



1200 MEMOREX

PCC PACKAGE

SCOPE OF WORK

THE PROJECT PROPOSES TO DEMOLISH THE EXISTING IMPROVEMENTS ON THE SITE TO CONSTRUCT A FOUR-STORY 472,920 SQUARE FOOT DATA CENTER BUILDING WITH AN ATTACHED SIX-STORY 87,520 SQUARE FOOT ANCILLARY USE OFFICE AND STORAGE COMPONENT, FOR A COMBINED SQUARE FOOTAGE OF 560,440.













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SEPTION		SHEET INDEX			
		SHEET NAME	PCC PACKAGE - 2019.06.05	PCC PACKAGE V2 - 2019.11.13	PCC PACKAGE V3 - 2020.03.01
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1	A-226	OFFICE LEVEL - FLOOR PLANS - MP	·		
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MINISTRUCTURE RESIDENCE ELEMENTS	G-000	COVER SHEET			
MACHINE STREET OF CONSTITUTES		PROJECT INFORMATION			
	H-100	HISTORIC RESOURCE ELEMENTS			
C102 SERTING UTILITY COMETIONS			_	_	_
C-000 STE ACCESS AND SIGNATURE PLAN	U-100				
C210					
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1.23	L-1.0	LANDSCAPE PLANTING PLAN	T .		
2-2	L-1.1	LANDSCAPE PLANTING PLAN	T -		
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LIST					
1.002		LANDSCAPE PLANTING PLAN	\perp		•
1-103		LANDSCAPE PLANTING PLAN			•
L109					
L105					
L-106			_		
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E-100 LEGEND AND ABBREVIATIONS	L-106	PRELIMINARY IRRIGATION PLAN			
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E-102 ELECTRICAL SITE ROUTING PLAN	E-101	MV ONE-LINE	٠.		
	E-103	ELECTRICAL SITE DETAILS	1	-	
		ELECTRICAL SITE LIGHTING PLAN			
		SITE LIGHTING PHOTOMETRICS			
E-106 LUMINAIRE SCHEDULE	E-106	LUMINAIRE SCHEDULE			

1200 Memorex - Santa Clara, CA	and the same of th
Development, Design, and Construction Antic	ipated Milestones
ACTIVITY	DATE
PCC Approval	4/09/2020
CEC CEQA Exemption	12/10/2020
Building Permit Issued	3/12/2021
Demolition Complete	5/24/2021
Grading Complete	6/21/2021
Building Shell Complete	6/13/2022
Interior Finish Out Complete	6/13/2022
Substantial Completion	9/1/2022

PROJEC	T DATA	AND C	ODE INI	FORMA	TION	
PROJECT DATA						
PROJECT NAME:	1200 MEMOR	EX				
PROJECT ADDRESS:		x Dr.				
OWNER:	1200 Partners	LLC				
APPLICABLE CODES NOT	EINCLUDED IN	SPECIFICATION	ON SECTION 01	4100 REGULAT	TORY REQUIRE	MENTS
BUILDING CODE: ACCESSIBILITY CODE:		a Building Code a Building Code	Ohantas 64D			
ELECTRICAL CODE:		a Building Code a Electrical Cod				
ENERGY CODE:			& 2016 Californi	a Green Building	Standards	
FIRE CODE:	2016 Californi	a Fire Code		,		
MECHANICAL CODE:		a Mechanical C				
PLUMBING CODE:		a Plumbing Cod				
REGIONAL OR MUNICIPAL CODE:	Amendments	Clara Zoning an	0 Local			
LIFE SAFETY INFORMATION	4				REFER	RENCE
					2016	CBC
USE OR OCCUPANCY CLASSIFICAT						
OCCUPANCY:	(S2) STORAG	SE .			_	
TYPE OF CONSTRUCTION	_				_	
CONSTRUCTION TYPE:	II-A					
FIRE PROTECTION REQUIREMENTS						
FIRE PROTECTION REQUIREMENTS BEARING WALLS: INT./EXT.	1					
NONBEARING WALLS: INT/EXT.		EST EXT. WAL				
ROOF / CEILING:		20 FEET FROM				
FLOOR/ CEILING:	1					
STRUCTURAL FRAME / COLUMNS:	1					
RATED SEPARATIONS:	4 DUIL DING	SEPARATION @	NA LIP			
RATED SEPARATIONS:	1 BUILDING S	SEPARATION (g Z HK.			
DESIGN LIMITATIONS	MAX. AL	LOWED	MAX. PF	OVIDED	2 HR. SEPAR	ATION PLAN
HEIGHT:	85' - 0"		83' - 6"			
AREA	1. 121700 SF 2. 117000 SF		1. 118230 SF 2. 14585 SF		8LDG 1	2
# OF FLOORS:	1. 6		1. 4		l 🖳	88
	2. 6		2.6		i	
MEANS OF EGRESS	MAX. AL	LOWED	MAX. PF	OVIDED		
TRAVEL DISTANCE TO EXIT:						
TOTAL OCCUPANT LOAD:						
EGRESS WIDTH PER OCCUPANT	MIN. AL	LOWED	PROV	/IDED		
0.2" STAIRS:	0' - 0"		0" - 0"			
0.15" DOORS:	0'-0"		0' - 0"			
DI LIMBINO FIVELIDE DEGLI	DEMENTO					
PLUMBING FIXTURE REQUI		IALE		II F	SINGL	FUSER
FIXTURE			# REQUIRED	# PROVIDED	#REQUIRED	
WATER CLOSETS	s		s	s	s	s
URINALS			z	z	z	z
LAVATORIES	z	:				
SHOWERS						
		VICE				
	SER					
		# PROVIDED				
SERVICE SINKS		# PROVIDED				

PROJECT NARRATIVE

4.1.1 Estation Development
The 61-Box Development
The 76 Box Development are 18 box Development and 1200 Memorex Drive. The site is zoned ML-Light Industrial and has a General Plan designation of Light Industrial. The site is currently developed with three buildings: a three-story approximately 300.00 square foot building. A site of the 18 being proximately 300 square foot building. A site of the 18 being proximately 300 square foot buildings, and a one-story approximately 400 square foot building. A site of the 18 being proximately 400 square foot building proximately 400 square foot building for the site of the 18 being proximately 400 square foot building for the site of the 18 being proximately 400 square foot building for the site of the 18 being proximately 400 square foot building proximately 400 square foot building proximately 400 square primarily footable for the outfloor seaso for the site.

1.1.2 Proposed Development
The proposed Development
The proper proposes to demolating the existing improvements on the alia to construct a four-story 472.003 square foot data center building with an intended six-story
The proper proposes to demolate the existing improvements on the alias to construct a four-story 472.003 square foot data center buildings with an intended six-story
Development of the proper prope

These question of the data contrib portion of the building valued consist of production data had pace, which requires bushap, power generation, while the extreme valued consist of development data had paces, which can be required bushap power generation. Section bushap memorancy released as the production of the production data had specified by the production data that specified by the production data had specified by the production data of the production data of the building. Production data of the building production of the displacent locating dock. Mechanical cooling equipment would be located on the roof with metal panel permitted received production.

The project would also construct a 150 megavoit amps (MVA) electrical substation on the eastern portion of the site. The substation would have three 50 MVA transformers, one of which would be redundant and would only become active if one of the other transformers fails. The substation capacity would be a nominal 100 MVA. The substandon would have an affixed exerted result and analyzed the size.

11.2.1 Site Access and Parking
The site currently has four driveways on Memorex Drive and three driveways on Ronald StreetDi Glullo Avenue, all of which would be removed by the project. Access to the site would be provided by two new driveways on Memorex Drive and one new driveway on Di Glullo Avenue. The project would result in a net discrease in endowand the provided by two new driveways on the discrease in the site would be provided by two new driveways one deciminating hazards associated with set disclaraces time current driveways located new interesticnian can deciminate the provided periods.

Based on input from City staff, the project would be classified as a Storage use, which requires one parking space per 5,000 square feet of gross floor area. The office component (Business use), of the project would be classified as a City of the project would be required to the gross floor area and would be considered an analisty use to the primary Storage of the project would be required to provide 112 gases. The project processe to provide 112 gases parking jobs of the project would be required to provide 112 gases. The project processe to provide 112 gases parking gases is used to a Child Accessible, and 11 parking spaces is used to desire the project project of the gases would be ADA accessible, and 11 parking spaces is sufficiently and the project project of 12 gas and 12 gas

1.1.2.2 Building Height and Floor Area Ratio Variances
The project would construct a building with a maximum height of 27 feet to the too of paraget, which would exceed the maximum height of 70 feet allowed under the
ML – Light Industrial zoning designation. Additionally, the project would have a floor area ratio (FAR) of 1.40, which would exceed the maximum FAR of 0.6 allowed
under the Light Industrial General Plan designation.

The project is requesting variances to allow building heights and FAR above those allowed in the Zoning Ordinance and General Plan. The building height and FAR variances would allow the project to maximize the efficiency of the proposed data centre. By consolidating the data centre equipment in a single large structure instead of multiple smaller structures, energy efficiency is increased and fewer resources are recursive for building operation and markenance. Further, due employment requirement of data centres, the proposed project would result in a decrease in vehicle trips and vehicle miles travelled associated with the site, even with the proposed increases in allowed height and FAR (see discussion below).

1.1.2.3 Vehicle Trips and Vehicle Miles Travelled
Data center results here which to give than typical light industrial uses because the building is primarily occupied by IT equipment and associated mechanical
infrastructure. Few employees are required to operate the data center. While the project includes an office component, the office use is anciliarly to the data center use
and makes up less than 10 percent of the overall building source footage.

A preliminary assessment was completed to determine the net vehicle trip generation resulting from the project. Trip generation rates for existing uses on the sile were based on the Institute of Transportation Engineers (TEE) Trip Generation Manual, Tenth Edition's trip generation rates for general light industrial fand uses (land use code 110), Trip generation rates for the proposed project were based on TIE Trates for data centers (land use code 101) and use code 1010 and use code 1010 and use code 1010. The private for existing uses were applied to 3-48.55 square feet of fairly traduiting lauditing sease and roughly 100.00 square feet of fairly outdoor (sight industrial building sease and roughly 100.00 square feet of fairly outdoor (sight industrial soulding sease and roughly 100.00 square feet of fairly outdoor (sight industrial soulding sease and roughly 100.00 square feet of fairly outdoor (sight industrial soulding sease and roughly 100.00 square feet of fairly outdoor (sight industrial soulding sease and roughly 100.00 square feet of fairly outdoor (sight forest) and code of 100.00 square feet of fairly outdoor (sight forest) and code of 100.00 square feet of fairly outdoor (sight forest) and code of 100.00 square feet of fairly outdoor (sight forest) and code of 100.00 square feet of fairly outdoor (sight forest) and (sight fairly of 100.00 square feet of fairly outdoor (sight forest) and (sight fairly of 100.00 square feet of fairly outdoor (sight forest) and (sight fairly outdoor (sight forest)). The project would result in a net reduction in special and in the code of 100.00 square feet of fairly outdoor (sight forest). The special code of 100.00 square feet of fairly outdoor (sight forest). The special code of 100.00 square feet of fairly outdoor (sight forest). The special code of 100.00 square feet of fairly outdoor (sight forest). The special code of 100.00 square feet of 100.00 square

1.1.2. Hazorous Matrials formed to the contamination of the size. The contamination is associated with historic uses by the Memorex Corporation, which manufactured magnetic tape on the size through approximately 1963. The size is subject to Regional Water Quality Control Board (RWQCB) oversight and cleanup requirements related to this contamination. Since 1963, uses on the size have included the use and storage of hazordous materials, and it is possible that additional contamination are senser to the size in anses that have not been previously investigated. The project would prepare a Size Management Place (SMP) and a Hestit vinvestigation to identify the selection of contamination or the size it is entirely and a size of the si

1.1.2.5 Power Usage Effectiveness, Energy Effections, and Water Conservation
Power Usage Effectiveness (PLE) is a mentic used to compare the operating efficiency of data center
facilities. PUE is defined as the ratio of total power use of a facility to the power used strictly by the
information technology (IT) equipment, g.e., PUE*Total Energy Power! Equipment Power; For
power used by the IT equipment. The annualized PUE for the proposed data center would be less than 1.29, which is on the lowlefficient end of the sci centers in the area.

The project Incidea a unity of measures to minimize total power usage of the data center. Due to substantial coding requirements, the inneary method for achievance receipt efficiency in data centers and the measurements are inneary method for achievance except efficiency in data centers and the measurements efficiency by stilling direct costides are economized on. economized children, or DSE cooling units, reducing energy consumption and eliminating the requirement for large quantities of water utilized for cooling purposes by other data centers in the area.

1.1.2.6 Landscaping and Stormwater Control Currently, landscaping on the lite is sperim. Matter trees are located on the site's frontage with Memorex Drive, and additional trees and shrubbery are located along portions of the site's perimeter, Although the project would remove some of the oxisting frees and landscaping on the site, the project would plant replacement trees that would meter or exceed required replacement ratios, resulting in an increase in trees and landscaping not the site.

The project would result in a decrease in the amount of impervious area on the site. Storm drainage runoff from the site's impervious surfaces would be directed to treatment systems before being collected in a series of pipes sized for a 10-year storm event in accordance with the City's design requirements. These pipes would untakely leave the site, connecting to the existing City storm drainage pipes in Memores Drive and/or 10 Statio Avezus. None off-site storm for affaintables are articipated to serve the project. Since redevelopment of the site would not increase the storm drain runoff compared to existing Conditions, the project would have no adverse impact on the existing City storm drainage system from drainage system from drainage system from drainage system from the results of the storm drainage system from the results of the results of the storm drainage system from the results of the storm drainage system from the results of the results of

The goal of project is to ensure that the final design incorporates an efficient program of best management practices (BMP's) as appropriate to the site conditions and urban runoff politution prevention requirements. To this end, development of the property shall comply with the requirements of the California Regional Water Quality Control Exact, San Francisco Bay Region Municipal Regional Stormates MPDES Permit MRPT. The project would implement site design measures accordance with Provision C3 of the MRPT. The project would also employ treatment control measures and treatment systems into the site design in accordance with Provision C3 of the MRPT. The project would also employ treatment control measures (TCMs) as appropriate beard upon site specific design to achieve shortment requirements for urban runoff politics.

Project Number: 19110.0000













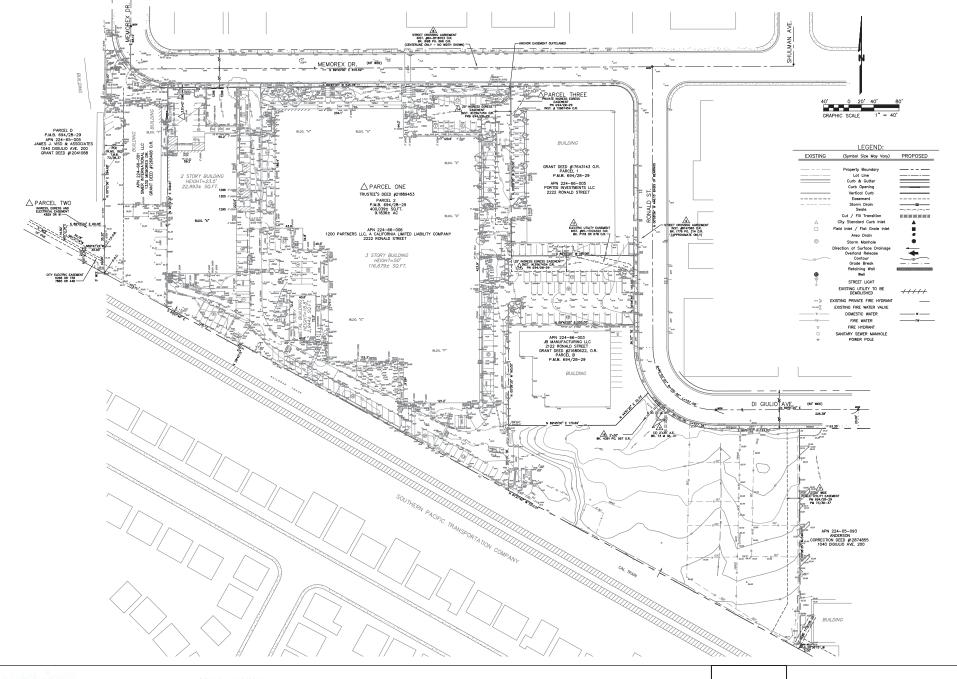
PROJECT INFORMATION





G-100

04.09.2020









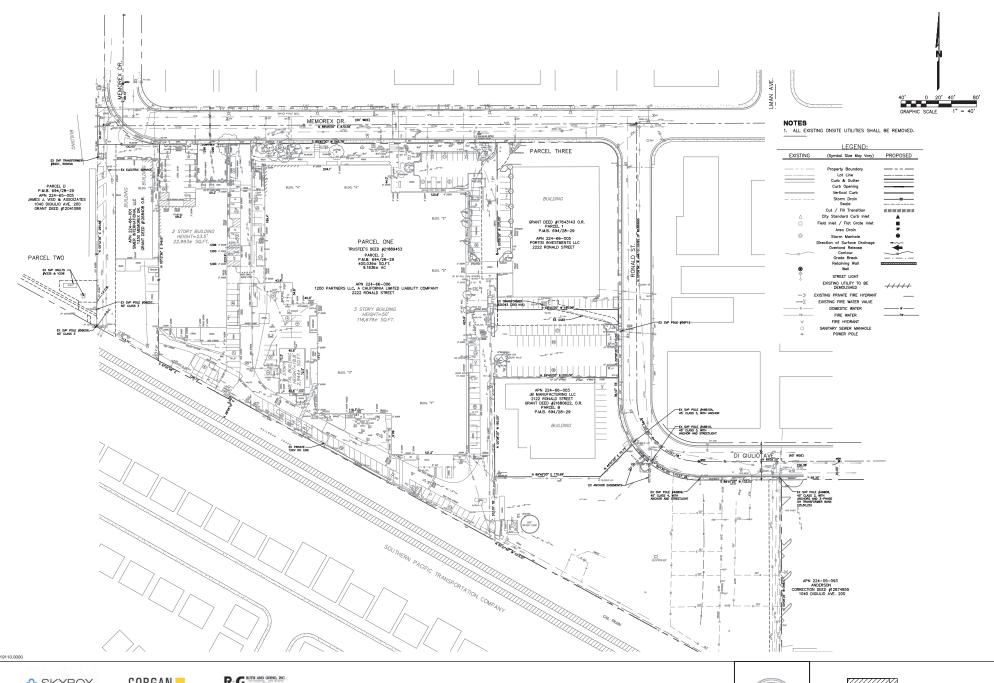
















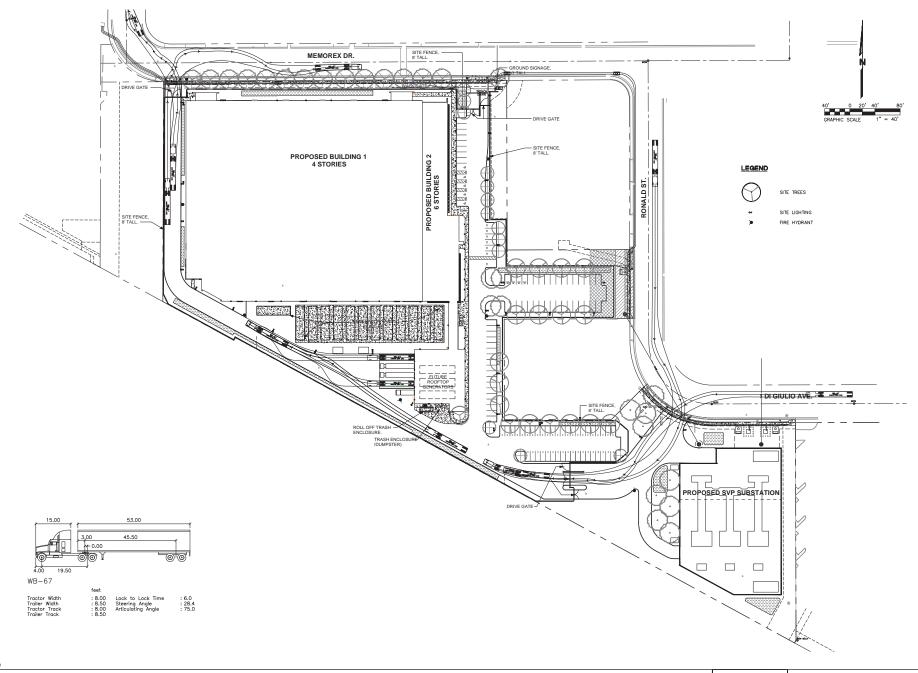










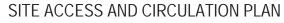






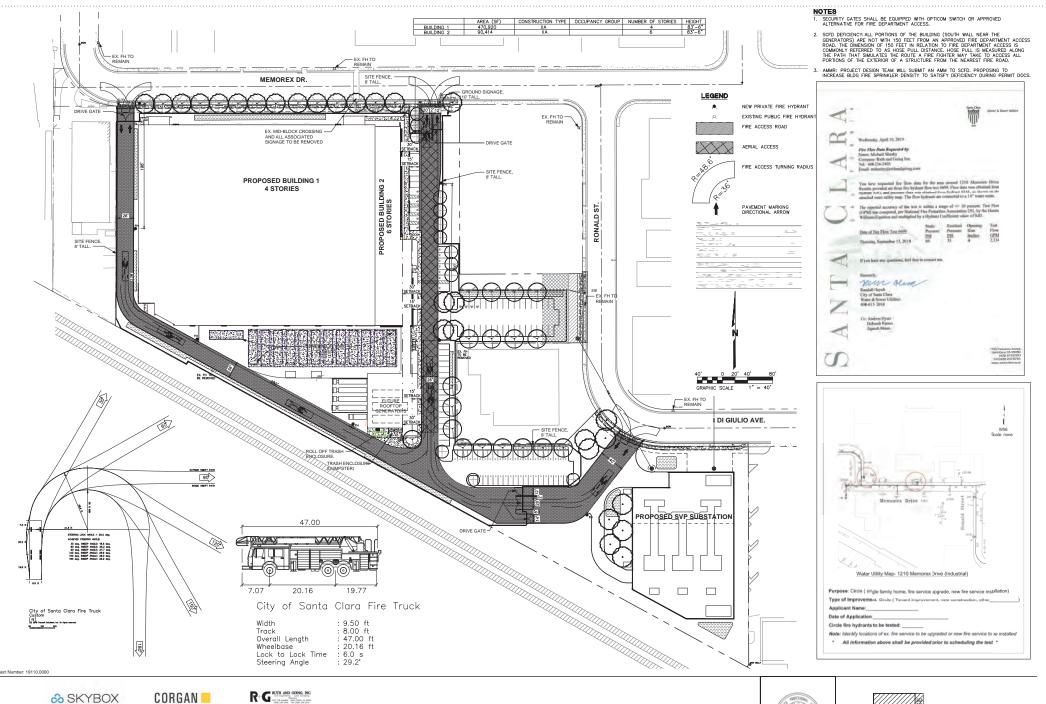














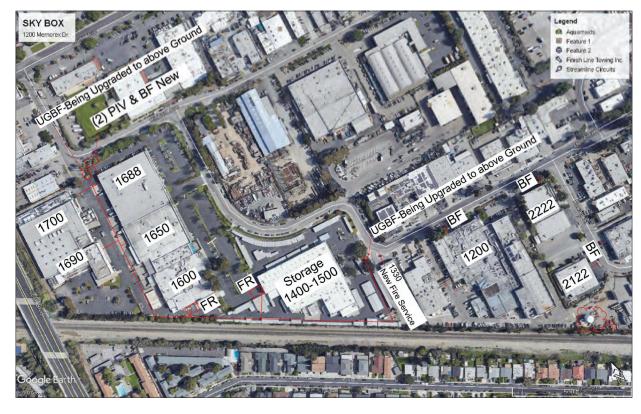












ABBREVIATIONS
1700 ADDRESS NUMBER
BF CSC BACKFLOW
FR FIRE RAISER
PIV POST INDICATOR VALVE
UGBF UNDERGROUND BACKFLOW

ADJACENT FIRE PERMITS PERMIT # ADDRESS

1688 & 1700 RICHARD AVE 18-1094 1600, 1650 & 1690 RICHARD AVE





CORGAN

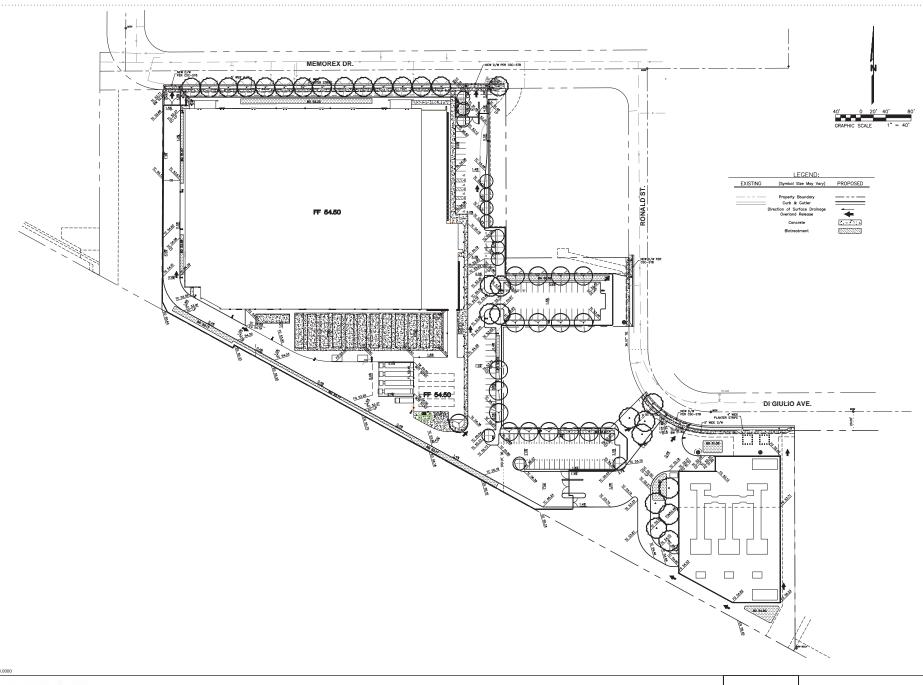


















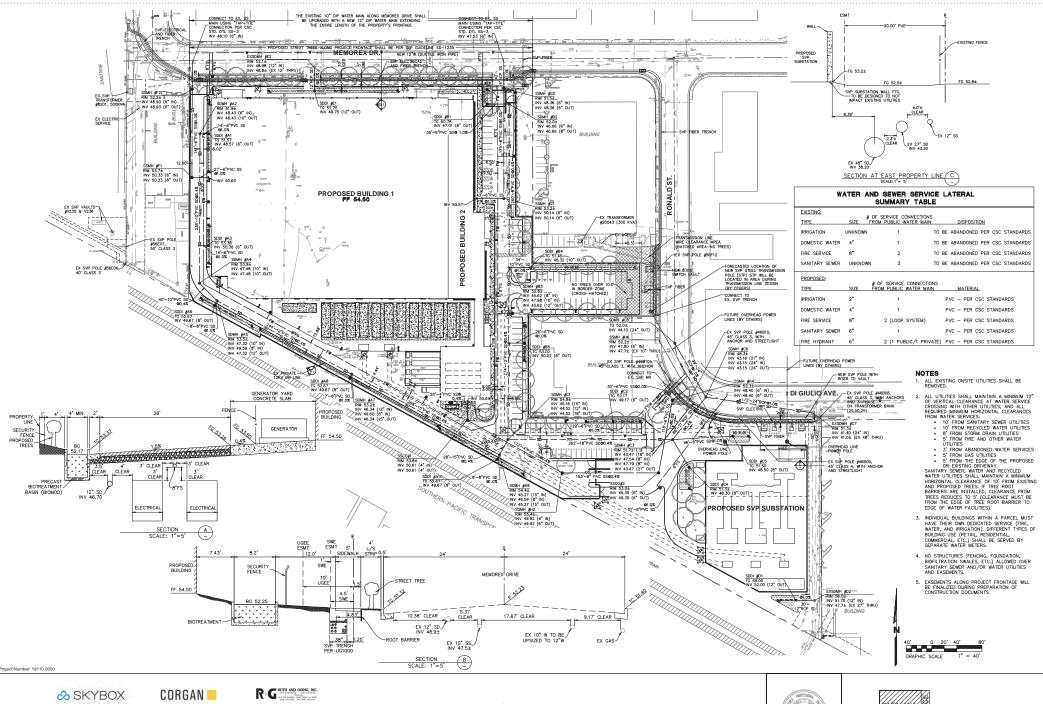
















REED ASSOCIATES

PRELIMINARY SITE UTILITY PLAN

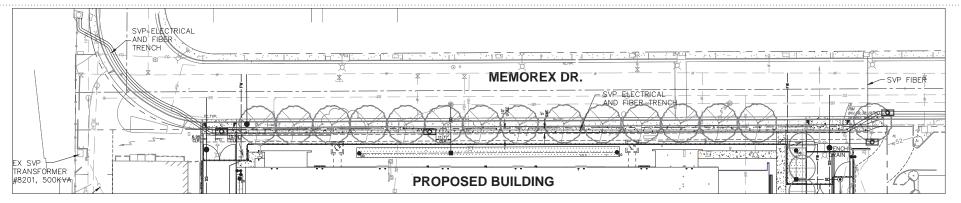


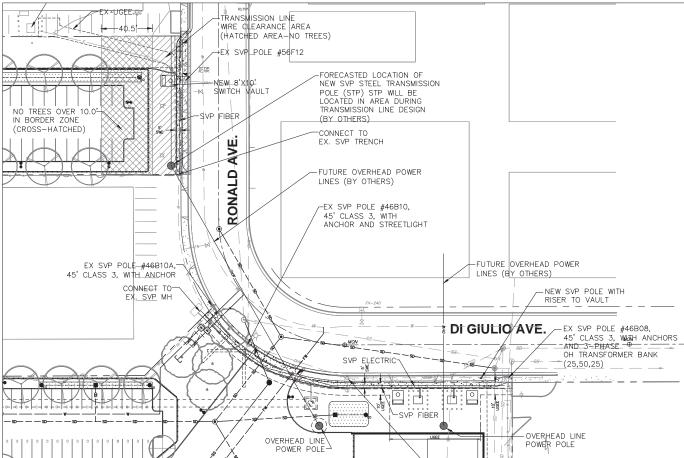


C400

ANDSCAPE ARCHITECTURE 77 SOUTH TAAFFE STREET UNNYVALE, CALIFORNIA 94086

04.09.2020





Project Number: 19110.0000



CRITICAL



kW mission critical engineering

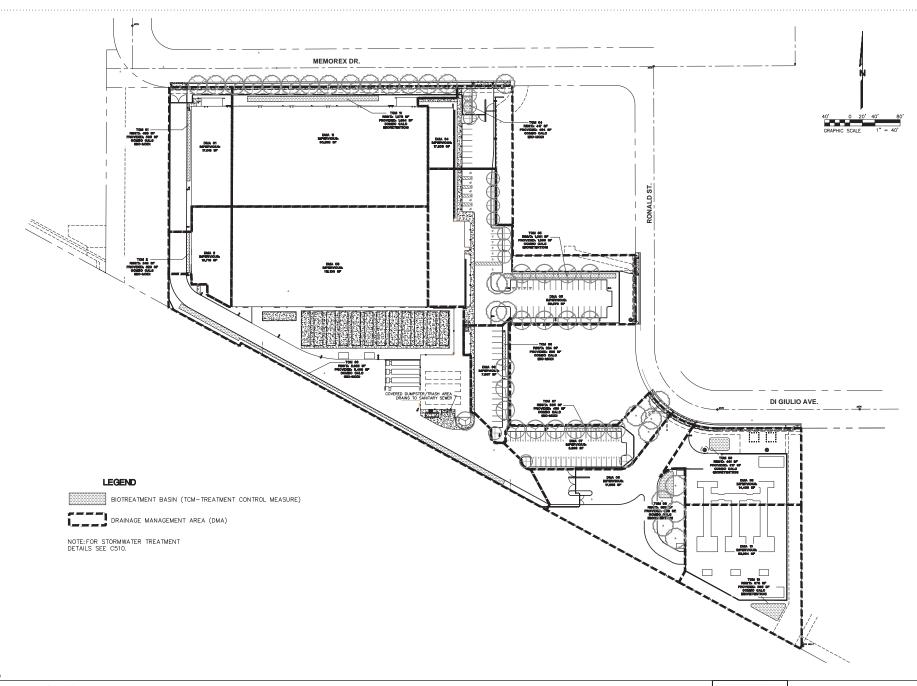












oject Number: 19110.0000



CRITICAL













SIOTREATMENT SOIL REQUIREMENTS BIORETEXTION SOIL MIX SHALL MEET THE REQUIREMENTS AS OUTLINED IN APPENDIX OF OF THE C.3 STORM WATER HANDBOOK AND SHALL BE A MIXTURE OF FINE SAND AND COUPOST MEASURED ON A VOLUME BASI OF 60-70% SAND AND 30-40% COMPOST. CONTRACTOR TO REFER TO APPENDIX C FO

SEE GRADING PLAN FOR BASIN FOOTPRINT AND DESIGN ELEVATIONS.

- PLACE 3 INCHES OF COMPOSTED, NON-FLOATABLE MULCH IN AREAS BETWEEN STORMWATER PLANTINGS.

- DO NOT COMPACT NATIVE SOIL / SUBGRADE AT BOTTOM OF BASIN. LOOSEN SOIL TO 12" DEPTH.

STANDARD STORMWATER CONTROL NOTES:

PROJECT SITE INFORMATION:

- FLOOD ELEVATION (IF APPLICABLE):

OPERATION AND MAINTENANCE INFORMATION:

I.A. PROPERTY ADDRESS: 1220 MEMOREX DRIVE

1220 SANTA CLARA PROPCO, LLC

ILA, CONTACT

(408) 872-9500

- MAINTENANCE (PAVEMENT SWEEPING, CATCH BASIN CLEANING, GOOD HOUSEKEEPING). STORM DRAIN LABELING.

SITE DESIGN MEASURES:

- PROTECT EXISTING TREES, VEGETATION, AND SOIL REDUCE EXISTING IMPERVIOUS SURFACES.
- CREATE NEW PERVIOUS AREAS:
- a. PARKING STALLS b. PRIVATE STREETS AND SIDEWALKS.
- DIRECT RUNOFF FROM ROOFS, SIDEWALKS, PATIOS TO LANDSCAPED AREAS.
 CLUSTER STRUCTURES/PAVEMENT.
- PLANT TREES ADJACENT TO AND IN PARKING AREAS AND ADJACENT TO OTHER IMPERVIOUS AREAS.
- a. NOT PROVIDED IN EXCESS OF CODE

PLAN VIEW TOP OF CARE, CARE SAT MATCH.

FORMER SATELLY AN INCOMES, WE OTHERS.

STORMAN, DESCRIPTION STORMAN, STORMAN, SALAHOUS, SALAHOUS AN OUT ACCESS, LOCKTED AT IND OF UNDERGRAN PAPE. ALER PLACE GROUND WATER DEPTH POLICE TO ANY DESCRIPTION OF SHADOW OMETY WAS DIS APPROACH A SERVICE) TOP OF WILL SUPPLIED WITH-DOWGLING INSCRIPT, HOLLDS FOR AN RESIAN, CUPOSED RESIAN SUPPLIED OF OTHERS. MANNY FOU, VIE DICHEDED. 100 Ger a. TITUR STRUCTUR CONNECT THE FOLLOWING FEATURES TO SANITARY SEWER: a.COVERED TRASH/ RECYCLING ENCLOSURES. b.COVERED LOADING DOCKS AND MAINTENANCE BAYS. BioMod®

Modular Bioreten Oldcastle BENEFICIAL LANDSCAPING.
USE OF WATER EFFICIENT IRRIGATION SYSTEMS. Modular Bioretention System for Detention Applications

TOP OF GUIDA, GUIDA GUIT HAUTING, POWER IN THEIR HE RESUMED, BY STREET,

HRIGATION PORT, (MINIMUM).

a. Total Site Area: 9.18_acre	B. Total file Area Bioteched: 4.45 pere-relating cleaning pooling or excess						
Impervious Area! (IA)	Pre-predect (Exhause) IA (0°)	Existing EA Retained Arcis (BF)	Exhaling I's Replaced with U ₁ (R ²)	Country (NC)	Freier fa (8) Original		
Roof	SASSARY	9.	142,669	947	143,486		
Surface Parking	ACMP.	- 4	17,143		Hiller		
Sidewalks, streets, etc.	.200,000	98,59	144,276	10	(ORDITE)		
c. Total Impervious Area	3638	-08,790	mar.	947	3191,643		
d. Total new and replaced in	perlimi sem		391/30		A section in		
Pervious Area (PA)	Pre-project (Existing) PA (0)				France FA (71)		
Landscaping ²	16,660				101/100		
Pervious Paving	4						
Other (e.g. Green Roof)	. 4						
c. Total Pervious Area	State				(M) (M)		
f. Total Area (IA+PA)	- AMOUNT				ARREST		

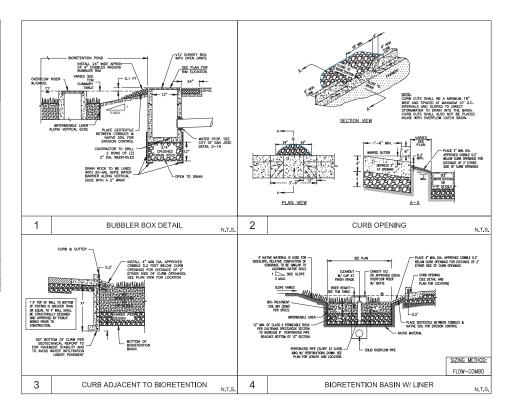
PERVIOUS AND IMPERVIOUS SURFACES COMPARISON TABLE

- DUTLET, SHE NOTE 2,

DMA#	TCM#	Location	Treatment Type	LID or Non-LID	Sizing Method	Drainage Area (s.f.)	Impervious Area (s.f.)	Pervious Area (Permeable Pavement) (s.f.)	Pervious Area (Other) (s.f.)	% Onsite Area Treated by LID or Non- LID TCM	Bioretention Area Required (s.f.)	Bioretention Area Provided (s.f.)	Overflow Riser Height (in)	Comments
1	1	Onsite	Bioretention lined* w/ underdrain	LID	3, Flow-Volume Combo	20,439	17,019	0	3,420	5.11%	433	565	6	
2	2	Onsite	Bioretention lined* w/ underdrain	LID	3. Flow-Volume Combo	11,358	10,718	0	640	2.84%	248	320	6	
3	3	Onsite	Bioretention lined* w/ underdrain	LID	3. Flow-Volume Combo	120,939	112,100	0	8,839	30.23%	2,622	3,400	6	
4	4	Onsite	Bioretention lined* w/ underdrain	LID	3. Flow-Volume Combo	19,400	17.203	0	2,197	4.85%	417	434	.11	
5	5	Onsite	Bioretention lined* w/ underdrain	LID	3. Flow-Volume Combo	50,925	39.678	0	11,247	12.73%	1,061	1,335	7	
6	6	Onsite	Bioretention lined* w/ underdrain	LID	3. Flow-Volume Combo	10,889	7,957	0	2,932	2.72%	224	295	6	
7	7	Onsite	Bioretention lined* w/ underdrain	LID	3. Flow-Volume Combo	17,148	9,893	0	7,255	4.29%	335	450	6	
8	8	Onsite	Bioretention lined* w/ underdrain	LID	3. Flow-Volume Combo	32,265	17,253	0	15,012	8.07%	620	838	6	
9	9	Onsite	Bioretention lined* w/ underdrain	Lio	3. Flow-Volume Combo	23,258	14,409	0	8,849	5.81%	461	617	6	
10	10	Onsite	Bioretention lined* w/ underdrain	LID	3. Flow-Volume Combo	33,283	22,694	0	10,589	8.32%	673	893	6	
11	11	Onsite	Bioretention lined* W/ underdrain	LID	3, Flow-Volume Combo	60,134	50,252	0	9,882	15.03%	1,273	1,664	6	
	en la				Totals:	400,038	319,176	0	80,862	100.00%				

Footnotes:

"Lined" refers to an impermisable liner placed on the bottom of a Bioretertion basin or a concrete Flow-Through Planter, such that no infiltration into native soil occurs



	ROUTINE MAINTENANCE ACTIVITIES FOR BIORETENTION AREA	
NO.	MAINTENANCE TASK	FREQUENCY OF TASK
1	REMOVE OBSTRUCTIONS, WEEDS, DEBRIS AND TRASH FROM BIORETENTION AREA AND ITS INLETS AND OUTLETS; AND DISPOSE OF PROPERLY.	QUARTERLY, OR AS NEEDED AFTER STORM EVENTS
2	INSPECT BIORETENTION AREA FOR STANDING WATER. IF STANDING WATER DOES NOT DRAIN WITHIN 2-3 DAYS, TILL AND REPLACE THE SURFACE BIOTREATMENT SOIL WITH THE APPROVED SOIL MIX AND REPLANT.	QUARTERLY, OR AS NEEDED AFTER STORM EVENTS
3	CHECK UNDERDRAINS FOR CLOGGING. USE THE CLEANOUT RISER TO CLEAN ANY CLOGGED UNDERDRAINS.	QUARTERLY, OR AS NEEDED AFTER STORM EVENTS
4	MAINTAIN THE IRRIGATION SYSTEM AND ENSURE THAT PLANTS ARE RECEIVING THE CORRECT AMOUNT OF WATER (IF APPLICABLE).	QUARTERLY
5	ENSURE THAT THE VEGETATION IS HEALTHY AND DENSE ENOUGH TO PROVIDE FILTERING AND PROTECT SOILS FROM BROSION. PRUME AND WEED THE BIORETENTION AREA. REMOVE AND/OR REPLACE ANY DEAD PLANTS.	ANNUALLY, BEFORE THE WE SEASON BEGINS
6	USE COMPOST AND OTHER NATURAL SOIL AMENDMENTS AND FERTILIZERS INSTEAD OF SYNTHETIC FERTILIZERS, ESPECIALLY IF THE SYSTEM USES AN UNDERDRAIN.	ANNUALLY, BEFORE THE WE SEASON BEGINS
7	CHECK THAT MULCH IS AT APPROPRIATE DEPTH (2 - 3 INCHES PER SOIL SPECIFICATIONS) AND REPLENISH AS NECESSARY BEFORE WET SEASON BEGINS. IT IS RECOMMENDED THAT 2" – 3" OF ARBOR MULCH BE REAPPLIED EVERY YEAR.	ANNUALLY, BEFORE THE WE SEASON BEGINS
8	INSPECT THE ENERGY DISSIPATION AT THE INLET TO ENSURE IT IS FUNCTIONING ADEQUATELY, AND THAT THERE IS NO SCOUR OF THE SURFACE MULCH. REMOVE ACCUMULATED SEDIMENT.	ANNUALLY, BEFORE THE WE SEASON BEGINS
9	INSPECT OVERFLOW PIPE TO ENSURE THAT IT CAN SAFELY CONVEY EXCESS FLOWS TO A STORM DRAIN. REPAIR OR REPLACE DAMAGED PIPING.	ANNUALLY, BEFORE THE WE
10	REPLACE BIOTREATMENT SOIL AND MULCH, IF NEEDED, CHECK FOR STANDING WATER, STRUCTURAL FAILURE AND CLOGGED OVERFLOWS. REMOVE TRASH AND DEBRIS. REPLACE DEAD PLANTS.	SEASON BEGINS
11	INSPECT BIORETENTION AREA USING THE ATTACHED INSPECTION CHECKLIST.	ANNUALLY, BEFORE THE WE SEASON

Project Number: 19110.0000



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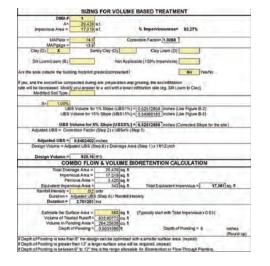


STORMWATER CONTROL DETAILS



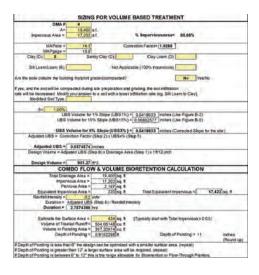


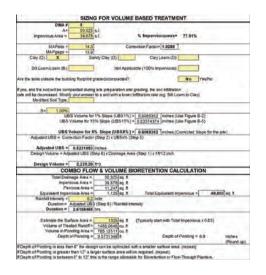




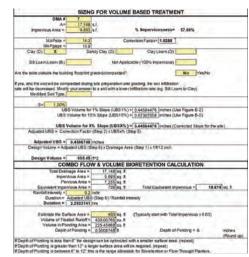


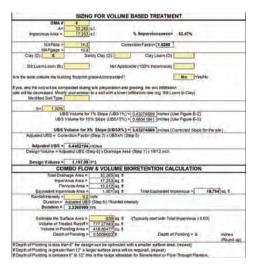
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MAPgage =	13.9				
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modules out 1996	-				
S= 1,00%					
LB:	Volume for 1% Sto	pe (LBS1%) *	0.55434321 Inches (U	ne Figure B-2)	
UBS	olume for 15% Slop	4 (UBS15%) =	0.57807407 inches (U	se Figure B-5)	
			alternations.		
			0,55434321 inches (C	orrected Slope for the	e siler)
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kW mission critical engineering



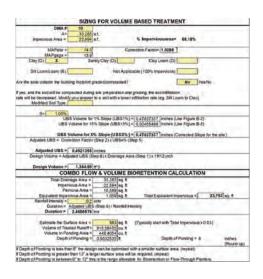


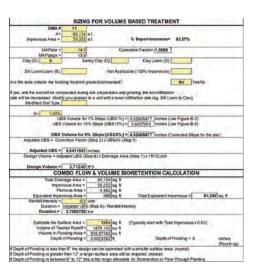






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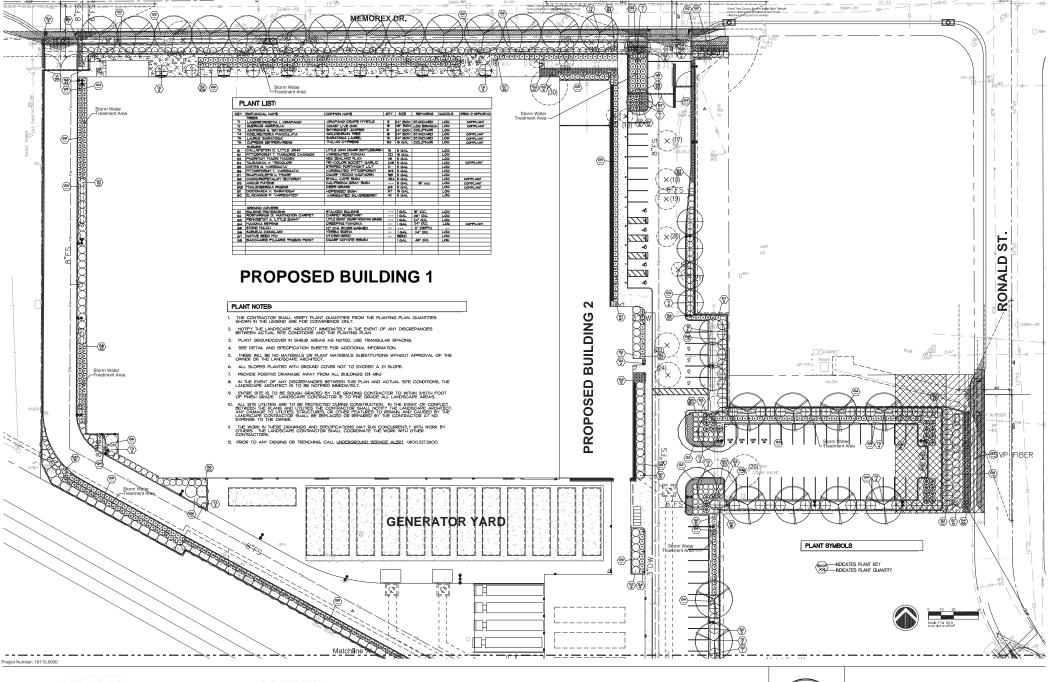
















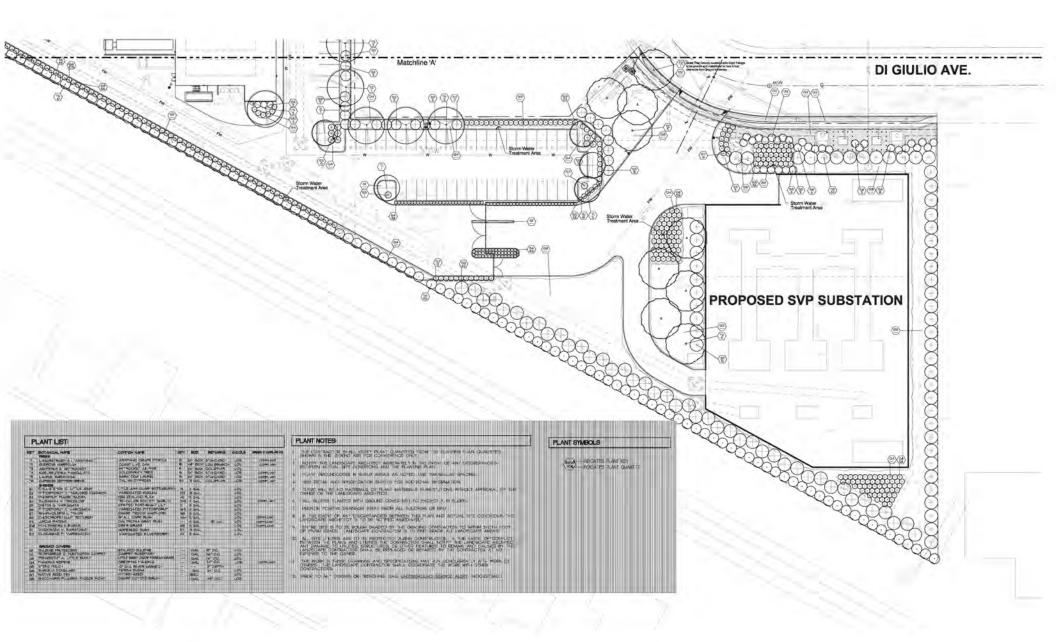


























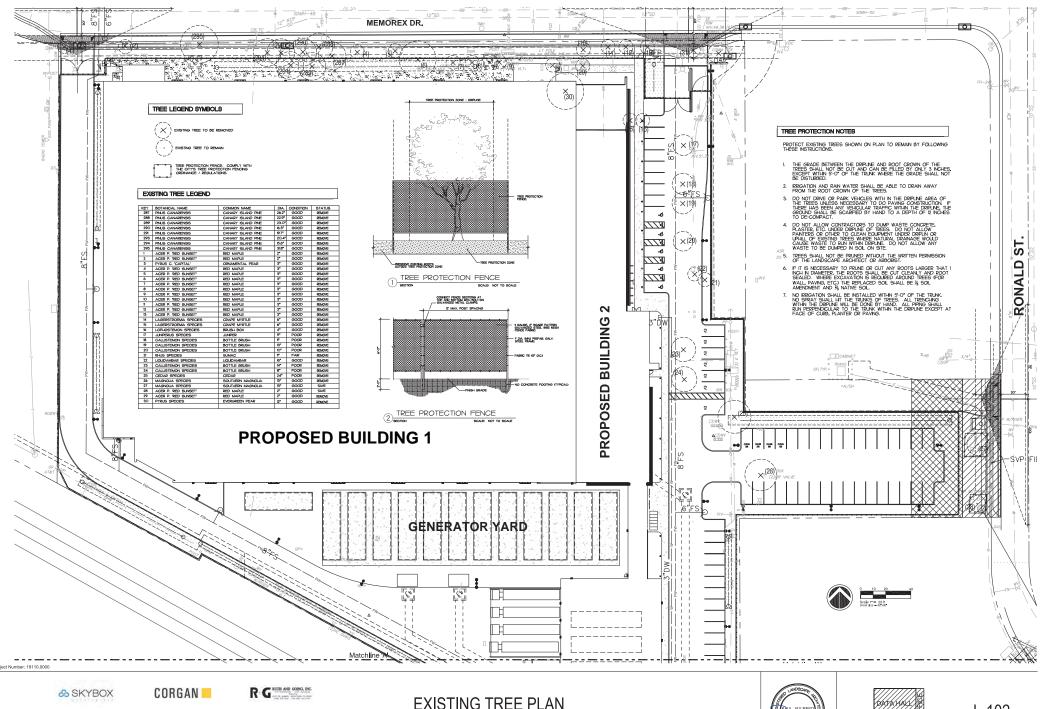
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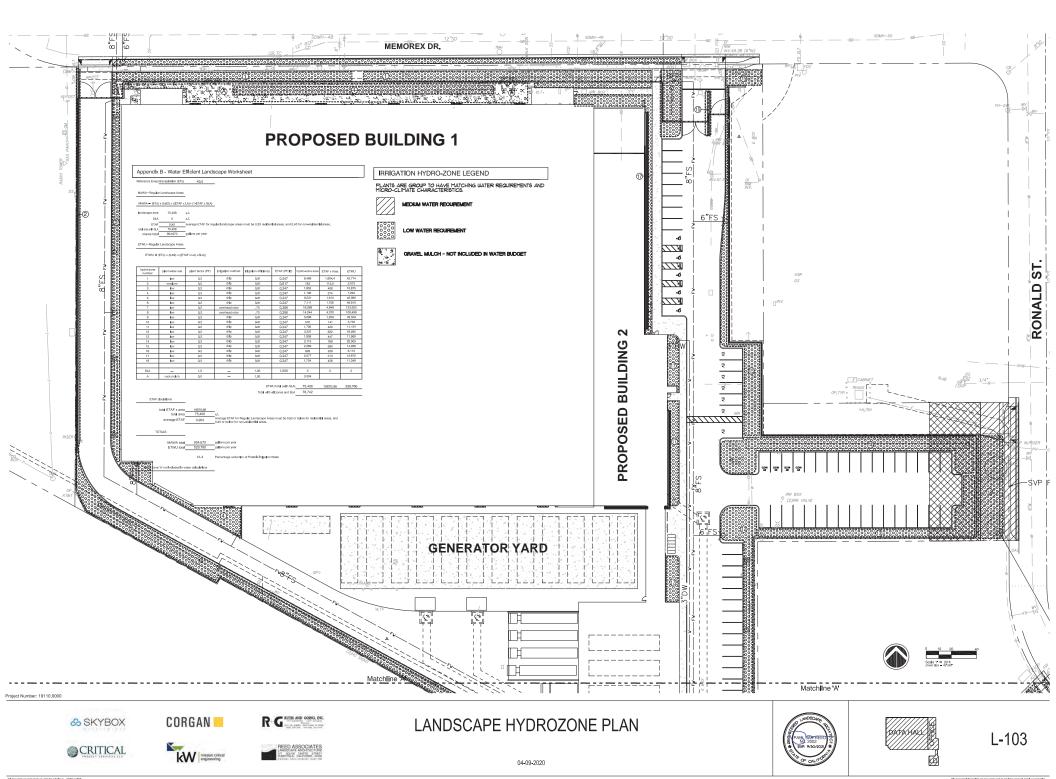


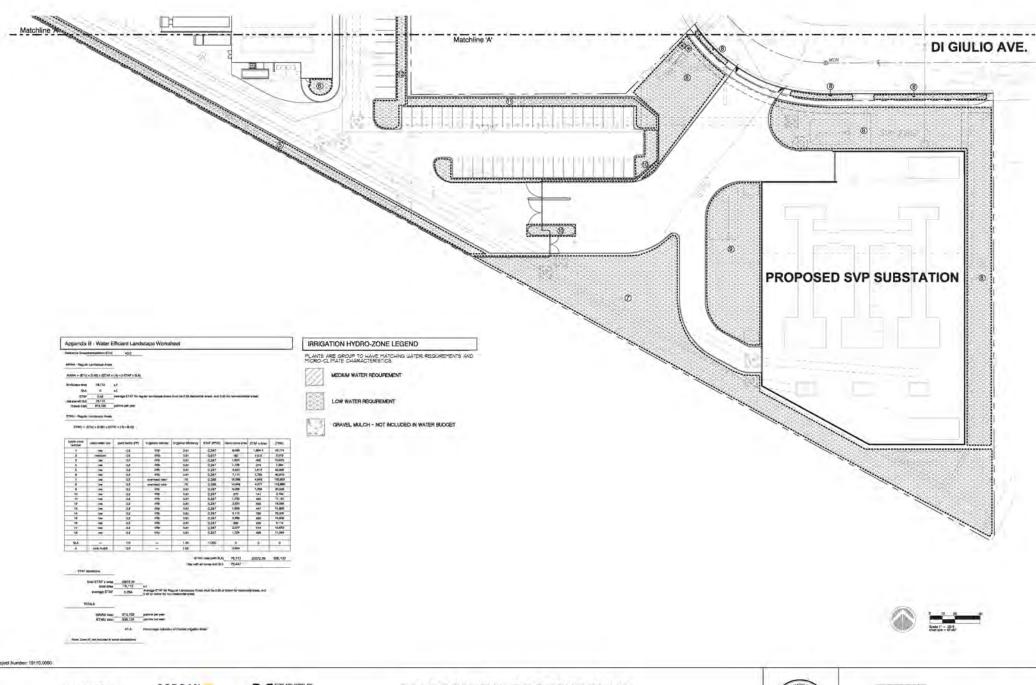












& SKYBOX **OCRITICAL** CORGAN

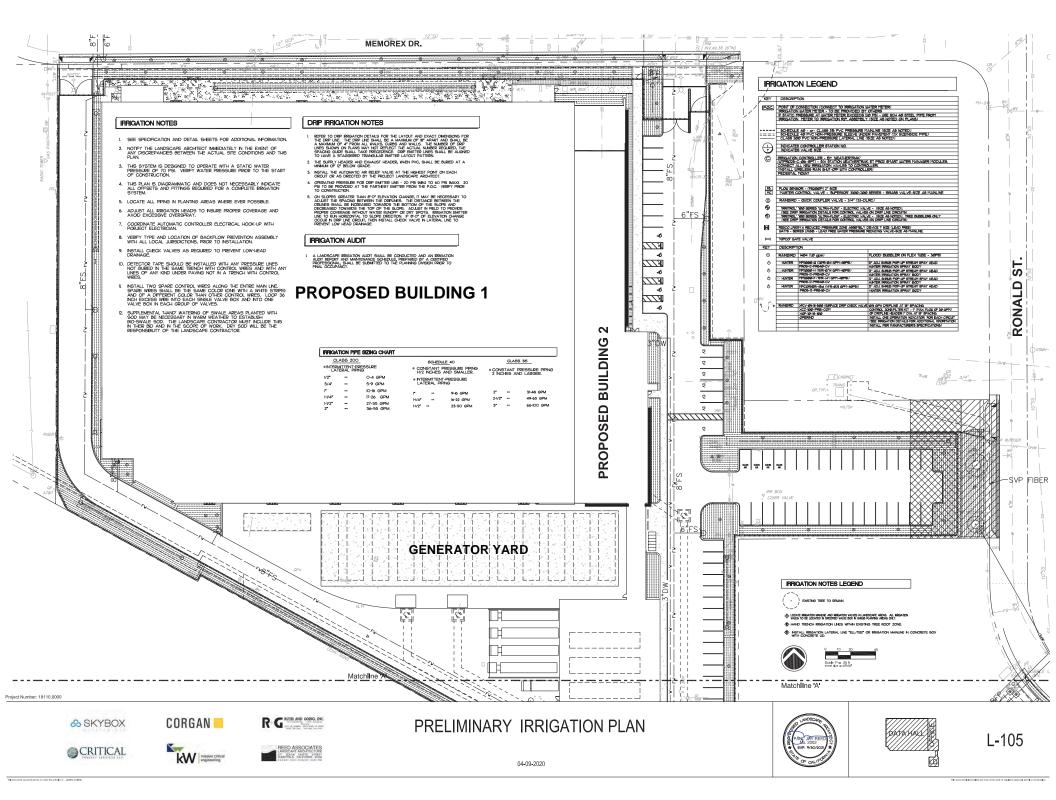
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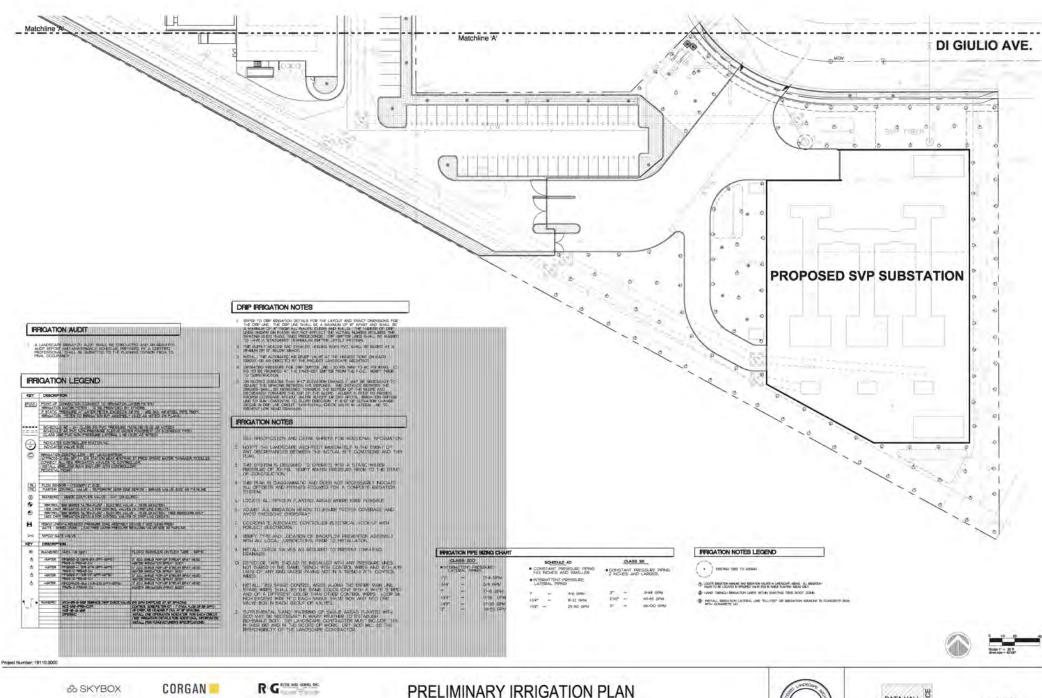
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LANDSCAPE HYDROZONE PLAN





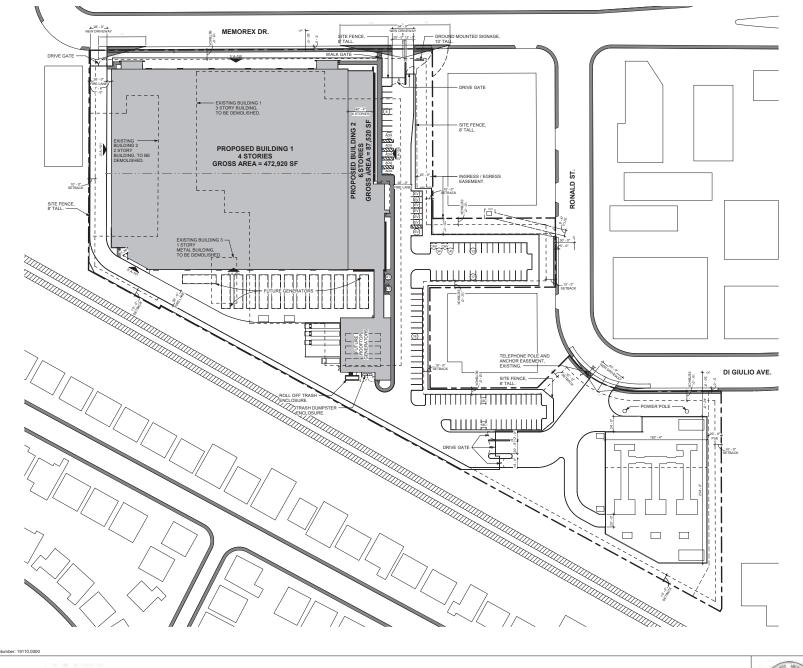




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EXISTING

LOT SIZE - 400,038± SF - 9.18 ACRES

3 EXISTING BUILDINGS - TO BE DEMOLISHED

BUILDING 1 - FACTORY - 3 STORIES @ 116,679± SF BUILDING FOOTPRINT BUILDING 2 - FACTORY - 2 STORIES @ 22,996± SF BUILDING FOOTPRINT BUILDING 3 - STORAGE - 1 STORY @ 2,944± SF BUILDING FOOTPRINT

LOT COVERAGE - 142,619± SF - 36%

PROPOSED

LOT SIZE - 400,038± SF - 9.18 ACRES

2 PROPOSED BUILDINGS - TYPE IIA
BUILDING 1 - STORAGE II - 4 STORIES @ 118,230± SF GROSS - 472,920 SF±
PARAPET - 87 ° BUILDING 2 - STORAGE II - 6 STORIES @ 14,585± SF GROSS - 87,520 SF±
PARPAET - 870° MID SLOPE OF ROOF - 63° 6° GROSS - 87,520 SF±

FAR - 1.40 LOT COVERAGE - 143,300± SF - 36% OUTDOOR EQUIP STORAGE - 22,300± SF - 6%

GROSS BUILDING - 580,4461 SF
PROD. DATA HALL - 6@ 19.780 SF = 118.680 SF
DEV. DATA HALL - 6@ 19.780 SF = 118.680 SF
MCEV GALLERY - 24@ 3.538 SF = 84.860 SF
UPS
O'N O OFFICE - 50.00 SF + 82.200 SF + 4@ 9420 SF = 51,000 SF

PARKING

- 112 REQUIRED SPACES @ 1 PER 5,000 SF 113 PARKING SPACES PROVIDED 56 PARKING SPACES 41 COMPACT PARKING SPACES (C) 11 CLEAN AIR VEHICLE PARKING SPACES (CAV) 7 FUTURE CV CHANGING SPACES (EV) 5 ADA ACCESSIBLE SPACES (ADA)

BICYCLE PARKING - 5% SHORT & LONG TERM 6 SHORT TERM SPACES (ST) 6 LONG TERM SPACES (LT)

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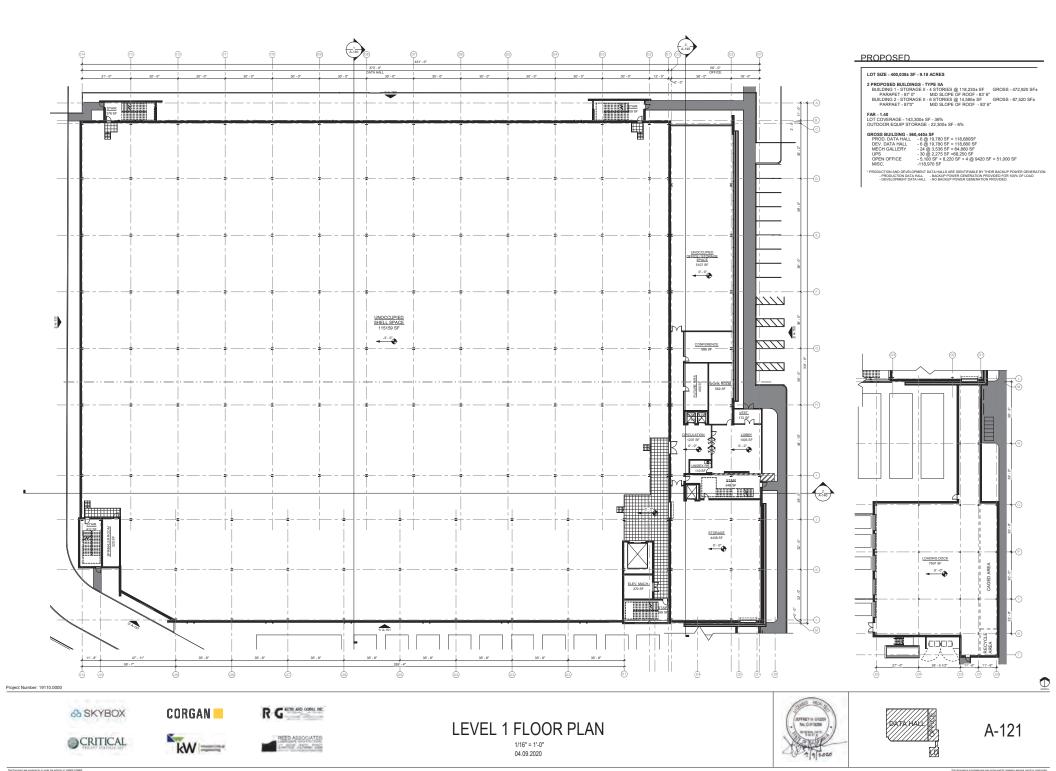
1" = 40'-0" 04.09.2020

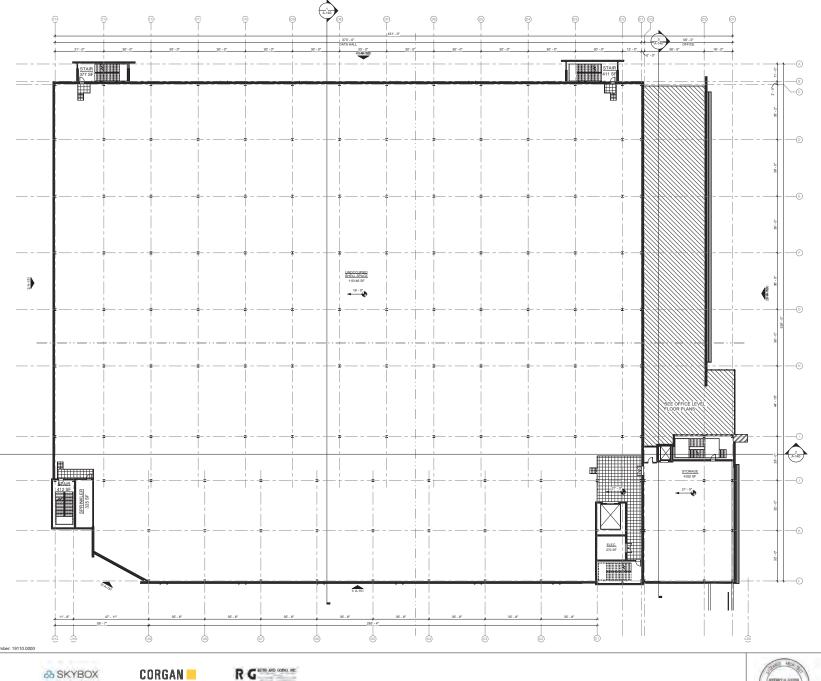




A-110

ON NORTH





LOT SIZE - 400,038± SF - 9.18 ACRES

2 PROPOSED BUILDINGS - TYPE IIA
BUILDING 1 - STORAGE II - 4 STORIES @ 118.230± SF GROSS - 472.920 SF±
PARAPET - 87 0° MID SLOPE OF ROOF - 83 5°
BUILDING 2 - STORAGE II - 6 STORIES @ 14.8565 SF GROSS - 87.520 SF±
PARAPET - 870° MID SLOPE OF ROOF - 83 5°

FAR - 1.40 LOT COVERAGE - 143,300± SF - 36% OUTDOOR EQUIP STORAGE - 22,300± SF - 6%

GROSS BUILDING - 586,440± SF PROD. DATA HALL - 6@ 19,780 SF = 118,680 SF DEV. DATA HALL - 6.@ 19,780 SF = 118,680 SF MCCH GALLERY - 24@ 3,238 SF = 48,260 SF OPEN OFFICE - 58 @ 2,270 SF = 68,250 GF MSC. - 118,970 SF - 8,270 SF = 51,000 SF

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LEVEL 2 FLOOR PLAN

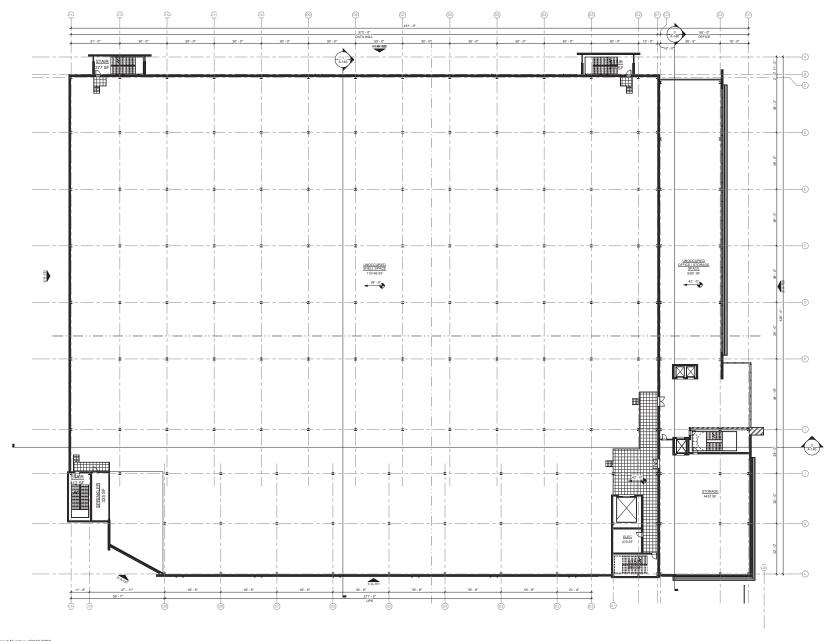
1/16" = 1'-0" 04.09.2020











LOT SIZE - 400,038± SF - 9.18 ACRES

2 PROPOSED BUILDINGS - TYPE IIA
BUILDING 1 - STORAGE II - 4 STORIES @ 118.230± SF GROSS - 472.920 SF±
PARAPET - 87 0° MID SLOPE OF ROOF - 83 5°
BUILDING 2 - STORAGE II - 6 STORIES @ 14.8565 SF GROSS - 87.520 SF±
PARAPET - 870° MID SLOPE OF ROOF - 83 5°

FAR - 1.40 LOT COVERAGE - 143,300± SF - 36% OUTDOOR EQUIP STORAGE - 22,300± SF - 6%

GROSS BUILDING - 586,440± SF PROD. DATA HALL - 6@ 19,780 SF = 118,680 SF DEV. DATA HALL - 6.@ 19,780 SF = 118,680 SF MCCH GALLERY - 24@ 3,238 SF = 48,260 SF OPEN OFFICE - 58 @ 2,270 SF = 68,250 GF MSC. - 118,370 SF = 6,220 SF = 4 @ 9420 SF = 51,000 SF

DUCTION AND DEVELOPMENT DATA HALLS ARE IDENTIFIABLE BY THEIR BACKUP POWER GENERATIO!
- PRODUCTION DATA HALL
- SACKUP POWER GENERATION PROVIDED FOR 100% OF LOAD
- DEVELOPMENT DATA HALL
- NO BACKUP POWER GENERATION PROVIDED.

SKYBOX





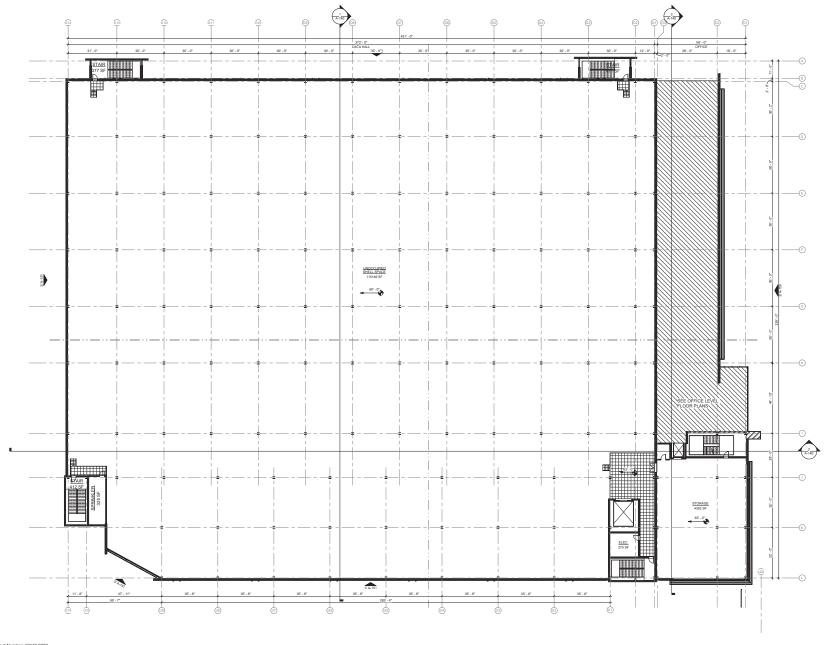




1/16" = 1'-0" 04.09.2020







LOT SIZE - 400,038± SF - 9.18 ACRES

2 PROPOSED BUILDINGS - TYPE IIA
BUILDING 1 - STORAGE II - 4 STORIES @ 118.230± SF GROSS - 472.920 SF±
PARAPET - 87 0° MID SLOPE OF ROOF - 83 5°
BUILDING 2 - STORAGE II - 6 STORIES @ 14.8565 SF GROSS - 87.520 SF±
PARAPET - 870° MID SLOPE OF ROOF - 83 5°

FAR - 1.40 LOT COVERAGE - 143,300± SF - 36% OUTDOOR EQUIP STORAGE - 22,300± SF - 6%

GROSS BUILDING - 586,440± SF PROD. DATA HALL - 6@ 19,780 SF = 118,680 SF DEV. DATA HALL - 6.@ 19,780 SF = 118,680 SF MCCH GALLERY - 24@ 3,238 SF = 48,260 SF OPEN OFFICE - 58 @ 2,270 SF = 68,250 GF MSC. - 118,370 SF = 6,220 SF = 4 @ 9420 SF = 51,000 SF



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CORGAN =



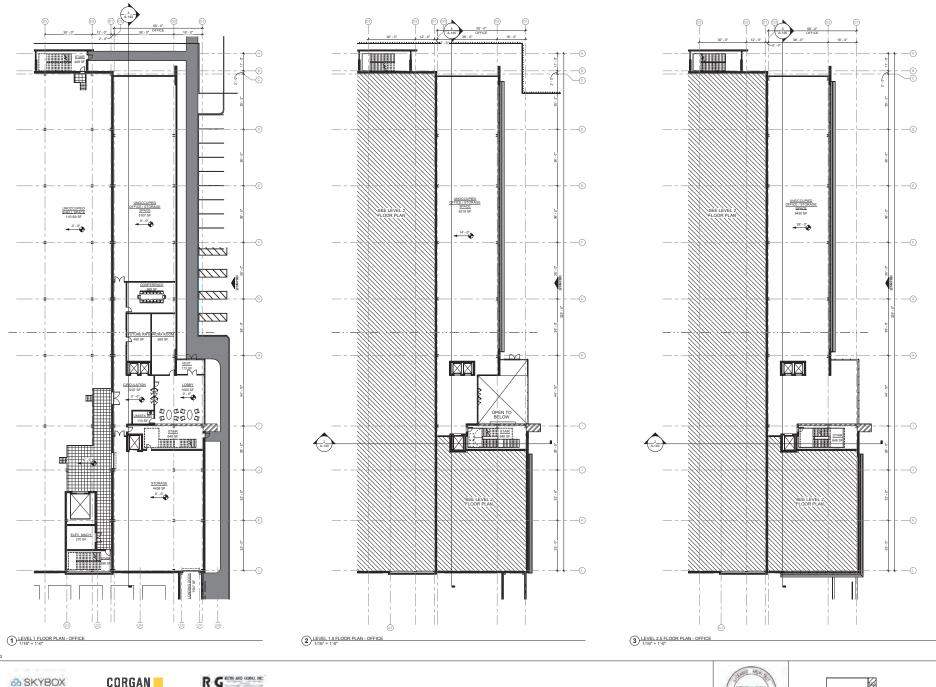




1/16" = 1'-0" 04.09.2020









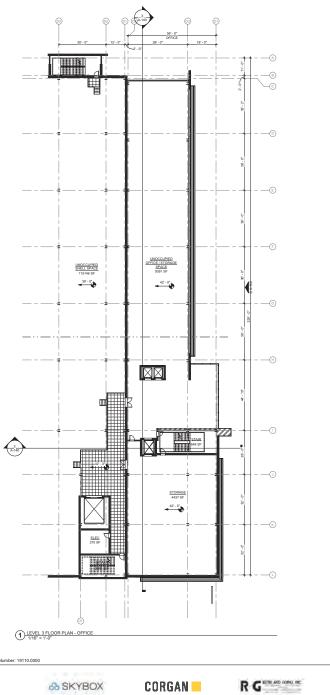
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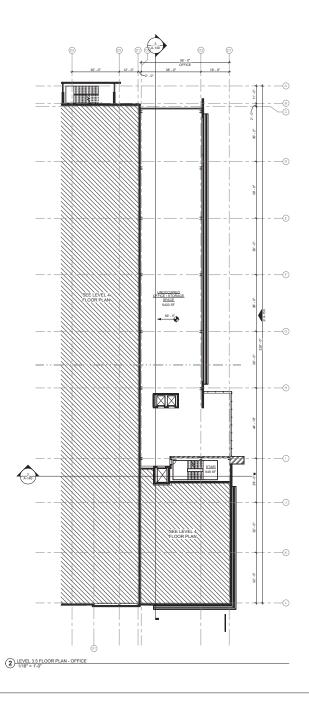


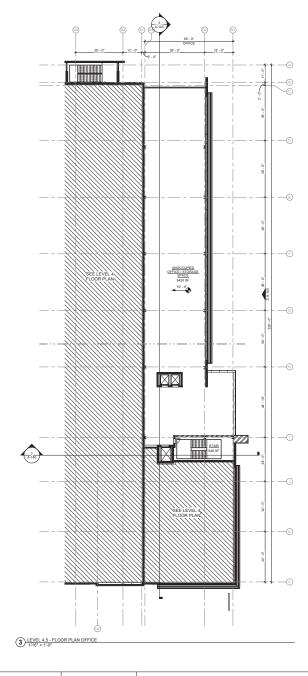


















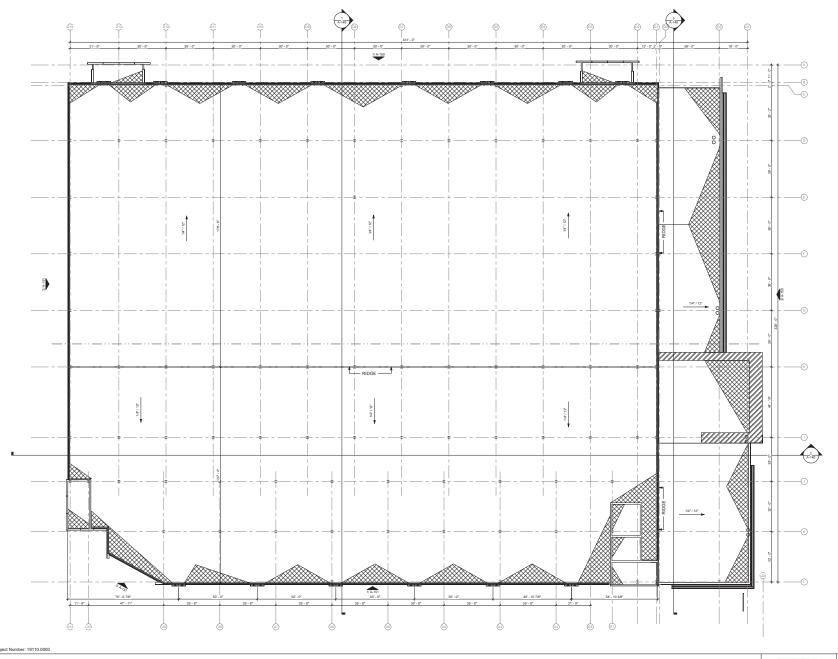


OFFICE LEVEL - FLOOR PLANS 1/16" = 1'-0" 04.09.2020









LOT SIZE - 400,038± SF - 9.18 ACRES

2 PROPOSED BUILDINGS - TYPE IIA
BUILDING 1 - STORAGE II - 4 STORIES @ 118.230± SF GROSS - 472.920 SF±
PARAPET - 87 0° MID SLOPE OF ROOF - 83 5°
BUILDING 2 - STORAGE II - 6 STORIES @ 14.856± SF GROSS - 87.520 SF±
PARAPET - 870° MID SLOPE OF ROOF - 83 5°

FAR - 1.40 LOT COVERAGE - 143,300± SF - 36% OUTDOOR EQUIP STORAGE - 22,300± SF - 6%

GROSS BUILDING - 586,440± SF PROD. DATA HALL - 6@ 19,760 SF = 118,680 SF DEV. DATA HALL - 6@ 19,760 SF = 118,680 SF MCCH GALLERY - 24@ 3,258 SF = 48,260 SF USPROFICE - 58 @ 2,270 SF = 68,250 GF MSC. - 118,370 SF = 6,220 SF = 4 @ 9420 SF = 51,000 SF MSC.

SKYBOX

CRITICAL

CORGAN

R G WITH AND COME INC

Facility of Garden



1/16" = 1'-0" 04.09.2020







& SKYBOX

CRITICAL

CORGAN =



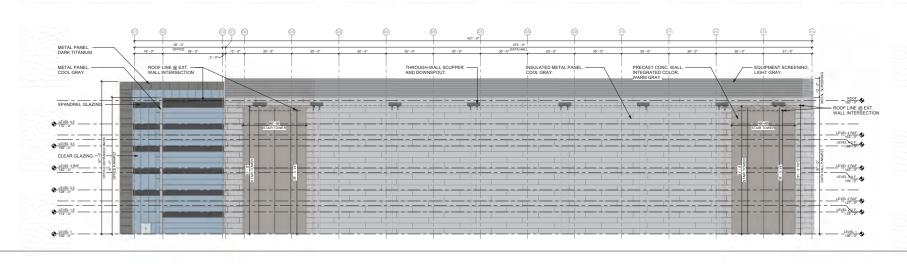




04.09.2020











1 NORTH 1/16" = 1'-0"





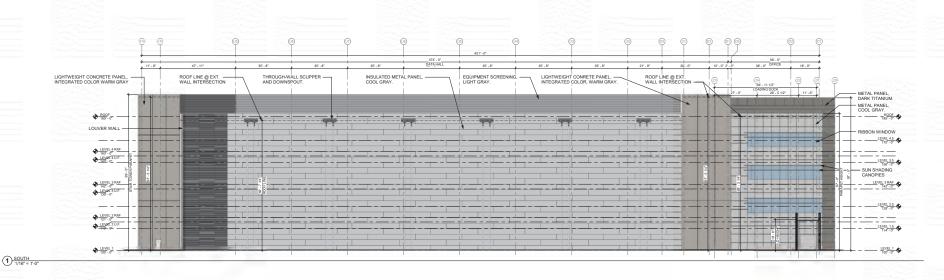












METAL PANEL DARK TITANBUM

CURTAN WALL GAZING

PRECAST CONC. WALL PANEL

NYEGINATED CO.COR.

WALL STATES CO.C.

WALL PANEL

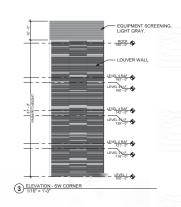
NYEGINATED CO.C.

NYEGINATED CO.C.

WALL PANEL

NYEGINATED CO.C.

NYEGINAT



Project Number: 19110.000



2 WEST 1/16" = 1'-0"





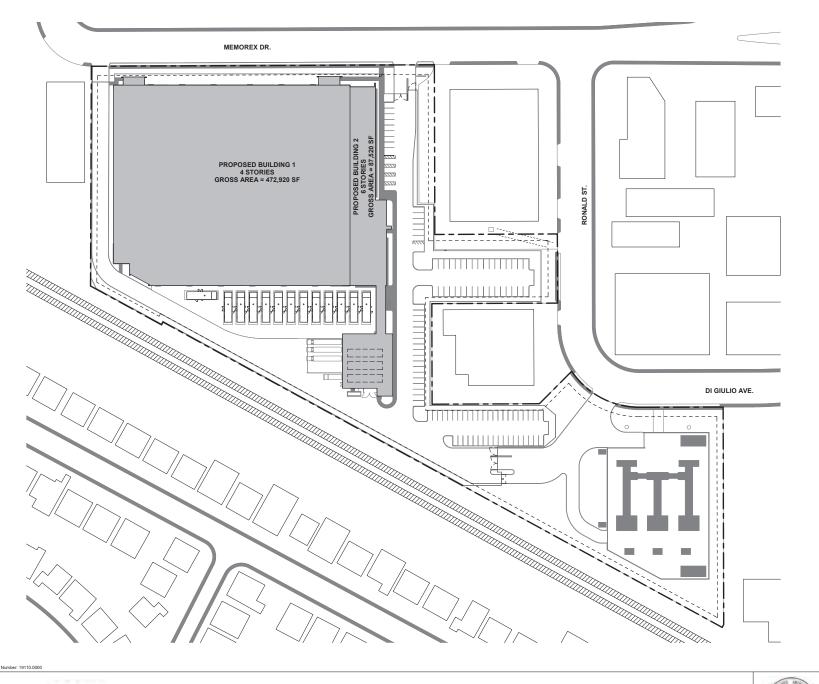












EXISTING

LOT SIZE - 400,038± SF - 9.18 ACRES

3 EXISTING BUILDINGS - TO BE DEMOLISHED

BUILDING 1 - FACTORY - 3 STORIES @ 116.679± SF BUILDING FOOTPRINT BUILDING 2 - FACTORY - 2 STORIES @ 22,996± SF BUILDING FOOTPRINT BUILDING 3 - STORAGE - 1 STORY @ 2,944± SF BUILDING FOOTPRINT

LOT COVERAGE - 142 619+ SE - 36%

PROPOSED

LOT SIZE - 400,038± SF - 9.18 ACRES

2 PROPOSED BUILDINGS - TYPE IIA
BUILDING 1 - STORAGE II - 4 STORES @ 118.230: SF GROSS - 472,020 SF±
PARAPET - 87 0" MID SLOPE OF ROOF - 83 5"
BUILDING 2 - STORAGE II - 6 STORES @ 14.885: SF GROSS - 87,520 SF±
PARAPET - 870" MID SLOPE OF ROOF - 83 6"

FAR - 1.40 LOT COVERAGE - 143,300± SF - 36% OUTDOOR EQUIP STORAGE - 22,300± SF - 6%

GROSS BUILDING - 580,4402 SF
PROD DATA HALL - 6@ (19.760 SF = 118,680 SF
DEV. DATA HALL - 6@ (19.760 SF = 118,680 SF
MECH GALLERY - 24@ (3.580 SF = 84.800 SF
UPS - 30@ (2.275 SF = 88.250 SF = 88.700 SF
MSC. - 118,770 SF + 8.250 SF + 4@ 9420 SF = 51,000 SF

DUCTION AND DEVELOPMENT DATA HALLS ARE IDENTIFIABLE BY THEIR BACKUP POWER GENER - PRODUCTION DATA HALL - BACKUP POWER GENERATION PROVIDED FOR 100% OF LOAD - DEVELOPMENT DATA HALL - NO BACKUP POWER GENERATION PROVIDED.

PARKING

- 112 REQUIRED SPACES @ 1 PER 5,000 SF 113 PARKING SPACES PROVIDED 50 PARKING SPACES (C) 41 COMPACT PARKING SPACES (C) 11 CLEAN TO THE THE TO TH

BICYCLE PARKING - 5% SHORT & LONG TERM 6 SHORT TERM SPACES (ST) 6 LONG TERM SPACES (LT)

Project Number: 19110.0000









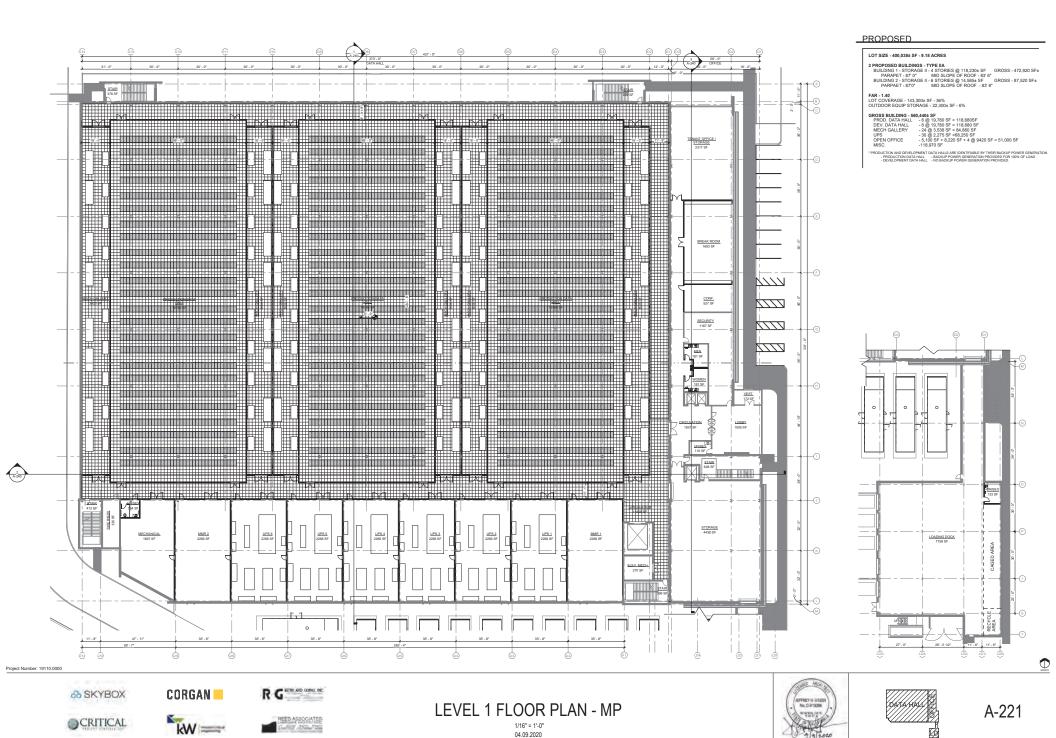
1" = 40'-0" 04.09.2020

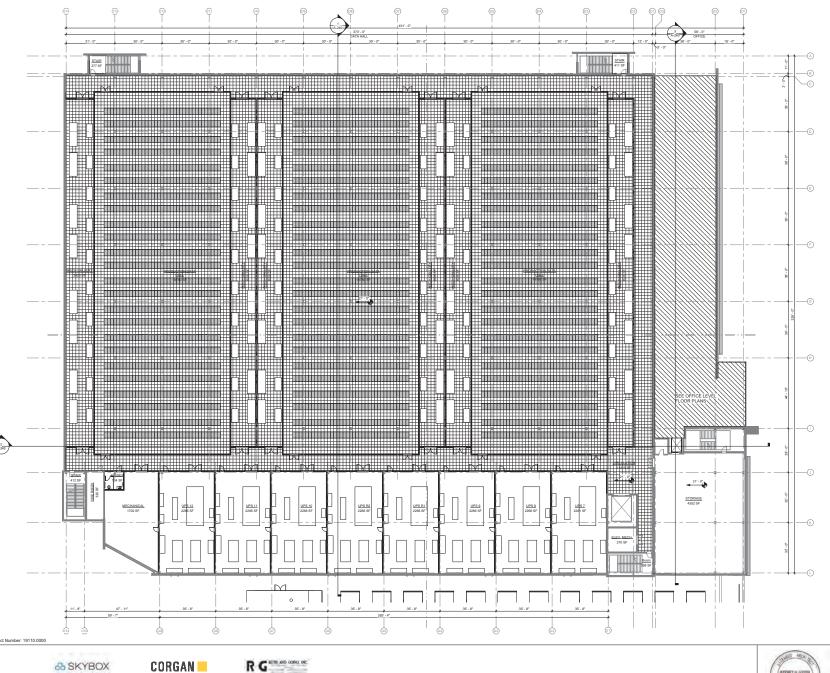




A-210

ON NORTH





LOT SIZE - 400,038± SF - 9.18 ACRES

2 PROPOSED BUILDINGS - TYPE IIA
BUILDING 1 - STORAGE II - 4 STORIES @ 118,230± SF GROSS - 472,920 SF±
PARAPET - 37 ° BUILDING 2 - STORAGE II - 6 STORIES @ 14,585± SF GROSS - 87,520 SF±
PARPAET - 370° MID SLOPE GF ROOF - 637 6° GROSS - 87,520 SF±

FAR - 1.40 LOT COVERAGE - 143,300± SF - 36% OUTDOOR EQUIP STORAGE - 22,300± SF - 6%

./40± \$F -6 @ 19,780 \$F = 118,680\$F -6 @ 19,780 \$F = 118,680 \$F -24 @ 3.536 \$F = 84,860 \$F -30 @ 2.275 \$F =68,250 \$F -5,100 \$F + 8,220 \$F + 4 @ 9420 \$F = 51,000 \$F -118,970 \$F PROD. DATA HALL DEV. DATA HALL MECH GALLERY UPS OPEN OFFICE MISC.

SKYBOX CRITICAL CORGAN =

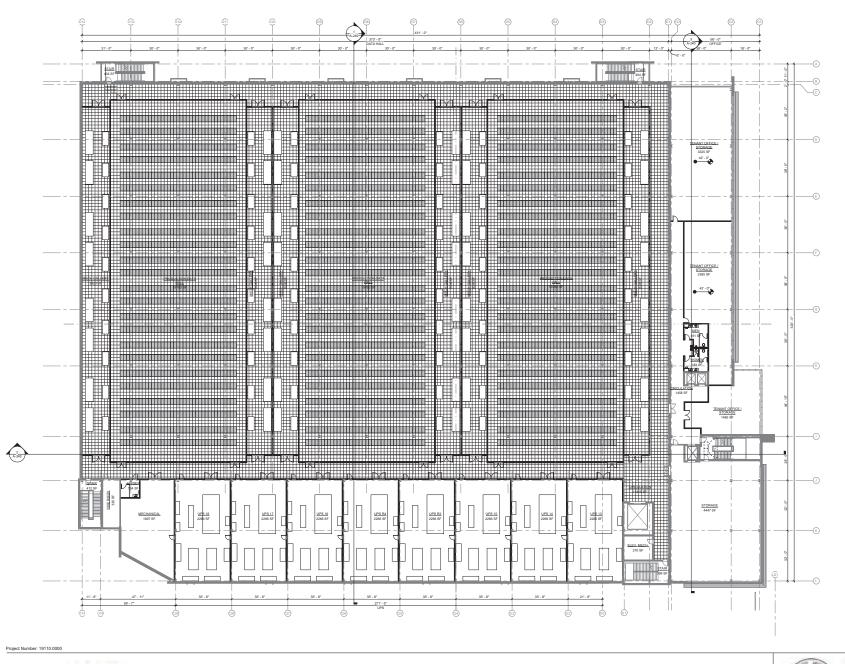




1/16" = 1'-0" 04.09.2020







LOT SIZE - 400,038± SF - 9.18 ACRES

2 PROPOSED BUILDINGS - TYPE IIA
BUILDING 1 - STORAGE II - 4 STORES @ 118,230 : SF GROSS - 472,220 SF±
PARAPET - 87 0" MID SLOPE OF ROOF - 87 6"
BUILDING 2 - STORAGE II - 6 STORIES @ 14,356 : SF GROSS - 87,520 SF±
PARAPET - 870" MID SLOPE OF ROOF - 83 5"

FAR - 1.40 LOT COVERAGE - 143,300± SF - 36% OUTDOOR EQUIP STORAGE - 22,300± SF - 6%

PROD. DATA HALL DEV. DATA HALL MECH GALLERY UPS OPEN OFFICE MISC.

440± SF -6 @ 19,780 SF = 118,680 SF -6 @ 19,780 SF = 118,680 SF -24 @ 3,536 SF = 84,860 SF -30 @ 2,275 SF =68,250 SF -5,100 SF +8,220 SF +4 @ 9420 SF = 51,000 SF -118,970 SF



A-223



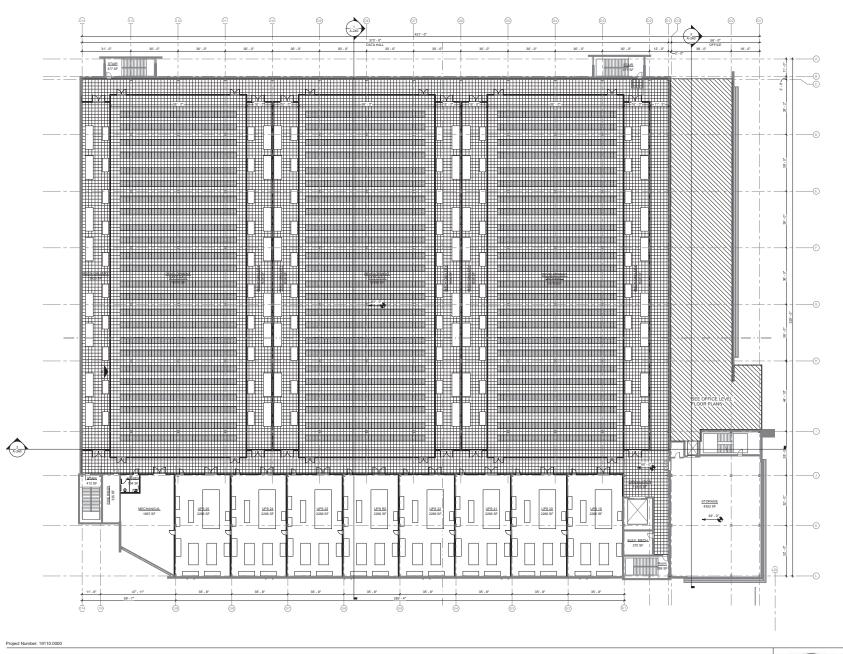


kW==





LEVEL 3 FLOOR PLAN - MP



PROPOSED

LOT SIZE - 400,038± SF - 9.18 ACRES

2 PROPOSED BUILDINGS - TYPE IIA
BUILDING 1 - STORAGE II - 4 STORIES @ 118,230± SF GROSS - 472,920 SF±
PARAPET - 37 ° BUILDING 2 - STORAGE II - 6 STORIES @ 14,585± SF GROSS - 87,520 SF±
PARPAET - 370° MID SLOPE GF ROOF - 637 6° GROSS - 87,520 SF±

FAR - 1.40 LOT COVERAGE - 143,300± SF - 36% OUTDOOR EQUIP STORAGE - 22,300± SF - 6%

PROD. DATA HALL DEV. DATA HALL MECH GALLERY UPS OPEN OFFICE MISC.

./40± \$F -6 @ 19,780 \$F = 118,680\$F -6 @ 19,780 \$F = 118,680 \$F -24 @ 3.536 \$F = 84,860 \$F -30 @ 2.275 \$F =68,250 \$F -5,100 \$F + 8,220 \$F + 4 @ 9420 \$F = 51,000 \$F -118,970 \$F



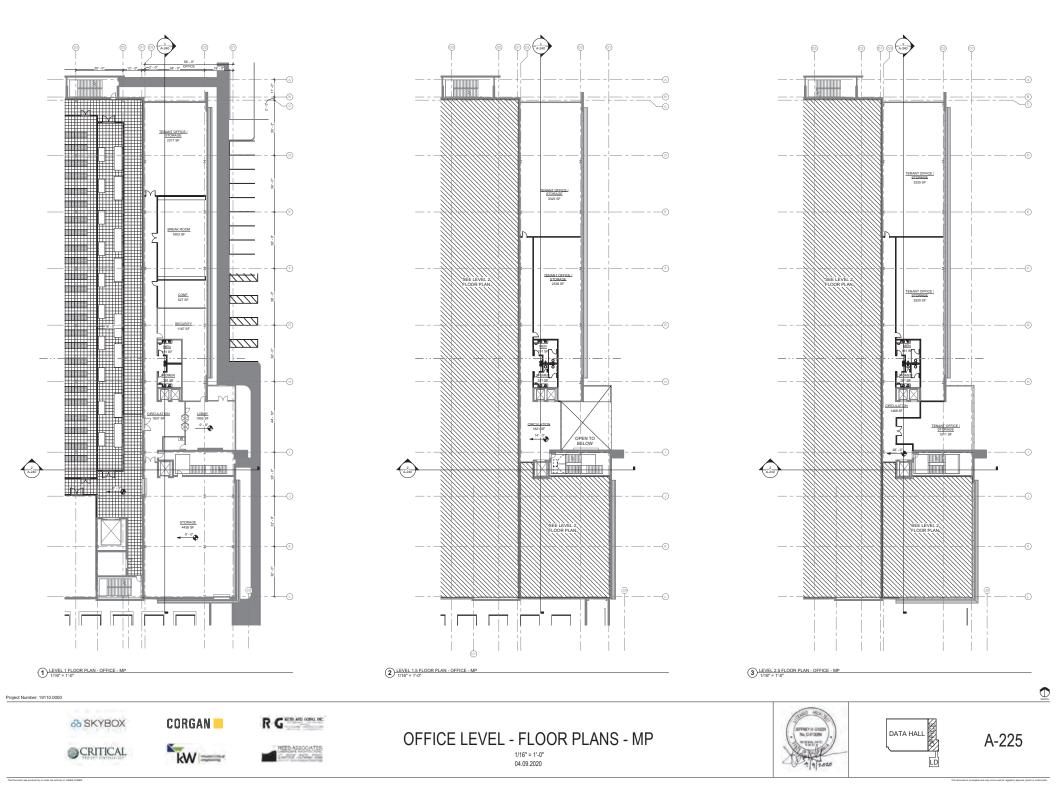


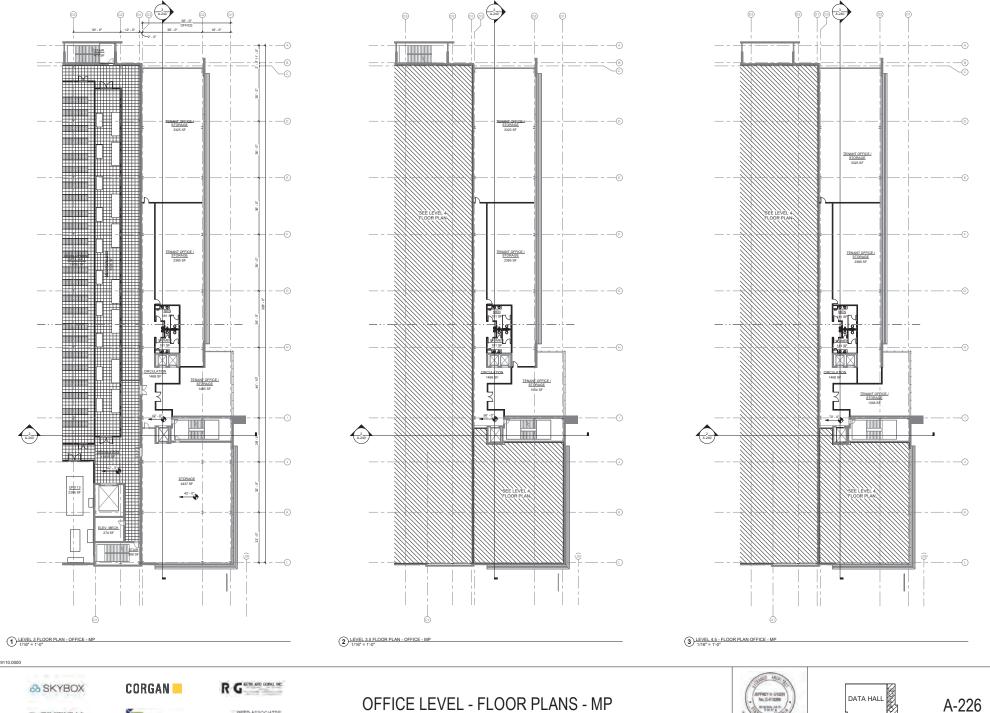










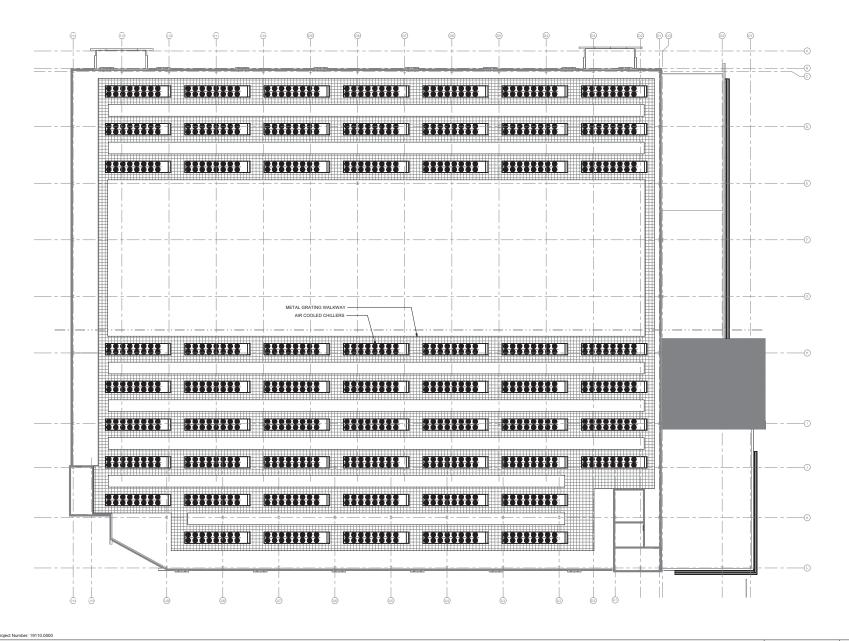


CRITICAL













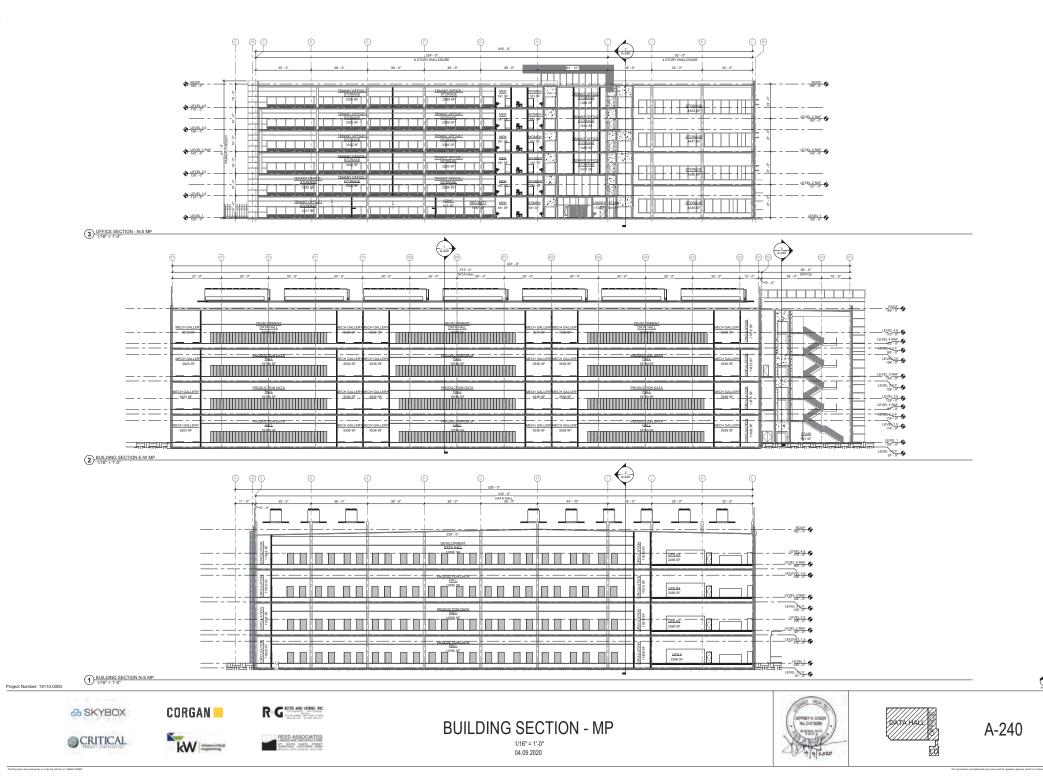


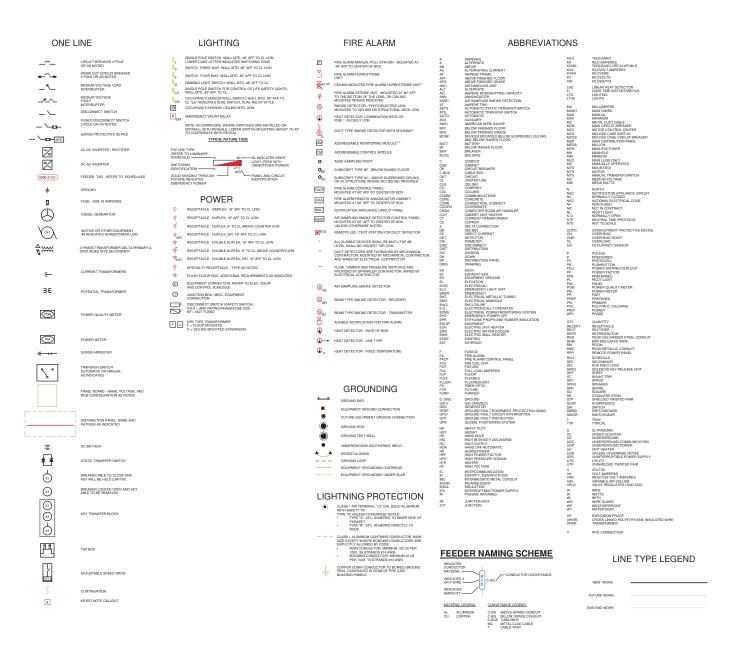












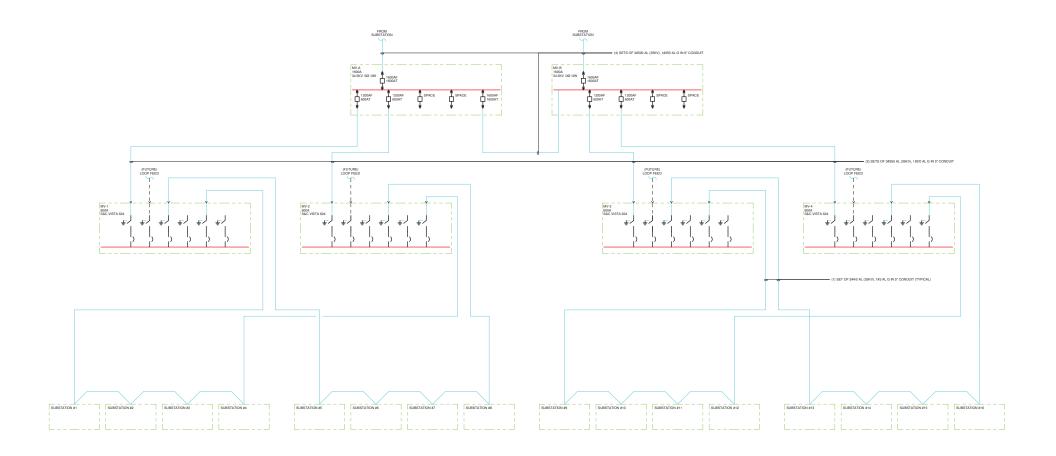


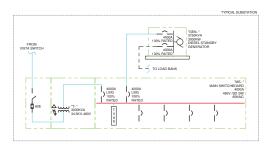
























2223 2223 2223

KEYED NOTES

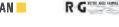
- 1 PROVINCE TWO OF SUP PAY TRANSFORMER PADS IN WORNTY FOR SUP CONTROL ROOM FOWER DVENSS (20V SCUPECES REQUIRED, REFERENCE SUP UG100: FOR ADDITIONAL REQUIREMENTS.

 2 PROVIDE (1) AC FOR SUP FIBER OPTIC CONNECTION 3 TIE INTO EXISTING DUCTBANK AT INDICATED LOCATI 4 SCOPE OF WORK BY OTHERS.









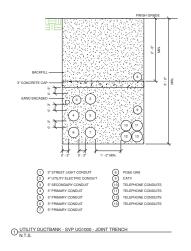




1" = 40'-0" 03.17.2020











kW















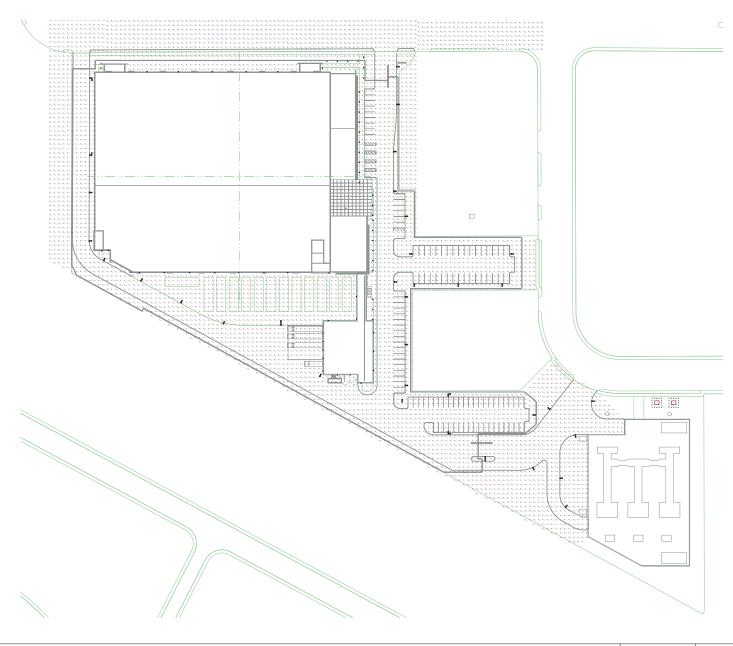




























LUMNARE SO-EDULE								
FIXTURE TYPE	Manufacturer	Cat. No.	Description	Lamp Count	Lamp Type	Input Voltage	Wattage	Mounting
	LITHONIA		SPECIFICATION LED BOLLARD WITH SYMMETRIC DISTRIBUTION, 8" DIAMETER, 40" HEIGHT	1	4000K LED MODULE, 1598 LUMEN OUTPUT	MVOLT	28W	MOUNTED 3'-6" ABOVE FINISHED GRADE U.O.N.
	SIGNIFY GARDCO	H14L-48L-700-NW-G2-2	FORM TEN SQUARE AREA LED, 48 LED's, 4000K CCT, TYPE II OPTIC, GLASS LENS	1	4000K LED MODULE, 8476 LUMEN OUTPUT	277V	110W	POLE MOUNTED 25'-0" ABOVE FINISHED GRADE U.O.N.
	SIGNIFY GARDCO		FORM TEN SQUARE AREA LED, 48 LED's, 4000K CCT, TYPE II OPTIC, GLASS LENS TWO HEAD OPTION 180 DEGREE ORIENTATION	2	4000K LED MODULE, 8476 LUMEN OUTPUT	277V		POLE MOUNTED 25'-0" ABOVE FINISHED GRADE U.O.N.
	SIGNIFY GARDCO		FORM TEN SQUARE AREA LED, 48 LED's, 4000K CCT, TYPE III OPTIC, GLASS LENS	1	4000K LED MODULE, 11446 LUMEN OUTPUT	277V		POLE MOUNTED 25'-0" ABOVE FINISHED GRADE U.O.N.
	SIGNIFY GARDCO		FORM TEN SQUARE AREA LED, 48 LED's, 4000K CCT, TYPE II OPTIC, GLASS LENS TWO HEAD OPTION 90 DEGREE ORIENTATION	2	4000K LED MODULE, 8476 LUMEN OUTPUT	277V		POLE MOUNTED 25'-0" ABOVE FINISHED GRADE U.O.N.
W1	LITHONIA	WST LED P1 40K VF MVOLT	EXTERIOR LED WALL MOUNT, VISUAL COMFORT, FORWARD THROW	1	4000K LED MODULE, 1500 LUMEN OUTPUT	MVOLT	12W	MOUNTED 16'-0" ABOVE FINISHED FLOOR U.O.N.
W2	LITHONIA	WST LED P1 40K VF MVOLT	EXTERIOR LED DOOR PACK, VISUAL COMFORT, FORWARD THROW	1	4000K LED MODULE, 1500 LUMEN OUTPUT	MVOLT	12W	MOUNTED 1'-0" OVER DOOR U.O.N.









