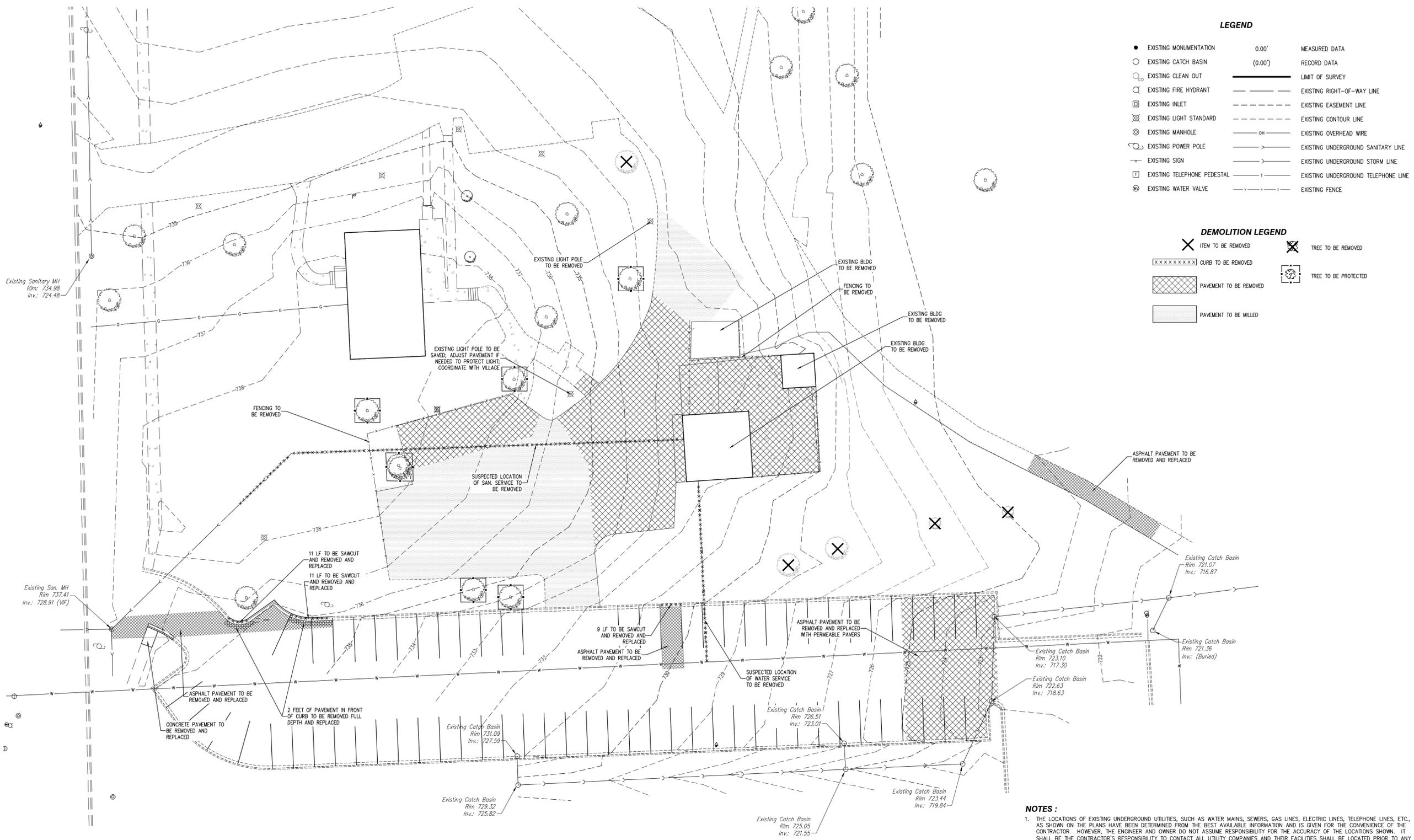
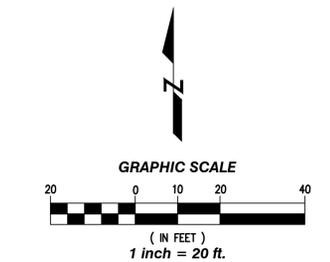


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**Consulting Civil Engineering
Land Planning & Surveying**
633 Rogers Street, Suite 111
Downers Grove, Illinois 60515
phone: 630-381-0819
Design Firm Number:
184003041-0012



LEGEND

●	EXISTING MONUMENTATION	0.00'	MEASURED DATA
○	EXISTING CATCH BASIN	(0.00')	RECORD DATA
○	EXISTING CLEAN OUT	—	LIMIT OF SURVEY
○	EXISTING FIRE HYDRANT	—	EXISTING RIGHT-OF-WAY LINE
□	EXISTING INLET	—	EXISTING EASEMENT LINE
⊗	EXISTING LIGHT STANDARD	—	EXISTING CONTOUR LINE
⊙	EXISTING MANHOLE	—	EXISTING OVERHEAD WIRE
⊕	EXISTING POWER POLE	—	EXISTING UNDERGROUND SANITARY LINE
—	EXISTING SIGN	—	EXISTING UNDERGROUND STORM LINE
⊞	EXISTING TELEPHONE PEDESTAL	—	EXISTING UNDERGROUND TELEPHONE LINE
⊗	EXISTING WATER VALVE	—	EXISTING FENCE

DEMOLITION LEGEND

✕	ITEM TO BE REMOVED	✕	TREE TO BE REMOVED
⊗	CURB TO BE REMOVED	⊗	TREE TO BE PROTECTED
⊗	PAVEMENT TO BE REMOVED		
⊗	PAVEMENT TO BE MILLED		

NOTES :

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES, SUCH AS WATER MAINS, SEWERS, GAS LINES, ELECTRIC LINES, TELEPHONE LINES, ETC., AS SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. HOWEVER, THE ENGINEER AND OWNER DO NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES AND THEIR FACILITIES SHALL BE LOCATED PRIOR TO ANY WORK.
2. EXISTING GRADES AND IMPROVEMENTS ARE SHOWN FROM THE BEST INFORMATION AVAILABLE AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCY WITH THE PLAN SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER.
3. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL EXPOSE ANY UTILITIES OR OTHER OBSTRUCTIONS TO BE CROSSED BY THE PROPOSED UTILITIES, AND SHALL NOTIFY THE ENGINEER IMMEDIATELY IF THERE ARE ANY CONFLICTS WITH THE PROPOSED GRADES.
4. ALL RIM ELEVATIONS OF STORM STRUCTURES LOCATED IN CURB & GUTTER ARE TO FLOW LINE UNLESS NOTED.
5. CONTRACTOR TO PROVIDE NECESSARY PROTECTION TO ALL EXISTING UTILITIES TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
6. CONTRACTOR TO VERIFY IF ANY ON-SITE UTILITIES SERVICE OFF-SITE LOTS PRIOR TO CONSTRUCTION. IF NECESSARY, CONTRACTOR TO RELOCATE ALL ON-SITE EXISTING UTILITIES WHICH SERVICE OFF SITE LOTS WITH MINIMAL SERVICE INTERRUPTIONS TO OFF-SITE LOTS
7. ANY FIELD TILES ENCOUNTERED DURING CONSTRUCTION SHALL BE REROUTED TO THE PROPOSED STORM SEWER SYSTEM OR ABANDONED AS REQUIRED. IF NECESSARY, FIELD TILES SHALL BE REROUTED AROUND THE SITE DURING CONSTRUCTION SO THAT SERVICE OF THE TILE IS NOT INTERRUPTED.
8. SITE PERIMETER TO HAVE MINIMUM 6 FT. HIGH CHAIN LINK CONSTRUCTION FENCE WITH LOCKING GATE.
9. ALL STORM SEWER STRUCTURES TO HAVE INLET BASKETS TO COLLECT ANY SILT, WHICH MAY FLOW INTO STRUCTURES. INLET BASKETS TO REMAIN IN PLACE UNTIL SITE IS PERMANENTLY STABILIZED.
10. ANY UTILITY STRUCTURE, FIRE HYDRANT, MANHOLE, VALVES, ETC. THAT ARE TO BE REMOVED FOR FUTURE REPLACEMENT, MUST BE INSPECTED BY THE APPROPRIATE PUBLIC WORKS DEPARTMENT BEFORE ANY RE-USE AND RE-INSTALLATION.
11. POWER TO EXISTING STREET LIGHTS IN AREA OF CONSTRUCTION IS TO BE MAINTAINED. SPLICING OF CONDUITS AND WIRES WILL NOT BE ALLOWED; NEW CONDUITS AND WIRES WILL NEED TO BE INSTALLED WHERE LIGHTING IS DISTURBED.
12. ALL ABANDONED WATER SERVICES AT THE MAIN, OR ANY OTHER EXISTING UTILITY PIPING OR STRUCTURE, MUST BE WITNESSED BY BOTH THE PUBLIC WORKS AND ENGINEERING DEPARTMENTS PRIOR TO BACK FILLING.

SURVEYOR'S NOTES

1. DIMENSIONS SHOWN THUS: 50.25' ARE FEET AND DECIMAL PARTS THEREOF. ANGULAR DATA SHOWN THUS: 90°00'00" INDICATES DEGREES, MINUTES AND SECONDS.
2. NORTH ARROW AND BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD83 ADJUSTMENT.
3. IMPROVEMENT LOCATIONS ARE BASED ON A FIELD SURVEY BY C.M. LAVOIE AND ASSOCIATES, INC. ON APRIL 13, 2021.
4. COMPARE YOUR POINTS BEFORE USING SAME AND REPORT ANY DIFFERENCES IMMEDIATELY.
5. CHECK LEGAL DESCRIPTION WITH DEED OR TITLE POLICY AND REPORT ANY DISCREPANCY IMMEDIATELY. BUILDING LINES AND EASEMENTS, IF ANY, SHOWN HEREON ARE AS SHOWN ON THE RECORDED SUBDIVISION OR AS INDICATED.
6. THE LOCATION OF UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE AND COMPILED FROM FIELD SURFACE OBSERVATIONS, UTILITY MARKINGS LOCATED IN THE FIELD AND UTILITY ATLASES. SOME OF THE PROVIDED ATLASES INDICATE LOCATIONS BY GRAPHIC REPRESENTATION ONLY AND THESE ARE SHOWN TO THE BEST OF OUR ABILITY. UNDERGROUND UTILITIES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY. ANY CONTRACTOR CONTEMPLATING WORK ON THIS SITE SHOULD CONFIRM THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF EXCAVATION.
7. SUBSURFACE AND ENVIRONMENTAL CONDITIONS WERE NOT EXAMINED OR CONSIDERED AS A PART OF THIS SURVEY. NO STATEMENT IS MADE CONCERNING THE EXISTENCE OF UNDERGROUND OR OVERHEAD CONTAINERS OR FACILITIES WHICH MAY AFFECT THE USE OR DEVELOPMENT OF THIS PROPERTY.

ISSUED FOR BID	1/22/2024
No. ISSUES & REVISIONS	DATE

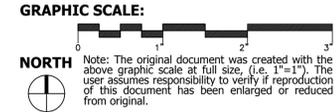
CLIENT
**VILLAGE OF ORLAND PARK
RFP 24-009**

PROJECT
**ATHLETICS OPERATIONS
MAINTENANCE FACILITY
PROJECT**

ADDRESS
**14671 WEST AVENUE
ORLAND PARK, IL 60462**

SHEET TITLE
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Drawn By: NGS
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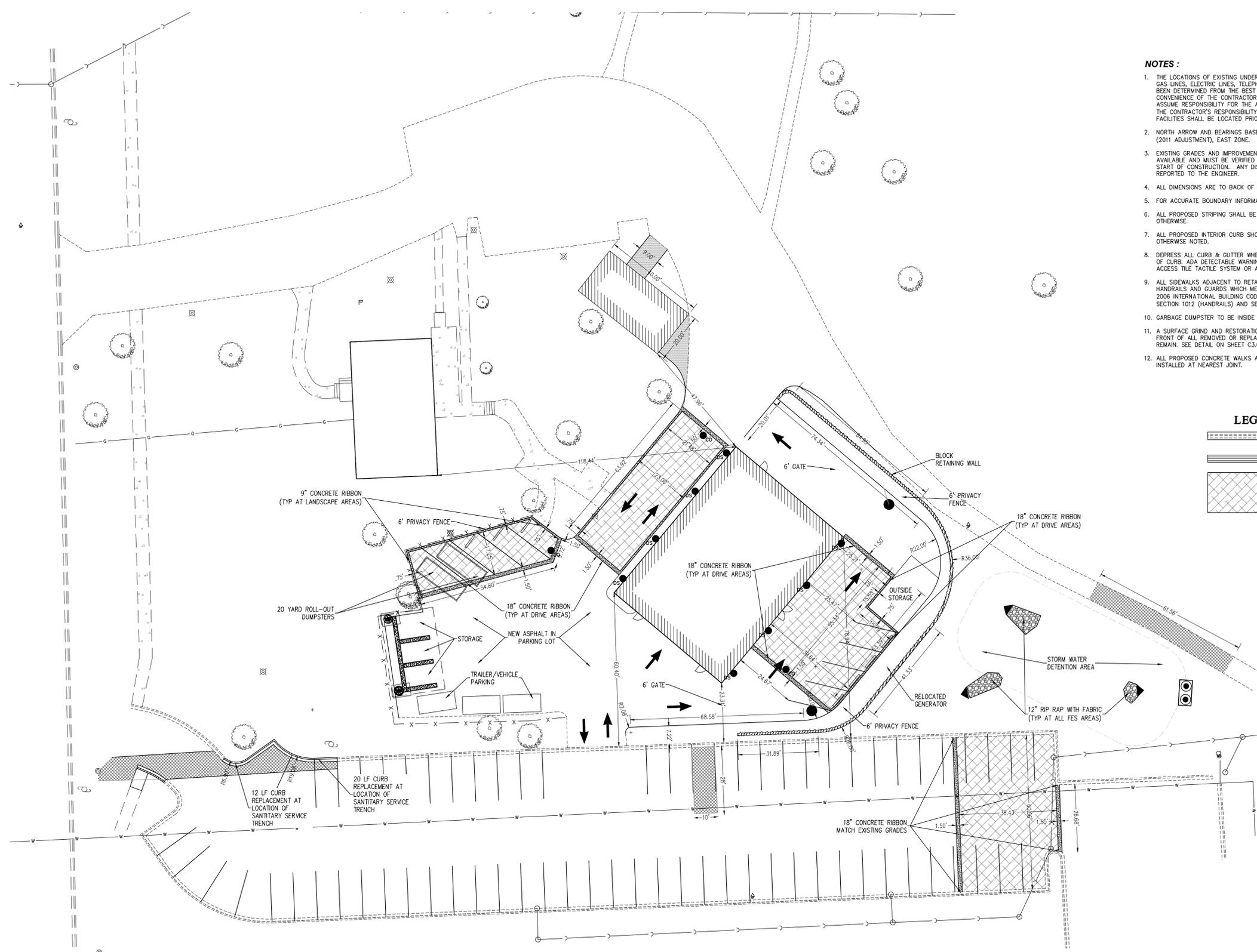
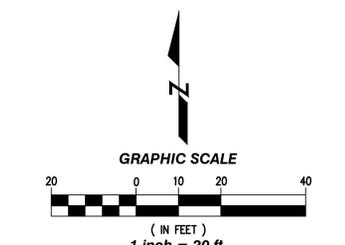
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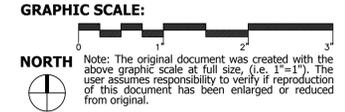
- NOTES: 1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES... 2. NORTH ARROW AND BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES... 3. EXISTING GRADES AND IMPROVEMENTS ARE SHOWN FROM THE BEST INFORMATION AVAILABLE... 4. ALL DIMENSIONS ARE TO BACK OF CURB OR LOT CORNER... 5. FOR ACCURATE BOUNDARY INFORMATION, SEE FINAL SUBDIVISION PLAT... 6. ALL PROPOSED STRIPING SHALL BE 4 INCH WIDE WHITE PAINT UNLESS NOTED OTHERWISE... 7. ALL PROPOSED INTERIOR CURB SHOWN HEREON IS 8-6.12 CURB AND GUTTER UNLESS OTHERWISE NOTED... 8. DEPRESS ALL CURB & GUTTER WHERE PROPOSED PCC SIDEWALK MEETS PROPOSED BACK OF CURB... 9. ALL SIDEWALKS ADJACENT TO RETAINING WALLS, OVER THREE FEET IN HEIGHT, TO HAVE HANDRAILS AND GUARDS... 10. GARBAGE DUMPSTER TO BE INSIDE OF PROPOSED TRASH STRUCTURE... 11. A SURFACE GRIND AND RESTORATION SHALL BE PROVIDED A DISTANCE OF 2 FEET IN FRONT OF ALL REMOVED OR REPLACED CURB AND GUTTER... 12. ALL PROPOSED CONCRETE WALKS ABUTTING EXISTING CONCRETE WALKS SHALL BE INSTALLED AT NEAREST JOINT.

LEGEND: Dashed line = EXISTING CURB, Solid line = PROPOSED 6.12 CURB, Hatched area = PERMEABLE PAVERS

Table with 2 columns: No., ISSUES & REVISIONS; DATE. Includes 'ISSUED FOR BID' and '1/22/2024'.

CLIENT: VILLAGE OF ORLAND PARK RFP 24-009 PROJECT: ATHLETICS OPERATIONS MAINTENANCE FACILITY PROJECT ADDRESS: 14671 WEST AVENUE ORLAND PARK, IL 60462 SHEET TITLE: GEOMETRY PLAN

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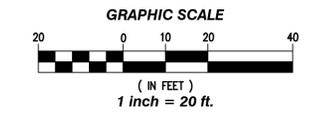
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Design Firm Number:
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LEGEND

⊙	PROPOSED STORM MANHOLE	— 8" W	PROPOSED WATERMAIN
⊙	EXISTING STORM MANHOLE	— 8" W	EXISTING WATERMAIN
□	PROPOSED INLET	—	PROPOSED SANITARY SEWER
□	EXISTING INLET	—	EXISTING SANITARY SEWER
●	PROPOSED FIRE HYDRANT	—	PROPOSED STORM SEWER
○	EXISTING FIRE HYDRANT	—	EXISTING STORM SEWER
⊙	PROPOSED VALVE AND VAULT	— HWL	HIGH WATER LEVEL
⊙	EXISTING VALVE AND VAULT	— NWL	NORMAL WATER LEVEL
⊙	PROPOSED CATCH BASIN	— 6.32	EXISTING CONTOUR
⊙	EXISTING CATCH BASIN	— 6.32	PROPOSED CONTOUR
⊙	PROPOSED SANITARY MANHOLE	—	PROPOSED SILT FENCE
⊙	EXISTING SANITARY MANHOLE	➔	EMERGENCY FLOOD ROUTE
⊙	PROPOSED VALVE BOX	⊙	PROPOSED STREET LIGHT
⊙	EXISTING VALVE BOX		

NOTES :

- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES, SUCH AS WATER MAINS, SEWERS, GAS LINES, ELECTRIC LINES, TELEPHONE LINES, ETC., AS SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. HOWEVER, THE ENGINEER AND OWNER DO NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES AND THEIR FACILITIES SHALL BE LOCATED PRIOR TO ANY WORK.
- EXISTING GRADES AND IMPROVEMENTS ARE SHOWN FROM THE BEST INFORMATION AVAILABLE AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCY WITH THE PLAN SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL EXPOSE ANY UTILITIES OR OTHER OBSTRUCTIONS TO BE CROSSED BY THE PROPOSED SEWERS, AND SHALL NOTIFY THE ENGINEER IMMEDIATELY IF THERE ARE ANY CONFLICTS WITH THE PROPOSED SEWER GRADES.
- RESTRAIN JOINTS ACCORDINGLY, WHERE PROPOSED WATERMAIN IS TAPPING INTO EXISTING MAIN TO THE SATISFACTION OF THE VILLAGE ENGINEER.
- ALL HYDRANTS MUST BE WATEROUS WB-67 (PAINTED YELLOW). ALL VALVES MUST BE RESILIENT WEDGE TYPE AND BE LOCATED IN VALVE VAULT.
- ALL STORM SEWER FRAMES/GATES ARE TO BE LABELED "NO DUMPING - DRAINS TO CREEK" (OR SIMILAR).
- THE SEWER CONTRACTOR SHALL SCHEDULE WITH THE SANITARY SEWER DISTRICT A MEETING PRIOR TO THE START OF CONSTRUCTION.
- THE CONSTRUCTED SANITARY SEWERS MUST BE TELEVIEWED UNDER SIMULATED FLOW CONDITIONS. DISTRICT PERSONNEL MUST BE PRESENT DURING TELEVIEWING. NO SAGS GREATER THAN 25% OF THE PIPE DIAMETER SHALL BE ACCEPTED. ALL UNACCEPTABLE SAGS MUST BE REPLACED IN A MANNER ACCEPTABLE TO THE DISTRICT.
- CONTRACTOR TO COORDINATE WITH VILLAGE/CITY FOR PROPOSED LIGHTING CONNECTIONS.
- ANY UTILITY CONFLICTS THAT INVOLVE WATER AND SEWER SERVICES WITHIN 18" VERTICAL SEPARATION SHALL BE CONSTRUCTED USING WATER QUALITY PIPING.
- CONTRACTOR SHALL VERIFY ALL UTILITIES IN THE FIELD.
- CONTRACTOR SHALL RELOCATE ANY AND ALL UTILITIES AS NECESSARY. COORDINATE WITH OWNER OF UTILITY.
- ALL EXISTING STRUCTURES LOCATED WITHIN THE CONSTRUCTION ZONE SHALL BE ADJUSTED TO ACCOMMODATE PROPOSED WORK AND SHALL BE INCIDENTAL TO UTILITY COSTS.

WATERMAIN NOTES

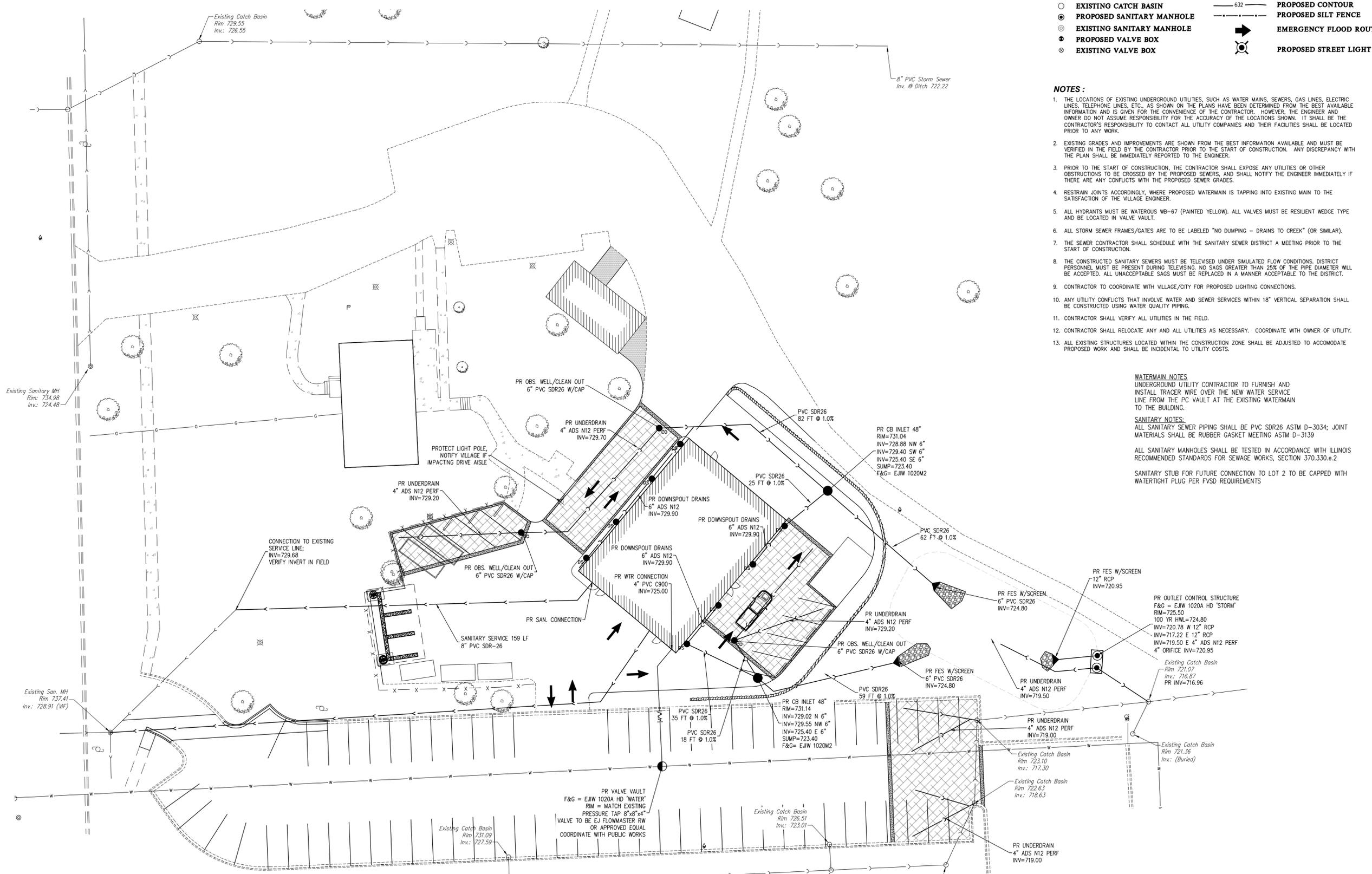
UNDERGROUND UTILITY CONTRACTOR TO FURNISH AND INSTALL TRACER WIRE OVER THE NEW WATER SERVICE LINE FROM THE PC VAULT AT THE EXISTING WATERMAIN TO THE BUILDING.

SANITARY NOTES:

ALL SANITARY SEWER PIPING SHALL BE PVC SDR26 ASTM D-3034; JOINT MATERIALS SHALL BE RUBBER GASKET MEETING ASTM D-3139.

ALL SANITARY MANHOLES SHALL BE TESTED IN ACCORDANCE WITH ILLINOIS RECOMMENDED STANDARDS FOR SEWAGE WORKS, SECTION 370.330.e.2

SANITARY STUB FOR FUTURE CONNECTION TO LOT 2 TO BE CAPPED WITH WATERTIGHT PLUG PER FVSD REQUIREMENTS



ISSUED FOR BID	1/22/2024
ISSUES & REVISIONS	DATE

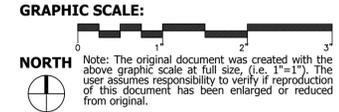
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RFP 24-009**

PROJECT
**ATHLETICS OPERATIONS
MAINTENANCE FACILITY
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SHEET TITLE
UTILITY PLAN

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JONATHAN R. MURAWSKI, AIA, NCARB IL. LICENSE NUMBER: 001-022816

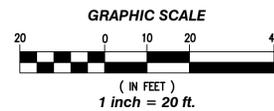
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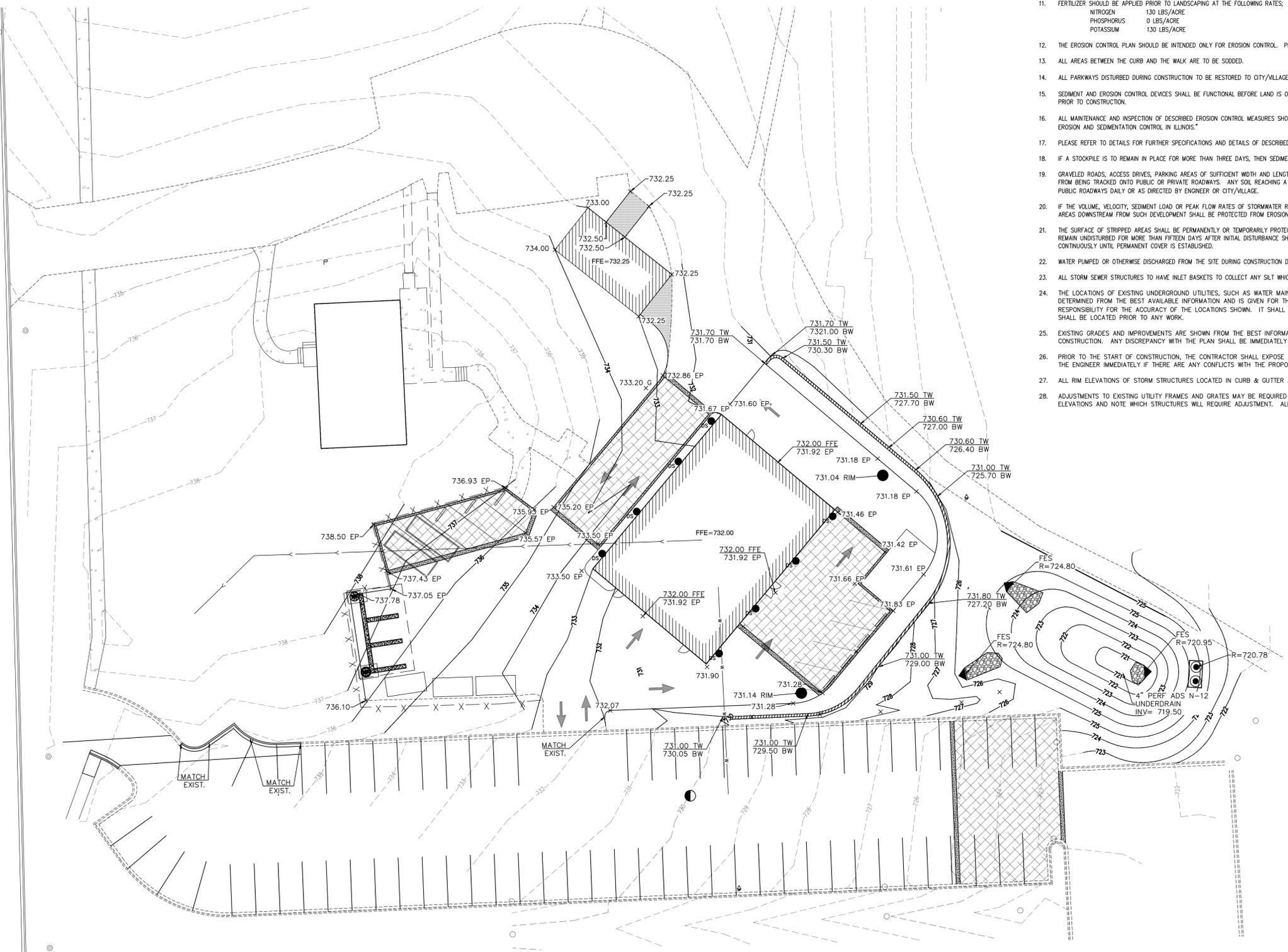
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CM Consulting Civil Engineering Land Planning & Surveying 633 Rogers Street, Suite 111 Downers Grove, Illinois 60515 phone: 630-381-0819 Design Firm Number: 184003041-0012 C.M. Lavoie & Associates, INC.



GENERAL GRADING NOTES:

- 1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES, SUCH AS WATER MAINS, SEWERS, GAS LINES, ELECTRIC LINES, TELEPHONE LINES, ETC., AS SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. HOWEVER, THE ENGINEER AND OWNER DO NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES AND THEIR FACILITIES SHALL BE LOCATED PRIOR TO ANY WORK.
2. EXISTING GRADES AND IMPROVEMENTS ARE SHOWN FROM THE BEST INFORMATION AVAILABLE AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCY WITH THE PLAN SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER.
3. GRADE ADJUSTMENTS ARE ANTICIPATED TO OCCUR IN THE FIELD AND ARE CONSIDERED INCIDENTAL TO THE CONTRACT COST. ALL WORK AFFECTED BY GRADE ADJUSTMENTS SHALL STOP AND DESIGN ENGINEER NOTIFIED FOR ACCEPTABLE SOLUTION. GENERAL CONTRACTOR TO ASSUME ALL LIABILITY FOR CONTINUING WORK PROGRESS.
4. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL EXPOSE ANY UTILITIES OR OTHER OBSTRUCTIONS TO BE CROSSED BY THE PROPOSED SEWER, AND SHALL NOTIFY THE ENGINEER IMMEDIATELY IF THERE ARE ANY CONFLICTS WITH THE PROPOSED SEWER GRADE.
5. STABILIZED CONSTRUCTION ENTRANCE SHALL CONSIST OF CA-3 STONE BASE 6" DEPTH MINIMUM OVER WOVEN FILTER FABRIC.
6. ACCESS TO THE SITE SHALL BE LIMITED TO THE STABILIZED CONSTRUCTION ENTRANCE, UNLESS PRIOR APPROVAL FROM THE CITY/VILLAGE.
7. EROSION CONTROL MEASURES SHALL CONFORM TO "PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS" LATEST EDITION, AND FURTHER MEASURES AS DEEMED NECESSARY. ALL EROSION CONTROL MEASURES WHICH ARE NECESSARY TO MEET THE REQUIREMENTS OF THE CITY/VILLAGE ORDINANCE SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.
8. TEMPORARY VEGETATION OR, WHEN APPROPRIATE, MULCHING OR OTHER NONVIABLE COVER SHALL BE USED TO PROTECT AREAS EXPOSED DURING DEVELOPMENT.
9. PERMANENT SEEDING AREAS SHALL RECEIVE 65 LBS/ACRE PERENNIAL RYEGRASS AND 75 LBS/ACRE KENTUCKY BLUEGRASS.
10. EROSION CONTROL BLANKET TO BE INSTALLED IN ALL PERMANENT SEEDING AREAS.
11. FERTILIZER SHOULD BE APPLIED PRIOR TO LANDSCAPING AT THE FOLLOWING RATES: NITROGEN 130 LBS/ACRE, PHOSPHORUS 0 LBS/ACRE, POTASSIUM 130 LBS/ACRE.
12. THE EROSION CONTROL PLAN SHOULD BE INTENDED ONLY FOR EROSION CONTROL. PLEASE REFER TO THE GRADING PLANS FOR DETAILED GRADING INFORMATION.
13. ALL AREAS BETWEEN THE CURB AND THE WALK ARE TO BE SOODED.
14. ALL PARKWAYS DISTURBED DURING CONSTRUCTION TO BE RESTORED TO CITY/VILLAGE SPECIFICATIONS.
15. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE. ALL SILT FENCE SHALL BE ERCTED AND APPROVED BY THE CITY/VILLAGE PRIOR TO CONSTRUCTION.
16. ALL MAINTENANCE AND INSPECTION OF DESCRIBED EROSION CONTROL MEASURES SHOWN ON THIS PLAN SHALL BE IN ACCORDANCE WITH CHAPTER 6 OF "PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS."
17. PLEASE REFER TO DETAILS FOR FURTHER SPECIFICATIONS AND DETAILS OF DESCRIBED EROSION CONTROL MEASURES.
18. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, THEN SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE PROVIDED FOR THE STOCKPILE.
19. GRAVELED ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT THE DEPOSIT OF SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY. CONTRACTOR TO CLEAN PUBLIC ROADWAYS DAILY OR AS DIRECTED BY ENGINEER OR CITY/VILLAGE.
20. IF THE VOLUME, VELOCITY, SEDIMENT LOAD OR PEAK FLOW RATES OF STORMWATER RUNOFF ARE TEMPORARILY INCREASED DURING CONSTRUCTION, THEN THE PROPERTIES AND SPECIAL MANAGEMENT AREAS DOWNSTREAM FROM SUCH DEVELOPMENT SHALL BE PROTECTED FROM EROSION.
21. THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN FIFTEEN DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN FIFTEEN DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
22. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
23. ALL STORM SEWER STRUCTURES TO HAVE INLET BASKETS TO COLLECT ANY SILT WHICH MAY FLOW INTO STRUCTURES. INLET BASKETS TO REMAIN IN PLACE UNTIL SITE IS PERMANENTLY STABILIZED.
24. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES, SUCH AS WATER MAINS, SEWERS, GAS LINES, ELECTRIC LINES, TELEPHONE LINES, ETC., AS SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. HOWEVER, THE ENGINEER AND OWNER DO NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES AND THEIR FACILITIES SHALL BE LOCATED PRIOR TO ANY WORK.
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27. ALL RIM ELEVATIONS OF STORM STRUCTURES LOCATED IN CURB & GUTTER ARE TO FLOW LINE UNLESS NOTED.
28. ADJUSTMENTS TO EXISTING UTILITY FRAMES AND GRATES MAY BE REQUIRED BY THE CONTRACTOR. CONTRACTOR TO FIELD VERIFY ALL FRAMES AND GRATES FOR EXISTING ELEVATIONS AND NOTE WHICH STRUCTURES WILL REQUIRE ADJUSTMENT. ALL ADJUSTMENTS ARE CONSIDERED INCIDENTAL TO THE CONTRACT.



LEGEND

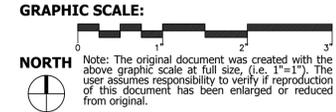
- ELEVATION TABLE: xxx.xx TOP OF CURB, xxx.xx EDGE OF P/MT
MATCH: = MATCH EXISTING ELEVATION
EXISTING SPOT GRADES: =
PROPOSED SPOT GRADES: =
OVERLAND FLOW ARROW
EXISTING DRAINAGE ARROW
PROPOSED DRAINAGE ARROW
PROPOSED CONTOUR
EXISTING CONTOUR
PROPOSED B6.12 CURB
PROPOSED DEPRESSED CURB
REVERSE CURB

Table with 2 columns: No., ISSUES & REVISIONS; DATE

VILLAGE OF ORLAND PARK RFP 24-009 ATHLETICS OPERATIONS MAINTENANCE FACILITY PROJECT 14671 WEST AVENUE ORLAND PARK, IL 60462

GRADING PLAN

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Project No.: 22010B Drawn By: NGS Checked By: JRM SHEET NUMBER C 7.0



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JONATHAN R. MURAWSKI, AIA, NCARB IL. LICENSE NUMBER: 001-022816

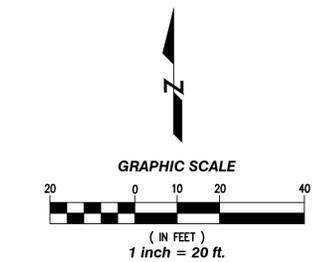
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C.M. Lavoie & Associates, Inc. Consulting Civil Engineering Land Planning & Surveying 633 Rogers Street, Suite 111 Downers Grove, Illinois 60515 phone: 630-381-0819 Design Firm Number: 184003041-0012

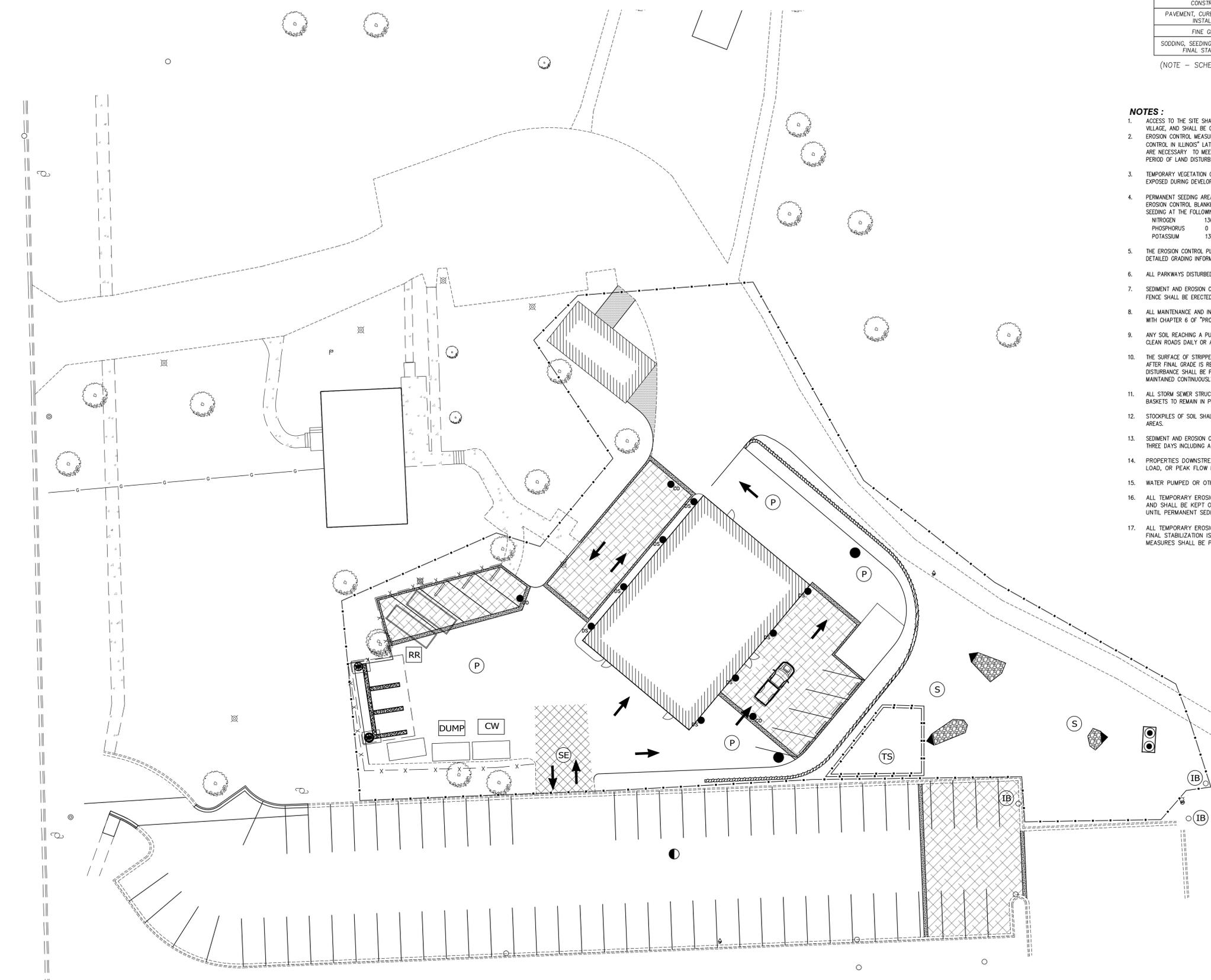


Task schedule table with columns for TASK, MONTH 1, MONTH 2, MONTH 3, MONTH 4, MONTH 5, MONTH 6, MONTH 7, MONTH 8. Tasks include: INSTALLATION OF PERIMETER CONTROLS, BUILDING & TREE REMOVAL, UNDERGROUND UTILITY INSTALLATION, MASS GRADING AND BUILDING CONSTRUCTION, PAVEMENT, CURB AND SIDEWALK INSTALLATION, FINE GRADING, SODDING, SEEDING, LANDSCAPING & FINAL STABILIZATION.

(NOTE - SCHEDULE SUBJECT TO CHANGE DEPENDING ON START DATE AND WEATHER CONDITIONS.)

NOTES:

- 1. ACCESS TO THE SITE SHALL BE LIMITED TO THE STABILIZED CONSTRUCTION ENTRANCE, UNLESS PRIOR APPROVAL FROM THE VILLAGE, AND SHALL BE CONSTRUCTED AS NOTED IN DETAILS... 2. EROSION CONTROL MEASURES SHALL CONFORM TO "PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS" LATEST EDITION... 3. TEMPORARY VEGETATION OR, WHEN APPROPRIATE, MULCHING OR OTHER NONVARIABLE COVER SHALL BE USED TO PROTECT AREAS EXPOSED DURING DEVELOPMENT... 4. PERMANENT SEEDING AREAS SHALL RECEIVE 75 LBS/ACRE PERENNIAL RYEGRASS AND 75 LBS/ACRE KENTUCKY BLUEGRASS... 5. THE EROSION CONTROL PLAN SHOULD BE INTENDED ONLY FOR EROSION CONTROL. PLEASE REFER TO THE GRADING PLANS FOR DETAILED GRADING INFORMATION... 6. ALL PARKWAYS DISTURBED DURING CONSTRUCTION TO BE RESTORED TO VILLAGE/CITY SPECIFICATIONS... 7. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE... 8. ALL MAINTENANCE AND INSPECTION OF DESCRIBED EROSION CONTROL MEASURES SHOWN ON THIS PLAN SHALL BE IN ACCORDANCE WITH CHAPTER 6 OF "PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS"... 9. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY... 10. THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN FIFTEEN DAYS AFTER FINAL GRADE IS REACHED... 11. ALL STORM SEWER STRUCTURES TO HAVE INLET BASKETS TO COLLECT ANY SILT WHICH MAY FLOW INTO STRUCTURES... 12. STOCKPILES OF SOIL SHALL NOT BE LOCATED WITHIN ANY DRAINAGEWAYS, FLOODPLAINS, WETLANDS, BUFFERS OR DEPRESSION AREAS... 13. SEDIMENT AND EROSION CONTROL SHALL BE PROVIDED FOR ANY SOIL STOCKPILE IF IT IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS INCLUDING A DOUBLE ROW OF SILT FENCE OR COR ROLL... 14. PROPERTIES DOWNSTREAM FROM THE SITE SHALL BE PROTECTED FROM EROSION IF THE VOLUME, VELOCITY, SEDIMENT LOAD, OR PEAK FLOW RATES OF STORMWATER RUNOFF ARE TEMPORARILY INCREASED DURING CONSTRUCTION... 15. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED... 16. ALL TEMPORARY EROSION CONTROL MEASURES NECESSARY TO MEET THE REQUIREMENTS OF THE CITY OF FULTON AND SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL... 17. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL STABILIZATION IS ACHIEVED.



LEGEND: (C) CONCRETE, (SD) SEED, (S) SEED/EROSION BLANKET, (P) PAVEMENT, (IB) INLET BASKET, (SE) STABILIZED ENTRANCE, (TS) TOPSOIL STOCKPILE, PROPOSED SILT FENCE, EXISTING TREE, EXISTING TREE TO BE PROTECTED, EMERGENCY OVERLAND FLOW ROUTE, (CW) CONCRETE WASHOUT DUMPSTER, (DUMP) CONSTRUCTION DUMPSTER, (RR) PORTABLE RESTROOMS

CLIENT: VILLAGE OF ORLAND PARK RFP 24-009 PROJECT: ATHLETICS OPERATIONS MAINTENANCE FACILITY PROJECT ADDRESS: 14671 WEST AVENUE ORLAND PARK, IL 60462 SHEET TITLE: EROSION CONTROL PLAN

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