

Title	Hamilton Reservoir	12/05/2023
	by Jim Holder in Member District ADA Project Request	id. 44873296
	250 E Wood Street Palatine, Illinois 60067 United States 847-705-5131 ADAProjects@palatineparks.org	

Original Submission 12/05/2023

Score	n/a
Name	Jim Holder
Job Title	Superintendent of Parks & Planning
E-mail Address	adaprojects@palatineparks.org
Phone Number	847-705-5131
Park District	Palatine
Project Location	Hamilton Reservoir
Project Status	Alteration
Project Type	Routes and Surfaces
Routes and Surfaces- select a Project Category below:	Accessible Routes- Means of Egress Parking Spots Sidewalks Walking Surfaces
Benefits of the Project	Allows individuals with mobility issues to access the park from the parking lot. It includes handicapped parking area improvements and access the park site amenities.
Items that will become ADA Compliant	Handicapped parking areas and access to park amenities.
The project is designed or constructed, or applies human resources, to comply with:	The 2010 Standards for Accessible Design The Illinois Accessibility Code

Upload Project Related Files, Photos, Videos or Audio

[00_Hamilton_Calculations.pdf](#)

[01_Plan_Set_Hamilton_Parking_Lot_Improvements_2023-04-05.pdf](#)

[02_Updated_for_SB_-_5241.221_Pay_Request.pdf](#)

[03_Hamilton_Park_ADA_Improvements_Summary.pdf](#)

[04_Bid_Chicagoland_Paving.pdf](#)

[20230724_073516.jpg](#)

[DJI_0849.JPG](#)

Budget Table for ADA Related Expenses

[Budget Table.xlsx](#)

ADA Dollars Requested	19189.09
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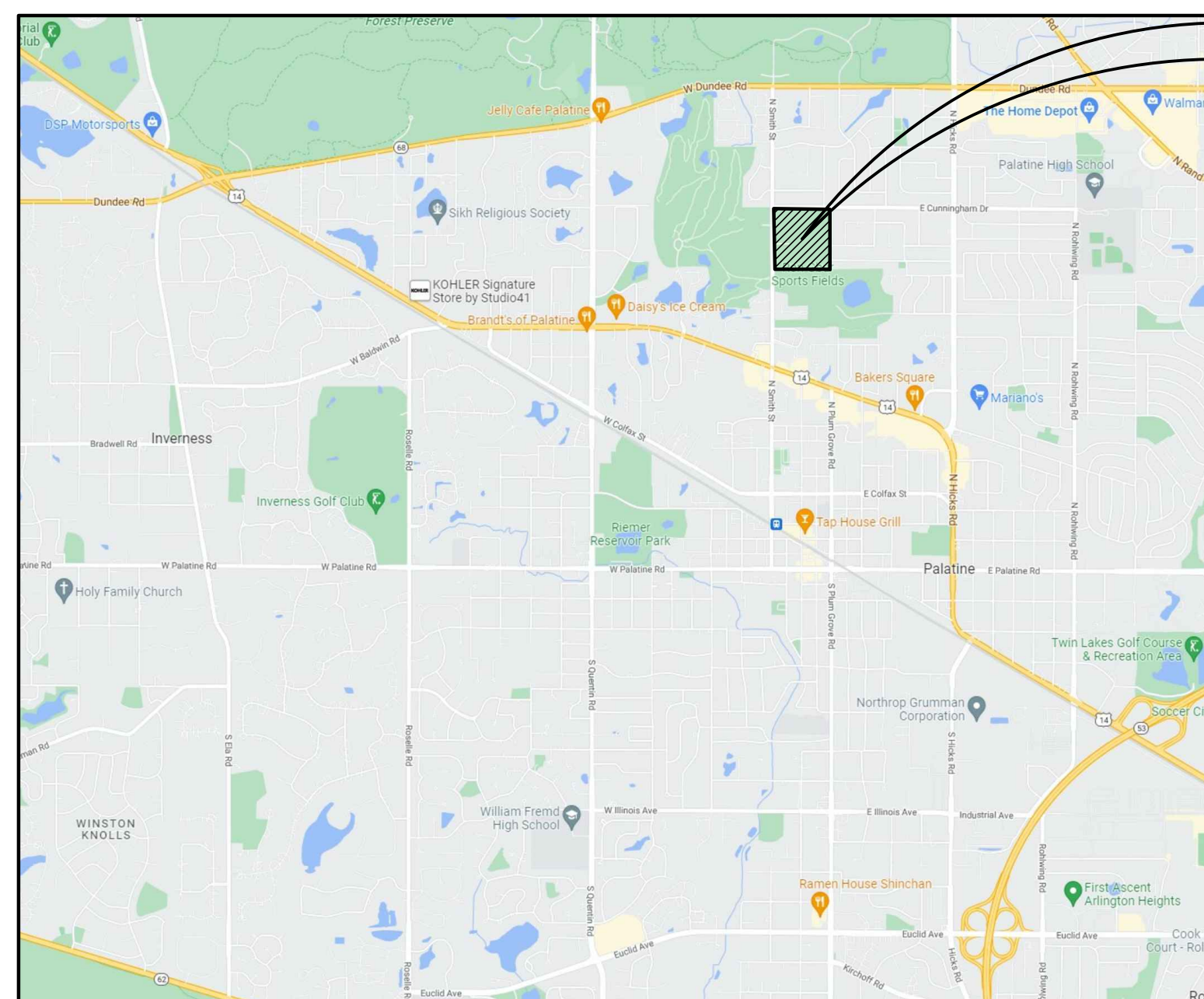
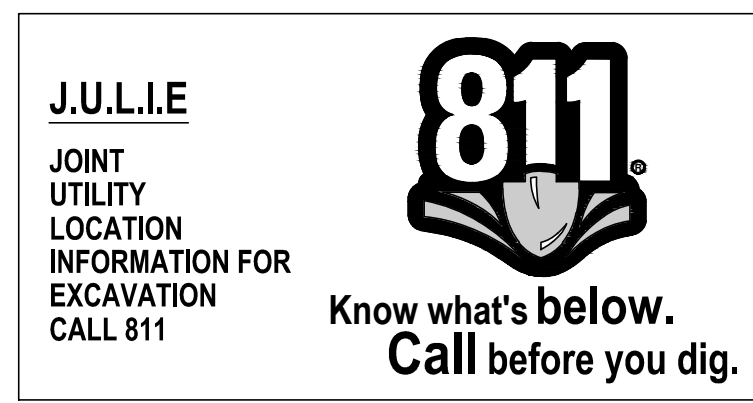
Notes related to requested amount

PALATINE PARK DISTRICT HAMILTON PARK 2023 PARKING LOT IMPROVEMENTS

HAMILTON PARK 1103 NORTH SMITH STREET PALATINE, ILLINOIS 60067

STANDARD SYMBOLS

FEATURE	EXISTING	PROPOSED
BUFFALO BOX		
BUSH/SHRUB		
CATCH BASIN		
CLEANOUT		
COMBINE SEWER LINE		
CONTOUR		
CULVERT		
DITCH/SWALE		
ELECTRIC LINE		
ELECTRIC MANHOLE		
FENCE		
FIRE HYDRANT		
FLARED END SECTION		
GAS LINE		
GAS MANHOLE		
GAS VALVE		
INLET		
LIGHT POLE		
OVERHEAD WIRES		
POWER POLE		
R.O.W LINE		
R.O.W MARKER		
SANITARY FORCEMAIN LINE		
SANITARY SEWER LINE		
SANITARY SEWER MANHOLE		
SIGN		
SPOT ELEVATION		
STORM SEWER LINE		
STORM SEWER MANHOLE		
TELEPHONE LINE		
TELEPHONE MANHOLE		
TELEPHONE BOX/PEDESTAL		
TREE--CONIFEROUS (SIZE/TAG#)		
TREE--DECIDUOUS (SIZE/TAG#)		
VALVE BOX		
VALVE VAULT		
WATER VALVE		
WATERMAIN LINE		



PROJECT LOCATION
1103 N SMITH STREET
PALATINE, ILLINOIS 60067

LOCATION MAP
(Not to Scale)

BENCHMARK:

ELEVATIONS SHOWN HEREON ARE OBTAINED VIA GPS USING TRIMBLE VRS[®] NOW[™] (NO PUBLISHED MONUMENT VERIFIED)
DATUM: NAVD88

CONTROL POINTS:

Point #	Northing	Eastng	Elevation	Description
1	1990090.7870	1601530.61	760.75	CP33--XSW

SHEET INDEX

1. TITLE SHEET
2. EXISTING CONDITIONS/DEMOLITION PLAN
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4. GRADING PLAN
5. GRADING PLAN (ADA ENLARGEMENT)
6. SOIL EROSION AND SEDIMENT CONTROL PLAN
7. GENERAL NOTES
8. DETAILS

TOPOGRAPHIC SURVEY BY:

GEWALT HAMILTON ASSOCIATES, INC.
625 FOREST EDGE DRIVE
VERNON HILLS, ILLINOIS 60061
TELEPHONE: 847-478-9700

PROFESSIONAL DESIGN FIRM LICENSE:

GEWALT HAMILTON ASSOCIATES, INC.
DESIGN FIRM - LAND SURVEYOR/PROF ENG
LICENSE NUMBER: 184.000922-0010
EXPIRES: 4/30/2023

PLANS PREPARED FOR:

PALATINE PARK DISTRICT
1103 N SMITH STREET
PALATINE, ILLINOIS 60067
TELEPHONE: 847-359-2079

COORDINATING/PERMITTING AGENCIES

VILLAGE OF PALATINE	1-947-202-6963
METROPOLITAN WATER RECLAMATION DISTRICT LOCAL SEWER SECTION MWRD FIELD OFFICE	1-312-751-5600 1-708-588-4055
ILLINOIS DEPARTMENT OF NATURAL RESOURCES OFFICE OF WATER RESOURCES	1-847-608-3116

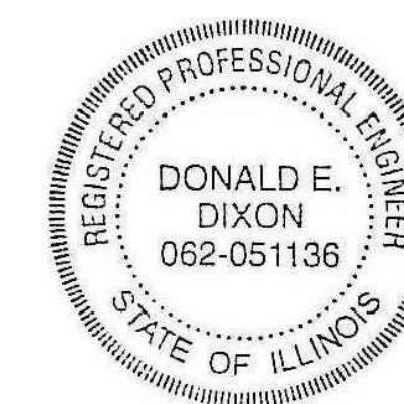
SIGNED: P.E.

DONALD E. DIXON

DATE: APRIL 4, 2023

ILLINOIS LICENSE NO.: 062-051136

EXPIRATION DATE: NOVEMBER 30, 2023



EXISTING UTILITIES: WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF UNDERGROUND UTILITY FACILITIES, SUCH INFORMATION REPRESENTS ONLY THE OPINION OF THE ENGINEER AS TO THE LOCATION OF SUCH UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY WHATEVER IN RESPECT TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS RELATIVE TO THE LOCATION OF UNDERGROUND UTILITY FACILITIES OR THE MANNER IN WHICH THEY ARE TO BE REMOVED OR ADJUSTED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES. HE SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES, DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR REMOVING OR ADJUSTING THEM.

CONTRACTOR IS RESPONSIBLE FOR CONTACTING J.U.L.I.E. AT 1-800-892-0123 AND MUST ACQUIRE A DIG NUMBER A MINIMUM OF 72 HOURS PRIOR TO ANY WORK BEING DONE.

NOTE: CONSTRUCTION MEANS, METHODS AND JOB SITE SAFETY IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR

ISSUE FOR BID

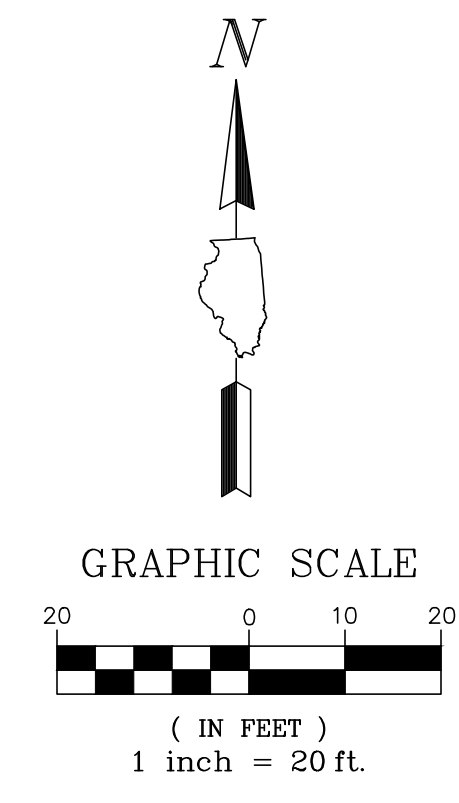
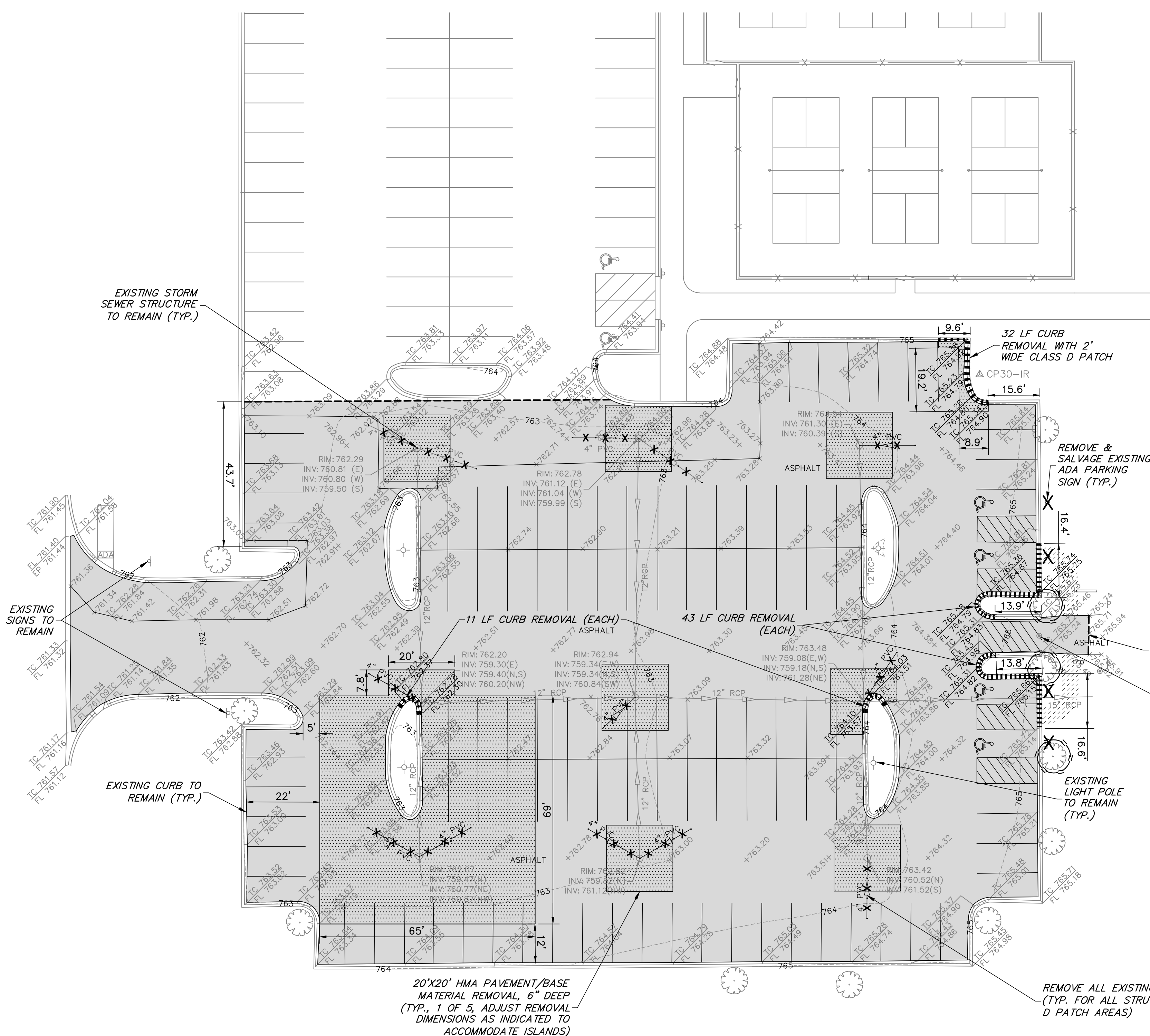
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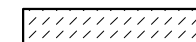





TITLE SHEET
PALATINE PARK DISTRICT
HAMILTON PARK - 2023 PARKING LOT IMPROVEMENTS
1103 NORTH SMITH STREET, PALATINE, ILLINOIS 60067

NO.	BY	DATE	REVISION	NO.	BY	DATE	REVISION

FILE: 5241.221-DT1.dwg	SHEET NUMBER:
DRAWN BY: TLM DATE: 04/05/23	GHA PROJECT # 5241.221
CHECKED BY: AJP DATE: 04/05/23	SCALE: N.A.
	OF 8 SHEETS



REMOVAL LEGEND

-  HMA SURFACE REMOVAL (2")
-  CLASS D PATCH (4")
-  EARTH REMOVAL
-  CURB/COMBINATION CURB AND GUTTER REMOVAL
-  SIGN REMOVAL
-  UTILITY TO BE REMOVED
-  PAVEMENT SAWCUT
-  TREE TRUNK PROTECTION FENCE

EXISTING CONDITION AND DEMOLITION NOTES

1. PRIOR TO STARTING ANY CONSTRUCTION, PROVIDE SOIL EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE PLANS AND AS REQUIRED PER IEPA NPDES GUIDELINES. REFER TO NOTES AND DETAILS THROUGHOUT THE ENTIRE PLAN SET.
2. PRIOR TO STARTING ANY EXCAVATION WORK, PROVIDE TREE PROTECTION, PRESERVATION AND ROOT PRUNING AS SHOWN ON THE PLANS AND NOTES THROUGHOUT THE ENTIRE PLAN SET.
3. CONTRACTOR SHALL REFER TO SUBSURFACE SOIL EXPLORATION REPORT.
4. NORTH SMITH STREET IS UNDER THE JURISDICTION OF THE VILLAGE OF PALATINE. ALL WORK WITHIN THE RIGHT OF WAY WILL REQUIRE A PERMIT.
5. HAMILTON PARK SHALL REMAIN ACTIVELY USED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FENCING THE ACTIVE WORK ZONE FROM THE PUBLIC AND PROTECTING THE PUBLIC FROM ANY CONSTRUCTION RELATED HAZARDS. AT A MINIMUM, ALL EXCAVATION, DEMOLITION AREAS AND OTHER AREAS POTENTIALLY HAZARDOUS TO PEDESTRIANS AND VEHICLES MUST BE PROTECTED.
6. AT ALL TIMES, NORTH SMITH STREET SHALL REMAIN OPEN AND UNOBSTRUCTED. TEMPORARY SHUT DOWN OF ONE TRAFFIC LANE AT A TIME WILL BE PERMITTED FOR SHORT TERM PERIODS AND SHALL BE COORDINATED WITH APPOINTED PROPERTY OWNER CONSTRUCTION STAFF. SHORT TERM CLOSINGS SHALL BE COMPLETED WITHIN THE WORK DAY AND RESTORED TO UNOBSTRUCTED ACCESS BY THE CLOSE OF THE WORK DAY.
7. TEMPORARY STONE OR ASPHALT PATHWAYS SHALL BE PROVIDED AS NEEDED THROUGHOUT THE COURSE OF CONSTRUCTION TO FACILITATE SAFE PEDESTRIAN AND VEHICULAR MOVEMENT. THE LONGITUDINAL SLOPE OF SUCH PATHS SHALL NOT EXCEED 5% AND CROSS SLOPES SHALL NOT EXCEED 2%. PROVIDE 6" CA-6 BASE AND 2" SURFACE ASPHALT.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION AND DISPOSAL OF ALL EXISTING IMPROVEMENTS ONSITE NECESSARY TO COMPLETE THE JOB. THESE IMPROVEMENTS INCLUDE, BUT ARE NOT LIMITED TO, EXISTING PAVEMENTS, CURBS, UTILITIES, FOUNDATIONS, AND OTHER STRUCTURES WITHIN THE WORK AREA. EXCAVATE AND GRADE TO PROPOSED PAVEMENT SUBBASE GRADES. THESE ITEMS SHALL BE COMPLETELY REMOVED AND LEGALLY DISPOSED OF OFFSITE.
9. REMOVE EXISTING UTILITIES AS SHOWN. UTILITIES THAT ARE REMOVED, UNLESS OTHERWISE NOTED, SHALL BE BACKFILLED WITH CA-6 CRUSHED STONE IN LIFTS OF 8" OR LESS AND COMPACTED TO 95% MODIFIED PROCTOR DENSITY.
10. TEMPORARILY REMOVE, STORE AND PROTECT SIGN AND POSTS WITHIN AFFECTED WORK ZONE FOR REINSTALLATION. COORDINATE ONSITE STORAGE WITH PROPERTY OWNER.
11. THE CONTRACTOR SHALL INCLUDE ALL ASSOCIATED COSTS WITH THE REMOVAL, TRANSPORT, DISPOSAL, TESTING AND CERTIFICATION OF "UNCONTAMINATED SOIL" AS DEFINED UNDER 415 ILCS 5/3.160 INCLUDING ANY FEES, TAXES, OR SURCHARGES CHARGED BY OR THROUGH THE OPERATOR(S) OF CLEAN CONSTRUCTION OR DEMOLITION DEBRIS FILL OPERATIONS OR UNCONTAMINATED SOIL FILL OPERATIONS FOR THE ACCEPTANCE OF UNCONTAMINATED SOIL.
12. WHERE 4" CLASS D PATCH IS INDICATED, EXISTING HMA PAVEMENT/BASE MATERIAL IS TO BE REMOVED TO A DEPTH OF 6" BELOW EXISTING GRADE (4" BELOW BOTTOM OF HMA SURFACE LAYER).
13. THE CONTRACTOR SHALL SUBMIT TO THE VILLAGE A CONSTRUCTION STAGING AND FENCING PLAN. PEDESTRIAN ACCESS CONFORMING TO ADA STANDARDS SHALL BE MAINTAINED ON ALL ADA ROUTES IMPACTED BY CONSTRUCTION AT ALL TIMES.
14. EXISTING TOPOGRAPHY REPRESENTS THE PROPOSED CONTOURS SHOWN ON PLANS BY GEWALT HAMILTON ASSOCIATES DATED 01-30-2023.
15. EXISTING CONDITION SURVEY PROVIDED BY GEWALT HAMILTON ASSOCIATES DATED 01-30-2023.

GHA GEWALT HAMILTON ASSOCIATES, INC.
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EXISTING CONDITIONS/DEMOLITION PLAN
PALATINE PARK DISTRICT
HAMILTON PARK - 2023 PARKING LOT IMPROVEMENTS
1103 NORTH SMITH STREET, PALATINE, ILLINOIS 60067

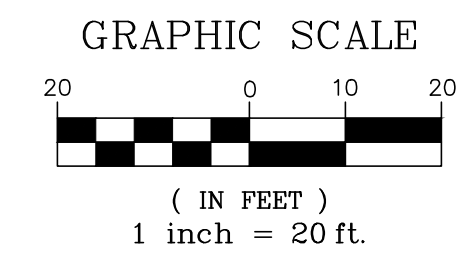
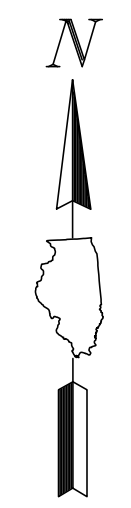
NO.	BY	DATE	REVISION

FILE: 5241.221-PR2.dwg	SHEET NUMBER:
DRAWN BY: TLM	GHA PROJECT #
DATE: 04/05/23	5241.221
CHECKED BY: AJP	SCALE:
DATE: 04/05/23	1"=20'
	OF 8 SHEETS

4/25/2023 8:00 PM
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GEOMETRIC AND PAVING PLAN

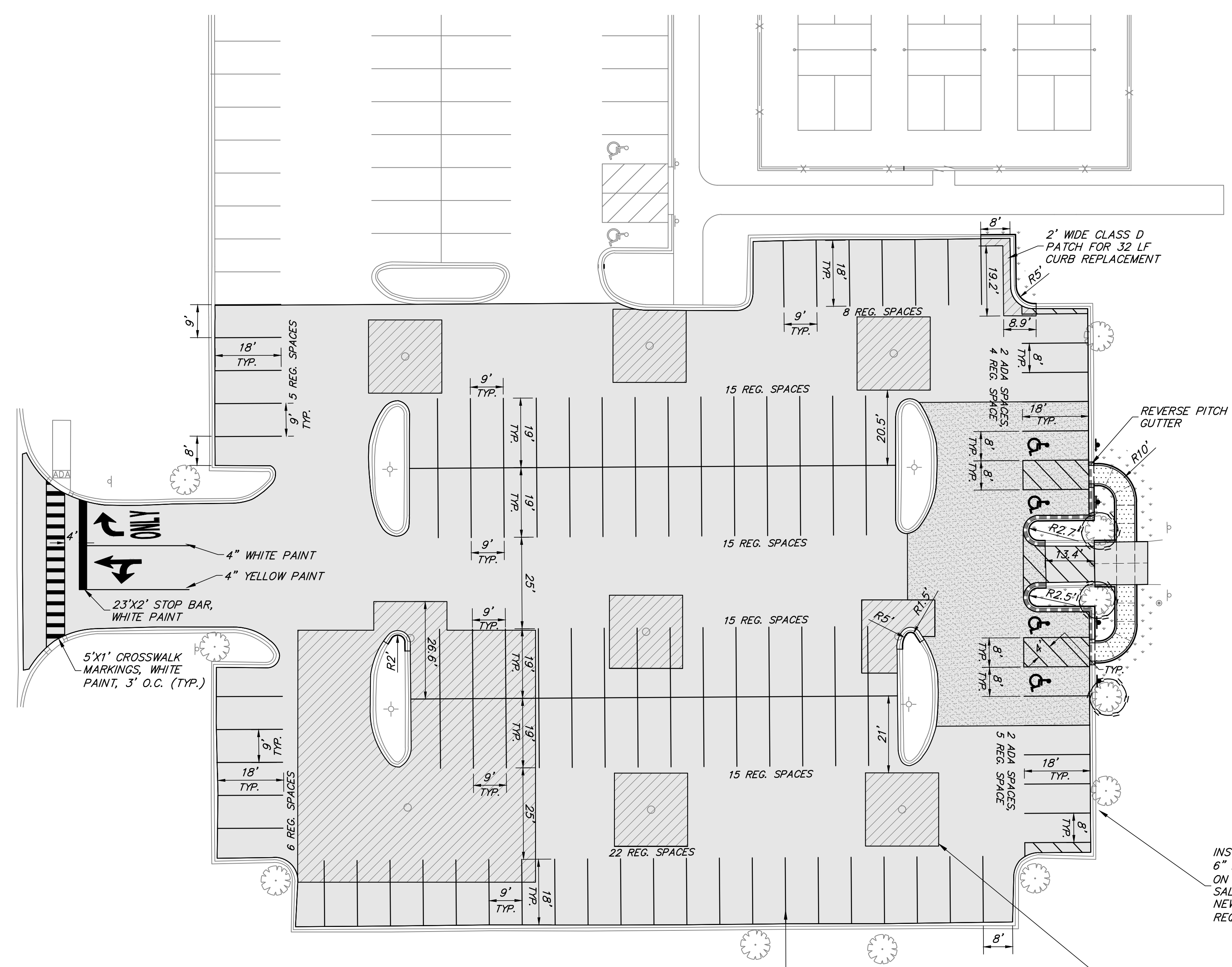
- ALL PAVEMENT DIMENSIONS ARE TO EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. E=EDGE OF PAVEMENT, B=BACK OF CURB, F=FACE OF CURB. RADII DIMENSIONS ARE TO BACK OF CURB.
- INSTALL ALL CURB AS SHOWN. NOTE SOME CURBS MAY REQUIRE REVERSE PITCH GUTTER. DOWEL NEW CURB TO EXISTING AND PROPOSED CURBS PER GENERAL NOTES.
- CONTRACTOR SHALL COORDINATE SPOT REPAIRS AND REPLACEMENT OF CURB AND GUTTER WITH ON-SITE ENGINEER.
- PROVIDE 1.90% CROSS SLOPE AND 4.5% MAXIMUM LONGITUDINAL SLOPE ON ALL SIDEWALKS AND PEDESTRIAN PATH WAYS UNLESS OTHERWISE INDICATED. ILLINOIS ACCESSIBILITY CODE REQUIRES A MAXIMUM CONSTRUCTED CROSS SLOPE OF 2.00% AND LONGITUDINAL SLOPE OF 5.00%.
- INSTALL BITUMINOUS PAVEMENT AS SHOWN. REFER TO DETAIL SHEET FOR SPECIFIC PAVEMENT SECTIONS AND GENERAL NOTE SHEET FOR CONSTRUCTION, TESTING AND COMPACTION REQUIREMENTS.
- INSTALL PCC PAVEMENT AS SHOWN. REFER TO DETAIL SHEET FOR SPECIFIC PAVEMENT SECTION AND GENERAL NOTES FOR CONSTRUCTION, TESTING AND COMPACTION REQUIREMENTS.
- ALL PARKING LOT STALL MARKINGS SHALL BE 4" YELLOW PAINT AND ALL OTHER PARKING LOT PAVEMENT MARKINGS SHALL BE PAINT, COLOR AS NOTED, IN ACCORDANCE WITH SECTION 780 OF THE IDOT STANDARD SPECIFICATIONS. (TWO SINGLE APPLICATIONS, 16 MILS EACH REQUIRED). SITE PAVEMENT MARKING SHALL BE COORDINATED WITH SITE ENGINEER. CONTRACTOR SHALL NOTIFY SITE ENGINEER 48 HRS PRIOR TO INSTALLING PAVEMENT MARKING.
- FOR HANDICAPPED STALL MARKINGS, REFER TO HANDICAPPED PARKING STALL AND SIGN DIMENSIONING DETAIL.
- INSTALL NEW SIGNS AND HANDICAPPED PARKING SIGNS USING 2" GALVANIZED SQUARE TUBE POST AND TELESCOPING POST SLEEVE PER IDOT STANDARD.
- CONTRACTOR SHALL INSTALL TEMPORARY EROSION CONTROL SEED AND BLANKET AS NECESSARY TO MEET SOIL EROSION AND SEDIMENT CONTROL REQUIREMENTS. REFER TO NOTES AND DETAILS THROUGHOUT THE PLAN SET FOR SPECIFIC MATERIAL REQUIREMENTS.
- FOR FINAL RESTORATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL DISTURBED TURF AREAS AND PROPOSED TURF AREAS AS FOLLOWS:
 - REFER TO LANDSCAPE PLANS FOR PLANT AND TREE MATERIAL AND INSTALLATION REQUIREMENTS.
 - REFER TO LANDSCAPE PLANS FOR TOPSOIL, SEED AND SOD MATERIAL AND RESTORATION REQUIREMENTS.
 - PRIOR TO PLACEMENT OF TOPSOIL RESTORATION AREA SUBGRADE MATERIAL SHALL BE ROTOTILLED AND RE-COMPACTED TO A MAXIMUM OF 80% STANDARD PROCTOR TO A DEPTH OF 6".
 - SPREAD A MINIMUM OF 6" OF EXISTING SITE SALVAGED SCREENED TOPSOIL OR NEW PULVERIZED TOPSOIL ON ALL DISTURBED AREAS. COMPACT TO 80% STANDARD PROCTOR.
 - TOPSOIL MUST BE FREE OF LITTER, BRUSH, ROCKS AND EARTH CLODS OF GREATER THAN 1 INCH IN ANY DIMENSION. CONTAIN BETWEEN 1%-10% ORGANIC MATTER, 12%-50% CLAY, AND LESS THAN 55% SAND CONTENT. PH SHALL BE BETWEEN 6.0 AND 8.0.
 - SEED RESTORATION AREAS AS FOLLOWS:
 - IDOT CLASS 1A SEED. (LAWN MIXTURE)
 - IDOT CLASS 4 SEED. (NATIVE GRASS)
 - FERTILIZER SHALL BE APPLIED AT A RATE AS DIRECTED BY THE OWNER.
 - EROSION CONTROL BLANKET SHALL BE NORTH AMERICAN GREEN S75 OR APPROVED EQUAL INSTALLED FOLLOWING MANUFACTURER GUIDELINES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING THE RESTORED AREA PER IDOT SPECIFICATIONS FOR A DURATION OF 30 DAYS PRIOR TO THE OWNER'S FINAL REVIEW AND ACCEPTANCE. IF RESTORATION HAS NOT SHOWN A "CATCH" OR UNIFORM STAND, THE CONTRACTOR SHALL REPEAT RESEEDING OR RESODDING UNTIL A UNIFORM STAND IS ACHIEVED.
- ONCE RESTORATION HAS BEEN COMPLETED, THE CONTRACTOR SHALL REMOVE EROSION CONTROL DEVICES. SILT FENCE TRENCHES SHALL BE BACKFILLED AND RESTORED IN KIND. STORM STRUCTURES SHALL BE CLEANED OF DEBRIS.
- INSTALL PARKING LOT AND CONCRETE PAVEMENT AS SHOWN. WHERE 4" CLASS D PATCH IS INDICATED, REPLACE HMA PAVEMENT TO A DEPTH OF 6" (OPEN DEPTH REMAINING AFTER 2" HMA SURFACE REMOVAL AND 4" HMA BINDER/BASE MATERIAL REMOVAL), REGRADING EXISTING BASE MATERIAL TO MEET PROPOSED 6" HMA DEPTH AND RE-COMPACTING/PROOF ROLLING PRIOR TO REPAVING.
- ALL 8" PCC PAVEMENT AND B6.12 CURB AND GUTTER CONTRACTION JOINTS SHALL BE SAWCUT A MINIMUM OF 2" DEEP WITHIN 12 HOURS OF POUR.
- HOT MIX ASPHALT (HMA) PAVING - AFTER PASSING PROOF ROLL, THE CONTRACTOR SHALL STRING LINE THE PARKING LOT. ANY AREAS THAT DO NOT MEET MINIMUM PAVEMENT CROSS SLOPE (1.0%) WILL BE CORRECTED, RE-COMPACTED AND RE-PROOF ROLLED.
- WHERE LEVEL BINDER IS INDICATED, APPLY LEVEL BINDER COURSE OVER EXISTING BINDER COURSE (IN SURFACE COURSE REMOVAL AREAS) SUCH THAT PROPOSED 2" HMA SURFACE COURSE MATCHES PROPOSED GRADES IN ADA PARKING STALLS AND ACCESS AISLES/ROUTES.



PROPOSED LEGEND

- HMA SURFACE COURSE (2")
- CLASS D PATCH (4")
- PCC SIDEWALK
- LEVEL BINDER
- GRASS RESTORATION TOPSOIL & SEED
- B6.12 CURB & GUTTER (ADA DEPRESSED REVERSE PITCH)
- B6.12 CURB & GUTTER (REGULAR)
- B6.12 CURB & GUTTER (REVERSE PITCH)
- 0.5' WIDE VERTICAL BARRIER CURB
- SIGN
- TREE TRUNK PROTECTION FENCE

NOTE:
CONTRACTOR SHALL COORDINATE SPOT REPAIRS AND REPLACEMENT OF CURB AND GUTTER WITH ON-SITE ENGINEER



INSTALL ADA PARKING SIGNS 6" BEHIND CURB IN TURF, CENTERED ON ADA STALL (TYP., REINSTALL 4 SALVAGED SIGNS AND INSTALL 3 NEW SIGNS, SEE DETAILS FOR SIGN REQUIREMENTS)

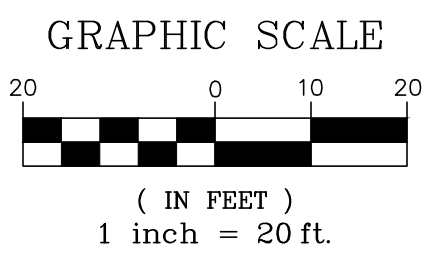
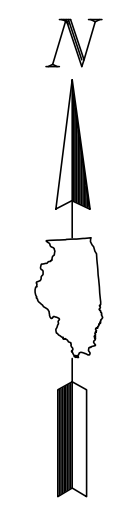
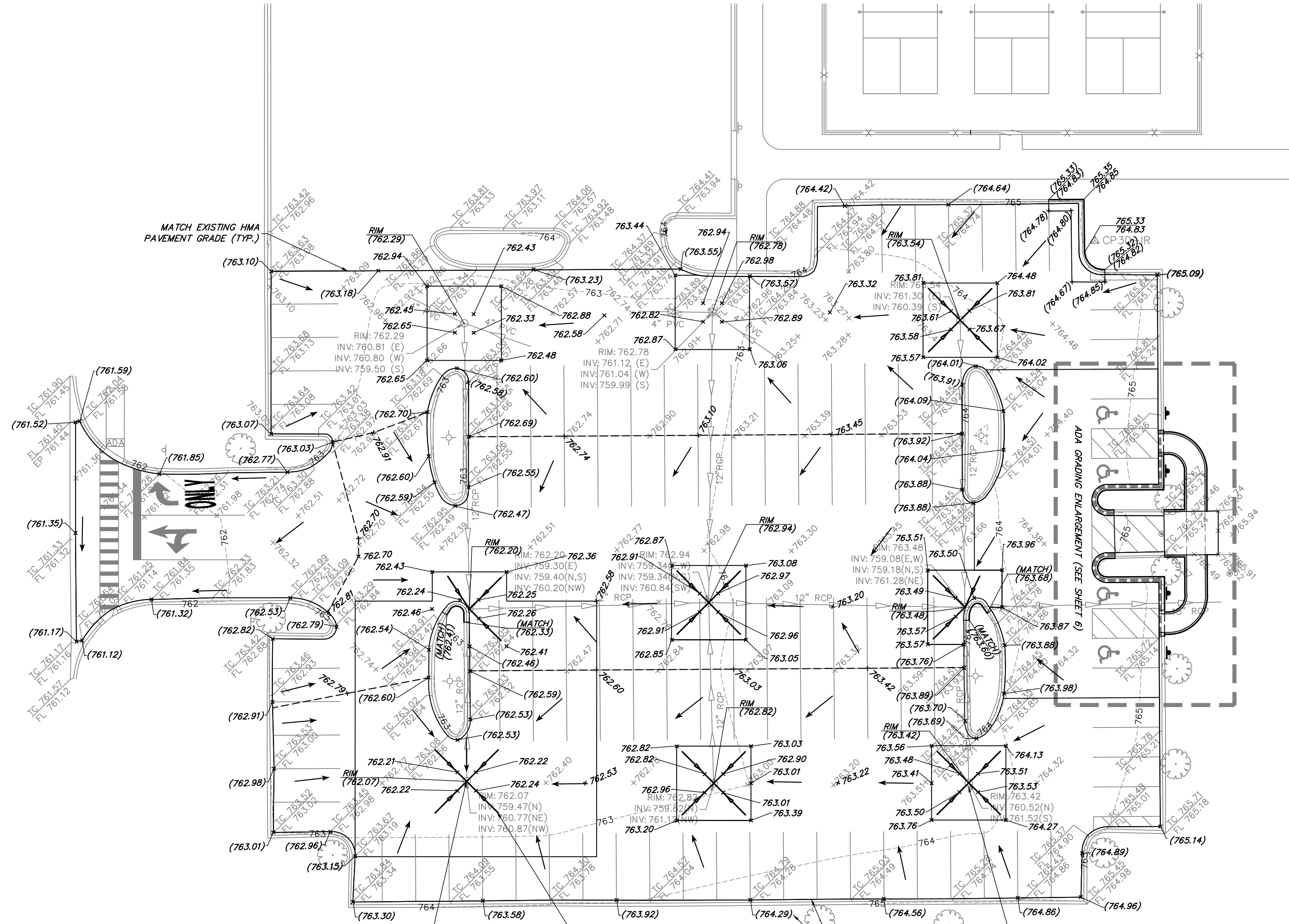
PARKING STALL & ADA ACCESS AISLE PAVEMENT MARKINGS SHALL BE 4" YELLOW PAINT (TYP.)

20' X 20' CLASS D PATCH, 4" DEEP (TYP. 1 OF 7), CENTERED ON STORM SEWER STRUCTURE FRAME & GRATE MODIFY SHAPE AS SHOWN TO ACCOMMODATE CURBED ISLANDS

NO.	BY	DATE	REVISION	NO.	BY	DATE	REVISION

FILE: 5241.221-PR2.dwg	SHEET NUMBER: 3
DRAWN BY: TLM DATE: 04/05/23	GHA PROJECT # 5241.221
CHECKED BY: AJP DATE: 04/05/23	SCALE: 1"=20'
OF 8 SHEETS	

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GRADING LEGEND

- TOP OF CURB FLOW LINE
- PROPOSED SPOT ELEVATION TO MATCH EXISTING GRADE
- PROPOSED SPOT ELEVATION
- SUMMITS
- SLOPES
- FINGER DRAIN

GRADING PLAN NOTES

1. PRIOR TO STARTING ANY CONSTRUCTION, PROVIDE SOIL EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE PLANS AND AS REQUIRED PER IEPA NPDES GUIDELINES. REFER TO NOTES AND DETAILS THROUGHOUT THE ENTIRE PLAN SET.
2. PRIOR TO STARTING ANY EXCAVATION WORK, PROVIDE TREE PROTECTION, PRESERVATION AND ROOT PRUNING AS SHOWN ON THE PLANS AND NOTES THROUGHOUT THE ENTIRE PLAN SET.
3. CONTRACTOR SHALL REFER TO SUBSURFACE SOIL EXPLORATION REPORT.
4. REFER TO GENERAL NOTES FOR GRADING, COMPACTION AND PROOF ROLL REQUIREMENTS.
5. HANDICAP ACCESSIBLE PARKING SPACES SHALL BE CONSTRUCTED BETWEEN 1.0% AND 1.90% MAXIMUM SLOPES IN ANY ONE DIRECTION. ILLINOIS ACCESSIBILITY CODE PERMITS A MAXIMUM CONSTRUCTED SLOPE OF 2.00%.
6. CRUSHED CONCRETE MEETING IDOT CERTIFICATIONS FOR THE DESIGN PLAN GRADATIONS FOR NON-POROUS PAVEMENT AND SIDEWALK STONE BASE, STRUCTURAL FILL, AND TRENCH BACKFILL WILL BE PERMITTED.
7. CRUSHED CONCRETE MAY NOT BE USED FOR UNDERDRAIN TRENCH OR POROUS FILL CONDITIONS.
8. THE CONTRACTOR SHALL IMPORT OR EXPORT SOIL AS NECESSARY TO CONSTRUCT THE SITE TO SPECIFIED PLAN GRADES. SUCH WORK IS CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR SUCH WORK. MINOR ADJUSTMENTS TO GRADES CAN BE ACCOMMODATED WITH PROJECT ENGINEER APPROVAL.
9. THE CONTRACTOR SHALL INCLUDE ALL ASSOCIATED COSTS WITH THE REMOVAL, TRANSPORT, DISPOSAL TESTING AND CERTIFICATION OF "UNCONTAMINATED SOIL" AS DEFINED UNDER 415 ILCS 5/3.160 INCLUDING ANY FEES, TAXES, OR SURCHARGES CHARGED BY OR THROUGH THE OPERATOR(S) OF CLEAN CONSTRUCTION OR DEMOLITION DEBRIS FILL OPERATIONS OR UNCONTAMINATED SOIL FILL OPERATIONS FOR THE ACCEPTANCE OF UNCONTAMINATED SOIL.
10. ALL STRUCTURES SHALL BE ADJUSTED TO MEET FINISHED TURF AND PAVEMENT GRADES.
11. REFER TO SOIL EROSION AND SEDIMENT CONTROL NOTES AND DETAILS FOR SEED AND BLANKET REQUIREMENTS FOR TEMPORARY STABILIZATION.
12. REFER TO GEOMETRIC PLAN OR LANDSCAPE PLAN FOR FINAL RESTORATION REQUIREMENTS.
13. CONTRACTOR SHALL PROVIDE THE FOLLOWING AS-CONSTRUCTED DOCUMENTS AT THE CONCLUSION OF THE PROJECT:
 - a. PARKING LOT AND HARD SURFACES
 - TOP OF CURB AND FLOWLINE ELEVATIONS AT SIMILAR LOCATIONS TO PROPOSED GRADING.
 - SPOT ELEVATIONS AT SUMMIT / HIGH AND LOW POINTS.
 - b. ADA PARKING STALLS, SIDEWALK RAMPS, AND ADA ROUTES
 - PROVIDE 6 SPOT ELEVATIONS WITHIN THE PARKING STALL 3 ALONG THE FRONT AND REAR OF THE STALL AT 8 FOOT SPACING ALONG THE STALL PAVEMENT MARKINGS.
 - PROVIDE 4 SPOT GRADES PER SQUARE AT LANDINGS AND ANY TAMPERS OR RAMPS.
 - PROVIDE SPOT ELEVATIONS ALONG ROUTE AT MAXIMUM 10 FOOT SPACING ON BOTH SIDES OF THE PATH TO CONFIRM CROSS AND LONGITUDINAL SLOPES REQUIREMENTS HAVE BEEN MET.

SUPPLEMENTAL CONDITIONS AND GRADING NOTES

14. APPLY LEVEL BINDER WHERE INDICATED (SEE GEOMETRIC PLAN) SUCH THAT PROPOSED 2" HMA SURFACE COURSE MATCHES PROPOSED GRADES IN ADA PARKING STALL AND ACCESS AISLES/ROUTES.
15. REFER TO SWPPP PLAN FOR SEQUENCE OF CONSTRUCTION. NOTE MASS GRADING WORK ZONE AREAS SHALL BE MINIMIZED TO PREVENT EROSION. ONCE A WORK ZONE HAS BEEN ROUGH GRADED, STABILIZE AREA WITH MULCH AND PROCEED TO NEXT WORK AREA UNTIL SITE IS COMPLETED.
16. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE TO ALL INLETS AND CATCHBASINS. AREAS OF SURFACE PONDING SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
17. ALL LAWN AREAS DISTURBED AS A RESULT OF CONSTRUCTION SHALL BE RESTORED TO PRECONSTRUCTION LAWN CONDITION FOLLOWING RESTORATION REQUIREMENTS.

CORE FINGER DRAINS INTO EXISTING STRUCTURE AT 45° ANGLE FROM HORIZONTAL, 2' BELOW RIM ELEVATION (TYP. AT ALL PROPOSED FINGER DRAIN LOCATIONS. MODIFY ANGLE AS NEEDED TO ACCOMMODATE CURB ISLANDS)

10'-4" PERF. PVC FINGER DRAIN @ 0.0% (TYP. FOR ALL PROPOSED FINGER DRAINS)

MATCH EXISTING CURB GRADE (TYP. AT ALL LOCATIONS)

PROPOSED PCC PAVEMENT TO MATCH EXISTING STORM SEWER STRUCTURE RIM ELEVATION (TYP. FOR ALL LOCATIONS)

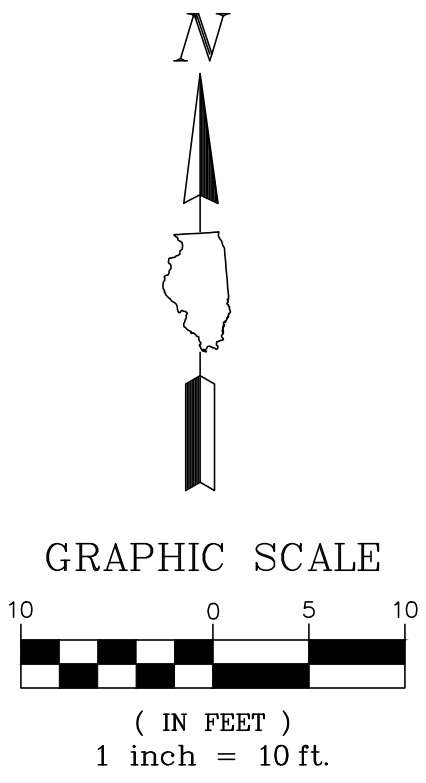
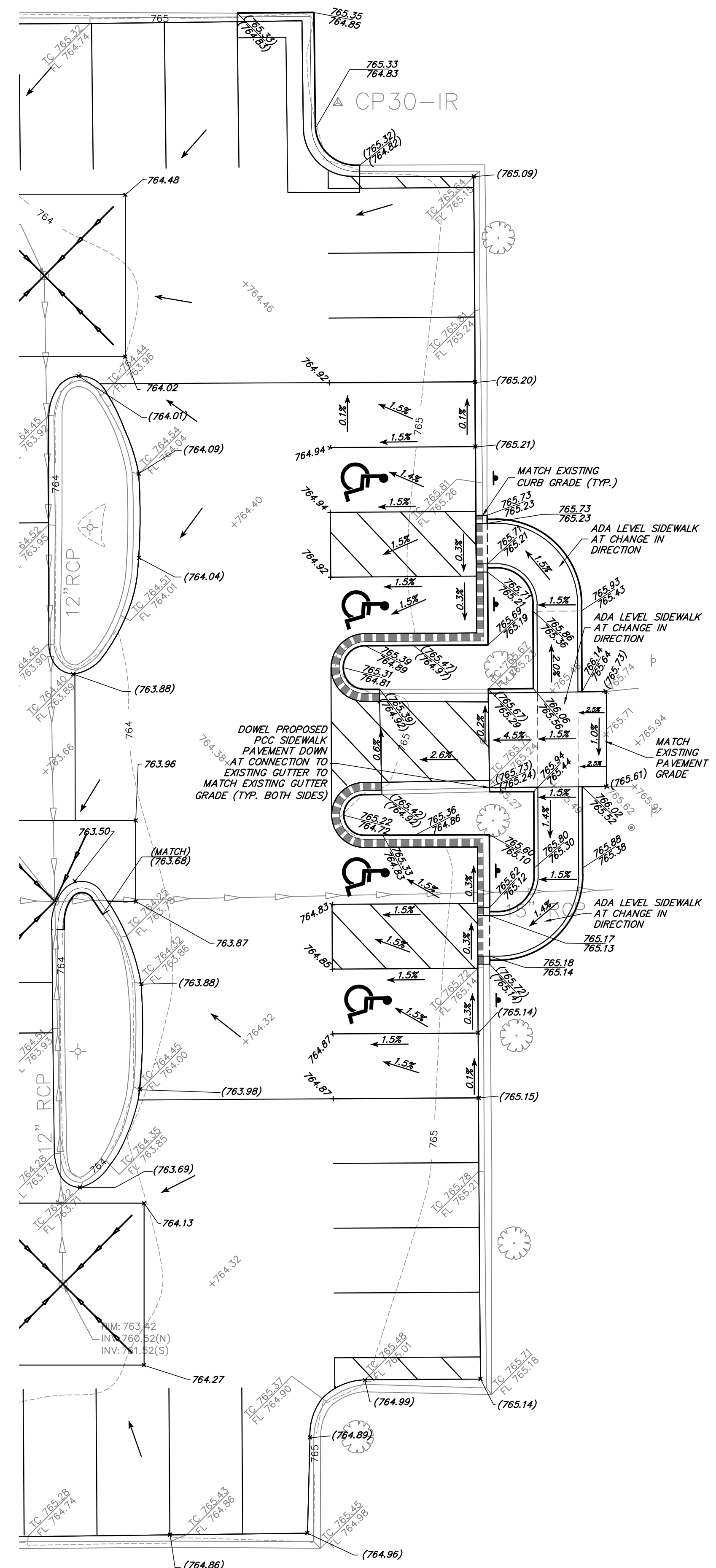
GHA GEWALT HAMILTON ASSOCIATES, INC.
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GRADING & UTILITY PLAN
PALATINE PARK DISTRICT
HAMILTON PARK - 2023 PARKING LOT IMPROVEMENTS
1103 NORTH SMITH STREET, PALATINE, ILLINOIS 60067

NO.	BY	DATE	REVISION

FILE: 5241.221-PR2.dwg	SHEET NUMBER: 4
DRAWN BY: TLM	GHA PROJECT #: 5241.221
DATE: 04/05/23	SCALE: 1"=20'
CHECKED BY: AJP	OF 8 SHEETS
DATE: 04/05/23	



GRADING LEGEND

- TOP OF CURB FLOW LINE
- PROPOSED SPOT ELEVATION TO MATCH EXISTING GRADE
- PROPOSED SPOT ELEVATION
- SUMMITS
- SLOPES
- FINGER DRAIN

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GRADING PLAN (ADA ENLARGEMENT)
PALATINE PARK DISTRICT
HAMILTON PARK - 2023 PARKING LOT IMPROVEMENTS
1103 NORTH SMITH STREET, PALATINE, ILLINOIS 60067

NO.	BY	DATE	REVISION	NO.	BY	DATE	REVISION

FILE: 5241.221-PR2.dwg	GHA PROJECT #
DRAWN BY: TLM	5241.221
DATE: 04/05/23	
CHECKED BY: AJP	SCALE:
DATE: 04/05/23	1" = 10'

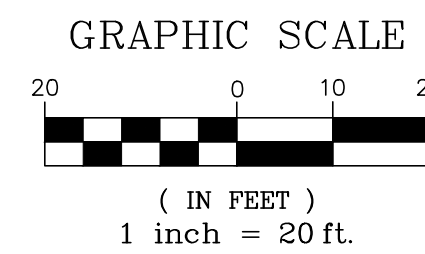
SHEET NUMBER:
5
 OF 8 SHEETS

SEDIMENTATION AND EROSION CONTROL NOTES

- A. THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPRISED OF THE SOIL REOSION AND SEDIMENT CONTROL PLANS, THE STANDARD DETAILS, THE PLAN NARRATIVE, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
- B. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE (SWPPP) AND THE ILLINOIS GENERAL CONSTRUCTION PERMIT (LIR10) AND BECOME FAMILIAR WITH THEIR CONTENTS AND SIGN THE CERTIFICATION FORMS.
- C. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY, PROJECT ENGINEER OR OWNER.
- D. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
- E. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
- F. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- G. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLotation BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- H. LUSTS ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED. WATER USE MUST NOT CAUSE ADDITIONAL EROSION.
- I. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- J. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, AND IN THE (SWPPP), SHALL BE INITIATED AS SOON AS PRACTICABLE.
- K. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT, WASHING SHALL BE IMPLEMENTED AND PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- L. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED BY THE END OF THE DAY.
- M. ON-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- N. ERODIBLE STOCKPILES MUST BE ENCLOSED WITH SILT FENCE BY THE END OF THE WORK DAY.
- O. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- P. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
- Q. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- R. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- T. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 7 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.
- U. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL ULTIMATELY BE RESPONSIBLE FOR MAINTENANCE AND REPAIR.
- V. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (e.g. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE).
- W. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.

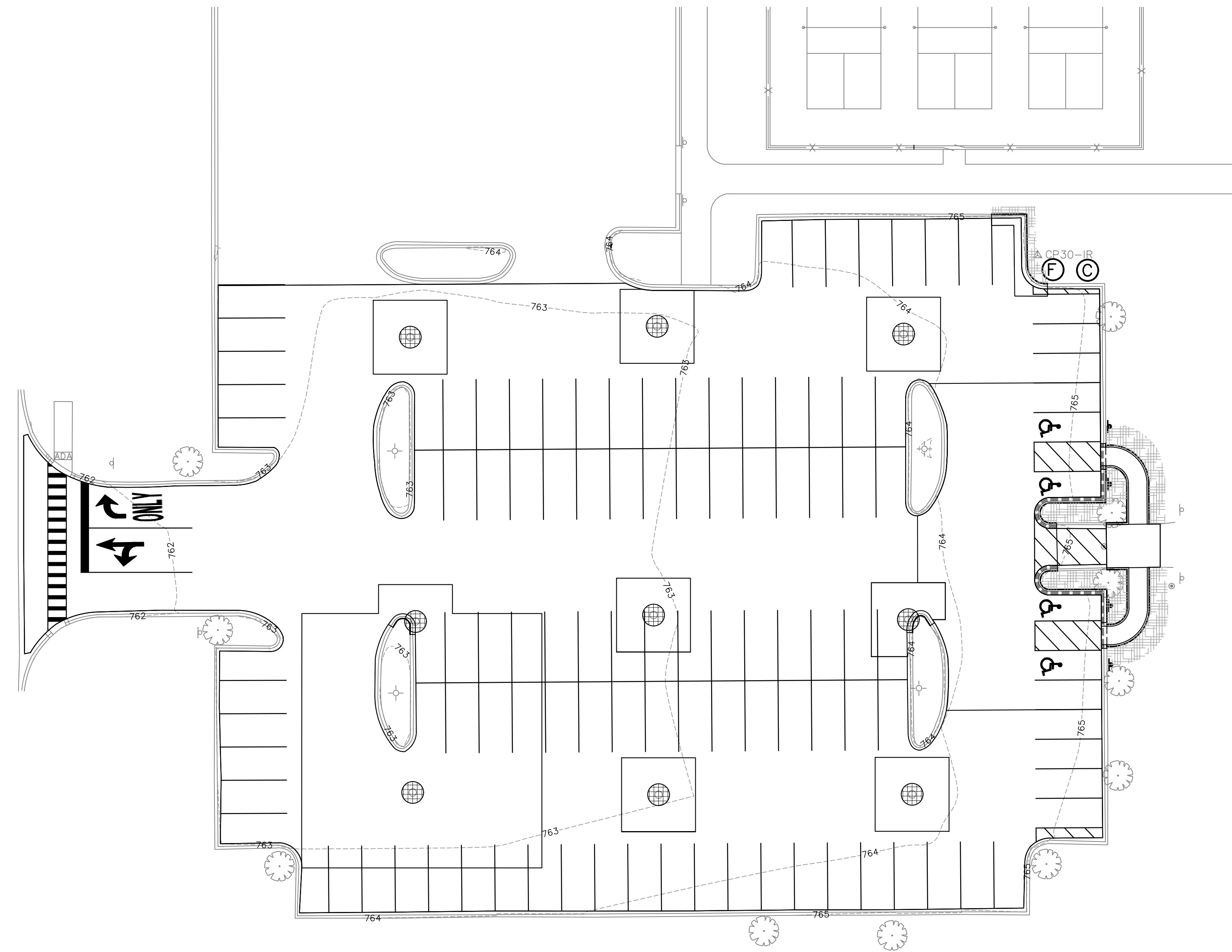
SEQUENCE OF MAJOR ACTIVITIES

1. OWNER FILES NOTICE OF INTENT (NOI) AT LEAST 30 DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION OPERATIONS.
2. INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL MEASURES.
 - ORANGE CONSTRUCTION FENCING AND/OR SILT FENCE AROUND WETLANDS AND OTHER AREAS NOT TO BE DISTURBED.
 - PERIMETER SILT FENCE.
 - STABILIZED CONSTRUCTION ENTRANCE WITH WASH RACK.
 - INLET PROTECTION ON EXISTING STRUCTURES CLOSE TO THE DISTURBED AREA.
3. CONTRACTOR PERFORMS WEEKLY AND "AFTER RAIN EVENT" INSPECTIONS STARTING UPON DISTURBANCE OF THE SITE (DEMOLITION OR INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL MEASURES).
4. DEMOLITION
5. TREE REMOVAL WHERE NECESSARY (CLEAR & GRUB).
6. CONSTRUCT SEDIMENT TRAPPING DEVICES (SEDIMENT TRAPS, BASINS AND SEDIMENT REMOVAL CHANNELS).
7. DEWATER INTO SEDIMENT REMOVAL CHANNEL, WHICH DISCHARGES TO AN UPLAND AREA. THE HOSE IN THE AREA BEING DEWATERED MUST BE ATTACHED TO A FLOATING DEVICE WITH A SCREEN.
8. CONSTRUCT DETENTION FACILITIES AND OUTLET CONTROL STRUCTURE WITH RESTRICTOR AND TEMPORARY PERFORATED RISER. PERMANENTLY STABILIZE THE AREA WITH TOPSOIL, SEED AND EROSION CONTROL BLANKET.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING PLANT GROWTH IN BOTTOM AND SIDE SLOPES OF BASIN. DEWATERING, AS NEEDED, SHALL BE INCIDENTAL TO THE CONTRACTOR'S SCOPE.
10. ABANDON THE EXISTING SITE STORM DRAINAGE; PROTECTION OF POINTS OF ENTRY INTO EXISTING STORM DRAINAGE SYSTEM.
11. STRIP TOPSOIL, STOCK TOPSOIL AND GRADE SITE.
12. TEMPORARY CONTAINMENT OF SOIL/AGGREGATE STOCKPILES (SEED AND SILT FENCE AROUND TOE OF SLOPE).
13. INSTALL UTILITIES AND ASSOCIATED INLET & OUTLET PROTECTION.
14. CONSTRUCT BUILDING AND PAVEMENT.
15. FINE GRADE.
16. INSTALL TOPSOIL, SEED, AND PERMANENT EROSION CONTROL.
17. REMOVE TEMPORARY EROSION CONTROL MEASURE - ONLY - WHEN SITE HAS ACHIEVED FULL STABILIZATION.
18. OWNER TO FILE NOTICE OF TERMINATION (NOT).



SESC LEGEND

- TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH, 6" MIN. SEEDING, CLASS 7
- EROSION CONTROL BLANKET NAG S75 (4:1 SLOPES)
- STORM SEWER INLET PROTECTION:
- INLET FILTER BASKET
- PORTABLE RESTROOM FACILITY
- CONCRETE WASHOUT



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SOIL EROSION & SEDIMENT CONTROL PLAN
PALATINE PARK DISTRICT
HAMILTON PARK - 2023 PARKING LOT IMPROVEMENTS
1103 NORTH SMITH STREET, PALATINE, ILLINOIS 60067

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