

VILLAGE OF SHEFFIELD
SHEFFIELD PARK ALL-SEASONS PROJECT
CONTRACT 1 - SITE IMPROVEMENTS
OSLAD GRANT NO. OS-25-2653
SHEFFIELD, ILLINOIS
OCTOBER 2025

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VILLAGE OFFICIALS

VILLAGE PRESIDENT SHEILA YEPSEN

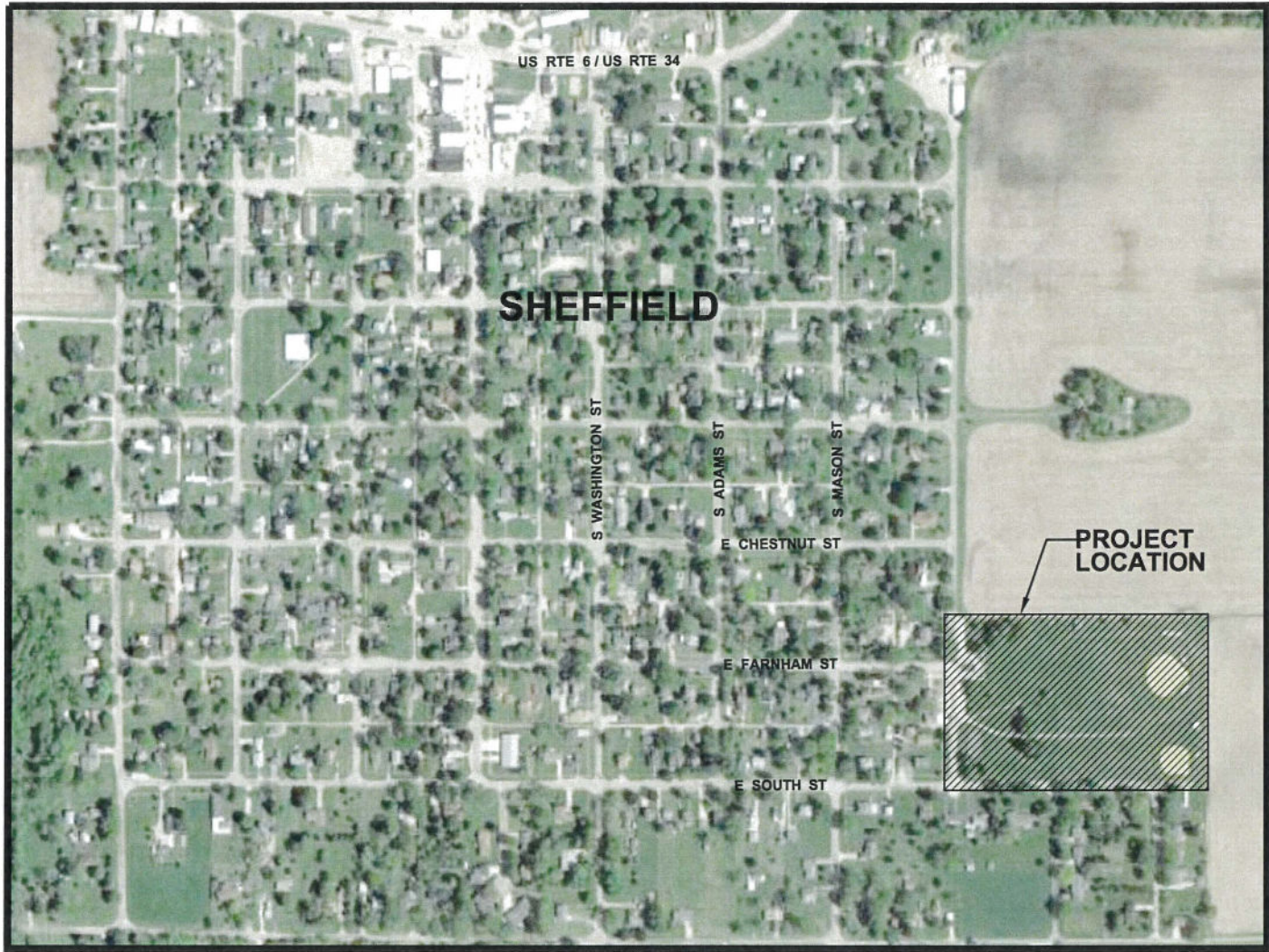
VILLAGE CLERK: ADRIENNE RIES

VILLAGE TRUSTEES: KAREN TAYLOR
PAT CORWIN
DAVID DEVOSS
TORRI PRICE
JENNIFER ADAMS
JOHN BARRY

VILLAGE TREASURER: NIKKI LANXON

SURVEYOR / ENGINEER:
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WATER	VILLAGE OF SHEFFIELD-ANDY LANXON	(815)-454-2629
ELECTRICAL POWER	AMEREN-GINA LOVELL	(309)-312-1679
NATURAL GAS	AMEREN-GINA LOVELL	(309)-312-1679
TELEPHONE	FRONTIER COMMUNICATIONS-JASON KLEIN	(309)-853-6297
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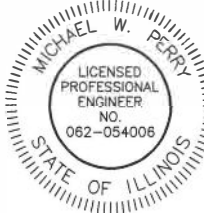
LOCATION MAP



LOCATION OF SECTION INDICATED THUS: — ■ —



10/3/25
date



expires 11-30-2025
signature
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-001717



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ILLINOIS

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DATE: 09/2025					

BIDDING
PLANS

CURRENT AS OF: 10/03/2025	
SCALE: SCALED	SHEET 1
FILE NO.: 14152.01Y-	OF 6

GENERAL NOTES

The Illinois Department of Transportation "Standard Specifications for Road and Bridge Construction" adopted January 1, 2022, and Supplemental Specifications and Recurring Special Provisions (latest edition), the "Standard Specifications for Water and Sewer Construction in Illinois" 8th Edition 2020 shall govern applicable portions 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 work site.

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.

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.

Traffic control shall be in accordance with applicable portions of the Illinois Department of Transportation "Standard Specifications for Road and Bridge Construction" adopted January 1, 2022, and Supplemental Specifications and Recurring Special Provisions (latest edition) 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.

All public roadways shall remain open throughout the project unless prior consent is granted by the Municipality for any Contractor-requested roadway closures. The Contractor shall make arrangements or schedule work so that access to properties within the work site is maintained at all times.

Should hazardous materials be encountered during construction, the Contractor shall immediately notify the Owner or Owner's Representative.

All clean construction demolition debris (CCDD) certification/disposal (if required) shall be the responsibility of the Contractor.

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.

The Contractor shall record the vertical and horizontal locations of all pipe bends, valves, manholes, sewer service taps and all additional information necessary for the preparation of "As Constructed" plans. The "As Constructed" plans will be prepared by the Owner or Owner's Representative.

Handicap parking stalls to have pavement markings and signage that meets the specifications identified in the Illinois Accessibility Code.

EROSION CONTROL

Soil erosion and sediment control shall be in accordance with applicable portions of the Illinois Urban Manual, current edition.

Provisions shall be made to minimize the transport of sediment by vehicular traffic from the construction site. All public streets and school travel lanes shall be cleaned daily or as directed by the owner's representative 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.

HANDICAP PARKING SIGNS

The unit price per EACH for Handicap Parking Sign, Complete includes furnishing and installing all components shown in the Handicap Parking Sign detail on the following plan sheet.

STORM SEWER & STRUCTURES

The storm sewer pipes shall be polyvinyl chloride (PVC) type SDR-26 conforming to ASTM D3034 with flexible elastomeric joints conforming to ASTM D3212 with elastomeric gaskets meeting ASTM F477.

Installation of storm sewers and structures shall be in accordance with the IDOT Standard Specifications and the Water and Sewer Standard Specifications.

Drainage structures shall be in accordance with the applicable parts of Section 602 of the IDOT Specifications and Highway Standards.

All inlets shall be supplied with a frame and grate or grate as specified on the plans.

BACKFILLING TRENCHES

All water or sewer pipe, regardless of material type, shall be bedded with a minimum of 6" of crushed stone or rounded aggregate meeting the requirements of FA-6 or CA-7 gradation. The pipe shall be backfilled to at least 1 foot above the top of the pipe with the FA-6 or CA-7 aggregate material. The remainder of the trench shall be backfilled with select excavated material or trench backfill. All unsuitable or unstable material encountered shall be removed and replaced with material meeting the requirements of these General Notes.

Trench backfill shall be required for all pipes that are constructed under or within two (2) feet of the edge of existing or proposed pavements, sidewalks, curb and gutters, or other paved surfaces.

Excavated material shall be used for final backfill for all areas not designated for trench backfill.

Trench backfill shall be in accordance with Section 208 of the IDOT Standard Specifications.

HOT-MIX ASPHALT SURFACE COURSE

This work shall be performed in accordance with Section 406 of the Standard Specifications. In-place density shall be verified by the Contractor or his consultant using nuclear density testing; cost for testing shall be included in this pay item. Payment will be made per Ton, except that payment for material more than 103% of the theoretical quantity will not be allowed.

HOT-MIX ASPHALT BINDER COURSE

This work shall be performed in accordance with Section 406 of the Standard Specifications. In-place density shall be verified by the Contractor or his consultant using nuclear density testing; cost for testing shall be included in this pay item. Payment will be made per Ton, except that payment for material more than 103% of the theoretical quantity will not be allowed.

AGGREGATE BASE COURSE

Areas that will receive HMA, PCC sidewalk or curb shall have aggregate base course installed in accordance with details shown on the Plans. Prepare areas for base course in accordance with Section 301 of the IDOT Standard Specifications. Aggregate Base Course Type B shall be installed in accordance with Section 351 of the IDOT Standard Specifications. Material allowed shall be either IDOT Gradation CA-6 or CA-10.

ADA PARKING STALLS

All ADA parking stalls shall meet the specifications identified in the Capital Development Board 2018 Illinois Accessibility Code (10/23/2018). This includes parking stall and shared access aisle dimensions & slope, pavement markings and signage. Contractor to verify the accessible route from the ADA parking stalls to the proposed sidewalk meets the requirements established in the 2018 Illinois Accessibility Code.

PAINT PAVEMENT MARKING

Install paint pavement lines and symbols as shown on the Plans and in accordance with Section 780 of the IDOT Standard Specifications and Highway Standards. Paint shall be in strict compliance with Section 1095.02 of the IDOT Standard Specifications.

SCHEDULE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	EST. QTY.
1	Earth Excavation	CY	1981
2	Furnished Excavation	CY	904
3	Inlet, Type A, W/Type 8 Grate	EACH	1
4	12" Storm Sewer	LF	45
5	6" Sanitary Service Pipe	LF	220
6	6" Sanitary Service Cap	EACH	1
7	Connect to Existing Sanitary Manhole	EACH	1
8	1" Water Service Complete	EACH	1
9	Trench Backfill	CY	152
10	Full Depth Pavement Removal and Base Grading	SY	95
11	Hot Mix Asphalt, Surface Course 1 1/2"	TON	319
12	Hot Mix Asphalt, Binder Course 2 1/2"	TON	532
13	Bituminous Materials, Prime Coat	LBS	8549
14	Bituminous Materials, Tack Coat	LBS	855
15	Aggregate Base Course, Ty. B	TON	2136
16	Concrete Curb, Ty. B	LF	436
17	PCC Sidewalk, 4"	SF	15787
18	Protective Coat	SY	1803
19	Pavement Marking, Line 4", Yellow	LF	3520
20	Pavement Marking, Letters and Symbols	SF	90
21	Erosion Control	L SUM	1
22	Handicap Parking Sign, Complete	EACH	4
23	Landscaping (Special)	L SUM	1
24	Traffic Control & Protection (Special)	L SUM	1

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

BITUMINOUS MATERIAL PRIME COAT & TACK COAT RESIDUAL ASPHALT RATES:

PRIME COAT: OVER AGGREGATE SURFACE	0.25 LBS/SQ FT
TACK COAT: OVER MILLED HOT-MIX ASPHALT OR CONCRETE SURFACE	0.05 LBS/SQ FT
TACK COAT: BETWEEN HOT-MIX ASPHALT LIFTS	0.025 LBS/SQ FT
HOT-MIX ASPHALT	112 LBS/SQ YD/IN

AGGREGATE BASE AND SURFACE COURSE	2.05 TONS/CU YD
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MIXTURE USE (S)	HMA SURFACE	HMA BINDER COURSE
PG GRADE	PG64-22	PG64-22
MAX % RAP/RAS ALLOWABLE BY WEIGHT	10%	15%
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 9.5	IL 19.0
FRICTION AGGREGATE	MIXTURE C	
DENSITY TEST METHOD	NUCLEAR	SATISFACTION OF THE ENGINEER

EARTHWORK QUANTITIES				
LOCATION	THEORETICAL		FURNISHED EXCAVATION SHORTAGE (-) OR EXCESS (+)	REMARKS
	CUT	FILL		
	CU YD	CU YD	CU YD	
			[(A)0.75]-(B)	
	(A)	(B)	(C)	
PARKING LOT	1380	556	556	
SIDEWALK	391	---	---	
OTHER	210	1834	348	
TOTAL	1981	2390	904	
	PAY ITEM	INFO ONLY	PAY ITEM	

APPLICABLE IDOT HIGHWAY STANDARDS

TEMPORARY EROSION CONTROL SYSTEMS	280001-07
INLET, TYPE A	602301-04
GRATE, TYPE 8	604036-03
CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER	606001-08
OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE	701006-05
TRAFFIC CONTROL DEVICES	701901-10
TYPICAL PAVEMENT MARKINGS	780001-05

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DATE: 09/2025				



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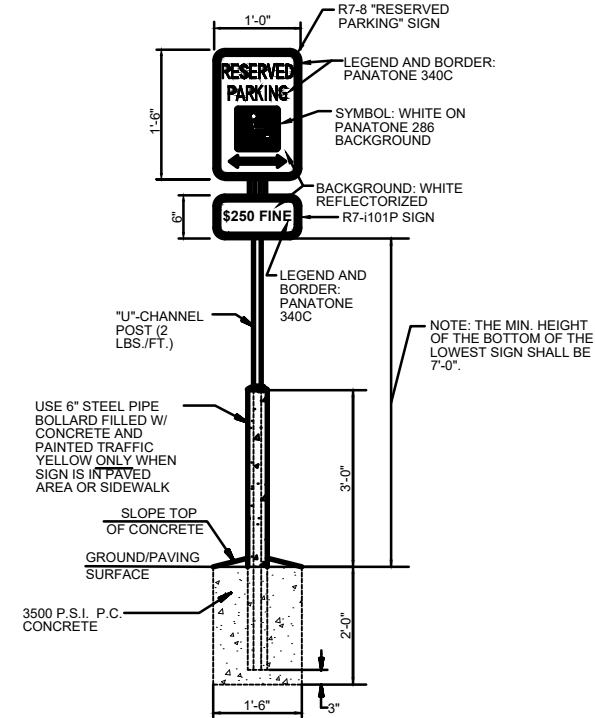
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SHEFFIELD PARK ALL SEASONS PROJECT
CONTRACT 1 - SITE IMPROVEMENTS

GENERAL NOTES & SUMMARY OF QUANTITIES

BIDDING
PLANS

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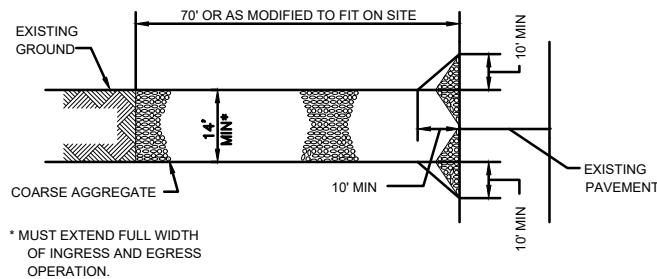
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by: Noe Quintana



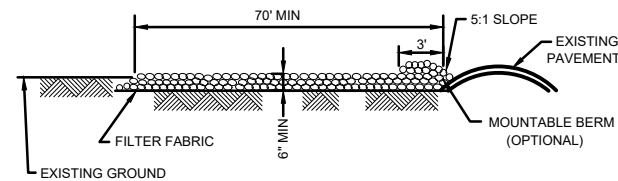
HANDICAP PARKING SIGN

SCALE: NTS

- NOTE:
- SIGNS SHALL BE LOCATED AT FRONT CENTER OF EACH HANDICAP PARKING SPACE, NO MORE THAN 6' HORIZONTALLY FROM THE FRONT OF THE PARKING SPACE.



PLAN VIEW



SIDE ELEVATION

- NOTES:
- FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 592 GEOTEXTILE, TABLE I OR 2, CLASS I, II, III OR IV AND SHALL BE PLACED OVER THE CLEARED AREA PRIOR TO THE PLACING OF ROCK.
 - ROCK OR RECLAIMED CONCRETE SHALL MEET ONE OF THE FOLLOWING IDOT COARSE AGGREGATE GRADATIONS: CA-1, CA-2, CA-3 OR CA-4
 - ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHALL BE CONSTRUCTED ACCORDING TO MANUFACTURERS SPECIFICATIONS.

STABILIZED CONSTRUCTION ENTRANCE PLAN

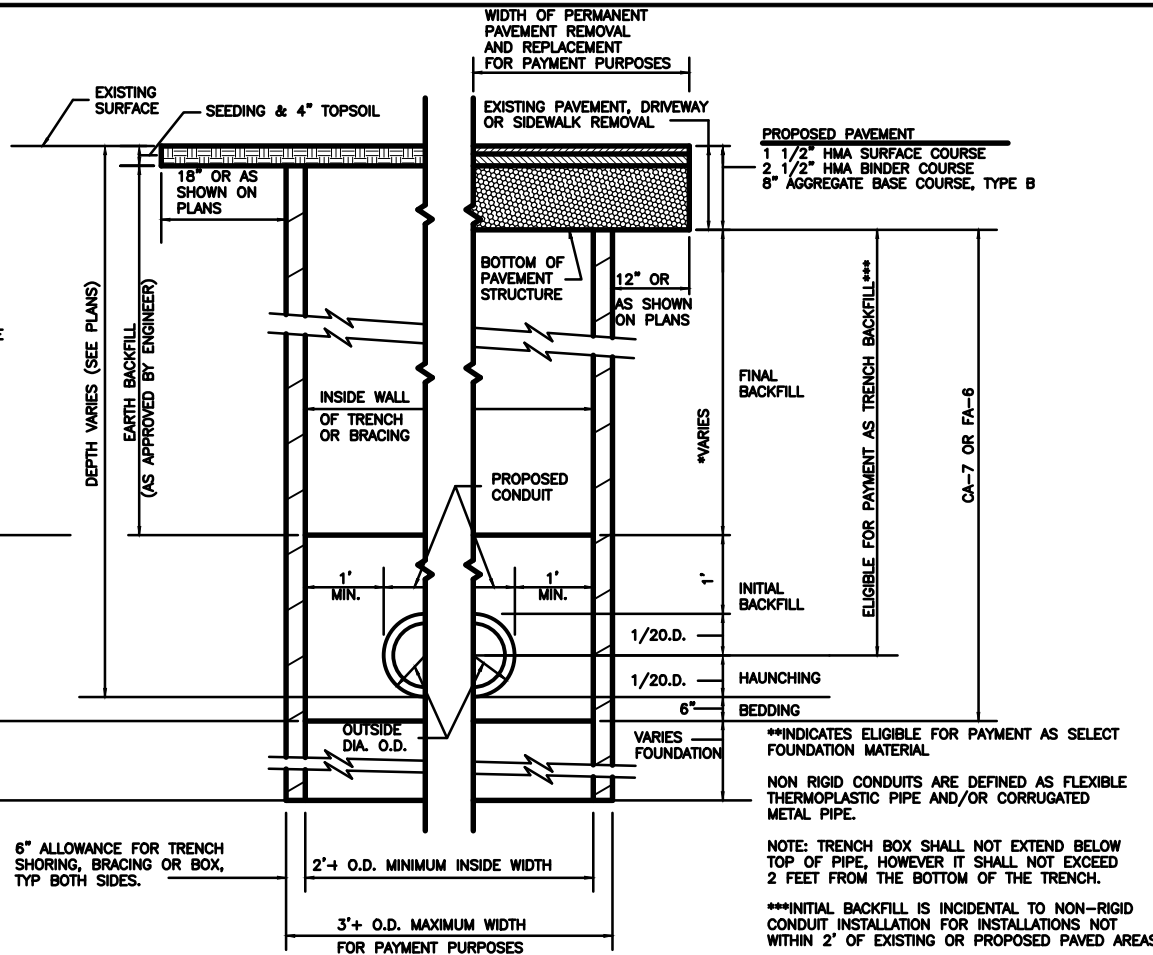
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SEE PLANS AND SPECIFICATIONS FOR SURFACE RESTORATION

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

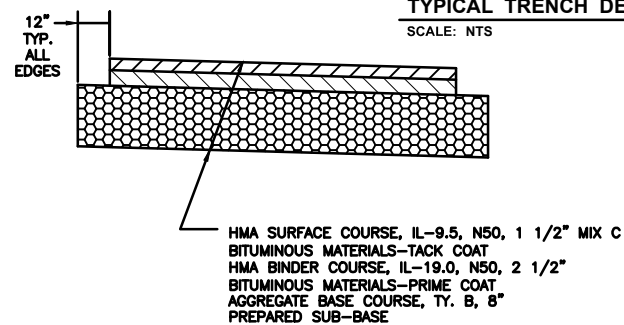
PAVED AREAS INCLUDE STREETS, CURBS, GUTTERS, SHOULDERS, SIDEWALKS, AND PARKING LOTS

WHERE SOIL CONDITIONS WARRANT. **



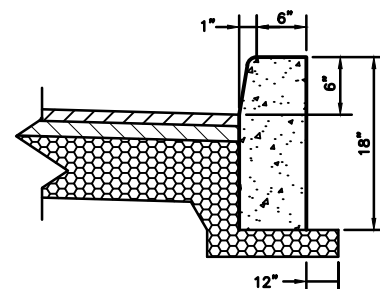
TYPICAL TRENCH DETAIL

SCALE: NTS



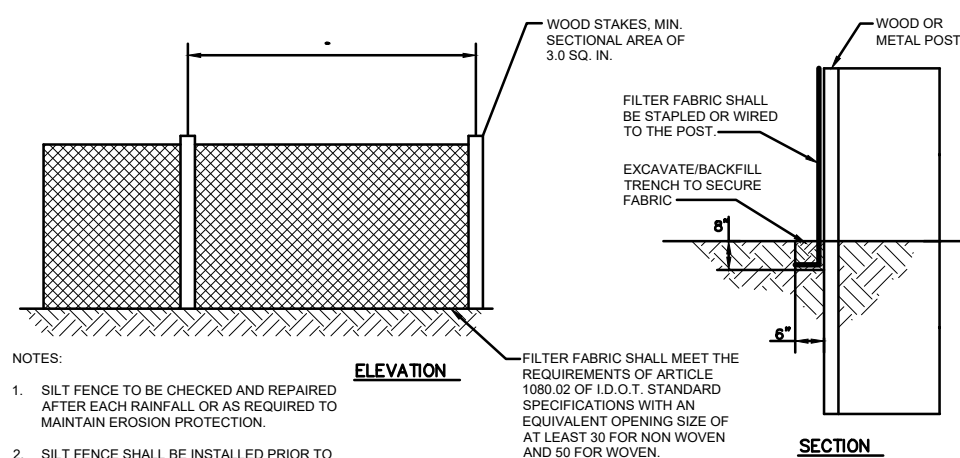
TYPICAL PARKING LOT PAVEMENT SECTION

SCALE: NTS



TYPE B CONCRETE CURB

SCALE: NTS



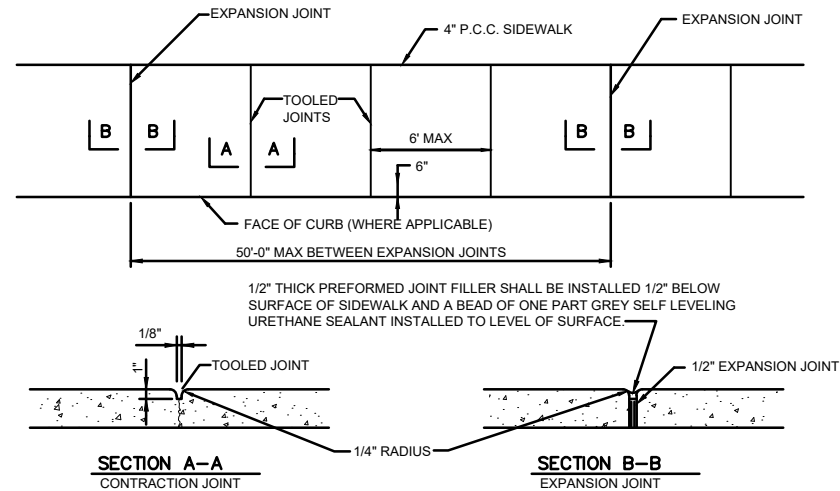
ELEVATION

SECTION

- NOTES:
- SILT FENCE TO BE CHECKED AND REPAIRED AFTER EACH RAINFALL OR AS REQUIRED TO MAINTAIN EROSION PROTECTION.
 - SILT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING OPERATIONS.

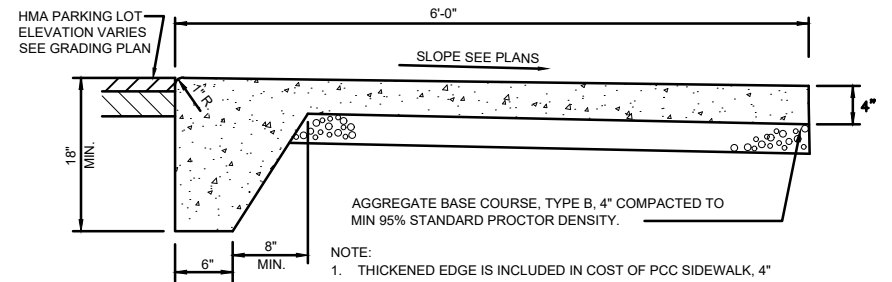
PERIMETER EROSION BARRIER - SILT FENCE DETAIL

SCALE: NTS



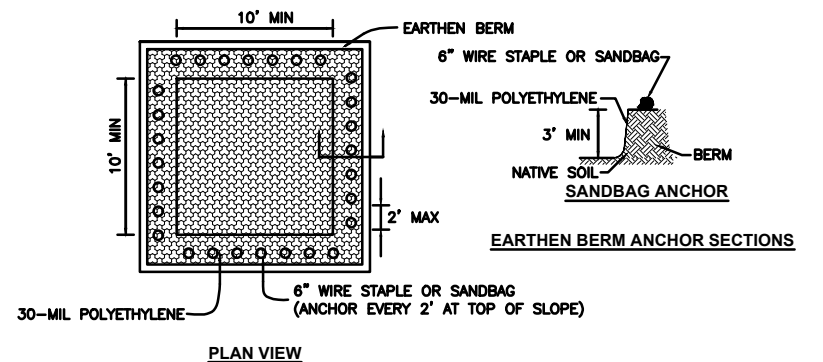
CONTRACTION AND EXPANSION JOINT DETAIL

SCALE: NTS

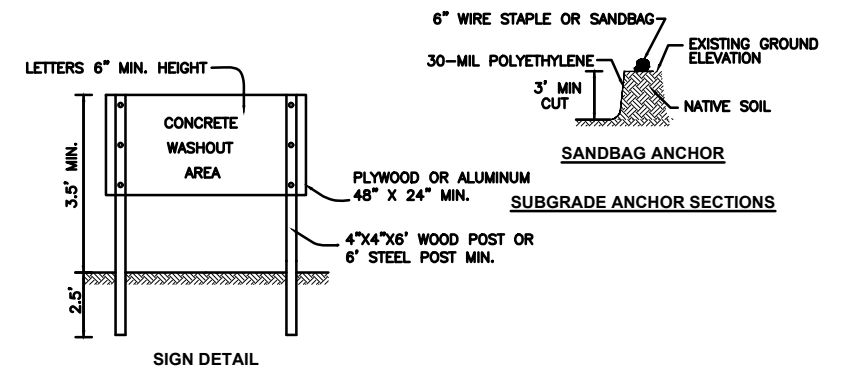


THICKENED SIDEWALK AT EDGE OF PARKING LOT

SCALE: NTS



PLAN VIEW



SIGN DETAIL

- NOTES:
- MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDEND CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION.
 - FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.

**TEMPORARY CONCRETE WASHOUT FACILITY
EARTHEN TYPE**

SCALE: NTS - ILLINOIS URBAN MANUAL DRAWING IUM-654E T

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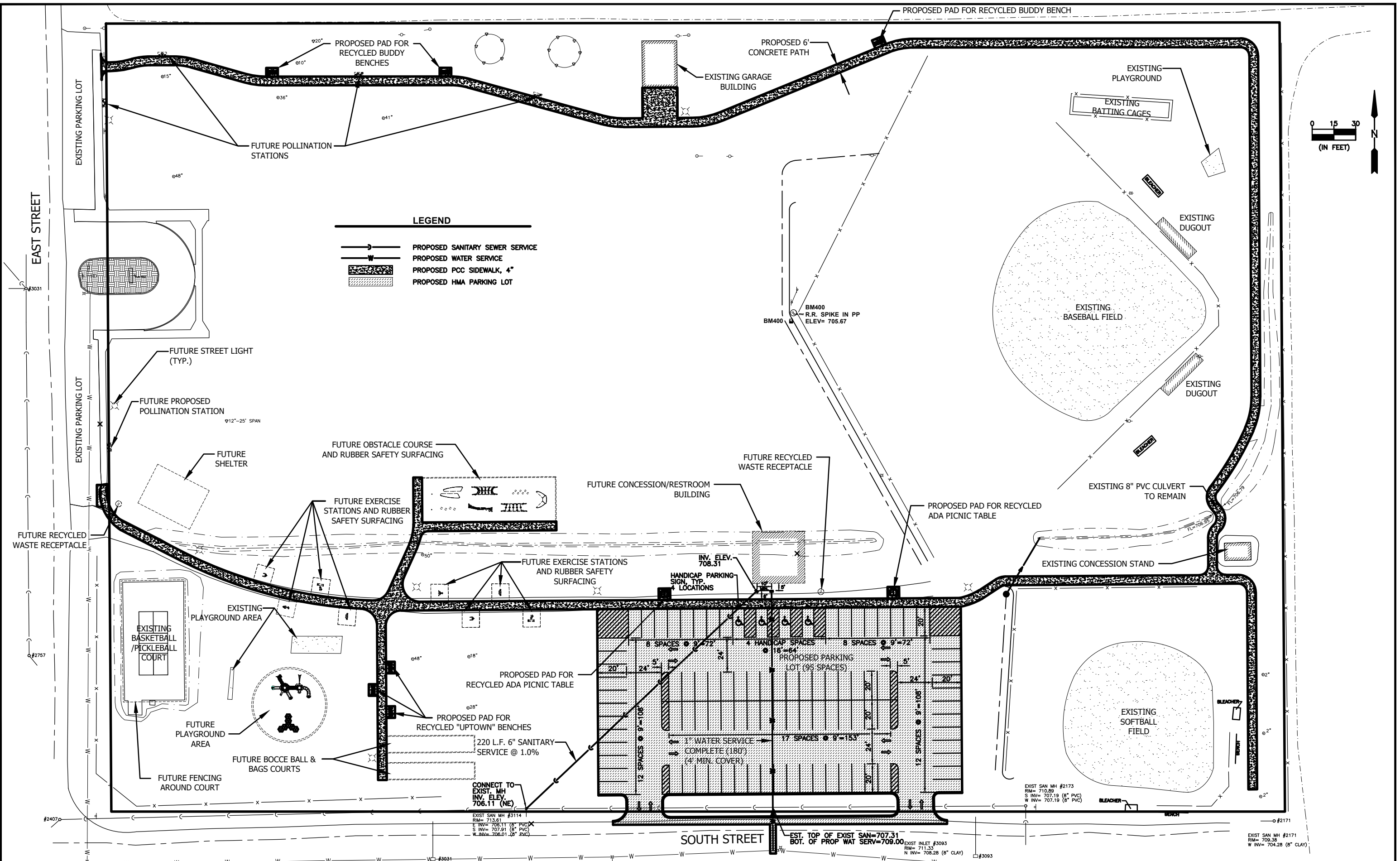
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VILLAGE OF SHEFFIELD
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CONTRACT 1 - SITE IMPROVEMENTS

DETAILS

**BIDDING
PLANS**

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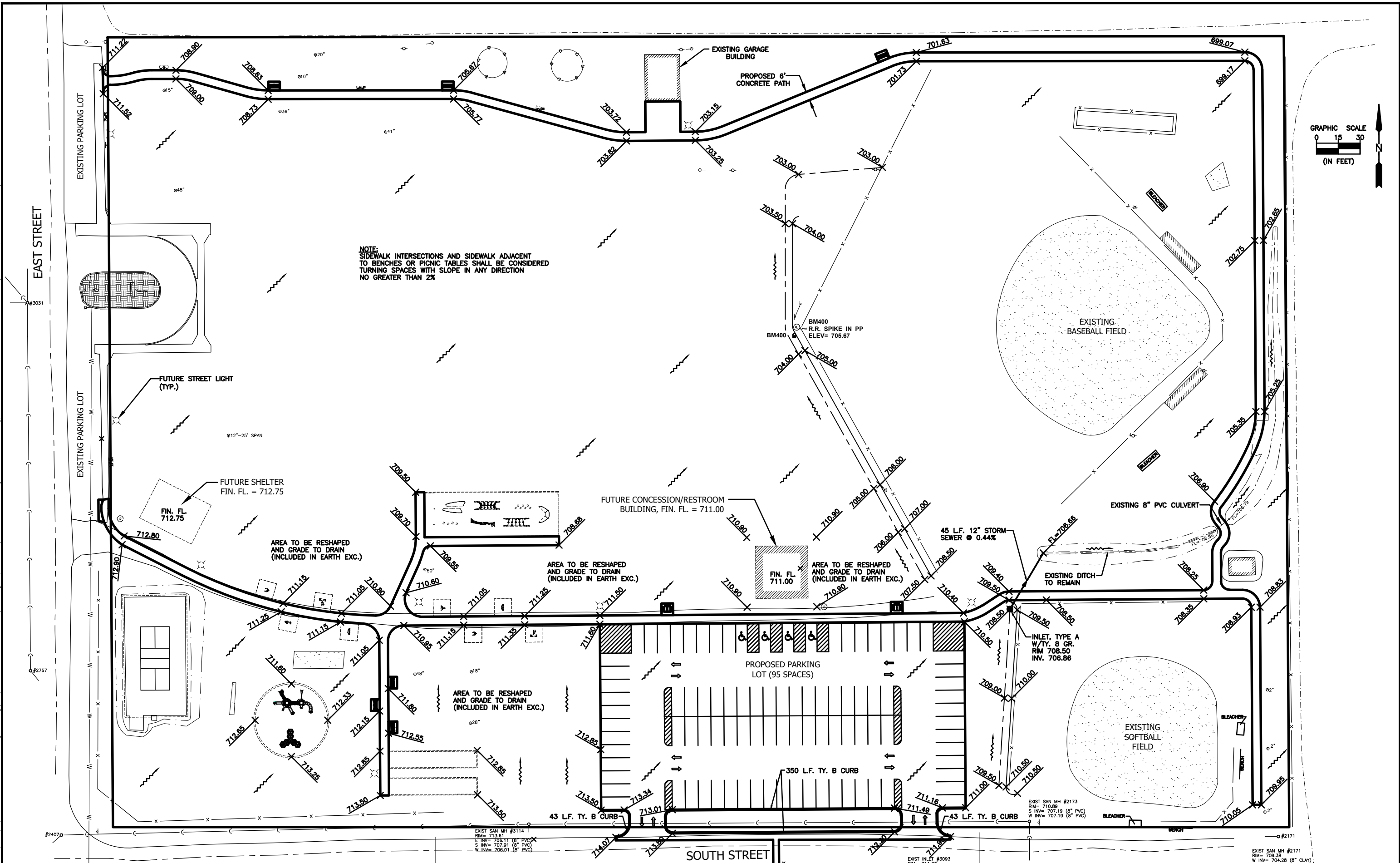
**VILLAGE OF SHEFFIELD
SHEFFIELD PARK ALL SEASONS PROJECT
CONTRACT 1 - SITE IMPROVEMENTS**

SITE PLAN

BIDDING PLANS

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VILLAGE OF SHEFFIELD
SHEFFIELD PARK ALL SEASONS PROJECT
CONTRACT 1 - SITE IMPROVEMENTS

GRADING PLAN

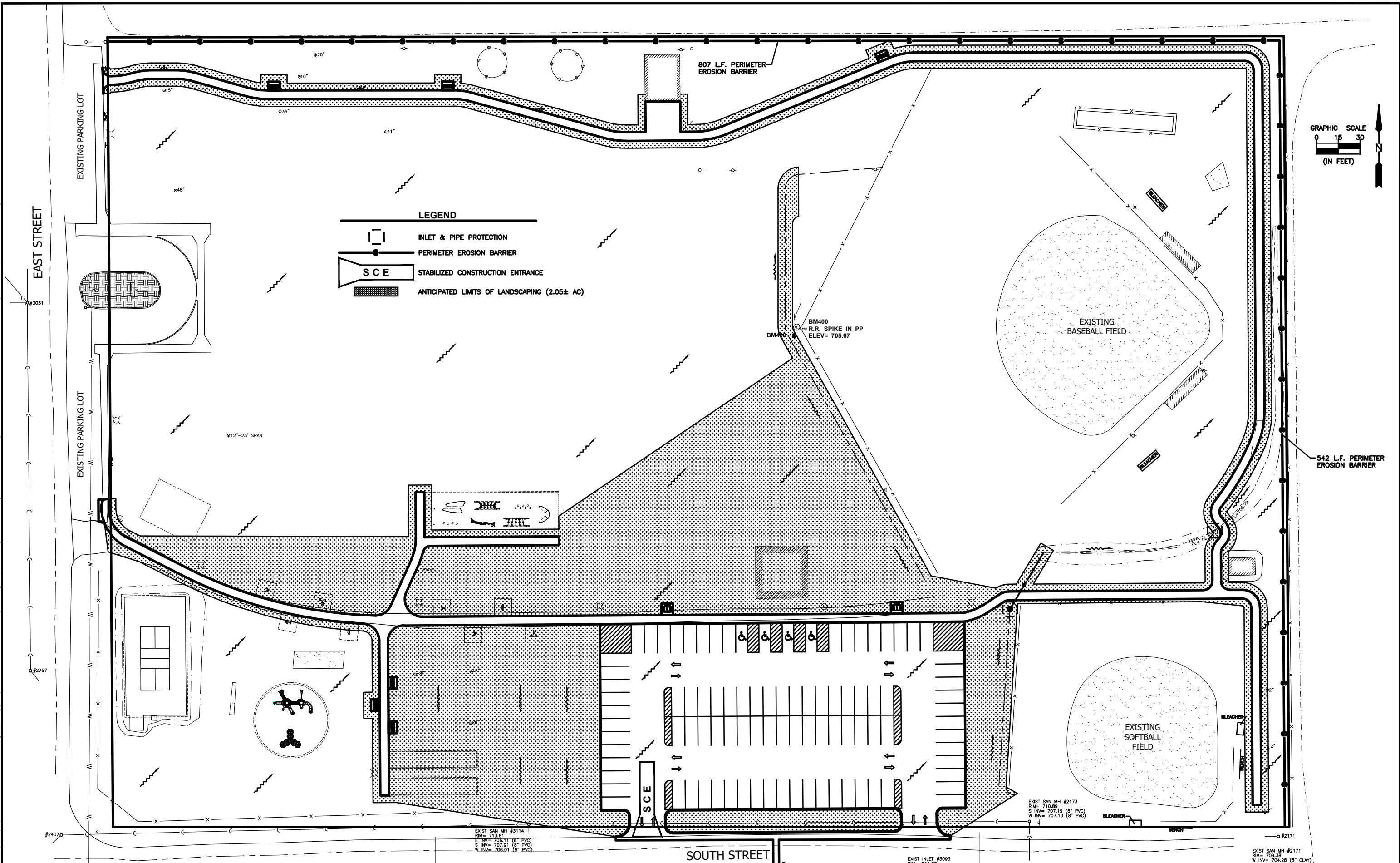
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VILLAGE OF SHEFFIELD
SHEFFIELD PARK ALL SEASONS PROJECT
CONTRACT 1 - SITE IMPROVEMENTS

EROSION CONTROL PLAN

BIDDING
PLANS

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