

LEGEND

- 23.8 SPOT ELEVATION
- 10 CONTOUR LINE
- BIO-RETENTION TREATMENT AREA

DATUM: NOTE ALL ELEVATIONS ARE NAVD 88
BASE FLOOD ELEV. 10.3

NORTH

GRAPHIC SCALE 1" = 80'

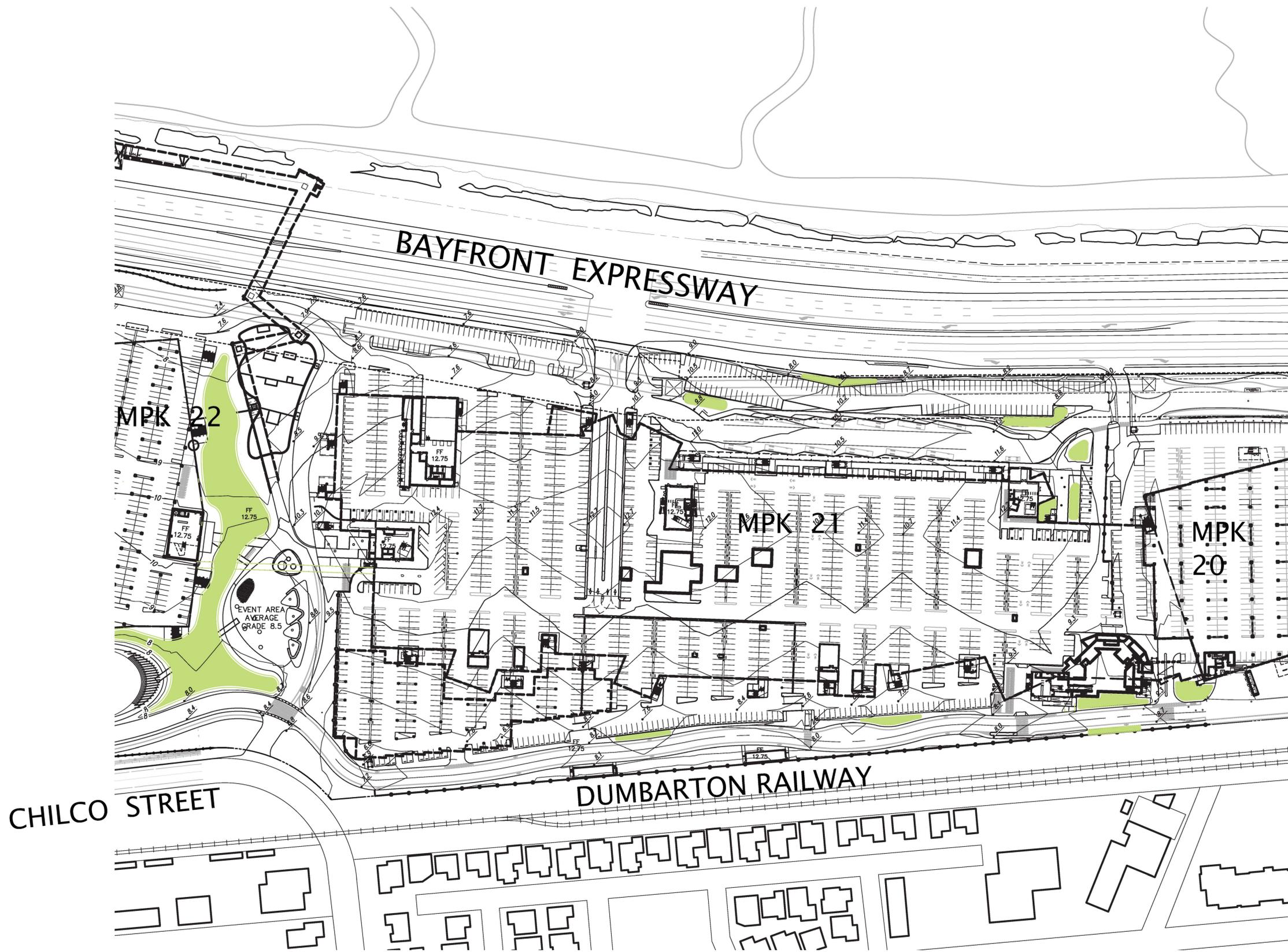
Facebook Campus Expansion
 Buildings 21, 22 & Hotel Site
 301-309 Constitution Drive, Menlo Park, California
 Kier & Wright Civil Engineers and Surveyors

GRADING PLAN | C1-01
 SCALE : 1" = 80'
 11X17 SCALE IS 1" = 300'
 MARCH 04, 2016

LEGEND

- 23.8 SPOT ELEVATION
- 10- CONTOUR LINE
- BIO-RETENTION TREATMENT AREA

DATUM: NOTE ALL ELEVATIONS ARE NAVD 88
BASE FLOOD ELEV. 10.3



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GRADING PLAN | C1-02

SCALE : 1" = 80'
11X17 SCALE IS 1" = 300'
MARCH 04, 2016

MPK-21 STORMWATER TREATMENT ANALYSIS				
Site Level				
TYPE	TOTAL AREA (SQ.FT.)	PERVIOUS (SQ. FT.)	IMPERVIOUS SURFACE (SQ.FT.)	% IMPERVIOUS
Impervious Paving	556,117		556,117	
Pervious Landscape	156,025	156,025		
Total Site Level	712,142	156,025	556,117	78%
Roof and Terrace Level				
Impervious Paving	277,014		277,014	
Total Roof and Terrace Levels	277,014	0	277,014	100%
MPK-21 TOTAL	989,156	156,025	833,131	84%

MPK-23 STORMWATER TREATMENT ANALYSIS				
Site Level				
TYPE	TOTAL AREA (SQ.FT.)	PERVIOUS (SQ. FT.)	IMPERVIOUS SURFACE (SQ.FT.)	% IMPERVIOUS
Impervious Paving	120,152		120,152	
Pervious Softscape	67,342	67,342		
Total Site Level	187,494	67,342	120,152	64%
Roof Level				
Impervious Paving	179,810		179,810	
Total Roof Level	179,810	0	179,810	100%
MPK-23 TOTAL	367,304	67,342	299,962	82%

*PG&E SUB STATION =16,503 SQ.FT

MPK-22 STORMWATER TREATMENT ANALYSIS				
Site Level				
TYPE	TOTAL AREA (SQ.FT.)	PERVIOUS (SQ. FT.)	IMPERVIOUS SURFACE (SQ.FT.)	% IMPERVIOUS
Impervious Paving	590,239		590,239	
Pervious Softscape	121,151	121,151		
Total Site Level	711,390	121,151	590,239	83%
Roof and Terrace Level				
Impervious Paving	368,804		368,804	
Total Roof and Terrace Levels	368,804	0	368,804	100%
MPK-22 TOTAL	1,080,194	121,151	959,043	89%

HOTEL STORMWATER TREATMENT ANALYSIS				
Site Level				
TYPE	TOTAL AREA (SQ.FT.)	PERVIOUS (SQ. FT.)	IMPERVIOUS SURFACE (SQ.FT.)	% IMPERVIOUS
Impervious Paving	77,054		77,054	
Pervious Softscape	26,220	26,220		
Total Site Level	103,274	26,220	77,054	75%
Roof and Terrace Level				
Impervious Paving	0		0	
Total Roof and Terrace Levels	0	0	0	0%
HOTEL TOTAL	103,274	26,220	77,054	75%

TE SITE PLAN TOTAL	2,539,928	370,738	2,169,190	85%
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PERVIOUS / IMPERVIOUS CALCULATIONS EXISTING CONDITIONS | C1-03

MARCH 04, 2016

MPK-21 STORMWATER TREATMENT ANALYSIS				
Site Level				
TYPE	TOTAL AREA (SQ.FT.)	PERVIOUS (SQ. FT.)	IMPERVIOUS SURFACE (SQ.FT.)	% IMPERVIOUS
Pervious Paving	0	0		
Impervious Paving	374,582		374,582	
Pervious Landscape	197,276	197,276		
Total Site Level	571,858	197,276	374,582	66%
Roof and Terrace Level				
Impervious Paving	307,836		307,836	
Pervious Softscape	109,462	109,462		
Total Roof and Terrace Levels	417,298	109,462	307,836	74%
MPK-21 TOTAL	989,156	306,738	682,418	69%

MPK-23 STORMWATER TREATMENT ANALYSIS				
Site Level				
TYPE	TOTAL AREA (SQ.FT.)	PERVIOUS (SQ. FT.)	IMPERVIOUS SURFACE (SQ.FT.)	% IMPERVIOUS
Pervious Paving	0	0		
Impervious Paving	120,152		120,152	
Pervious Softscape	67,342	67,342		
Total Site Level	187,494	67,342	120,152	64%
Roof Level				
Impervious Paving	179,810		179,810	
Pervious Softscape	0	0	0	
Total Roof Level	179,810	0	179,810	100%
MPK-23 TOTAL	367,304	67,342	299,962	82%

MPK-22 STORMWATER TREATMENT ANALYSIS				
Site Level				
TYPE	TOTAL AREA (SQ.FT.)	PERVIOUS (SQ. FT.)	IMPERVIOUS SURFACE (SQ.FT.)	% IMPERVIOUS
Pervious Paving	0	0		
Impervious Paving	374,731		374,731	
Pervious Softscape	219,729	219,729		
Total Site Level	594,460	219,729	374,731	63%
Roof and Terrace Level				
Impervious Paving	413,527		413,527	
Pervious Softscape	72,207	72,207		
Total Roof and Terrace Levels	485,734	72,207	413,527	85%
MPK-22 TOTAL	1,080,194	291,936	788,258	73%

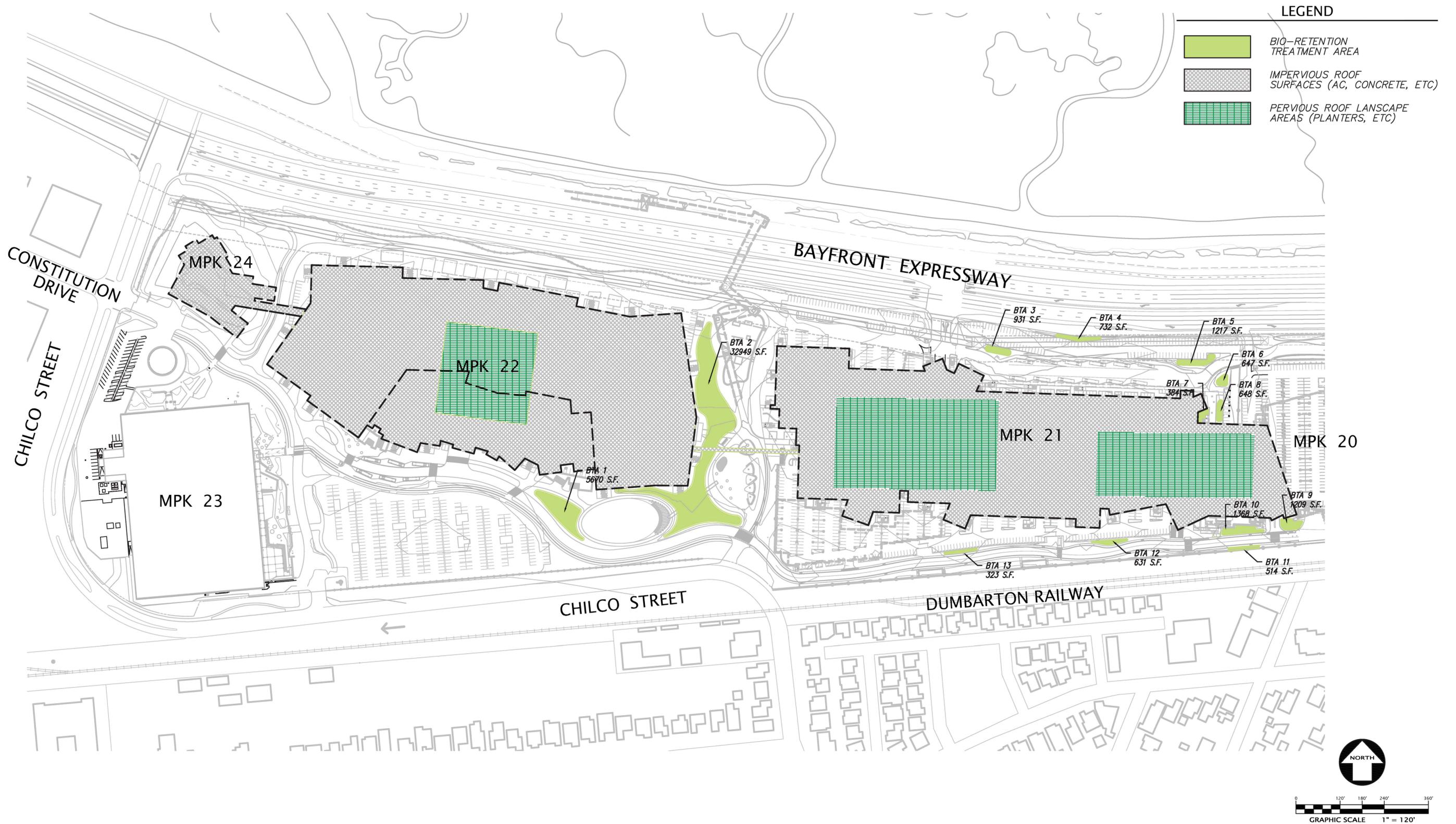
HOTEL STORMWATER TREATMENT ANALYSIS				
Site Level				
TYPE	TOTAL AREA (SQ.FT.)	PERVIOUS (SQ. FT.)	IMPERVIOUS SURFACE (SQ.FT.)	% IMPERVIOUS
Pervious Paving	0	0		
Impervious Paving	44,661		44,661	
Pervious Softscape	20,536	20,536		
Total Site Level	65,197	20,536	44,661	69%
Roof and Terrace Level				
Impervious Paving	38,077		38,077	
Pervious Softscape	0	0		
Total Roof and Terrace Levels	38,077	0	38,077	100%
HOTEL TOTAL	103,274	20,536	82,738	80%
TE PROPOSED SITE PLAN TOTAL	2,539,927	686,552	1,853,376	73%

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PERVIOUS / IMPERVIOUS CALCULATIONS PROPOSED CONDITIONS | C1-04

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PERVIOUS / IMPERVIOUS CALCULATIONS PLAN | C1-05

SCALE : 1" = 80'
 11X17 SCALE IS 1" = 300'
 MARCH 04, 2016

FLOOD_ZONE

FEMA_ZONE: AE (PER FLOOD INSURANCE RATE MAP, DATED OCTOBER 16, 2012, COMMUNITY PANEL NUMBER 0608100306E)
 BASE FLOOD ELEVATION IS 10.3 FEET
 *PER FLOOD INSURANCE STUDY BY FEMA, OCTOBER 16, 2012 (NAVD 88)

EASEMENT_INFORMATION

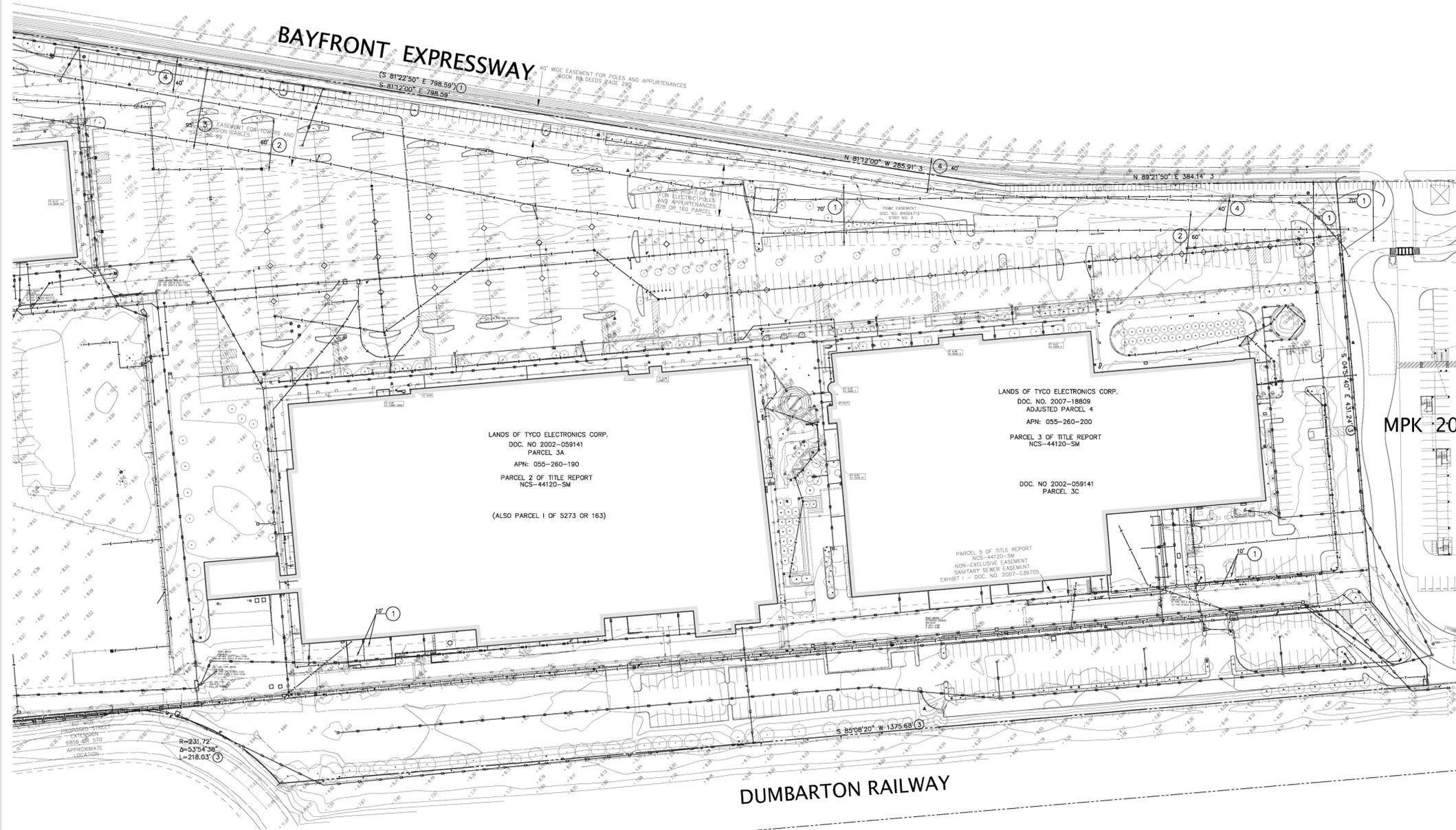
- 1 POLE TOWER EASEMENT
- 2 ELECTRIC POLE RIGHT OF WAY
- 3 TOWER & TRANSMISSION CABLE EASEMENT
- 4 ELECTRIC POLE EASEMENT

LEGEND

- PROPERTY LINE
- - - EASEMENT
- T EXISTING TELECOM
- W EXISTING DOMESTIC WATER
- FW EXISTING FIRE WATER
- SD EXISTING STORM DRAIN
- SS EXISTING SEWER
- E EXISTING ELECTRICAL
- EXISTING COMMUNICATIONS
- EXISTING GAS
- OH EXISTING OVERHEAD LINE

NOTES

1. THE BOUNDARY, EASEMENT, AND OTHER ENCUMBRANCES SHOWN ON THIS DRAWING ARE BASED SOLELY UPON INFORMATION CONTAINED IN ALTA/ACSM LAND TITLE SURVEY PREPARED BY BNF.
2. ALL DISTANCES AND ELEVATIONS SHOWN HEREON ARE IN FEET AND DECIMALS THEREOF.
3. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS TOPOGRAPHIC SURVEY WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. (A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES). HOWEVER, THE ENGINEER CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED, BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS.
4. DATUM: (NAVD 88)



REFERENCES

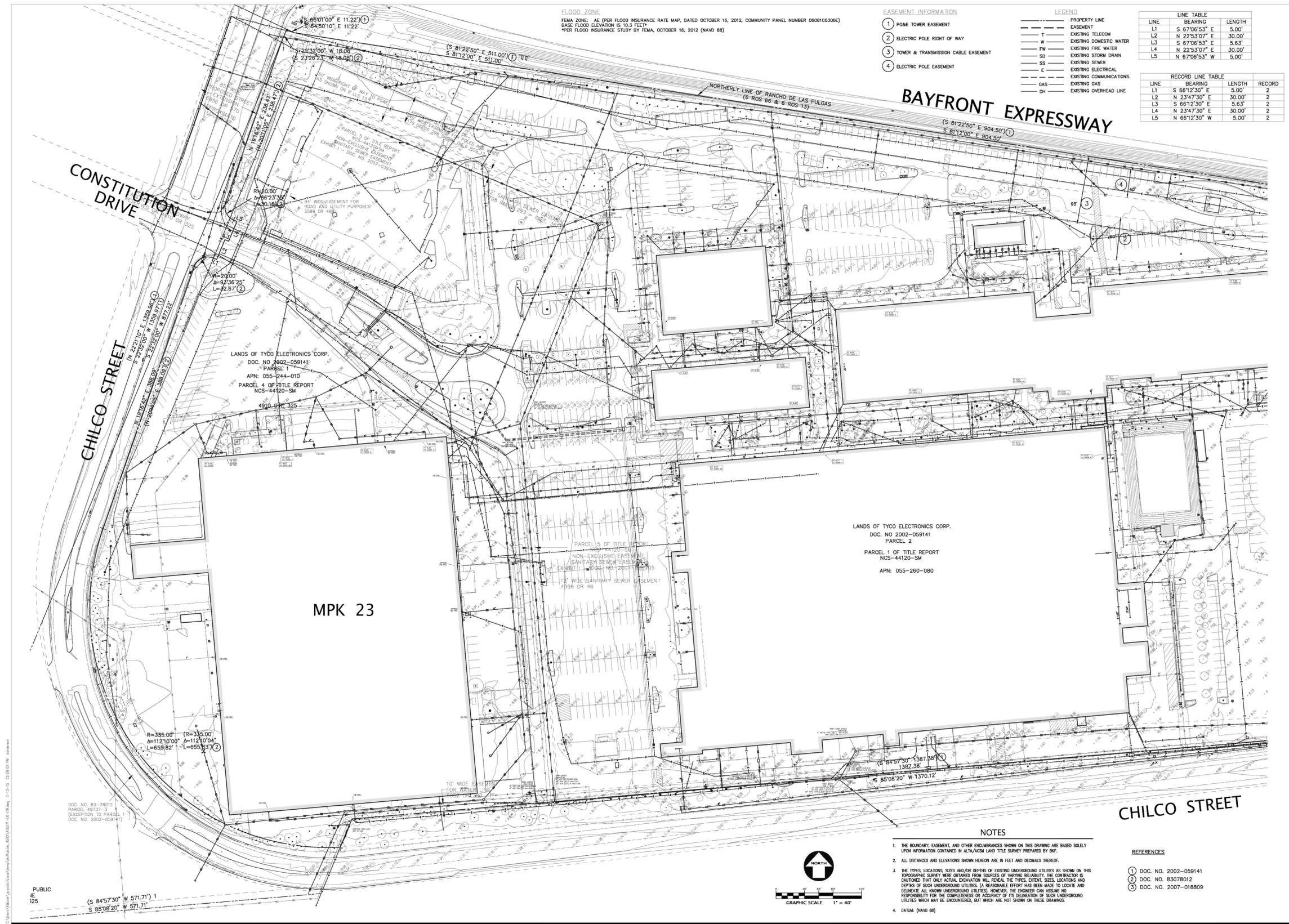
- 1 DOC. NO. 2002-059141
- 2 DOC. NO. 83078012
- 3 DOC. NO. 2007-018809



FOR REFERENCE ONLY - HAS BEEN SUBMITTED PREVIOUSLY

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 Buildings 21, 22 & Hotel Site
 301-309 Constitution Drive, Menlo Park, California
 Kier & Wright Civil Engineers and Surveyors

EXISTING UTILITY PLAN | C2-01
 SCALE : NTS
 11X17 SCALE : NTS
 AUGUST 31, 2015



FLOOD_ZONE
 FEMA_ZONE: AE (PER FLOOD INSURANCE RATE MAP, DATED OCTOBER 16, 2012, COMMUNITY PANEL NUMBER 0608103086)
 BASE FLOOD ELEVATION IS 10.3 FEET
 *PER FLOOD INSURANCE STUDY BY FEMA, OCTOBER 16, 2012 (NAVO 88)

- EASEMENT INFORMATION
- 1 PG&E TOWER EASEMENT
 - 2 ELECTRIC POLE RIGHT OF WAY
 - 3 TOWER & TRANSMISSION CABLE EASEMENT
 - 4 ELECTRIC POLE EASEMENT

- LEGEND
- PROPERTY LINE
 - - - EASEMENT
 - T --- EXISTING TELECOM
 - W --- EXISTING DOMESTIC WATER
 - FW --- EXISTING FIRE WATER
 - SD --- EXISTING STORM DRAIN
 - SS --- EXISTING SEWER
 - E --- EXISTING ELECTRICAL
 - EXISTING COMMUNICATIONS
 - EXISTING GAS
 - OH --- EXISTING OVERHEAD LINE

LINE TABLE			
LINE	BEARING	LENGTH	
L1	S 67°06'53" E	5.00'	
L2	N 22°53'07" E	30.00'	
L3	S 67°06'53" E	5.63'	
L4	N 22°53'07" E	30.00'	
L5	N 67°06'53" W	5.00'	

RECORD LINE TABLE			
LINE	BEARING	LENGTH	RECORD
L1	S 66°12'30" E	5.00'	2
L2	N 23°47'30" E	30.00'	2
L3	S 66°12'30" E	5.63'	2
L4	N 23°47'30" E	30.00'	2
L5	N 66°12'30" W	5.00'	2

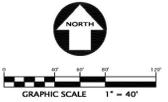
LANDS OF TYCO ELECTRONICS CORP.
 DOC. NO. 2002-059141
 PARCEL 2
 PARCEL 1 OF TITLE REPORT
 NCS-44120-SM
 APN: 055-260-080

MPK 23

DOC. NO. 83-78912
 PARCEL 49337-3
 (EXCEPTION TO PARCEL)
 DOC. NO. 2002-059141

- NOTES
1. THE BOUNDARY, EASEMENT, AND OTHER ENCUMBRANCES SHOWN ON THIS DRAWING ARE BASED SOLELY UPON INFORMATION CONTAINED IN ALTA/ASM LAND TITLE SURVEY PREPARED BY BRG.
 2. ALL DISTANCES AND ELEVATIONS SHOWN HEREON ARE IN FEET AND DECIMALS THEREOF.
 3. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS TOPOGRAPHIC SURVEY WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. (A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES). HOWEVER, THE ENGINEER CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED, BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS.
 4. DATUM: (NAVO 88)

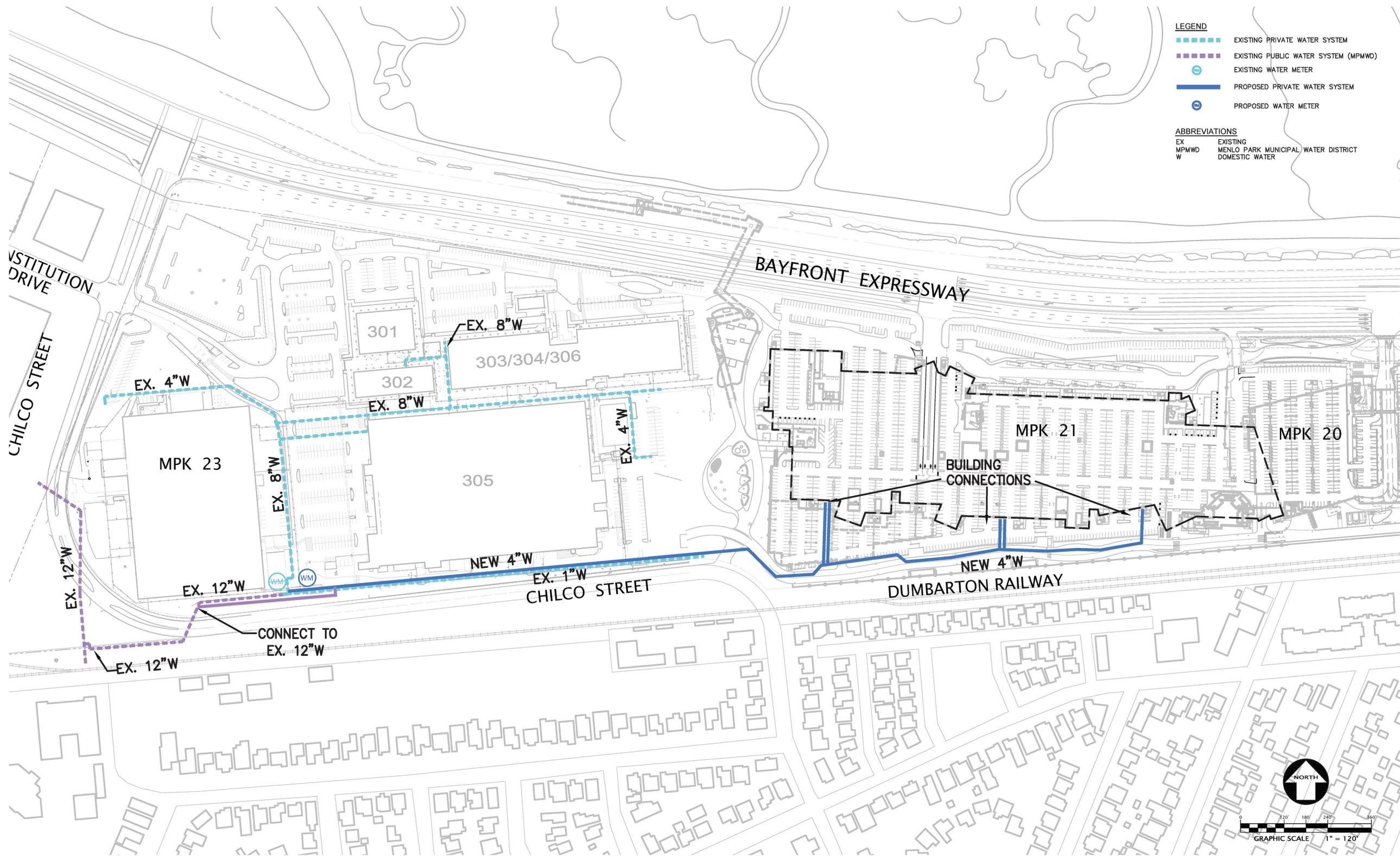
- REFERENCES
- 1 DOC. NO. 2002-059141
 - 2 DOC. NO. 83078012
 - 3 DOC. NO. 2007-018809



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EXISTING UTILITY PLAN | C2-02
 SCALE : NTS
 11X17 SCALE : NTS
 AUGUST 31, 2015



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AFTER MPK 21 CONSTRUCTION PROPOSED DOMESTIC WATER SYSTEM | **C2-03**

SCALE : NTS

11X17 SCALE : NTS

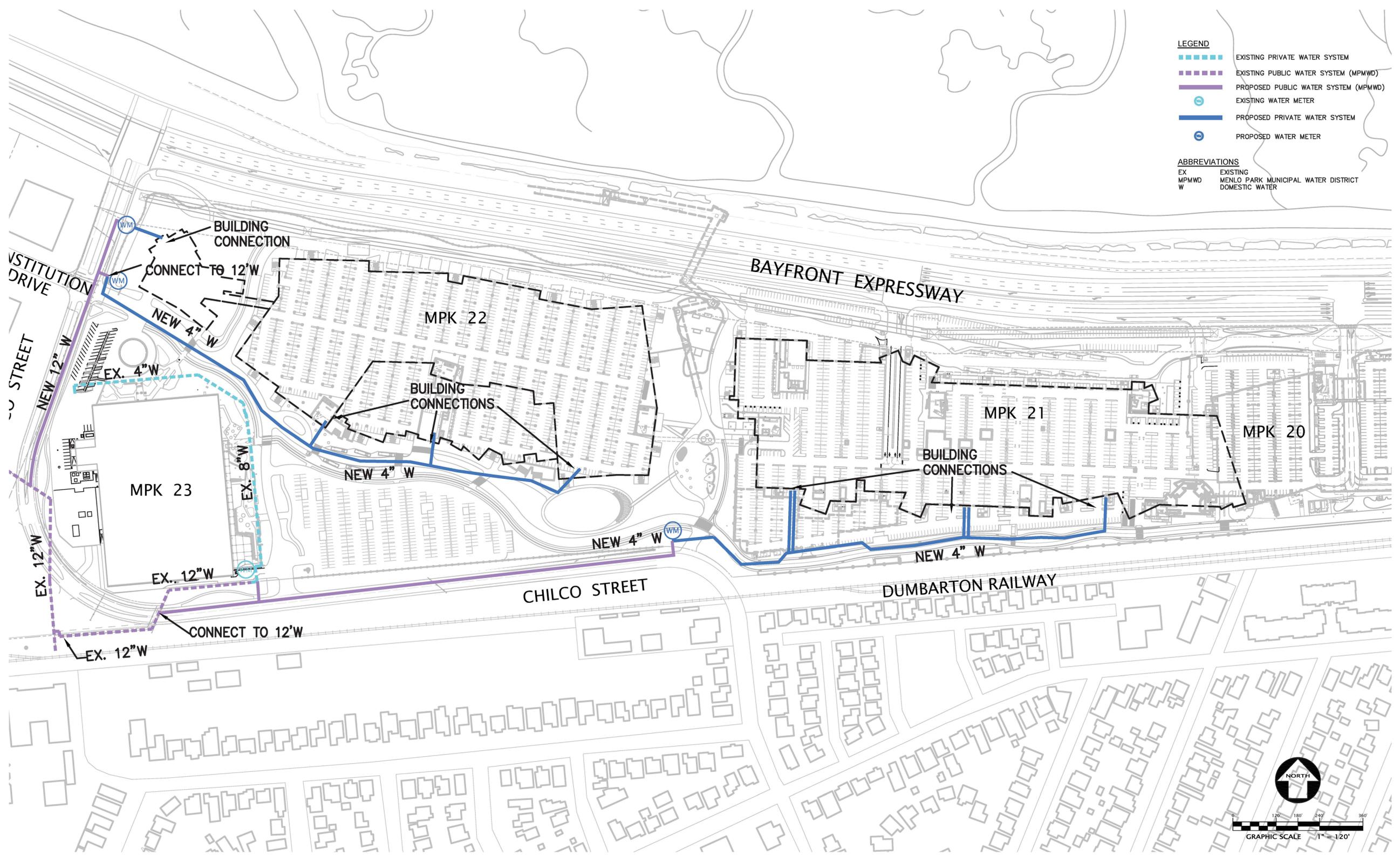
MARCH 04, 2016

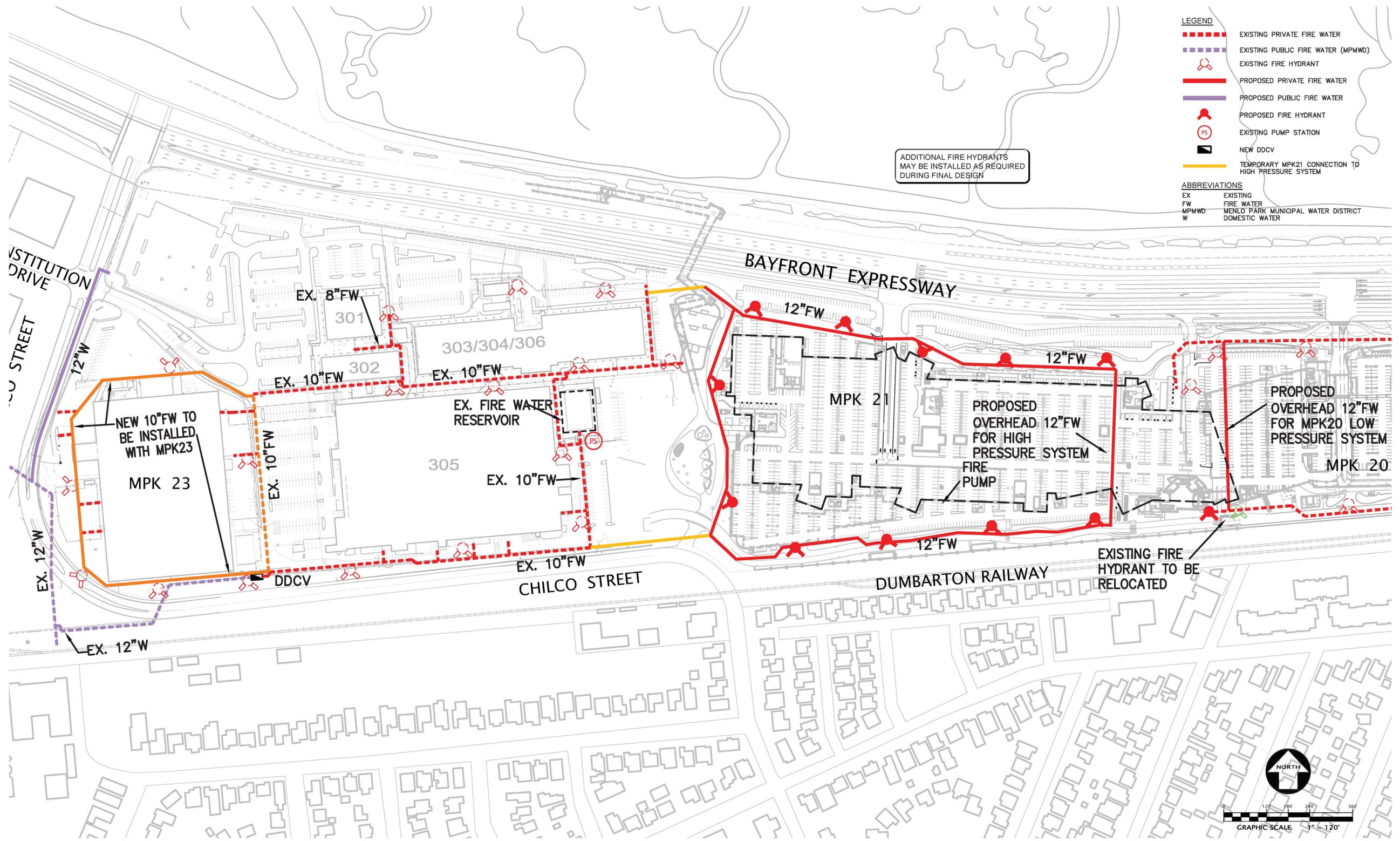
LEGEND

- ▬▬▬▬ EXISTING PRIVATE WATER SYSTEM
- ▬▬▬▬ EXISTING PUBLIC WATER SYSTEM (MPMWD)
- ▬▬▬▬ PROPOSED PUBLIC WATER SYSTEM (MPMWD)
- ⊙ EXISTING WATER METER
- ▬▬▬▬ PROPOSED PRIVATE WATER SYSTEM
- ⊙ PROPOSED WATER METER

ABBREVIATIONS

- EX EXISTING
- MPMWD MENLO PARK MUNICIPAL WATER DISTRICT
- W DOMESTIC WATER





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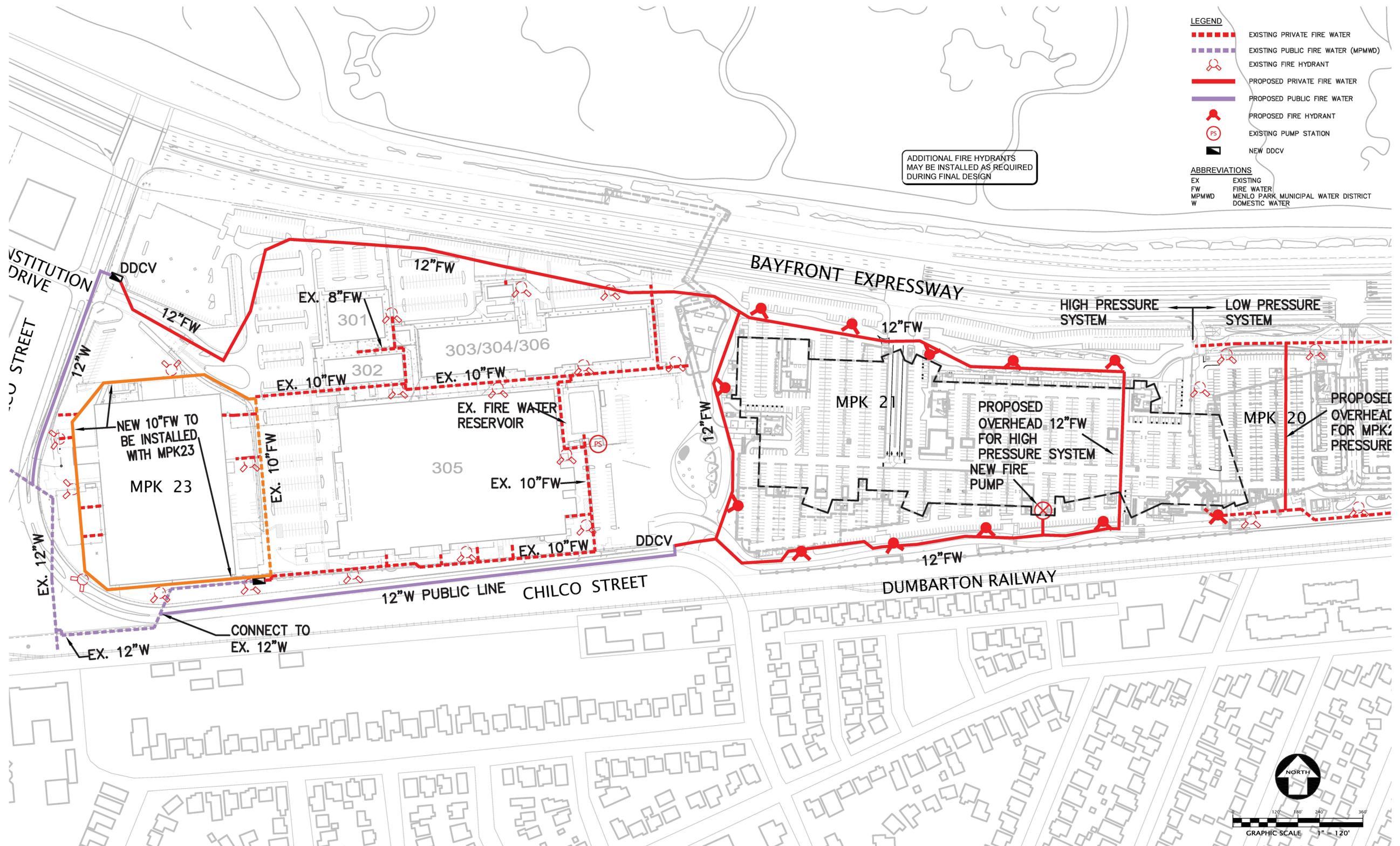
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DURING MPK 21 CONSTRUCTION PROPOSED FIRE WATER SYSTEM | **C2-05A**

SCALE : NTS

11X17 SCALE : NTS

MAY 18, 2016

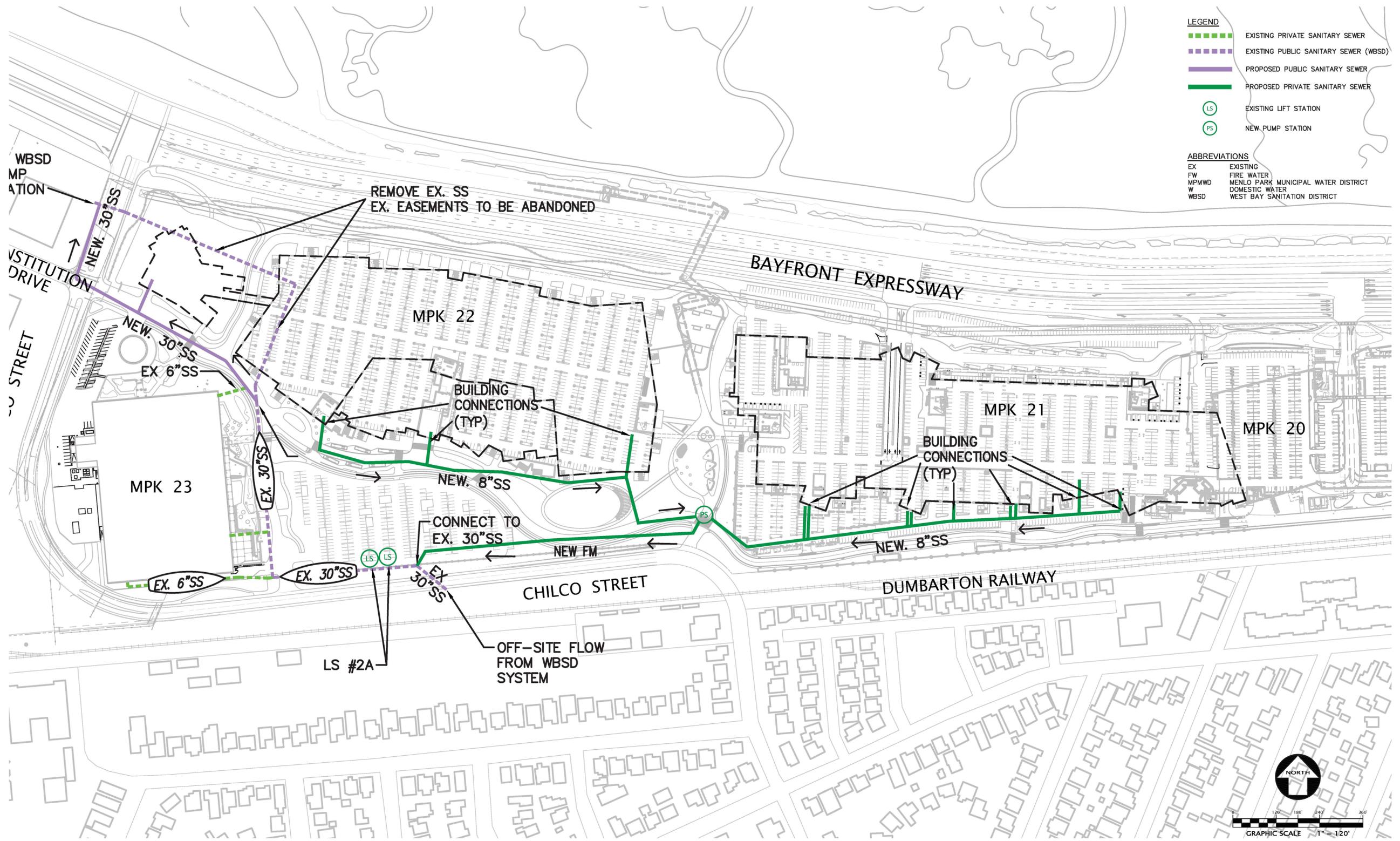


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AFTER MPK 21 CONSTRUCTION PROPOSED FIRE WATER SYSTEM **C2-05B**

SCALE : NTS
 11X17 SCALE : NTS
 MAY 18, 2016



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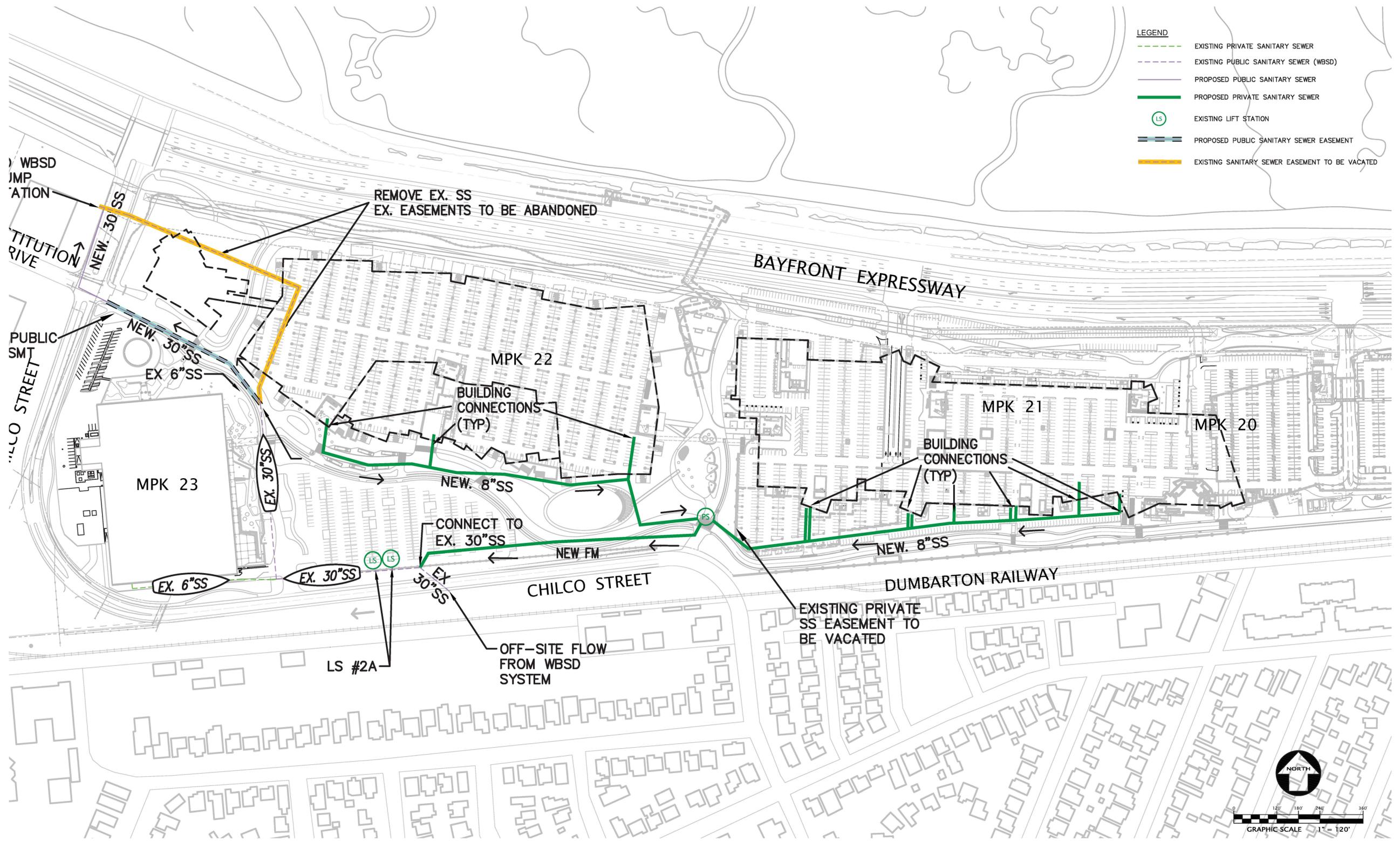
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TE SITE PROPOSED SANITARY SEWER SYSTEM | C2-09

SCALE : NTS

11X17 SCALE : NTS

MARCH 04, 2016

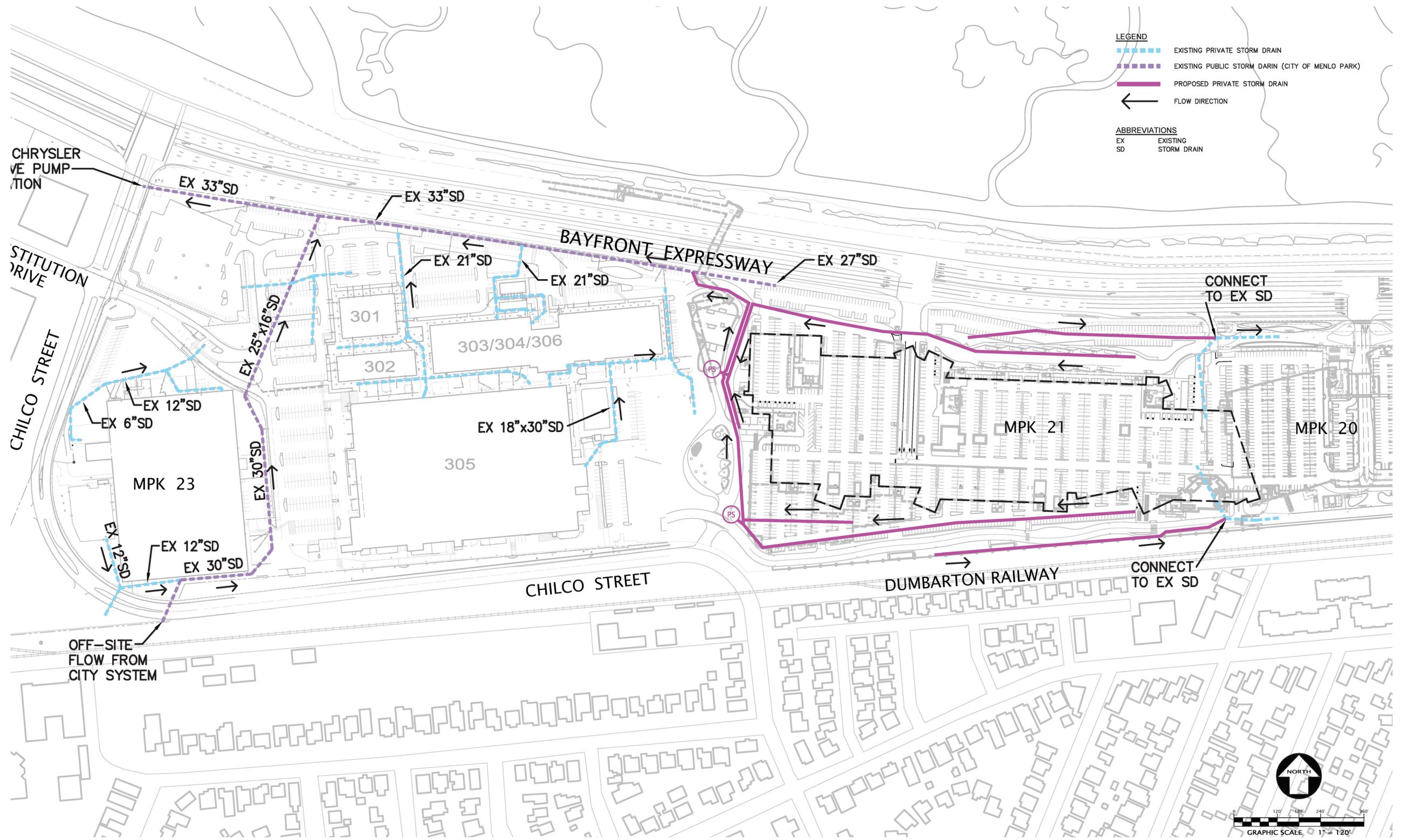


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SANITARY SEWER EASEMENT EXHIBIT | C2-10

SCALE : NTS
11X17 SCALE : NTS
MARCH 04, 2016



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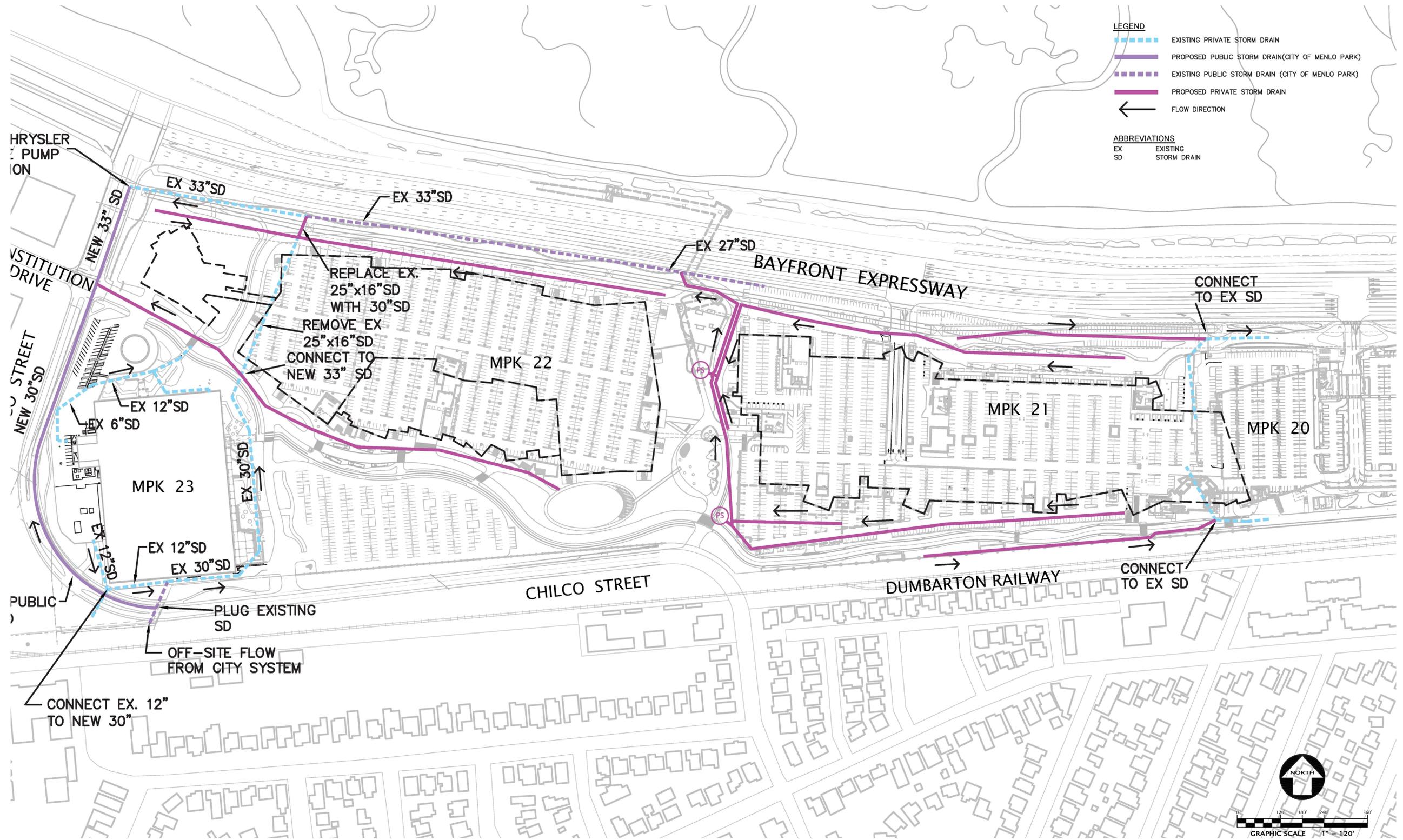
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AFTER MPK 21 CONSTRUCTION PROPOSED STORM DRAIN SYSTEM | **C2-11**

SCALE : NTS

11X17 SCALE : NTS

MARCH 04, 2016



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THE SITE PROPOSED STORM DRAIN SYSTEM | **C2-12**

SCALE : NTS

11X17 SCALE : NTS

MARCH 04, 2016