coolidge Elementary
School**

WATER MAIN IMPROVEMENTS

**CITY OF LIVONIA
WATER MAIN DETAILS (2 OF 2)**

SECTION 11
TOWN 1 SOUTH RANGE 9 EAST
CITY OF LIVONIA
WAYNE COUNTY, MICHIGAN

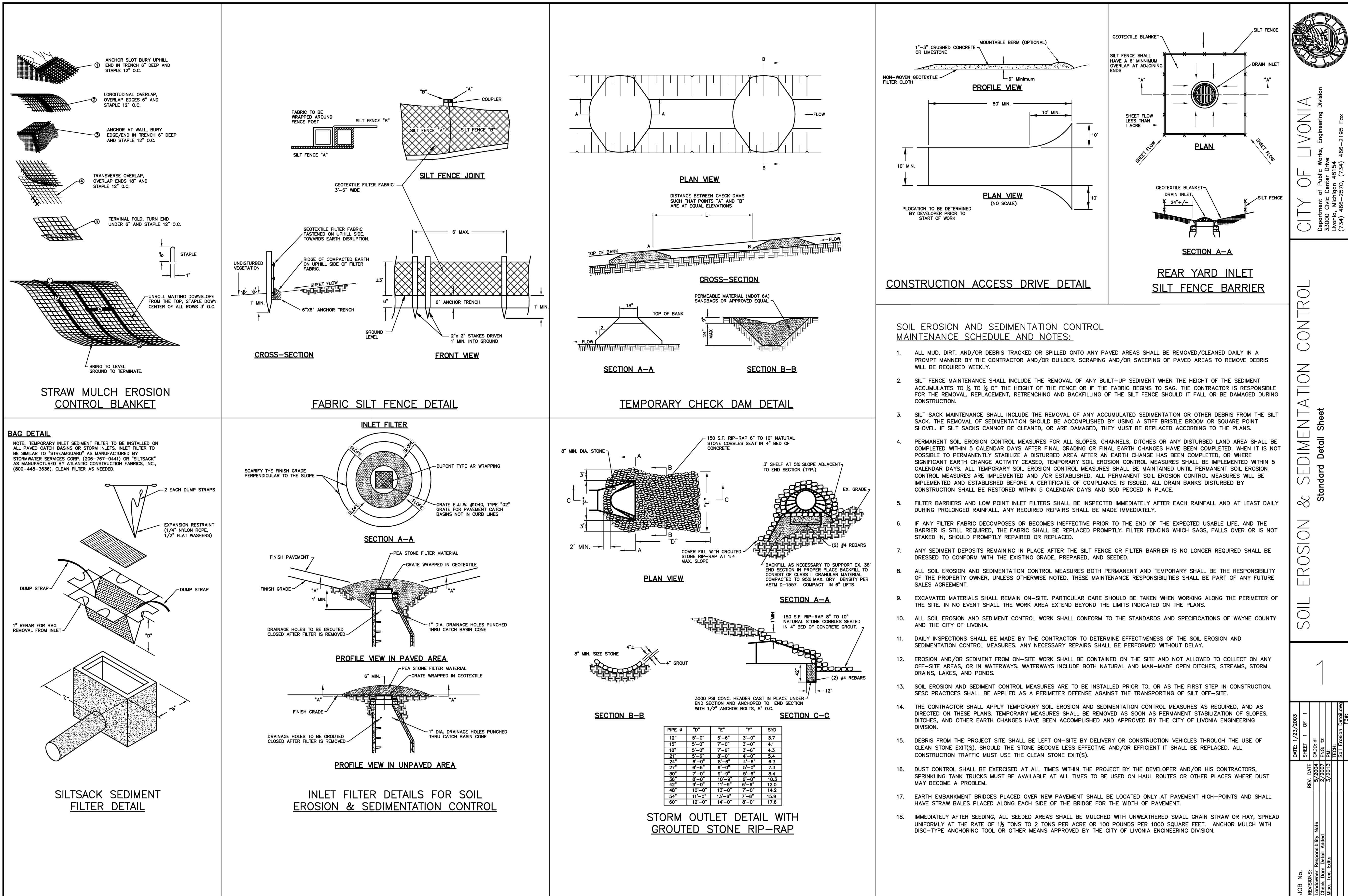
NO.	DATE	REVISION
1	03-18-26	OWNER REVIEW
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DATE	10/19/75	SHEET	2 OF 2
REV.	DATE	REVISION	
1	05/20/06	CADD: dl	
2	09/20/07	ENG: tz	
3	02/20/10	TECH: jk	
4	12/20/13	Water Main Detailing	
5	12/20/21	Water Main Detailing	

VERIFICATION SCALES
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IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY

DRAWN BY: J. KARWOWSKI
DESIGNED BY: J. KARWOWSKI
CHECKED BY: J. ENSLEY
PROJECT MANAGER: J. ENSLEY
DEPARTMENT MANAGER APPROVAL: T. SOVEL
JOB NO: NP25150
SCALE: N/A

DATE: 02-23-2026
DATE: 02-23-2026
DATE: 03-17-2026
DATE: TBD
DATE: TBD
DRAWING NO: NP25150DET
SHEET NO: C4.2



CITY OF LIVONIA
Department of Public Works, Engineering Division
33000 Civic Center Drive
Livonia, Michigan 48154
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SOIL EROSION & SEDIMENTATION CONTROL
Standard Detail Sheet

1

JOB No.	DATE	REV. DATE	REV. NO.	REV. BY	REV. DESCRIPTION
NP25150	1/23/2023	1/23/2023	1	OF 1	REVISED
DESIGNER	J. KARWOWSKI	DATE	02-23-2026		
CHECKED	J. KARWOWSKI	DATE	02-23-2026		
PROJECT MANAGER	J. ENSLEY	DATE	03-17-2026		
DEPARTMENT MANAGER APPROVAL	T. SOVEL	DATE	TBD		
JOB NO.	NP25150	DRAWING NO.	NP25150SESC		
SHEET NO.	N/A	SHEET NO.	C4.3		

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Livonia Public Schools
Coolidge Elementary School

WATER MAIN IMPROVEMENTS
SOIL EROSION & SEDIMENTATION CONTROL
DETAILS & NOTES

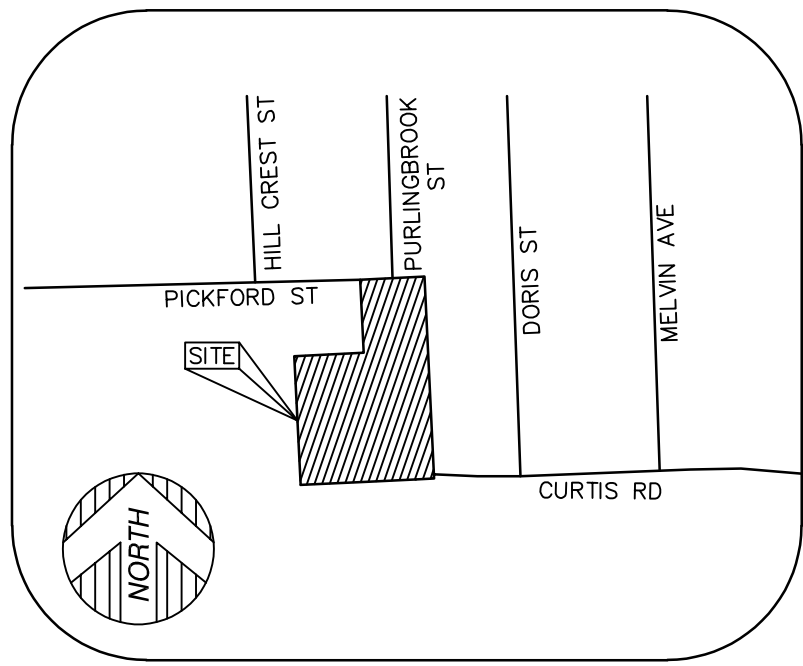
SECTION 11
TOWN 1 SOUTH RANGE 9 EAST
CITY OF LIVONIA
WAYNE COUNTY, MICHIGAN

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2	03-23-26	BIDS

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DATE	DATE
02-23-2026	02-23-2026
03-17-2026	03-17-2026
TBD	TBD

SCALE: N/A C4.3



VICINITY MAP
(NOT TO SCALE)

PARKING

HANDICAP PARKING = 3 STALLS
STANDARD PARKING = 101 STALLS

PARCEL AREA

TOTAL
407,865± SQUARE FEET = 9.36± ACRES

BASIS OF BEARING

NORTH 89°52'50" WEST, BEING THE EAST-WEST 1/4
LINE OF SECTION 11, TOWN 1 SOUTH, RANGE 9 EAST,
AS DESCRIBED.

BENCHMARK

SITE BENCHMARK #1

"X" CUT ON EAST SIDE OF LIGHT POLE BASE, ±53' SOUTHEAST OF
SOUTHEAST CORNER OF SCHOOL.
ELEVATION = 645.21' (NAVD 88)

SITE BENCHMARK #2

"X" CUT ON SOUTH SIDE OF LIGHT POLE BASE, ±20' EAST OF NORTHEAST
BLDG FACE, ±84' SOUTH OF NORTHEAST BLDG CORNER.
ELEVATION = 645.68' (NAVD 88)

LEGEND

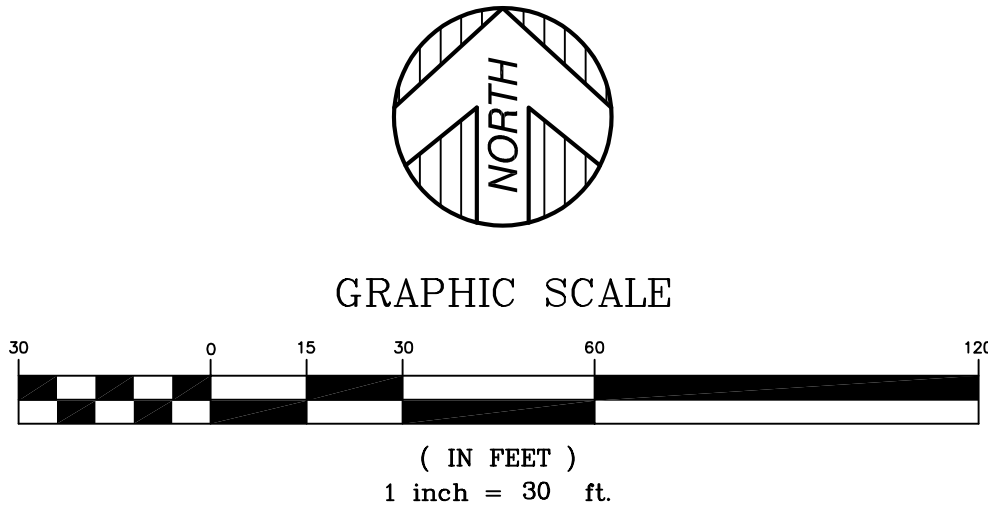
	FOUND MONUMENT (AS NOTED)
	FOUND SECTION CORNER (AS NOTED)
	RECORD AND MEASURED DIMENSION
	GROUND ELEVATION
	ELECTRIC METER
	ELECTRIC PANEL
	GENERATOR
	UTILITY POLE
	GAS METER
	GAS VALVE
	LIGHT POLE WITH STREET LAMP
	CLEANOUT
	SANITARY MANHOLE
	ROUND CATCH BASIN
	SQUARE CATCH BASIN
	STORM DRAIN MANHOLE
	FIRE HYDRANT
	WATER GATE MANHOLE
	WATER VALVE
	BOLLARD
	FLAGPOLE
	FENCE POST
	LIGHTPOST/LAMP POST
	SINGLE POST SIGN
	HANDICAP PARKING
	DECIDUOUS TREE (AS NOTED)
	PARCEL BOUNDARY LINE
	PLATTED LOT LINE
	ADJOINER PARCEL LINE
	SECTION LINE
	EASEMENT (AS NOTED)
	BUILDING
	BUILDING OVERHANG
	CONCRETE CURB
	RAISED CONCRETE
	PARKING
	EDGE OF CONCRETE (CONC.)
	EDGE OF ASPHALT (ASPH.)
	EDGE OF GRAVEL
	FENCE (AS NOTED)
	WALL (AS NOTED)
	TREE / BRUSH LINE (AS NOTED)
	OVERHEAD UTILITY LINE
	ELECTRIC LINE
	UNDERGROUND CABLE
	GAS LINE
	SANITARY LINE
	STORM LINE
	WATER LINE
	UNDERGROUND PIPE (AS NOTED)
	FLOOD LINE
	EDGE OF WATER
	MINOR CONTOUR LINE
	MAJOR CONTOUR LINE
	BUILDING AREA
	ASPHALT
	CONCRETE

ZONING REGULATIONS

PL - PUBLIC LANDS DISTRICT

- *MINIMUM LOT SIZE - N/A
- *MINIMUM LOT WIDTH - N/A
- *MAXIMUM LOT COVERAGE - N/A
- *REQUIRED MINIMUM SETBACK LINES -
FRONT - N/A
LEAST ONE SIDE - N/A
TOTAL TWO SIDES - N/A
REAR - N/A
- *MAXIMUM HEIGHT - N/A

NOTE: ALL ZONING INFORMATION IS TAKEN FROM THE CITY OF LIVONIA
WEBSITE. ALL ZONING INFORMATION MUST BE VERIFIED FOR COMPLETENESS
WITH CURRENT ZONING REGULATIONS.



PROPERTY DESCRIPTION

THE LAND IS DESCRIBED AS FOLLOWS:
LAND IN THE CITY OF LIVONIA, COUNTY OF WAYNE, STATE OF MICHIGAN

PARCEL 1

THAT PART OF THE NORTHWEST 1/4 OF SECTION 11 DESCRIBED AS BEGINNING
AT A POINT ON THE EAST AND WEST 1/4 SECTION LINE DISTANT NORTH 89
DEGREES 52 MINUTES 50 SECONDS WEST 199.40 FEET FROM THE CENTER 1/4
CORNER OF SECTION 11 AND PROCEEDING THENCE NORTH 89 DEGREES 52
MINUTES 50 SECONDS WEST ALONG SAID LINE 300.0 FEET THENCE NORTH 0
DEGREES 05 MINUTES 50 SECOND EAST 556.76 FEET THENCE NORTH 89
DEGREES 59 MINUTES 55 SECONDS EAST 299.98 FEET; THENCE SOUTH 0
DEGREES 05 MINUTES 50 SECONDS WEST 557.40 FEET TO THE POINT OF
BEGINNING EXCEPT THE WEST 30 FEET OF THE NORTH 30 FEET THEREOF.

PARCEL 2

THE S PART MEASURING 872.40 FT ON THE W LINE AND 872.83 FT ON THE E
LINE OF THE FOLLOWING DESCRIBED PARCEL THE E 11.70 AC- RES OF THE NW
1/4 OF SEC 11

PARCEL 3

THE S 873 FT OF THE W 4.80 ACRES OF THE N E 1/4 OF SEC 11

TITLE REPORT NOTE (PARCEL 1)

ONLY THOSE EXCEPTIONS CONTAINED WITHIN THE WESTCOR LAND TITLE
INSURANCE COMPANY. COMMITMENT NO. C-192418, DATED OCTOBER 1,
2025, AND RELISTED BELOW WERE CONSIDERED FOR THIS SURVEY. NO
OTHER RECORDS RESEARCH WAS PERFORMED BY THE CERTIFYING
SURVEYOR.

10. EASEMENT AS RECORDED IN LIBER 14728, PAGE 259, WAYNE COUNTY
RECORDS. (DOCUMENT IS ILLEGIBLE)

11. DETROIT UNDERGROUND EASEMENT (RIGHT OF WAY) RECORDED IN LIBER
31832, PAGE 727, WAYNE COUNTY RECORDS.
(DOCUMENT DOES NOT AFFECT SUBJECT PARCEL)

SURVEYOR'S NOTES

1. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD
SURVEY INFORMATION AND EXISTING PLANS AND DRAWINGS PROVIDED BY
VARIOUS UTILITY COMPANIES AND/OR MUNICIPAL AGENCIES. UNDERGROUND
UTILITIES WHICH ARE LOCATED ON PRIVATE PROPERTY ARE TYPICALLY NOT NOT
SHOWN ON PLANS PROVIDED BY THE UTILITY COMPANIES. THE SURVEYOR
MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE
ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE
SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES
SHOWN ARE IN THE EXACT LOCATION INDICATED. THE SURVEYOR HAS NOT
PHYSICALLY LOCATED THE UNDERGROUND UTILITIES OTHER THAN THE
STRUCTURE INVENTORY SHOWN HEREON.

2. THE SURVEYOR IS UNAWARE OF ANY PROPOSED CHANGES IN STREET RIGHT
OF WAY LINES, EXCEPT AS NOTED HEREON. THERE IS NO OBSERVED EVIDENCE
OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS, EXCEPT AS
NOTED HEREON.

3. DUE TO SNOW COVER AT TIME OF SURVEY, SOME SURFACE LEVEL FEATURES
MAY NOT BE SHOWN.

FLOOD NOTE

SUBJECT PARCEL LIES WITHIN:

SPECIAL FLOOD HAZARD AREA (ZONE AE): BASE FLOOD ELEVATIONS
DETERMINED. 638 FEET

FLOODWAY AREAS IN ZONE AE: THE FLOODWAY IS THE CHANNEL OF A STREAM
PLUS ANY ADJACENT FLOODPLAIN AREAS THAT MUST BE KEPT FREE OF
ENCROACHMENT SO THAT THE 1% ANNUAL CHANCE FLOOD CAN BE CARRIED
WITHOUT SUBSTANTIAL INCREASES IN FLOOD HEIGHTS.

OTHER FLOOD AREA (ZONE X): AREAS OF 0.2% ANNUAL CHANCE FLOOD;
AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1
FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS
PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.

OTHER AREA (ZONE X): AREAS DETERMINED TO BE OUTSIDE OF THE 0.2%
ANNUAL CHANCE FLOODPLAIN.

AS SHOWN ON FLOOD INSURANCE RATE MAP: MAP NUMBER 26163C0061E,
DATED 02/02/2012, PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT
AGENCY.

SURVEYOR'S CERTIFICATION

TO LIVONIA PUBLIC SCHOOLS SCHOOL DISTRICT OR DESIGNEE; WESTCOR LAND
TITLE INSURANCE COMPANY; AND CHIRCO TITLE AGENCY, INC.:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT
IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD
DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS. JOINTLY
ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2, 3, 4,
5, 6A, 6B, 7A, 8, 9, 10, 11A, 13, 17, 18 AND 19 OF TABLE A, THEREOF. THE
FIELD WORK WAS COMPLETED ON 01/22/26.

DATE OF PLAT OR MAP: 01/26/26

DRAFT

ANTHONY T. SYCKO, JR., P.S.
PROFESSIONAL SURVEYOR
MICHIGAN LICENSE NO. 47978
22556 GRATIOT AVE., EASTPOINTE, MI 48021
TSycko@kemttec-survey.com

DATE	BY	REVISION
01/21/26	GST/RDM	
01/26/26	ATS	
JANUARY 26, 2026		
25-02689		

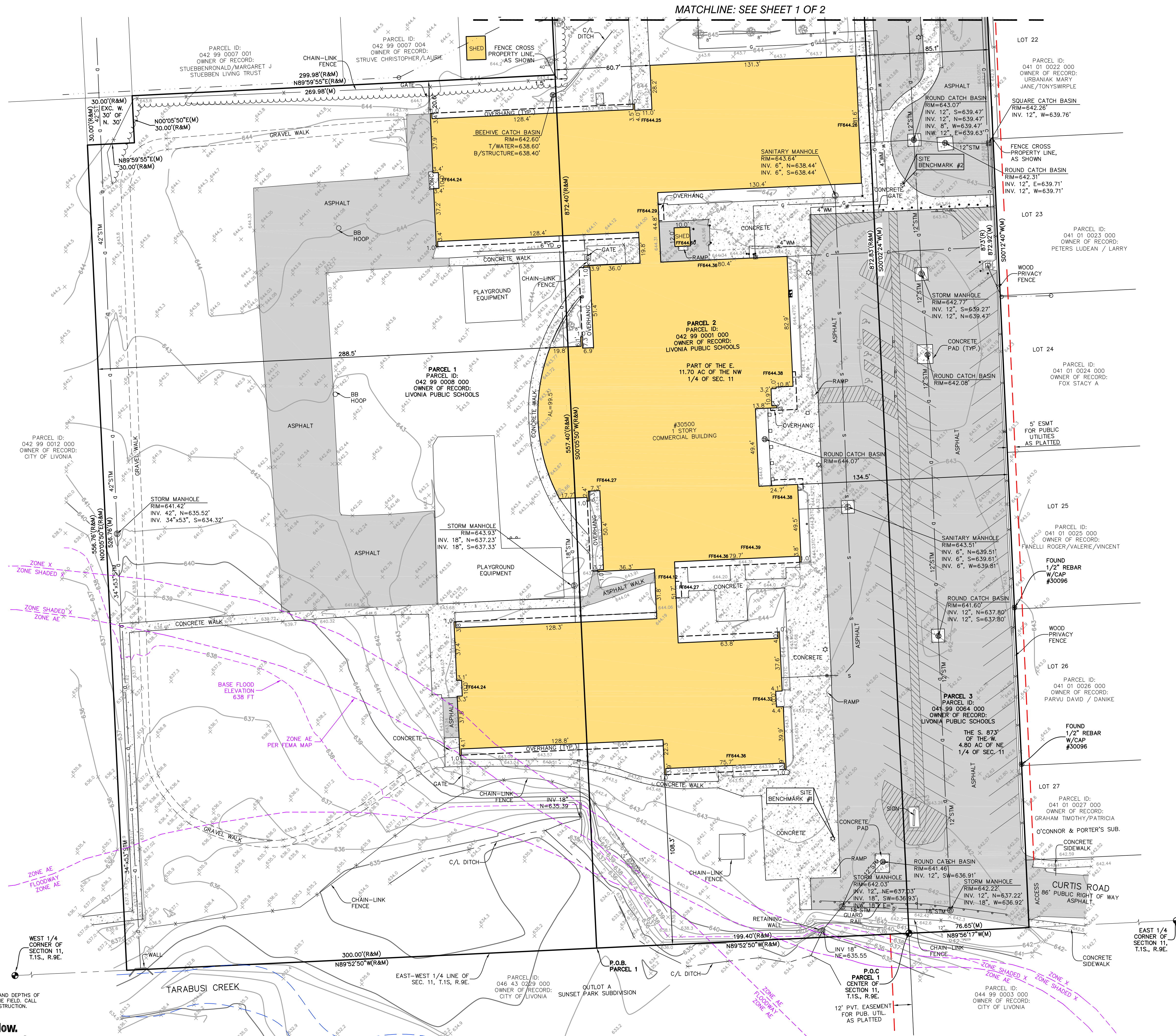
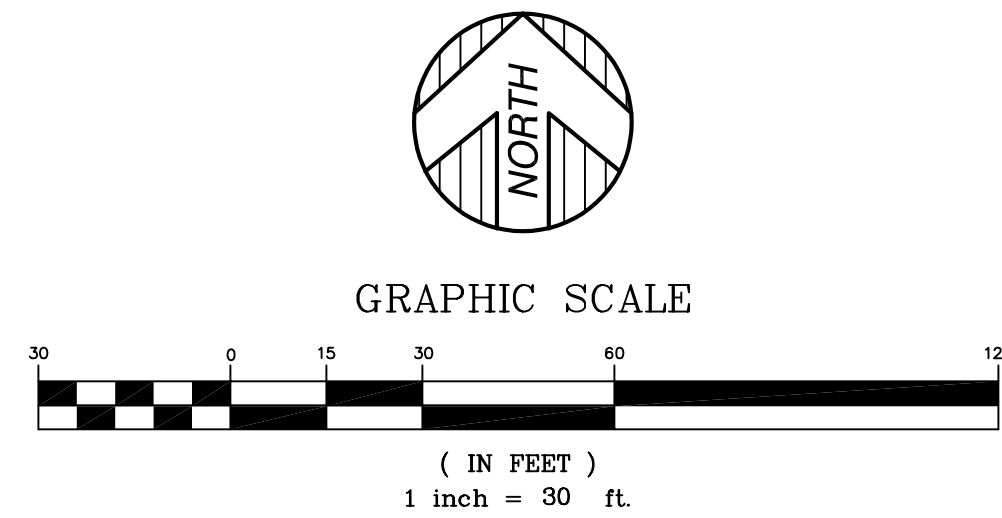
PRIOR TO CONSTRUCTION ALL LOCATIONS AND DEPTHS OF
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PRIOR TO CONSTRUCTION ALL LOCATIONS AND DEPTHS OF
EXISTING UTILITIES SHALL BE VERIFIED IN THE FIELD. CALL
MISS DIG 3 WORKING DAYS PRIOR TO CONSTRUCTION.



Know what's below.
811 before you dig.



ALTA / NSPS LAND TITLE SURVEY
PREPARED FOR: LIVONIA PUBLIC SCHOOLS SCHOOL DISTRICT
30500 CURTIS ROAD, LIVONIA, MICHIGAN,
PART OF SECTION 11,
TOWN 1 SOUTH, RANGE 9 EAST

DATE	BY	REVISION	DESCRIPTION
01/21/26	GST/ROM		
01/26/26	ATS		
JANUARY 26, 2026			

DATE	BY	REVISION	DESCRIPTION
01/21/26	GST/ROM		
01/26/26	ATS		
JANUARY 26, 2026			

C5.2

2 OF 2 SHEETS

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