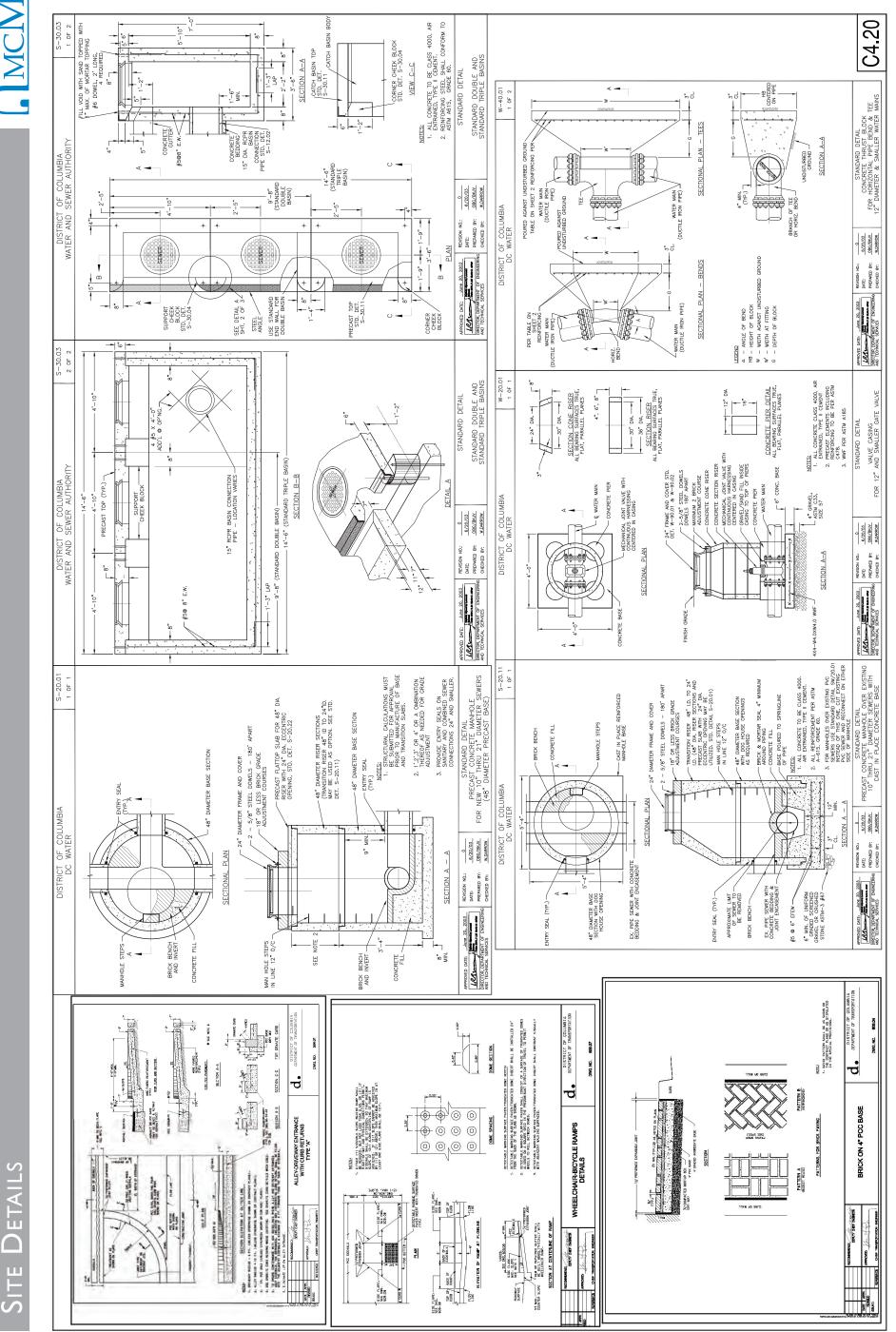
MCMILLAN



CIAIT ENCINEERING



ZONING COMMISSION

(INTENTIONALLY BLANK)

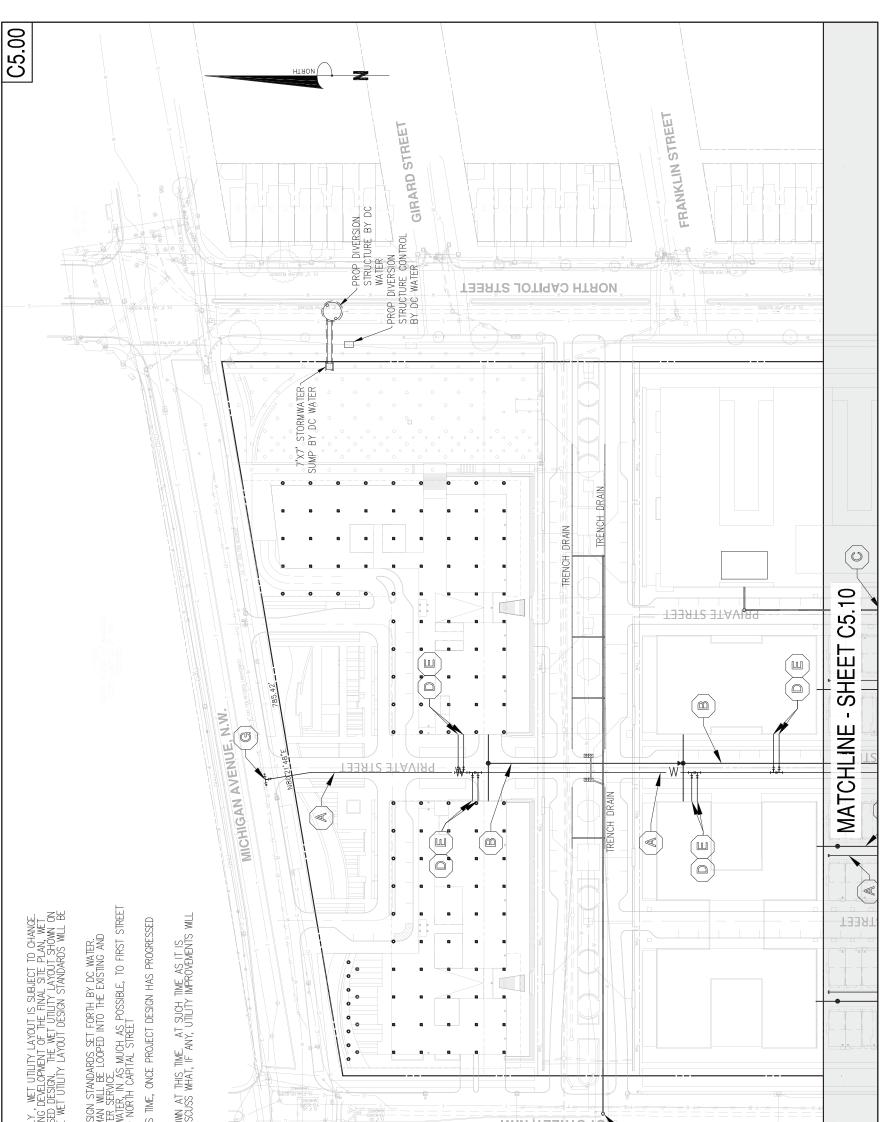


MCMILLAN – STAGE ONE PUD APPLICATION



UTILITY PLAN

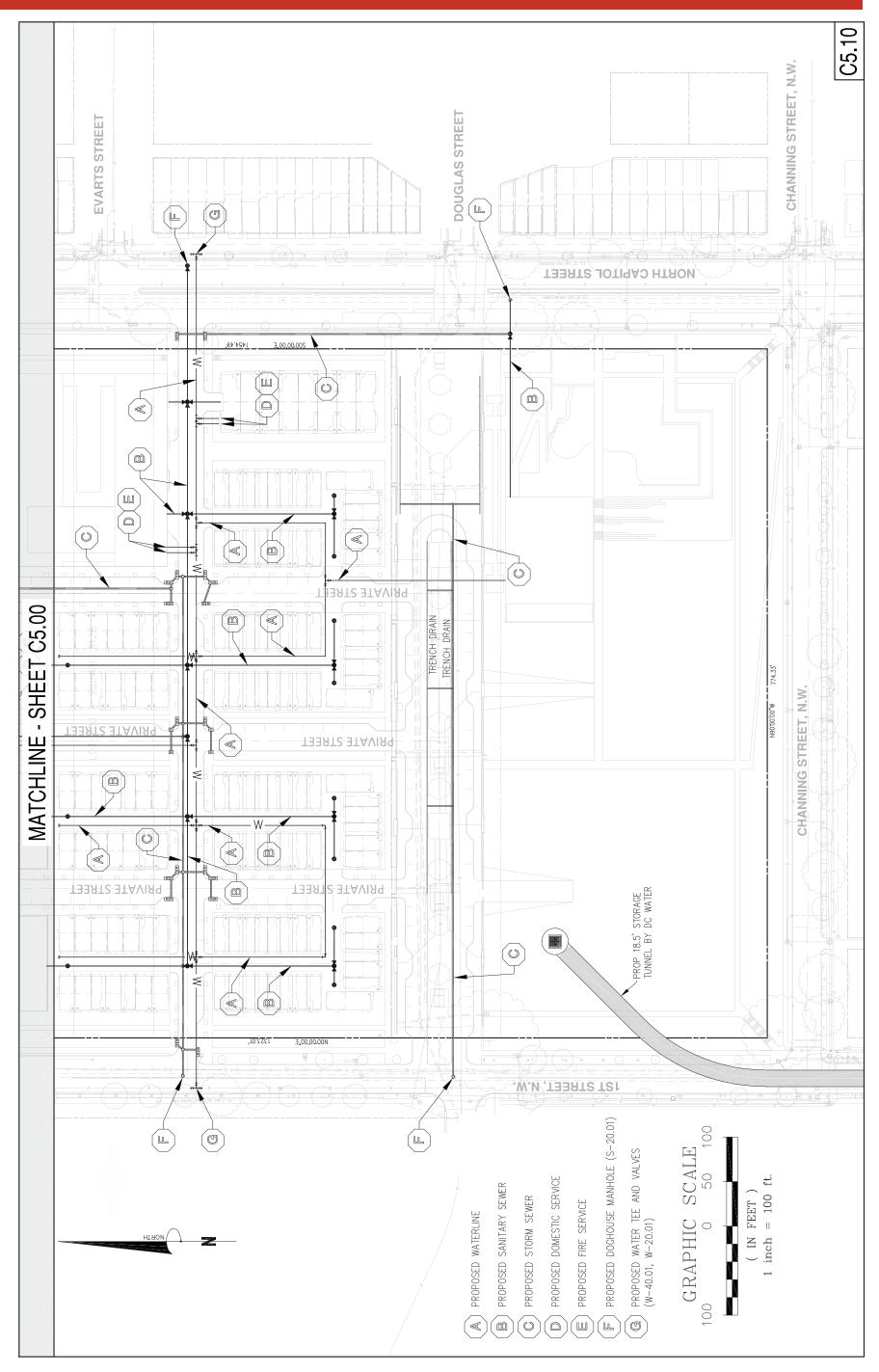
CIAIT ENCINEERING



|--|

CIAIT ENCINEERINC







WATER AND SANITARY COMPUTATIONS

NMCMILLAN

C5.20

		Esumated	Estimated water and samtary sewer Usage Chart Water Usage Estimate		
Type of Use	# of Units	Total SF	Average Daily Flow (GPD/Unit) or (GPD / 1.000 SF)	Peak Factor	Peak Flow (GPD)
			PARCEL 1		
OFFICE / RETAIL	-	875,000	200	9	1,050,000
			PARCEL 2		
FUTURE RETAIL	I	23,250	200	9	27,900
FUTURE RESIDENTIAL	258		300	9	464,400
			PARCEL 3		
FUTURE OFFICE / RETAIL	I	173,000	200	9	207,600
			PARCEL 4		
RETAIL	I	52,920	200	9	63,504
RESIDENTIAL	278	,	300	9	500,400
			PARCEL 5		
RESIDENTIAL	146	'	300	9	262,800
			Parcel 6		
PARK / COMMUNITY CENTER	I	17,500	200	9	21,000
			Parcel 7		
PUBLIC SPACE	I	1	1		
Total					2,597,604
			Sewer Usage Estimate		
Type of Use	# of Units	Total SF	Average Daily Flow (GPD/Unit) or (GPD / 1,000 SF)	Peak Factor	Peak Flow
			PARCEL 1		
OFFICE / RETAIL		875,000	200	9	1,050,000
			PARCEL 2		
FUTURE RETAIL	-	23,250	200	6	27,900
FUTURE RESIDENTIAL	258	-	300	9	464,400
			PARCEL 3		
FUTURE OFFICE / RETAIL	-	173,000	200	6	207,600
			PARCEL 4		
RETAIL	I	52,920	200	9	63,504
RESIDENTIAL	278	ı	300	6	500,400
			PARCEL 5		
RESIDENTIAL	146	'	300	9	262,800
			Parcel 6		
PARK / COMMUNITY CENTER	I	17,500	200	9	21,000
			Parcel 7		
PUBLIC SPACE	I	ı	I	I	1
Total					2,597,604

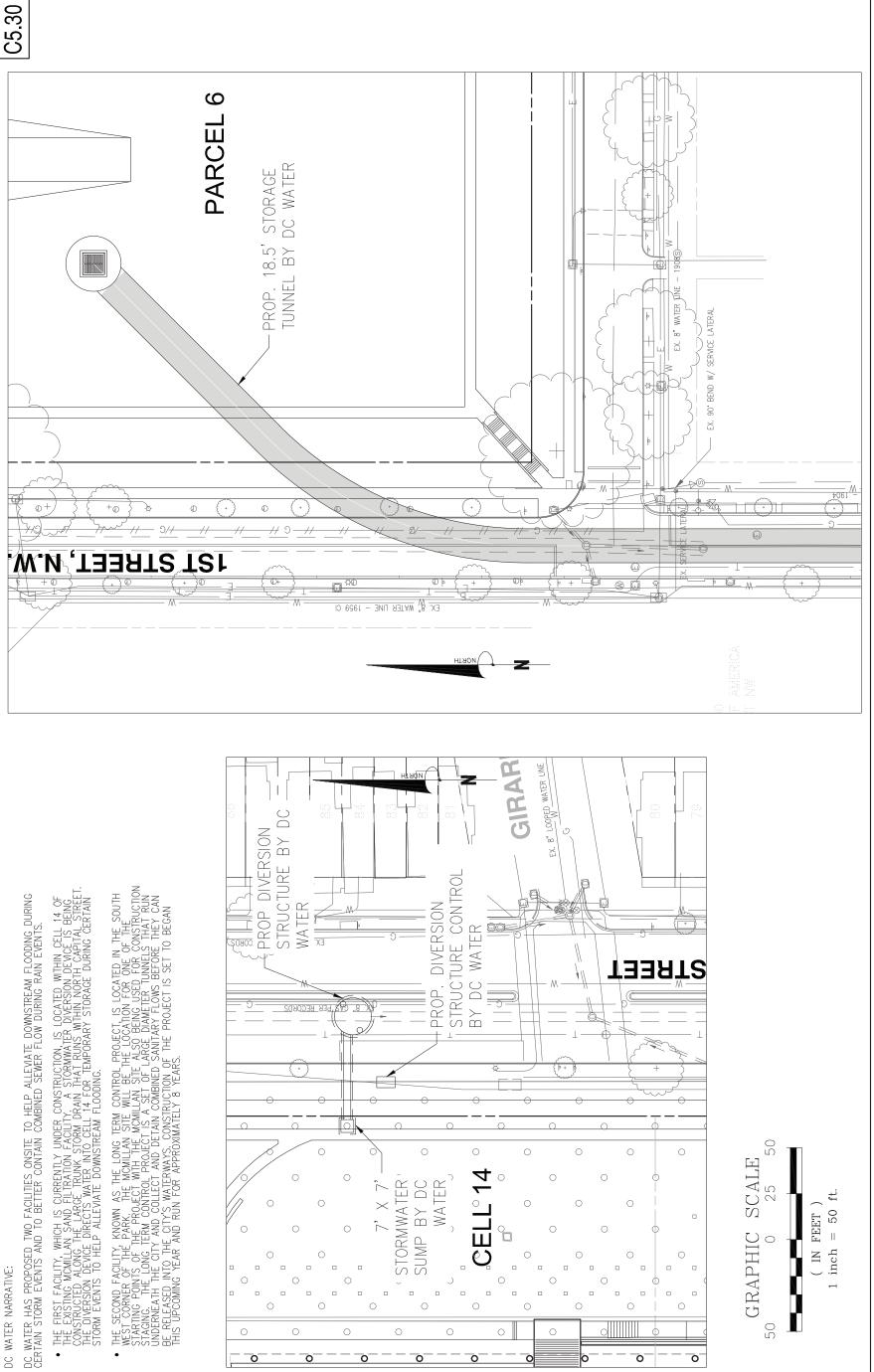
MCMILLAN – STAGE ONE PUD APPLICATION

14	
20	
ΙI,	
April	
112	

CIAIT ENCINEERINC

CIAIF ENCINEERING

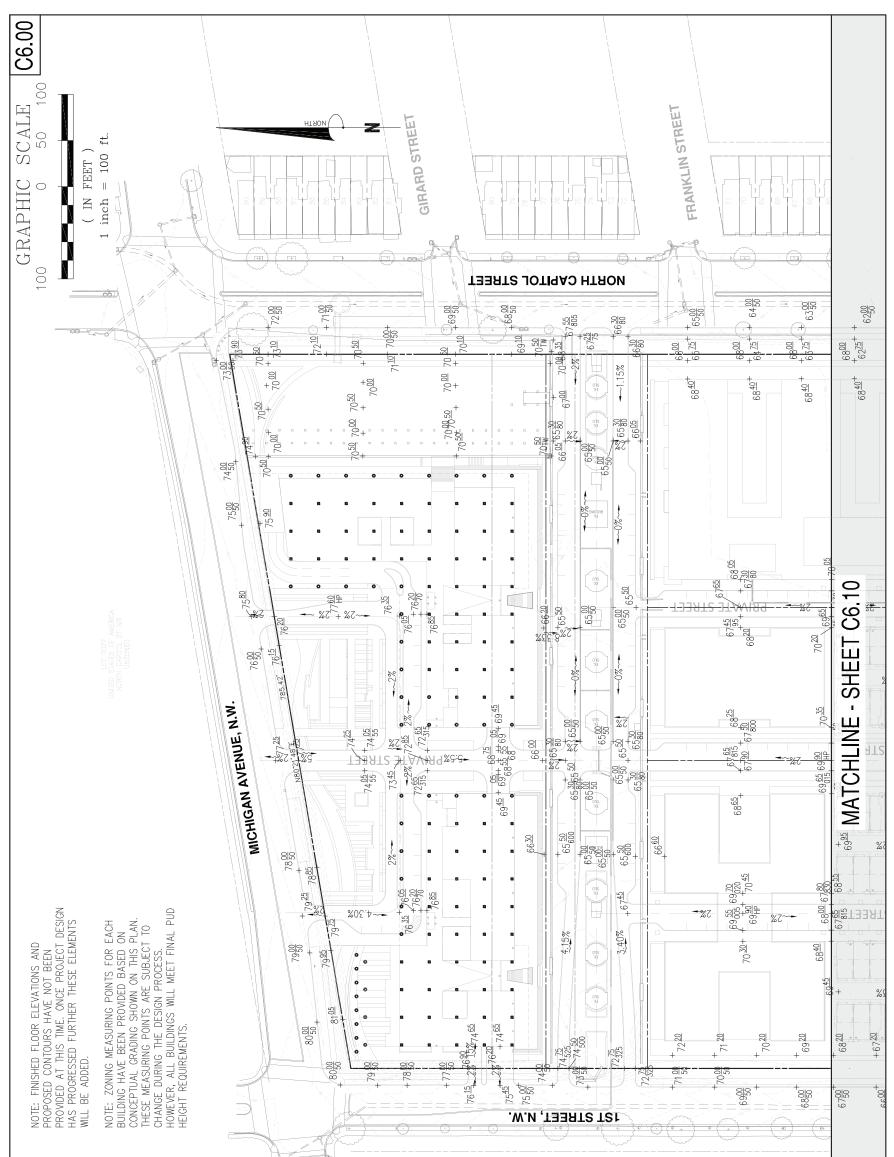
DC Water Plan



Bowman

DC WATER NARRATIVE:





GRADING NARRATIVE:

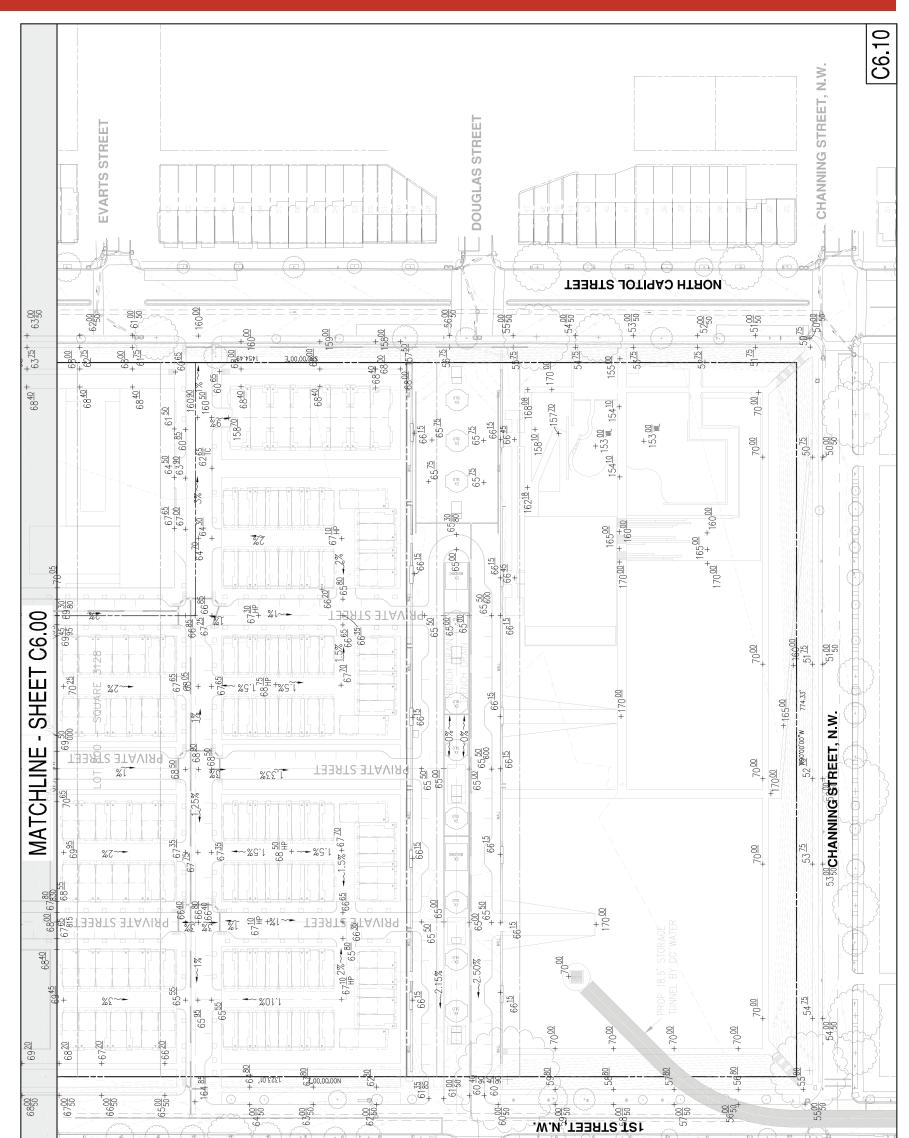
REVIEW ONLY AND CONCEPTUAL GRADING IS SUBJECT TO CHANGE. DURING THE FURTHER DEVELOPMENT OF THE PUD AND FORTHCOMING DEVELOPMENT OF THE FINAL SITE PLAN, GRADING WILL BE ADVANCED TO REFLECT ULTIMATE PROPOSED DESIGN. THE GRADING SHOWN ON THE PUD IS FOR INFORMATIONAL PURPOSES ONLY. HOWEVER, SOME GRADING DESIGN OF THE PROJECT. THESE INCLUDE: THE DESIGN OF THE PROJECT. THESE INCLUDE: CONCEPTUAL GRADING PROVIDED FOR PUD

CIAIF ENCINEERING

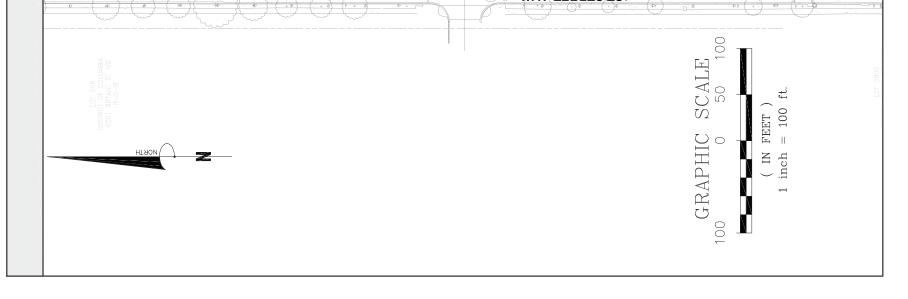
- ROADWAYS AND ALLEYS WILL HAVE A CROSS SLOPE OF 2%. •
- SIDEWALKS AND TRAILS WILL BE DESIGNED TO BE ADA COMPLIANT, OR AN ACCEPTABLE ADA PATH WILL BE PROVIDED. THE PARK AT CELL 14 WILL REMAIN AT •
- •
- THE CURRENT HISTORIC ELEVATION OF 170 FT WITH THE EXCEPTION OF MINIMAL GRADING TO SUPPORT DRAINAGE OF THE PARK AND TO TIE INTO EXISTING GRADES AT NORTH CAPITOL STREET AND MICHIGAN AVENUE.
 - THE NORTH SERVICE COURT WILL REMAIN AT THE CURRENT HISTORIC ELEVATION OF 165 FT WITH THE EXCEPTION OF MINIMAL GRADING TO SUPPORT DRAINAGE OF THE ROADWAY AND TO TIE INTO EXISTING GRADES AT NORTH CAPITOL STREET AND FIRST STREET. THE OLMSTED WALK ALONG NORTH CAPITOL •
 - STREET AND CHANNING STREET WILL HAVE A CONSTANT ELEVATION OF 170 FT EXCEPT BETWEEN THE NORTH SERVICE COURT AND THE SOUTH SERVICE COURT WHERE THE OLMSTED WALK WILL HAVE AN ELEVATION OF 168 FT. THE OLMSTED WALK ON MICHIGAN AVENUE AND FIRST STREET WILL FOLLOW ROADWAY GRADES. ٠ •
 - AREAS THAT DRAIN TO IT. IN LIEU OF OVERLAND RELIEF, THE STORM DRAIN SYSTEM IN THE NORTH SERVICE COURT WILL BE SIZED TO ACCOMMODATE THE 100 FOR THE NORTH SERVICE COURT AND ALL OVERLAND RELIEF CANNOT BE PROVIDED
 - AT THE CURRENT HISTORIC ELEVATION OF 165 FT WITH THE EXCEPTION OF MINIMAL GRADING TO SUPPORT DRAINAGE OF THE ROADWAY AND TO TIE INTO EXISTING YEAR STORM. THE SOUTH SERVICE COURT WILL REMAIN GRADES AT FIRST STREET
- CREATE A COMMUNITY GATHERING FEATURE SUPPORT DRAINAGE OF THE PARK AND TO THE PARK WILL REMAIN AT THE CURRENT HISTORIC ELEVATION OF 170 FT WITH THE EXCEPTION OF MINIMAL GRADING TO ALONG NORTH CAPITOL STREET. THE HISTORIC WALLS IN THE NORTH AND ٠
 - E COURT TO REMAIN, ADDITIONAL PROPOSED WALLS TO LOCATED IN THE PARK AREA. SOUTH SERVICE

CIAIT ENCINEERINC

Grading Plan







Z Ш

Stormwater Managem



TO CHANGE. DURING THE FURTHER DEVELOPMENT OF THE PUD AND FORTHCOMING DEVELOPMENT OF THE FINAL SITE PLAN, STORMWATER MANAGEMENT DESIGN WILL BE ADVANCED TO REFLECT ULTIMATE PROPOSED DESIGN. THE STORMWATER MANAGEMENT DESIGN SHOWN ON THE PUD IS FOR INFORMATIONAL PURPOSES ONLY; HOWEVER, SOME STORMWATER MANAGEMENT DESIGN STANDARDS WILL BE MET THROUGHOUT THE DESIGN OF THE PROJECT. THESE INCLUDE: STORMWATER MANAGEMENT PROVIDED FOR PUD REVIEW ONLY; STORMWATER MANAGEMENT DESIGN IS SUBJECT CONCEPTUAL

PROP DIVERSION STRUCTURE BY DC WATER

YX7 STORMWATER

PROP DIVERSIO STRUCTURE CO BY DC WATER

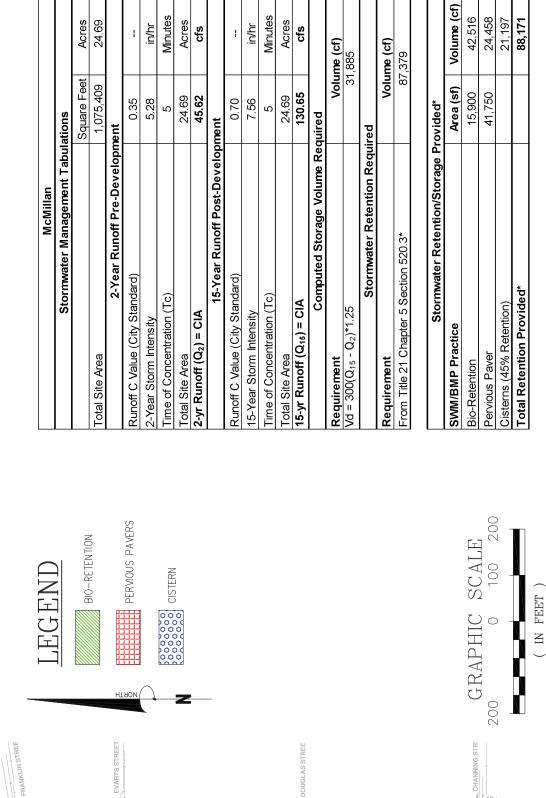
•

TEERTS JOTIGAD HTRON

- STORWWATER MANAGEMENT DESIGN WILL MEET OR EXCEED THE NEW DESIGN STANDARDS SET FORTH BY DDOE THE STORMWATER RUNOFF FROM THE INTERNAL STREETS, NORTH SERVICE COURT, SOUTH SERVICE COURT, CELL 14 PARK, AND THE PARK WILL BE TREATED USING LOW IMPACT DEVELOPMENT BMP MEASURES.

 - THE STORMWATER RUNOFF FROM PARCEL 5 WILL BE TREATED USING LOW IMPACT DEVELOPMENT BMP MEASURES THE STORMWATER RUNOFF FROM PARCELS 1, 2, 3, AND 4 WILL BE TREATED USING A COMBINATION OF ON-SITE STORMWATER MANAGEMENT PRACTICES SUCH AS GREEN ROOF AND CISTERNS.

NOTE: ONLY APPROXIMATE AREAS WHERE STORMWATER MANAGEMENT PRACTICES WILL BE LOCATED HAVE BEEN SHOWN ON THE PLAN, THE ACTUAL DESIGN OF THE FACILITIES WILL BE PROVIDED DURING FINAL SITE PLAN.



NORTH CAPITOL STREET

*Uses DC Stormwater General Compliance Spreadsheet

1 inch = 200 ft.

CIAIF ENCINEERING

