Lincoln Park

Diversey Artificial Turf Field & Natural Area

August 14, 2019





Agenda







Existing Conditions





Sports Lighting Option 1

- Two light poles on east and west sides of field
- Provides optimum balance of light (best light distribution, compared to other options)
- Reduces shadows on field
- Mitigates light pollution to nearby residences and Lake Shore Drive



RECOMMENDED

Hydrology Investigation and Stormwater Management Strategy



Lake Michigan Water Level



Date

Boring and Infiltration Log Locations



Boring I-01

	NOI	REE	BIN	Q I	NG.	Rubino Engineen 425 Stepard Erivi Elgra, IL 80123 Telephore 647-9 Fac 047-931-196	16, Inc. 13)- (555) 10	L	OG	OF	BOR	ING I	01 Sheet 1 of 1
Rutimo Joh No. Projetti Location Caty, State Client				9 08 erse erse icago sign)	r y Field y Park L Illind Works	is inflitzation Testing i int inte	Dming Metho Sampling Me Harword Typ Baring Locat	hod Hand Auger Nathod (3rsb ype: Automstic atten: 141 // Diversing			WAT Vwhie Upon C Delay	WATER LEVELS*** While Drilling 92 6 Upon Completion 92 7 Detay 104	
stion (test)	(10.0). (0.0)	phin Log	ple Type	mpie keo.	ery (eches)	Station 10A Offset N/A MATERIAL DES	CRIPTION	Clastical	ma per Saveli	sther N	STANDAR TE		Additional
Eest	Der Der	Gra	Sam	16	Renty			15052	SPTB	No	STR A Qu	4GTTN (HE * Op	
				1	12	TOPSOILTEIRCK Sity CLAY			ġ.e	ŵ9.			>>#Onpasic Contant =
				2	12	FILL Black with loan FILL Brown to black same with shells, brinks, and construct	th fines_ with on ditbris		27	36		×	Grapene, General v 155
				a.	TZ.				34	99		×	======================================
				4	12				4.2				- ap
		**	8	Û	-4,-	Hono auger refusal ot appro notes beinv excting grade	minate)(52		12.4				
	- 5					End of bonng at approximate eviding grade	ely 5 Terri Dielcov						
Compl Date B Date B Logge Dnillog	intian I ioring: ioring d By, d Contr	Depth Starte Comp	a	a	5.0 ft 2/100 7/100 J.VV Rubi	r 119 119 119 119 119 119 119 119 119 11	Types. « Cutting Spann Core	Pre-mar Stilllay T Hand Au No Reco	eméter Tube igén avery	Labbu Long/ Dirtl P Bottor	de 41.83) ude -87 (ug Hand A rkty	1985 Gintad Auger and DC	P.

Rubino Engineering, Inc. 425 Shepard Drive Elgin, IL 80128 Telephore: 647-931-1555 Fac: 047-931-1560 rubino LOG OF BORING I-02 ENGINEERING IN Sheet 1 of WATER LEVELS *** Rubine Job No. 1319 681 Liming Method Hand Auger Diversey Fields infiltration Testing Sampling Method Grab Project While Drilling 1,32 Hannor Type: Automatic Locition Diversey Parki Vipon Completion 92 City State: Chicago, Illinois Benny Location: 141 /1 Diversity T Delay Clent Design W Station N/A Offset N/A TANDARD PENETRATION TEST DATA 4 Type I Mointure 12 PL MATERIAL DESCRIPTION Additional Sample 24 Remarks STRENGTH OF A 54 × 00 OPSOIL Bluck sity CLAY Contante Contant -18:31 12 . . . FIEL Black to brown sity lumo 8.0 Transa Contore -16.16 Orpanic Contant -25 Hond auder refusal at approximately 52 94 indites below existing grade End of boning at approximately 5 feet below eventing grade Labbude 41.836713 Completion Dept Sample Types Presumemeter Longtude: -87 635810 Dnll Rig. Hand Auger and DCP Cate Boring Started 2/10/19 Auger Cutting Shilly Tube Date Boring Completed 7/19/19 Splt-Spann Hand Auger Remarket Logged By JW. Ruck Core D No Recovery Eniling Contractor Rubino Engineering, Inc.

Boring I-02



***Please reference the gestectivical report test for specific groundwater 7 deviations recommendations.

GROUNDWATER LEVEL GROUNDWATER LEVEL BORING NUMBER DURING DRILLING UPON AUGER REMOVAL (INCHES BEG*) (INCHES BEG*) 11 in. 11 in. I-01 I-02 16 in. 11 in. I-03 11 in. 11 in.

The strathcaldon lines represent approximate boundaries. The transition may be gradual. "Please reference the gestechnical report text for specific groundwater 7 devaluation recommendations

The strablication lines represent approximate boundaries. The transition may be gradual ***Please en/interce the geotectrical report text for specific groundwater / deviationing recommendations.

BORING NUMBER	DEPTH (INCHES BEG*)	MEASURED RATE OF INFILTRATION (IN/HR)			
I-01	60 in.	1.69 in / hr			
I-02	53 in.	2.53 in / hr			
I-03	60 in.	3.08 in / hr			

Boring I-03



Clean Out Storm Sewer System





Wet Spring Site Photographs May 1, 2019

F





North Side of Natural Area Looking South July 29, 2019

Northeast Side of Natural Area Looking Southwest July 29, 2019



Stormwater Strategy



Artificial Turf Field

LAKE SHORE DRIVE

- A SOCCER & FIELD GOAL POSTS
- B FIELD LIGHT POLE
- C COACH & TEAM AREA
- D MULTIPURPOSE ARTIFICIAL TURF FIELD
- E BLEACHERS

C Dim

- F 12' WIDE CONCRETE PATH
- G 6' WIDE CONCRETE PATH
- H PROPOSED TREES

Natural Area

-

100

-

A

B

B

ala

C

B

- NATURAL AREA BERMS NATURALIZED LOWLAND AREA 8' WIDE WOOD CHIP PATHWAY PROPOSED TREES EXISTING TREES PICNIC LAWN AREA
- G EXISTING BIKE TRAIL

A B

С

D

E

F

H 6' WIDE CONCRETE PATH

Questions