



MiraCosta College **Facilities Master Plan Update** Utilities & Infrastructure Drawings, Volume IV





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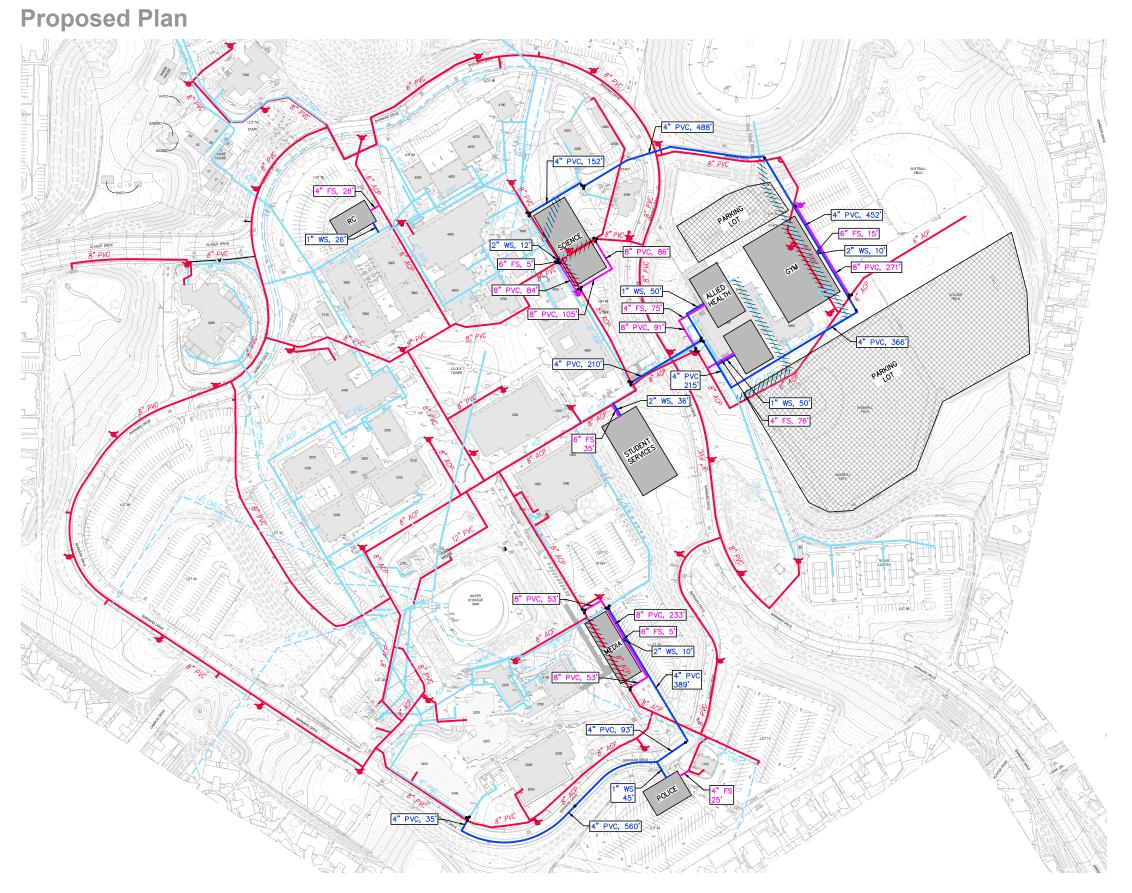
Civil Mechanical Electrical Natural Gas Technology

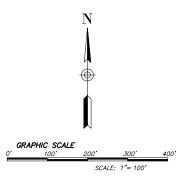
13.0 Oceanside Campus

3.0

Oceanside Campus Civil

Domestic Water





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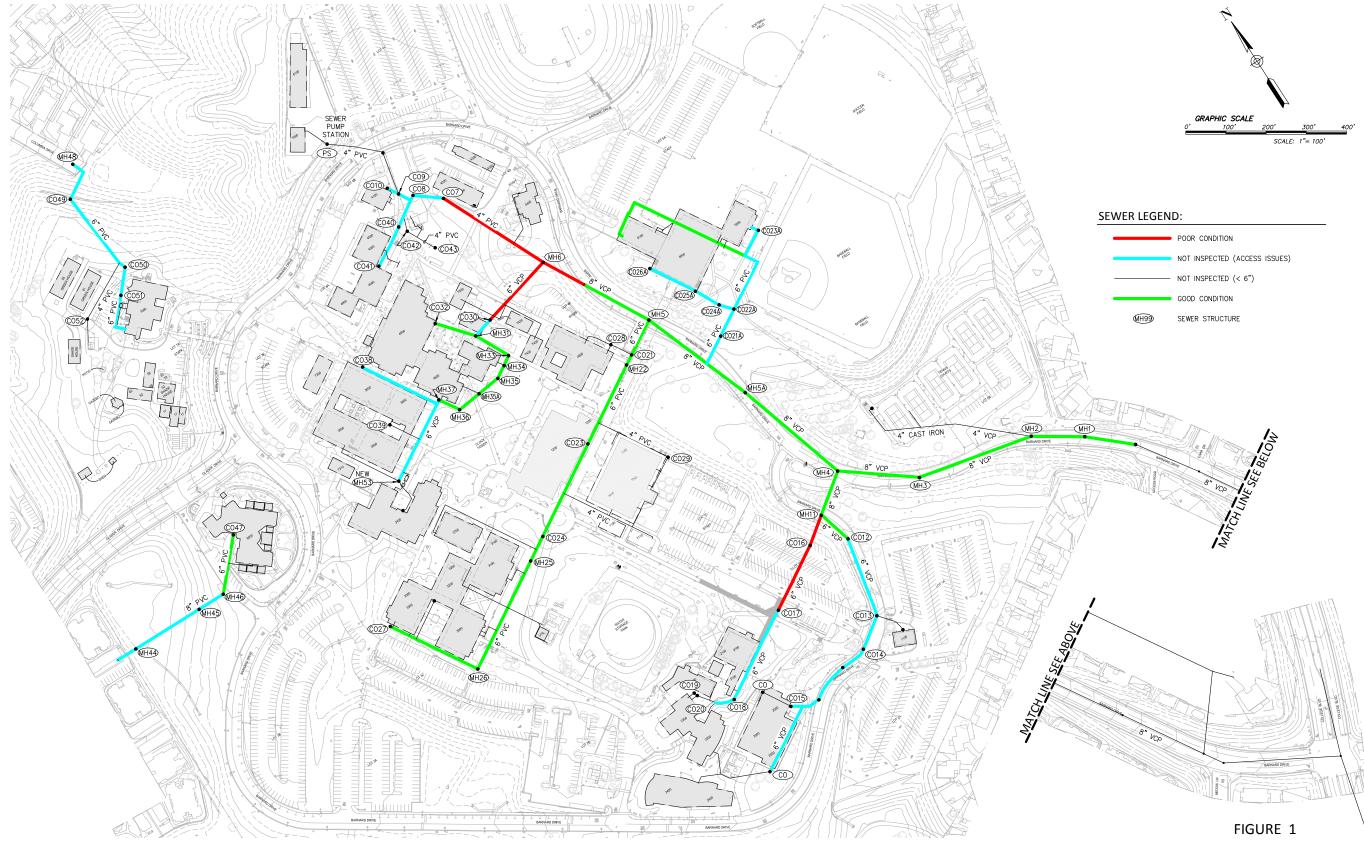
	EXISTING CITY OF OCEANSIDE WATER
	EXISTING DOMESTIC WATER
	EXISTING FIRE SERVICE WATER
	PROPOSED DOMESTIC WATER - PROPOSED GATE VALVE
-	PROPOSED FIRE SERVICE WATER - PROPOSED GATE VALVE
444444	EXISTING WATER TO BE REMOVED OR ABANDONED IN PLACE
*	EXISTING FIRE HYDRANT
*	PROPOSED FIRE HYDRANT ASSEMBLY
WS	PROPOSED WATER SERVCE ASSEMBLY
FS	PROPOSED FIRE SERVICE ASSEMBLY
	PROPOSED BUILDING
	PROPOSED PARKING LOT

NOTES:

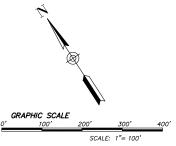
- 1. PROPOSED PIPELINE SIZES LISTED ARE PRELIMINARY. ADDITIONAL HYDRAULIC ANALYSIS SHOULD BE PERFORMED TO DETERMINE PIPELINE SIZES.
- 2. CHILLED WATER AND IRRIGATION WATER SYSTEMS ARE NOT SHOWN.
- 3. PROPOSED VALVES FOR HYDRANT, WATER SERVICE, AND FIRE SERVICE ASSEMBLIES ARE NOT SHOWN.

FIGURE 1 PRELIMINARY NOT FOR CONSTRUCTION

Sewer **Existing Plan**



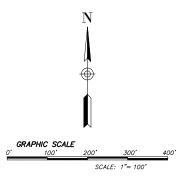




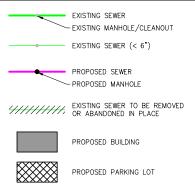
	POOR CONDITION
	NOT INSPECTED (ACCESS ISSUES)
	NOT INSPECTED (< 6")
	GOOD CONDITION
VH99	SEWER STRUCTURE

Sewer Proposed Plan





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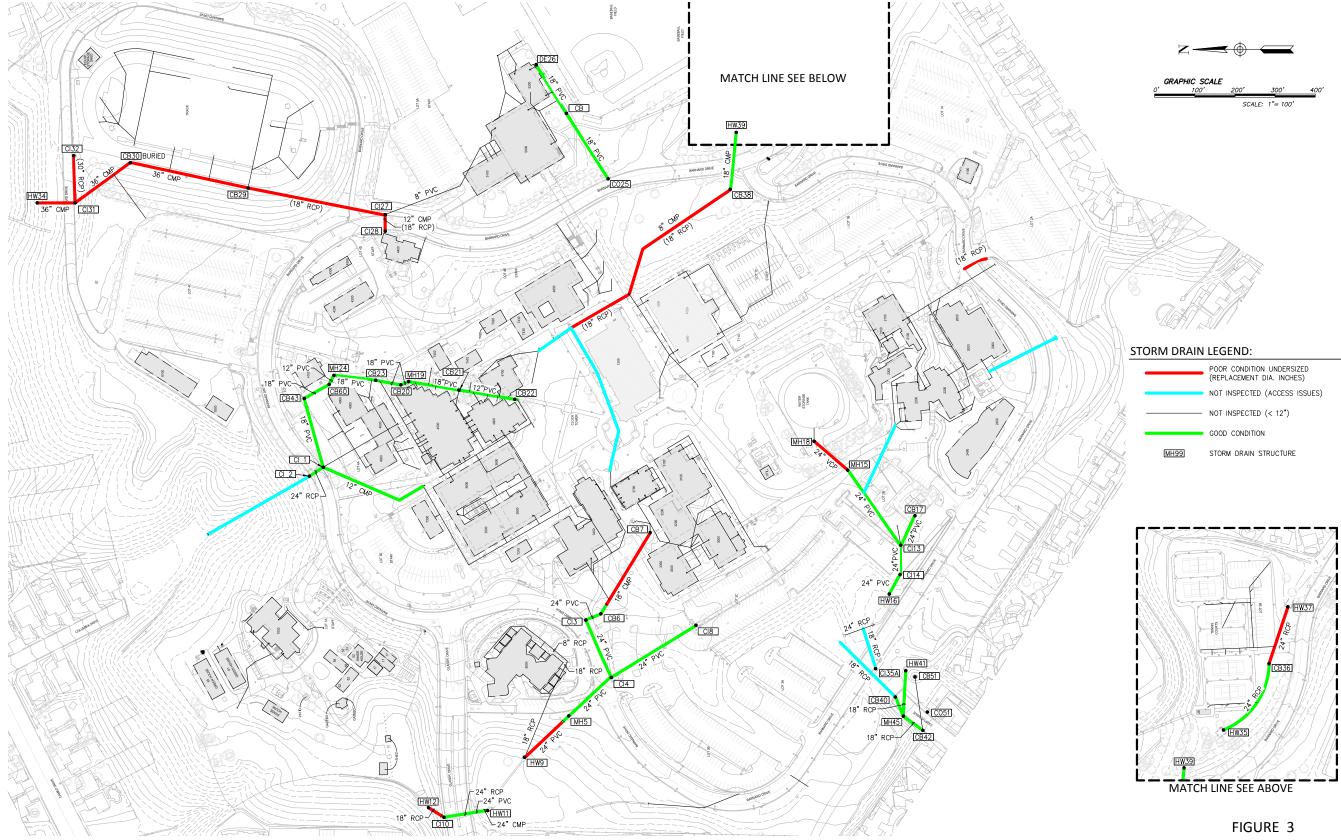


NOTES:

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



Storm Drains Existing Plan



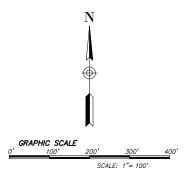




	POOR CONDITION UNDERSIZED (REPLACEMENT DIA. INCHES)
	NOT INSPECTED (ACCESS ISSUES)
	NOT INSPECTED (< 12")
	GOOD CONDITION
MH99	STORM DRAIN STRUCTURE

Storm Drains Proposed Plan





LEGEND:

_	EXISTING STORM DRAIN - EXISTING STORM DRAIN STRUCTURE
	EXISTING STORM DRAIN (< 6")
	PROPOSED STORM DRAIN - PROPOSED STORM DRAIN STRUCTURE
444444	EXISTING STORM DRAIN TO BE REMOVED OR ABANDONED IN PLACE
	PROPOSED BUILDING
	PROPOSED PARKING LOT

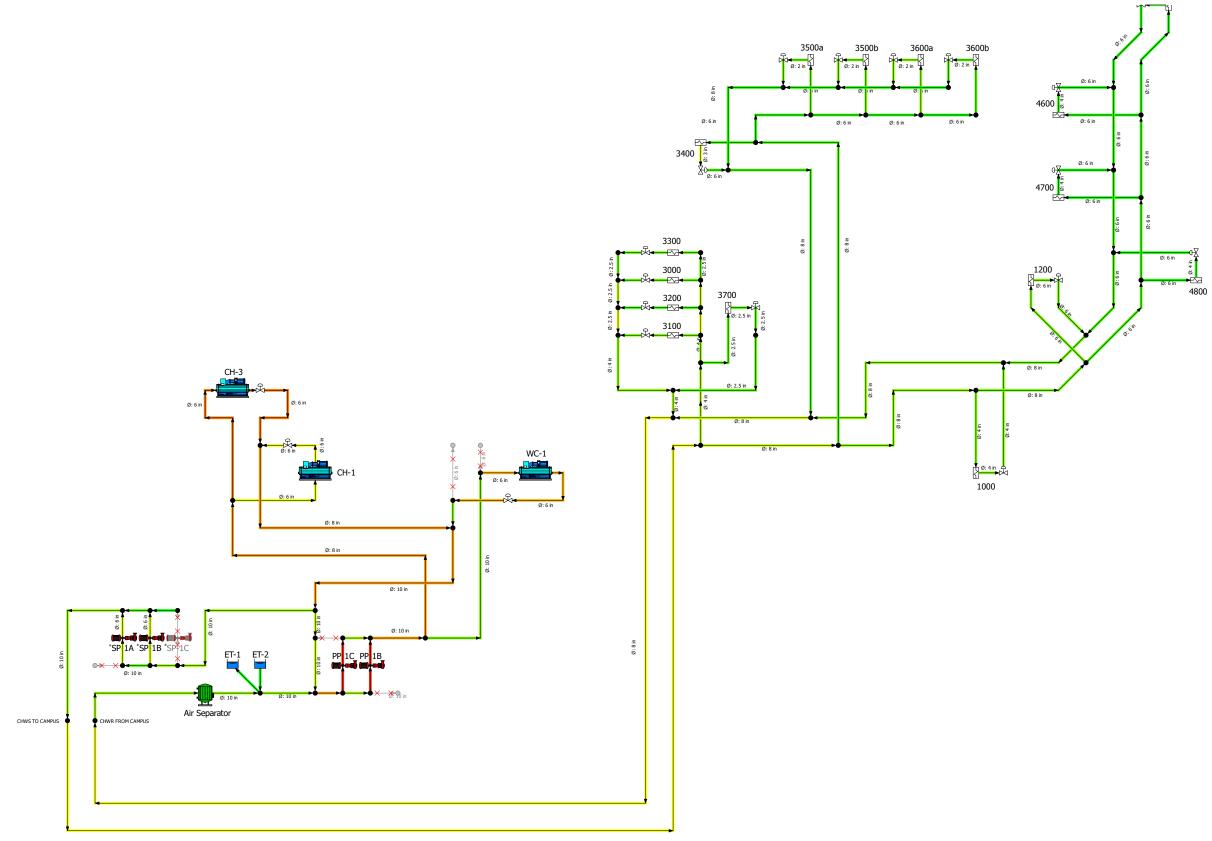
NOTE:

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



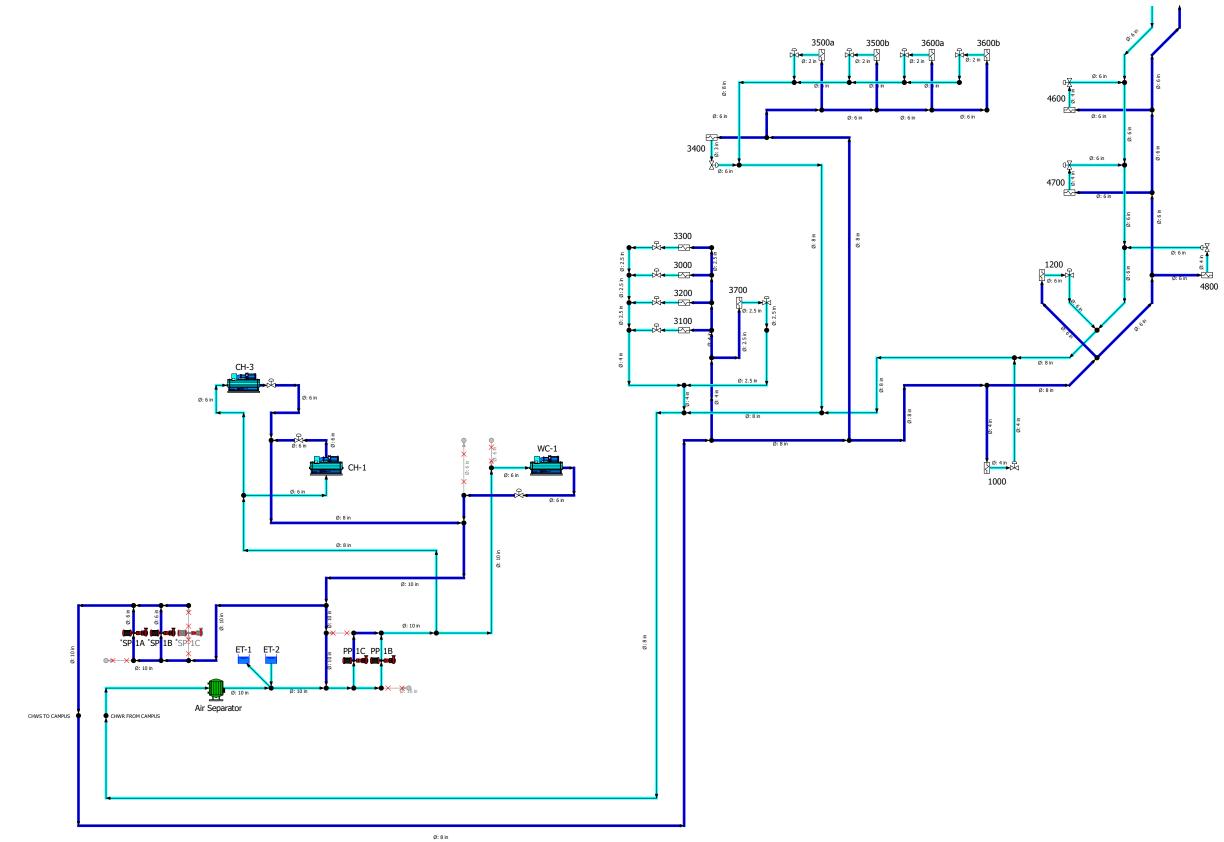
Oceanside Campus Mechanical

Chilled Water Existing Pipe-Flo Model - Main Central Plant - Velocity

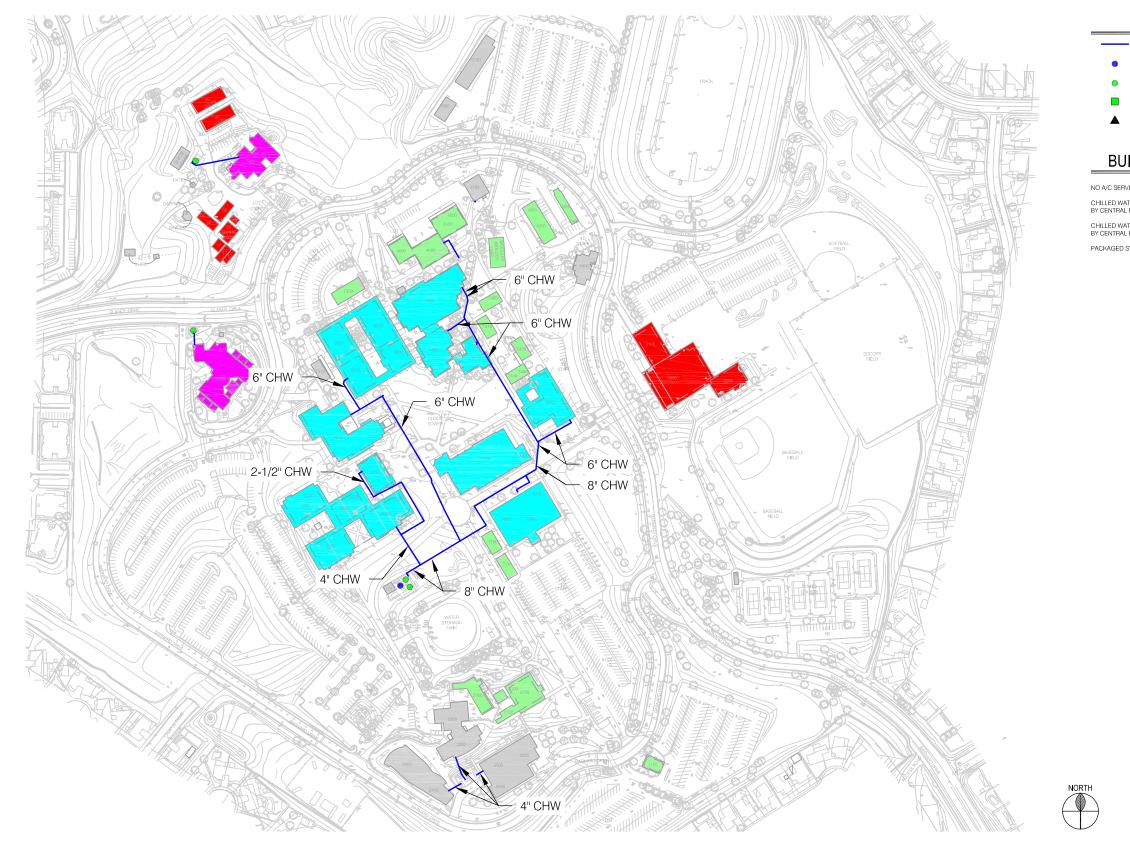




Chilled Water Existing Pipe-Flo Model - Main Central Plant - Fluid Zone



Chilled Water Existing Chilled Water Plan





LEGEND

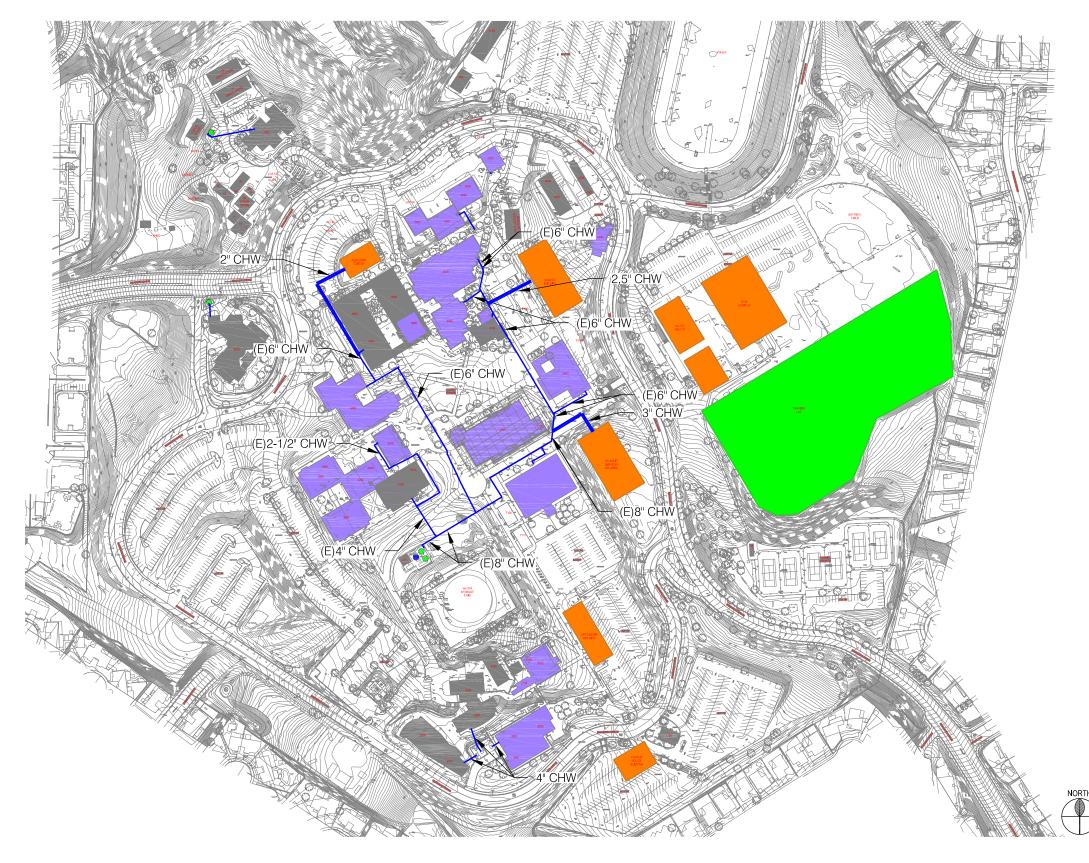
A/C SERVICE		
BUILDING LEGEND		
	BOOSTER PUMP WITH VFD	
	VALVE PIT	
٠	AIR COOLED CHILLER	
•	WATER COOLED CHILLER	
	CHILLED WATER LINE	

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TER NOT SERVICED	
SYSTEMS.	and the second

FACILITY LEGEND

ADMISSIONS & RECORDS	
ART	
ART GALLERY	
ASSOCIATE FACULTY OFFICE.	4606
ASSOCIATED STUDENTS	3400
ATHLETICS.	
AUTOMOTIVE TECHNOLOGY	
BIOTECHNOLOGY	
BOOKSTORE	
BUSINESS DEVELOPMENT	
BUSINESS SERVICES.	
CAFETERIA	
CALEORKS	
CAREER CENTER	
CHILD DEVELOPMENT CENTER	
COLLEGE POLICE	
COMPUTER/BUSINESS DEPARTMENT	
CONCERT HALL	
COUNSELING.	
DANCE STUDIO	
DISABLED STUDENTS SERVICES	3000
DRIVER EDUCATION AND ELI.	1000
ENROLLMENT INFORMATION	
EOPS.	
FACILITIES DEPARTMENT	
FINANCIAL AID/SCHOLARSHIPS	3000
GYMNASIUM	
HEALTH SERVICES.	
HORTICULTURE	
HUMAN RESOURCES	
INSTITUTIONAL RESEARCH	
INSTRUCTIONAL SERVICES	
INTERNATIONAL STUDENTS	
LIBRARY & INFORMATION HUB	
LOST & FOUND	1100
MATH LEARNING CENTER	
MUSIC	2300
NURSING/ALLIED HEALTH	
PARKING PERMITS.	
PRESIDENT, OFFICE OF THE	1000
PRINTING SERVICES	3400
PROCTORING CENTER	
PURCHASING.	T600
SCHOOL RELATIONS/DIVERSITY RECRUIT	3400
SERVICE LEARNING.	
SHIPPING/RECEIVING.	
STUDENT ACCOUNTS	
STUDENT ACCOUNTS.	
STUDENT ACTIVITIES	
TECH PREP.	
TESTING OFFICE.	
THEATRE	
LITTLE THEATRE	
TRANSFER CENTER	
TUTORING	
VETERANS EDUCATION OFFICE	3300
VETERANS INFORMATION CENTER	
WELLNESS CENTER	

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 AIR COOLED CHILLER VALVE PIT BOOSTER PUMP WITH VFD BUILDING LEGEND EXISTING BUILDING.

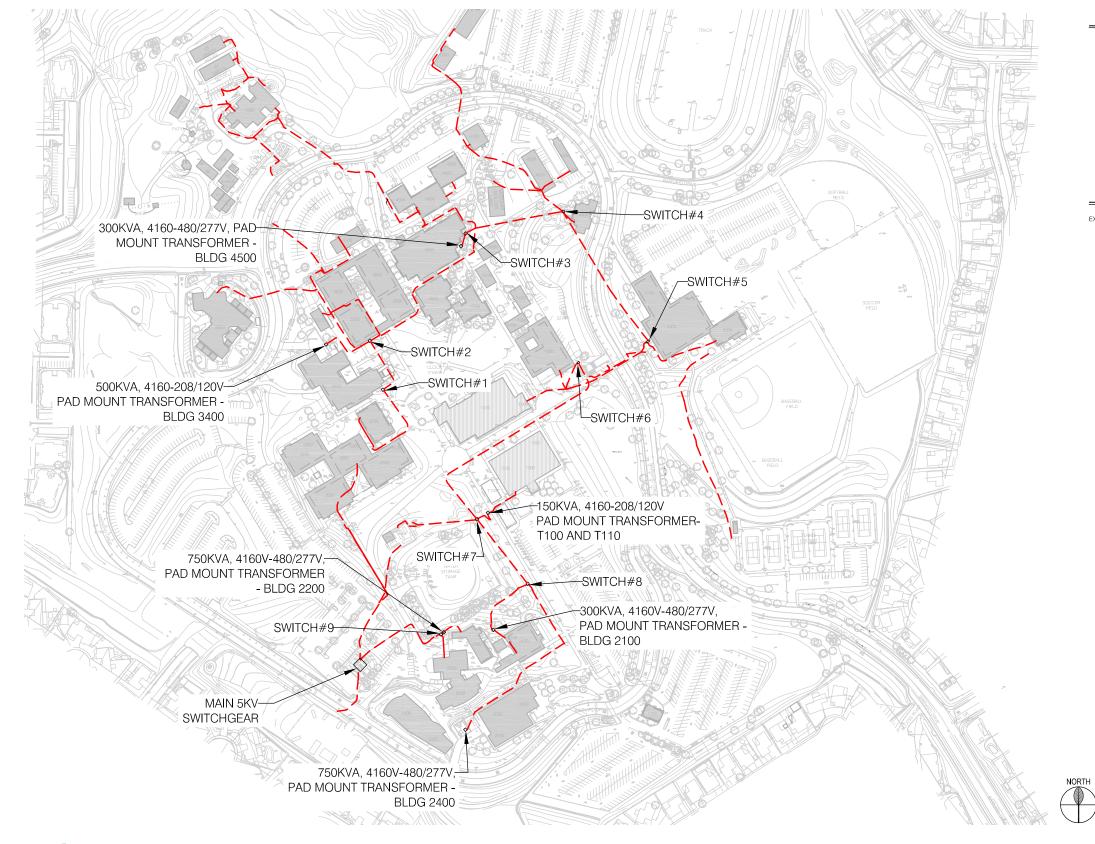
FUTURE PARKING STRUCTURE	
FUTURE BUILDING	
BUILDING BENOVATION/EXPANSION	

FACILITY LEGEND

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ART GALLERY	
ASSOCIATE FACULTY OFFICE	
ASSOCIATED STUDENTS	
ATHLETICS	
AUTOMOTIVE TECHNOLOGY	
BIOTECHNOLOGY	
BOOKSTORE	
BUSINESS DEVELOPMENT	
BUSINESS SERVICES.	
CAFETERIA	
CALWORKS	
CAREER CENTER	
CHILD DEVELOPMENT CENTER	
COLLEGE POLICE.	
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COUNSELING	
DANCE STUDIO.	5100
DISABLED STUDENTS SERVICES.	
DRIVER EDUCATION AND ELL	
ENROLLMENT INFORMATION	
EOPS.	
FACILITIES DEPARTMENT	4200
FINANCIAL AID/SCHOLARSHIPS	
GYMNASIUM.	
HEALTH SERVICES	
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HUMAN RESOURCES	
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INSTRUCTIONAL SERVICES	
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LIBRARY & INFORMATION HUB	
LOST & FOUND	
MATH LEARNING CENTER.	
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PARKING PERMITS.	
PRESIDENT, OFFICE OF THE	
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PROCTORING CENTER	
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SCHOOL RELATIONS/DIVERSITY RECRUIT	
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THEATRE.	
LITTLE THEATRE	
TRANSFER CENTER	
TUTORING	
VETERANS EDUCATION OFFICE	
VETERANS INFORMATION CENTER	
WELLNESS CENTER	
WRITING CENTER	

Oceanside Campus Electrical

Electrical Existing Electrical Plan





LEGEND

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EXISTING ELECTRICAL MANHOLE TRANSFER SWITCH PULLBOX TRANSFORMER SELECTOR SWITCH VAULT

BUILDING LEGEND

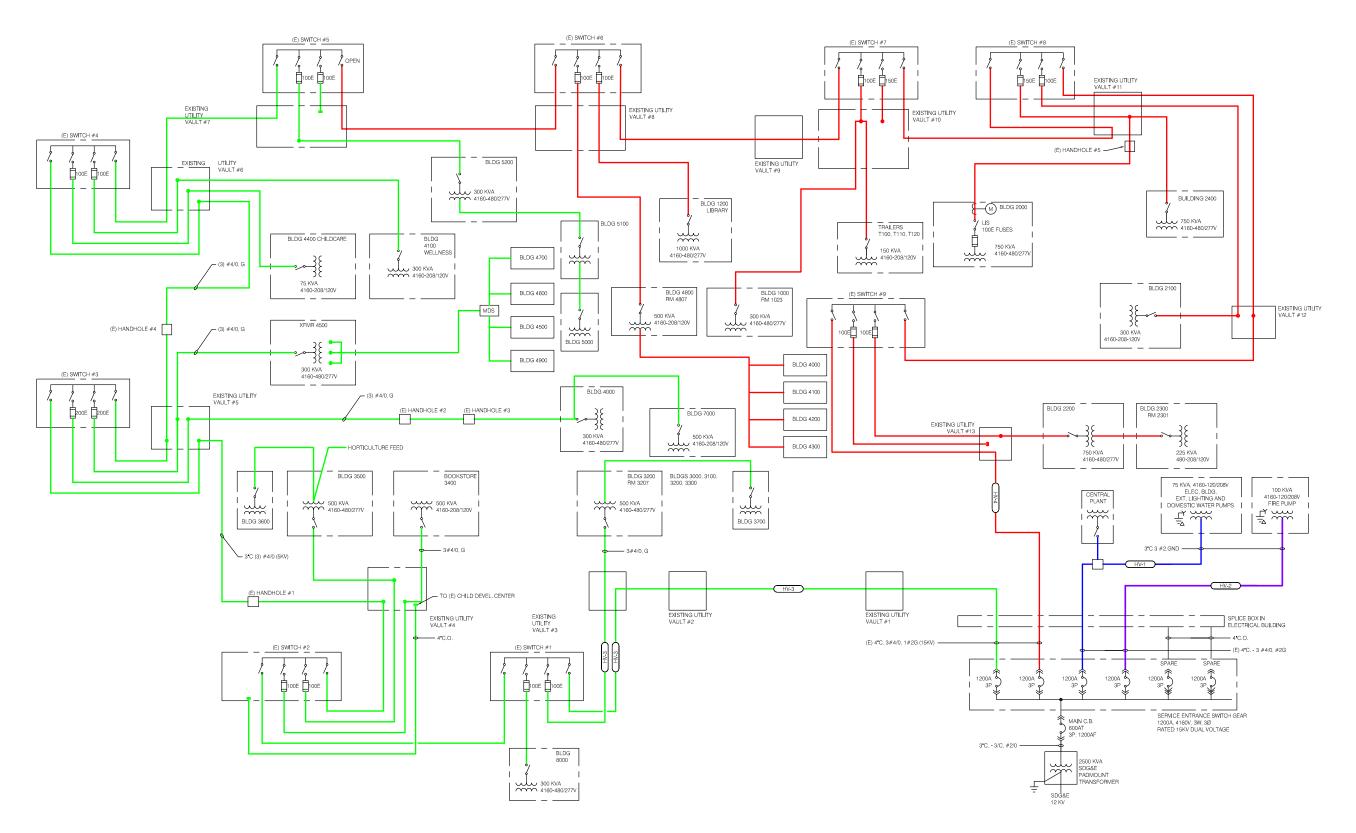
EXISTING BUILDING.....

FACILITY LEGEND

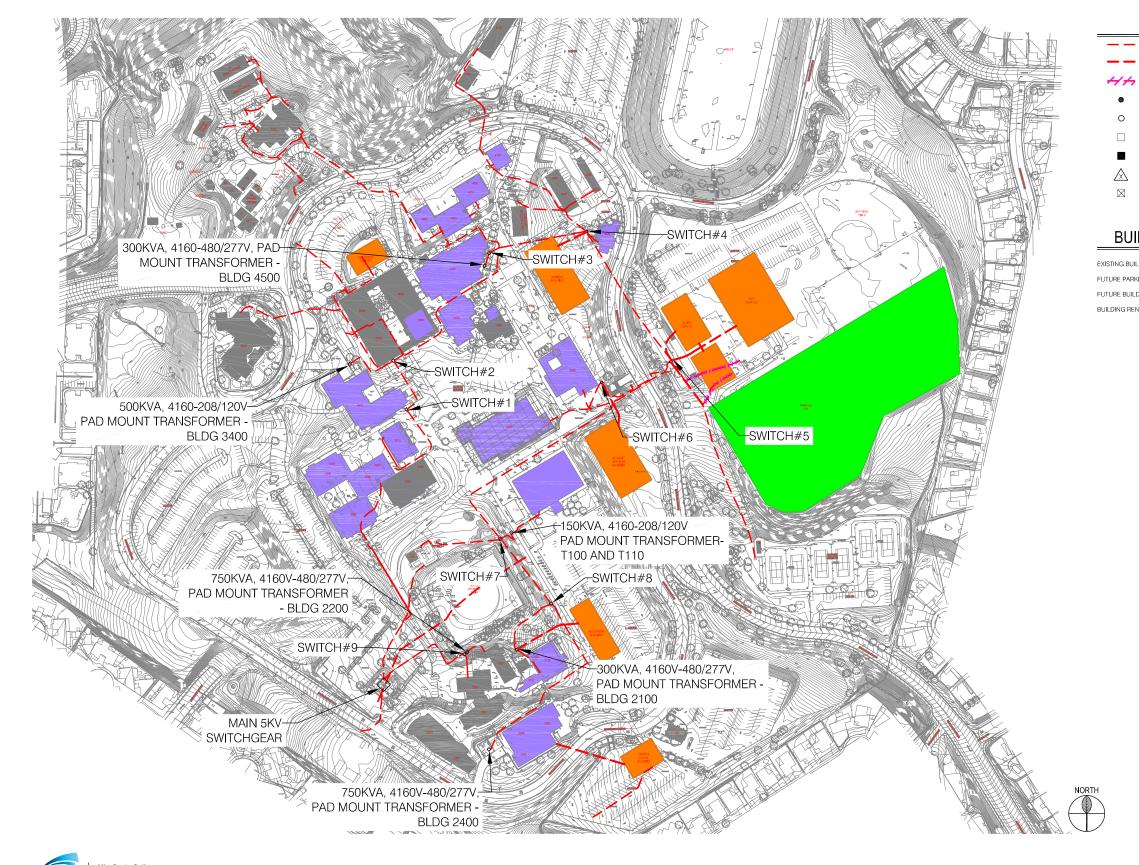
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ART	,2300
ART GALLERY	3400
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ASSOCIATED STUDENTS.	3400
ATHLETICS	5200
AUTOMOTIVE TECHNOLOGY	4000
BIOTECHNOLOGY	4050
BOOKSTORE	
BUSINESS DEVELOPMENT	1000
BUSINESS SERVICES	
CAFETERIA.	1000
CALWORKS	
CAREER CENTER	4700
CHILD DEVELOPMENT CENTER	8000
COLLEGE POLICE	1100
COMPUTER/BUSINESS DEPARTMENT	4800
CONCERT HALL	2400
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HUMAN RESOURCES	1000
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NURSING/ALLIED HEALTH	4400
PARKING PERMITS	1100
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PRINTING SERVICES	3400
PROCTORING CENTER	3300
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TUTORING	
VETERANS EDUCATION OFFICE	3300
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ARITING CENTER	1200

Electrical

Existing Electrical Single Line Diagram



Electrical Proposed Electrical Plan





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LEGEND

FACILITY LEGEND

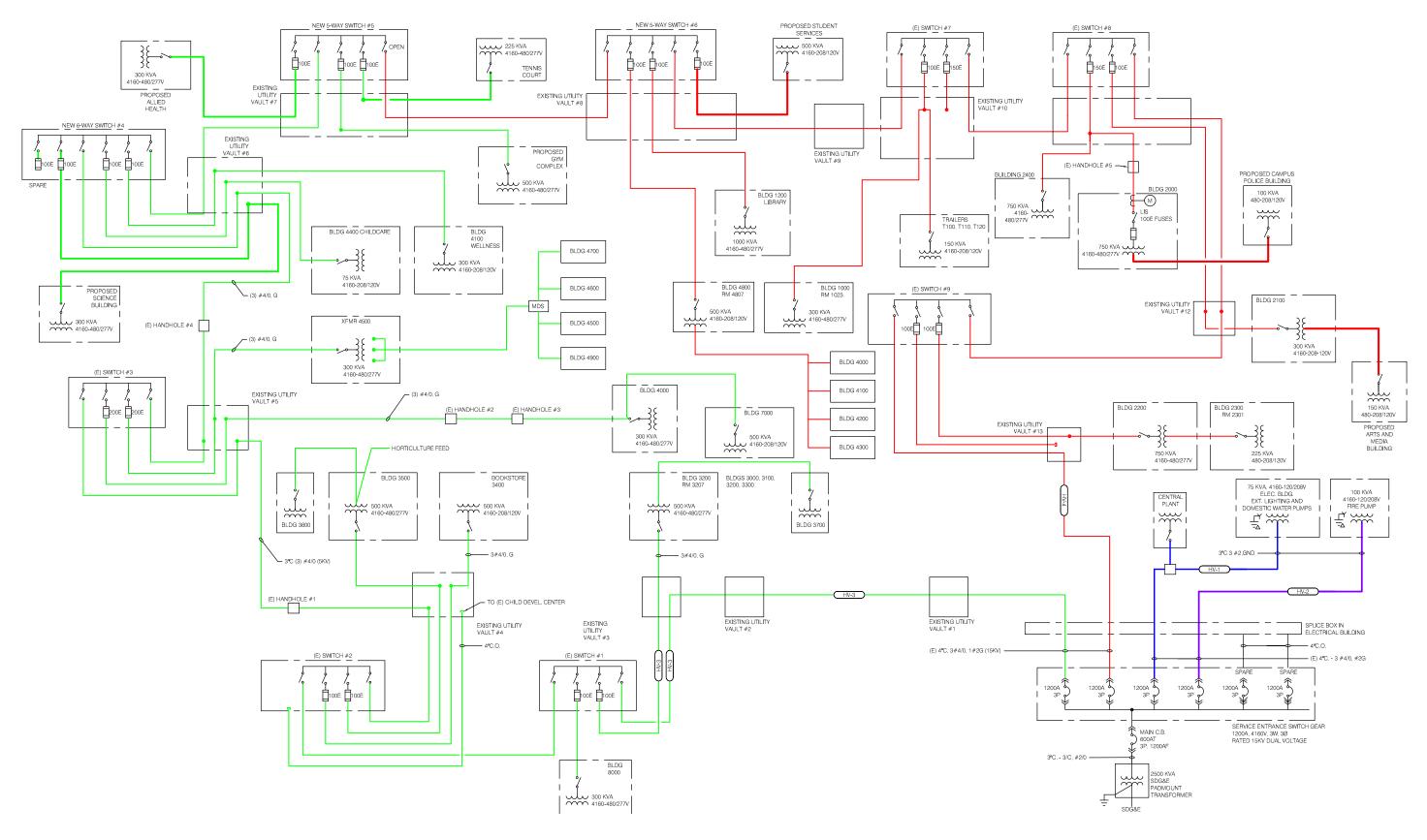
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ELECTRICAL TO BE DEMOLISHED	ASSOCIATI ATHLETICS
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TRANSFORMER	CHILD DEV COLLEGE
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ADMISSIONS & RECORDS	. 3300
ART	
ASSOCIATE FACULTY OFFICE	
ASSOCIATED STUDENTS	
ATHLETICS	5200
AUTOMOTIVE TECHNOLOGY	.4000
BIOTECHNOLOGY	.4050
BOOKSTORE	. 3400
BUSINESS DEVELOPMENT	.1000
BUSINESS SERVICES	
CAFETERIA	. 3400
CALWORKS	
CAREER CENTER	
CHILD DEVELOPMENT CENTER	
COLLEGE POLICE	.1100
COMPUTER/BUSINESS DEPARTMENT	
CONCERT HALL	. 2400
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DANCE STUDIO	
DISABLED STUDENTS SERVICES	
DRIVER EDUCATION AND ELI	. 1000
ENROLLMENT INFORMATION	
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FACILITIES DEPARTMENT	4200
FINANCIAL AID/SCHOLARSHIPS	.3000
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HEALTH SERVICES	
HORTICULTURE	
HUMAN RESOURCES	
INSTRUCTIONAL SERVICES	1000
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LIBRARY & INFORMATION HUB.	. 1200
MATH LEARNING CENTER	1000
MATH LEARNING CENTER. 2200	
NURSING/ALLIED HEALTH T420	
PARKING PERMITS	
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PRINTING SERVICES	
PROCTORING CENTER	
PURCHASING	
SCHOOL RELATIONS/DIVERSITY RECRUIT	
SERVICE LEARNING.	
SHIPPING/RECEIVING.	
STUDENT ACCOUNTS.	
STUDENT ACTIVITIES	
STUDENT CENTER	
TECH PREP	.3700
TESTING OFFICE	.3300
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TRANSFER CENTER	
TUTORING.	
VETERANS EDUCATION OFFICE	. 3300
VETERANS INFORMATION CENTER	
WELLNESS CENTER.	. 4100
WRITING CENTER	. 1200

Electrical

Proposed Electrical Single Line Diagram



 MiraCosta College
 STEINBERG

 Facilities Master Plan Update | Volume IV
 STEINBERG

Oceanside Campus Natural Gas

Natural Gas Existing Natural Gas Plan





ADMISSIONS & RECORDS.	3300
ART	
ART GALLERY.	3400
ASSOCIATE FACULTY OFFICE	
ASSOCIATED STUDENTS	3400
ATHLETICS	
AUTOMOTIVE TECHNOLOGY	
BIOTECHNOLOGY	
BOOKSTORE	
BUSINESS DEVELOPMENT.	
BUSINESS SERVICES	1000
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CALWORKS	
CAREER CENTER	
CHILD DEVELOPMENT CENTER	8000
COLLEGE POLICE	
COMPUTER/BUSINESS DEPARTMENT	4800
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HEALTH SERVICES	
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INSTRUCTIONAL RESEARCH	
INSTRUCTIONAL SERVICES.	
LIBRARY & INFORMATION HUB	
LOST & FOUND	
MATH LEARNING CENTER	
MUSIC NURSING/ALLIED HEALTH	
PARKING PERMITS	
PRESIDENT, OFFICE OF THE PRINTING SERVICES	
PROCTORING CENTER	
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TRANSFER CENTER	
TUTORING.	
VETERANS EDUCATION OFFICE	
VETERANS INFORMATION CENTER	
WELLNESS CENTER	
WRITING CENTER	

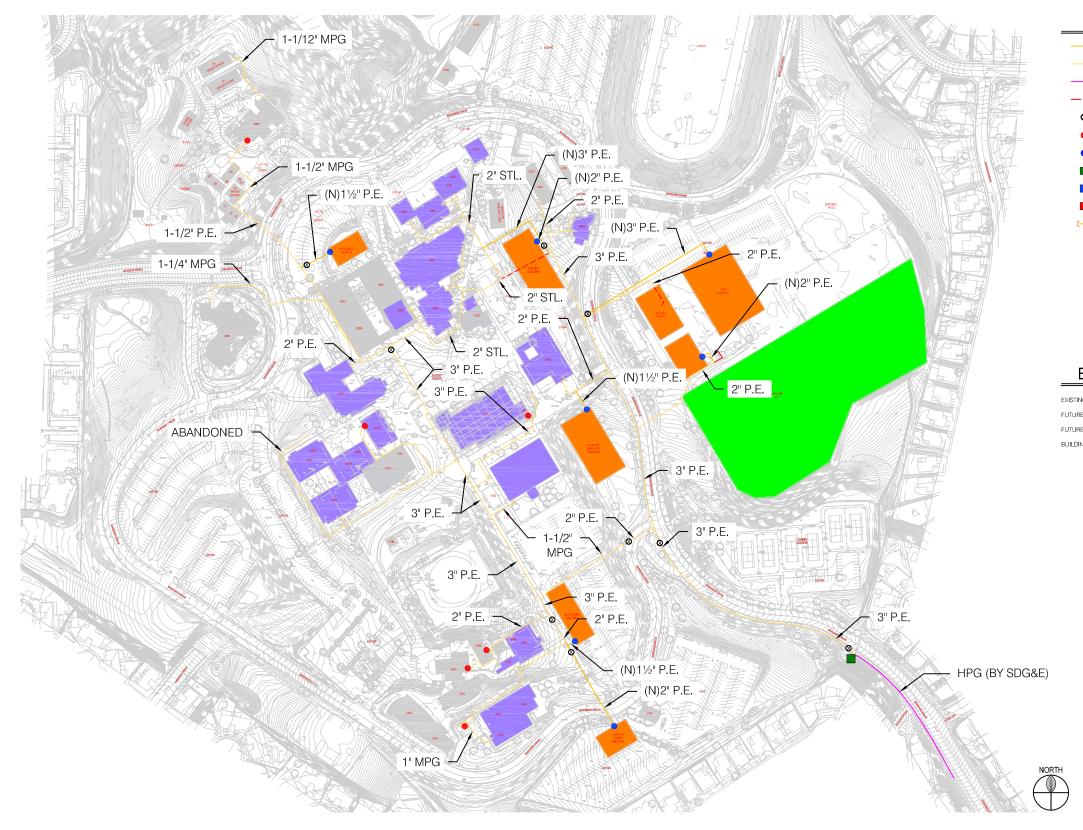
CAMPUS GAS LINE UTILITY GAS LINE

EXISTING UTILITY TUNNEL ISOLATION VALVE

EARTHQUAKE VALVE UTILITY METER CAMPUS METER

VALVE PIT CAPPED LINE

Natural Gas Proposed Natural Gas Plan



LEGEND

BUILDING LEGEND



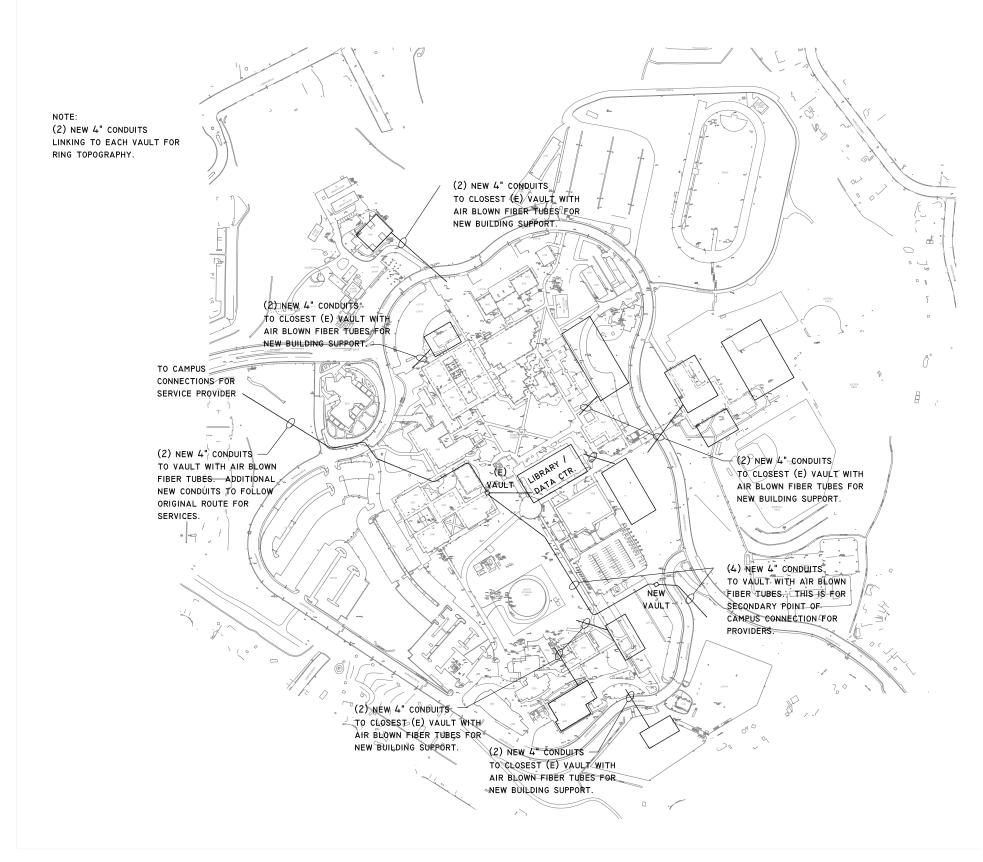
FACILITY LEGEND

ADMISSIONS & RECORDS		
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ART GALLERY	3400	1
ASSOCIATE FACULTY OFFICE	4606	i.
ASSOCIATED STUDENTS		
ATHLETICS		
AUTOMOTIVE TECHNOLOGY		
BIOTECHNOLOGY		
BOOKSTORE		
BUSINESS DEVELOPMENT		
BUSINESS SERVICES		
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CALWORKS.	3000)
CAREER CENTER		
CHILD DEVELOPMENT CENTER	8000	<u>،</u>
COLLEGE POLICE		
COMPUTER/BUSINESS DEPARTMENT	4000	
CONCERT HALL		
COUNSELING		
DANCE STUDIO		
DISABLED STUDENTS SERVICES		
DRIVER EDUCATION AND ELI.		
ENROLLMENT INFORMATION	3300	
EOPS		
FACILITIES DEPARTMENT		
FINANCIAL AID/SCHOLARSHIPS		
GYMNASIUM		
HEALTH SERVICES.		
HORTICULTURE		
HUMAN RESOURCES		
INSTITUTIONAL RESEARCH		
INSTRUCTIONAL SERVICES		
INTERNATIONAL STUDENTS	3400	1
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LOST & FOUND	1100)
MATH LEARNING CENTER	1200)
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NURSING/ALLIED HEALTH	4400	į.
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PRINTING SERVICES		
PROCTORING CENTER		
PURCHASING.	T600	1
SCHOOL RELATIONS/DIVERSITY RECRUIT		
SERVICE LEARNING	3300	1
SHIPPING/RECEIVING.		
STUDENT ACCOUNTS		
STUDENT ACTIVITIES		
STUDENT ACTIVITES		
TECH PREP		
TESTING OFFICE.		
THEATRE		
LITTLE THEATRE		
TRANSFER CENTER.		
TUTORING	1200	1
VETERANS EDUCATION OFFICE	3300	
VETERANS INFORMATION CENTER	T100	
WELLNESS CENTER	4100	,
WRITING CENTER		

Oceanside Campus Technology

Technology

Proposed Technology Plan

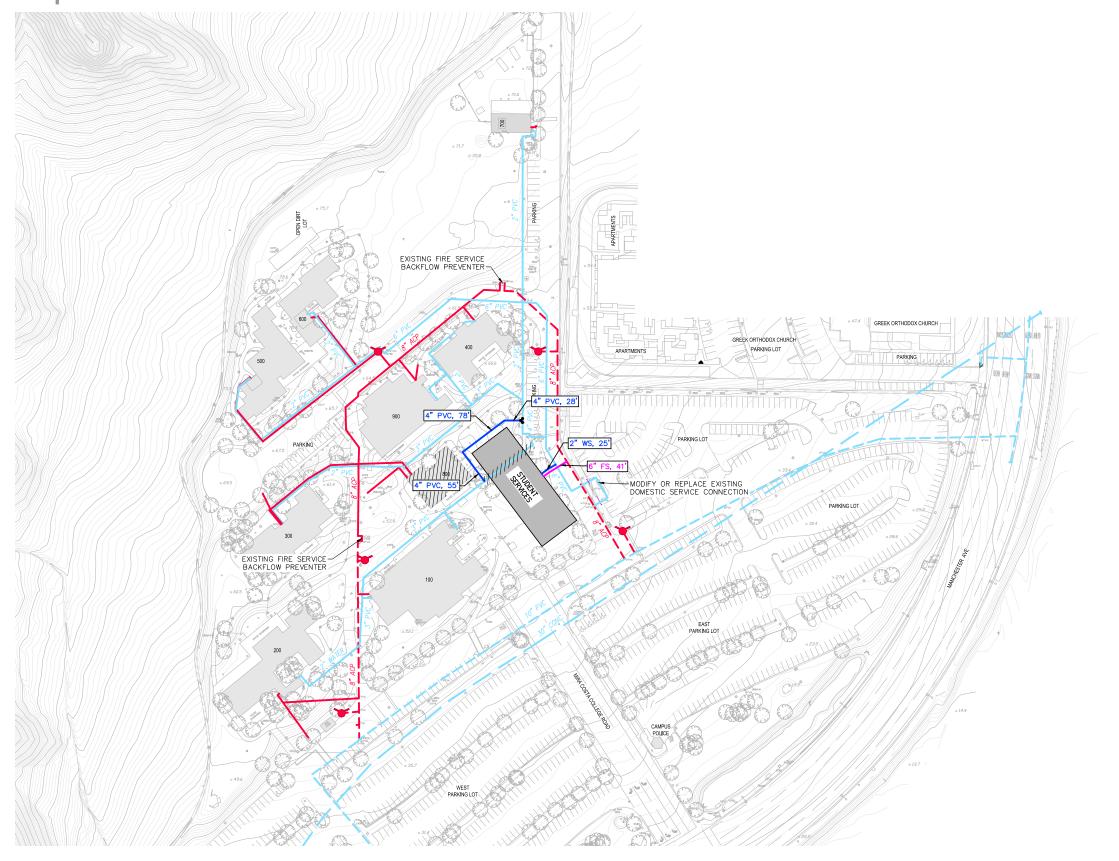


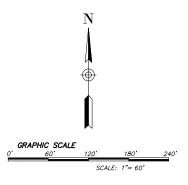
14.0 San Elijo Campus

4.0

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
444444	EXISTING WATER TO BE REMOVED OR ABANDONED IN PLACE
*	EXISTING FIRE HYDRANT
WS	PROPOSED WATER SERVCE 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.
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- PROPOSED VALVES FOR HYDRANT, WATER SERVICE, AND FIRE SERVICE ASSEMBLIES ARE NOT SHOWN.

FIGURE 4 PRELIMINARY NOT FOR CONSTRUCTION

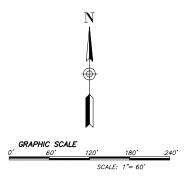
Sewer Existing Plan



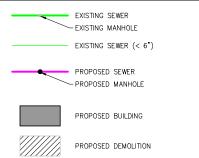


Sewer Proposed Plan





LEGEND:

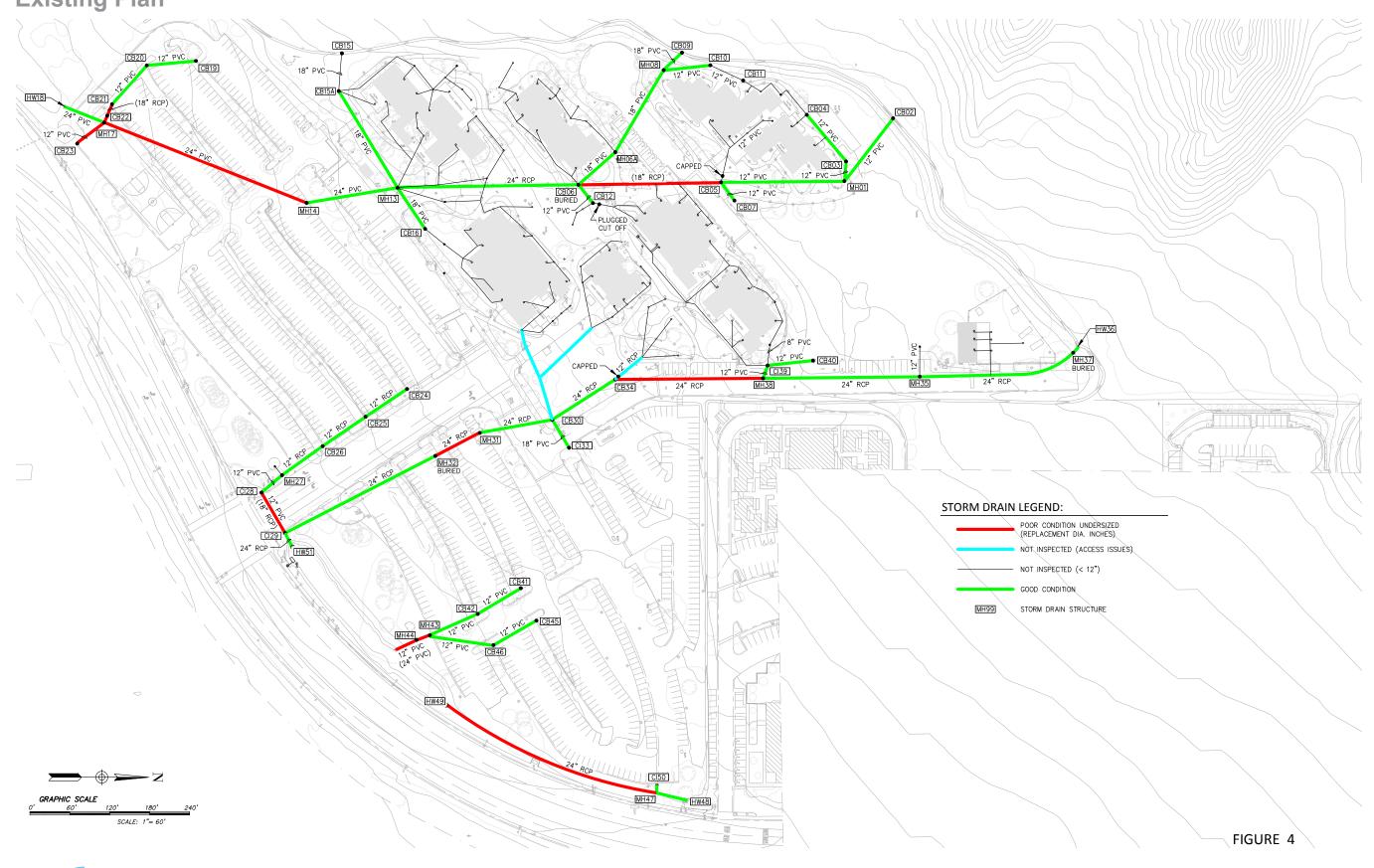


NOTES:

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



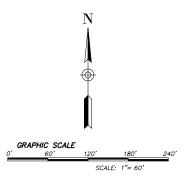
Storm Drain Existing Plan





Storm Drain Proposed Plan





LEGEND:

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

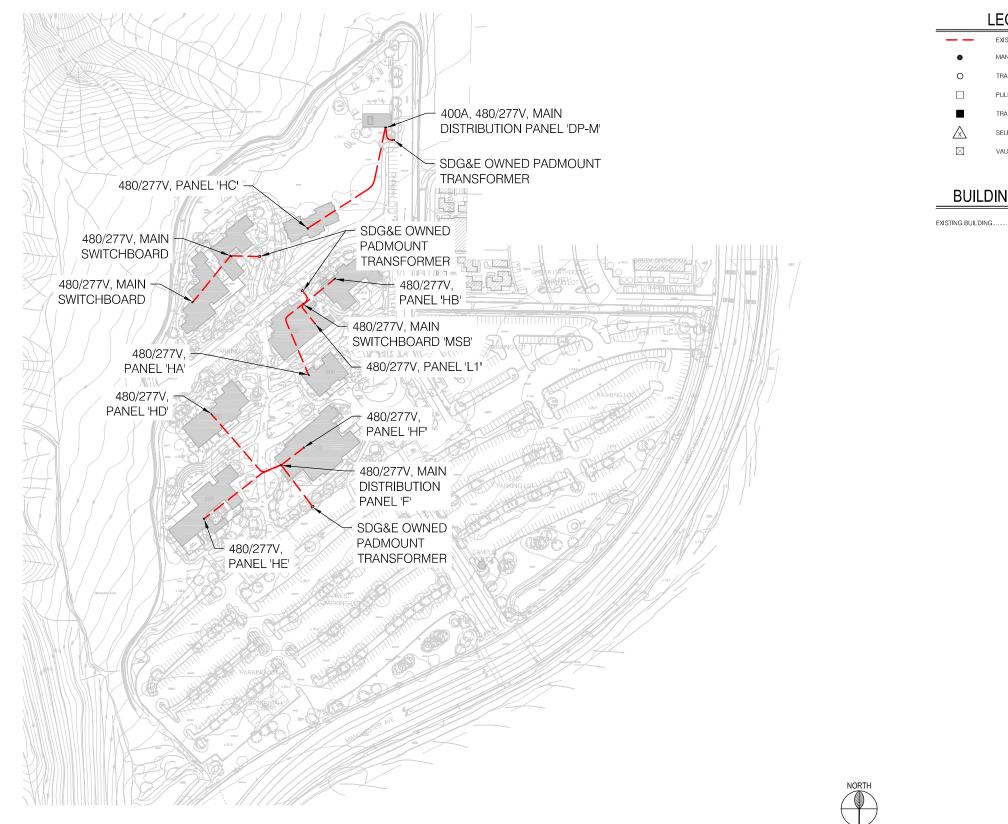
NOTE:

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





Electrical Existing Electrical Plan





LEGEND

STING ELECTRICAL
NHOLE
ANSFER SWITCH
LLBOX
ANSFORMER
LECTOR SWITCH
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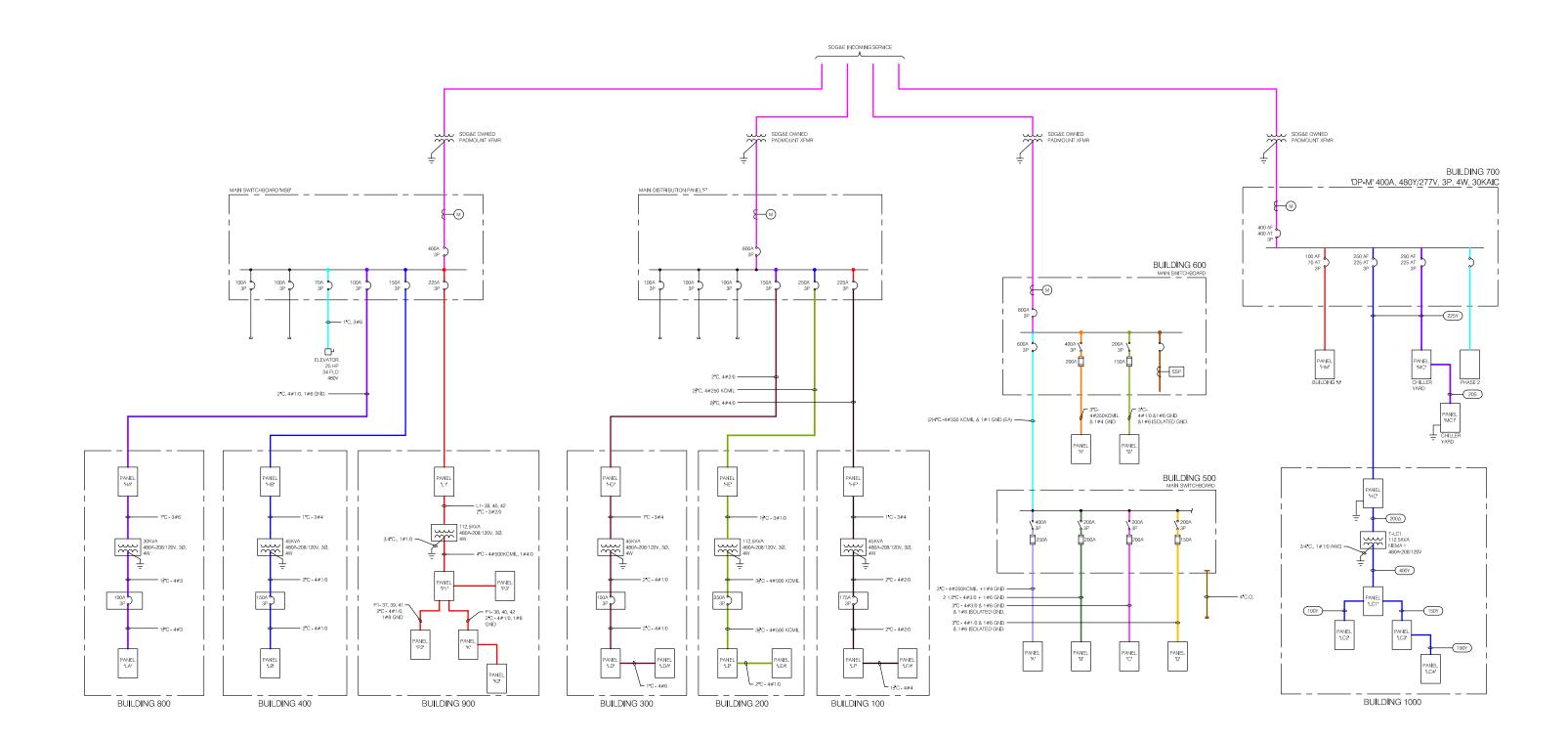
BUILDING LEGEND

FACILITY LEGEND

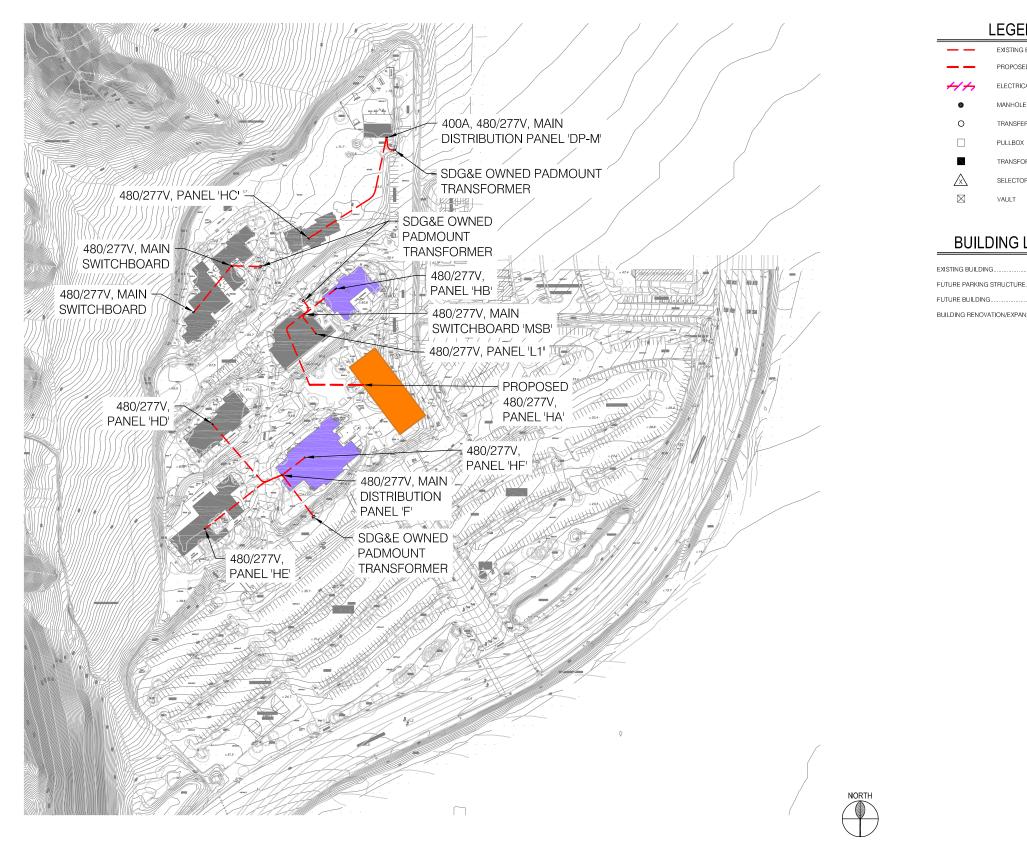
BUILDING
COMPUTER LABS
LIBRARY
MATH LEARNING CENTER
TESTING
TUTORING
WRITING CENTER
BUILDING
AMPHITHEATER
ART STUDIOS
CLASSROOMS
MULTIPURPOSE ROOM
BUILDING
CLASSROOMS
FACULTY OFFICES
MEETING ROOM
BUILDING. 400
CLASSROOMS
FACULTY OFFICES
SCIENCE LABS
BUILDING
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LANGUAGE LAB
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CLASSROOMS FACULTY OFFICES BUILDING

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

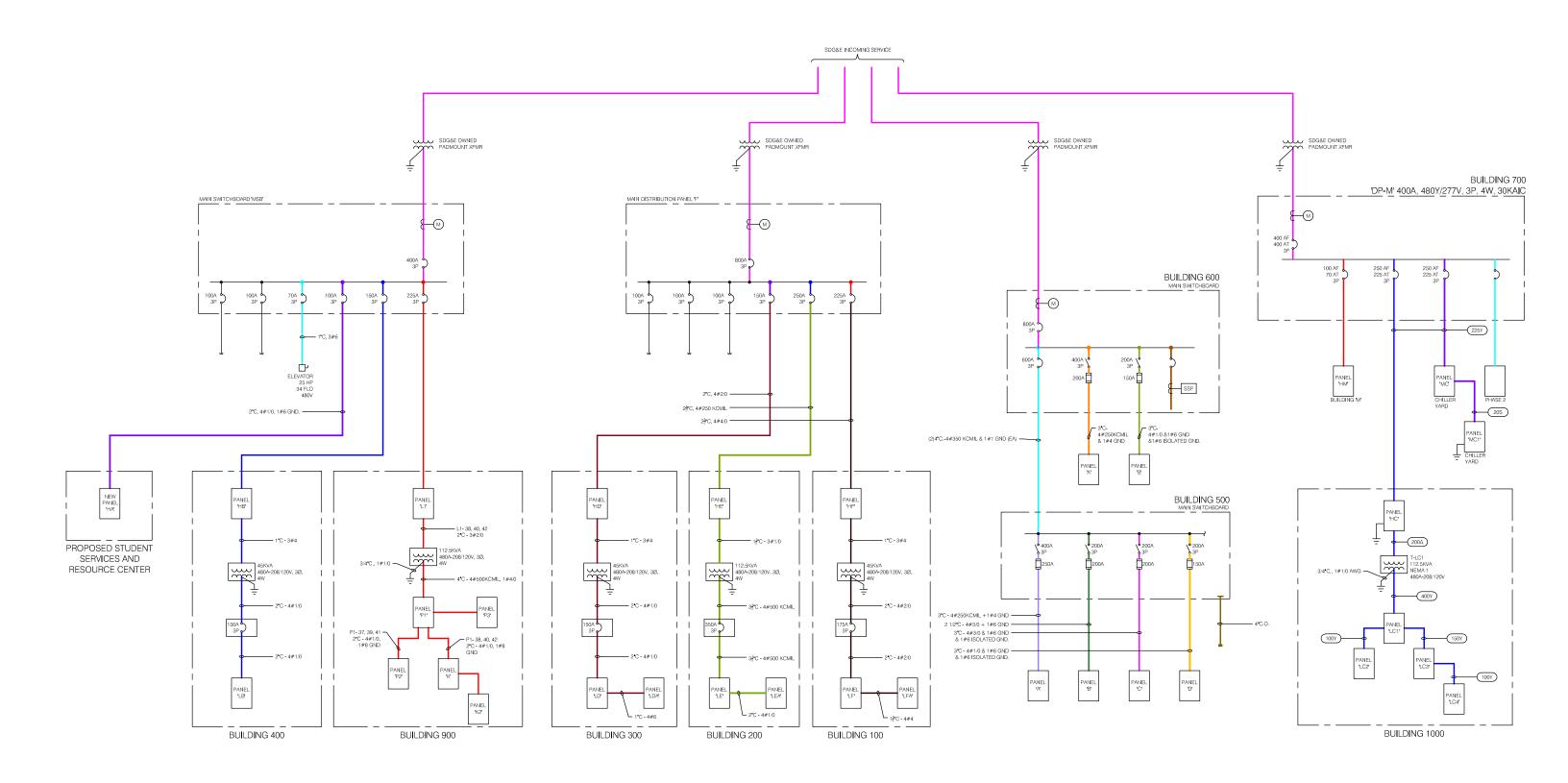
BUILDING LEGEND



FACILITY LEGEND	
BUILDING	100
COMPUTER LABS	
LIBRARY	
MATH LEARNING CENTER	
TESTING	
TUTORING	
WRITING CENTER BUILDING	200
AMPHITHEATER	200
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	
LANGUAGE LAB BUILDING	600
CLASSBOOMS	600
FACULTY OFFICES	
BUILDING	700
FACILITIES	700
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	1000

Electrical

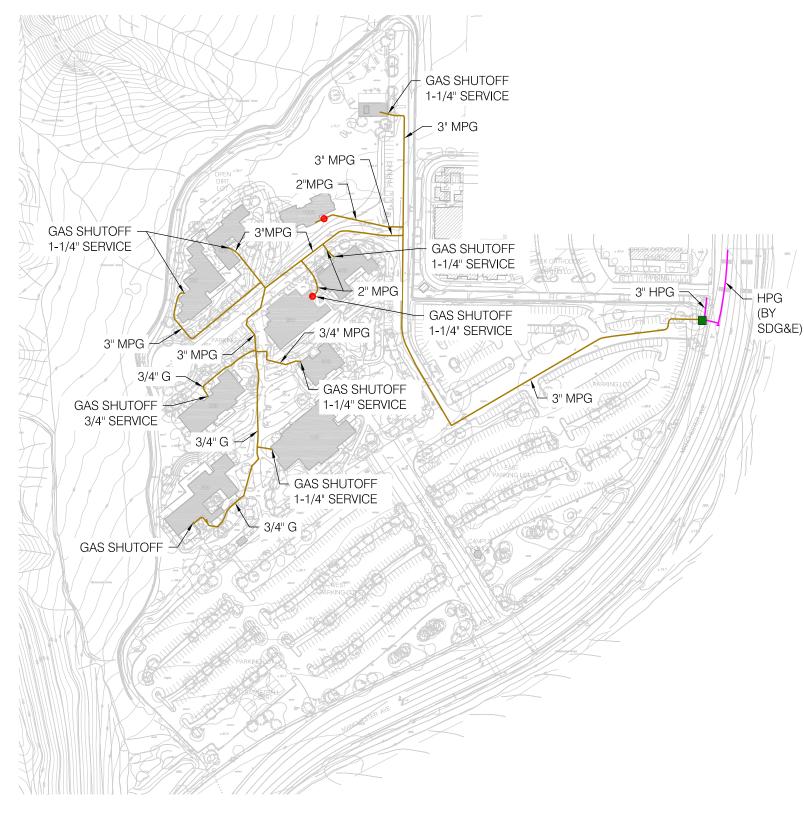
Proposed Electrical Single Line Diagram



STEI BERG

San Elijo Campus Natural Gas

Natural Gas Existing Natural Gas Plan



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

BUILDING LEGEND

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

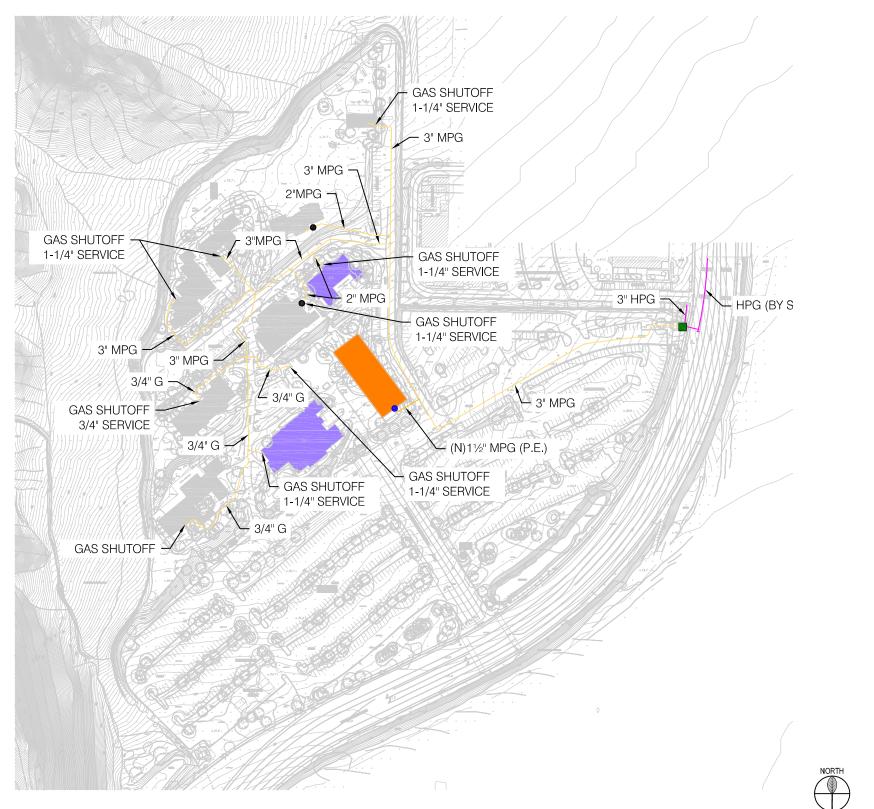
NORTH



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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

F----

EXISTING BUILDING
FUTURE PARKING STRUCTURE
FUTURE BUILDING
BUILDING RENOVATION/EXPANSION

FACILITY LEGEND

COMPUTER LABS
LIBRARY
MATH LEARNING CENTER
TESTING
TUTORING
WRITING CENTER
BUILDING
AMPHITHEATER
ART STUDIOS
CLASSROOMS
MULTIPURPOSE ROOM
BUILDING
CLASSROOMS
FACULTY OFFICES
MEETING ROOM
BUILDING
CLASSROOMS
FACULTY OFFICES
SCIENCE LABS
BUILDING
CLASSROOMS
FACULTY OFFICES
LANGUAGE LAB
BUILDING
CLASSROOMS
FACULTY OFFICES
BUILDING
FACILITIES
BUILDING 800
ADMINISTRATION
ADMISSIONS & RECORDS
ADMISSIONS & RECORDS COUNSELING
ADMISSIONS & RECORDS COUNSELING DEAN, SAN ELIJO CAMPUS
ADMISSIONS & RECORDS COUNSELING DEAN, SAN ELIJO CAMPUS FACULTY WORKROOM
ADMISSIONS & RECORDS COUNSELING DEAN, SAN ELIJO CAMPUS FACULTY WORKROOM INSTRUCTIONAL SEPARCES
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ADMISSIONS & RECORDS COUNSELING DEAN, SAN ELIJO CAMPUS FACULTY WORKROOM INSTRUCTIONAL SEPARCES
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ADMISSIONS & RECORDS COUNSELING DEAN, SAN ELIJO CAMPUS FACULTY WORKROOM INSTRUCTIONAL SERVICES STUDENT ACCOUNTSICASHER STUDENT INFORMATION BUILIDNG
ADMISSIONS & RECORDS COUNSELING DEAN SAN ELILO CAMPUS FACULTY WORKROOM INSTRUCTIONAL SERVICES STUDENT ACCOUNTS/CASHER STUDENT ACCOUNTS/CASHER STUDENT ACCOUNTS/CASHER STUDENT ACCOUNTS/CASHER STUDENT ACCOUNTS/CASHER STUDENT ACCOUNTS/CASHER ASSOCIATE DEAN OF STUDENT SERVICES BOOKSTORE CAFETERIA HEALTH SERVICES METTING ROOMS STUDENT ACTIVITIES BUILDING. 1000
ADMISSIONS & RECORDS COUNSELING DEAN, SAN ELIJO CAMPUS FACULTY WORKROOM INSTRUCTIONAL SERVICES STUDENT ACCOUNTSICASHER STUDENT INFORMATION BUILIDNG

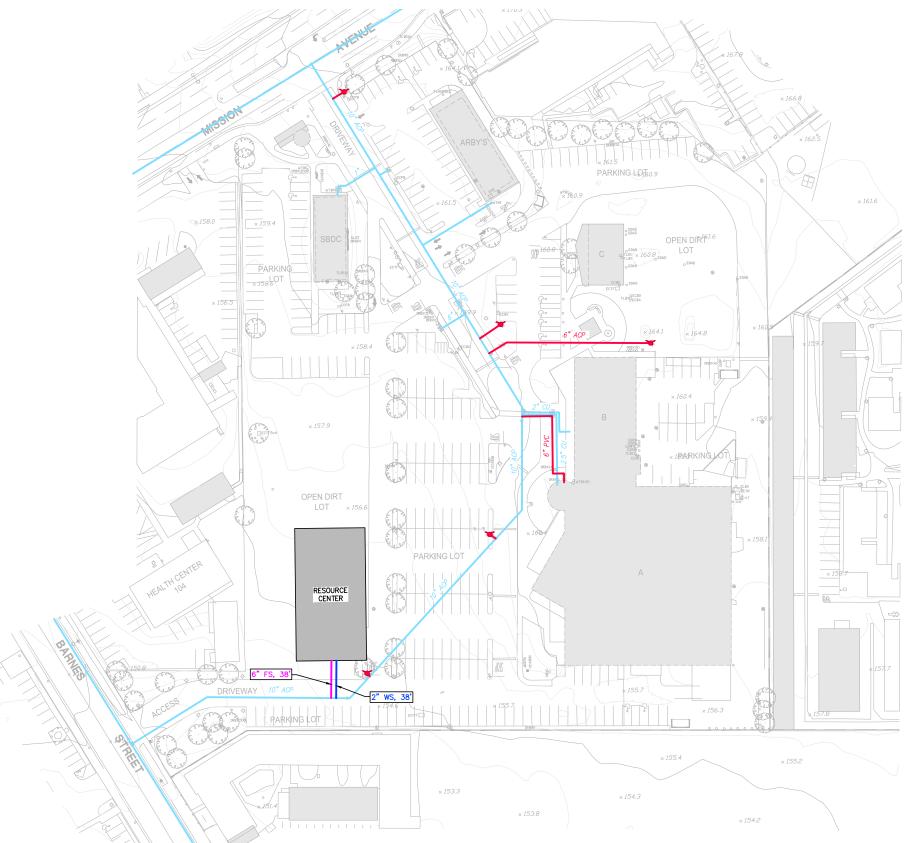
15.0 CLC Campus

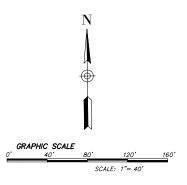




Domestic Water

Proposed Plan





LEGEND:

	EXISTING WATER
	EXISTING FIRE SERVICE WATER
	PROPOSED DOMESTIC WATER
	PROPOSED FIRE SERVICE WATER
*	EXISTING FIRE HYDRANT
WS	PROPOSED WATER SERVCE 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.

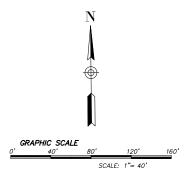


Sewer Proposed Plan

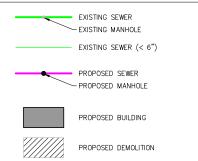




MiraCosta College Facilities Master Plan Update | Volume IV



LEGEND:



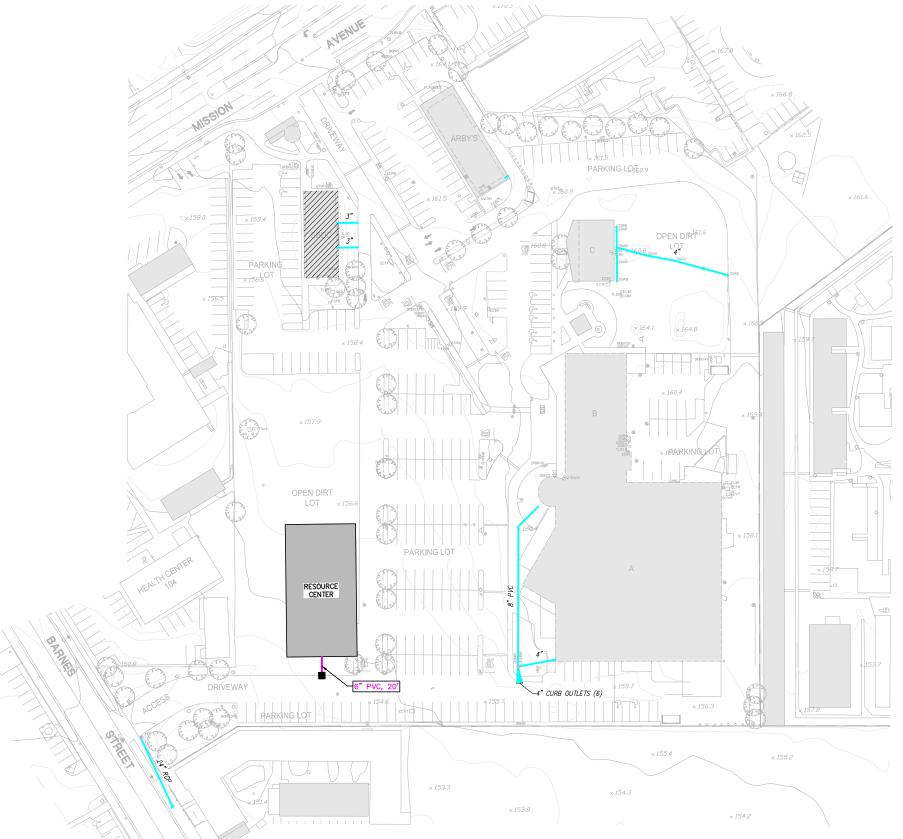
NOTES:

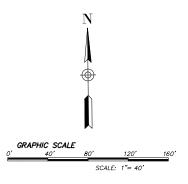
1. PROPOSED PIPELINE SIZES LISTED ARE PRELIMINARY. ADDITIONAL HYDRAULIC ANALYSIS SHOULD BE PERFORMED TO DETERMINE PIPELINE SIZES.

> FIGURE 8 PRELIMINARY NOT FOR CONSTRUCTION

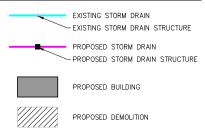
Storm Drains

Proposed Plan





LEGEND:



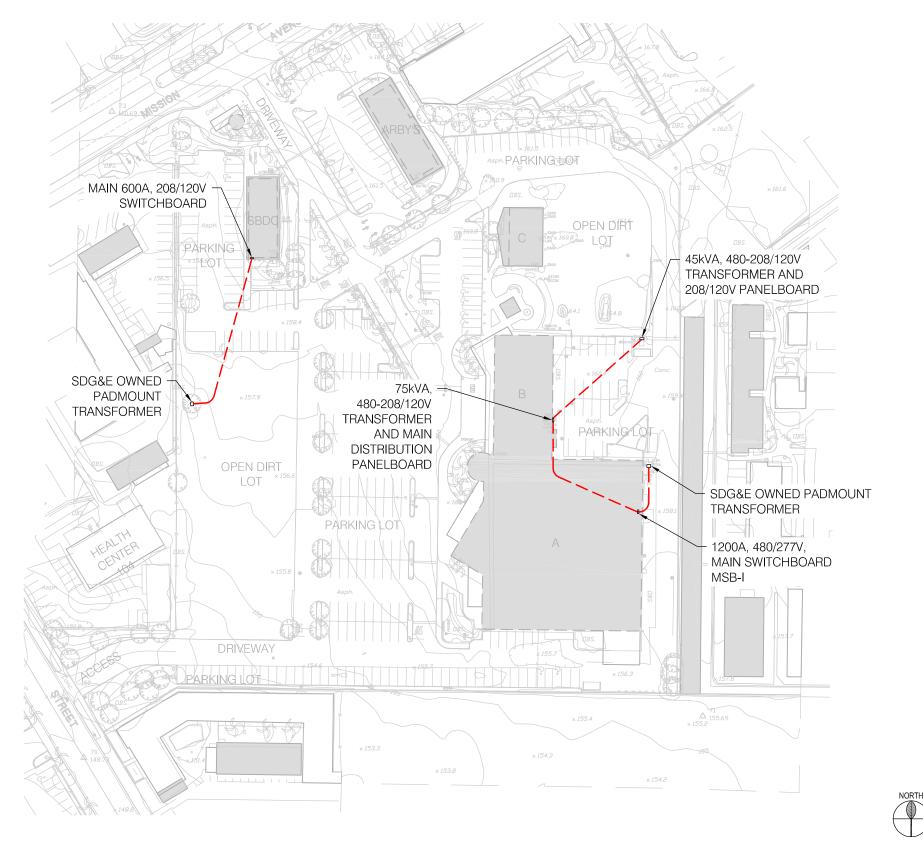
NOTE:

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





Electrical Existing Electrical Plan





LEGEND

EXISTING ELECTRICAL MANHOLE TRANSFER SWITCH PULLBOX TRANSFORMER SELECTOR SWITCH VAULT

FACILITY LEGEND

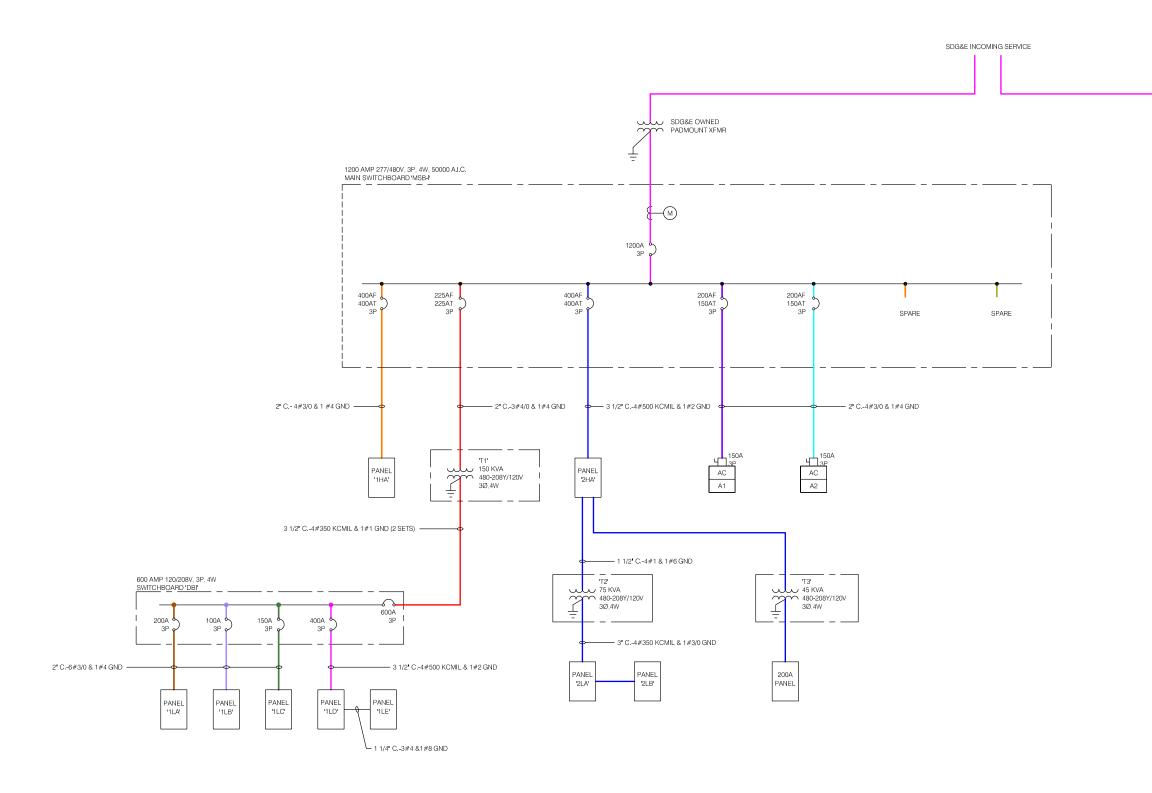
BUILDING W BUILDING 'B' BUILDING 'C' SMALL BUSINESS DEVELOPMENT

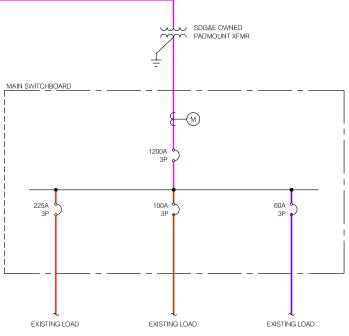
BUILDING LEGEND

EXISTING BUILDING.....

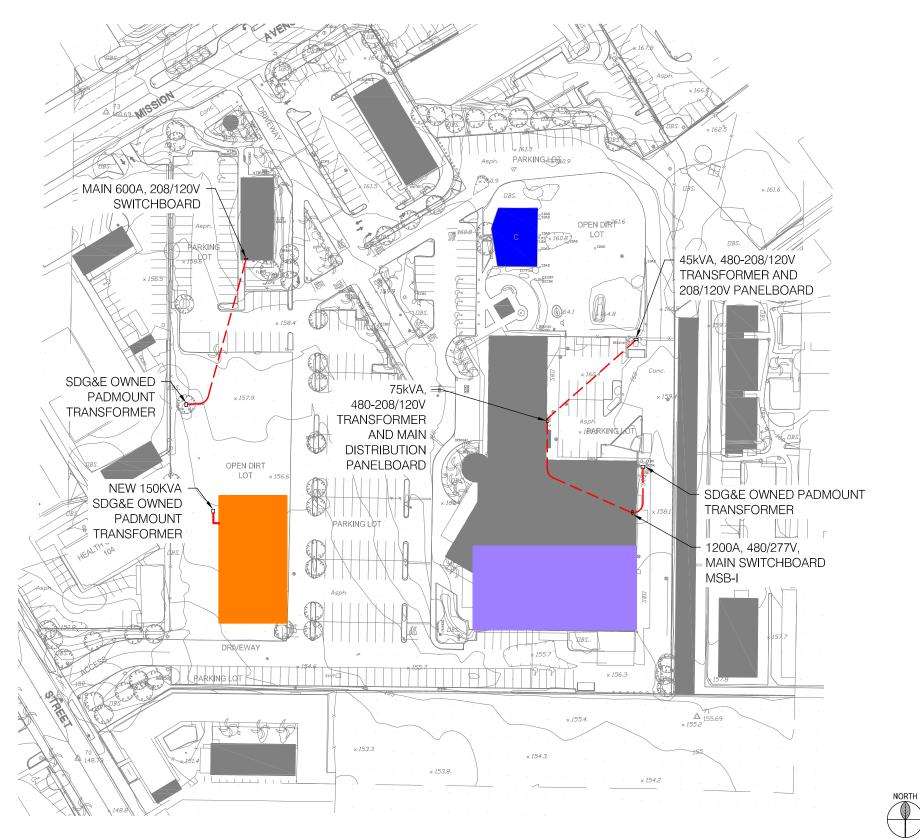
Electrical

Existing Electrical Single Line Diagram





Electrical Proposed Electrical Plan





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



LEGEND

FACILITY LEGEND

EXISTING ELECTRICAL

PROPOSED ELECTRICAL

ELECTRICAL TO BE DEMOLISHED

MANHOLE

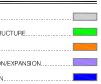
TRANSFER SWITCH

PULLBOX

TRANSFORMER

SELECTOR SWITCH

BUILDING LEGEND



Building 'A' Building 'B' Building 'C' Small Business Development

Electrical Proposed Electrical Single Line Diagram

