

**GENERAL**

- EXISTING SITE TOPOGRAPHY, UTILITIES, AND HORIZONTAL CONTROL SHOWN ON THE DRAWINGS WERE FIELD MEASURED BY COMPASS SURVEYING LTD., DATED 11/5/2013. UNDERGROUND UTILITY LOCATIONS ARE BASED ON BEST AVAILABLE INFORMATION. TRADE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITY LOCATIONS, INVERTS, RINGS, PIPE SIZE, MATERIAL TYPE, ETC. PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
- ELEVATIONS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAVD 88 DATUM.
- THE TRADE CONTRACTOR SHALL SUBSCRIBE TO ALL GOVERNING REGULATIONS AND SHALL ABIDE BY THE REQUIREMENTS OF ALL APPLICABLE PERMITS.
- ALL APPLICABLE PROVISIONS OF THE CURRENT OCCUPATIONAL HEALTH AND SAFETY ACT ARE HEREIN INCORPORATED BY REFERENCE.
- NO BURNING OR INCINERATION OF RUBBISH IS PERMITTED ON THE SITE.
- STREET AND DRIVEWAY PAVEMENT SHALL BE PROTECTED FROM DAMAGE, ANY DAMAGE SHALL BE REPAIRED PER THE VILLAGE OF DOWNERS GROVE REQUIREMENTS. MATERIALS AND WORKMANSHIP OF REPAIRS SHALL CONFORM TO THE "DOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS (LATEST EDITION), THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS (LATEST EDITION)", HEREIN AFTER REFERRED TO AS "STANDARD SPECIFICATIONS" AND THE VILLAGE OF DOWNERS GROVE REQUIREMENTS.
- THE "DEVELOPMENT REGULATIONS", LATEST EDITION, AS ADOPTED BY THE VILLAGE OF DOWNERS GROVE, ILLINOIS, HEREIN AFTER REFERRED TO AS THE "DEVELOPMENT REGULATIONS" INCLUDING ALL VILLAGE STANDARD DETAILS AND SPECIFICATIONS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION) AND THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS (LATEST EDITION)" PREPARED BY ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT), HEREIN AFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"; AND ILLINOIS ENVIRONMENTAL PROTECTION AGENCY ILLINOIS URBAN MANUAL, LATEST EDITION, AND "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", HEREIN AFTER REFERRED TO AS "ISPE STANDARDS" SHALL GOVERN THE CONSTRUCTION OF THESE IMPROVEMENTS EXCEPT AS MODIFIED BY THE CONTRACT DOCUMENTS.
- ALL CONNECTIONS TO EXISTING UTILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REGULATIONS OF THE VILLAGE OF DOWNERS GROVE, ILLINOIS AND THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, HEREIN AFTER REFERRED TO AS ISPE STANDARDS.
- ALL FACILITIES OR LANDSCAPING DAMAGED DURING CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION BY THE RESPONSIBLE TRADE CONTRACTOR.
- PROPOSED ELEVATIONS INDICATE FINISHED GRADES. FOR SUBGRADE ELEVATIONS, ALLOW FOR THICKNESS OF PROPOSED PAVING OR TOPSOIL THICKNESS.
- THE TRADE CONTRACTOR SHALL NOTIFY THE VILLAGE OF DOWNERS GROVE, ILLINOIS 48 HOURS BEFORE THE COMMENCEMENT OF CONSTRUCTION.
- SHOULD THE TRADE CONTRACTOR ENCOUNTER FIELD DRAINAGE TILE NOT SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY CONTACT ENGINEER AND THE VILLAGE OF DOWNERS GROVE FOR INSTRUCTIONS. SHOULD THE ENGINEER OR VILLAGE OF DOWNERS GROVE INSTRUCT THAT DAMAGED FIELD TILES BE RESTORED TO THEIR ORIGINAL CONDITION, THAT REPAIR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. THE LOCATION OF FOUND DRAINAGE TILE SHALL BE INDICATED ON THE RECORD DRAWINGS.
- ALL TRENCHES SHOULD FOLLOW THE VILLAGE OF DOWNERS GROVE STANDARD DETAILS INCLUDED IN THE CIVIL DETAILS. TRENCHES ARE TO BE BACKFILLED WITH TRENCH BACKFILL AND COMPACTED TO 95% MODIFIED PROCTOR DENSITY, AS REQUIRED BY THE VILLAGE OF DOWNERS GROVE AND THE ISPE STANDARDS.
- TRADE CONTRACTOR IS RESPONSIBLE FOR CALLING J.U.L.I.E. AT 1-800-892-0123 OR 811 AND NOTIFYING THE CONSTRUCTION MANAGER AT LEAST 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION; CONTRACTOR IS RESPONSIBLE FOR MAINTAINING UTILITY MARKINGS THROUGHOUT CONSTRUCTION.
- ALL DIMENSIONS, CURB RADII AND ELEVATIONS REFER TO THE BACK OF CURB WHERE CURB IS SHOWN. COORDINATES ARE TO BACK OF CURB, CENTER OF STRUCTURES OR AS SHOWN.
- WHERE PAVEMENT, CURB OR SIDEWALK REMOVAL IS REQUIRED, THE TRADE CONTRACTOR SHALL SAW CUT THE BOUNDARIES OF THE AREA TO BE REMOVED PRIOR TO DEMOLITION.
- TRADE CONTRACTOR IS RESPONSIBLE FOR LAYOUT, LINE AND GRADE FOR ITEMS INCLUDED IN THE CONTRACT SCOPE OF WORK, CONTRACTOR TO USE CAD FILES AS PROVIDED BY THE ENGINEER FOR GEOMETRIC LAYOUT.
- TRADE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE PUBLIC STREET CLEAN OF DEBRIS.
- "BAND SEAL" JOINTS WITH STAINLESS STEEL STRAPS AND BOLTS SHALL BE USED WHEN CONNECTING DISSIMILAR MATERIALS.
- ALL EXISTING UTILITY STRUCTURES SHALL BE ADJUSTED AS NECESSARY TO MATCH FINISH GRADE. ALL EXISTING UTILITY STRUCTURES REQUIRING ADJUSTMENT OR RECONSTRUCTION SHALL BE COMPLETED BY THE CONTRACTOR TO THE SATISFACTION OF THE UTILITY OWNER. ADJUSTMENTS AND/OR RECONSTRUCTIONS NOT CALLED FOR ON THE PLANS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT, NO MORE THAN A TOTAL OF 12 INCHES OF ADJUSTING RINGS AND/OR 2 ADJUSTING RINGS SHALL BE ALLOWED.
- IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT IN LOCATION AND/OR ELEVATION WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND CONSTRUCTION MANAGER SO THAT THE CONFLICT MAY BE RESOLVED.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL AS-BUILT SURVEYS. ALL AS-BUILT SURVEYS SHALL BE COMPLETED BY A PROFESSIONAL LAND SURVEYOR AND BE SIGNED AND SEALED. THE CONTRACTOR SHALL SUBMIT TWO SETS OF THE "AS-BUILT" FINAL ENGINEERING DRAWINGS (I.E. RECORD DRAWINGS) AND STORMWATER MANAGEMENT CALCULATIONS UPON COMPLETION OF IMPROVEMENTS AND INCLUDE ELECTRONIC AND CAD FILES. THE RECORD DRAWINGS SHOULD AT LEAST INCLUDE THE FOLLOWING INFORMATION: AS-BUILT DETENTION CONTOURS, ELEVATIONS (INCLUDING DETENTION BASIN TOP OF BERM AND OVERFLOW WEIR GRADES) AND VOLUME (VERIFIED, SIGNED, & SEALED BY A PROFESSIONAL ENGINEER (PE) OR PROFESSIONAL SURVEYOR (PLS)); ELEVATION, AND LOCATION (TIES TO TWO POINTS) OF ALL NEW STRUCTURES INCLUDING FIRE HYDRANTS, VALVE BOXES AND VAULTS, LINESTOP SLEEVES, WATER SERVICE CORPORATION STOPS, WATER MAIN FITTINGS/BENDS, MANHOLES, SANITARY SERVICE WYES (MEASURED FROM DOWNSTREAM MANHOLE), ALL STORM SANITARY SEWER STRUCTURES (INCLUDING INVERTS AND PIPE SIZES), ALL PIPES (LOCATIONS, SLOPES, LENGTHS, ETC.), OUTLET CONTROL STRUCTURES (INCLUDING RESTRICTOR SIZES AND ELEVATIONS PLUS TOP OF WALL) AND ABANDONED WATER OR SANITARY SERVICE LINES, DETAILED TOPOGRAPHIC SURVEY OF ALL HIGH POINTS, LOW POINTS, CHANGES OF SLOPE INCLUDING GUTTER GRADES, TOP OF CURB GRADES, PAVEMENT GRADES, SIDEWALK GRADES, RAMP GRADES, ETC. TO VERIFY POSITIVE DRAINAGE. ALL ELEVATIONS SHOULD BE REFERENCED TO THE SAME BENCHMARK DATUM AS THE ORIGINAL DESIGN PLANS. HORIZONTAL TIES SHALL BE REFERENCED TO LOT LINES, BACK OF CURB, OR PROPERTY CORNERS, WITHIN DETENTION/BMP AREAS; FOR VERIFICATION OF DETENTION VOLUME AND SUBBASE GRADES, PRIOR TO BACK FILLING WITH CA-2, THE CONTRACTOR SHALL PROVIDE ENGINEER WITH A CERTIFIED TOPO SURVEY OF AS-BUILT SUBBASE GRADES PRIOR TO ENGINEER APPROVAL AND ALSO A COPY OF RECEIPT OF THE CA-1 AGGREGATE.
- EMERGENCY VEHICLE ACCESS IS TO BE MAINTAINED THROUGHOUT DURATION OF PROJECT. VEHICLE ACCESS IS TO BE CLEARLY MARKED. ANY ALTERATION OF EMERGENCY VEHICLE ROUTE OR ACCESS IS TO BE APPROVED BY THE VILLAGE OF DOWNERS GROVE, ILLINOIS.  
  
 VILLAGE CONTACT INFORMATION:  
 VILLAGE OF DOWNERS GROVE PUBLIC WORKS  
 5101 WALNUT AVENUE  
 DOWNERS GROVE, IL  
 630-434-5461  
 CONTACT: ANDY SIKICH, DIRECTOR OF PUBLIC WORKS
- TWO HARD COPIES OF AN AS-BUILT FINAL GRADING SURVEY MUST BE SUBMITTED PRIOR TO SCHEDULING THE FINAL STORMWATER/RIGHT-OF-WAY INSPECTION FOR THE PROJECT. AS APPLICABLE, IT SHALL INCLUDE, BUT IS NOT LIMITED TO THE ITEMS LISTED IN SECTION 26.700.C OF THE DOWNERS GROVE MUNICIPAL CODE, BEFORE THE PERMIT CAN BE CLOSED, AN ELECTRONIC COPY OF THE APPROVED AS-BUILT GRADING SURVEY IS REQUIRED.
- A FINAL INSPECTION IS REQUIRED AFTER THE WORK IS COMPLETE AND THE SITE IS STABILIZED (GRASS GROWING WITH 70% COVERAGE OR SOD/PLANTS/MULCH PLACED). CALL COMMUNITY DEVELOPMENT AT 630-434-5529 TO SCHEDULE AT LEAST 48 HOURS IN ADVANCE. AS-BUILT DRAWINGS WILL BE REQUIRED AT THAT TIME.

**TRAFFIC CONTROL**

- THE TRADE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL (IDOT STANDARD 701006) AT ALL TIMES WHEN ANY VEHICLES, EQUIPMENT, WORKER, OR ACTIVITY ENCRACH ADJACENT ROADWAYS FROM 15 FEET TO THE EDGE OF PAVEMENT, THE TRADE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL (IDOT STANDARD 701501) WHEN ACTIVITY ENCRACHES THE EDGE OF PAVEMENT FOR THESE ROADS.
- IF THE OPERATION IS 15 FEET OR MORE, OFF THE EDGE OF PAVEMENT, NO SIGNING WILL BE REQUIRED UNLESS TWO OR MORE VEHICLES CROSS THE 15 FOOT CLEAR ZONE IN ONE HOUR
- WHEN WORKING WITHIN 2 FEET OF THE PAVEMENT EDGE, CONES, DRUMS, OR BARRICADES SHALL BE PLACED ACCORDING TO THE STANDARD 701101 REQUIREMENTS.
- CONTRACTOR MUST FOLLOW ALL VILLAGE OF DOWNERS GROVE AND DUPAGE COUNTY DEPARTMENT OF TRANSPORTATION REQUIREMENTS FOR TRAFFIC CONTROL.

**STORM SEWER**

- CONTRACTOR TO FOLLOW ALL VILLAGE OF DOWNERS GROVE REQUIREMENTS.
- ALL STORM STRUCTURES AND SEWERS ARE TO BE CLEANED PRIOR TO FINAL ACCEPTANCE. THE TRADE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING SEDIMENT FROM THE STORM SEWER STRUCTURES AND PIPES DURING CONSTRUCTION AND UNTIL 90% OF VEGETATION IS ESTABLISHED.
- MANHOLES, CATCH BASINS, INLETS, BEDDING AND TRENCH BACKFILL SHALL CONFORM TO THE CONSTRUCTION DETAILS, STANDARD SPECIFICATIONS AND ISPE SPECIFICATIONS.
- PVC SEWERS SHALL BE SDR 26 (MIN) CONFORMING TO ASTM 4-3034 WITH JOINTS CONFORMING TO ASTM D-3212 FOR SIZES 4" TO 15".

**EARTHWORK**

- ALL AREAS SHALL BE CLEARED AND TILLED IN PREPARATION TO RECEIVE SEED. REFER TO SPECIFICATIONS FOR REQUIREMENTS.
- THE TRADE CONTRACTOR SHALL APPLY FERTILIZER AND SEED TO ALL DISTURBED AREAS. AS NOTED ON THE CONSTRUCTION DRAWINGS, TRADE CONTRACTOR SHALL APPLY FERTILIZER AND SEED USING THE HYDROSEED METHOD. FERTILIZER AND SEED QUANTITIES AND SEEDING PROCEDURES SHALL CONFORM TO THE SPECIFICATIONS.
- THE TRADE CONTRACTOR WILL INSPECT THE SEEDED AREAS AFTER SEEDING. TO RECEIVE FINAL ACCEPTANCE, SEEDED AREAS MUST SUPPORT DENSE, THRIVING GRASSES SUFFICIENT TO PROTECT THE SOIL FROM EROSION IN A MODERATE RAINFALL AREAS THAT, IN THE OPINION OF THE OWNER & ENGINEER, DO NOT MEET THIS REQUIREMENT, MUST BE IMMEDIATELY RESEED. REFER TO SPECIFICATIONS FOR ALL REQUIREMENTS.
- TOPSOIL FOR RESTORATION AREAS SHALL COMPLY WITH THE STANDARD SPECIFICATIONS. TOPSOIL MAY BE SALVAGED FROM THE SITE AND STOCKPILED FOR REUSE WHEN ALL WORK IS COMPLETED, ADDITIONAL TOPSOIL REQUIRED TO COMPLETE THE JOB SHALL BE OBTAINED FROM OFF-SITE SOURCES AT THE TRADE CONTRACTOR'S EXPENSE. SALVAGED TOPSOIL SHALL BE SUBJECT TO THE ENGINEER'S APPROVAL AND WILL BE REJECTED IF NOT CLEAN, UNCONTAMINATED MATERIAL.
- THE CROWNS AND ROOT OF TREES WHICH ARE TO BE PRESERVED IN THE PROJECT AREA, BUT WHICH COULD BE NEGATIVELY AFFECTED DURING THE CONSTRUCTION PROCESS, SHALL BE PRUNED BY A QUALIFIED ARBORIST ACCORDING TO THE TREE PRUNING STANDARDS SET BY ANSI Z100 CODE.
- POROUS GRANULAR EMBANKMENT, SUBGRADE

THIS WORK CONSISTS OF FURNISHING, PLACING, AND COMPACTING POROUS GRANULAR MATERIAL AS DIRECTED BY THE ENGINEER. POROUS GRANULAR EMBANKMENT SHALL CONSIST OF CA-1 AGGREGATE CAPPED WITH A 3 INCHES NOMINAL THICKNESS TOP LIFT OF CA-8 CAPPING AGGREGATE. THE MATERIAL SHALL BE USED AS A BRIDGING LAYER OVER SOFT, PUMPY, AND LOOSE SOIL AND SHALL CONFORM.

THE POROUS GRANULAR MATERIAL SHALL BE PLACED IN ONE LIFT WHEN THE TOTAL THICKNESS TO BE PLACED IS 2 FEET OR LESS OR AS DIRECTED BY THE ENGINEER. EACH LIFT OF THE POROUS GRANULAR MATERIAL SHALL BE ROLLED WITH A VIBRATORY ROLLER MEETING THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS TO OBTAIN THE DESIRED KEYING OR INTERLOCK AND COMPACTION. THE ENGINEER SHALL VERIFY THAT ADEQUATE KEYING HAS BEEN OBTAINED.

CONSTRUCTION EQUIPMENT NOT NECESSARY FOR THE COMPLETION OF THE REPLACEMENT MATERIAL WILL NOT BE ALLOWED ON THE UNDERCUT AREAS UNTIL COMPLETION OF THE RECOMMENDED THICKNESS OF THE POROUS GRANULAR EMBANKMENT SUBGRADE.

FULL DEPTH SUBGRADE UNDERCUT SHOULD OCCUR AT LIMITS DETERMINED BY THE ENGINEER. A TRANSITION SLOPE TO THE FULL DEPTH OF UNDERCUT SHALL BE MADE OUTSIDE OF THE UNDERCUT LIMITS AT A TAPER OF 1 FOOT LONGITUDINAL PER 1 FOOT DEPTH BELOW THE PROPOSED SUBGRADE OR BOTTOM OF THE PROPOSED AGGREGATE SUBGRADE WHEN INCLUDED IN THE CONTRACT.

THIS WORK WILL BE MEASURED FOR PAYMENT IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, WHEN SPECIFIED ON THE CONTRACT, THE THEORETICAL ELEVATION OF THE BOTTOM OF THE AGGREGATE SUBGRADE SHALL BE USED TO DETERMINE THE UPPER LIMIT OF POROUS GRANULAR EMBANKMENT, SUBGRADE. THE VOLUME WILL BE COMPUTED BY THE METHOD OF AVERAGE END AREAS.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR POROUS GRANULAR EMBANKMENT, SUBGRADE WHICH PRICE SHALL INCLUDE THE CAPPING AGGREGATE, WHEN REQUIRED.

THE POROUS GRANULAR EMBANKMENT, SUBGRADE SHALL BE USED AS FIELD CONDITIONS WARRANT AT THE TIME OF CONSTRUCTION.

- SPECIAL EXCAVATION

WORK UNDER THIS ITEM SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS EXCEPT AS HEREIN MODIFIED.

SPECIAL EXCAVATION SHALL INCLUDE THE SATISFACTORY REMOVAL AND OFF-SITE DISPOSAL OF ALL UNSUITABLE MATERIAL BELOW THE SUBGRADE ELEVATION.

AFTER EXCAVATING TO THE REQUIRED SUBGRADE LEVEL, THE ENGINEER & GEOTECH ENGINEER SHALL INSPECT THE SUBGRADE. PRIOR TO PLACING ANY PAVEMENT SECTION MATERIAL, THE EXCAVATION LEVEL OR SUBGRADE LEVEL SHALL BE COMPACTED AND, WHERE POSSIBLE, PROOF ROLLED WITH A 40,000 LB TANDEM AXLE TRUCK BY MAKING AT LEAST 4 PASSES. THE COMPACTING AND PROOF ROLLING WILL DETECT SOFT OR UNSTABLE FPOCKETS OF MATERIAL WHICH SHALL BE REMOVED AND REPLACED AS HEREIN SPECIFIED. THE COMPACTING AND PROOF ROLLING SHALL BE INCIDENTAL TO THE WORK AND NO ADDITIONAL COMPENSATION WILL BE PAID.

IF THE EXISTING SUBGRADE SOIL IS NOT SUITABLE FOR PROVIDING AN IBR SOIL SUPPORT VALUE OF 2, THE TRADE CONTRACTOR SHALL REMOVE THE UNSUITABLE SUBGRADE SOIL BELOW THE PROPOSED SUBGRADE LEVEL TO A DEPTH AS DIRECTED BY THE ENGINEER. COMPACT AND PROOF ROLL THE EXCAVATED AREA. IF UPON PROOF ROLLING THE SUBGRADE IS STILL UNSUITABLE, ADDITIONAL EXCAVATION MAY BE REQUIRED. NO ADDITIONAL COMPENSATION WILL BE MADE REGARDLESS OF THE NUMBER OF TIMES THE AREA IS COMPACTED AND PROOF ROLLED.

CA-1 SHALL BE USED TO BRING THE SUBGRADE TO THE PROPOSED ELEVATION AS INDICATED UNDER THE ITEM POROUS GRANULAR EMBANKMENT, SUBGRADE, POROUS GRANULAR EMBANKMENT, SUBGRADE IS NOT CONSIDERED PART OF THIS ITEM.

THOSE AREAS OF SUBGRADE WHICH ARE NOT OVER EXCAVATED SHALL ALSO BE COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99.

SPECIAL EXCAVATION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER WILL BE MEASURED FOR PAYMENT IN PLACE AND THE VOLUME IN CUBIC YARDS COMPUTED BY THE METHOD OF AVERAGE END AREAS. EXCAVATION IN EXCESS OF THAT AUTHORIZED SHALL NOT BE MEASURED FOR PAYMENT.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT CUBIC YARD FOR SPECIAL EXCAVATION, WHICH PRICE SHALL INCLUDE ALL COSTS ASSOCIATED WITH UNSUITABLE MATERIAL REMOVAL AND LEGAL DISPOSAL, GRADING COMPACTING AND PROOF ROLLING OF SUBGRADE.

- THE OWNER IS REQUIRED TO HAVE A GEOTECHNICAL ENGINEER ON-SITE TO MONITOR EARTHWORK, AND THE GRADING ACTIVITY, IN ORDER TO IDENTIFY UNSUITABLE SOILS FOR REMOVAL FROM THE SITE. CONTRACTOR TO ENSURE REQUIREMENTS ARE MET.

**SEDIMENT AND EROSION CONTROL**

- AN INITIAL SEDIMENTATION AND EROSION CONTROL INSPECTION IS REQUIRED PRIOR TO STARTING CONSTRUCTION. THE APPLICANT IS DIRECTED TO CONTACT THE COMMUNITY DEVELOPMENT DEPARTMENT AT 630-434-5529 TO SCHEDULE THIS INSPECTION; THIS NOTIFICATION SHALL BE AT LEAST 24 HOURS IN ADVANCE OF CONSTRUCTION.
- THE SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE ANY LAND IS DISTURBED ON THE SITE.
- STOCKPILES OF SOIL SHALL NOT BE LOCATED WITHIN ANY DRAINAGEWAYS, FLOODPLAINS, WETLANDS, BUFFERS OR LPDAS.
- 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 COIR ROLL.
- 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.
- STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
- THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN SEVEN (7) DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION.
- WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
- A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED TO PREVENT THE DEPOSITION OF SOIL ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY.
- ALL TEMPORARY EROSION CONTROL MEASURES NECESSARY TO MEET THE REQUIREMENTS OF THE VILLAGE OF DOWNERS GROVE STORMWATER AND FLOOD PLAN ORDINANCE SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION AND CONTROL MEASURES ARE OPERATIONAL.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL STABILIZATION IS ACHIEVED. TRAPPED SEDIMENT AND OTHER DISTURBED SOILS RESULTING FROM TEMPORARY MEASURES SHALL BE PROPERLY DISPOSED OF PRIOR TO PERMANENT STABILIZATION.
- TRADE CONTRACTOR SHALL ABIDE BY EROSION CONTROL MEASURES OUTLINED IN THE "ILLINOIS URBAN MANUAL, LATEST EDITION" BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA).
- SILT FENCING AND OTHER EROSION CONTROL DEVICES SHALL BE INSTALLED BY THE TRADE CONTRACTOR PRIOR TO THE BEGINNING OF CONSTRUCTION ACTIVITIES TO THE LIMITS DELINEATED ON THE PLANS. NO DISTURBANCE OF LAND IS ALLOWED OUTSIDE THE SILT FENCE AND PROJECT LIMITS AS INDICATED ON THE PLANS.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PRACTICES MUST BE INSPECTED WEEKLY AND MAINTAINED. INSPECTIONS SHALL ALSO BE CONDUCTED AFTER RAINFALL EVENT OF 1/2 INCH OR GREATER OR EQUIVALENT SNOW FALL EVENT. IF NECESSARY, REPAIR OR REPLACEMENT MUST BE PERFORMED IMMEDIATELY TO ASSURE EFFECTIVE PERFORMANCE OF THEIR INTENDED FUNCTIONS.
- IF DEWATERING DEVICES ARE USED, DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. ALL PUMPED DISCHARGES SHALL BE ROUTED THROUGH APPROPRIATELY DESIGNED SEDIMENT TRAPS, BASINS, SEDIMENT FILTER BAGS OR EQUIVALENT MEASURES.
- STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OR PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 7 DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA.
- MAJOR AMENDMENTS OF THE SITE DEVELOPMENT OR EROSION AND SEDIMENTATION CONTROL PLANS SHALL BE SUBMITTED TO THE MUNICIPALITY TO BE APPROVED IN THE SAME MANNER AS THE ORIGINAL PLANS.
- THE TRADE CONTRACTOR SHALL STABILIZE THE SIDE SLOPES GREATER THAN 10:1 OR WHERE SHOWN ON THE PLANS BY INSTALLING NORTH AMERICAN GREEN SCI1508N EROSION CONTROL BLANKET, WITHIN 5 DAYS AFTER FINAL GRADE IS ACHIEVED AND FOLLOWING SEEDING WITH THE TEMPORARY SEED MATRIX. THE EROSION CONTROL BLANKET SHALL BE INSTALLED AS REQUIRED BY THE MANUFACTURER'S STANDARDS AND SPECIFICATIONS.
- TEMPORARY STOCKPILES SHALL HAVE A SILT FENCE ERECTED AROUND THE PERIMETER OF THE PILE. IF A PILE IS TO REMAIN IN PLACE FOR MORE THAN 14 DAYS, IT SHALL BE TEMPORARY SEEDED.
- SOIL STOCKPILE LOCATIONS MAY BE LOCATED BY THE CONTRACTOR AS NECESSARY ONSITE AND DO NOT NEED TO MATCH EXACT LOCATION AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN. PROVIDE SILT FENCE AROUND ALL STOCKPILE LOCATIONS. NO STOCKPILES SHALL BE PLACED IN THE PROPOSED DETENTION POND OR BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.
- ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY EXISTING STORM DRAINAGE SYSTEM BY THE USE OF INLET PROTECTIONS/FILTER, ROCK CHECK DAMS OR OTHER APPROVED METHODS. THE TRADE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT RESULTING FROM THIS PROJECT FROM ALL SEWERS AND DRAINAGE STRUCTURES (NO FLUSHING DOWNSTREAM) UNTIL 90% OF VEGETATION IS ESTABLISHED.
- TEMPORARY SEDIMENT BARRIERS, INLET PROTECTION/FILTER PROTECTION, FOR STORM SEWER GRATES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS WITHIN THE PLANS AND THE ILLINOIS URBAN MANUAL.
- THE TRADE CONTRACTOR SHALL PRESCRIBE THE METHODS OUTLINED IN THE ILLINOIS URBAN MANUAL TO CONTROL DUST. ACCEPTABLE MEASURES INCLUDE VEGETATIVE COVER (TEMPORARY SEEDING), MULCH, IRRIGATION, STONE, AND PERMANENT VEGETATION (PERMANENT SEEDING). TEMPORARY DUST CONTROL MEASURES (BY MEANS ACCEPTABLE TO LOCAL AUTHORITIES) SHALL BE APPLIED AS NEEDED TO ACCOMPLISH DUST CONTROL.
- IF AN EXISTING ON-SITE ASPHALT ACCESS IS NOT PRESENT THEN, THE TRADE CONTRACTOR SHALL PROVIDE A CONSTRUCTION ACCESS ROAD CONSTRUCTED OF 100T CA-1 FOR 100 FEET IN LENGTH. THE TRADE CONTRACTOR SHALL MAINTAIN THE ADJACENT ROADS FREE OF MUD AND SEDIMENT AT ALL TIMES. REFER TO THE ILLINOIS URBAN MANUAL STANDARD DRAWING IL-630.
- ALL ACCESS TO AND FROM THE CONSTRUCTION SITE IS TO BE RESTRICTED TO THE CONSTRUCTION ENTRANCE.
- TRADE CONTRACTOR IS RESPONSIBLE FOR KEEPING PUBLIC STREETS CLEAR OF DIRT, DUST, DEBRIS AND MUD ON A DAILY BASIS FOR THE ENTIRE CONSTRUCTION PERIOD BY A MEANS ACCEPTABLE TO LOCAL AUTHORITIES.
- ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY SHOVELING OR STREET CLEANING (NOT FLUSHING) BEFORE THE END OF EACH WORKDAY AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL.
- A SWPPP IS NOT ANTICIPATED FOR THIS DEVELOPMENT SINCE THE DISTURBED AREA IS LESS THAN 1.0 ACRES

**ABBREVIATIONS**

A	ARC LENGTH	MH	MANHOLE
B/C	BACK OF CURB	N.D.I.	NO DISTURB LINE
B-B	BACK-TO-BACK OF CURB	N.I.C.	NOT IN CONTRACT
BIT	BITUMINOUS PAVEMENT	N.W.E.	NORMAL WATER ELEVATION
B.L.	BUILDING LINE	P.I.	POINT OF INTERSECTION
B.M.	BENCH MARK	P.R.C.	POINT OF REVERSE CURVATURE
BRW	BOTTOM OF RETAINING WALL	P.V.C.	POLYVINYL CHLORIDE
B/W	BACK OF SIDEWALK	P.T.	POINT OF TANGENCY
CHDPE	CORRUGATED HIGH DENSITY POLYETHYLENE PIPE	P.L.	PROPERTY LINE
CO	CLEAN OUT	P.C.	POINT OF CURVATURE
C & G	CURB AND GUTTER	P.V.	POINT OF VERTICAL INTERSECTION
C.B.	CATCH BASIN	P.G.	PROFILE GRADE
CP	CONTROL POINT	RCP	REINFORCED CONCRETE PIPE
DWG.	DRAWING	REC.	RECORD DIMENSION
D.I.P.	DUCTILE IRON PIPE	R.O.W.	RIGHT-OF-WAY
DIA.	DIAMETER	RT	RIGHT
D.	DISTANCE	SHT	SHEET
DC	DEPRESSED CURB	S	SLOPE
D.E.	DRAINAGE EASEMENT	STA	STATION
D.V.	DETENTION VOLUME	STMH	STORM MANHOLE
DS	DOWNSPOUT	SAN	SANITARY
ELEV./ EL	ELEVATION	S.M.H.	SANITARY MANHOLE
E/P	EDGE OF PAVEMENT	T.E.	TOP ELEVATION
E.J.	EXPANSION JOINT	T/C	TOP OF CURB
EX.	EXISTING	T.O.P.	TOP OF PIPE
F.G.	FINISH GRADE	T	TELEPHONE
F-F	FACE-TO-FACE OF CURB OR WALL	TRW	TOP OF RETAINING WALL
F/L	FIRE HYDRANT	TYP	TYPICAL
F.H.	FIRE HYDRANT	U.E.	UTILITY EASEMENT
F.E.S.	FLARED END SECTION	V.C.	VERTICAL CURVE
FIP	FOUND IRON PIPE	V.I.T.	VITRIFIED HUB TILE
F/F	FINISHED FLOOR	V.B.	VALVE BOX
GAV	GAS VALVE	V.V.	VALVE VAULT
GF	GRADE AT FOUNDATION	V.C.P.	VITRIFIED CLAY PIPE
G.L.	GUTTER LINE	VER.	VERTICAL
GR	GRADE ELEVATION	W	WATER
GV/VV	GATE VALVE IN VALVE VAULT	WM	WATER MAIN
H/W	HEADWALL		
HOR.	HORIZONTAL		
H.W.E.	HIGH WATER ELEVATION		
I.E. / INV.	INVERT ELEVATION		
IRL	IRIGATION		
IRR.	IRRIGATION		
L	LENGTH		
L.P.	LIGHT POLE		
L.T.	LEFT		
(M)	MEASURED BEARING OR DISTANCE		
M/E	MATCH EXISTING		
M.O.	MID ORDINATE		

**LEGEND**

EXISTING		PROPOSED	
	STORM SEWER		COMBINED SEWER
	SANITARY SEWER		STORM SEWER
	WATER MAIN		SANITARY SEWER
	TELEPHONE		WATER MAIN
	ELECTRICAL		TELEPHONE
	GAS MAIN		ELECTRICAL
	GUARD RAIL		GAS MAIN
	EXISTING FENCE		GUARD RAIL
	STORM MANHOLE		STORM MANHOLE
	CATCH BASIN		CATCH BASIN
	INLET		SANITARY MANHOLE
	FLARED END SECTION		DECIDUOUS TREE
	SANITARY MANHOLE		SIGN
	DECIDUOUS TREE		TELEVISION
	SIGN		ELECTRIC GENERATOR
	TELEVISION		ELECTRIC TRANSFORMER
	ELECTRIC GENERATOR		ELECTRIC METER BOX
	ELECTRIC TRANSFORMER		SILT FENCE
	ELECTRIC METER BOX		FENCE/GATE
	SILT FENCE		
	FENCE/GATE		
	FIRE HYDRANT		FIBER OPTIC CONDUIT
	WATER VALVE VAULT		ELECTRIC LIGHT
	WATER VALVE BOX		CLEANOUT ACCESS
	WATER BUFFALO BOX		FIRE HYDRANT
	WATER METER		WATER VALVE VAULT
	ELECTRIC METER		WATER VALVE BOX
	GAS METER		ELECTRIC MANHOLE
	GAS VALVE		TELEPHONE PEDESTAL
	CLEANOUT		GAS METER
	VILLAGE ELEC. MH		DOWNSPOUT
	COMED ELEC. MH		
	TELEPHONE MH		
	SOIL BORING		
	LIGHT POLE		
	POWER POLE		
	TELEPHONE POLE		



DOWNERS GROVE  
SCHOOL DISTRICT 58



Wight & Company  
wightco.com

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Darien, IL 60561

P 630.969.7000  
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ADDENDUM 1	1/27/2023
ISSUE FOR BID	1/19/2023
PERMIT SET	12/02/22

REV	DESCRIPTION	DATE
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**PIERCE DOWNER  
PLAYGROUND  
IMPROVEMENTS -  
PHASE 2**

1436 GRANT STREET  
DOWNERS GROVE, IL 60515

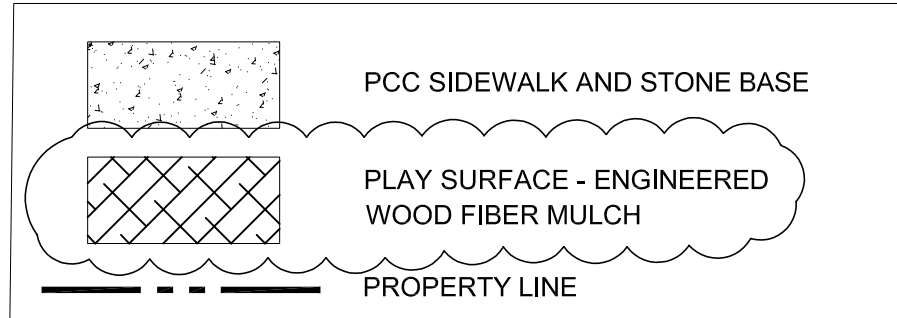
**GENERAL NOTES**

Project Number:  
21013

S:\Darien\Downers Grove SD58\210139\_Pierce Downer Playground\01\11 Drawings\02 CD\PHASE\02 CD\PHASE\L2.00 SITE PLAN PH2.dwg kuck Jan 25, 2023 3:25:34 pm  
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**LEGEND**



**SITE KEY NOTES**

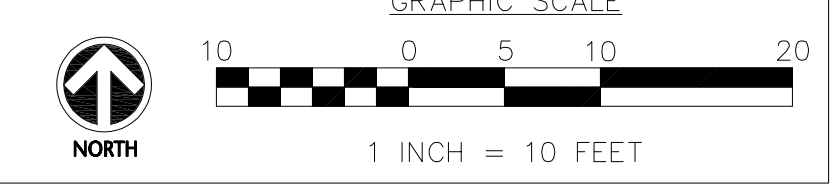
- 1 PLAYGROUND CURB
- 2 THICKENED EDGE CONCRETE
- 3 SCORE JOINT
- 4 PLAYGROUND RAMP
- 5 RELOCATED BUDDY BENCH
- 6 OODLE SWING. PLAY EQUIPMENT PURCHASED BY OWNER AND INSTALLED BY CONTRACTOR.
- 7 MAIN PLAYGROUND STRUCTURE. PLAY EQUIPMENT PURCHASED BY OWNER AND INSTALLED BY CONTRACTOR.
- 8 WE-SAW. PLAY EQUIPMENT PURCHASED BY OWNER AND INSTALLED BY CONTRACTOR.
- 9 BRICK PAVER PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR.

**SITE PLAN NOTES**

1. ALL LAYOUT FOR SITE IMPROVEMENTS SHALL BE COMPLETED BY A PROFESSIONAL LAND SURVEYOR HIRED BY THE CONTRACTOR. LAYOUT SHALL BE COMPLETED USING THE ELECTRONIC CAD FILES PROVIDED BY THE ENGINEER. NO ADDITIONAL PAYMENT WILL BE MADE FOR ADJUSTMENT NECESSARY TO CONSTRUCT THE WORK AS DRAWN.
2. CONTRACTOR SHALL OBTAIN APPROVAL OF LAYOUT FROM THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION. NO ADDITIONAL PAYMENT SHALL BE MADE TO CORRECT WORK IF CONSTRUCTED INCORRECTLY PRIOR TO APPROVAL OF LAYOUT.
3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL LAYOUT MARKINGS. NO ADDITIONAL PAYMENT WILL BE MADE TO REPLACE MARKINGS.
4. ALL DIMENSIONS, CURB RADII, AND ELEVATIONS REFER TO THE BACK OF CURB WHERE CURB SHOWN UNLESS OTHERWISE SHOWN. ALL WALL DIMENSIONS ARE TO THE FACE OF WALL UNLESS OTHERWISE SHOWN. ALL PAVEMENT DIMENSIONS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN. COORDINATES ARE TO THE BACK OF CURB, CENTER OF STRUCTURE, OR AS SHOWN.
5. ALL RADII SHALL BE SMOOTH AND CONTINUOUS AND NOT SEGMENTED. CONTRACTOR TO PROVIDE STAKES A MINIMUM OF EVERY 10 FEET WHERE RADIUS POINTS ARE NOT ACCESSIBLE.
6. ADJUSTMENTS TO STAKE LOCATIONS DUE TO DISCREPANCIES BETWEEN COORDINATES AND DIMENSIONS ARE CONSIDERED INCIDENTAL TO THE WORK.
7. CONTRACTOR RESPONSIBLE TO TAKE DELIVERY, VERIFY CONDITION AND COMPLETENESS, ASSEMBLE AND INSTALL ALL MATERIALS AND FURNISHINGS PER MANUFACTURER'S INSTRUCTIONS.
8. PLACE CONTROL AND EXPANSION JOINTS WHERE INDICATED ON PLANS AND DETAILS FOR CONCRETE WORK. WHERE JOINTS ARE NOT SHOWN, PLACE CONTROL JOINTS IN SPACING TO MATCH PAVEMENT WIDTH OR MAXIMUM OF 10 FEET ON CENTER. EXPANSION JOINTS SHALL BE A MAXIMUM OF 30 FEET ON CENTER AND BETWEEN ALL POURS AND EXISTING CONCRETE OR WALLS.
9. ANY CHANGE TO THE SITE PLAN DURING DESIGN OR IN FIELD DURING CONSTRUCTION MUST BE SUBMITTED IN WRITING TO THE ENGINEER AND VILLAGE OF DOWNERS GROVE.
10. ALL DISTURBED AREAS ON-SITE AND IN THE RIGHT-OF-WAY SHALL BE RESTORED TO EXISTING CONDITION. ALL ITEMS DISTURBED SHALL BE REPLACED INCLUDING ALL LANDSCAPING, CURB, SIDEWALK, PAVEMENT, ETC.
11. ALL EXISTING TREES TO REMAIN AND TO BE PROTECTED UNLESS OTHERWISE NOTED.

CATCH BASIN 4" DIA.  
 TY. A W/ TY. 1 D.L. F&G  
 RIM= 740.76  
 INV= 735.62 (SE, SW)  
 INV= 737.65 (S)

CATCH BASIN  
 RIM= 740.31  
 INV= 736.25 (NE)  
 INV= 736.74 (NE,SE)  
 INV=736.66 (SW)



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**Wight**

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**PIERCE DOWNER  
 PLAYGROUND  
 IMPROVEMENTS -  
 PHASE 2**  
 1436 GRANT STREET  
 DOWNERS GROVE, IL 60515

**SITE PLAN**

Project Number:  
 210139  
 Drawn By:  
 LR  
 Sheet:

**L2.00**



