

7. PAVEMENT CONSTRUCTION

- 7.1 THE PROPOSED PAVEMENT SHALL CONSIST OF THE SUB-BASE COURSE, BITUMINOUS BINDER COURSE, AND BITUMINOUS SURFACE COURSE...
7.2 AFTER THE INSTALLATION OF THE SUB-BASE COURSE, ALL TRAFFIC SHALL BE KEPT OFF THE BASE UNTIL THE BINDER COURSE IS LAID...
7.3 PRIOR TO CONSTRUCTION OF THE FINAL BITUMINOUS SURFACE COURSE ON PREVIOUSLY CONSTRUCTED BITUMINOUS BINDER COURSE...

8. WATER MAIN CONSTRUCTION

- 8.1 PIPE MATERIAL: ALL WATER MAIN PIPE SHALL BE DUCTILE IRON PIPE, CLASS 52, OR 54 OR AS OTHERWISE SHOWN ON THE PLANS...
8.2 MAIN FITTINGS: ALL WATER MAIN FITTINGS SHALL BE DUCTILE IRON PIPE FITTINGS, CLASS 52, WITH MECHANICAL JOINTS...
8.3 VALVE VAULT FRAMES AND LIDS: FRAMES AND LIDS FOR VALVE VAULTS SHALL CONFORM TO EAST JORDAN CASTING NO. 1020...
8.4 FIRE HYDRANT ASSEMBLY: FIRE HYDRANTS SHALL HAVE A 6-INCH DIAMETER BARREL AND SHALL BE OF THE TYPE STANDARD WITH THE CITY WHICH ARE LIMITED TO MUELLER, CLOW OR WATEROUS...

9. RESTORATION AND LANDSCAPING

- 9.1 ALL EXCAVATED MATERIALS FOR CURBS OR WALKS TO BE REMOVED FROM SITE, THIS SPOIL IS NOT TO BE USED AS BACKFILL.
9.2 CUT EDGE OF EXCAVATION AWAY TO ALLOW FOR PROPER COMPACTION.
9.3 BACKFILL ALL OVER-DUG OR EXCAVATED AREAS MANUALLY OR MECHANICALLY WITH PULVERIZED TOPSOIL...

- 9.5 MANUALLY FEATHER PULVERIZED TOPSOIL INTO EXISTING GRADES BEHIND NEW CURBS OR WALKS OR BOTH SIDE OF EXCAVATION FOR PUBLIC IMPROVEMENTS APPROXIMATELY 2" TO 4" FEET IN FRONT OF AND BEHIND OR AS DIRECTED TO CREATE A SMOOTH AND CONSISTENT MAINTAINABLE SURFACE.
9.6 SEED BLENDS:
A) LOW SALT IMPACT AREAS: 50% EQUAL QUANTITIES OF 2 VARIETIES OF IMPROVED KENTUCKY BLUE GRASS (98/85) 50% EQUAL QUANTITIES OF 2 VARIETIES OF TURF TYPE PERENNIAL RYE GRASS (98/90)
B) HIGH SALT IMPACT AREAS: USE CLASS 10 SALT TOLERANT "I.D.O.T." BLEND WITH 1/2 RATE OF LOW SALT IMPACT AREA BLEND
9.7 SEED TO BE INSTALLED EVENLY AT A RATE OF 6-8 LBS. PER 1000 SQ. FT. THIS MAY BE ACCOMPLISHED MECHANICALLY OR MANUALLY...

10. EROSION & SEDIMENT CONTROL CONST.

- 10.1 UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.
10.2 THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
10.3 A COPY OF THE APPROVED SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
10.4 PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE KDSWCD.
10.5 THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.
10.6 DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS, DEWATERING DIRECTLY INTO FIELD TILES OR STORMWATER STRUCTURES IS PROHIBITED.
10.7 ALL EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND AFTER EACH 1/2" RAIN EVENT.
10.8 IN AREAS WHERE WORK IS COMPLETE, PERMANENT STABILIZATION SHALL OCCUR WITHIN 7 DAYS OF COMPLETION, IN AREAS WHERE WORK HAS TEMPORARILY CEASED FOR 21 DAYS OR MORE, TEMPORARY STABILIZATION SHALL OCCUR BY THE 14TH DAY AFTER WORK HAS CEASED.

GENERAL NOTES:

- 1. THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND ARE NOT GUARANTEED TO BE INCLUSIVE, THIS INFORMATION REPRESENTS ONLY THE OPINION OF THE LANDSCAPE ARCHITECT AND THE ENGINEER AS TO THE LOCATION AND ELEVATIONS OF THESE UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDERS. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING OPERATIONS SO AS NOT TO DAMAGE THEM. EACH CONTRACTOR AND SUBCONTRACTOR SHALL OBTAIN FROM RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION RELATIVE TO THE LOCATION AND ELEVATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR REMOVING AND ADJUSTING THEM, PRIOR TO EXCAVATING, THE CONTRACTOR SHALL CONTACT JOINT UTILITY LOCATIONS FOR EXCAVATORS (JULLEJ) AT 1-800-892-0123.
2. CONTRACTOR MUST HAND DIG AT LOCATION SENSITIVE AREAS FOR UTILITIES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITY AND MUST REPLACE DAMAGED UTILITIES AT THEIR OWN COST.
3. THE CONTRACTOR MUST FURNISH, INSTALL AND MAINTAIN CONSTRUCTION FENCE BARRIERS AT THE WORK AREA AND/OR AROUND EXISTING TREES TO REMAIN AS SHOWN. THE CONSTRUCTION FENCE LOCATION SHOULD COINCIDE WITH THE LIMITS OF CONSTRUCTION WHERE SHOWN. THIS FENCE MAY BE TAKEN DOWN PERIODICALLY TO AID IN CERTAIN CONSTRUCTION TASKS, HOWEVER MUST BE RE-ERECTED AT THE END OF EACH WORKING DAY. THE CONTRACTOR MUST KEEP THE CONSTRUCTION SITE SECURE AT ALL TIMES DURING CONSTRUCTION.
4. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS AFFECTING THE WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION THE CONTRACTOR MUST VERIFY THE LANDSCAPE ARCHITECT AND ENGINEER'S LINE AND GRADE STAKES. IF THERE ARE ANY DISCREPANCIES WITH WHAT IS SHOWN ON THE CONSTRUCTION PLANS, THE CONTRACTOR MUST IMMEDIATELY REPORT EACH VARIATION TO THE LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH ANY WORK; OTHERWISE THE CONTRACTOR WILL ASSUME FULL RESPONSIBILITY FOR EACH VARIATION. IN THE EVENT OF DISAGREEMENT BETWEEN CONSTRUCTION PLANS, SPECIFICATIONS AND/OR DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE LANDSCAPE ARCHITECT PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY THE DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT, QUESTIONS OR AMBIGUITIES ARISING WITH RESPECT TO THE INTENT OF THE CONSTRUCTION DOCUMENTS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.

COMPLIANCE WITH LOCAL ORDINANCES ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BY IN ACCORDANCE WITH THE LOCAL AUTHORITY'S ORDINANCE AND STANDARDS.

- 5. ALL CONTRACTORS SHALL KEEP ACCESS AVAILABLE AT ALL TIMES FOR ALL TYPES OF TRAFFIC. AT NO TIME SHALL ACCESS BE DENIED TO ADJACENT HOMES OR INSTITUTIONS.
6. THE ENGINEER SHALL NOT HAVE CONTROL OVER, OR BE LEFT IN CHARGE OF WORK IN PROGRESS AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, TECHNIQUES SEQUENCE OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, SINCE THESE ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY UNDER THIS CONTRACT FOR CONSTRUCTION. THE ENGINEER SHALL NOT HAVE CONTROL OVER OR CHARGE OVER THE CONTRACTOR, SUBCONTRACTOR OR THEIR AGENTS. COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL RULES & CODES IS AND SHALL REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
7. ALL WORK SHALL COMPLY WITH THE CURRENT REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT.
8. EACH CONTRACTOR SHALL DO ALL NECESSARY CUTTING, FITTING AND PATCHING OF HIS OWN WORK. EACH CONTRACTOR SHALL ALSO INCLUDE REMOVAL AND ALTERATION OF NEW OR EXISTING WORK AS REQUIRED FOR DELIVERING A COMPLETE, SATISFACTORY CONNECTIONS AND INSTALLATIONS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MATCHING, RESTORING AND FINISHING ALL ADJOINING SURFACES AND CONSTRUCTION AFFECTED BY HIS WORK. COST FOR THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
9. WHEN APPLICABLE, TEMPORARY PARTITIONS AND CONSTRUCTION BARRIERS SHALL BE ERECTED TO PROTECT THE PUBLIC, BUILDINGS OR STRUCTURES AND TO PROVIDE GENERAL SECURITY OF THE SITE.
10. ALL WORK UNDER THIS CONTRACT SHALL BE ACCOMPLISHED, DELIVERED AND READY FOR THE INTENDED USE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ALL FAULTY MATERIALS AND ANY SUB-STANDARD WORKMANSHIP AT HIS EXPENSE. CONTRACTOR SHALL REMEDY ANY SUCH DEFECTS FOUND UNACCEPTABLE THERE TO AND SHALL PAY FOR DAMAGES TO OTHER AREAS RESULTING FROM SAID WORK, WHICH SHALL APPEAR AND BECOME EVIDENT TO THE OWNER AND/OR THE LANDSCAPE ARCHITECT FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE OF WORK UNDER THIS CONTRACT.

LANDSCAPE GENERAL NOTES:

- 1. ALL PLANT MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK AS PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION, 230 SOUTHERN BUILDING, WASHINGTON DC 20005 (ANSI Z60.1).
2. THE CONTRACTOR SHALL PLANT TREES AND SHRUBS AFTER THE FINAL GRADES HAVE BEEN ESTABLISHED AND PRIOR TO PLANTING OF LAWNS.
3. PRUNE BROKEN OR CROSS BRANCHING PLANTING WHERE REQUIRED, DO NOT REMOVE LEADERS. ALL PRUNING SHALL BE PERFORMED BY A CERTIFIED ARBORIST.
4. ALL PLANT MATERIALS SHALL BE INSTALLED IN PLANTING AREAS AS PER THE DRAWINGS AND SPECIFICATIONS. ANY PLANTING AREA FOUND TO BE NON-COMPLIANT SHALL BE REMOVED AND REPLANTED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
5. THE ENGINEER RESERVES THE RIGHT TO REJECT PLANTING MATERIAL ON SITE WHETHER STOCK-PILED OR PLANTED IN PLACE. REJECTED MATERIAL SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND REPLACED WITH ACCEPTABLE PLANT MATERIAL AT NO ADDITIONAL EXPENSE TO THE OWNER.
6. IN THE EVENT OF ANY DISCREPANCIES BETWEEN THE PLANS AND THE PLANT LIST, THE PLANT LIST SHALL GOVERN THE INTENT OF MATERIALS SELECTED. CONTRACTOR MUST NOTIFY LANDSCAPE ARCHITECT OF DISCREPANCIES PRIOR TO PROCEEDING.
7. FINE GRADE, FERTILIZE AND INSTALL SOD AROUND ALL DISTURBED AREAS WITHIN THE CONSTRUCTION LIMITS AS INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL TAKE NECESSARY MEASURES TO ASSURE ALL AREAS ARE CAPABLE OF PROPERLY DRAINING COMPLETELY AND THAT THERE ARE NO AREAS SUBJECT TO POND OR PUDDLE CONDITIONS. THE CONTRACTOR SHALL PROVIDE MINIMUM OF 6 INCHES OF TOP SOIL (SEE SPEC) OVER NEW TURF AREAS. PLACEMENT OF NEW SOIL SHOULD INCLUDE A REASONABLE ALLOWANCE FOR SETTLEMENT.
8. ANY LAWN OR PLANTING AREAS OUTSIDE OF THE CONSTRUCTION LIMITS THAT ARE DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE RESTORED AT THE EXPENSE OF THE CONTRACTOR.
9. THE CONTRACTOR SHALL PROVIDE A CULTIVATED EDGE WHERE PLANTING BEDS MEET TURF AREAS, PROVIDE MULCH AT ALL SHRUB BEDS TO LIMIT LINES INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL FURNISH AND INSTALL A 3 INCH LAYER OF ORGANIC FIBER MATERIAL UNDER ALL TREE PLANTING AND SHRUB BEDS. THE CONTRACTOR SHALL INCLUDE SAMPLES OF SUCH MATERIAL AS PART OF THE REQUIRED SUBMITTAL PROCESS. SEE THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
10. THE CONTRACTOR SHALL KEEP ALL PAVEMENT SURFACES CLEAN AND WORK AREAS IN AN ORDERLY MANNER. EACH TRADE ON THE SITE WILL BE REQUIRED TO CLEAN AND DISCARD ALL CONSTRUCTION RELATED DEBRIS FROM THE WORK AREA AT THE END OF EACH DAY.
11. THE CONTRACTOR SHALL PROTECT ALL WORK SURFACES FROM DAMAGES BY OTHERS UNTIL HIS WORK IS COMPLETE AND ACCEPTED BY THE ENGINEER.
12. ALL PLANT MATERIAL SHALL BE FULLY GUARANTEED FOR A PERIOD OF NOT LESS THAN ONE YEAR AFTER THE DATE OF ACCEPTANCE BY THE OWNER, UNHEALTHY OR EXPIRED PLANT STOCK SHALL BE REPLACED AS SOON AS CONDITIONS PERMIT AT NO ADDITIONAL EXPENSE.
13. SUBSTITUTIONS OF PLANT MATERIAL DUE TO AVAILABILITY OF MATERIALS SPECIFIED SHALL BE APPROVED BY THE ENGINEER. ALL SUBSTITUTED PLANT MATERIALS SHALL BE APPROVED EQUAL TO OR LARGER THAN THE ITEMS SPECIFIED ON THE PLANT LIST.
14. ALL MULCH SHOULD BE OBTAINED FROM AN APPROVED SOURCE AND BE FREE FROM CONTAMINANTS AND SPECIAL PRECAUTION SHOULD BE TAKEN TO INSURE THAT IT IS FREE FROM INFESTATION BY ASH BORER OR SIMILAR.
15. TRIMMING, SAWING AND REMOVAL OF LANDSCAPE MATERIALS AS NOTED ON THE PLANS AND REQUIRED BY THE ENGINEER SHALL BE INCLUDED IN THE COST OF THE ITEMS) BEING REMOVED. REQUEST FOR ADDITIONAL COMPENSATION TO COMPLETE SUCH WORK WILL BE DENIED FOR APPROVAL BY THE ENGINEER.
16. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIR AND RESTORATION OF EXISTING SOD AREA TO REMAIN DURING CONSTRUCTION AT ALL PROJECT SITES. THIS WORK WILL BE COMPLETED AT NO ADDITIONAL EXPENSE TO THE OWNER.

CONSTRUCTION PLAN GENERAL NOTES:

- 1. EXISTING TOPOGRAPHY, AS WELL AS EXISTING AND PROPOSED SPOT ELEVATIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING WITH WORK, PROVIDE IMMEDIATE WRITTEN NOTICE OF ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT.
2. THE CONTRACTOR SHALL TAKE NECESSARY MEASURES TO PROTECT THE FLOW OF ALL DRAINAGE STRUCTURES TO REMAIN FROM CONSTRUCTION DEBRIS WITHIN THE PROJECT LIMITS OF THIS CONTRACT. THIS PROTECTION SHALL NOT HINDER OR OBSTRUCT THE NORMAL USE OF EACH STRUCTURE THROUGH OUT THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL REMOVE ANY ACCUMULATED DEBRIS AT THE END OF EACH WORK DAY AND SHALL INSPECT, CLEAN AND RESTORE EACH BASIN TO ITS NORMAL OPERATING CONDITION AT THE COMPLETION OF THE PROJECT. THIS WORK WILL BE A PART OF THE GENERAL CONTRACTORS BASE BID AND CONSIDERED INCIDENTAL TO THE CONTRACT. CONTRACT MODIFICATIONS TO PERFORM THIS WORK WILL NOT BE CONSIDERED.
3. THE CONTRACTOR SHALL ADHERE TO THE LANDSCAPE RESTORATION LIMITS OF THE PROJECT SCOPE. ANY WORK COMPLETED BEYOND THE PROJECT SCOPE WILL NOT BE PAID FOR UNDER THIS CONTRACT UNLESS APPROVED BY THE LANDSCAPE ARCHITECT AND/OR APPROVED BY THE OWNER. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIR AND RESTORATION OF CURBS AND WALKS AT ALL SITE ACCESS LOCATIONS. THIS WORK WILL BE COMPLETED AT NO ADDITIONAL EXPENSE TO THE OWNER.
4. ALL FRAMES AND GRATES DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
5. A SMOOTH TRANSITION SHALL BE PROVIDED BETWEEN NEW AND EXISTING CONSTRUCTION, DIFFERENT PHASES OF CONSTRUCTION, AND TEMPORARY CONSTRUCTION.
6. ELEVATIONS OF THE SEWER LINES AND THEIR LOCATIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS. PROPOSED DRAINAGE ELEVATIONS AND GRADES MAY BE REVISED TO MEET FIELD CONDITIONS.
7. THE CONTRACTOR SHALL EXCAVATE, BACKFILL, COMPACT, GRADE, AND SHAPE THE SUBGRADE AS DEPICTED IN THE PLAN. HE SHALL IMPORT ADDITIONAL SUBSOIL, OR EXPORT EXCESS SUBSOIL AS NECESSARY. COST FOR IMPORTING/EXPORTING SUBSOIL SHALL BE INCLUDED IN THE BID LINE ITEM FOR GRADING AND EXCAVATION.
8. NO EXCAVATING, BACKFILLING, OR GRADING BENEATH TREE DRIP-LINE WILL BE PERMITTED UNLESS SPECIFICALLY DIRECTED BY THE LANDSCAPE ARCHITECT.
9. ELEVATIONS OF TOPS OF FOOTINGS SET IN SAND OR MULCH AREAS, SHALL BE THE SAME AS THE BOTTOM OF MULCH SURFACES OR TOP OF SUB GRADE, ROUND THE TOP EDGES OF ALL FOOTINGS FOR SAFETY.

CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500

Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, DATE

Table with columns: REVISED, DATE

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, SPECIFICATIONS AND LANDSCAPE NOTES

SCALE: NTS SHEET 3 OF 88 SHEETS STA. TO STA.

Table with columns: F.A.D. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. 63763