



April 16, 2026

**VIA EMAIL**  
(32) Page(s) Inclusive

To: Prospective Bidders

Re: Village of Calumet Park  
New Village Green  
Architect's Project Number: 24-069  
**Addendum #1**

This addendum forms part of the bidding and contract documents and modifies the original bidding documents dated April 3, 2026. Acknowledge receipt of this addendum on the bid form. Failure to do so may disqualify the bidder.

Revise **SPECIFICATIONS** as follows:

1. Document 002113 – Instruction to Bidders.
  - a. Page 002113-5, Article 1.16 Employment and Labor Provisions
    - i. **REVISE** paragraph C to read “DCEO” where it currently reads “DECO”
    - ii. **ADD** Paragraph E as follows:
      1. “E. As a condition of the DCEO grant listed above, apprentices attending apprenticeship programs approved and registered by the U.S. Department of Labor shall perform 10% of the total labor hours actually worked in each prevailing wage category. The labor hours shall be based on the total project cost.”
2. Document 007300 – Illinois Works Apprenticeship Initiative.
  - a. **ADD** attached Section 007300 – Illinois Works Apprenticeship Initiative.
3. Document 011000 – Summary.
  - a. Page 011000-1, Article 1.2 Contract Description
    - i. **ADD** Paragraph E as follows:
      1. “E. As a condition of the DCEO grant listed above, apprentices attending apprenticeship programs approved and registered by the U.S. Department of Labor shall perform 10% of the total labor hours actually worked in each prevailing wage category. The labor hours shall be based on the total project cost.
        1. The awarded contractor shall complete the Illinois Works Jobs Act Certification of Compliance with Public Works Project Apprenticeship Goals form in Section 007300.”

**TRIA ARCHITECTURE**

**Illinois Office | Corporate Headquarters:** 901 McClintock Drive, Suite 100, Burr Ridge, Illinois 60527  
**Indiana Office:** 436 Sand Creek Drive N, Suite 105, Chesterton, Indiana 46304  
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- ii. **ADD** paragraph F as follows:
  1. "F. The project is being funded by a grant from the Illinois Department of Commerce and Economic Opportunity (DCEO). DCEO requires an overall Business Enterprise Program (BEP) participation of 28% with 18% of the construction costs going to minority-owned business enterprises (MBEs or WMBEs) and 10% of the construction costs going to women-owned business enterprises (WBEs or WMBEs).
    1. Only subcontractors/suppliers certified through the State of Illinois' Commission on Equity and Inclusion (CEI) Business Enterprise Program will count toward meeting the utilization goals for this project.
    2. The General Contractor shall complete the Prime Vendor Commitment form included in the Bid Documents and submit it with the bid.
    3. All MBE, WBE, or WMBE subcontractors shall complete a BEP Subcontractor Participation Agreement and submit it with the bid."
4. Document 321413 – Precast Concrete Unit Paving.
  - a. Page 321413-3, Article 2.1 Concrete Pavers, Paragraph A
    - i. **ADD** item 1 as follows:
      1. "1. Unilock Burgundy Red Copthorne Paver shall be an approved equal for the specified Brooklyn Paver and Beacon Hill Smooth with EasyClean (Size: Random Bundle, Color: Opal) or the Beacon Hill Smooth (Size: Random Bundle, Color: Granite Fusion) shall be an approved equal for the Dimension paver."
    - ii. **ADD** item 2 as follows:
      1. "2. All pavers shall be provided by the same manufacturer."

Revise **DRAWINGS** as follows:

1. Drawing SD1.30 –**REVISE** the Site Furnishings Schedule as follows:
  - a. **REVISE** the Gazebo comments to list the roof color to be Dual Grey.
  - b. **REVISE** the ARCH Entry comments to read as follows, "9' entrance arch with 9' eave and curved laser cut design; color: black, font: Candara Bold."
2. Drawing SD5.10 –**REVISE** details as follows:
  - a. **REPLACE** detail 7/SD5.10 with attached sketch ASK-01.
  - b. **REPLACE** detail 8/SD5.10 with attached sketch ASK-02
3. Drawing SD5.20 –**REVISE** detail as follows:
  - c. **REPLACE** detail 3/SD5.20 with attached sketch ASK-03.

### **TRIA ARCHITECTURE**

4. Drawing C-02 – **REPLACE** drawing in its entirety with attached C-02
5. Drawing C-04 – **REPLACE** drawing in its entirety with attached C-04
6. Drawing C-05 – **REPLACE** drawing in its entirety with attached C-05
7. Drawing C-06 – **REPLACE** drawing in its entirety with attached C-06
8. Drawing C-07 – **REPLACE** drawing in its entirety with attached C-07
9. Drawing C-08 – **REPLACE** drawing in its entirety with attached C-08
10. Drawing C-09 – **REPLACE** drawing in its entirety with attached C-09
11. Drawing C-10 – **REPLACE** drawing in its entirety with attached C-10
12. Drawing C-11 – **REPLACE** drawing in its entirety with attached C-11
13. Drawing C-12 – **REPLACE** drawing in its entirety with attached C-12
14. Drawing C-13 – **REPLACE** drawing in its entirety with attached C-13
15. Drawing C-14 – **REPLACE** drawing in its entirety with attached C-14
16. Drawing C-15 – **REPLACE** drawing in its entirety with attached C-15
17. Drawing C-18 – **REPLACE** drawing in its entirety with attached C-168
18. Drawing C-24 – **REPLACE** drawing in its entirety with attached C-24

**CLARIFICATION TO THE DOCUMENTS** as follows:

1. QUESTION: Are there any grant requirements for this project?  
ANSWER: The project is funded by a DCEO grant that requires MBE/WBE/MWBE participation through the Business Enterprise Program as well as apprenticeship participation. Refer to specifications and addendum above for details.
2. QUESTION: Why are there two phases?  
ANSWER: The goal of phase 2 is to minimize the amount of time the parking lot is closed for public use to the end of the project.
3. QUESTION: Can Unilock pavers be an approved equal to specified pavers?  
ANSWER: Refer to addendum above for the approval of Unilock products as an approved equal.

**TRIA ARCHITECTURE**

Village of Calumet Park  
New Village Green  
Architect's Project Number: 24-069  
**ADDENDUM #1**  
April 16, 2026  
Page 4 of 4

Sincerely,



**TRIA ARCHITECTURE, INC.**

Ronald E McGrath, AIA  
Principal Architect

Attachments: Pre-Bid Meeting Sign-in Sheet; (1) Page  
Document 007300; (9) Pages  
ASK-01 to ASK-03; (3) Pages  
C-02, C-04, C-05, C-06, C-07, C-08, C-09, C-10, C-11, C-12, C-13,  
C-14, C-15, C-18, C-24; (15) Pages

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**MEETING SIGN-IN SHEET**

**Client:** Village of Calumet Park  
**Project Name:** New Village Green  
**Architect's Project Number:** 24-069  
**Date / Time of Meeting:** April 13, 2026, 2:00 p.m.  
**Location:** Village of Calumet Park Village Hall, 12409 South Throop Street, Calumet Park, Illinois 60827  
**Meeting Type:** Pre-Bid Meeting

Sign Name	Print Name	Company	Phone No.	E-mail	MBE/WBE/MWBE (Optional)
<i>[Signature]</i>	Eurdeca	Chicagoland.com	708-714-0512	<del>chcc02@chicgo</del> heights construction.com	
<i>[Signature]</i>	Mitch Hansen	SIMPSON CONST.	708.544.3800		MHANSEN@SIMCONCO.COM
<i>[Signature]</i>	Jack Reincert	Bear Construction	847-877-5702		Jahr@BearCC.com
<i>[Signature]</i>	KETH MULLOY	ROBINSON ENO.	(779)333-7889		kmullolande@rettd.com
<i>[Signature]</i>	Jessica Morris	Maxwell Bahiste Construction	(312)730-2936		jessicabocci@gmail.com MBE
<i>[Signature]</i>	Lori Vieuw	JSD Prof. Services	630-362-6681		lori.vieuw@jssdinc.com
<i>[Signature]</i>	Mayor Ronald Denson				

**SECTION 007300**

**Illinois Works Apprenticeship Initiative**

**Illinois Works Apprenticeship Initiative**

- 1.1 The project is being funded by a grant from the Illinois Department of Commerce and Economic Opportunity (DCEO). DCEO requires apprentices attending apprenticeship programs approved and registered by the U.S. Department of Labor to perform 10% of the total labor hours actually worked in each prevailing wage category.
  1. The labor hours above shall be based on the total project cost.
  
- 1.2 The awarded contractor will be required to complete the attached Illinois Works Jobs Act Certification of Compliance with Public Works Project Apprenticeship Goals upon award and provide any additional reporting documentation requested by DCEO throughout the course of the project.

**END OF SECTION**

**Illinois Works Jobs Program Act**  
**Certification of Compliance with**  
**Public Works Project Apprenticeship Goals**  
 (30 ILCS 559/20-20(c); 14 Ill. Admin Code 680.50)

*Contractors, grantees and loan recipients shall submit the completed form to the state agency administering the contract/grant/loan.*

Organization Name	FEIN Number	DUNS Number	Project Number
Contract/Grant/Loan Awarding Agency	Project Start Date	Project End Date	
Contract/Grant/Loan Number	Estimated Total Project Cost	Total State Contribution (including all Appropriated funds)	Final Total Project Cost (if known)
Certification Type: <input type="checkbox"/> End of contract/grant/loan <input type="checkbox"/> End of Project			
Applicable Apprenticeship Goal: (Select all that apply)			
<input type="checkbox"/> 10% total project cost <input type="checkbox"/> 10% total state contribution only			
<input type="checkbox"/> Waiver Approved by IL DCEO IL DCEO Waiver Approval Date _____ / _____ / _____			
(If a waiver was granted for any prevailing wage classification, the Grantee does not need to report on those classifications on this form.)			
<input type="checkbox"/> Reduction Approved by IL DCEO IL DCEO Reduction Approval Date _____ / _____ / _____			
(If selected, enter the applicable prevailing wage classification(s), and approved reduced percentage(s).)			
<b>Prevailing Wage Classification</b>			<b>Reduced Percentage</b>

The goal of the Illinois Apprenticeship Initiative is that apprentices will perform either 10% of the total labor hours actually worked in each prevailing wage classification or 10% of the estimated labor hours in each prevailing wage classification, whichever is less. (30 ILCS 559/20-20(a)(2))













**Illinois Works Jobs Program Act**  
**Certification of Compliance with**  
**Public Works Project Apprenticeship Goals**  
(30 ILCS 559/20-20(c); 14 Ill. Admin Code 680.50)

**Entity Certification**

By signing this form, I certify that my organization:

- Has met the 10% apprenticeship goal for each wage classification (including half of the goal hours performed by apprentices who are graduates of Illinois Works Pre-apprenticeship, Climate Works, or Highway Construction Careers Programs).
- Has not met the apprenticeship goal nor received a Reduction or Waiver of the 10% apprenticeship goal.
- Has met the 10% apprenticeship goal (including half of the goal hours performed by apprentices who are graduates of Illinois Works Pre-apprenticeship, Climate Works, or Highway Construction Careers Programs) for some wage classifications and has received a Waiver or Reduction for the others.

I further certify to the best of my knowledge and belief that the information on this form is true, complete, and accurate and that any false, fictitious, misleading, or fraudulent information or the omission of any material on this form could result in the State of Illinois exercising any and all remedies provided for in the contract, grant, loan agreement(s), at law or in equity.

Institution/Organization Name

Title (Executive Director or equivalent)

Printed Name (Executive Director or equivalent)

Signature (Executive Director or equivalent)

Date







**MWRD GENERAL NOTES**

**A. REFERENCED SPECIFICATIONS**

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS.
  - \* STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (DOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION.
  - \* STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION.
  - \* VILLAGE OF CALUMET PARK MUNICIPAL CODE.
  - \* THE METROPOLITAN WATER REclamation DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL.
  - \* IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

**B. NOTIFICATIONS**

- THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055 OR SEND EMAIL NOTIFICATION WITH PROJECT NAME, LOCATION AND PERMIT NUMBER TO [WMOJOBSTART@MWRD.ORG](mailto:WMOJOBSTART@MWRD.ORG)).
- THE VILLAGE OF CALUMET PARK ENGINEERING DEPARTMENT AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.I.L.E. AT 1-800-892-0123.

**C. GENERAL NOTES**

- ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). CONVERSION FACTOR IS 0 FT.
- MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
- THE CONTRACTOR'S SHALL INDENIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
- THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND DO NOT REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.
- ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
- MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.
- THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
- ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
- RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-SOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

**D. SANITARY SEWER**

- THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
- A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.
- DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.
- ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).
- ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
- ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
- ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-564
DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE	ASTM D-3034	ASTM D-3212
6-INCH TO 15-INCH DIAMETER SDR 26	ASTM F-679	ASTM D-3212
18-INCH TO 27-INCH DIAMETER F/DY=46		
HIGH DENSITY POLYETHYLENE (HDPE)	ASTM D-3350	ASTM D-3261,F-2620 (HEAT FUSION)
WATER MAIN QUALITY PVC	ASTM D-3035	ASTM D-3212,F-477 (GASKETED)
4-INCH TO 36-INCH	ASTM D-2241	ASTM D-3139
4-INCH TO 12-INCH	AWWA C900	ASTM D-3139
14-INCH TO 48-INCH	AWWA C905	ASTM D-3139

THE FOLLOWING MATERIALS ARE ALLOWED ON A QUALIFIED BASIS SUBJECT TO DISTRICT REVIEW AND APPROVAL PRIOR TO PERMIT ISSUANCE. A SPECIAL CONDITION WILL BE ADDED TO THE PERMIT WHEN THE PIPE MATERIAL BELOW IS USED FOR SEWER CONSTRUCTION OR A CONNECTION IS MADE.

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
POLYPROPYLENE (PP) DOUBLE		
12-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	D-3212, F-477
30-INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	D3212, F-477

- ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
- NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.
- ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.
- WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYVE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
  - A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.
  - REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
  - WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
- WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.
- ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
- ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
- ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.
- ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.
- EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.
- A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCE SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

**E. EROSION AND SEDIMENT CONTROL**

- THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
- EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
- ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
  - UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
  - ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.
- MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
- TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.
- DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.
- ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
- VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.
- EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
- STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE FACILITIES.
- IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP-PIT, FILTER BAG OR EXISTING VEGETATED UPLSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
- ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
- THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

**LINE & SYMBOL LEGEND**

EXISTING	REMOVALS	PROPOSED
BUFFALO BOX	REMOVE OBJECT	OUTLET CONTROL STRUCTURE
FIRE HYDRANT	FENCE REMOVAL	MANHOLE
VALVE	STORM SEWER REMOVAL	CLEANOUT
VALVE BASIN	BURIED ELECTRIC LINE REMOVAL (BY OTHERS)	OBSERVATION WELL
SIGN	BURIED CABLE TELEVISION LINE REMOVAL (BY OTHERS)	VALVE
INLET	BURIED TELEPHONE LINE REMOVAL (BY OTHERS)	PARKING BLOCK
CATCH BASIN	PAVEMENT REMOVAL (FULL DEPTH)	SPOT ELEVATION
MANHOLE	SIDEWALK REMOVAL	CONTOUR MINOR
POWER POLE	STONE REMOVAL	CONTOUR MAJOR
POWER POLE WITH LIGHT	PLAYGROUND REMOVAL	STORM SEWER
POWER POLE WITH GUY WIRE	CURB & GUTTER REMOVAL	UNDERDRAIN
ALUMINUM LIGHT POLE	CONCRETE PAD REMOVAL	SANITARY SEWER
HANDHOLE / SPLICE BOX	ITEM TO BE REMOVED	WATER MAIN
EVERGREEN TREE	DRAINAGE & UTILITY STRUCTURE TO BE ADJUSTED	HIGH POINT GRADE BREAK LINE
DECIDUOUS TREE	RELOCATE EXISTING LIGHTING UNIT & REMOVAL OF POLE FOUNDATION	LOW POINT
BUSH / HEDGE		HIGH POINT
BORING LOCATION		GRADE DIRECTION
SPOT ELEVATION		SPOT ELEVATION
MINOR CONTOUR		OVERLAND FLOOD ROUTE
MAJOR CONTOUR		SUB-SURFACE CONTOUR
CENTERLINE / BASELINE		MINOR CONTOUR
RIGHT OF WAY		MAJOR CONTOUR
CHAIN LINK FENCE		FLOW LINE OF DITCH/SWALE
CHAIN LINK FENCE		HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
CURB AND GUTTER		HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
SANITARY SEWER		ON AGGREGATE BASE COURSE, TYPE B 8"
STORM SEWER		PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
COMBINATION SEWER		CONCRETE PAVERS (REFERENCE SITE DEVELOPMENT SHEETS)
WATER MAIN		SIGN PANEL
OVERHEAD ELECTRIC		TYPE 1 & METAL POST - TYPE A
BURIED ELECTRIC		PARKING STALL COUNT
GAS MAIN		
BURIED FIBER OPTIC		

**VILLAGE OF CALUMET PARK GENERAL NOTES**

**GENERAL**

- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST HIGHWAY STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, CONDITIONS, AND EXTENT OF THE WORK TO BE ACCOMPLISHED UNDER THIS CONTRACT.
- ALL DIMENSIONS INDICATED ON THE DRAWINGS SHALL BE ADHERED TO IN PREFERENCE TO SCALING DRAWINGS.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLAN, IF NECESSARY, AND A TEMPORARY OUTLET, AND BE PREPARED AT ALL TIMES TO DEWATER, AS NECESSARY. THIS WORK WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES FOR TRAFFIC CONTROL AND PROTECTION. THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN SUCH BARRICADES, SIGNS, AND LIGHTS AS ARE NECESSARY TO SAFEGUARD TRAFFIC AND PROTECT THE WORK IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, AS SPECIFIED HEREIN, AND AS REQUIRED BY THE MUNICIPALITY. SUCH BARRICADES, SIGNS, AND LIGHTS SHALL BE PROVIDED WHEREVER REQUIRED TO PREVENT ANY ACCIDENT OR HARM TO LIFE, LIMB, PROPERTY, OR THE WORK IN CONSEQUENCE OF THE EXCAVATION, USE, OR OCCUPANCY OF STREETS, ALLEYS, HIGHWAYS OR RIGHT-OF-WAY. OPERATION OF FLASHER LIGHTS SHALL BE MAINTAINED BY THE CONTRACTOR AS LONG AS THEY ARE NEEDED TO SAFEGUARD TRAFFIC AND PROTECT THE WORK AS DETERMINED BY THE MUNICIPALITY.
- THE APPROXIMATE LOCATION OF KNOWN PUBLIC UTILITIES ARE SHOWN ON THE PLANS, HOWEVER, THE ENGINEER DOES NOT GUARANTEE ITS ACCURACY. ADJUSTMENT OF ALL PUBLIC UTILITIES WITHIN THE LIMITS OF THIS IMPROVEMENT WILL BE DONE BY THEIR RESPECTIVE OWNERS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO DELAYS OR INCONVENIENCE CAUSED BY THESE ADJUSTMENTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY J.U.I.L.E. AT LEAST 48 HOURS PRIOR TO EXCAVATION TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATIONS BEFORE STARTING CONSTRUCTION OPERATIONS.
- WHEN IN THE CONSTRUCTION OPERATION, ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR OTHER DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED SHALL BE REMOVED AT THE CLOSE OF EACH DAY BY THE CONTRACTOR AT HIS EXPENSE.
- ALL PAVEMENT, CURB, AND SIDEWALK REMOVALS SHALL BE MADE BY MEANS OF A STRAIGHT SAW CUT JOINT. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A VIDEO DETAILING ALL SURFACE CONDITIONS WITHIN THE PROJECT AREA PRIOR TO EXCAVATION. ALL RESTORATION SHALL BE COMPLETED TO THE SATISFACTION OF THE OWNER AND ENGINEER.
- TEMPORARY ACCESS TO PROPERTIES AFFECTED BY THE CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES BY PLACEMENT OF TEMPORARY AGGREGATE. THE CONTRACTOR SHALL PERFORM ALL AFFECTED AREAS DURING THE PROJECT, AND SHALL PLACE ADDITIONAL AGGREGATE WHEN NECESSARY. THIS WORK WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- THE TOP OF ALL STRUCTURES SHALL BE FLUSH WITH THE ADJACENT SURFACE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL SURFACE ELEVATIONS AS PART OF THE NEW STRUCTURE COST.

- THE CONTRACTOR SHALL KEEP AN "AS BUILT" SET OF DRAWINGS WHICH WILL SHOW ANY CHANGES MADE IN THE FIELD WHICH ARE DIFFERENT THAN WHAT IS SHOWN ON THE DRAWINGS. TWO (2) COPIES OF THE "AS BUILT" DRAWINGS ARE TO BE SUBMITTED TO THE ENGINEER BEFORE THE PROJECT IS ACCEPTED BY THE OWNER.
- A MINIMUM OF 3 FEET OF PROTECTIVE COVER SHALL BE CONSTRUCTED PRIOR TO RUNNING HEAVY EQUIPMENT OVER INSTALLED PIPES.
- PIPE TO STRUCTURE CONNECTIONS SHALL BE ASTM C923.
- ALL ABANDONED SEWERS/FORCE MAINS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK GROUT.
- THE REMOVAL AND/OR REPLACEMENT OF ALL DRIVEWAYS, PAVEMENT, CURB, SIDEWALK, ETC. SHALL BE ACCOMPLISHED BY MEANS OF A SAW CUT JOINT.
- DEWATERING AND BYPASS PUMPING OF SEWERS AND EXCAVATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING ALL TRENCHES AND BYPASS PUMPING REQUIRED TO MAINTAIN THE WATER LEVEL BELOW THE BOTTOM OF THE PIPE OR CULVERT UNTIL THE PIPE OR CULVERT HAS BEEN BACKFILLED IN ORDER TO PRESERVE THE LINE AND GRADE OF THE PIPE OR CULVERT. THIS DEWATERING AND BYPASS PUMPING SHALL INCLUDE ALL SURFACE WATER FROM RAINFALL, SNOWMELT, ETC.

- REQUIREMENTS:**
- THE CONTRACTOR SHALL DESIGN, INSTALL, AND MAINTAIN DEWATERING EQUIPMENT (WELLS, SCREENS, PUMPS, PORTABLE POWER EQUIPMENT, ETC.) SUFFICIENT TO REMOVE AND MINIMIZE WATER FROM ENTERING EXCAVATIONS.
  - SURFACE WATER SHALL BE DIVERTED FROM THE EXCAVATION AREAS. ANY BYPASS PUMPING REQUIRED TO ALLOW FOR THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE INCLUDED.
  - BYPASS PUMPING SHALL MEET THE REQUIREMENTS OF THE ILLINOIS URBAN MANUAL.
  - THE GROUNDWATER LEVEL SHALL BE LOWERED SUFFICIENTLY BELOW THE BOTTOM OF THE DEEPEST EXCAVATION PRIOR TO AND DURING THE INSTALLATION OF SUBGRADE; DURING TESTING OF THE SUBGRADE; AND AFTER THE INSTALLATION OF STRUCTURES OR PIPING UNTIL NO DISPLACEMENT OR DAMAGE WILL RESULT WHEN THE DEWATERING IS DISCONTINUED.
  - DEWATERING WATER SHALL BE DISCHARGED TO THE SURFACE OR OTHER LOCATION AS APPROVED BY THE OWNER AND ENGINEER, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, AND CONFORMING TO THE PERMITTING REQUIREMENTS OF ALL APPLICABLE REGULATORY AGENCIES.
  - ANY DEWATERING REQUIRED SHALL BE DONE IN ACCORDANCE WITH IEPA STANDARDS AND SHALL BE IN COMPLIANCE WITH THE ILLINOIS URBAN MANUAL AND THE NPDES PERMIT. DEWATERING SHALL NOT BE DISCHARGED DIRECTLY TO ANY CREEKS, STREAMS, OR WETLANDS. AT MINIMUM, A DANDY DEWATERING BAG (OR EQUAL) SHALL BE USED AT ALL DEWATERING LOCATIONS.
  - PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL DESIGN AND SUBMIT FOR REVIEW, CONSTRUCTION PLANS AND DETAILED NARRATIVE TO THE ENGINEER THAT DISCLOSE THE CONTRACTOR'S PREFERRED DEWATERING METHOD.

**EARTHWORK**

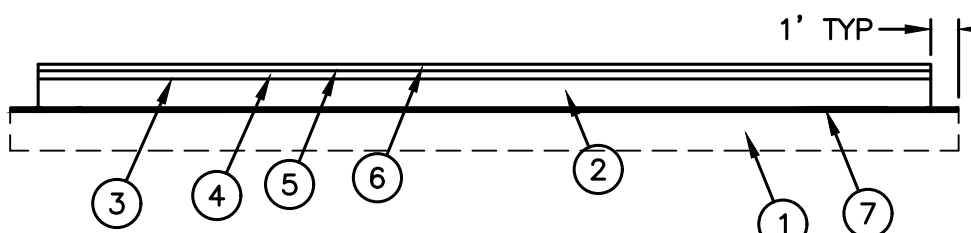
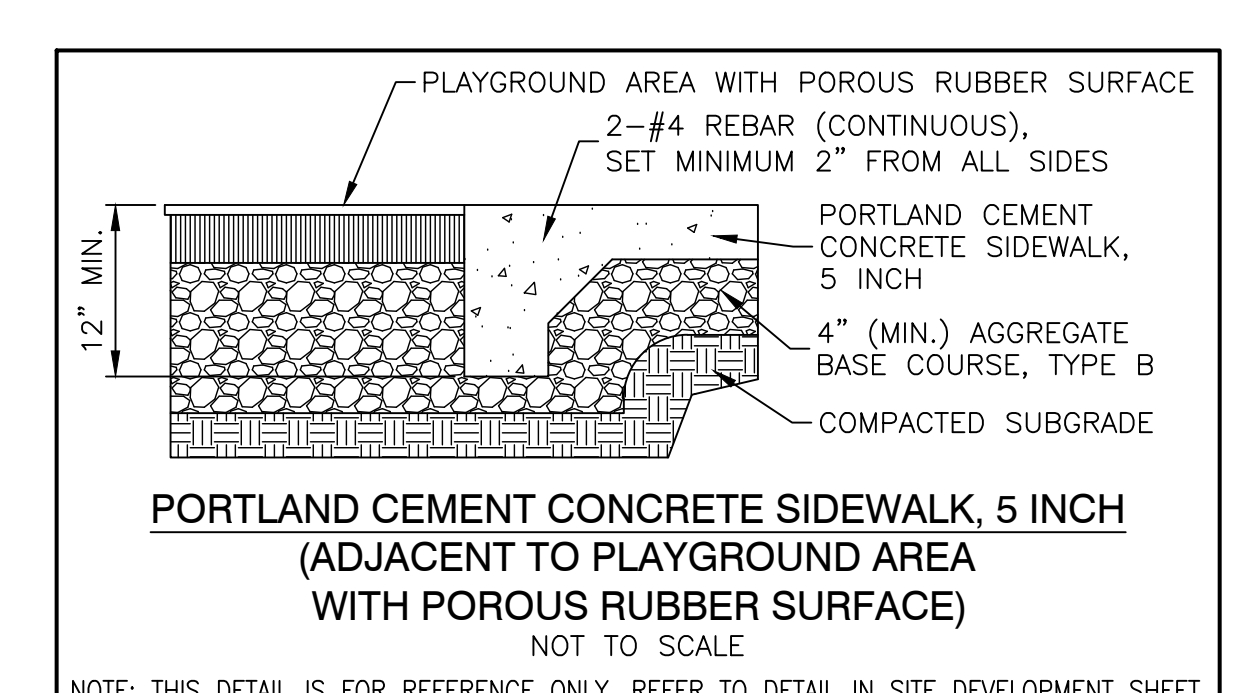
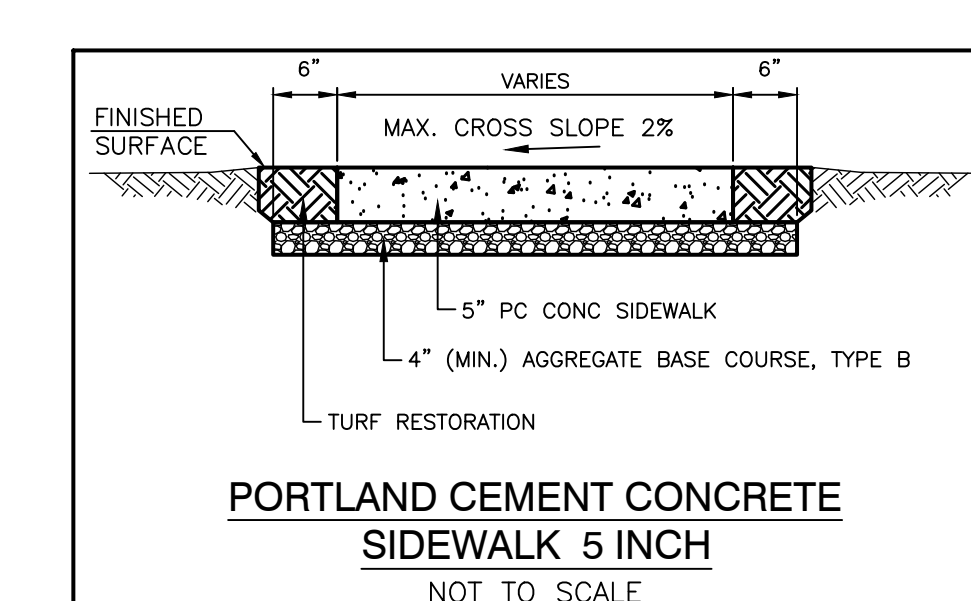
- TOPSOIL, ORGANIC MATERIAL, OR ANY OTHER UNSUITABLE MATERIALS SHALL BE REMOVED FROM AREAS REQUIRING STRUCTURAL FILL.
- EXCESS MATERIALS, IF NOT UTILIZED AS FILL OR IF NOT TO BE STOCKPILED FOR FUTURE LANDSCAPING, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF OFF-SITE BY THE CONTRACTOR.

**EXCAVATION**

- PRIOR TO COMMENCING ANY FILL OPERATIONS IN CURRENT OR FUTURE PHASE AREAS OF STRUCTURAL BUILDING, PAVEMENT, ALL TOPSOIL IS TO BE REMOVED, UNLESS OTHERWISE NOTED.
- UPON STRIPPING OF TOPSOIL FROM STRUCTURAL, PAVEMENT AND/OR UTILITY AREAS AND PRIOR TO PLACEMENT OF FILLS OR SUBBASE COURSES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND/OR THE OWNER'S TESTING LABORATORY FOR VERIFICATION OF THE ADEQUATE SUBGRADE STRENGTH. SOIL SUBGRADE STRENGTH IN PAVEMENT AREAS SHALL BE EVALUATED WITH THE AID OF A FULLY-LOADED EXCAVATION HAULING TRUCK, AND BY MEANS OF DENSITY TESTS. THIS SHALL BE REQUIRED IN CURRENT AND FUTURE PHASE AREAS THROUGHOUT THE ENTIRE PROPERTY.
- SURPLUS EXCAVATED SOIL MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED FROM THE SITE AS ACCEPTABLE TO THE ENGINEER.
- ALL FILLS SHALL BE COMPACTED IN 6-INCH LIFTS TO A MINIMUM OF 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY.
- IT SHALL BE THE RESPONSIBILITY OF THE SITE CONTRACTOR TO DISPOSE OF ALL EXCAVATED MATERIALS IN A RESPONSIBLE MANNER IN ACCORDANCE WITH IEPA CDD REQUIREMENTS.

**PAVEMENT**

- PAVEMENT AND CURB REMOVAL INCLUDES SAW-CUTTING AND REMOVING ASPHALT PAVEMENT AND CONCRETE CURB AS REQUIRED.
- THE AGGREGATE BASE COURSE MATERIALS SHALL BE APPLIED AND COMPACTED IN ACCORDANCE WITH SECTION 351 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- THE BINDER AND SURFACE COURSE MATERIALS SHALL BE APPLIED AND COMPACTED IN ACCORDANCE WITH SECTION 406 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.



MIXTURE TYPE	AIR VOIDS
HOT-MIX ASPHALT PAVEMENT (PARKING LOT)	
HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4% @ 50 Gyr.
HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"	4% @ 50 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE REQUIREMENTS = 112 LBS/SQYD/IN.

~~THE "AG TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SDS/SDR PG 76 22" AND FOR NON-POLYMERIZED HMA THE "AG TYPE" SHALL BE "PG 64 22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.~~

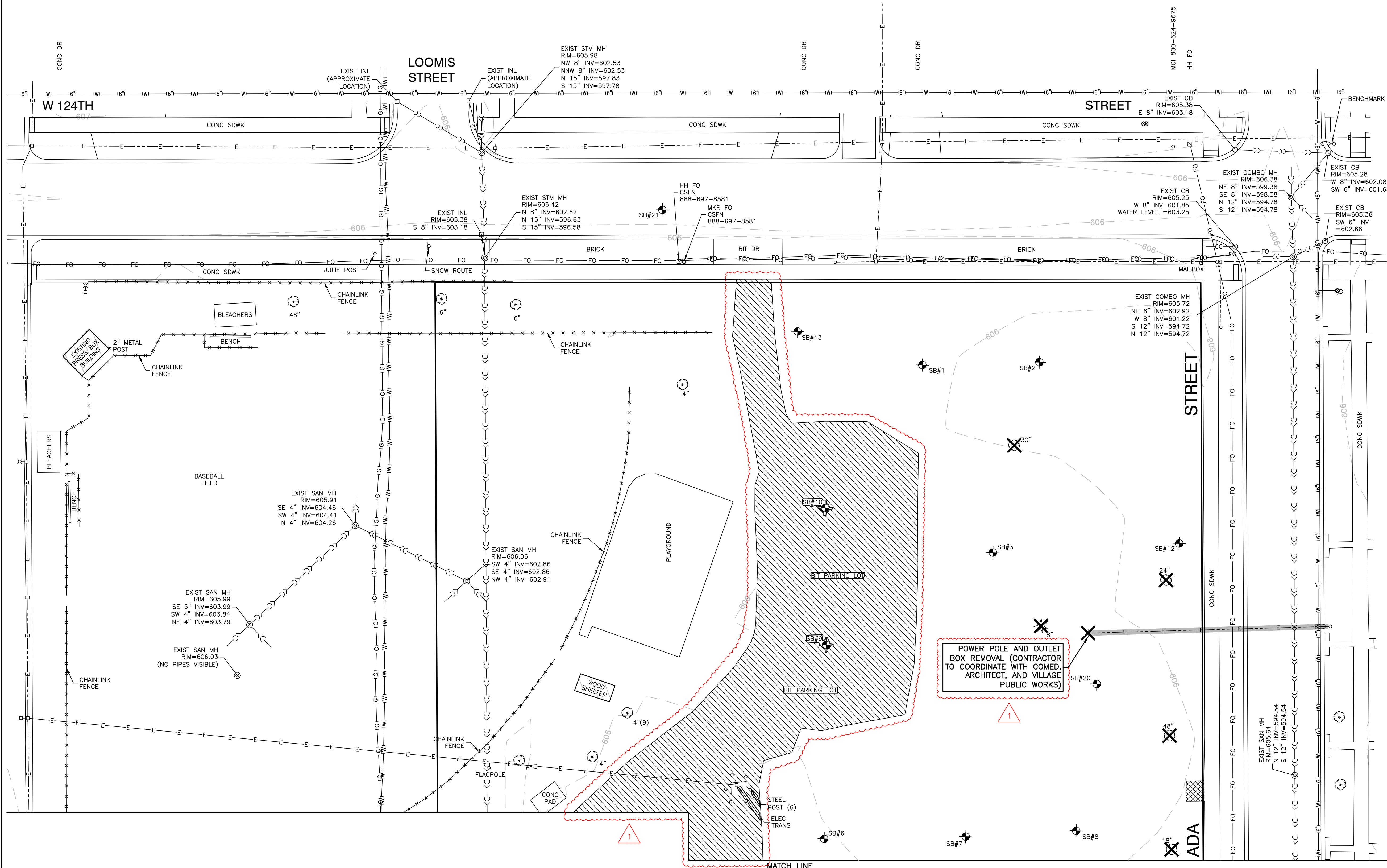
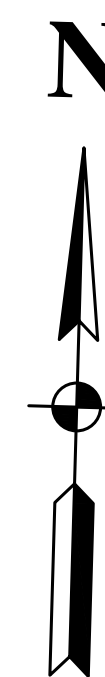
~~FOR HMA FULL-DEPTH "AG TYPE" SEE SPECIAL PROVISIONS.~~

~~FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.~~

DATE = 9/26/25	DESIGNED --- RC	REVISION 1 --- 9/26/25 50% SUBMITTAL	REVISION 5 --- 4/3/26 BID PLANS
SCALE = NOT TO SCALE	CHECKED --- JH	REVISION 2 --- 12/12/25 MWRD SUBMITTAL	REVISION 6 --- 4/15/26 ADDENDUM 1
PROJECT NO = 24-R0618	DRAWN --- ND	REVISION 3 --- 2/26/26 MWRD REVIEW & QA	REVISION 7 ---
FILE NAME = 24R0618-NOTE-01.dwg	CHECKED --- AG	REVISION 4 --- 3/26/26 MWRD REVIEW	REVISION 8 ---



LAST SAVED BY: MRSHELLEY ON 4/15/26  
PLOTTED BY: NATHAN DENALTO ON 4/15/26



**BENCHMARKS:**  
 BENCHMARK 1  
 SQUARE CUT WEST CONCRETE BASE ALP  
 NE CORNER ADA ST AND 124TH ST  
 ELEV=606.05  
 BENCHMARK 2  
 SQUARE CUT WEST CONCRETE BASE ALP  
 NE CORNER ADA ST AND 125TH ST  
 ELEV=605.81  
 BENCHMARK 3  
 SQUARE CUT EAST CONCRETE BASE FOR  
 CALUMET PARK PARKS BLDG  
 ELEV=606.16

**LEGEND**

- REMOVE OBJECT
- FENCE REMOVAL
- STORM SEWER REMOVAL
- WATER MAIN REMOVAL
- BURIED ELECTRIC LINE REMOVAL (BY OTHERS)
- PAVEMENT REMOVAL (FULL DEPTH)
- CONCRETE PAD REMOVAL
- STONE REMOVAL (PAD AS EARTH EXCAVATION)
- REMOVE
- ADJUST
- RELU & ROPF

**NOTES:**  
 1. ALL ABANDONED SANITARY/COMBINED SEWERS, STORM SEWERS, OR PIPES SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM 2' NON-SHRINK CONCRETE OR MORTAR PLUG.  
 2. CONTRACTOR SHALL REFER TO SITE DEVELOPMENT SHEETS FOR ADDITIONAL SITE WORK INCLUDING SELECTIVE DEMOLITION, SITE CONSTRUCTION DETAILS, CONCRETE SCORING LOCATIONS, LAYOUT DIMENSIONING AND LANDSCAPE PLANS. COORDINATE WITH THE SITE DEVELOPMENT SHEETS FOR DEMOLITION, GRADING, AND UTILITIES.

DATE = 9/26/25	DESIGNED — RC	REVISION 1 — 9/26/25 50% SUBMITTAL	REVISION 5 — 4/3/26 BID PLANS
SCALE = 1"=20'	CHECKED — JH	REVISION 2 — 12/12/25 MWRD SUBMITTAL	REVISION 6 — 4/15/26 ADDENDUM 1
PROJECT NO = 24-R0618	DRAWN — ND	REVISION 3 — 2/26/26 MWRD REVIEW & QA	REVISION 7 —
FILE NAME = 24R0618-RMVL-01.dwg	CHECKED — AG	REVISION 4 — 3/26/26 MWRD REVIEW	REVISION 8 —

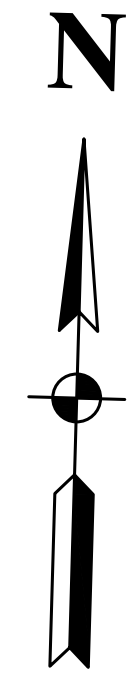


VILLAGE GREEN PARK  
 PROPOSED IMPROVEMENTS  
 REMOVALS

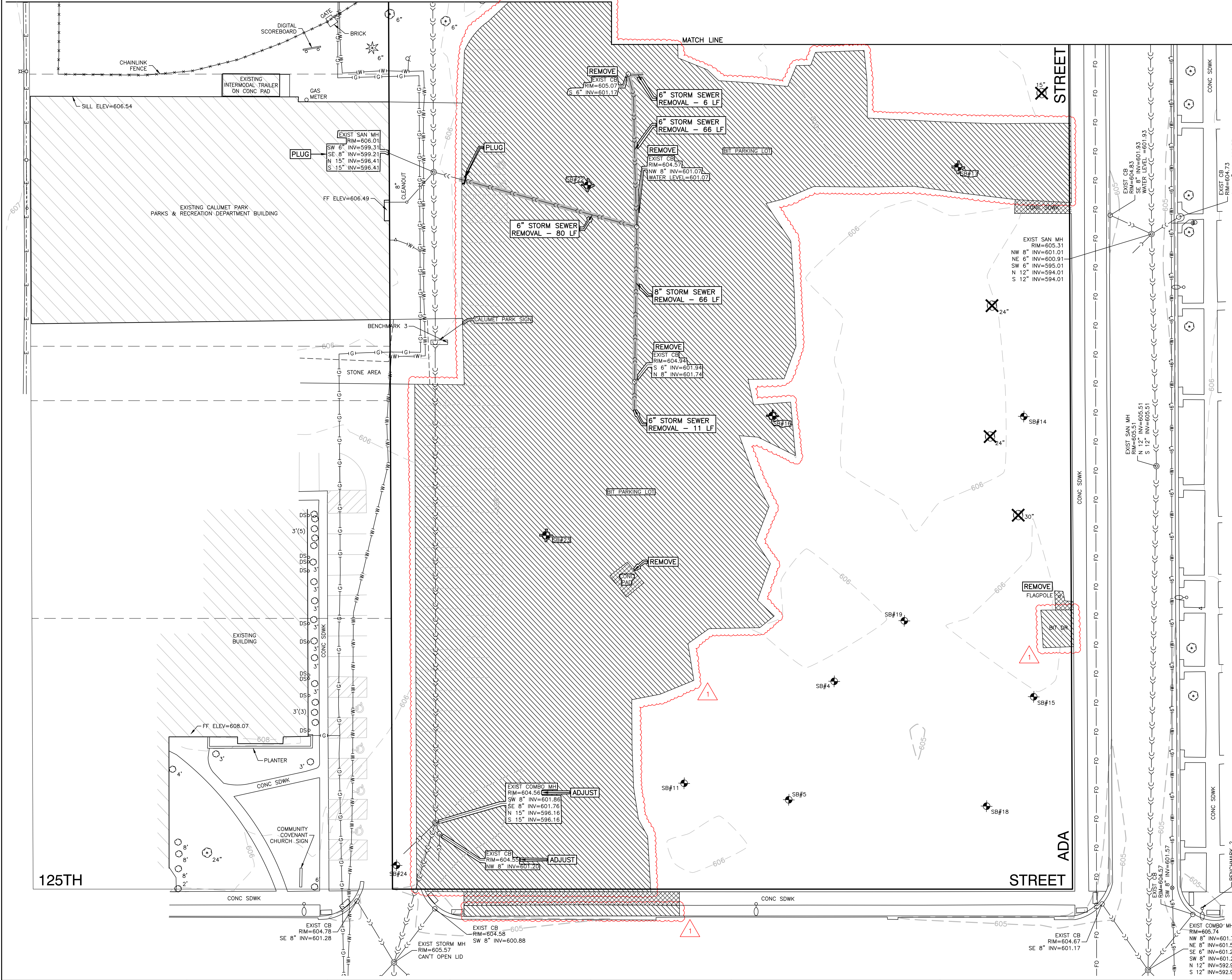
VILLAGE  
 of  
 CALUMET PARK

SHEET NO.  
 C-04 of 26

LAST SAVED BY: MDELAIT ON 4/15/26  
 PLOTTED BY: NATHAN DENAULT ON 4/15/26



**BENCHMARKS:**  
 BENCHMARK 1  
 SQUARE CUT WEST CONCRETE BASE ALP  
 NE CORNER ADA ST AND 124TH ST  
 ELEV=606.05  
 BENCHMARK 2  
 SQUARE CUT WEST CONCRETE BASE ALP  
 NE CORNER ADA ST AND 125TH ST  
 ELEV=605.81  
 BENCHMARK 3  
 SQUARE CUT EAST CONCRETE BASE FOR  
 CALUMET PARK PARKS BLDG  
 ELEV=606.16



**LEGEND**

	REMOVE OBJECT
	FENCE REMOVAL
	STORM SEWER REMOVAL
	WATER MAIN REMOVAL
	BURIED ELECTRIC LINE REMOVAL (BY OTHERS)
	PAVEMENT REMOVAL (FULL DEPTH)
	CONCRETE PAD REMOVAL
	STONE REMOVAL (PAID AS EARTH EXCAVATION)
	ITEM TO BE REMOVED
	DRAINAGE & UTILITY STRUCTURE TO BE ADJUSTED
	RELOCATE EXISTING LIGHTING UNIT & REMOVAL OF POLE FOUNDATION

**NOTES:**  
 1. ALL ABANDONED SANITARY/COMBINED SEWERS, STORM SEWERS, OR PIPES SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM 2' NON-SHRINK CONCRETE OR MORTAR PLUG.  
 2. CONTRACTOR SHALL REFER TO SITE DEVELOPMENT SHEETS FOR ADDITIONAL SITE WORK INCLUDING SELECTIVE DEMOLITION, SITE CONSTRUCTION DETAILS, CONCRETE SCORING LOCATIONS, LAYOUT DIMENSIONING AND LANDSCAPE PLANS. COORDINATE WITH THE SITE DEVELOPMENT SHEETS FOR DEMOLITION, GRADING, AND UTILITIES.

DATE = 9/26/25	DESIGNED — RC	REVISION 1 — 9/26/25 50% SUBMITTAL	REVISION 5 — 4/3/26 BID PLANS
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PROJECT NO = 24-R0618	DRAWN — ND	REVISION 3 — 2/26/26 MWRD REVIEW & QA	REVISION 7 —
FILE NAME = 24R0618-RMVL-01.dwg	CHECKED — AG	REVISION 4 — 3/26/26 MWRD REVIEW	REVISION 8 —

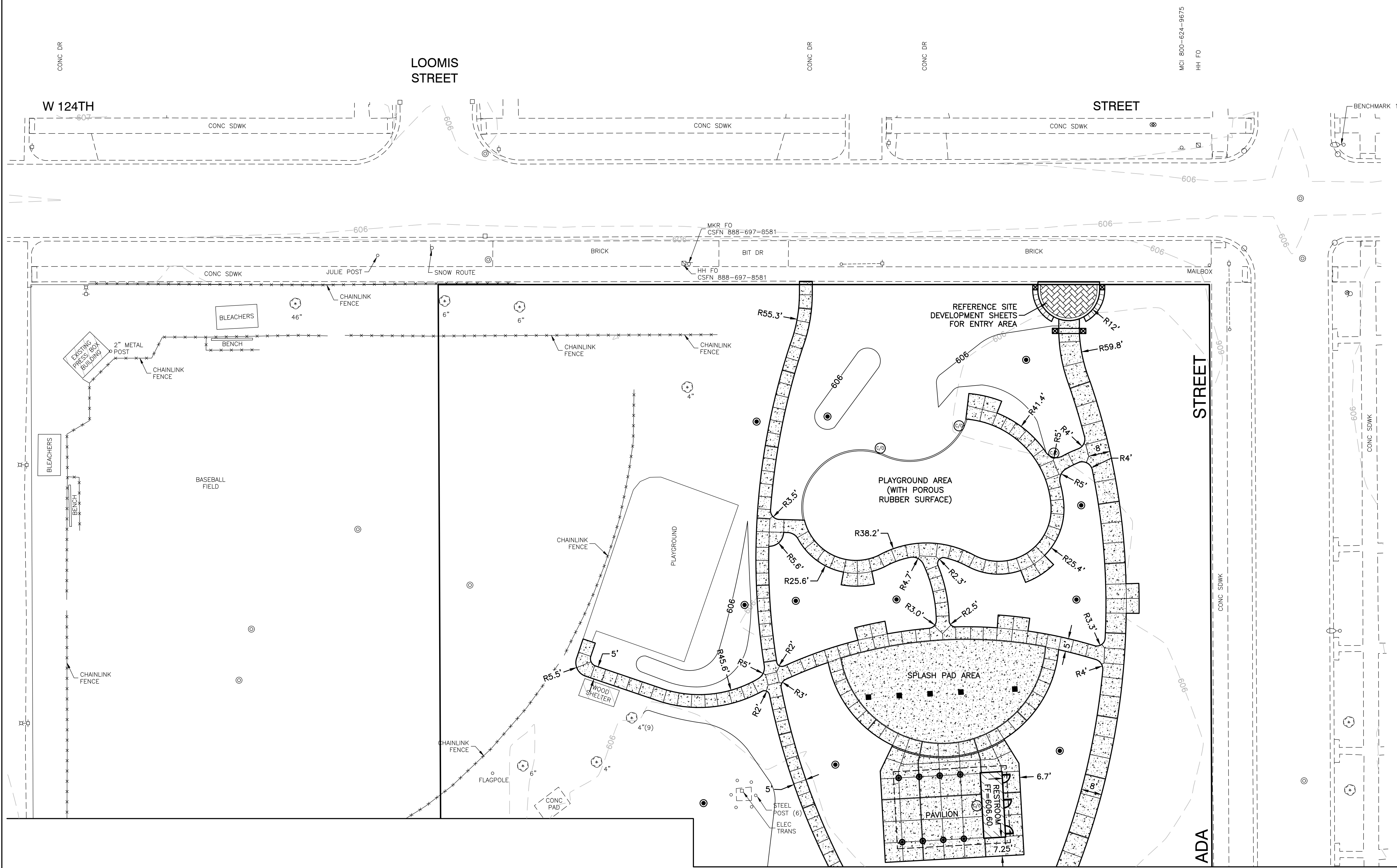


VILLAGE GREEN PARK  
 PROPOSED IMPROVEMENTS  
 REMOVALS

VILLAGE  
 of  
 CALUMET PARK

SHEET NO.  
 C-05 of 26

LAST SAVED BY: MDELANTE ON 4/10/26  
 PLOTTED BY: NATHAN DENAUULT ON 4/15/26



**NOTES**

- ALL STRAIGHT LINE DIMENSIONS TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED. ALL RADIUS DIMENSIONS TO THE BACK OF CURB UNLESS OTHERWISE NOTED.

**LEGEND**

- PAINT PAVEMENT MARKING LETTERS AND SYMBOLS (YELLOW) (2-COATS)
- PAINT PAVEMENT MARKING LINE 4" (YELLOW) (2-COATS)
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4" ON AGGREGATE BASE COURSE, TYPE B 8"
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- CONCRETE PAVERS (REFERENCE SITE DEVELOPMENT SHEETS)
- SIGN PANEL TYPE 1 & METAL POST - TYPE A
- PARKING STALL COUNT

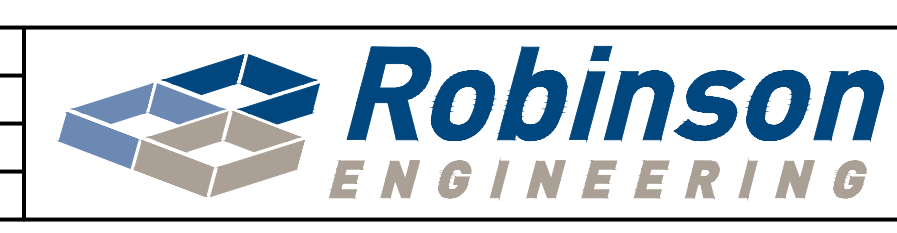
**BENCHMARKS:**

- BENCHMARK 1  
SQUARE CUT WEST CONCRETE BASE ALP NE CORNER ADA ST AND 124TH ST  
ELEV=606.05
- BENCHMARK 2  
SQUARE CUT WEST CONCRETE BASE ALP NE CORNER ADA ST AND 125TH ST  
ELEV=605.81
- BENCHMARK 3  
SQUARE CUT EAST CONCRETE BASE FOR CALUMET PARK PARKS BLDG  
ELEV=606.16

**NOTE:**

- CONTRACTOR SHALL REFER TO SITE DEVELOPMENT SHEETS FOR ADDITIONAL SITE WORK INCLUDING SELECTIVE DEMOLITION, SITE CONSTRUCTION DETAILS, CONCRETE SCORING LOCATIONS, LAYOUT DIMENSIONING AND LANDSCAPE PLANS. COORDINATE WITH THE SITE DEVELOPMENT SHEETS FOR DEMOLITION, GRADING, AND UTILITIES.
- REFERENCE SITE DEVELOPMENT SHEETS FOR THE PLAYGROUND, SPLASH PAD, PAVILION, RESTROOM, AND GAZEBO AREAS.

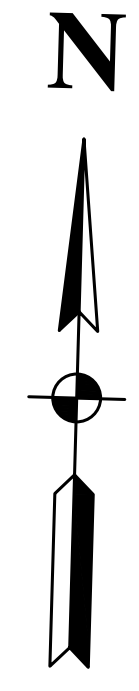
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SCALE = 1"=20'	CHECKED — JH	REVISION 2 — 12/12/25 MWRD SUBMITTAL	REVISION 6 — 4/15/26 ADDENDUM 1
PROJECT NO = 24-R0618	DRAWN — ND	REVISION 3 — 2/26/26 MWRD REVIEW & QA	REVISION 7 —
FILE NAME = 24R0618-STRP-01.dwg	CHECKED — AG	REVISION 4 — 3/26/26 MWRD REVIEW	REVISION 8 —



VILLAGE GREEN PARK  
PROPOSED IMPROVEMENTS  
GEOMETRICS AND STRIPING

VILLAGE  
of  
CALUMET PARK

SHEET NO.  
C-06 of 26



PARKING TABLE	
STANDARD PARKING SPACES	= 73
HANDICAPPED ACCESSIBLE PARKING SPACES	= 4
TOTAL PARKING SPACES	= 77

**NOTES**

1. ALL STRAIGHT LINE DIMENSIONS TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED. ALL RADIUS DIMENSIONS TO THE BACK OF CURB UNLESS OTHERWISE NOTED.

**RESERVED PARKING**

R7-8  
12"x18"

**\$250 FINE**

R7-1101  
12"x6"

**VAN ACCESSIBLE**

R7-8P  
12"x6"

13.5' METAL POST, TYPE A  
**ADA SIGNAGE**

**REGULATORY SIGNS**

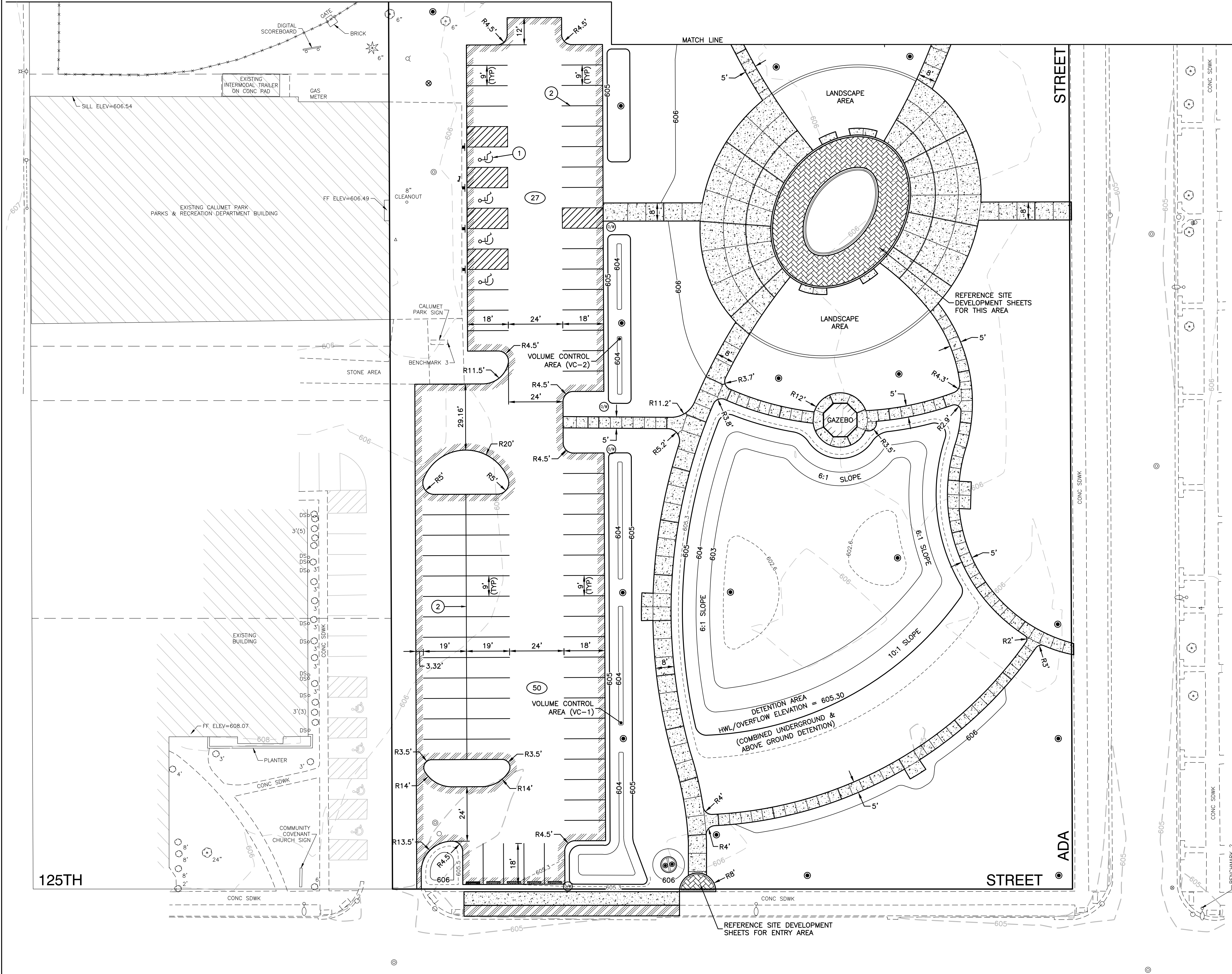
- LEGEND**
- ① PAINT PAVEMENT MARKING LETTERS AND SYMBOLS (YELLOW) (2-COATS)
  - ② PAINT PAVEMENT MARKING LINE 4" (YELLOW) (2-COATS)
  - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4" ON AGGREGATE BASE COURSE, TYPE B 8"
  - PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
  - CONCRETE PAVERS (REFERENCE SITE DEVELOPMENT SHEETS)
  - SIGN PANEL TYPE 1 & METAL POST - TYPE A
  - PARKING STALL COUNT

- BENCHMARKS:**
- BENCHMARK 1  
SQUARE CUT WEST CONCRETE BASE ALP NE CORNER ADA ST AND 124TH ST  
ELEV=606.05
- BENCHMARK 2  
SQUARE CUT WEST CONCRETE BASE ALP NE CORNER ADA ST AND 125TH ST  
ELEV=605.81
- BENCHMARK 3  
SQUARE CUT EAST CONCRETE BASE FOR CALUMET PARK PARKS BLDG  
ELEV=606.16

**NOTE:**

1. CONTRACTOR SHALL REFER TO SITE DEVELOPMENT SHEETS FOR ADDITIONAL SITE WORK INCLUDING SELECTIVE DEMOLITION, SITE CONSTRUCTION DETAILS, CONCRETE SCORING LOCATIONS, LAYOUT DIMENSIONING AND LANDSCAPE PLANS. COORDINATE WITH THE SITE DEVELOPMENT SHEETS FOR DEMOLITION, GRADING, AND UTILITIES.

2. REFERENCE SITE DEVELOPMENT SHEETS FOR THE PLAYGROUND, SPLASH PAD, PAVILION, RESTROOM, AND GAZEBO AREAS.



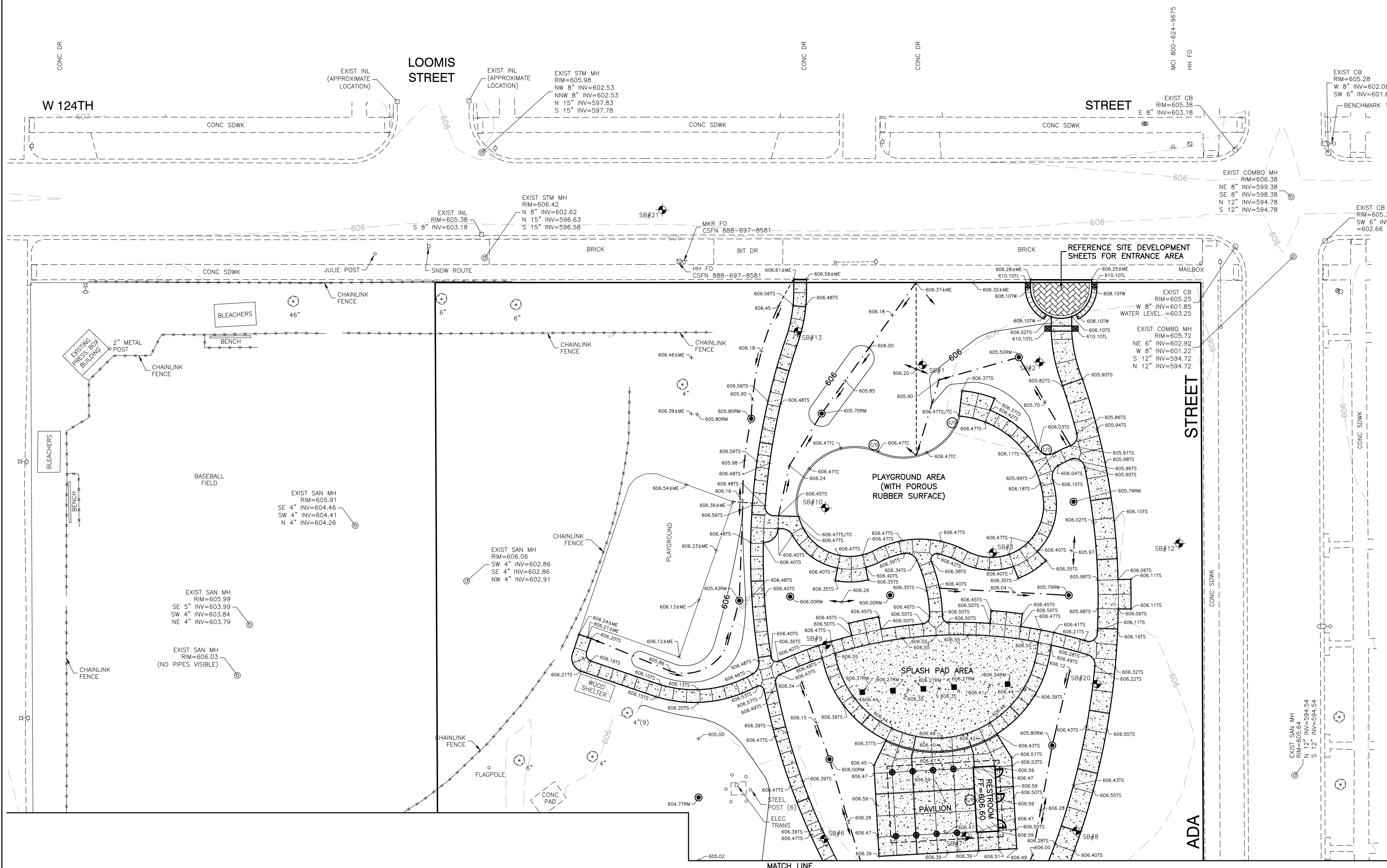
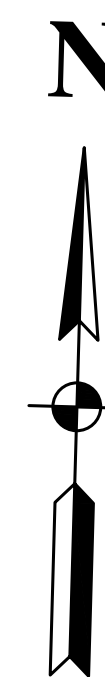
DATE = 9/26/25	DESIGNED -- RC	REVISION 1 -- 9/26/25 50% SUBMITTAL	REVISION 5 -- 4/3/26 BID PLANS
SCALE = 1"=20'	CHECKED -- JH	REVISION 2 -- 12/12/25 MWRD SUBMITTAL	REVISION 6 -- 4/15/26 ADDENDUM 1
PROJECT NO = 24-R0618	DRAWN -- ND	REVISION 3 -- 2/26/26 MWRD REVIEW & QA	REVISION 7 --
FILE NAME = 24R0618-STRP-01.dwg	CHECKED -- AG	REVISION 4 -- 3/26/26 MWRD REVIEW	REVISION 8 --



VILLAGE GREEN PARK  
PROPOSED IMPROVEMENTS  
GEOMETRICS AND STRIPING

VILLAGE  
of  
CALUMET PARK

SHEET NO.  
C-07 of 26



- BENCHMARKS:**
- BENCHMARK 1  
SQUARE CUT WEST CONCRETE BASE ALP  
NE CORNER ADA ST AND 124TH ST  
ELEV=606.05
  - BENCHMARK 2  
SQUARE CUT WEST CONCRETE BASE ALP  
NE CORNER ADA ST AND 125TH ST  
ELEV=605.81
  - BENCHMARK 3  
SQUARE CUT EAST CONCRETE BASE FOR  
CALUMET PARK PARKS BLDG  
ELEV=606.16

- SPOT ELEVATION ABBREVIATIONS:**
- EP EDGE OF PAVEMENT
  - ME MATCH EXISTING GRADE
  - RM RIM ELEVATION
  - TC TOP OF CURB
  - TS TOP OF SIDEWALK
  - TW TOP OF WALL
  - TL TOP OF COLUMN

- NOTES:**
1. SEE SHEET C-02 FOR TYPICAL CROSS SECTIONS.
  2. SEE SHEET C-02 FOR LEGEND.
  3. CONTRACTOR SHALL REFER TO SITE DEVELOPMENT SHEETS FOR ADDITIONAL SITE WORK INCLUDING SELECTIVE DEMOLITION, SITE CONSTRUCTION DETAILS, CONCRETE SCORING LOCATIONS, LAYOUT DIMENSIONING AND LANDSCAPE PLANS. COORDINATE WITH THE SITE DEVELOPMENT SHEETS FOR DEMOLITION, GRADING, AND UTILITIES.
  4. REFERENCE SITE DEVELOPMENT SHEETS FOR THE PLAYGROUND, SPLASH PAD, PAVILION, RESTROOM, AND GAZEBO AREAS.



DATE = 9/26/25	DESIGNED — RC	REVISION 1 — 9/26/25 50% SUBMITTAL	REVISION 5 — 4/3/26 BID PLANS
SCALE = 1"=20'	CHECKED — JH	REVISION 2 — 12/12/25 MWRD SUBMITTAL	REVISION 6 — 4/15/26 ADDENDUM 1
PROJECT NO = 24-R0618	DRAWN — ND	REVISION 3 — 2/26/26 MWRD REVIEW & QA	REVISION 7 —
FILE NAME = 24R0618-GRAD-01.dwg	CHECKED — AG	REVISION 4 — 3/26/26 MWRD REVIEW	REVISION 8 —

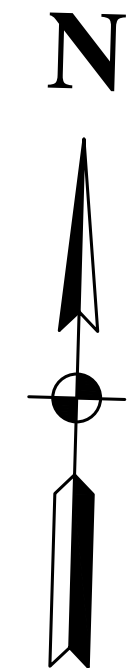


VILLAGE GREEN PARK  
PROPOSED IMPROVEMENTS  
GRADING

VILLAGE  
of  
CALUMET PARK

SHEET NO.  
C-08 of 26

LAST SAVED BY: MDEANILET ON 4/1/2025  
PLOTTED BY: NATHAN DENAULT ON 4/1/2025



**BENCHMARKS:**

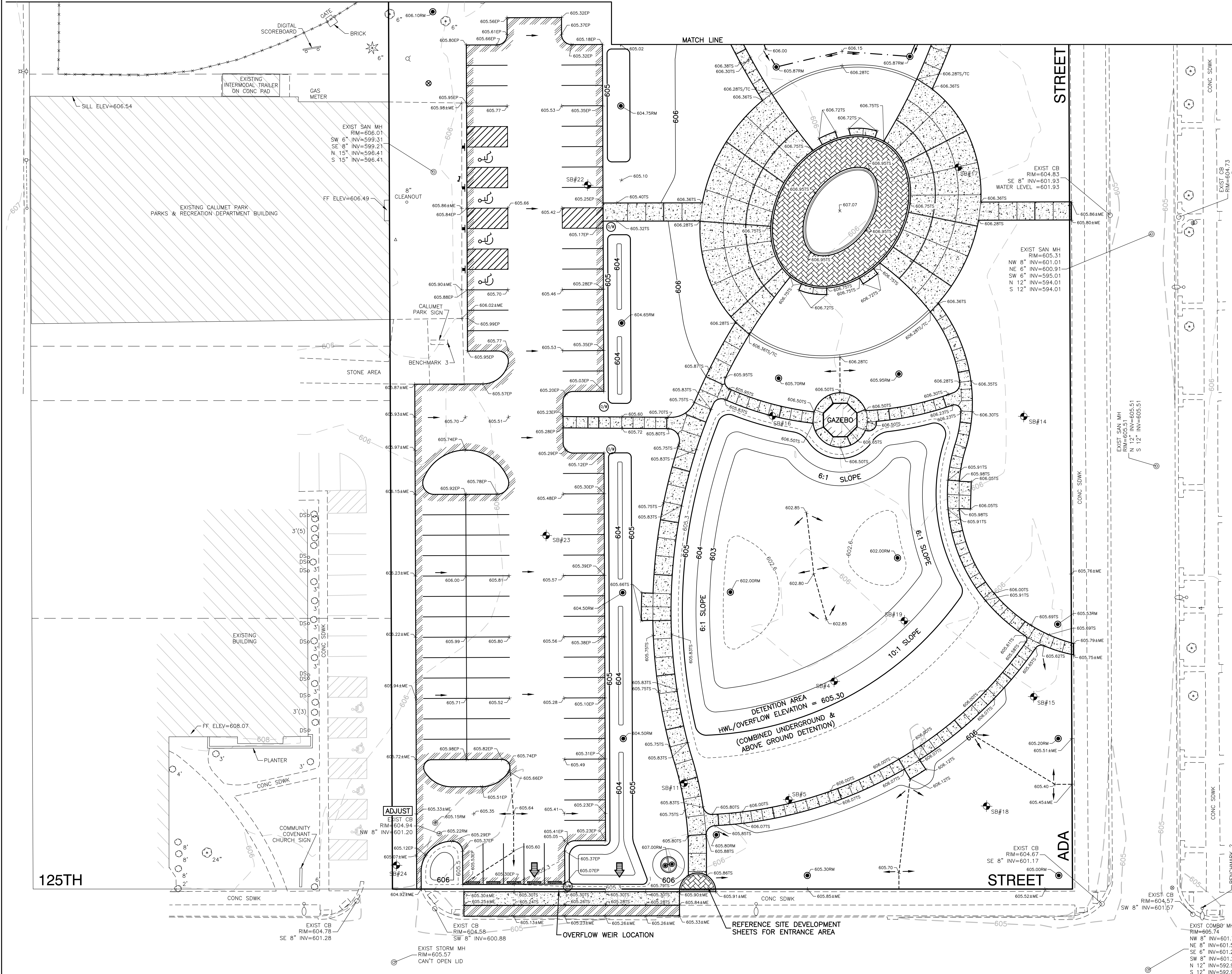
- BENCHMARK 1  
SQUARE CUT WEST CONCRETE BASE ALP  
NE CORNER ADA ST AND 124TH ST  
ELEV=606.05
- BENCHMARK 2  
SQUARE CUT WEST CONCRETE BASE ALP  
NE CORNER ADA ST AND 125TH ST  
ELEV=605.81
- BENCHMARK 3  
SQUARE CUT EAST CONCRETE BASE FOR  
CALUMET PARK PARKS BLDG  
ELEV=606.16

**SPOT ELEVATION ABBREVIATIONS:**

- EP EDGE OF PAVEMENT
- ME MATCH EXISTING GRADE
- RM RIM ELEVATION
- TC TOP OF CURB
- TS TOP OF SIDEWALK
- TW TOP OF WALL
- TL TOP OF COLUMN

**NOTES:**

1. SEE SHEET C-02 FOR TYPICAL CROSS SECTIONS.
2. SEE SHEET C-02 FOR LEGEND.
3. CONTRACTOR SHALL REFER TO SITE DEVELOPMENT SHEETS FOR ADDITIONAL SITE WORK INCLUDING SELECTIVE DEMOLITION, SITE CONSTRUCTION DETAILS, CONCRETE SCORING LOCATIONS, LAYOUT DIMENSIONING AND LANDSCAPE PLANS. COORDINATE WITH THE SITE DEVELOPMENT SHEETS FOR DEMOLITION, GRADING, AND UTILITIES.
4. REFERENCE SITE DEVELOPMENT SHEETS FOR THE PLAYGROUND, SPLASH PAD, PAVILION, RESTROOM, AND GAZEBO AREAS.



DATE = 9/26/25	DESIGNED -- RC	REVISION 1 -- 9/26/25 50% SUBMITTAL	REVISION 5 -- 4/3/26 BID PLANS
SCALE = 1"=20'	CHECKED -- JH	REVISION 2 -- 12/12/25 MWRD SUBMITTAL	REVISION 6 -- 4/15/26 ADDENDUM 1
PROJECT NO = 24-R0618	DRAWN -- ND	REVISION 3 -- 2/26/26 MWRD REVIEW & QA	REVISION 7 --
FILE NAME = 24R0618-GRAD-01.dwg	CHECKED -- AG	REVISION 4 -- 3/26/26 MWRD REVIEW	REVISION 8 --

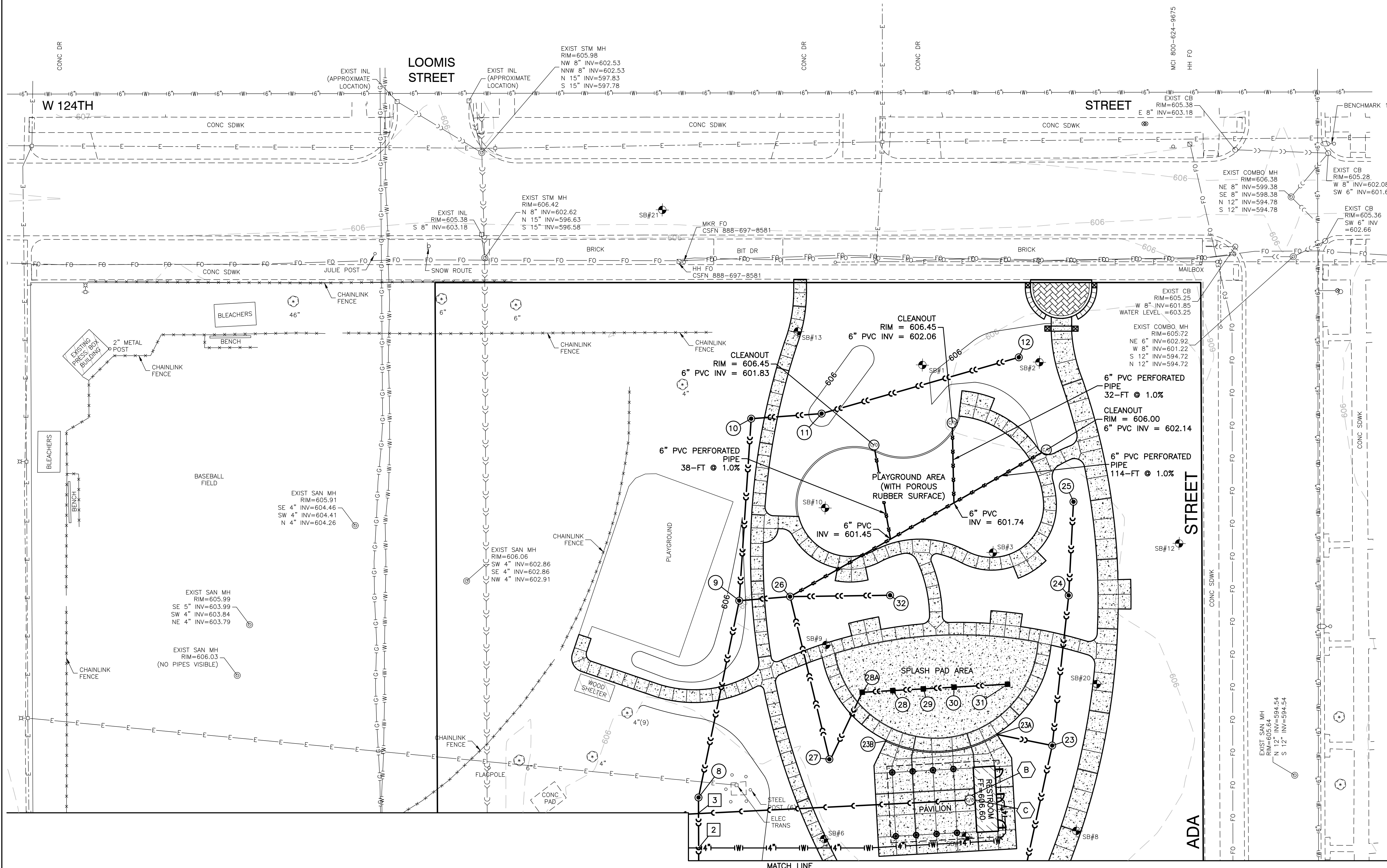


VILLAGE GREEN PARK  
PROPOSED IMPROVEMENTS  
GRADING

VILLAGE  
of  
CALUMET PARK

SHEET NO.  
C-09 of 26

LAST SAVED BY: MDELANTE ON 4/10/26  
PLOTTED BY: NATHAN DENAULT ON 4/15/26



- BENCHMARKS:**
- BENCHMARK 1  
SQUARE CUT WEST CONCRETE BASE ALP  
NE CORNER ADA ST AND 124TH ST  
ELEV=606.05
  - BENCHMARK 2  
SQUARE CUT WEST CONCRETE BASE ALP  
NE CORNER ADA ST AND 125TH ST  
ELEV=605.81
  - BENCHMARK 3  
SQUARE CUT EAST CONCRETE BASE FOR  
CALUMET PARK PARKS BLDG  
ELEV=606.16

**NOTE:**

THE WATER SERVICE SHALL BE DUCTILE IRON CLASS 52.

ALL MECHANICAL JOINT RESTRAINTS SHALL BE INCORPORATED IN THE DESIGN OF A FOLLOWER GLAND. THE GLAND SHALL BE MANUFACTURED OF DUCTILE IRON CONFORMING TO ASTM A 536. DIMENSIONS OF THE GLAND SHALL BE SUCH THAT IT CAN BE USED WITH THE STANDARDIZED MECHANICAL JOINT BELL AND TEE-HEAD BOLTS CONFORMING TO AWWA C111 AND C153.

THE RESTRAINT MECHANISM SHALL CONSIST OF NUMEROUS INDIVIDUALLY ACTIVATED GRIPPING SURFACES TO MAXIMIZE RESTRAINT CAPABILITY. THE GRIPPING SURFACES SHALL BE WEDGES DESIGNED TO SPREAD THE BEARING SURFACES ON THE PIPE. TWIST-OFF NUTS, SIZED SAME AS TEE-HEAD BOLTS, SHALL BE USED TO ENSURE PROPER ACTUATING OF RESTRAINING DEVICES. WHEN THE NUT IS SHEARED OFF, A STANDARD HEX NUT SHALL REMAIN. THE MECHANICAL JOINT RESTRAINT DEVICE FOR DUCTILE IRON PIPE SHALL HAVE A WORKING PRESSURE OF AT LEAST 250 PSI WITH A MINIMUM SAFETY FACTOR OF 2. GASKET MATERIAL IDENTICAL TO THAT DESCRIBED ABOVE SHALL BE UTILIZED AT ALL JOINTS AND FITTINGS.

THE MECHANICAL JOINT RESTRAINT DEVICES SHALL BE EBAA IRON, INC. MEGALUG 1100 OR 2000PV SERIES, UNI-FLANGE SERIES 1500, OR ENGINEER-APPROVED EQUAL.

ALL DUCTILE IRON WATER MAIN AND FITTINGS SHALL BE WRAPPED IN 8-MIL THICK POLYETHYLENE ENCASEMENT (V-BIO ENHANCED POLYETHYLENE ENCASEMENT AND CORROSION CONTROL) IN ACCORDANCE WITH ANSI/AWWA C105/A21.5 (AWWA STANDARD FOR POLYETHYLENE ENCASEMENT FOR DUCTILE-IRON PIPE SYSTEMS) METHOD B, WITH PIPE AND JOINTS WRAPPED SEPARATELY.

ALL BOLTS AND NUTS SHALL BE STAINLESS STEEL T-HEAD BOLTS AND NUTS SHALL BE SERIES S30400 AISI 304 MEETING ASTM A193. TO PREVENT GALLING THE ENTIRE SURFACE OF THE BOLT SHALL BE SPRAY COATED WITH BURGUNDY COLORED 1010 XYLAN AS MANUFACTURED BY WHITFORD WORLDWIDE OR APPROVED EQUAL.

**NOTE:**

CONTRACTOR SHALL REFER TO SITE DEVELOPMENT, LANDSCAPE, ELECTRICAL, AND PLUMBING SHEETS FOR ADDITIONAL SITE WORK.

DATE = 9/26/25	DESIGNED -- RC	REVISION 1 -- 9/26/25 50% SUBMITTAL	REVISION 5 -- 4/3/26 BID PLANS
SCALE = 1"=20'	CHECKED -- JH	REVISION 2 -- 12/12/25 MWRD SUBMITTAL	REVISION 6 -- 4/15/26 ADDENDUM 1
PROJECT NO = 24-R0618	DRAWN -- ND	REVISION 3 -- 2/26/26 MWRD REVIEW & QA	REVISION 7 --
FILE NAME = 24R0618-UTIL-01.dwg	CHECKED -- AG	REVISION 4 -- 3/26/26 MWRD REVIEW	REVISION 8 --

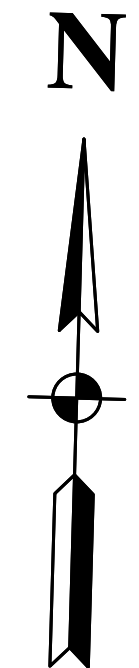


VILLAGE GREEN PARK  
PROPOSED IMPROVEMENTS  
UTILITIES

VILLAGE  
of  
CALUMET PARK

SHEET NO.  
C-10 of 26

LAST SAVED BY: MDEANILIT ON 4/15/26  
PLOTTED BY: NATHAN DENAULT ON 4/15/26



**BENCHMARKS:**

- BENCHMARK 1  
SQUARE CUT WEST CONCRETE BASE ALP  
NE CORNER ADA ST AND 124TH ST  
ELEV=606.05
- BENCHMARK 2  
SQUARE CUT WEST CONCRETE BASE ALP  
NE CORNER ADA ST AND 125TH ST  
ELEV=605.81
- BENCHMARK 3  
SQUARE CUT EAST CONCRETE BASE FOR  
CALUMET PARK PARKS BLDG  
ELEV=606.16

**NOTE:**

THE WATER SERVICE SHALL BE DUCTILE IRON CLASS 52.

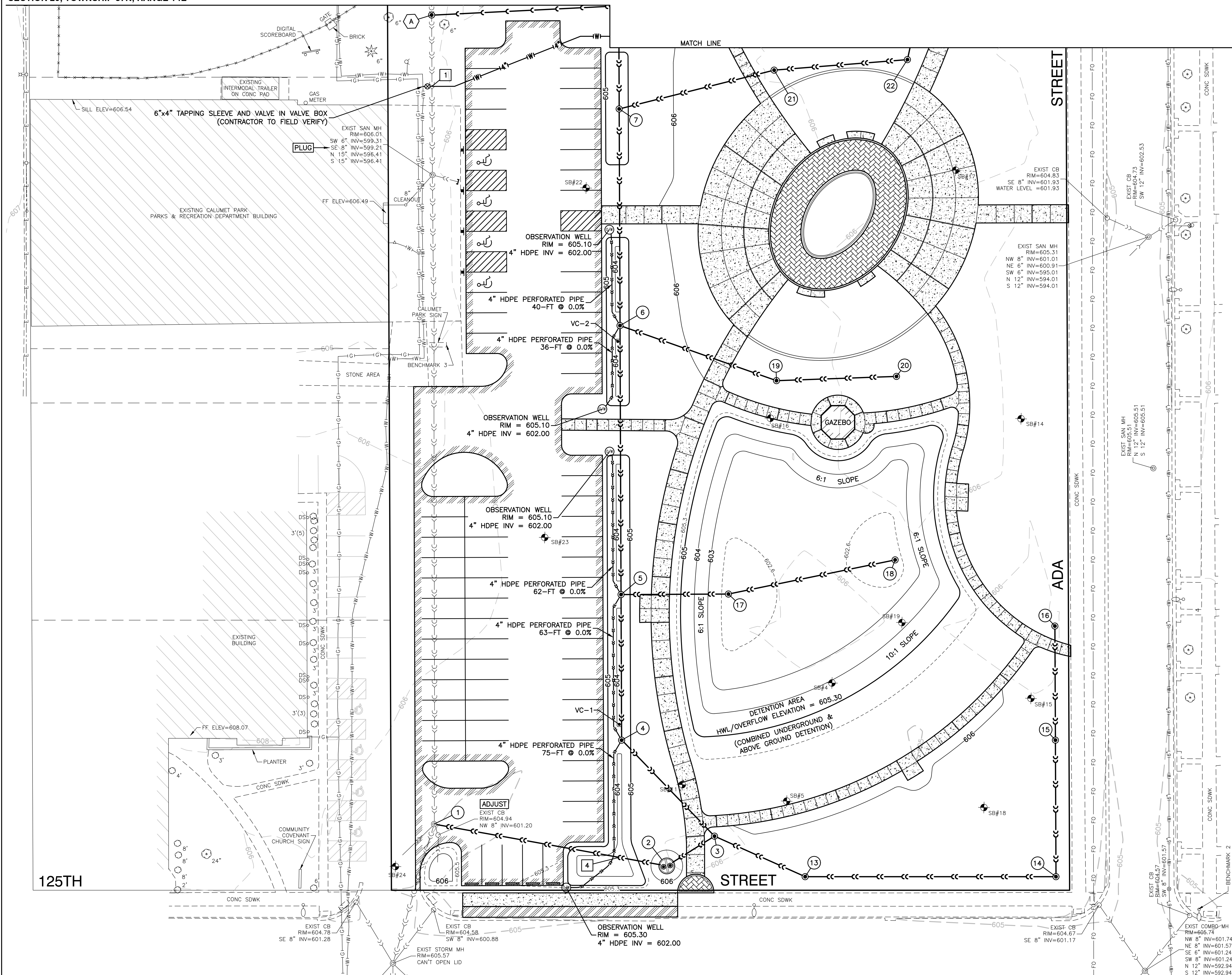
ALL MECHANICAL JOINT RESTRAINTS SHALL BE INCORPORATED IN THE DESIGN OF A FOLLOWER GLAND. THE GLAND SHALL BE MANUFACTURED OF DUCTILE IRON CONFORMING TO ASTM A 536. DIMENSIONS OF THE GLAND SHALL BE SUCH THAT IT CAN BE USED WITH THE STANDARDIZED MECHANICAL JOINT BELL AND TEE-HEAD BOLTS CONFORMING TO AWWA C111 AND C153.

THE RESTRAINT MECHANISM SHALL CONSIST OF NUMEROUS INDIVIDUALLY ACTIVATED GRIPPING SURFACES TO MAXIMIZE RESTRAINT CAPABILITY. THE GRIPPING SURFACES SHALL BE WEDGES DESIGNED TO SPREAD THE BEARING SURFACES ON THE PIPE. TWIST-OFF NUTS, SIZED SAME AS TEE-HEAD BOLTS, SHALL BE USED TO ENSURE PROPER ACTUATING OF RESTRAINING DEVICES. WHEN THE NUT IS SHEARED OFF, A STANDARD HEX NUT SHALL REMAIN. THE MECHANICAL JOINT RESTRAINT DEVICE FOR DUCTILE IRON PIPE SHALL HAVE A WORKING PRESSURE OF AT LEAST 250 PSI WITH A MINIMUM SAFETY FACTOR OF 2. GASKET MATERIAL IDENTICAL TO THAT DESCRIBED ABOVE SHALL BE UTILIZED AT ALL JOINTS AND FITTINGS.

THE MECHANICAL JOINT RESTRAINT DEVICES SHALL BE EBAA IRON, INC. MEGALUG 1100 OR 2000PV SERIES, UNI-FLANGE SERIES 1500, OR ENGINEER-APPROVED EQUAL.

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ALL BOLTS AND NUTS SHALL BE STAINLESS STEEL T-HEAD BOLTS AND NUTS SHALL BE SERIES S30400 AISI 304 MEETING ASTM A193. TO PREVENT GALLING THE ENTIRE SURFACE OF THE BOLT SHALL BE SPRAY COATED WITH BURGUNDY COLORED 1010 XYLAN AS MANUFACTURED BY WHITFORD WORLDWIDE OR APPROVED EQUAL.



**NOTE:**

CONTRACTOR SHALL REFER TO SITE DEVELOPMENT, LANDSCAPE, ELECTRICAL, AND PLUMBING SHEETS FOR ADDITIONAL SITE WORK.

DATE = 9/26/25	DESIGNED — RC	REVISION 1 — 9/26/25 50% SUBMITTAL	REVISION 5 — 4/3/26 BID PLANS
SCALE = 1"=10'	CHECKED — JH	REVISION 2 — 12/12/25 MWRD SUBMITTAL	REVISION 6 — 4/15/26 ADDENDUM 1
PROJECT NO = 24-R0618	DRAWN — ND	REVISION 3 — 2/26/26 MWRD REVIEW & QA	REVISION 7 —
FILE NAME = 24R0618-UTIL-01.dwg	CHECKED — AG	REVISION 4 — 3/26/26 MWRD REVIEW	REVISION 8 —

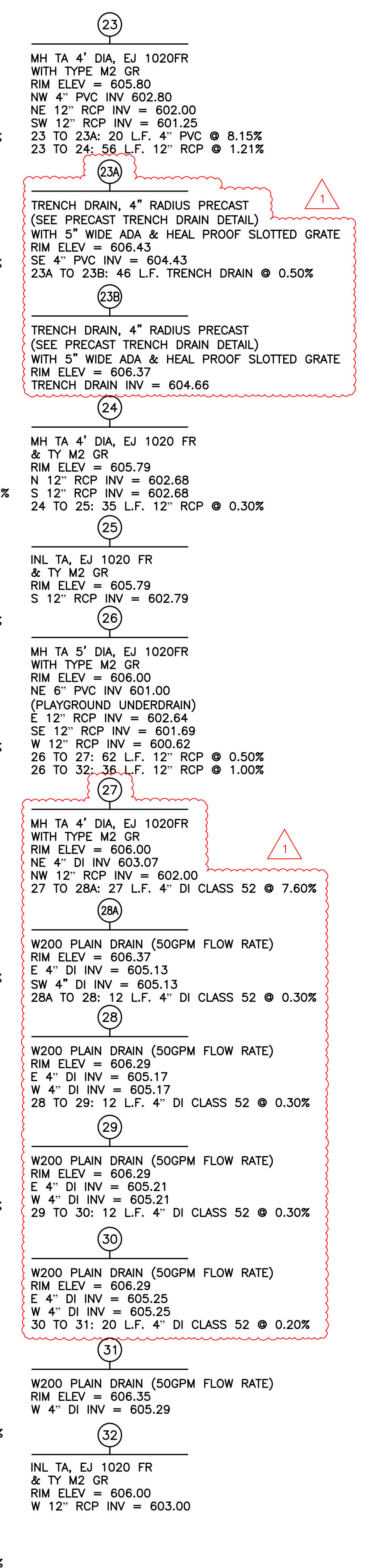
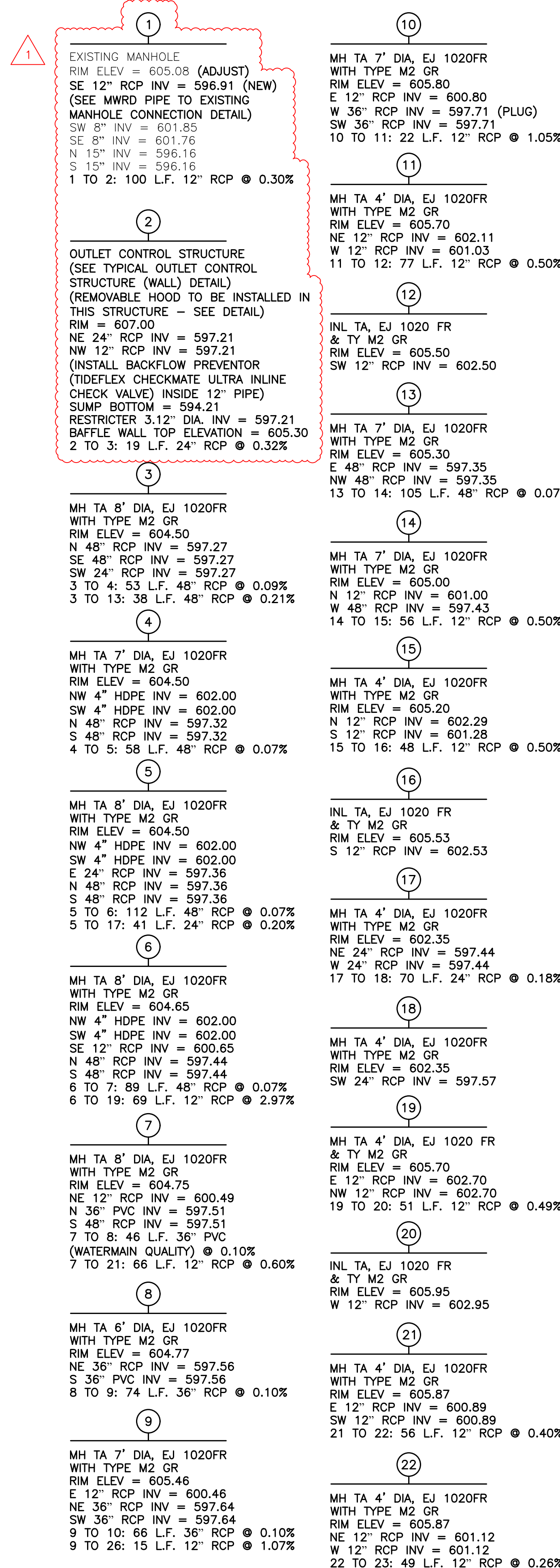


VILLAGE GREEN PARK  
PROPOSED IMPROVEMENTS  
UTILITIES

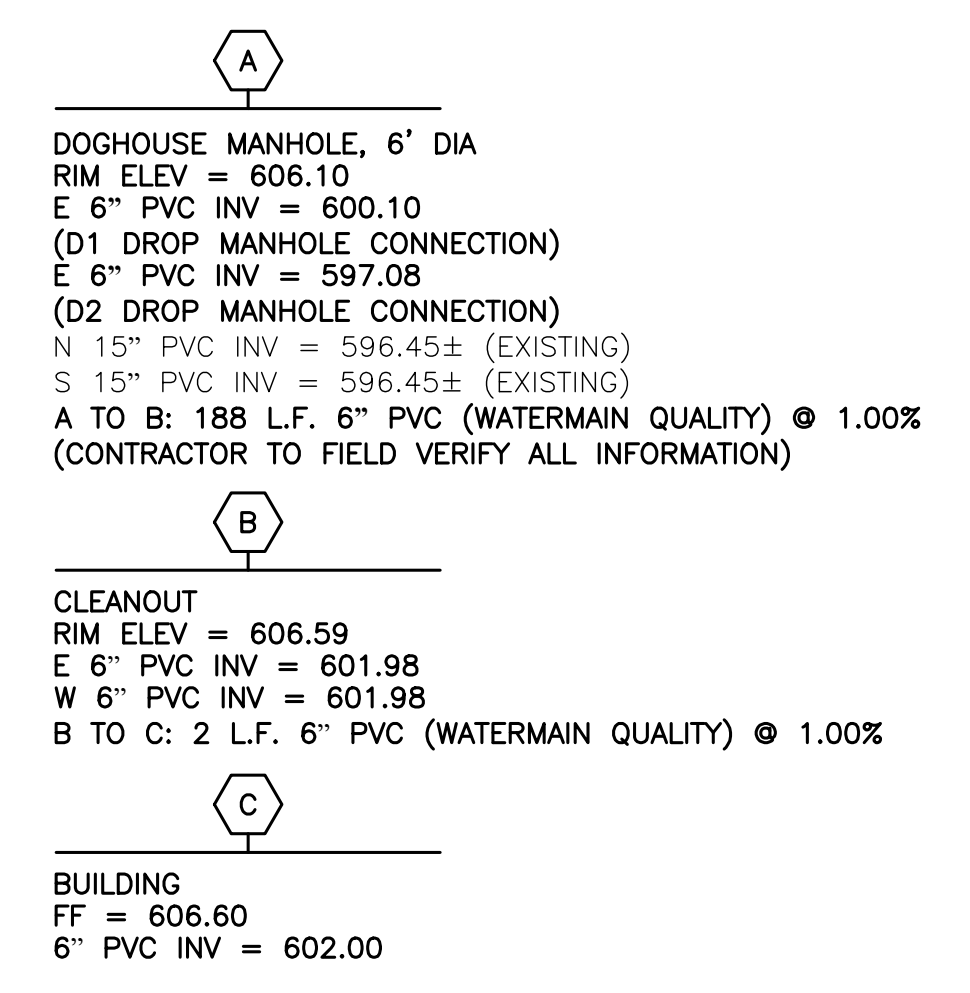
VILLAGE  
of  
CALUMET PARK

SHEET NO.  
C-11 of 26

**STORM STRUCTURES**



**SANITARY STRUCTURES**



**UTILITY CROSSINGS**

- 1** FINISHED GROUND=606.1±  
BOTTOM OF 4" WATER=600.1±  
TOP OF 15" COMBINED SEWER=597.8±
- 2** FINISHED GROUND=605.0±  
BOTTOM OF 36" STORM=597.5±  
(STORM SEWER IS PVC WATERMAIN QUALITY)  
TOP OF 4" WATER=595.5±
- 3** FINISHED GROUND=604.9±  
TOP OF 36" STORM=600.8±  
(STORM SEWER IS PVC WATERMAIN QUALITY)  
BOTTOM OF 6" SANITARY SERVICE=600.9±
- 4** FINISHED GROUND=604.0±  
12" STORM TOP=598.5±  
4" UNDERDRAIN BOTTOM=601.0±

**NOTES:**

- 1. MANHOLES TO HAVE PRECAST "RUBBER BOOTS" CONFORMING TO ASTM C-923 AT ALL PIPE CONNECTIONS.
- 2. ALL STORM SEWER PIPES SHALL HAVE WATERTIGHT GASKETS.

DATE = 9/26/25	DESIGNED -- RC	REVISION 1 -- 9/26/25 50% SUBMITTAL	REVISION 5 -- 4/3/26 BID PLANS
SCALE = NOT TO SCALE	CHECKED -- JH	REVISION 2 -- 12/12/25 MWRD SUBMITTAL	REVISION 6 -- 4/15/26 ADDENDUM 1
PROJECT NO = 24-R0618	DRAWN -- ND	REVISION 3 -- 2/26/26 MWRD REVIEW & QA	REVISION 7 --
FILE NAME = 24R0618-UTIL-01.dwg	CHECKED -- AG	REVISION 4 -- 3/26/26 MWRD REVIEW	REVISION 8 --

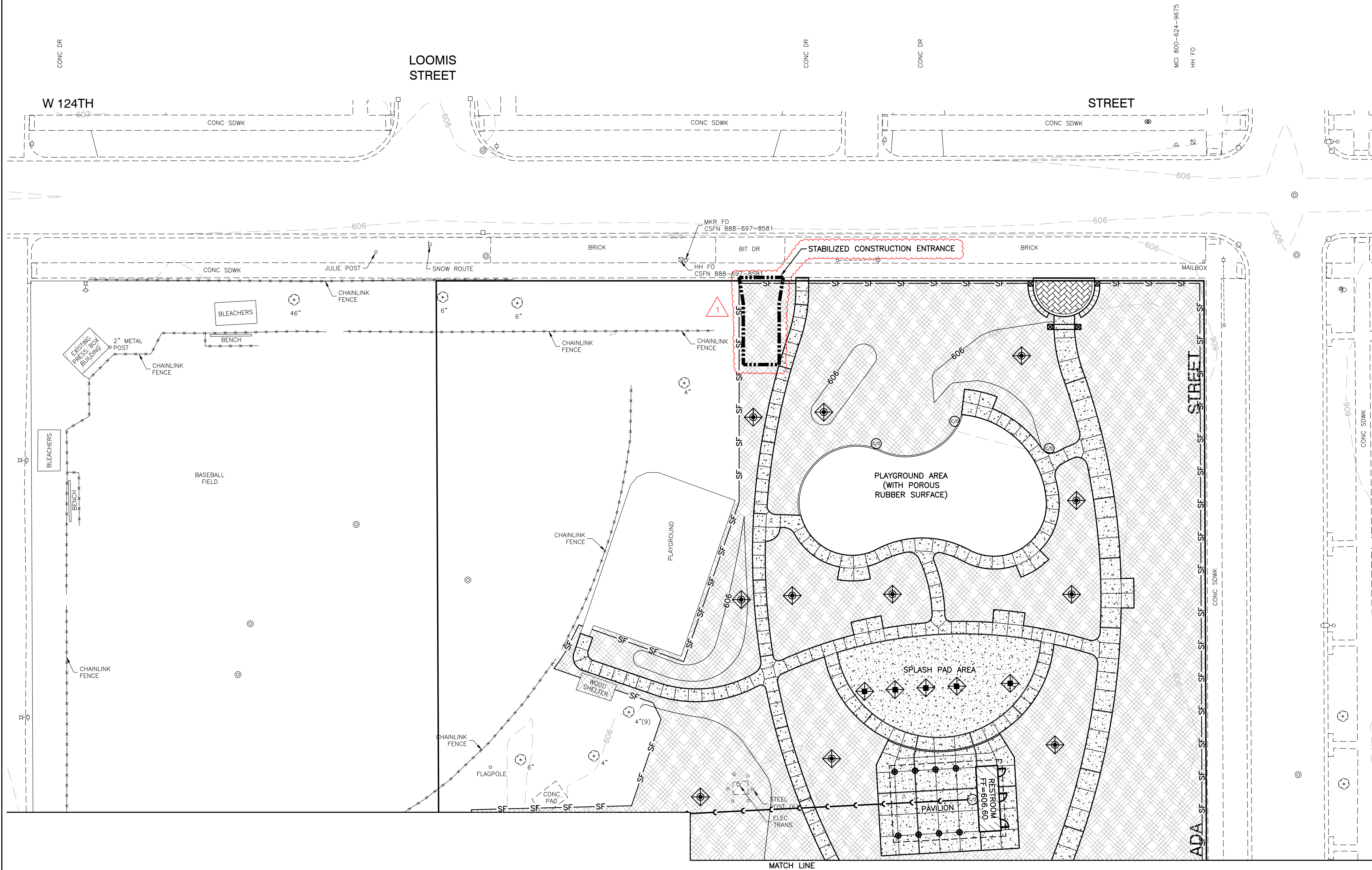
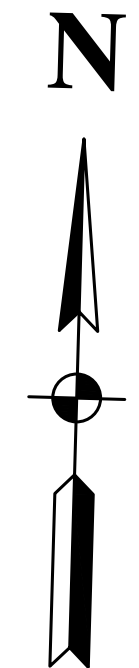


VILLAGE GREEN PARK  
PROPOSED IMPROVEMENTS  
UTILITY SCHEDULES

VILLAGE  
of  
CALUMET PARK

SHEET NO.  
C-12 of 26

LAST SAVED BY: NDEANULT ON 4/15/26  
PLOTTED BY: NATHAN DENAULT ON 4/15/26



**BENCHMARKS:**

- BENCHMARK 1  
SQUARE CUT WEST CONCRETE BASE ALP  
NE CORNER ADA ST AND 124TH ST  
ELEV=606.05
- BENCHMARK 2  
SQUARE CUT WEST CONCRETE BASE ALP  
NE CORNER ADA ST AND 125TH ST  
ELEV=605.81
- BENCHMARK 3  
SQUARE CUT EAST CONCRETE BASE FOR  
CALUMET PARK PARKS BLDG  
ELEV=606.16

**NOTES:**

1. ALL DISTURBED AREAS TO RECEIVE TURF RESTORATION.
2. A MINIMUM OF 6" OF TOPSOIL IS REQUIRED IN TURF RESTORATION AREAS. THE CONTRACTOR SHALL FURNISH AND PLACE TO MEET THE PROPOSED GRADES ON THE PLANS.
3. SEEDING SHALL BE REINDERS 80/20  
SEED MIX COMPOSITION:  
29.81% MERCURY KENTUCKY BLUEGRASS  
24.88% FIELDER KENTUCKY BLUEGRASS  
24.86% SOMBRERO KENTUCKY BLUEGRASS  
9.95% FIESTA 4 PERENNIAL RYEGRASS  
9.93% REPLICATOR PERENNIAL RYEGRASS  
  
APPLICATION & SEEDING RATES:  
NEW SEEDING: APPLY USING A ROTARY OR DROP SPREADER AT 150-200 LBS PER ACRE.
4. CONTRACTOR SHALL PROVIDE TEMPORARY CONSTRUCTION FENCE AROUND WORK AREAS. FENCING SHALL BE RELOCATED AS NECESSARY TO DELINEATE CURRENT WORK AREAS. LOCATIONS OF THE TEMPORARY CONSTRUCTION FENCING SHALL BE COORDINATED WITH AND APPROVED BY THE VILLAGE AND CONSTRUCTION MANAGER.
5. CONTRACTOR SHALL REFER TO SITE DEVELOPMENT AND LANDSCAPE SHEETS FOR POSSIBLE ADDITIONAL REQUIREMENTS.
6. REFERENCE SITE DEVELOPMENT SHEETS FOR THE PLAYGROUND, SPLASH PAD, PAVILION, RESTROOM, AND GAZEBO AREAS.
7. REFERENCE LANDSCAPE SHEETS FOR VOLUME CONTROL AREAS AND LANDSCAPE AREAS.

**SWPPP LEGEND**

- INLET FILTERS
- OVERLAND FLOW ROUTE
- PERIMETER EROSION BARRIER, SINGLE ROW
- PERIMETER EROSION BARRIER, DOUBLE ROW
- STABILIZED CONSTRUCTION ENTRANCE
- SEEDING TOPSOIL FURNISH AND PLACE, 6" (GREEN SPACE) EROSION CONTROL BLANKET
- CONCRETE WASH-OUT LOCATION

DATE = 9/26/25	DESIGNED — RC	REVISION 1 — 9/26/25 50% SUBMITTAL	REVISION 5 — 4/3/26 BID PLANS
SCALE = 1"=20'	CHECKED — JH	REVISION 2 — 12/12/25 MWRD SUBMITTAL	REVISION 6 — 4/15/26 ADDENDUM 1
PROJECT NO = 24-R0618	DRAWN — ND	REVISION 3 — 2/26/26 MWRD REVIEW & QA	REVISION 7 —
FILE NAME = 24R0618-SWPPP-01.dwg	CHECKED — AG	REVISION 4 — 3/26/26 MWRD REVIEW	REVISION 8 —

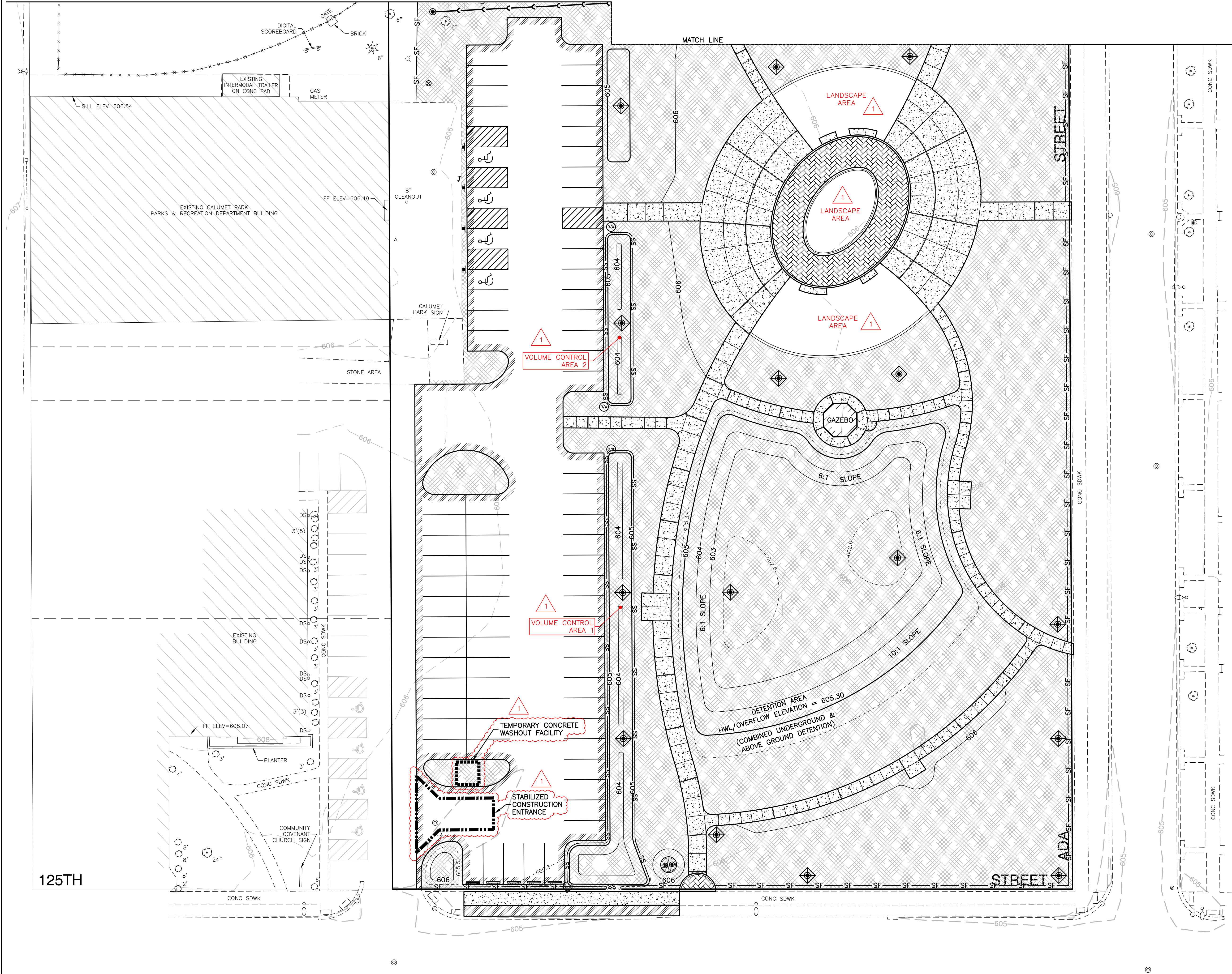
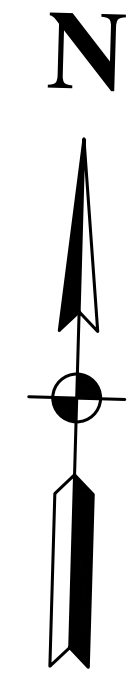


VILLAGE GREEN PARK  
PROPOSED IMPROVEMENTS  
STORM WATER POLLUTION PREVENTION PLAN

VILLAGE  
of  
CALUMET PARK

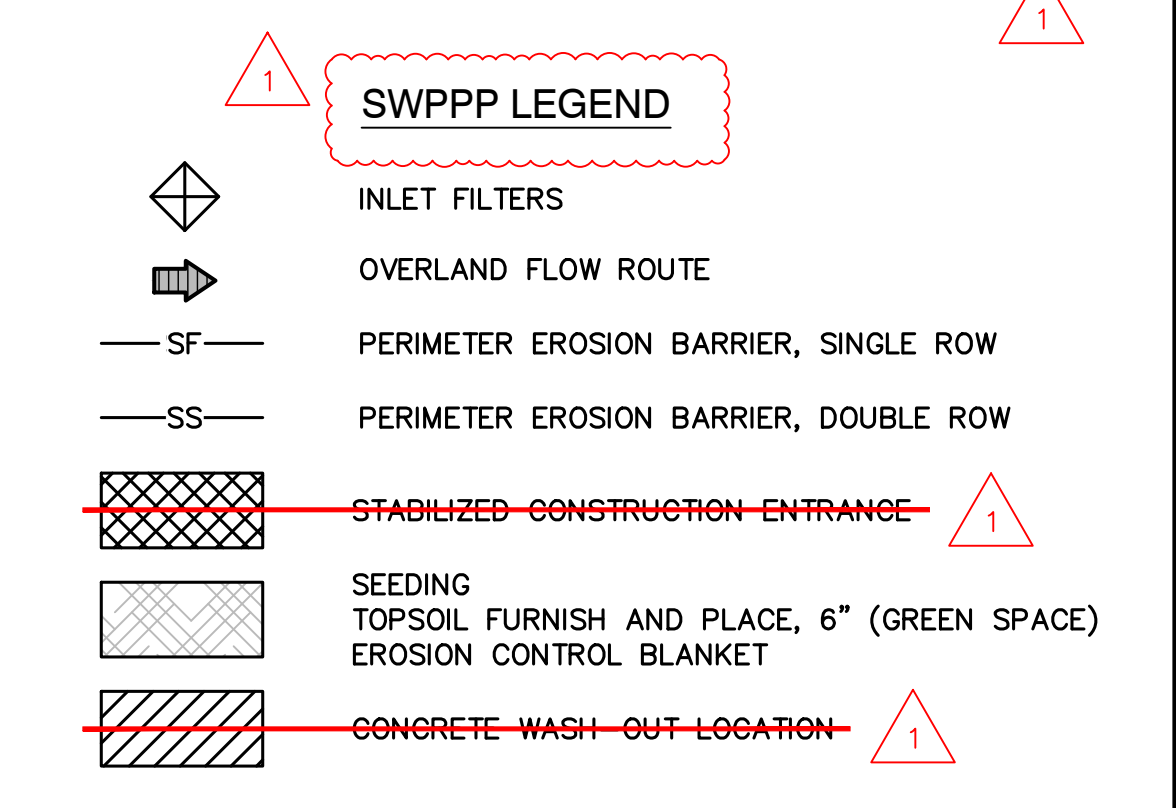
SHEET NO.  
C-13 of 26

LAST SAVED BY: NDEBAILLON ON 4/15/26  
PLOTTED BY: NATHAN DENAULT ON 4/15/26



- BENCHMARKS:**
- BENCHMARK 1  
SQUARE CUT WEST CONCRETE BASE ALP  
NE CORNER ADA ST AND 124TH ST  
ELEV=606.05
  - BENCHMARK 2  
SQUARE CUT WEST CONCRETE BASE ALP  
NE CORNER ADA ST AND 125TH ST  
ELEV=605.81
  - BENCHMARK 3  
SQUARE CUT EAST CONCRETE BASE FOR  
CALUMET PARK PARKS BLDG  
ELEV=606.16

- NOTES:**
1. ALL DISTURBED AREAS TO RECEIVE TURF RESTORATION.
  2. A MINIMUM OF 6" OF TOPSOIL IS REQUIRED IN TURF RESTORATION AREAS. THE CONTRACTOR SHALL FURNISH AND PLACE TO MEET THE PROPOSED GRADES ON THE PLANS.
  3. SEEDING SHALL BE REINDERS 80/20  
SEED MIX COMPOSITION:  
29.81% MERCURY KENTUCKY BLUEGRASS  
24.88% FIELDER KENTUCKY BLUEGRASS  
24.86% SOMBRERO KENTUCKY BLUEGRASS  
9.95% FIESTA 4 PERENNIAL RYEGRASS  
9.93% REPLICATOR PERENNIAL RYEGRASS  
  
APPLICATION & SEEDING RATES:  
NEW SEEDING: APPLY USING A ROTARY OR DROP SPREADER AT 150-200 LBS PER ACRE.
  4. CONTRACTOR SHALL PROVIDE TEMPORARY CONSTRUCTION FENCE AROUND WORK AREAS. FENCING SHALL BE RELOCATED AS NECESSARY TO DELINEATE CURRENT WORK AREAS. LOCATIONS OF THE TEMPORARY CONSTRUCTION FENCING SHALL BE COORDINATED WITH AND APPROVED BY THE VILLAGE AND CONSTRUCTION MANAGER.
  5. CONTRACTOR SHALL REFER TO SITE DEVELOPMENT AND LANDSCAPE SHEETS FOR POSSIBLE ADDITIONAL REQUIREMENTS.
  6. REFERENCE SITE DEVELOPMENT SHEETS FOR THE PLAYGROUND, SPLASH PAD, PAVILION, RESTROOM, AND GAZEBO AREAS.
  7. REFERENCE LANDSCAPE SHEETS FOR VOLUME CONTROL AREAS AND LANDSCAPE AREAS.



125TH

STREET

DATE = 9/26/25	DESIGNED -- RC	REVISION 1 -- 9/26/25 50% SUBMITTAL	REVISION 5 -- 4/3/26 BID PLANS
SCALE = 1"=20'	CHECKED -- JH	REVISION 2 -- 12/12/25 MWRD SUBMITTAL	REVISION 6 -- 4/15/26 ADDENDUM 1
PROJECT NO = 24-R0618	DRAWN -- ND	REVISION 3 -- 2/26/26 MWRD REVIEW & QA	REVISION 7 --
FILE NAME = 24R0618-SWPPP-01.dwg	CHECKED -- AG	REVISION 4 -- 3/26/26 MWRD REVIEW	REVISION 8 --



VILLAGE GREEN PARK  
PROPOSED IMPROVEMENTS  
STORM WATER POLLUTION PREVENTION PLAN

VILLAGE  
of  
CALUMET PARK

SHEET NO.  
C-14 of 26

**STORM WATER POLLUTION PREVENTION  
EROSION CONTROLS AND SEDIMENT CONTROLS**

**DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION (WHERE APPLICABLE):**

- 1) THE AREA BETWEEN THE EXISTING AND PROPOSED RIGHT-OF-WAY/TEMPORARY EASEMENT BOUNDARIES AND LIMITS OF THE PROJECT WILL BE IMPROVED AND MANAGED FOR THE PURPOSES OF CONTROLLING EROSION WITHIN THE AREA. REDUCING WATER FLOW BY TEMPORARY DIVERSION AND MINIMIZING SILTATION INTO THE CONSTRUCTION ZONE, AND ESTABLISHING VEGETATIVE COVER WHICH WILL BECOME PERMANENT VEGETATION AND ACT AS AN EROSION BARRIER. WORK AT THE BEGINNING OF CONSTRUCTION WILL CONSIST OF THE FOLLOWING:
  - A) AREAS OF EXISTING VEGETATION (WOODS AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION SLOPE LIMITS SHALL BE IDENTIFIED FOR PRESERVING AND SHALL BE PROTECTED FROM MOWING, BRUSH CUTTING, TREE REMOVAL AND OTHER ACTIVITIES WHICH WOULD BE DETRIMENTAL TO THEIR MAINTENANCE AND DEVELOPMENT.
  - B) DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER, ALONG WITH REQUIRED TREE REMOVAL.
  - C) AS SOON AS REASONABLE ACCESS IS AVAILABLE (SUCH AS TREES CLEARED) TO ALL LOCATIONS WHERE DITCH CHECKS AND/OR EROSION CONTROL FENCE SHALL BE INSTALLED AS CALLED OUT IN THE PLAN AND DIRECTED BY THE ENGINEER.
  - D) BARE AND SPARSELY VEGETATED GROUND IN HIGHLY ERODABLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE IMMEDIATELY EXPECTED AS STATED IN THE SPECIAL PROVISION "TEMPORARY EROSION CONTROL SEEDING."
  - E) IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED IN CERTAIN AREAS WHICH ARE HIGHLY ERODABLE AREAS AS DETERMINED BY THE ENGINEER, THE AREAS SHALL BE TEMPORARILY SEEDED WHERE NO CONSTRUCTION ACTIVITIES ARE IMMEDIATELY EXPECTED AS STATED IN THE SPECIAL PROVISION "TEMPORARY EROSION CONTROL SEEDING."
  - F) AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINING INTO THE CONSTRUCTION ZONE, RIP RAP DITCH CHECKS WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THE RIGHT-OF-WAY LINE. EROSION CONTROL ITEMS WILL NOT BE ALLOWED TO BE INSTALLED TO CAUSE FLOODING TO UPSTREAM PRIVATE PROPERTY WHICH COULD CAUSE CROP DAMAGES OR OTHER UNDESIRABLE CONDITIONS.
  - G) AT LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, SEDIMENT BASINS, RIP RAP DITCH CHECKS, TEMPORARY EROSION CONTROL FENCE, OR TEMPORARY DITCH CHECKS SHALL BE USED.
- 2) ESTABLISHMENT OF THESE TEMPORARY EROSION CONTROL MEASURES WILL HAVE ADDITIONAL BENEFITS TO THE PROJECT. DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVERSEEDING CAN BE COMPLETE.
- 3) A THIRD PARTY BENEFIT OF THESE FILTER AREAS IS THAT THEY WILL BEGIN TO PROVIDE A SCREEN AND BUFFER. THEY WILL HELP PROTECT THE CONSTRUCTION SITE FROM WINDS AND EXCESS SUN AND MITIGATE CONSTRUCTION NOISE AND DUST.

**DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION (WHERE APPLICABLE):**

- 1) DURING ROADWAY CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION SLOPE LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED FROM DAMAGING EFFECTS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESIGNATED ON THE PLANS OR DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.
  - A) WITHIN THE CONSTRUCTION ZONE, CRITICAL AREAS WHICH HAVE HIGH FLOWS OF WATER AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
  - B) TOP SOIL AND EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
  - C) AS THE CONTRACTOR CONSTRUCTS A PORTION OF THE ROADWAY IN A FILL SECTION, HE/SHE SHALL FOLLOW THE FOLLOWING STEPS AS DIRECTED BY THE ENGINEER:
    - I. PLACE TEMPORARY EROSION CONTROL SYSTEMS AT LOCATIONS WHERE WATER LEAVES AND ENTERS THE CONSTRUCTION ZONE.
    - II. TEMPORARY SEED HIGHLY ERODABLE AREAS OUTSIDE THE CONSTRUCTION ZONE SLOPE LIMITS.
    - III. CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
    - IV. TEMPORARY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS.
    - V. BUILD NECESSARY EMBANKMENT AT CULVERT LOCATIONS AND THEN EXCAVATE AND PLACE CULVERT.
    - VI. CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE AT THE SAME TIME PLACING PERMANENT EROSION CONTROL SUCH AS RIP RAP DITCH LINING AND CONDUCT FINAL SHAPING TO THE SLOPES.
  - D) THE CONTRACTOR SHALL IMMEDIATELY FOLLOW MAJOR EARTH MOVING OPERATIONS WITH FINAL GRADING EQUIPMENT. AFTER MAJOR EARTH SPREAD OPERATION HAS MOVED TO A NEW LOCATION, FINAL GRADING SHALL BE COMPLETED

WITHIN FOURTEEN DAYS. IF GRADING IS NOT COMPLETED WITHIN FOURTEEN DAYS, ALL MAJOR EARTH MOVING OPERATIONS WILL BE STOPPED, AS DIRECTED BY THE ENGINEER, UNTIL DISTURBED AREAS ARE FINAL GRADED AND SEEDED.

- E) EXCAVATED AREAS AND EMBANKMENTS SHALL BE PERMANENTLY SEEDED WHEN FINAL GRADED. IF NOT, THEY SHALL BE TEMPORARILY SEEDED AS STATED IN THE SPECIAL PROVISION "TEMPORARY EROSION CONTROL SEEDING."
- F) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUN-OFF IN COMPLIANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
- G) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING ACTIVITIES AND WEEKLY OR AFTER LARGE RAINS DURING THE WINTER SHUTDOWN PERIOD. THIS PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BIWEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER CONTROL WORK IS NECESSARY.
- H) SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF MAINTENANCE WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- I) THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COSTS OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE TEMPORARY EROSION CONTROL SYSTEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**DOCUMENTATION**

- 1) A REPORT SUMMARIZING THE SCOPE OF INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, DATES OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORM WATER POLLUTION PREVENTION PLAN, AND ACTION TAKEN IN ACCORDANCE WITH SECTION 4. B. SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE YEARS AFTER THE DATE OF INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI. G. OF THE GENERAL PERMIT.
- 2) IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL COMPLETE AND FILE AN "INCIDENT OF NONCOMPLIANCE (ION)" REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G. OF THE GENERAL PERMIT. THE REPORT OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF WATER POLLUTION CONTROL  
COMPLIANCE ASSURANCE SECTION #19  
POST OFFICE BOX 19276  
SPRINGFIELD, IL 62794-9276

**DESCRIPTION OF INTENDED SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB EARTH AND LEAD TO POSSIBLE EROSION FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:**

- 1) EXCAVATION AND FURNISHED EXCAVATION WILL BE COMPLETED AT LOCATION AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER.
- 2) DRAINAGE STRUCTURES WILL BE INSTALLED BEFORE AND/OR DURING THE CONSTRUCTION OF THE EXCAVATION AND FURNISHED EXCAVATION TO ALLOW PROPER DRAINAGE IN AREA OF THE PROPOSED ROADWAY FACILITY.
- 3) PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEANUP OF TEMPORARY EROSION CONTROL, SUCH AS EROSION CONTROL FENCE, HAY OR STRAW BALE DITCH CHECKS, RIP RAP DITCH CHECKS, TEMPORARY SEEDING AND MULCHING.
- 4) PLACEMENT OF PERMANENT EROSION CONTROL, SUCH AS RIP RAP DITCH LINING, FILTER FABRIC FOR USE WITH RIP RAP, SEEDING AND MULCHING.
- 5) FINAL GRADING, AND OTHER MISCELLANEOUS ITEMS. USE WITH RIP RAP, SEEDING AND MULCHING.

**AREA OF DISTURBED GROUND**

THE TOTAL AREA DISTURBED BY CONSTRUCTION ACTIVITIES IS APPROXIMATELY 3.49 ACRES.

THE FOLLOWING PLAN WAS ESTABLISHED AND INCLUDED IN THESE PLANS TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES. THE CONTRACTOR SHALL ABIDE TO ALL REQUIREMENTS WITHIN THIS PLAN AS PART OF THE CONTRACT.

ALL DISTURBED AREAS HAVING HIGH POTENTIAL FOR EROSION, AS DETERMINED BY THE ENGINEER, SHALL BE PERMANENTLY SEEDED AS SOON AS POSSIBLE.

**DESCRIPTION OF STABILIZATION PRACTICES AFTER FINAL GRADING (WHERE APPLICABLE):**

- 1) TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION

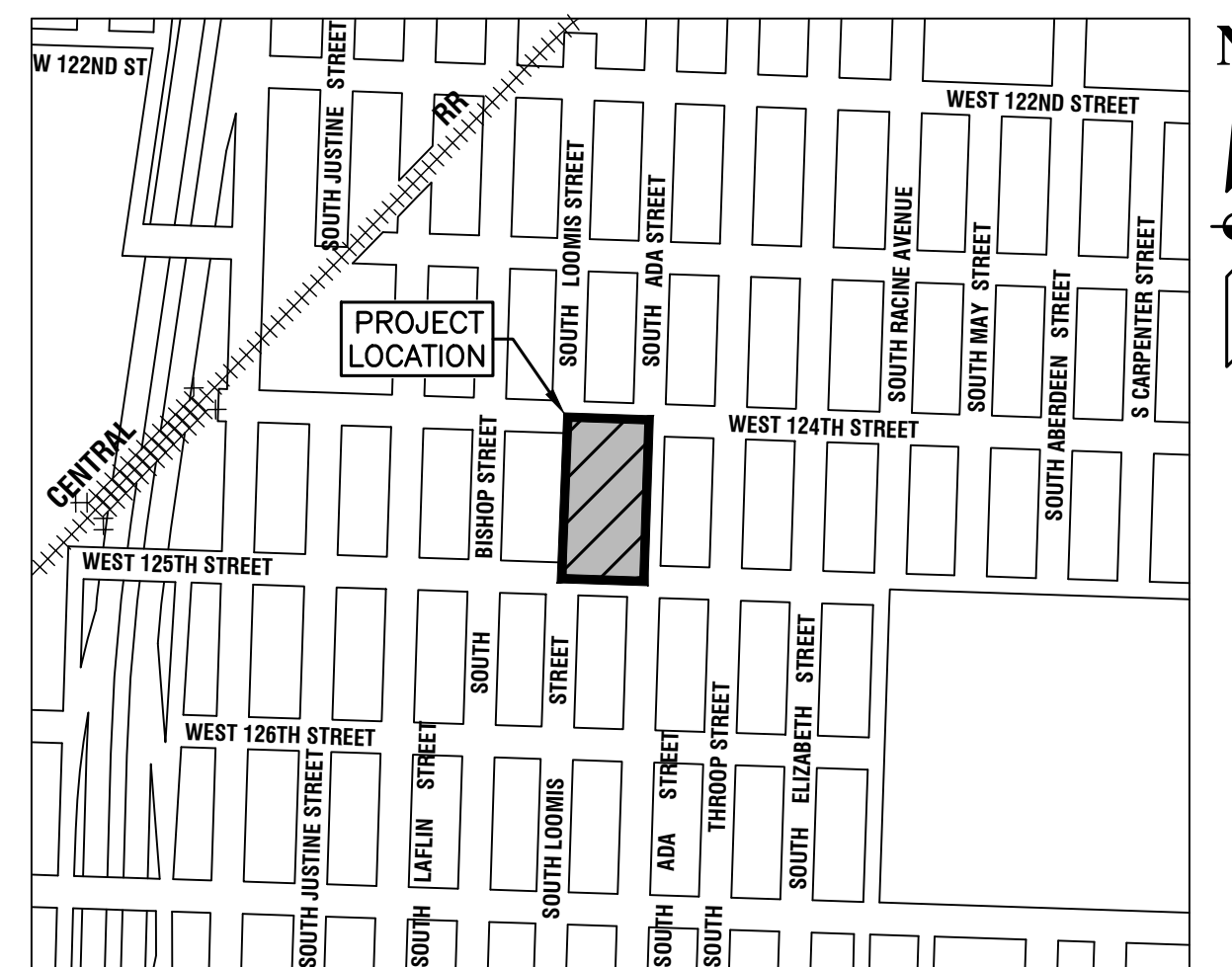
CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED WITH A PROPER STAND.

ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEEDED. TEMPORARY RIP RAP DITCH CHECKS WILL BE ALLOWED TO REMAIN IN PLACE WHERE APPROVED BY THE ENGINEER.

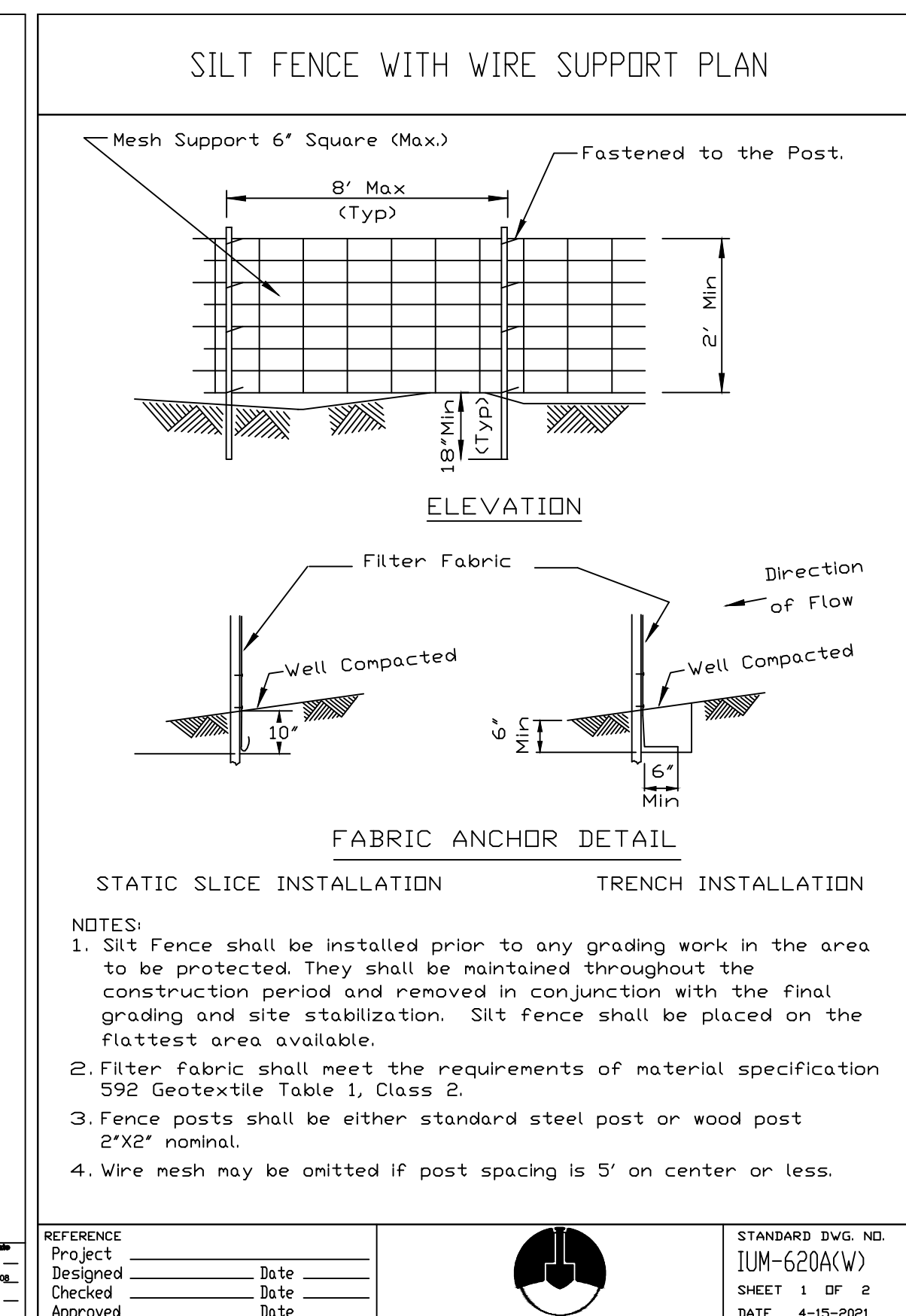
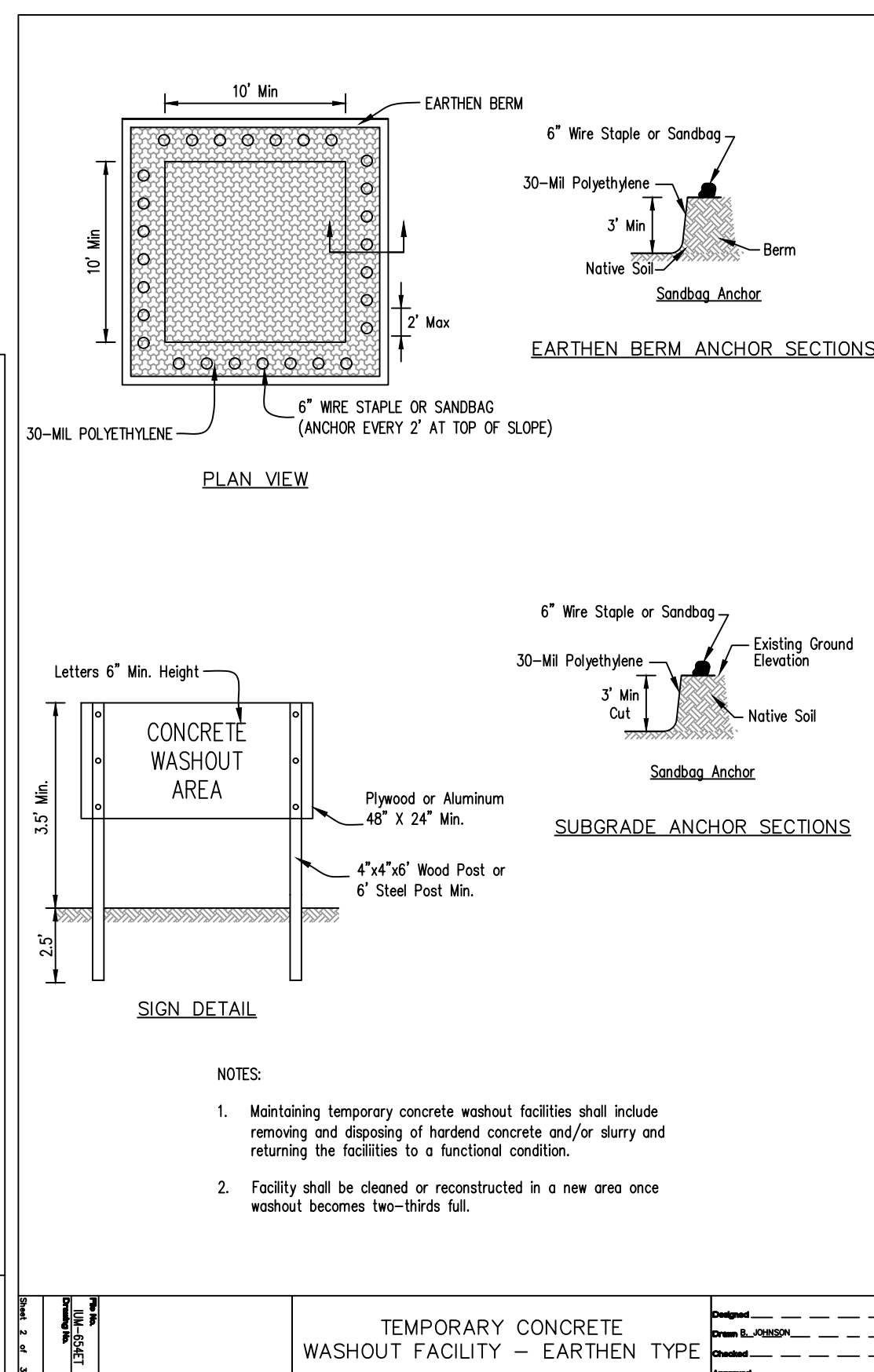
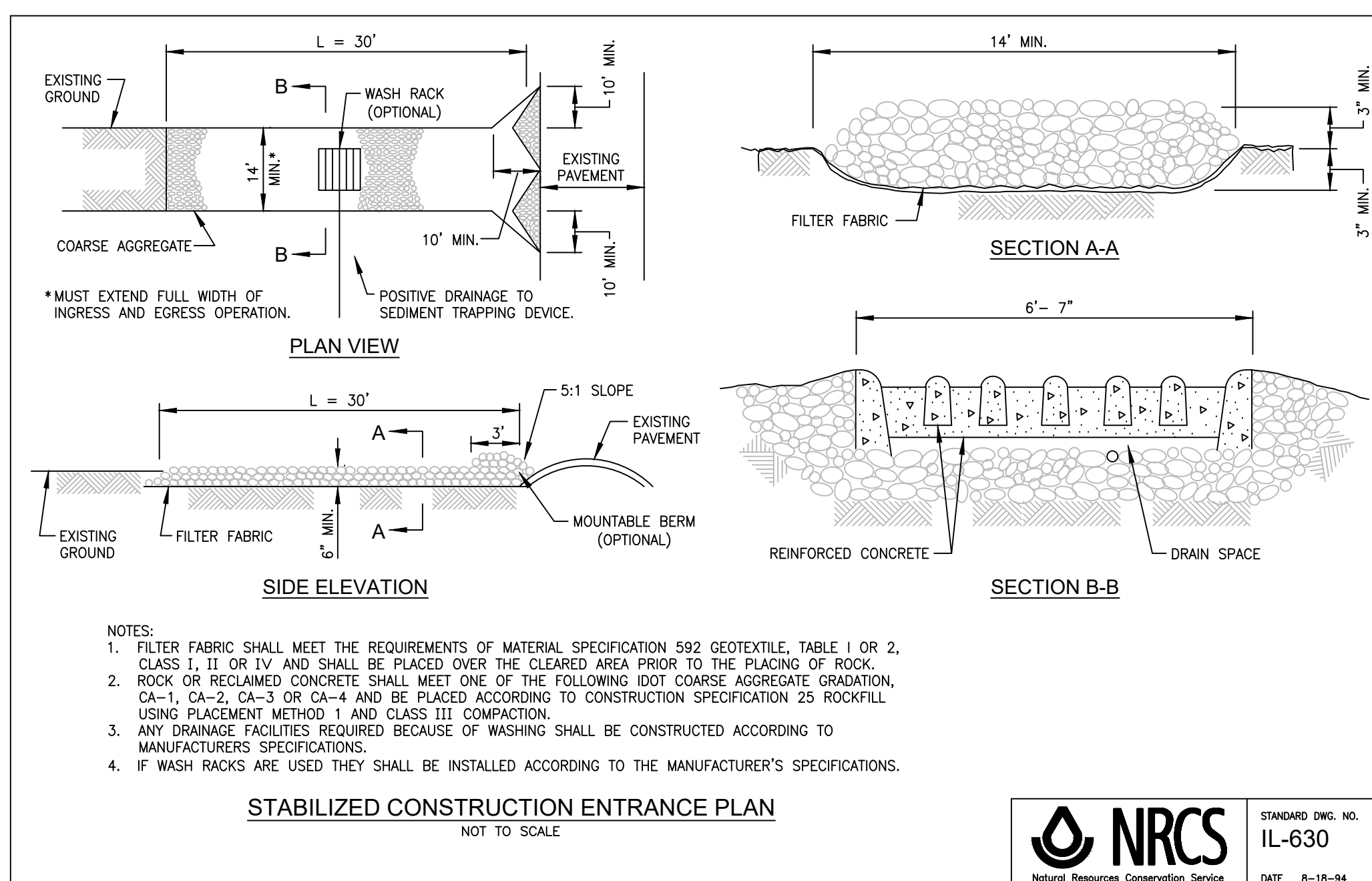
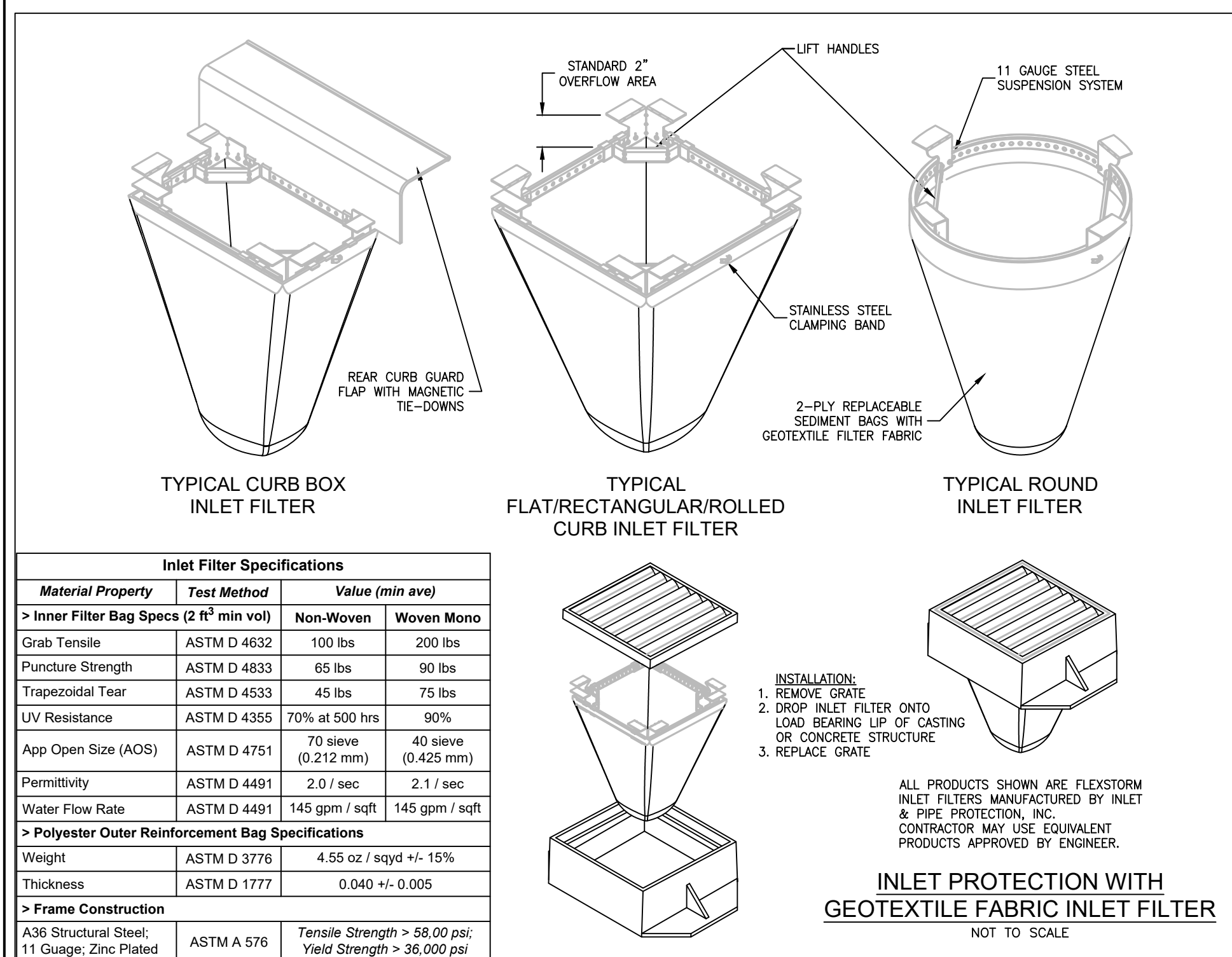
**MAINTENANCE AFTER CONSTRUCTION (WHERE APPLICABLE):**

- 1) CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE IS RECEIVED AT THE FINAL INSPECTION.
- 2) AREAS WILL BE INSPECTED ON A REGULAR BASIS BY THE CONTRACTOR
- 3) MAINTENANCE CREWS WILL PERFORM REGULAR MOWING TO AID IN KEEPING WEEDS DOWN AND ESTABLISHING A GOOD ROADSIDE SEED STAND.
- 4) MAINTENANCE CREWS WILL ALSO AID IN ANY DITCH LINING MAINTENANCE OR IN ANY DRAINAGE PROBLEMS.
- 5) ALL MAINTENANCE WILL BE CONDUCTED AT TIMES WHEN WEATHER CONDITIONS WILL NOT CAUSE SITE DAMAGE
- 6) CONTRACTOR SHALL COMPLY WITH ALL TERMS AND CONDITIONS OF IEPA NPDES PERMIT ILR 10. RESTORATION SHALL OCCUR WITHIN 7 DAYS OF DISTURBANCE.
- 7) CONTRACTOR SHALL SUBMIT INSPECTION REPORTS TO THE VILLAGE AT LEAST ONCE PER SEVEN DAYS AND AFTER RAINFALL EVENTS OF A HALF INCH (OR EQUIVALENT SNOW FALL).
- 8) CONSTRUCTION SHALL NOT COMMENCE UNTIL THE NOI IS SUBMITTED AND THE IEPA ISSUES AN EFFECTIVE DATE. THE CONSTRUCTION SCHEDULE SHOULD BE COGNIZANT OF THE IEPA REVIEW SCHEDULE (APPROXIMATELY 30 DAYS).
- 10) THE CONTRACTOR IS RESPONSIBLE FOR HAVING THE SWPPP ON SITE AT ALL TIMES.
- 11) A NOTICE OF TERMINATION SHALL BE COMPLETED BY THE OWNER WHEN ALL PERMANENT EROSION CONTROL MEASURES ARE IN PLACE WITH A 70% ESTABLISHMENT RATE OF VEGETATION. THE NOT SHALL BE SENT TO THE IEPA AND THE VILLAGE.
- 12) TECHNIQUES SHALL BE EMPLOYED BY THE CONTRACTOR TO PREVENT THE BLOWING OF DUST OR SEDIMENT FROM THE SITE.
- 13) DAILY REMOVAL OF SEDIMENT AND DEBRIS FROM ALL ROADS SHALL BE REQUIRED OF THE CONTRACTOR.

SOIL STABILIZATION CHART												
Stabilization Type	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
Permanent Seeding									Sept 15			
Dormant Seeding												
Temporary Seeding												
Sod												
Mulching												
Erosion Control Blanket												
Permanent Seeding	IDOT CLASS 1A Mix											
	IDOT CLASS 4A Mix	90 lbs/acre										
	IDOT CLASS 4B Mix	76.5 lbs/acre										
		16.0 lbs/acre										
Dormant Seeding	Perennial Ryegrass	50.0 lbs/acre										
	Oats	90.0 lbs/acre										
	Cereal Rye	90.0 lbs/acre										
	Wheat	90.0 lbs/acre										
	Straw Mulch	2 ton/acre										
Temporary Seeding	Perennial Ryegrass	25.0 lbs/acre										
	Oats	90.0 lbs/acre										
	Cereal Rye	90.0 lbs/acre										
	Wheat	90.0 lbs/acre										
Mulch	Straw Mulch	2 ton/acre										
Erosion Control Blanket	North American Green S-75 (Or Approved Equal)											



**LOCATION MAP**





**DAYTIME USE**  
Orange cones for posted speed < 45 mph and any posted speed.

**CONES**  
DAY OR NIGHTTIME USE: Orange cones for any posted speed.

**TUBULAR MARKER**

**VERTICAL PANEL POST MOUNTED**

**DRUM**

**TYPE I BARRICADE**

**TYPE II BARRICADE**

**TYPE III BARRICADE**

**DIRECTION INDICATOR BARRICADE**

**VERTICAL BARRICADE**

**DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE**

**GENERAL NOTES**  
All heights shown shall be measured above the pavement surface. All dimensions are in inches (millimeters) unless otherwise shown.

**TRAFFIC CONTROL DEVICES**  
STANDARD 701901-11 (Sheet 1 of 3)

DATE	REVISIONS
1-1-26	Updated Detectable Pedestrian Channelizing Barricade (sht. 1) & Temporary Rumble Strips details (sht. 3)
1-1-25	Updated Temporary Rumble Strip Detail (sht. 3)

**POST MOUNTED SIGNS**  
When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.

**SIGNS ON TEMPORARY SUPPORTS**  
When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.

**HIGH LEVEL WARNING DEVICE**

**MAX WIDTH XX' - XX' X MILES AHEAD**  
W12-1103-4848  
WIDTH RESTRICTION SIGN  
XX-XX' width and X miles are variable.

**STOP**  
8 (200) Federal series C

**SLOW**  
7 (180) Federal series B

**FLAGGER TRAFFIC CONTROL SIGN**

**TRAFFIC CONTROL DEVICES**  
STANDARD 701901-11 (Sheet 2 of 3)

**ROAD CONSTRUCTION NEXT X MILES**  
G20-1104(0)-6036

**END CONSTRUCTION**  
G20-1105(0)-6024

This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

**WORK LIMIT SIGNING**

**WORK ZONE** W21-105(0)-3618

**SPEED LIMIT XX** R2-1-3648

**PHOTO ENFORCED** R10-1108p-3618 \*\*\*\*

**XXXX FINE MINIMUM** R2-1106p-3618

Sign assembly as shown on Standards or as allowed by District Operations.

**END WORK ZONE SPEED LIMIT** G20-1103-6036

This sign shall be used when the above sign assembly is used.

**HIGHWAY CONSTRUCTION SPEED ZONE SIGNS**

\*\*\*\* R10-1108p shall only be used along roadways under the jurisdiction of the State.

**TYPE A ROOF MOUNTED**

**TYPE B ROOF OR TRAILER MOUNTED**

**TYPE C TRAILER MOUNTED**

**ARROW BOARDS**

**MULTI-LANE HIGHWAYS**

**TWO-LANE HIGHWAYS**

**TYPICAL INSTALLATION**

**TEMPORARY RUMBLE STRIPS**

**ROAD CLOSED TO ALL TRAFFIC**  
ReflectORIZED striping may be omitted on the back side of the barricades.

**ROAD CLOSED TO THRU TRAFFIC**  
ReflectORIZED striping shall appear on both sides of the barricades.

**TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD**  
If a Type III barricade with an attached sign panel which meets NCHRP 350 or MASH is not available, the sign may be mounted on an NCHRP 350 or MASH temporary sign support directly in front of the barricade.

**TRAFFIC CONTROL DEVICES**  
STANDARD 701901-11 (Sheet 3 of 3)

DATE = 9/26/25	DESIGNED -- RC	REVISION 1 -- 9/26/25 50% SUBMITTAL	REVISION 5 -- 4/3/26 BID PLANS
SCALE = NOT TO SCALE	CHECKED -- JH	REVISION 2 -- 12/12/25 MWRD SUBMITTAL	REVISION 6 -- 4/15/26 ADDENDUM 1
PROJECT NO = 24-R0618	DRAWN -- ND	REVISION 3 -- 2/26/26 MWRD REVIEW & QA	REVISION 7 --
FILE NAME = 24R0618-DTLS-01.dwg	CHECKED -- AG	REVISION 4 -- 3/26/26 MWRD REVIEW	REVISION 8 --



VILLAGE GREEN PARK  
PROPOSED IMPROVEMENTS  
CONSTRUCTION DETAILS

VILLAGE  
of  
CALUMET PARK

SHEET NO.  
C-24 of 26