



MiraCosta College

Facilities Master Plan Update

Utilities & Infrastructure Drawings,
Volume IV

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Civil

Mechanical

Electrical

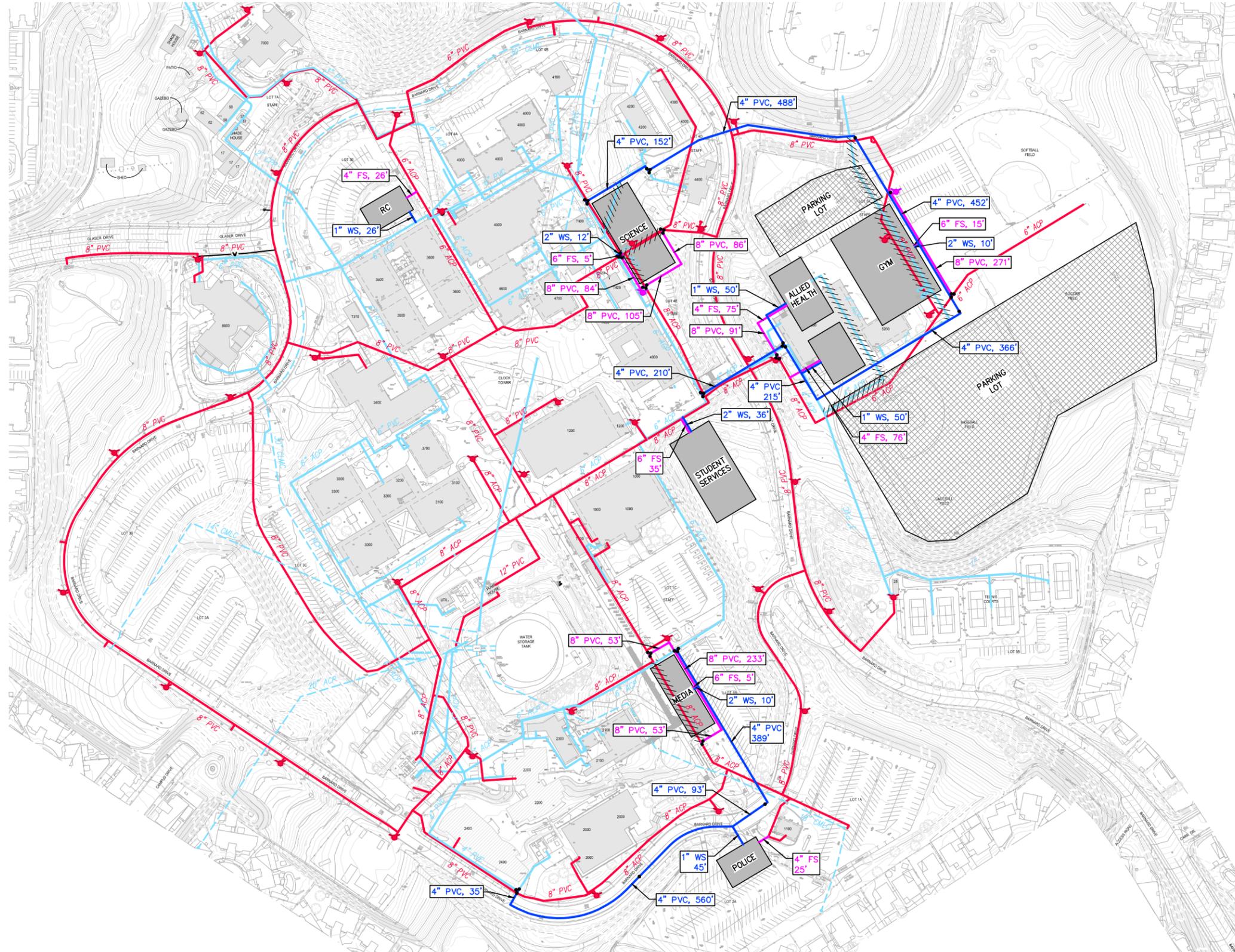
Natural Gas

Technology

13.0 | Oceanside Campus

Oceanside Campus
Civil

Domestic Water Proposed Plan



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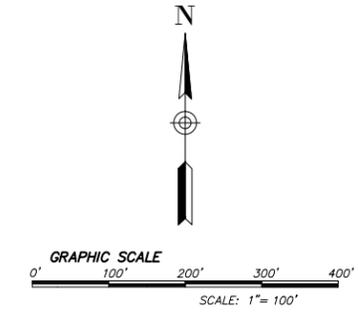
- EXISTING CITY OF OCEANSIDE WATER
- EXISTING DOMESTIC WATER
- EXISTING FIRE SERVICE WATER
- PROPOSED DOMESTIC WATER
- PROPOSED GATE VALVE
- PROPOSED FIRE SERVICE WATER
- PROPOSED GATE VALVE
- /// EXISTING WATER TO BE REMOVED OR ABANDONED IN PLACE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT ASSEMBLY
- WS PROPOSED WATER SERVICE ASSEMBLY
- FS PROPOSED FIRE SERVICE ASSEMBLY
- PROPOSED BUILDING
- PROPOSED PARKING LOT

NOTES:

1. PROPOSED PIPELINE SIZES LISTED ARE PRELIMINARY. ADDITIONAL HYDRAULIC ANALYSIS SHOULD BE PERFORMED TO DETERMINE PIPELINE SIZES.
2. CHILLED WATER AND IRRIGATION WATER SYSTEMS ARE NOT SHOWN.
3. PROPOSED VALVES FOR HYDRANT, WATER SERVICE, AND FIRE SERVICE ASSEMBLIES ARE NOT SHOWN.

FIGURE 1
PRELIMINARY
NOT FOR CONSTRUCTION

Sewer Proposed Plan



LEGEND:

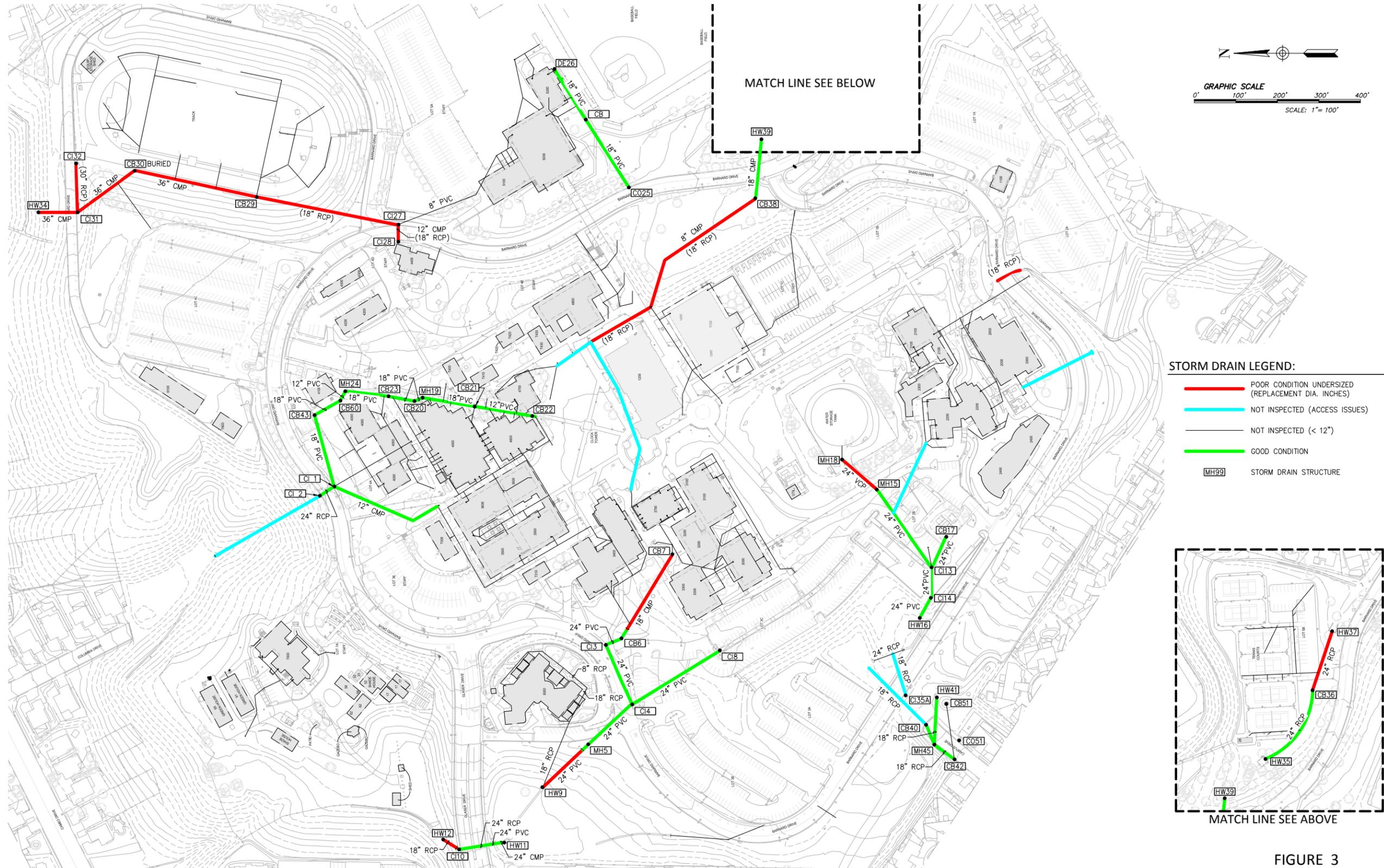
- EXISTING SEWER
- EXISTING MANHOLE/CLEANOUT
- EXISTING SEWER (< 6")
- PROPOSED SEWER
- PROPOSED MANHOLE
- / / / / / EXISTING SEWER TO BE REMOVED OR ABANDONED IN PLACE
- PROPOSED BUILDING
- PROPOSED PARKING LOT

NOTES:

- PROPOSED PIPELINE SIZES LISTED ARE PRELIMINARY. ADDITIONAL HYDRAULIC ANALYSIS SHOULD BE PERFORMED TO DETERMINE PIPELINE SIZES.

FIGURE 2
PRELIMINARY
NOT FOR CONSTRUCTION

Storm Drains Existing Plan



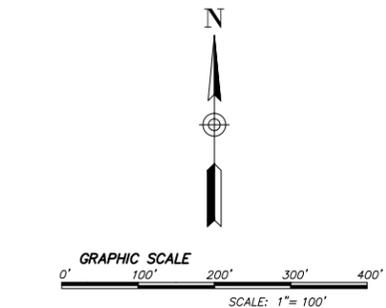
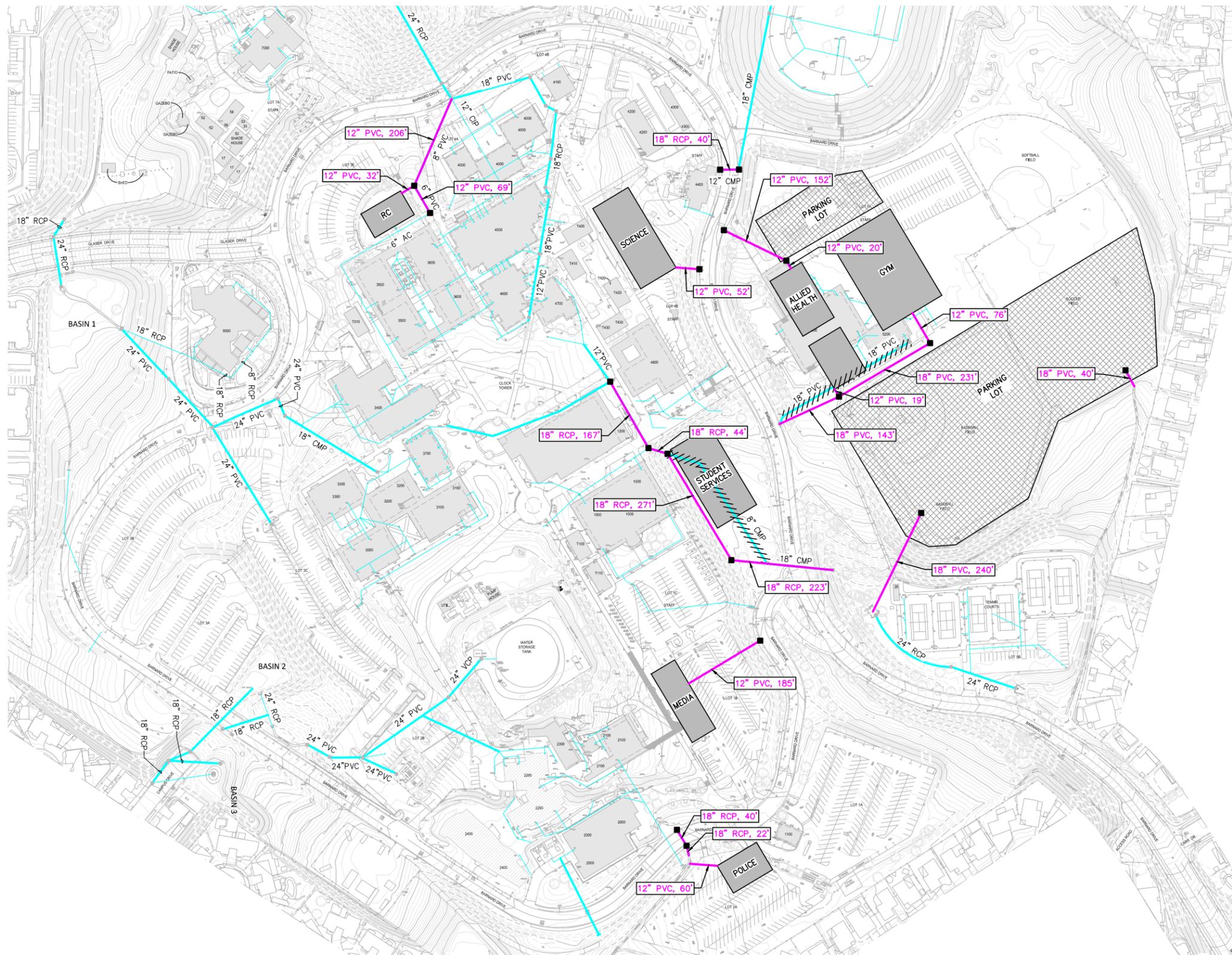
STORM DRAIN LEGEND:

- POOR CONDITION UNDERSIZED (REPLACEMENT DIA. INCHES)
- NOT INSPECTED (ACCESS ISSUES)
- NOT INSPECTED (< 12")
- GOOD CONDITION
- MH99 STORM DRAIN STRUCTURE

FIGURE 3

Storm Drains

Proposed Plan



LEGEND:

- EXISTING STORM DRAIN
- EXISTING STORM DRAIN STRUCTURE
- EXISTING STORM DRAIN (< 6")
- PROPOSED STORM DRAIN
- PROPOSED STORM DRAIN STRUCTURE
- / / / / / EXISTING STORM DRAIN TO BE REMOVED OR ABANDONED IN PLACE
- PROPOSED BUILDING
- PROPOSED PARKING LOT

NOTE:

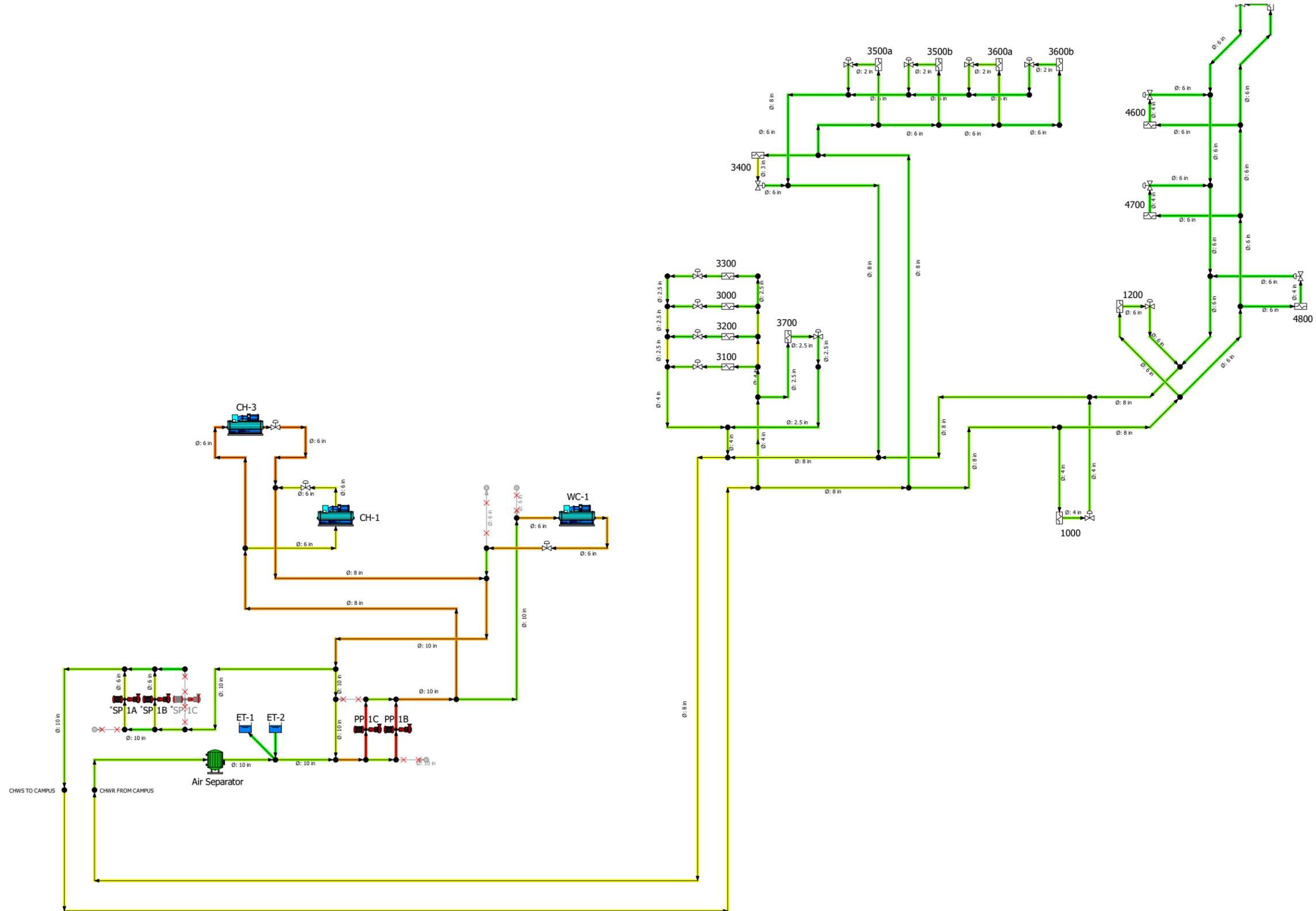
1. PROPOSED PIPELINE SIZES LISTED ARE PRELIMINARY. ADDITIONAL HYDROLOGY STUDIES AND HYDRAULIC ANALYSIS SHOULD BE PERFORMED TO DETERMINE PIPELINE SIZE.

FIGURE 3
PRELIMINARY
NOT FOR CONSTRUCTION

Oceanside Campus
Mechanical

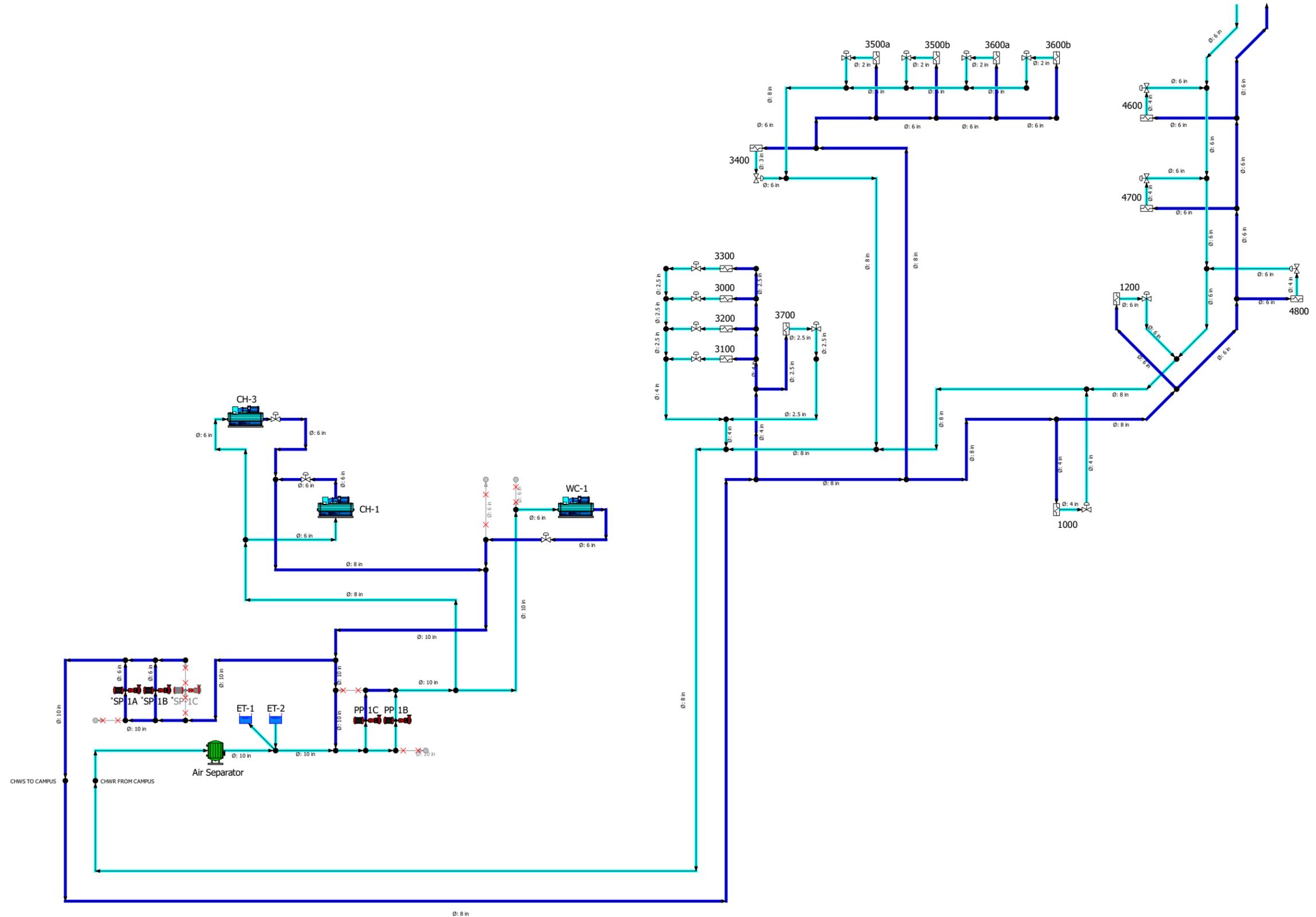
Chilled Water

Existing Pipe-Flo Model - Main Central Plant - Velocity



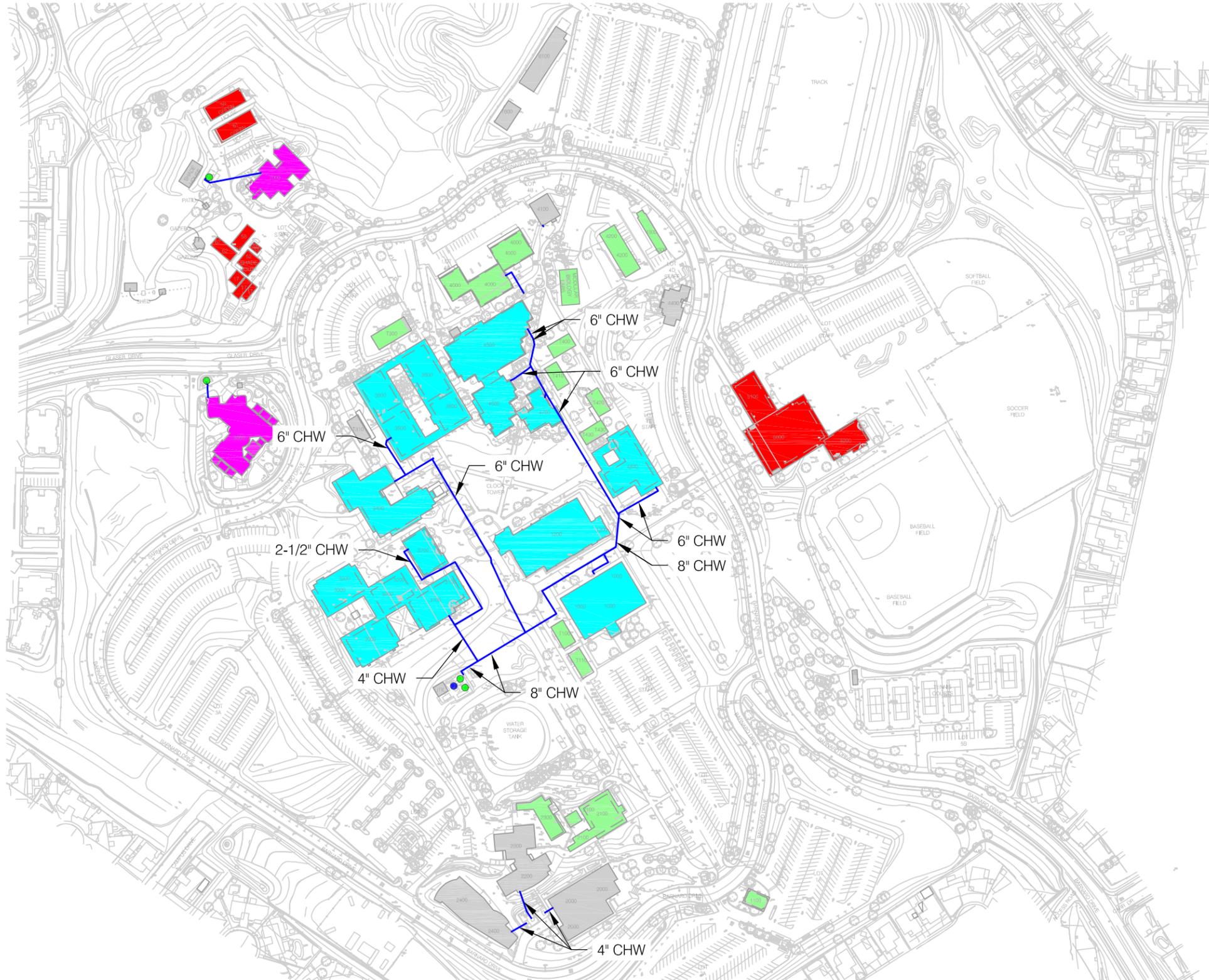
Chilled Water

Existing Pipe-Flo Model - Main Central Plant - Fluid Zone



Chilled Water

Existing Chilled Water Plan



LEGEND

- CHILLED WATER LINE
- WATER COOLED CHILLER
- AIR COOLED CHILLER
- VALVE PIT
- ▲ BOOSTER PUMP WITH VFD

BUILDING LEGEND

- NO A/C SERVICE
- CHILLED WATER SERVICED BY CENTRAL PLANT
- CHILLED WATER NOT SERVICED BY CENTRAL PLANT
- PACKAGED SYSTEMS

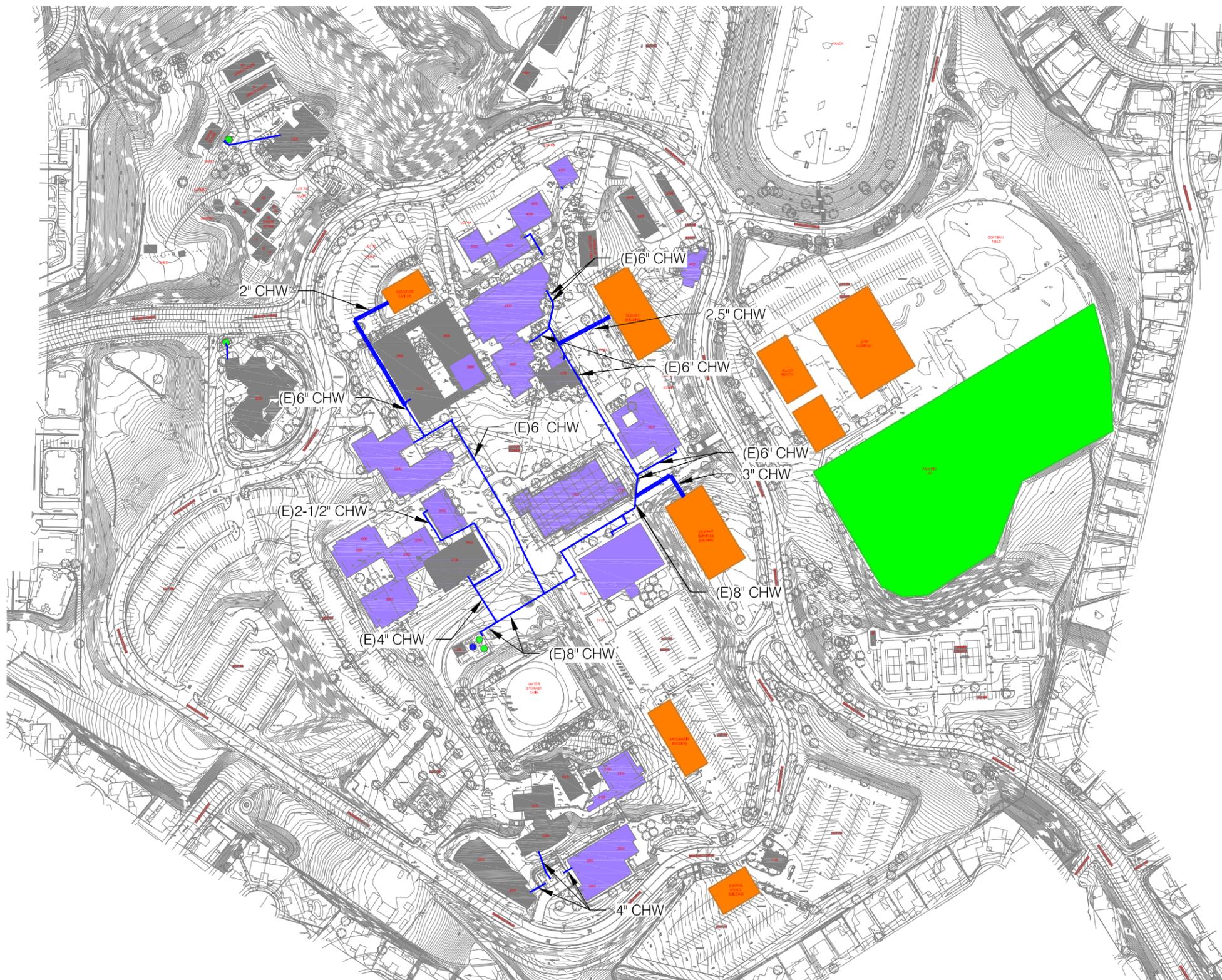
FACILITY LEGEND

ADMISSIONS & RECORDS	3300
ART	2100, 2200, 2300
ART GALLERY	3400
ASSOCIATE FACULTY OFFICE	4606
ASSOCIATE STUDENTS	3400
ATHLETICS	5200
AUTOMOTIVE TECHNOLOGY	4050
BIOTECHNOLOGY	3400
BOOKSTORE	1000
BUSINESS DEVELOPMENT	1000
BUSINESS SERVICES	1000
CAFETERIA	3400
CALWORKS	3000
CAREER CENTER	4700
CHILD DEVELOPMENT CENTER	8000
COLLEGE POLICE	1100
COMPUTER/BUSINESS DEPARTMENT	4800
CONCERT HALL	2400
COUNSELING	3700
DANCE STUDIO	5100
DISABLED STUDENTS SERVICES	3000
DRIVER EDUCATION AND ELI	1000
ENROLLMENT INFORMATION	3300
EOPS	3000
FACILITIES DEPARTMENT	4200
FINANCIAL AID/SCHOLARSHIPS	3000
GYMNASIUM	5000
HEALTH SERVICES	3300
HORTICULTURE	7000
HUMAN RESOURCES	1000
INSTITUTIONAL RESEARCH	1000
INSTRUCTIONAL SERVICES	1000
INTERNATIONAL STUDENTS	3400
LIBRARY & INFORMATION HUB	1200
LOST & FOUND	1100
MATH LEARNING CENTER	1200
MUSIC	2200, 2300
NURSING/ALLIED HEALTH	T420, 4400
PARKING PERMITS	1100
PRESIDENT'S OFFICE OF THE	1000
PRINTING SERVICES	3400
PROCTORING CENTER	3300
PURCHASING	1600
SCHOOL RELATIONS/DIVERSITY RECRUIT	3400
SERVICE LEARNING	3300
SHIPPING/RECEIVING	6100
STUDENT ACCOUNTS	3200
STUDENT ACTIVITIES	3400
STUDENT CENTER	3400
TECH PREP	3700
TESTING OFFICE	3300
THEATRE	2000
LITTLE THEATRE	3601
TRANSFER CENTER	3700
TUTORING	1200
VETERANS EDUCATION OFFICE	3300
VETERANS INFORMATION CENTER	1100
WELLNESS CENTER	4100
WRITING CENTER	1200



Chilled Water

Proposed Chilled Water Plan



LEGEND

- EXISTING CHILLED WATER LINE
- PROPOSED CHILLED WATER LINE
- (E)SIZE CHW EXISTING CHILLED WATER TAG
- SIZE CHW PROPOSED CHILLED WATER TAG
- WATER COOLED CHILLER
- AIR COOLED CHILLER
- VALVE PIT
- ▲ BOOSTER PUMP WITH VFD

BUILDING LEGEND

- EXISTING BUILDING..... ■
- FUTURE PARKING STRUCTURE..... ■
- FUTURE BUILDING..... ■
- BUILDING RENOVATION/EXPANSION..... ■

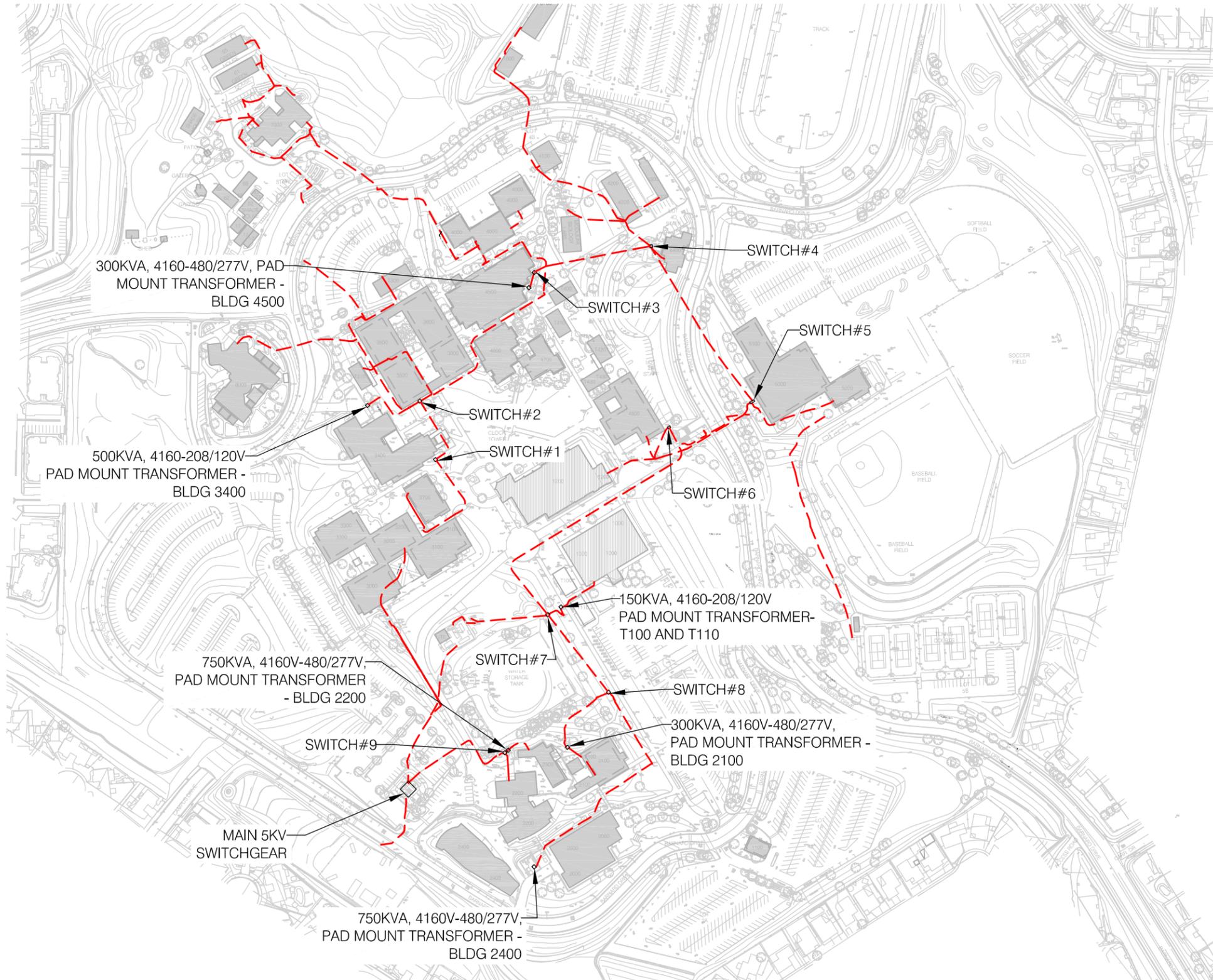
FACILITY LEGEND

ADMISSIONS & RECORDS.....	3300
ART.....	2100 2200 2300
ART GALLERY.....	3400
ASSOCIATE FACULTY OFFICE.....	4606
ASSOCIATED STUDENTS.....	3400
ATHLETICS.....	5200
AUTOMOTIVE TECHNOLOGY.....	4000
BIOTECHNOLOGY.....	4050
BOOKSTORE.....	3400
BUSINESS DEVELOPMENT.....	1000
BUSINESS SERVICES.....	1000
CAFETERIA.....	3400
CALWORKS.....	3000
CAREER CENTER.....	4700
CHILD DEVELOPMENT CENTER.....	8000
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INTERNATIONAL STUDENTS.....	3400
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LOST & FOUND.....	1100
MATH LEARNING CENTER.....	1200
MUSIC.....	2200 2300
NURSING/ALLIED HEALTH.....	T420 4400
PARKING PERMITS.....	1100
PRESIDENT OFFICE OF THE.....	1000
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PROCTORING CENTER.....	3300
PURCHASING.....	7600
SCHOOL RELATIONS/DIVERSITY RECRUIT.....	3400
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STUDENT CENTER.....	3400
TECH PREP.....	3700
TESTING OFFICE.....	3300
THEATRE.....	2000
LITTLE THEATRE.....	3601
TRANSFER CENTER.....	3700
TUTORING.....	1200
VETERANS EDUCATION OFFICE.....	3300
VETERANS INFORMATION CENTER.....	1100
WELLNESS CENTER.....	4100
WRITING CENTER.....	1200

Oceanside Campus
Electrical

Electrical

Existing Electrical Plan



LEGEND

- EXISTING ELECTRICAL
- MAN-HOLE
- TRANSFER SWITCH
- PULLBOX
- TRANSFORMER
- △ SELECTOR SWITCH
- ⊠ VAULT

BUILDING LEGEND

EXISTING BUILDING.....

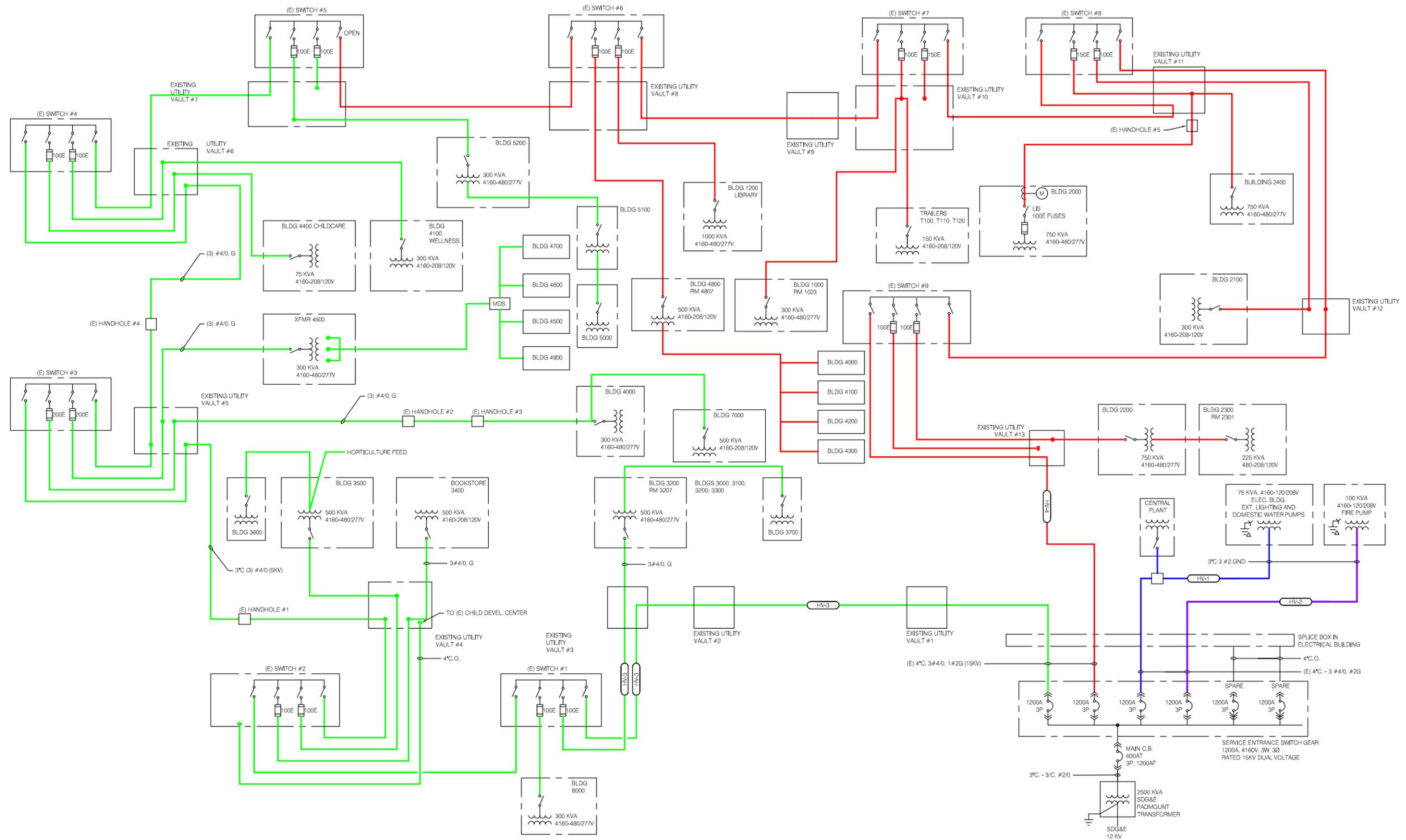
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MUSIC.....	2200 2300
NURSING/ALLIED HEALTH.....	1420 4400
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PRESIDENT, OFFICE OF THE.....	1000
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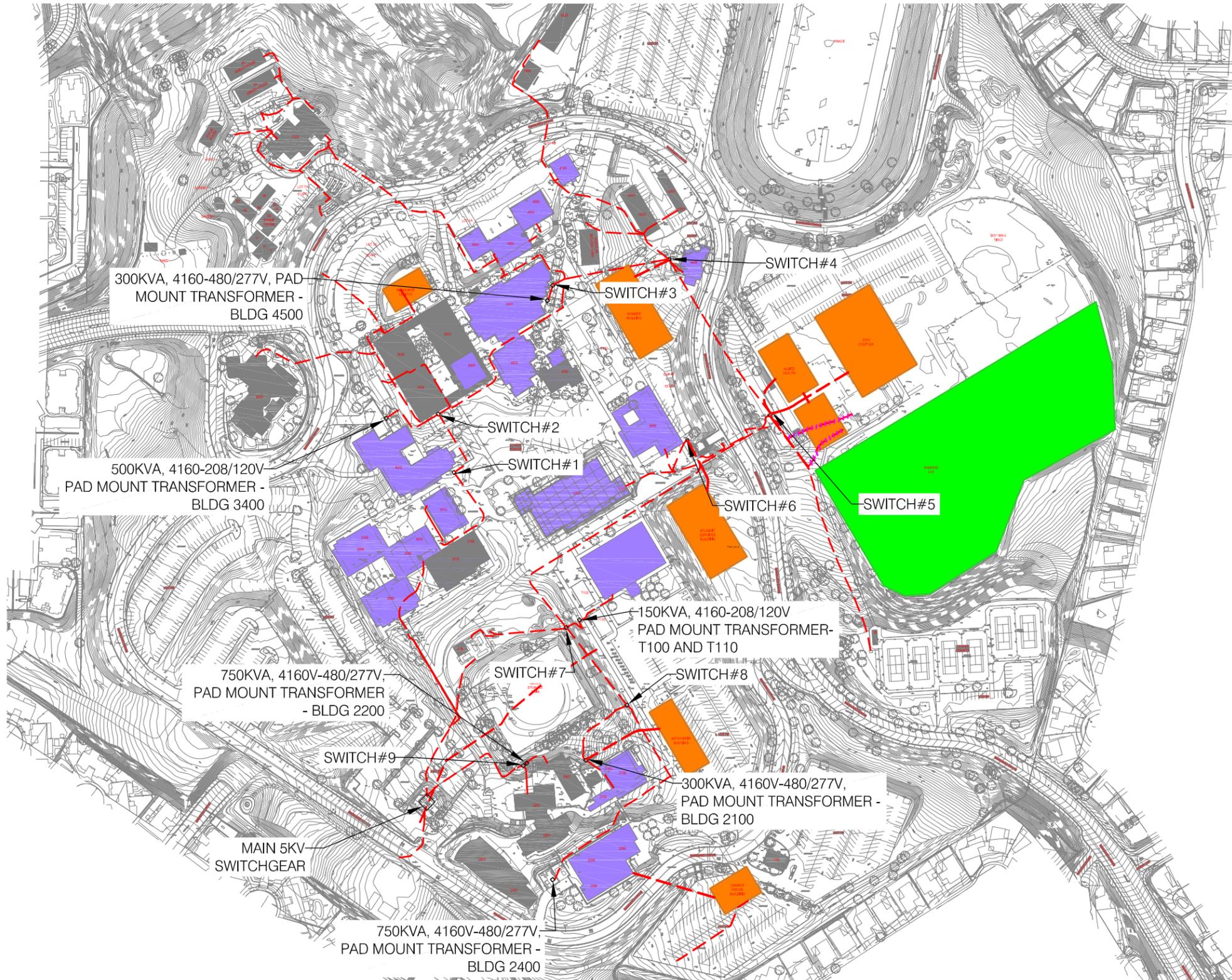
Electrical

Existing Electrical Single Line Diagram



Electrical

Proposed Electrical Plan



LEGEND

- EXISTING ELECTRICAL
- - - PROPOSED ELECTRICAL
- ELECTRICAL TO BE DEMOLISHED
- MANHOLE
- TRANSFER SWITCH
- PULLBOX
- TRANSFORMER
- ⚠ SELECTOR SWITCH
- ⊠ VAULT

BUILDING LEGEND

- EXISTING BUILDING.....
- FUTURE PARKING STRUCTURE.....
- FUTURE BUILDING.....
- BUILDING RENOVATION/EXPANSION.....

FACILITY LEGEND

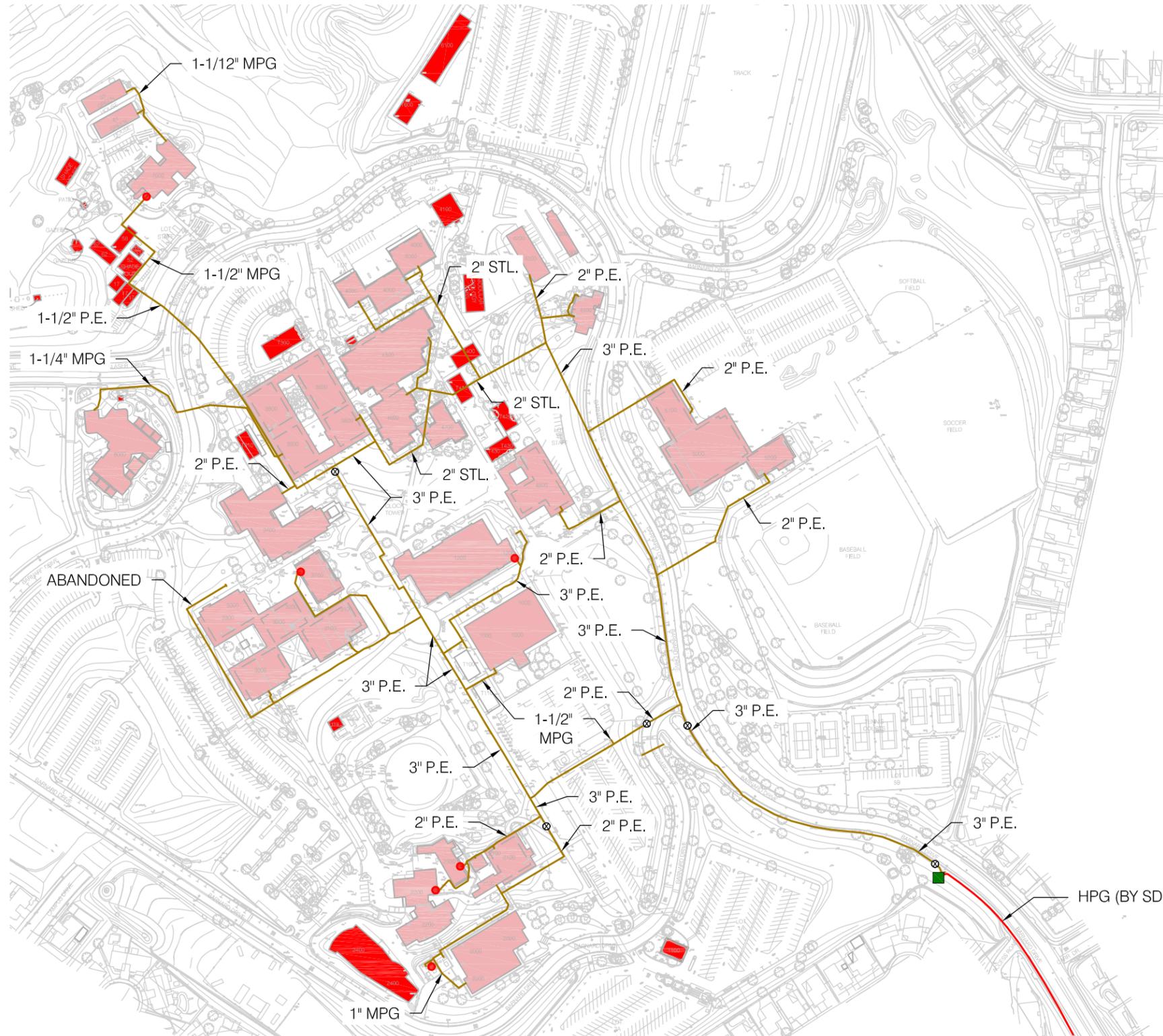
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ASSOCIATED STUDENTS.....	3400
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BIOTECHNOLOGY.....	4050
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COUNSELING.....	3700
DANCE STUDIO.....	5100
DISABLED STUDENTS SERVICES.....	3000
DRIVER EDUCATION AND ELL.....	1000
ENROLLMENT INFORMATION.....	3300
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INTERNATIONAL STUDENTS.....	3400
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LOST & FOUND.....	1100
MATH LEARNING CENTER.....	1200
MUSIC.....	2200 2300
NURSING/ALLIED HEALTH.....	1420 4400
PARKING PERMITS.....	1100
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PROCTORING CENTER.....	3300
PURCHASING.....	7600
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SERVICE LEARNING.....	3300
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STUDENT CENTER.....	3400
TECH PREP.....	3700
TESTING OFFICE.....	3300
THEATRE.....	2000
LITTLE THEATRE.....	3601
TRANSFER CENTER.....	3700
TUTORING.....	1200
VETERANS EDUCATION OFFICE.....	3300
VETERANS INFORMATION CENTER.....	1100
WELLNESS CENTER.....	4100
WRITING CENTER.....	1200



Oceanside Campus
Natural Gas

Natural Gas

Existing Natural Gas Plan



- CAMPUS GAS LINE
- UTILITY GAS LINE
- EXISTING UTILITY TUNNEL
- ⊗ ISOLATION VALVE
- EARTHQUAKE VALVE
- UTILITY METER
- CAMPUS METER
- VALVE PIT
- CAPPED LINE

BUILDING LEGEND

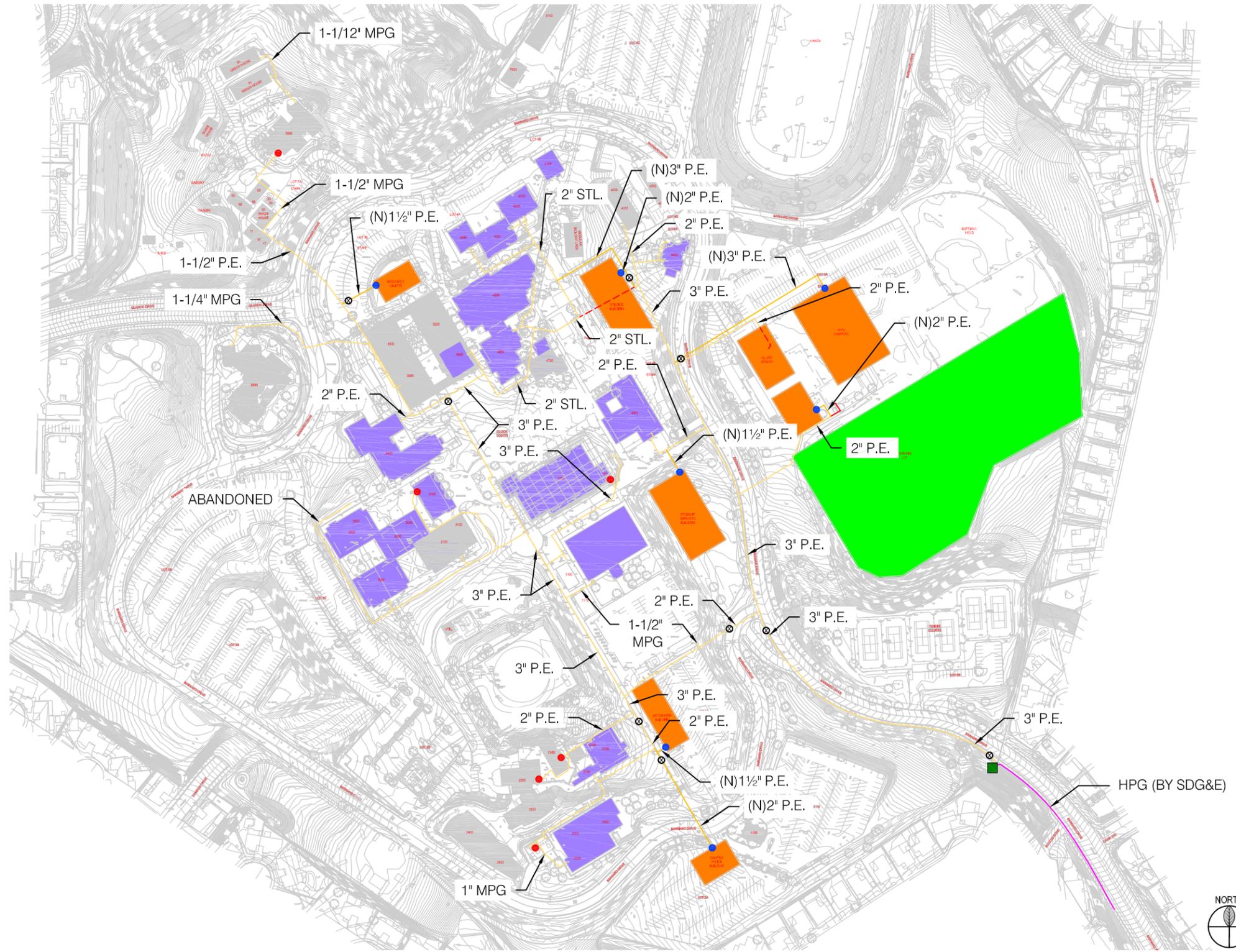
- NO GAS SERVICE
- DIRECT UTILITY SERVICE
- CAMPUS-METERED SERVICE
- CAMPUS SERVICE

ADMISSIONS & RECORDS	3300
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ART GALLERY	3400
ASSOCIATE FACULTY OFFICE	4606
ASSOCIATED STUDENTS	3400
ATHLETICS	5200
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LOST & FOUND	1100
MATH LEARNING CENTER	1200
MUSIC	2200, 2300
NURSING/ALLIED HEALTH	T420, 4400
PARKING PERMITS	1100
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PROCTORING CENTER	3300
PURCHASING	T600
SCHOOL RELATIONS/DIVERSITY RECRUIT	3400
SERVICE LEARNING	3300
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STUDENT ACTIVITIES	3400
STUDENT CENTER	3400
TECH PREP	3700
TESTING OFFICE	3300
THEATRE	2000
LITTLE THEATRE	3601
TRANSFER CENTER	3700
TUTORING	1200
VETERANS EDUCATION OFFICE	3300
VETERANS INFORMATION CENTER	1100
WELLNESS CENTER	4100
WRITING CENTER	1200



Natural Gas

Proposed Natural Gas Plan



LEGEND

—	PROPOSED GAS LINE
—	CAMPUS GAS LINE
—	UTILITY GAS LINE
—	ABANDONED GAS LINE
⊗	ISOLATION VALVE
●	EARTHQUAKE VALVE
●	GAS PRESSURE REGULATOR
■	UTILITY METER
■	CAMPUS METER
■	VALVE PIT
—	CAPPED LINE

FACILITY LEGEND

ADMISSIONS & RECORDS.....	3300
ART.....	2100,2200,2300
ART GALLERY.....	3400
ASSOCIATE FACULTY OFFICE.....	4606
ASSOCIATED STUDENTS.....	3400
ATHLETICS.....	5200
AUTOMOTIVE TECHNOLOGY.....	4000
BIOTECHNOLOGY.....	4050
BOOKSTORE.....	3400
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COUNSELING.....	3700
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DISABLED STUDENTS SERVICES.....	3000
DRIVER EDUCATION AND ELL.....	1000
ENROLLMENT INFORMATION.....	3300
EOPS.....	3000
FACILITIES DEPARTMENT.....	4200
FINANCIAL AID/SCHOLARSHIPS.....	3000
GYMNASIUM.....	5000
HEALTH SERVICES.....	3300
HORTICULTURE.....	7000
HUMAN RESOURCES.....	1000
INSTITUTIONAL RESEARCH.....	1000
INSTRUCTIONAL SERVICES.....	1000
INTERNATIONAL STUDENTS.....	3400
LIBRARY & INFORMATION HUB.....	1200
LOST & FOUND.....	1100
MATH LEARNING CENTER.....	1200
MUSIC.....	2200,2300
NURSING/ALLIED HEALTH.....	1420,4400
PARKING PERMITS.....	1100
PRESIDENT OFFICE OF THE.....	1000
PRINTING SERVICES.....	3400
PROCTORING CENTER.....	3300
PURCHASING.....	1600
SCHOOL RELATIONS/DIVERSITY RECRUIT.....	3400
SERVICE LEARNING.....	3300
SHIPPING/RECEIVING.....	6100
STUDENT ACCOUNTS.....	3200
STUDENT CENTER.....	3400
STUDENT CENTER.....	3400
TECH PREP.....	3700
TESTING OFFICE.....	3300
THEATRE.....	2000
LITTLE THEATRE.....	3601
TRANSFER CENTER.....	3700
TUTORING.....	1200
VETERANS EDUCATION OFFICE.....	3300
VETERANS INFORMATION CENTER.....	1100
WELLNESS CENTER.....	4100
WRITING CENTER.....	1200

BUILDING LEGEND

EXISTING BUILDING.....	Grey
FUTURE PARKING STRUCTURE.....	Green
FUTURE BUILDING.....	Orange
BUILDING RENOVATION/EXPANSION.....	Purple



Oceanside Campus
Technology

Technology

Proposed Technology Plan

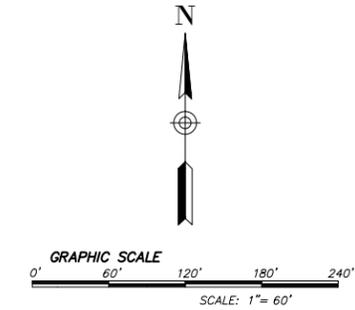
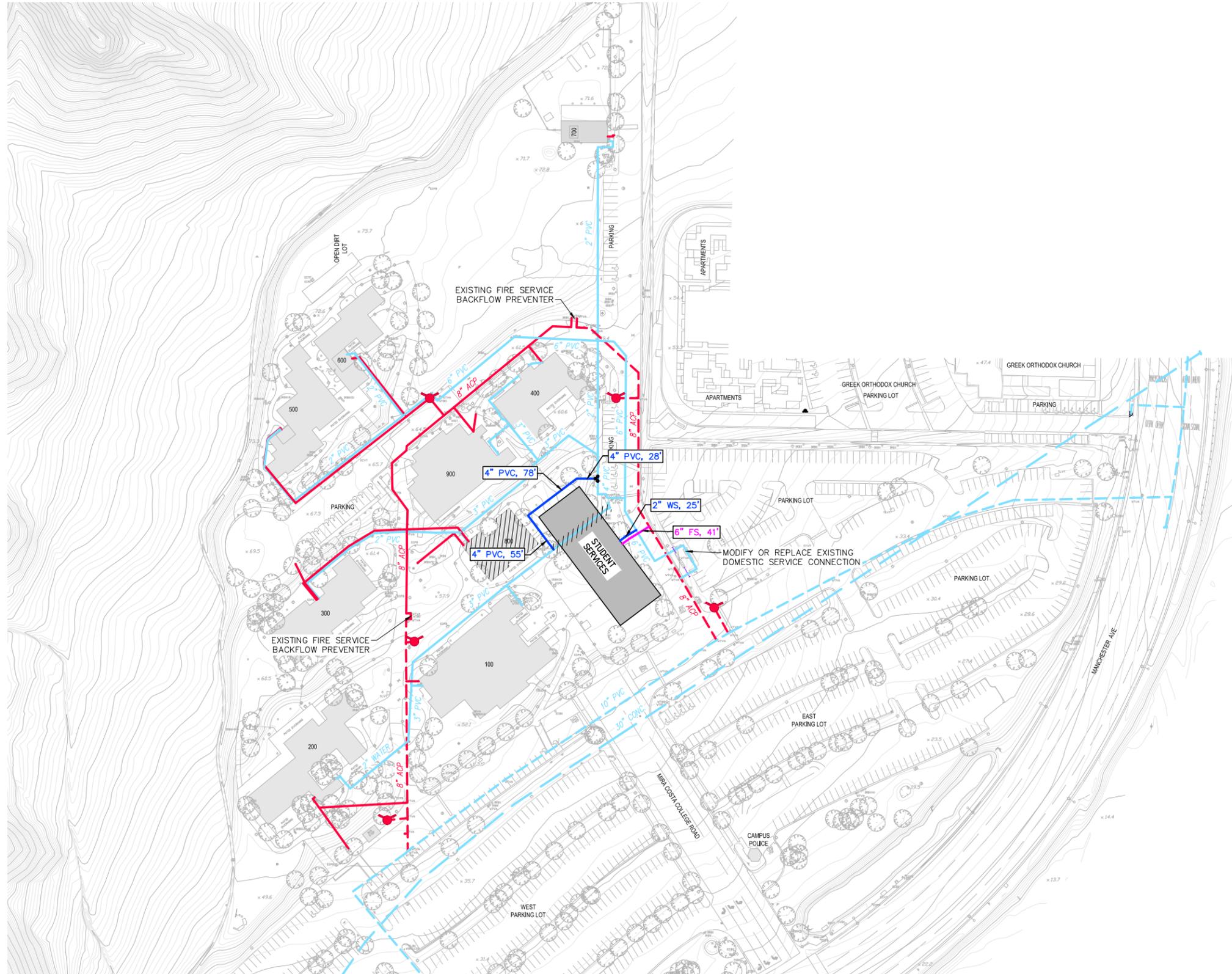
NOTE:
(2) NEW 4" CONDUITS
LINKING TO EACH VAULT FOR
RING TOPOGRAPHY.



14.0 | San Elijo Campus

San Elijo Campus
Civil

Domestic Water Proposed Plan



LEGEND:

- EXISTING OMWD WATER
- EXISTING SDWD WATER
- EXISTING DOMESTIC WATER
- EXISTING OMWD FIRE SERVICE WATER
- EXISTING FIRE SERVICE WATER
- PROPOSED DOMESTIC WATER
- PROPOSED GATE VALVE
- PROPOSED FIRE SERVICE WATER
- PROPOSED GATE VALVE
- / / / / / EXISTING WATER TO BE REMOVED OR ABANDONED IN PLACE
- EXISTING FIRE HYDRANT
- WS PROPOSED WATER SERVICE ASSEMBLY
- FS PROPOSED FIRE SERVICE ASSEMBLY
- PROPOSED BUILDING
- PROPOSED DEMOLITION

NOTES:

1. PROPOSED PIPELINE SIZES LISTED ARE PRELIMINARY. ADDITIONAL HYDRAULIC ANALYSIS SHOULD BE PERFORMED TO DETERMINE PIPELINE SIZES.
2. CHILLED WATER AND IRRIGATION WATER SYSTEMS ARE NOT SHOWN.
3. PROPOSED VALVES FOR HYDRANT, WATER SERVICE, AND FIRE SERVICE ASSEMBLIES ARE NOT SHOWN.

FIGURE 4
PRELIMINARY
NOT FOR CONSTRUCTION

Sewer Existing Plan

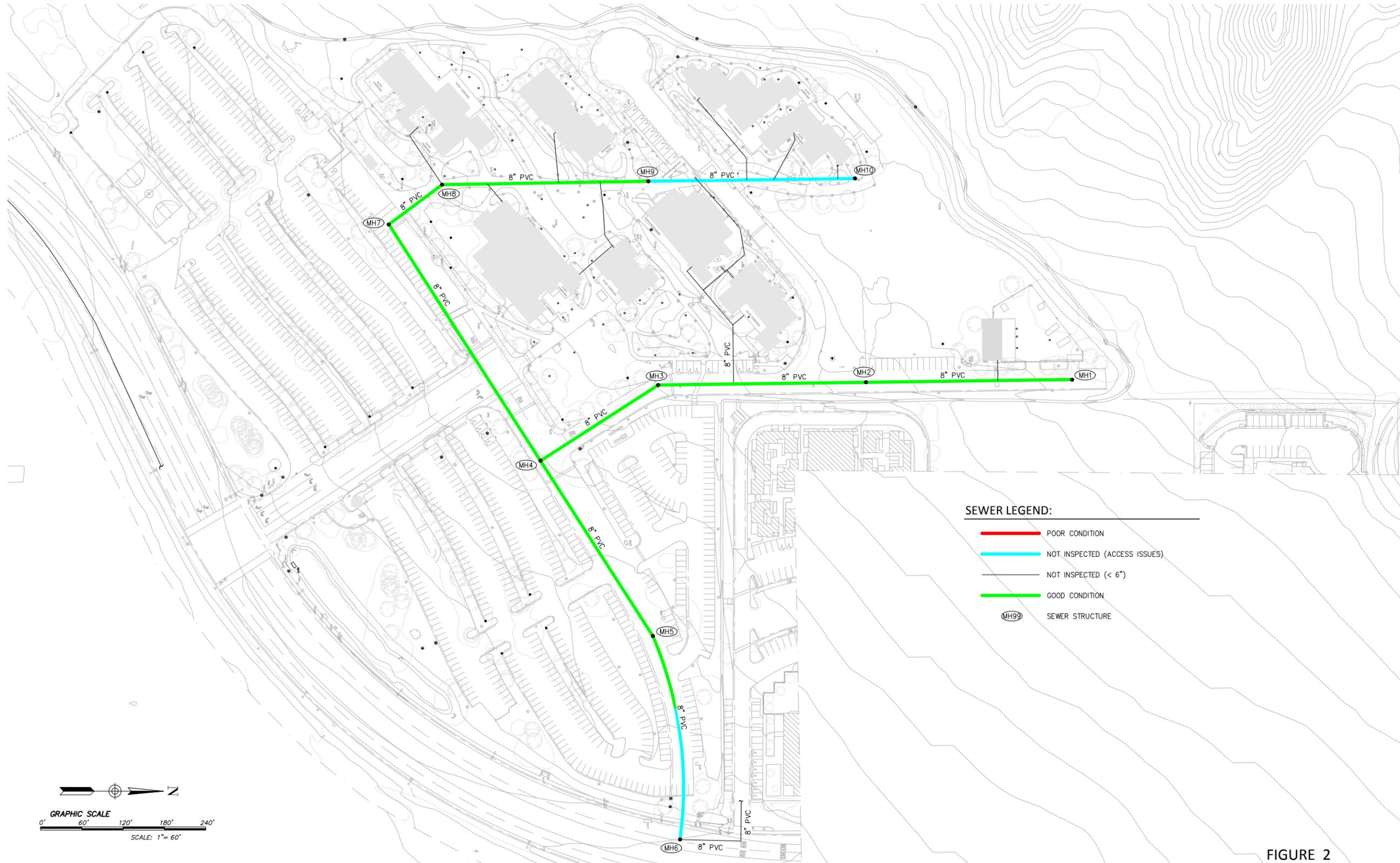
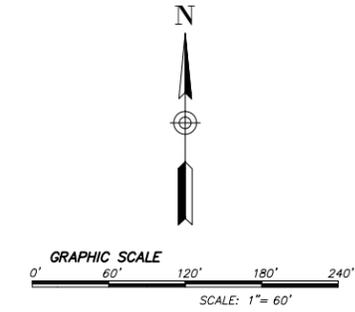
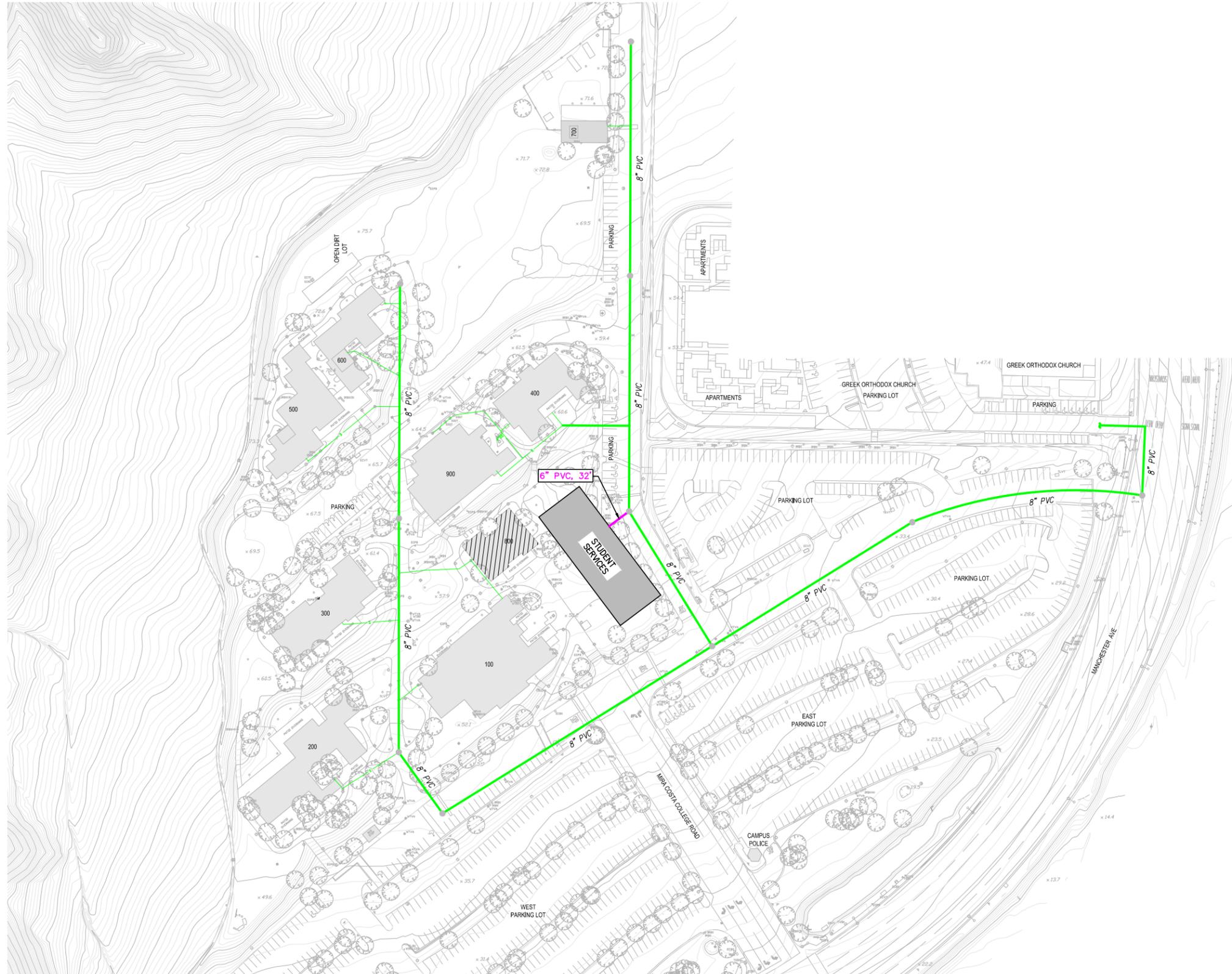


FIGURE 2

Sewer Proposed Plan



LEGEND:

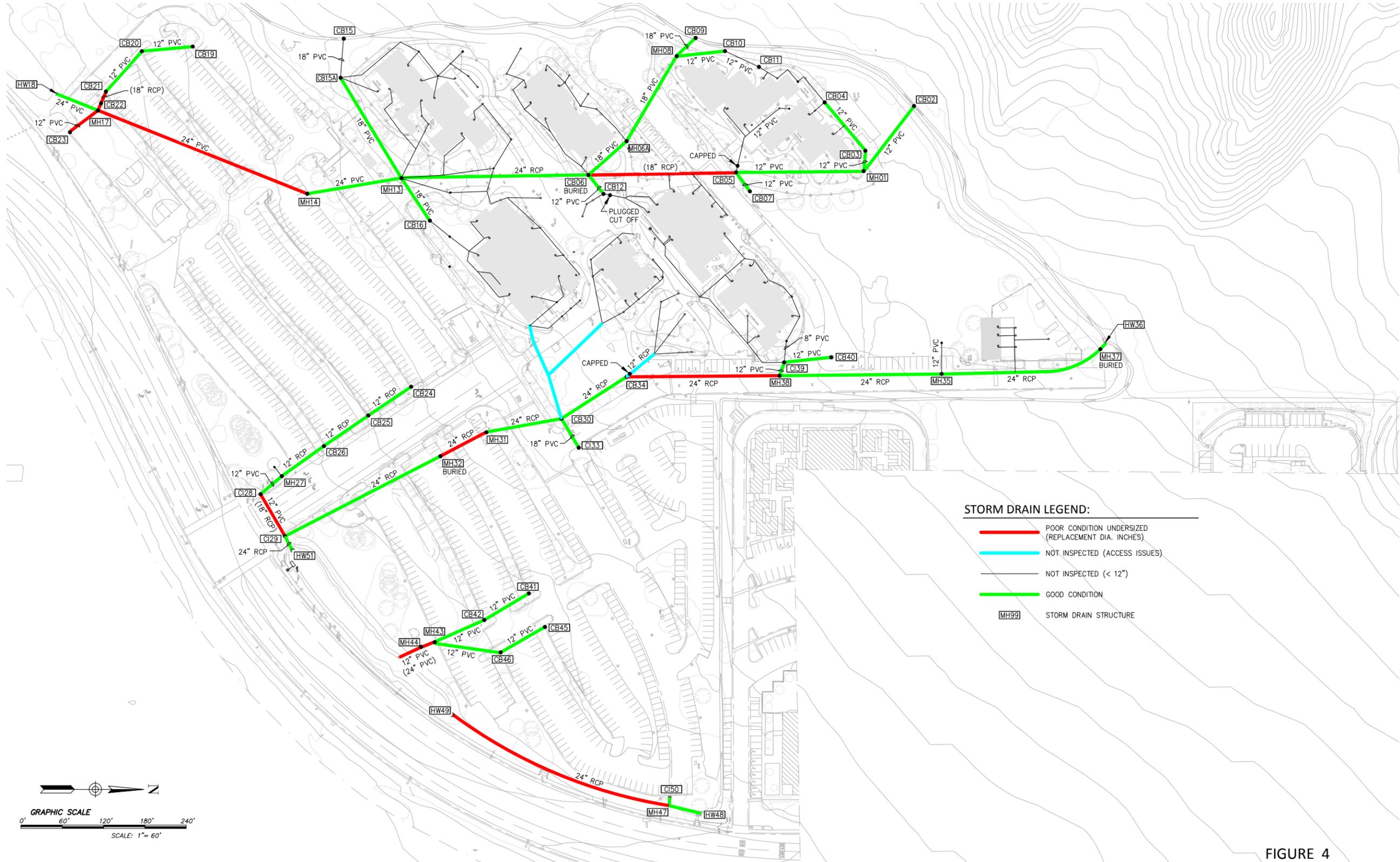
- EXISTING SEWER
- EXISTING MANHOLE
- EXISTING SEWER (< 6")
- PROPOSED SEWER
- PROPOSED MANHOLE
- PROPOSED BUILDING
- PROPOSED DEMOLITION

NOTES:

1. PROPOSED PIPELINE SIZES LISTED ARE PRELIMINARY. ADDITIONAL HYDRAULIC ANALYSIS SHOULD BE PERFORMED TO DETERMINE PIPELINE SIZES.

FIGURE 5
PRELIMINARY
NOT FOR CONSTRUCTION

Storm Drain Existing Plan

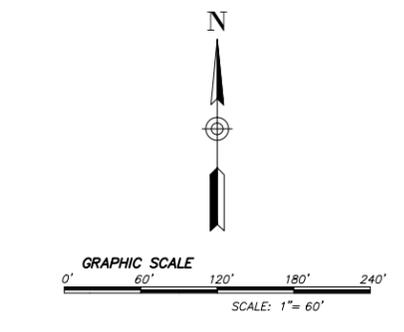


STORM DRAIN LEGEND:

—	POOR CONDITION UNDERSIZED (REPLACEMENT DIA. INCHES)
—	NOT INSPECTED (ACCESS ISSUES)
—	NOT INSPECTED (< 12")
—	GOOD CONDITION
MH99	STORM DRAIN STRUCTURE

FIGURE 4

Storm Drain Proposed Plan



- LEGEND:**
- EXISTING STORM DRAIN
 - EXISTING STORM DRAIN STRUCTURE
 - EXISTING STORM DRAIN (< 12")
 - PROPOSED STORM DRAIN
 - PROPOSED STORM DRAIN STRUCTURE
 - / / / / / EXISTING STORM DRAIN TO BE REMOVED OR ABANDONED IN PLACE
 - PROPOSED BUILDING
 - PROPOSED DEMOLITION

NOTE:

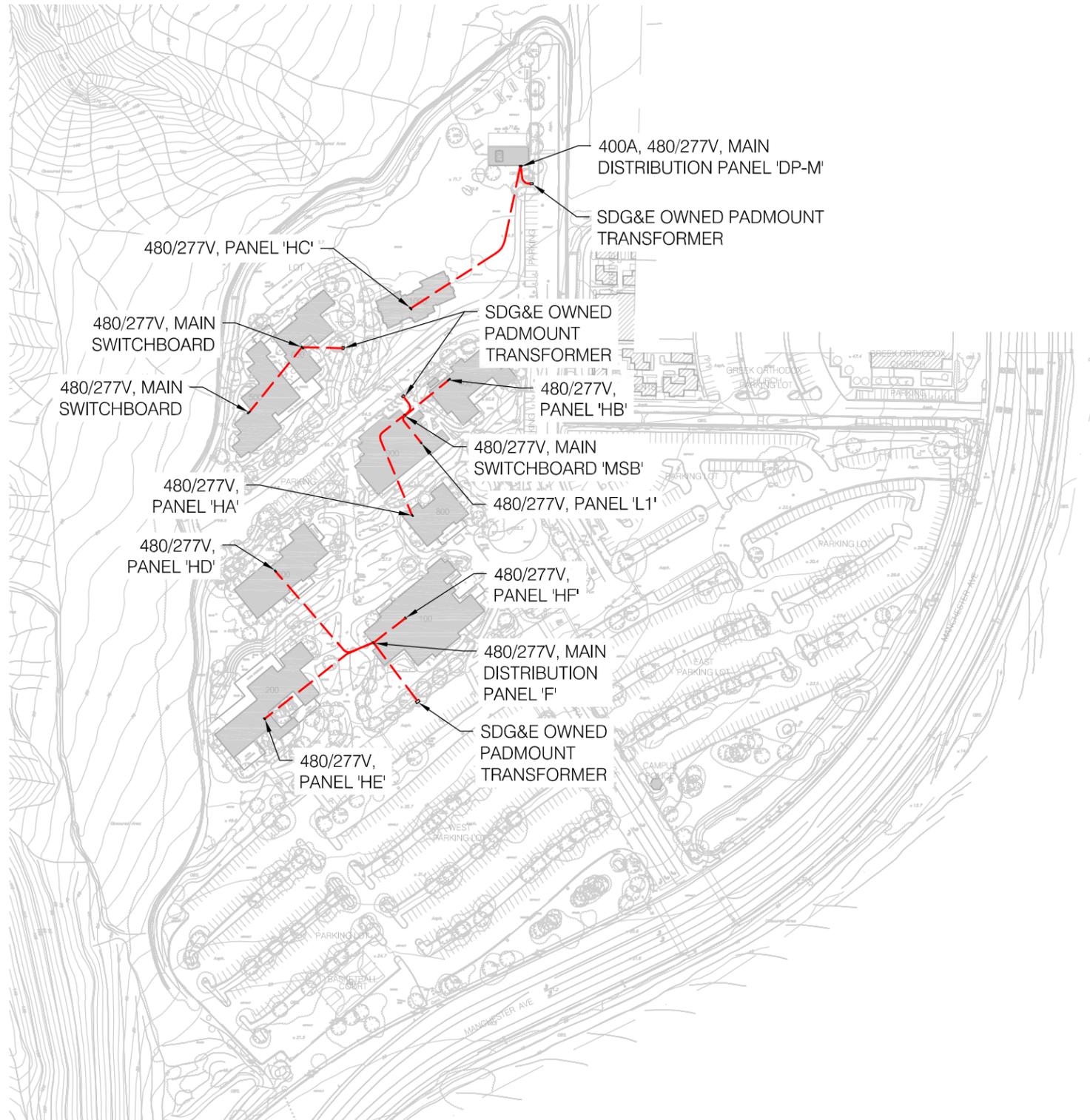
1. PROPOSED PIPELINE SIZES LISTED ARE PRELIMINARY. ADDITIONAL HYDROLOGY STUDIES AND HYDRAULIC ANALYSIS SHOULD BE PERFORMED TO DETERMINE PIPELINE SIZE.

FIGURE 6
PRELIMINARY
NOT FOR CONSTRUCTION

San Elijo Campus
Electrical

Electrical

Existing Electrical Plan



LEGEND	
	EXISTING ELECTRICAL
	MANHOLE
	TRANSFER SWITCH
	PULLBOX
	TRANSFORMER
	SELECTOR SWITCH
	VAULT

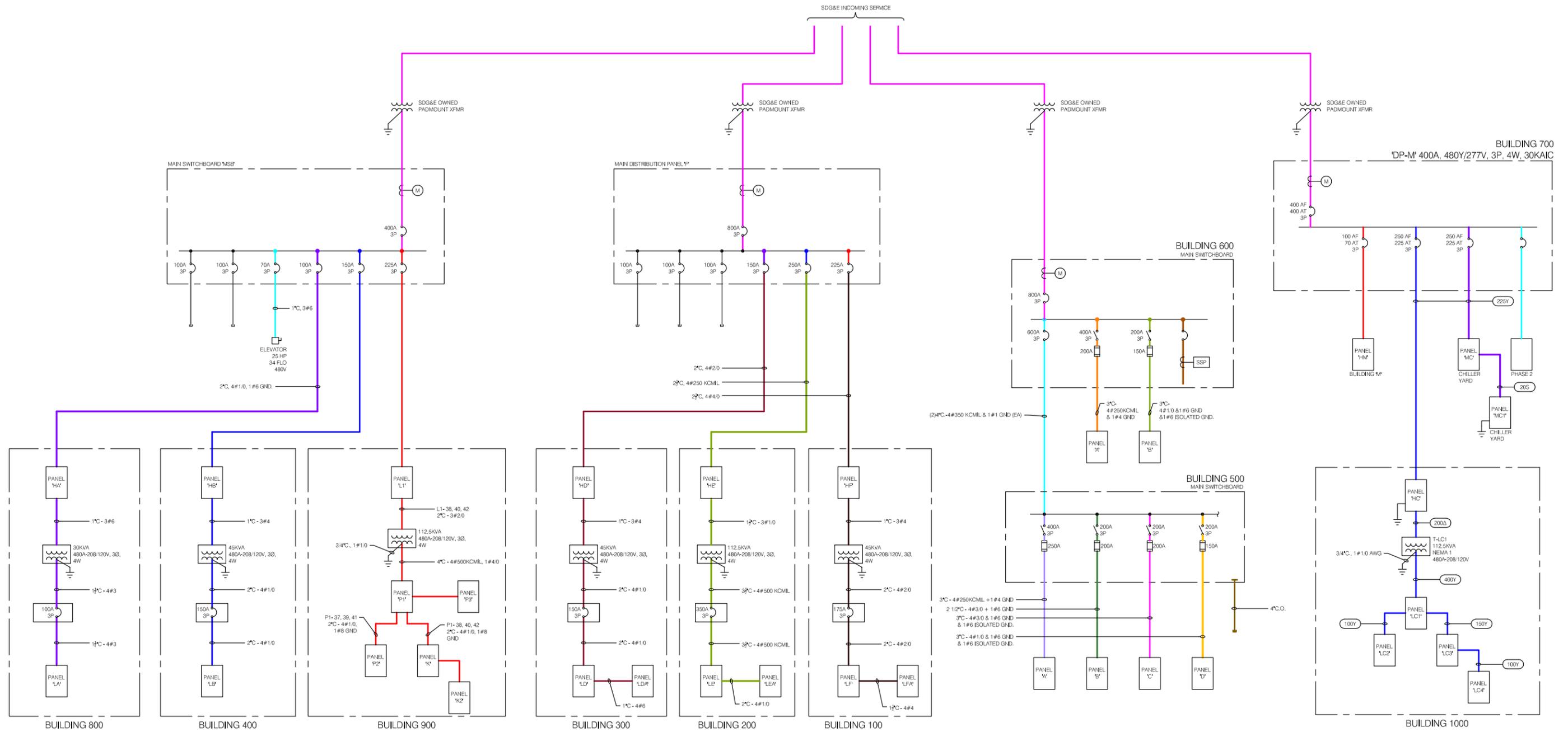
BUILDING LEGEND	
	EXISTING BUILDING

FACILITY LEGEND	
BUILDING.....	100
COMPUTER LABS	
LIBRARY	
MATH LEARNING CENTER	
TESTING	
TUTORING	
WRITING CENTER	
BUILDING.....	200
AMPHITHEATER	
ART STUDIOS	
CLASSROOMS	
MULTIPURPOSE ROOM	
BUILDING.....	300
CLASSROOMS	
FACULTY OFFICES	
MEETING ROOM	
BUILDING.....	400
CLASSROOMS	
FACULTY OFFICES	
SCIENCE LABS	
BUILDING.....	500
CLASSROOMS	
FACULTY OFFICES	
LANGUAGE LAB	
BUILDING.....	600
CLASSROOMS	
FACULTY OFFICES	
BUILDING.....	700
FACILITIES	
BUILDING.....	800
ADMINISTRATION	
ADMISSIONS & RECORDS	
COUNSELING	
DEAN SAN ELIJO CAMPUS	
FACULTY WORKROOM	
INSTRUCTIONAL SERVICES	
STUDENT ACCOUNTS/CASHER	
STUDENT INFORMATION	
BUILDING.....	900
ASSOCIATE DEAN OF STUDENT SERVICES	
BOOKSTORE	
CAFETERIA	
HEALTH SERVICES	
MEETING ROOMS	
STUDENT ACTIVITIES	
BUILDING.....	1000
SCIENCE LABS	



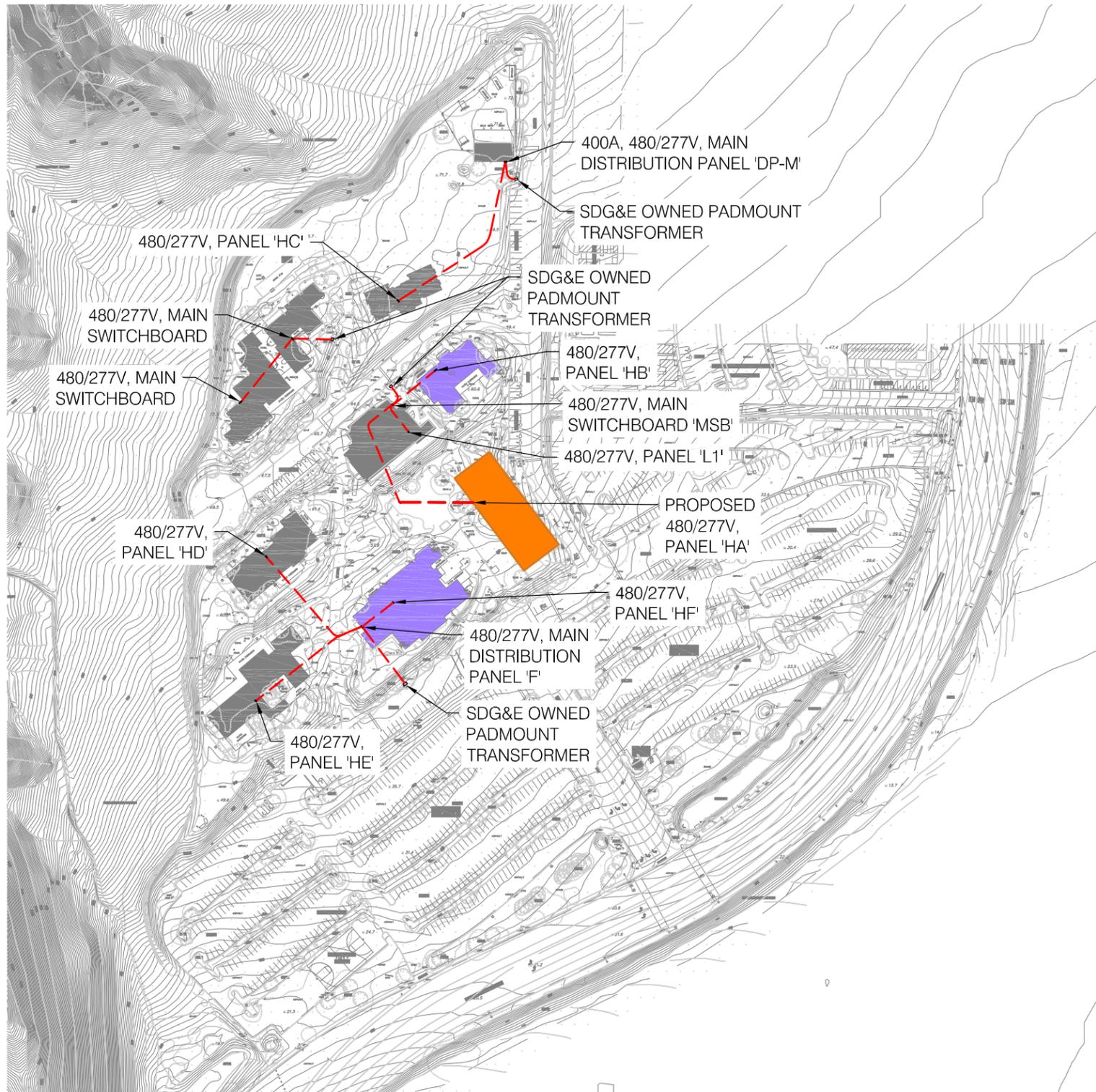
Electrical

Existing Electrical Single Line Diagram



Electrical

Proposed Electrical Plan



LEGEND

	EXISTING ELECTRICAL
	PROPOSED ELECTRICAL
	ELECTRICAL TO BE DEMOLISHED
	MANHOLE
	TRANSFER SWITCH
	PULLBOX
	TRANSFORMER
	SELECTOR SWITCH
	VAULT

BUILDING LEGEND

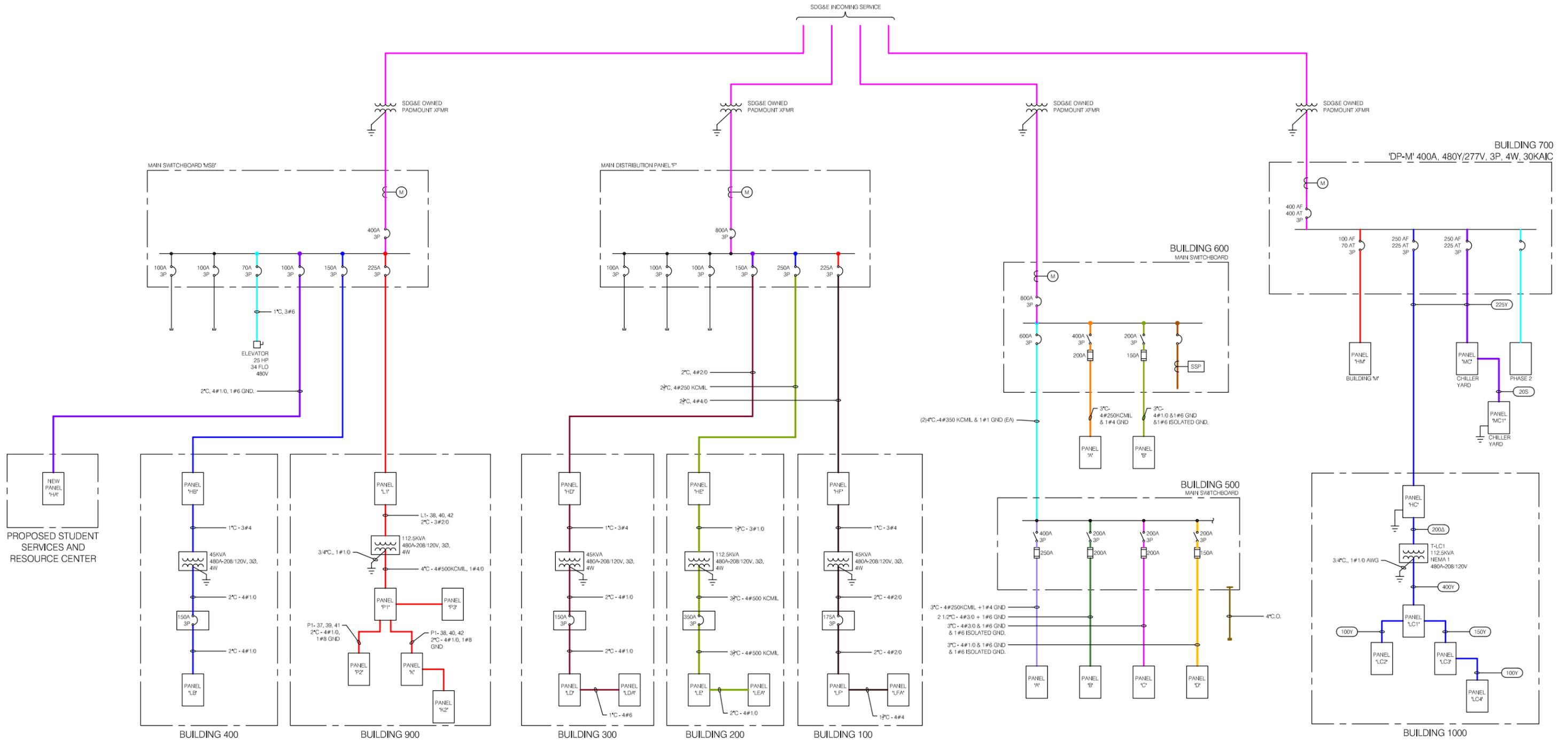
	EXISTING BUILDING
	FUTURE PARKING STRUCTURE
	FUTURE BUILDING
	BUILDING RENOVATION/EXPANSION

FACILITY LEGEND

BUILDING	100
COMPUTER LABS	
LIBRARY	
MATH LEARNING CENTER	
TESTING	
TUTORING	
WRITING CENTER	
BUILDING	200
AMPHITHEATER	
ART STUDIOS	
CLASSROOMS	
MULTIPURPOSE ROOM	
BUILDING	300
CLASSROOMS	
FACULTY OFFICES	
MEETING ROOM	
BUILDING	400
CLASSROOMS	
FACULTY OFFICES	
SCIENCE LABS	
BUILDING	500
CLASSROOMS	
FACULTY OFFICES	
LANGUAGE LAB	
BUILDING	600
CLASSROOMS	
FACULTY OFFICES	
BUILDING	700
FACILITIES	
BUILDING	800
ADMINISTRATION	
ADMISSIONS & RECORDS	
COUNSELING	
DEAN, SAN ELIJO CAMPUS	
FACULTY WORKROOM	
INSTRUCTIONAL SERVICES	
STUDENT ACCOUNTS/CASHER	
STUDENT INFORMATION	
BUILDING	900
ASSOCIATE DEAN OF STUDENT SERVICES	
BOOKSTORE	
CAFETERIA	
HEALTH SERVICES	
MEETING ROOMS	
STUDENT ACTIVITIES	
BUILDING	1000
SCIENCE LABS	

Electrical

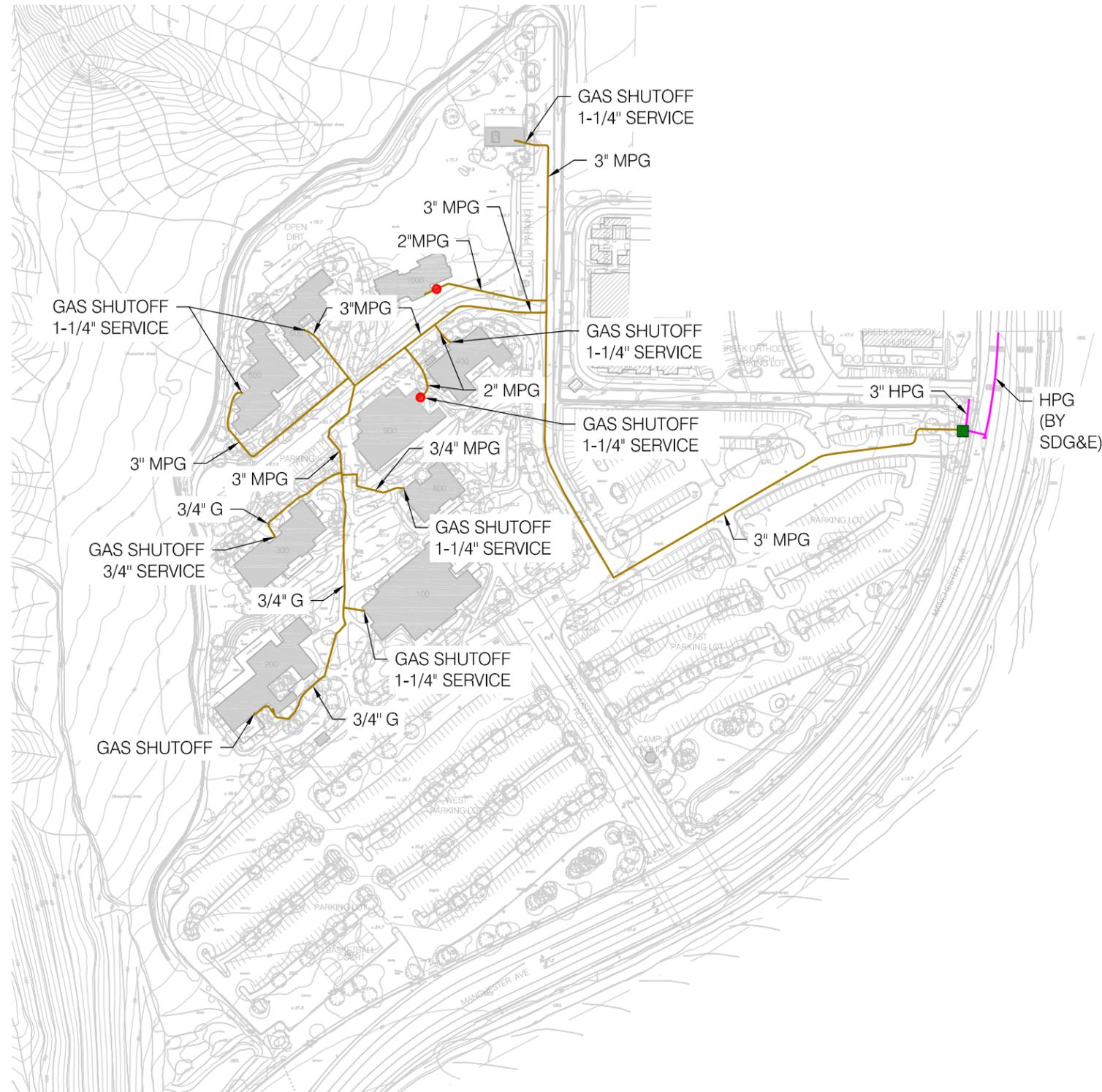
Proposed Electrical Single Line Diagram



San Elijo Campus
Natural Gas

Natural Gas

Existing Natural Gas Plan



	CAMPUS GAS LINE
	UTILITY GAS LINE
	EXISTING UTILITY TUNNEL
	ISOLATION VALVE
	EARTHQUAKE VALVE
	UTILITY METER
	CAMPUS METER
	VALVE PIT
	CAPPED LINE

BUILDING LEGEND

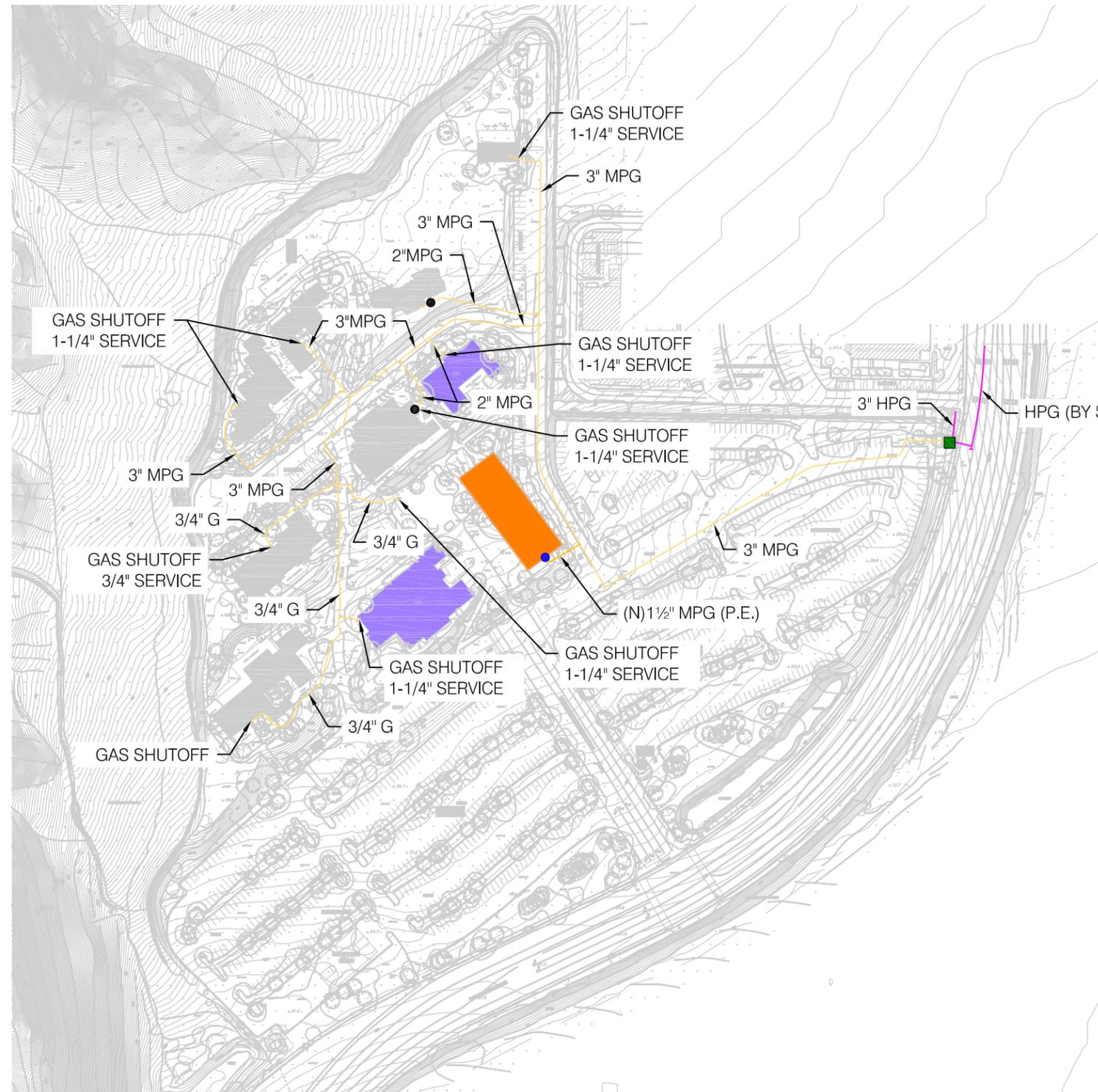
NO GAS SERVICE.....	
DIRECT UTILITY SERVICE.....	
CAMPUS-METERED SERVICE.....	
CAMPUS SERVICE.....	

BUILDING.....	100
COMPUTER LABS	
LIBRARY	
MATH LEARNING CENTER	
TESTING	
TUTORING	
WRITING CENTER	
BUILDING.....	200
AMPHITHEATER	
ART STUDIOS	
CLASSROOMS	
MULTIPURPOSE ROOM	
BUILDING.....	300
CLASSROOMS	
FACULTY OFFICES	
MEETING ROOM	
BUILDING.....	400
CLASSROOMS	
FACULTY OFFICES	
SCIENCE LABS	
BUILDING.....	500
CLASSROOMS	
FACULTY OFFICES	
LANGUAGE LAB	
BUILDING.....	600
CLASSROOMS	
FACULTY OFFICES	
BUILDING.....	700
FACILITIES	
BUILDING.....	800
ADMINISTRATION	
ADMISSIONS & RECORDS	
COUNSELING	
DEAN, SAN ELIJO CAMPUS	
FACULTY WORKROOM	
INSTRUCTIONAL SERVICES	
STUDENT ACCOUNTS/CASHIER	
STUDENT INFORMATION	
BUILDING.....	900
ASSOCIATE DEAN OF STUDENT SERVICES	
BOOKSTORE	
CAFETERIA	
HEALTH SERVICES	
MEETING ROOMS	
STUDENT ACTIVITIES	
BUILDING.....	1000
SCIENCE LABS	



Natural Gas

Proposed Natural Gas Plan



LEGEND	
	PROPOSED GAS LINE
	CAMPUS GAS LINE
	UTILITY GAS LINE
	ABANDONED GAS LINE
	ISOLATION VALVE
	EARTHQUAKE VALVE
	GAS PRESSURE REGULATOR
	UTILITY METER
	CAMPUS METER
	VALVE PIT
	CAPPED LINE

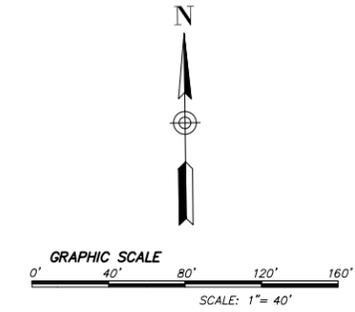
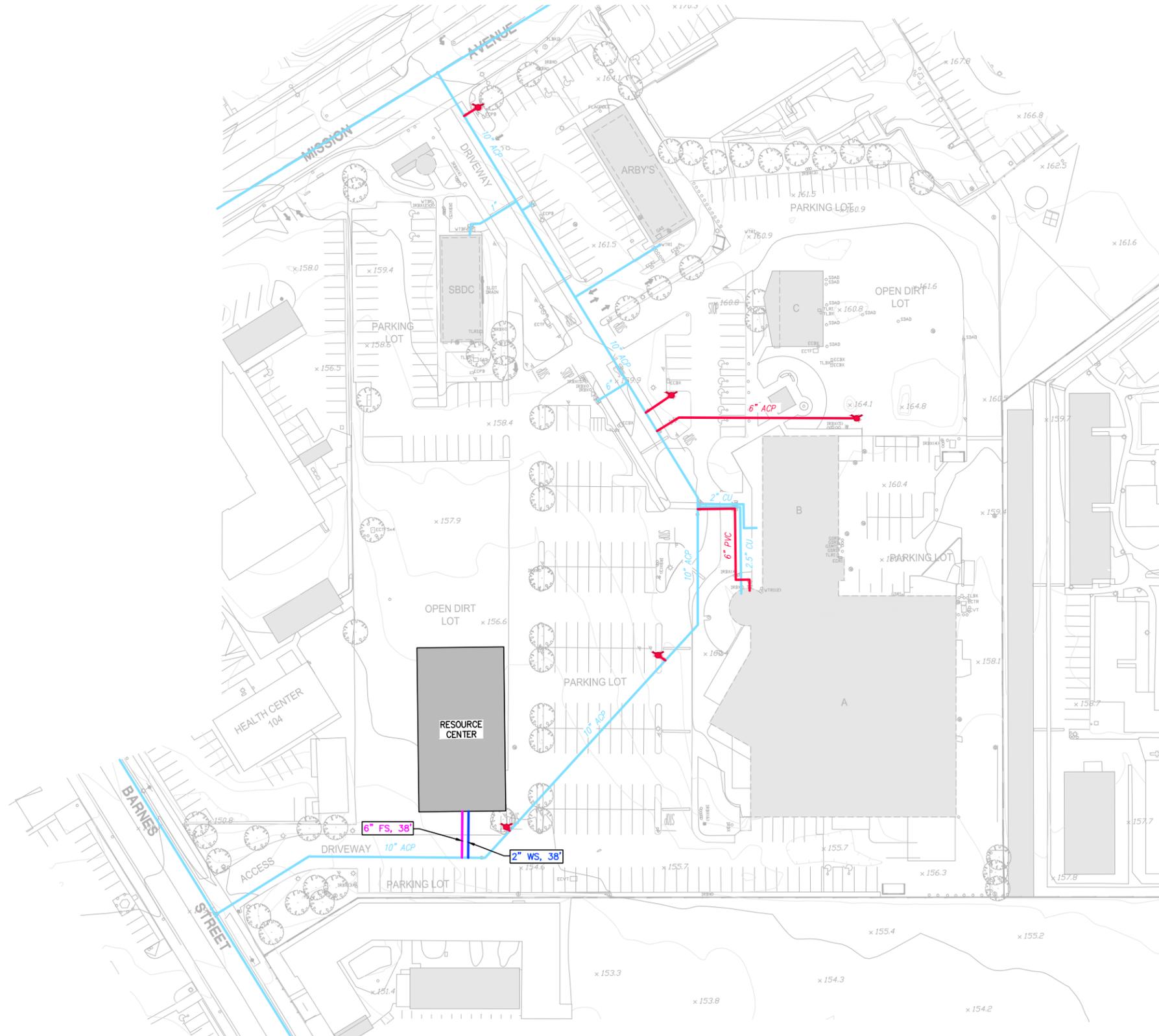
BUILDING LEGEND	
	EXISTING BUILDING
	FUTURE PARKING STRUCTURE
	FUTURE BUILDING
	BUILDING RENOVATION/EXPANSION

FACILITY LEGEND	
BUILDING.....100	COMPUTER LABS
	LIBRARY
	MATH LEARNING CENTER
	TESTING
	TUTORING
	WRITING CENTER
BUILDING.....200	AMPHITHEATER
	ART STUDIOS
	CLASSROOMS
	MULTIPURPOSE ROOM
BUILDING.....300	CLASSROOMS
	FACULTY OFFICES
	MEETING ROOM
BUILDING.....400	CLASSROOMS
	FACULTY OFFICES
	SCIENCE LABS
BUILDING.....500	CLASSROOMS
	FACULTY OFFICES
	LANGUAGE LAB
BUILDING.....600	CLASSROOMS
	FACULTY OFFICES
BUILDING.....700	CLASSROOMS
	FACULTY OFFICES
BUILDING.....800	FACILITIES
	ADMINISTRATION
	ADMISSIONS & RECORDS
	COUNSELING
	DEAN, SAN ELIJO CAMPUS
	FACULTY WORKROOM
	INSTRUCTIONAL SERVICES
	STUDENT ACCOUNTS/CASHER
	STUDENT INFORMATION
BUILDING.....900	ASSOCIATE DEAN OF STUDENT SERVICES
	BOOKSTORE
	CAFETERIA
	HEALTH SERVICES
	MEETING ROOMS
	STUDENT ACTIVITIES
BUILDING.....1000	SCIENCE LABS

15.0 | CLC Campus

CLC Campus
Civil

Domestic Water Proposed Plan



LEGEND:

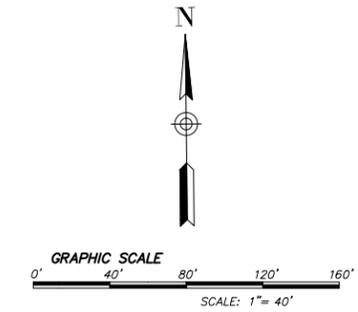
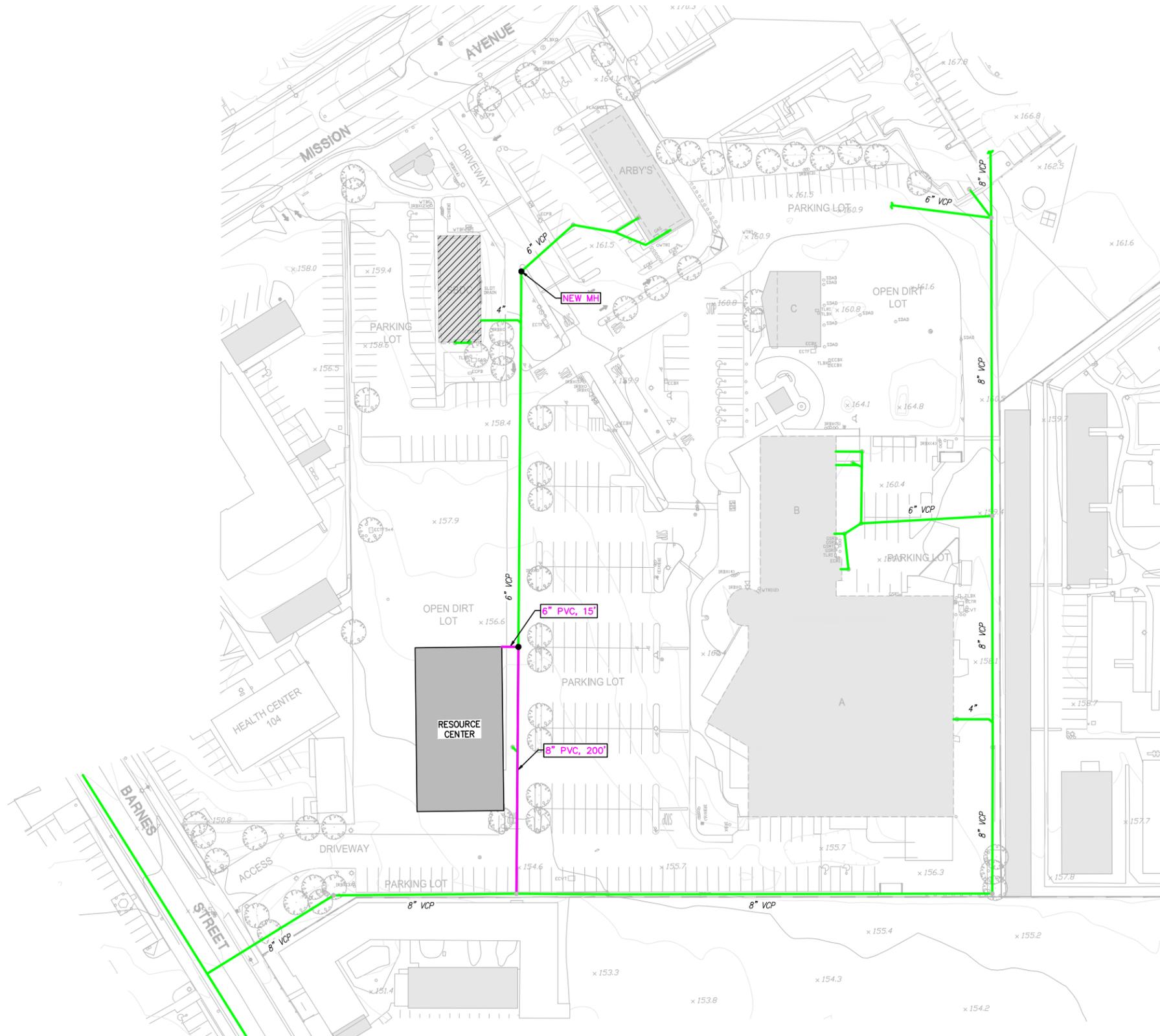
- EXISTING WATER
- EXISTING FIRE SERVICE WATER
- PROPOSED DOMESTIC WATER
- PROPOSED FIRE SERVICE WATER
- EXISTING FIRE HYDRANT
- WS PROPOSED WATER SERVICE ASSEMBLY
- FS PROPOSED FIRE SERVICE ASSEMBLY
- PROPOSED BUILDING
- PROPOSED DEMOLITION

NOTES:

1. PROPOSED PIPELINE SIZES LISTED ARE PRELIMINARY. ADDITIONAL HYDRAULIC ANALYSIS SHOULD BE PERFORMED TO DETERMINE PIPELINE SIZES.
2. CHILLED WATER AND IRRIGATION WATER SYSTEMS ARE NOT SHOWN.
3. PROPOSED VALVES FOR HYDRANT, WATER SERVICE, AND FIRE SERVICE ASSEMBLIES ARE NOT SHOWN.

FIGURE 7
PRELIMINARY
NOT FOR CONSTRUCTION

Sewer Proposed Plan



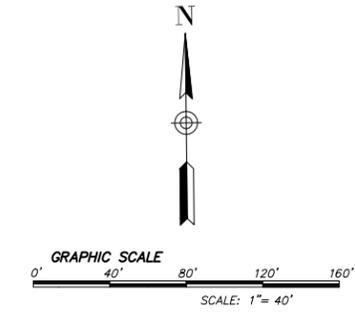
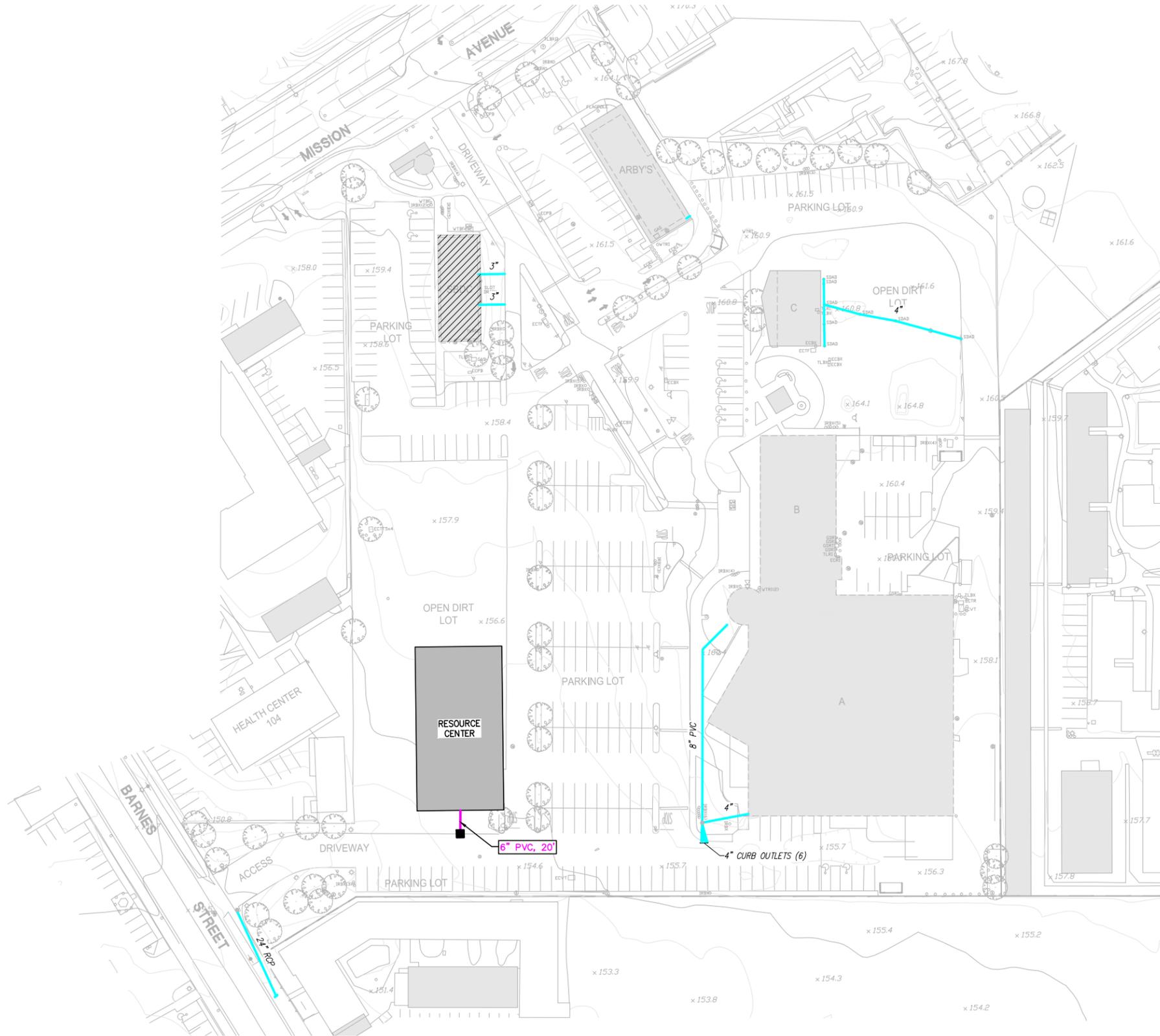
- LEGEND:**
- EXISTING SEWER
 - EXISTING MANHOLE
 - EXISTING SEWER (< 6")
 - PROPOSED SEWER
 - PROPOSED MANHOLE
 - PROPOSED BUILDING
 - PROPOSED DEMOLITION

NOTES:

1. PROPOSED PIPELINE SIZES LISTED ARE PRELIMINARY. ADDITIONAL HYDRAULIC ANALYSIS SHOULD BE PERFORMED TO DETERMINE PIPELINE SIZES.

FIGURE 8
PRELIMINARY
NOT FOR CONSTRUCTION

Storm Drains Proposed Plan



LEGEND:

- EXISTING STORM DRAIN
- EXISTING STORM DRAIN STRUCTURE
- PROPOSED STORM DRAIN
- PROPOSED STORM DRAIN STRUCTURE
- PROPOSED BUILDING
- PROPOSED DEMOLITION

NOTE:

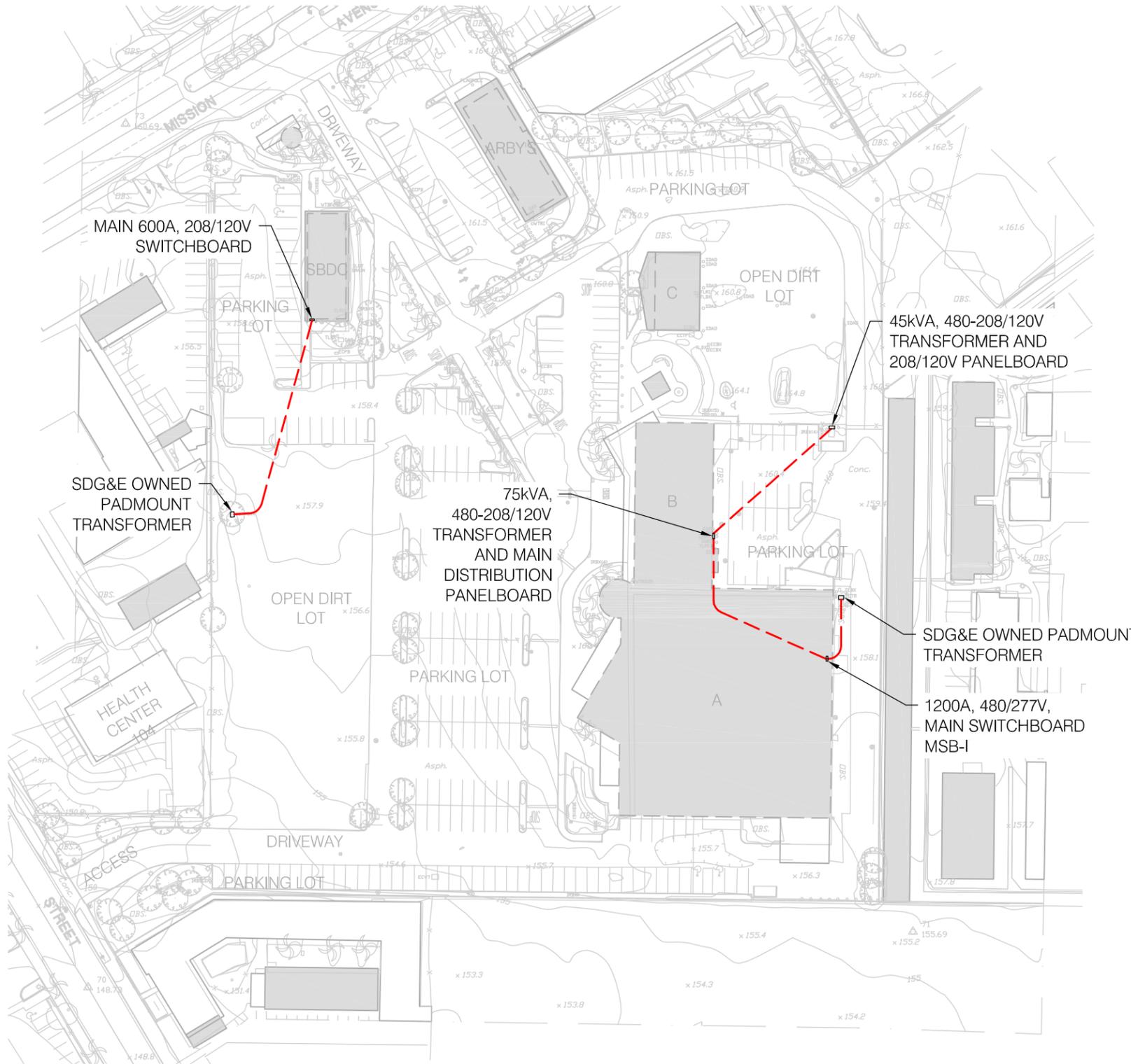
1. PROPOSED PIPELINE SIZES LISTED ARE PRELIMINARY. ADDITIONAL HYDROLOGY STUDIES AND HYDRAULIC ANALYSIS SHOULD BE PERFORMED TO DETERMINE PIPELINE SIZE.

FIGURE 9
PRELIMINARY
NOT FOR CONSTRUCTION

CLC Campus
Electrical

Electrical

Existing Electrical Plan



LEGEND

- EXISTING ELECTRICAL
- MANHOLE
- TRANSFER SWITCH
- PULLBOX
- TRANSFORMER
- △ SELECTOR SWITCH
- ⊠ VAULT

BUILDING LEGEND

EXISTING BUILDING.....

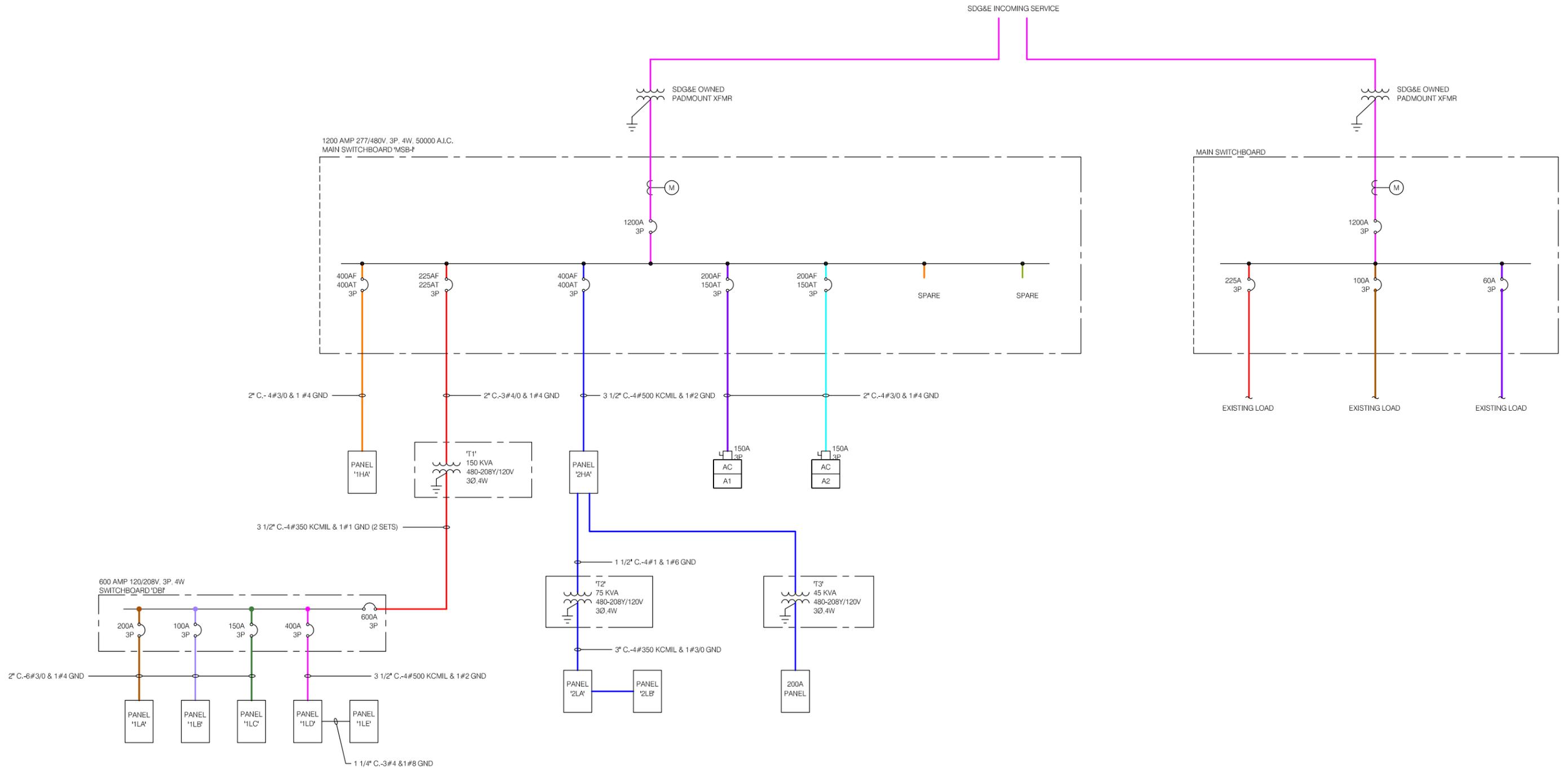
FACILITY LEGEND

- BUILDING W'
- BUILDING E'
- BUILDING C'
- SMALL BUSINESS DEVELOPMENT



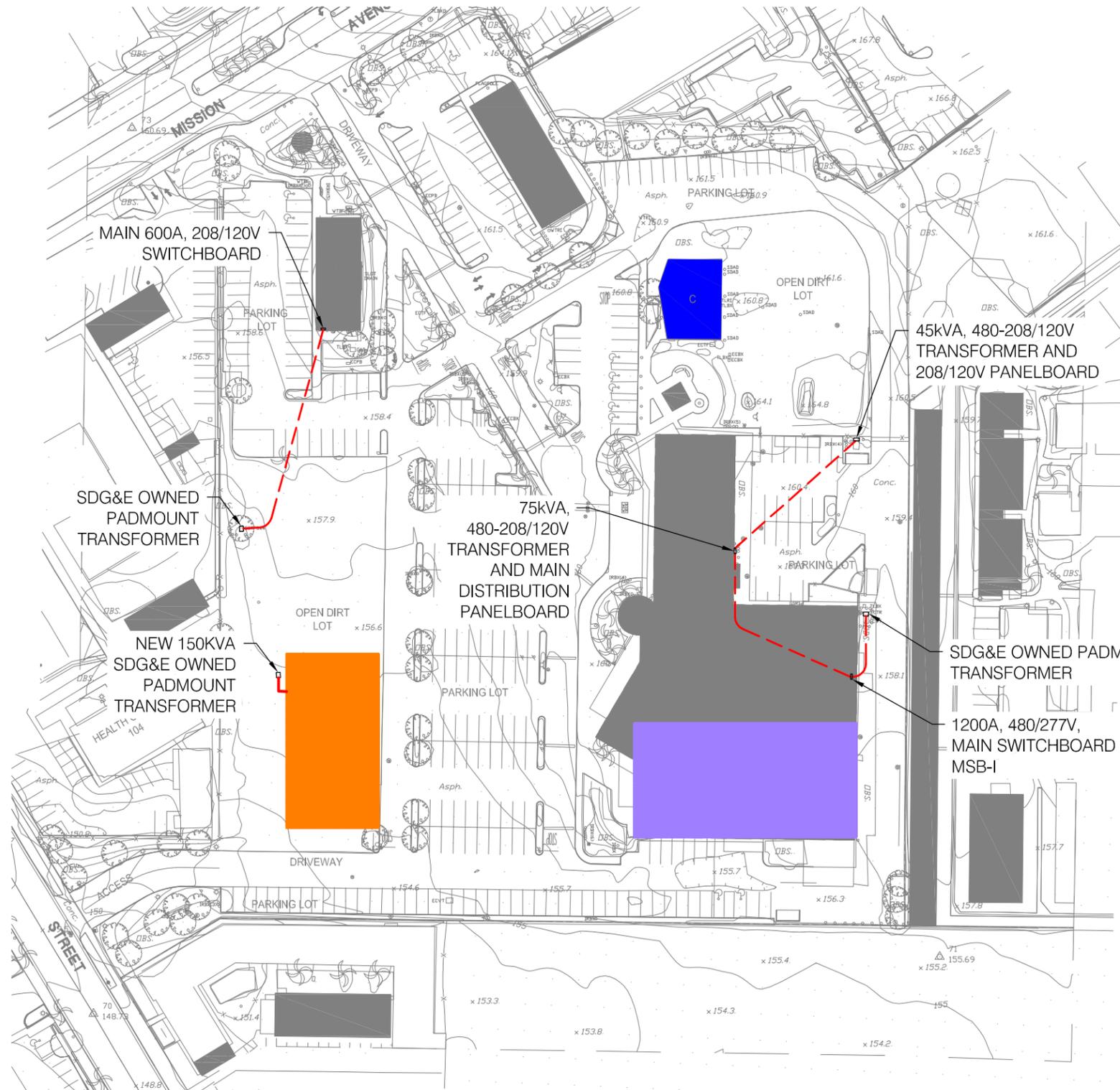
Electrical

Existing Electrical Single Line Diagram



Electrical

Proposed Electrical Plan



LEGEND

- EXISTING ELECTRICAL
- PROPOSED ELECTRICAL
- ELECTRICAL TO BE DEMOLISHED
- MANHOLE
- TRANSFER SWITCH
- PULLBOX
- TRANSFORMER
- △ SELECTOR SWITCH
- ⊠ VAULT

BUILDING LEGEND

- EXISTING BUILDING.....
- FUTURE PARKING STRUCTURE.....
- FUTURE BUILDING.....
- BUILDING RENOVATION/EXPANSION.....
- BUILDING DEMOLITION.....

FACILITY LEGEND

- BUILDING W'
- BUILDING E'
- BUILDING C'
- SMALL BUSINESS DEVELOPMENT



Electrical

Proposed Electrical Single Line Diagram

