



SALAS O'BRIEN

[expect a difference]

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San Jose, California 95112-2218

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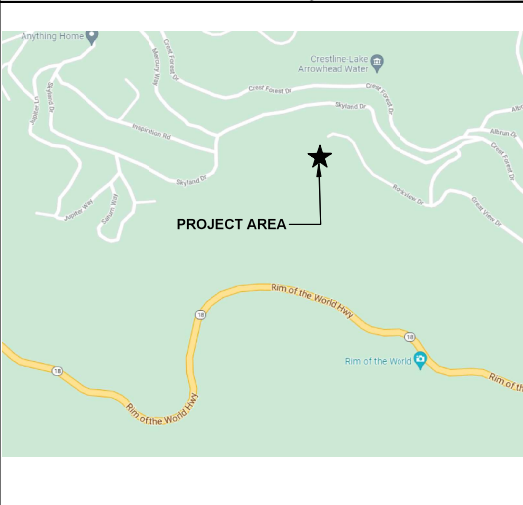
National Strength.
Local Action.

800MHz UPGRADE SKYLAND PEAK TOWER

County Project # 10.10.1237



VICINITY MAP



SUMMARY OF WORK

PROJECT WILL BE CONSTRUCTED IN FIVE PHASES. CONTRACTOR SHALL RECEIVE APPROVAL NOTE TO PROCEED BEFORE EACH PHASE STARTS. METHOD OF PROCEDURE (MOP) SHALL BE PROVIDED AND APPROVED BY COUNTY PRIOR TO ANY POWER SHUTDOWN, SERVICE INTERRUPTION, SEE BELOW FOR BASIS OF DESIGN OF CONSTRUCTION SEQUENCE.

<THIS CONSTRUCTION SEQUENCE CAN BE MODIFIED BY CONTRACTOR TO MEET EQUIPMENT/MATERIAL LEAD TIME/CONSTRUCTION SCHEDULE. MODIFICATION SHALL BE REVIEWED AND APPROVED BY COUNTY AND RESPECTIVE EDR.>

- ALL INSTALLATION SHALL BE TESTED, INSPECTED AND APPROVED BEFORE PROCEEDING TO NEXT PHASE.

PHASE 0

- INSTALL TEMPORARY FENCE AND GATES BEFORE EXISTING FENCING REMOVAL.
- REMOVE EXISTING FENCE.
- INSTALL PORTABLE GENERATOR ON TRAILER AND CONNECT TO EXISTING ATS.

PHASE 1

- REMOVE PERMANENT GENERATOR. CUT ALL CONDUITS FLUSH TO GROUND.
- REMOVE PROPANE TANKS AND ASSOCIATED GAS LINES. DISPOSE ALL EQUIPMENT/DEVICES PER CITY CODE REQUIREMENT.
- REMOVE EXISTING GROUND WELLS IN AREA OF WORK OF ROOM#3 ANTENNA TOWER.
- INSTALL ROOM#3 ANTENNA TOWER WITH ASSOCIATED FOUNDATION AND EQUIPMENT. FOUNDATION CONCRETE TESTING REPORT SHALL BE PROVIDED.

PHASE 2

- INSTALL TEMPORARY PORTABLE BUILDING (CONTRACTOR IS RESPONSIBLE TO RELOCATE TRAILER FROM RIALTO SITE. COORDINATE WITH COUNTY FOR EXACT LOCATION).
- INSTALL SIZ TEMPORARY SERVICE FOR TEMP PORTABLE BUILDING.
- INSTALL STRUCTURAL ANCHORAGE (TRAILER HAS (2) METAL SIDS 8" HIGH X 2.25" WIDE - 1/8" FROM EDGE OF ENCLOSURE).
- INSTALL ICE BRIDGE FOR TEMPORARY USE.
- NO CHABLE CONDUIT WILL PENETRATE AT BOTTOM OF ENCLOSURE (WHERE THERE IS NO FIBER GLASS, AND CONNECT TO IT) EQUIPMENT. INSTALL OPENING AT FIBERGLASS WALLS SHALL BE PROVIDED).
- INSTALL H-FRAME FOR SIZ TEMP SERVICE TEMP ATS, ETC. PER PLAN.
- RELOCATE PORTABLE GENERATOR ON TRAILER AT NEW LOCATION AND CONNECT TO TEMP ATS. ALL POWER CONNECTIONS/TEST SERVICE SHALL BE TESTED, INSPECTED BY CONTRACTOR WITH TESTING REPORT PROVIDED.
- TEMPORARY PORTABLE BUILDING SHALL BE COMMISSIONED BY COUNTY WITH COORDINATION OF CONTRACTOR.

PHASE 3

- REMOVE EXISTING SIZ INCOMING SERVICE.
- DEMOLISH EXISTING EQUIPMENT BUILDING AND ATTACHED TOWER.
- INSTALL NEW EQUIPMENT BUILDING WITH ASSOCIATED FOUNDATION AND INCOMING CONDUITS.
- INSTALL PERMANENT ICE-BRIDGE FROM ANTENNA TOWER TO NEW BUILDING.
- INSTALL PERMANENT SIZ ELECTRICAL SERVICE.
- INSTALL PERMANENT SIZ BASE TANK GENERATOR WITH FULL TANK OF FUEL.
- INSTALL GRAVELS SURFACE IN AREA OF SCOPE.
- INSTALL GROUNDING SYSTEM.

PHASE 4

- REMOVE PORTABLE GENERATOR ON TRAILER.
- REMOVE TEMP PORTABLE BUILDING AND TRANSPORT IT BACK TO COUNTY RETO YARD.
- INSTALL PERMANENT FENCE AND GATES.

1. DURING CONSTRUCTION, CONTRACTOR IS RESPONSIBLE TO PROVIDE TEMPORARY GENERATOR AND ITS FOR COUNTY OF SAN BERNARDINO EQUIPMENT ROOM TO MAINTAIN OPERATION (INCLUDING LIGHTING, HANG AND POWER). PROVIDE TEMPORARY CONDUITS AND WIRING AS REQUIRED.

2. CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH SCE FOR TEMPORARY SERVICE AND PERMANENT INCOMING SERVICE ALONG WITH DESIGN FEES, PERMIT FEES, INSPECTION/TESTING FEES, ASSOCIATED FEES AND REQUIRED ON-SITE MEETINGS.

3. CONTRACTOR IS RESPONSIBLE TO OBTAIN PERMIT AND MEET REQUIREMENT OF ENVIRONMENTAL AGENCY/REGULATIONS.

4. FURNISH AND INSTALL ALL ELECTRICAL CONNECTION, COMPONENTS, DEVICES AND EQUIPMENT PER FLOOR PLAN.

5. ALL PERMIT FEES SHALL BE CONTRACTOR'S RESPONSIBILITY.

6. CONTRACTOR SHALL REUSE THE LOCAL NATIVE SOIL FOR THE CONSTRUCTION. FOREIGN SOIL USAGE SHALL BE REVIEWED AND APPROVED BY US FORESTRY.

PROJECT DATA

BUILDINGS	BUILDING 'B'
OCCUPANCY:	S
CONSTRUCTION TYPE:	V-B
SPRINKLER:	NO
AREA:	264 SF

GENERAL NOTES

- ALL WORK, MATERIALS AND METHODS USED SHALL CONFORM TO MEP COMPONENT ANCHORAGE NOTE.
- ALL WORK SHALL CONFORM WITH ALL APPLICABLE LOCAL, STATE, AND NATIONAL CODES.
- PIPE HANGERS AND SUPPORTS SHALL BE SUPERSTRUT OR EQUAL INCLUDING CHANNEL, HANGERS, STRAPS, ISOLATORS, INSULATION, SHIM PIPE, SHIELDS, INC., PORTABLE PIPE HANGERS, INC.
- PATCH EXISTING AND NEW OPENINGS TO FINISH PROFILES, FIXTURES, ETC. MATCH ADJACENT UNDISTURBED WORK.
- ALL DIMENSIONS ARE APPROXIMATE. THE DRAWINGS ARE DIAGNOSTIC TO THE EXTENT THAT ALL FITTINGS, OFFSETS, ETC. ARE NOT SHOWN. THESE DRAWINGS ARE FOR THE GUIDANCE OF THE CONTRACTOR. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD FOR FABRICATION OF THE WIRING, PENETRATIONS, CONDUIT, WIRING, AND ALL COMPONENTS INTO A COMPLETE AND OPERABLE SYSTEM.
- ALL WORK MUST BE SCHEDULED WITH THE PROJECT MANAGER TO MINIMIZE DISTURBANCE OF NORMAL ACTIVITIES. COORDINATE WORK WITH PROJECT MANAGER.
- WHERE DISCREPANCIES OCCUR BETWEEN THE PLANS AND SPECIFICATIONS CONTRACTOR SHALL NOTIFY OWNER OF ANY DISCREPANCIES IN WRITING. ANY ADJUSTMENT OF THE CONTRACT DOCUMENTS WITHOUT A DETERMINATION BY THE OWNER SHALL BE AT THE CONTRACTOR'S OWN RISK AND EXPENSE. THE MOST STRINGENT REQUIREMENTS SHALL APPLY AS DETERMINED BY THE OWNER.
- CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REPAIR/REPLACE OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NONCONFORMING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED IN THE CONTRACT DOCUMENTS, WHEN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CORRECTIVE CHANGE DOCUMENT, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER AND BEFORE PROCEEDING WITH THE WORK.
- PRIOR TO SUBMITTING PROPOSAL, BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND SHALL HAVE VISITED THE CONSTRUCTION SITE. HE SHALL BE FAMILIAR WITH THE EXISTING CONDITIONS UNDER WHICH HE WILL HAVE TO OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THIS CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.
- THE CONTRACTOR SHALL BE HELD FULLY RESPONSIBLE FOR THE PROPER RESTORATION OF ALL EXISTING SURFACES INCLUDING PATCHING, PLASTERING, PAINTING AND/OR OTHER REPAIR DUE TO THE INSTALLATION OF WORK UNDER THE TERMS OF THIS SPECIFICATION. CLOSE ALL OPENINGS, REPAIR ALL SURFACES, ETC. AS REQUIRED.
- ALL TEMPORARY AND REMODELING WORK SHALL BE CONSIDERED A PART OF THIS CONTRACT AND NO EXTRA CHARGES WILL BE ALLOWED. THIS SHALL INCLUDE MINOR ITEMS OF MATERIAL OR EQUIPMENT NECESSARY TO MEET THE REQUIREMENTS AND INTENT OF THE PROJECT.
- EXAMINE MECHANICAL & STRUCTURAL DRAWINGS AND SPECIFICATIONS TO DETERMINE THE SEQUENCE OF CONSTRUCTION THROUGHOUT THE PROJECT, INCLUDING EXISTING, TEMPORARY, REMODELED AND NEW AREAS.
- ALL DEVICES & EQUIPMENT ARE NEW, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL PROPERLY DISPOSE OF OR RECYCLE DEMOLISHED MATERIALS.
- MAINTAIN FIRE RATING OF ALL ASSEMBLIES MAINTAINED.
- SEAL ALL EXTERIOR PENETRATIONS WATER-TIGHT.

APPLICABLE CODES

- UNLESS OTHERWISE INDICATED OR SPECIFIED, PERFORM THE WORK IN CONFORMANCE WITH THE LATEST EDITIONS OF ALL APPLICABLE REGULATORY REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
- CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24): 2022
 - CALIFORNIA BUILDING CODE (PART 2, TITLE 24): 2021 IBC WITH 2022 CA AMENDMENTS
 - CALIFORNIA ELECTRICAL CODE (PART 3, TITLE 24): 2020 NEC WITH 2022 CA AMENDMENTS
 - CALIFORNIA MECHANICAL CODE (PART 4, TITLE 24): 2021 UMC WITH 2022 CA AMENDMENTS
 - CALIFORNIA PLUMBING CODE (PART 5, TITLE 24): 2021 UPC WITH 2022 CA AMENDMENTS
 - CALIFORNIA ENERGY CODE (PART 6, TITLE 24): 2022
 - CALIFORNIA HISTORICAL BUILDING CODE (PART 8, TITLE 24): 2022
 - CALIFORNIA FIRE CODE (PART 9, TITLE 24): 2021 IFC WITH 2022 CA AMENDMENTS
 - CALIFORNIA EXISTING BUILDING CODE (PART 10, TITLE 24): 2022 (2021 INTERNATIONAL EXISTING BUILDING CODE WITH 2022 CA AMENDMENTS)
 - CALIFORNIA GREEN BUILDING STANDARDS CODE OR CAL GREEN (PART 11, TITLE 24): 2022
 - CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24): 2022
 - PUBLIC SAFETY (CCR TITLE 19), STATE FIRE MARSHAL CURRENT EDITION
 - NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE, 2022 EDITION

PROJECT TEAM

ARCHITECTURAL / MECHANICAL / ELECTRICAL / PLUMBING	CIVIL ENGINEER & SURVEY	STRUCTURAL ENGINEER
SALAS O'BRIEN 3700 S. SUSAN STREET, STE 150 SANTA ANA, CALIFORNIA 92704 TEL (408) 537-4900 FAX (408) 297-2995	BRANDON & JOHNSTON 700 S. FLOWER ST #1800 LOS ANGELES, CALIFORNIA 90017 TEL (213) 596-4500 FAX (213) 596-4599	COMPLETE PROJECT SOLUTIONS 3313 VINCENT RD, STE 104 PLEASANT HILL, CALIFORNIA 94523 TEL (925) 265-2229

DRAWING INDEX

SHEET NO.	DESCRIPTION
G-0.0	COVER SHEET
C1.0	CIVIL TOPOGRAPHIC SURVEY
GR1.0	CIVIL GRADING AND EROSION CONTROL GENERAL NOTES
GR1.1	CIVIL PHASE 3 GRADING PLAN AND TYPICAL DETAILS
GR1.2	CIVIL PHASE 4 GRADING PLAN AND TYPICAL DETAILS
GR1.3	CIVIL EROSION CONTROL PLAN
AD-1.1	ARCHITECTURAL SITE PLAN - PHASE 0 - DEMO
A-1.1	ARCHITECTURAL SITE PLAN - PHASE 0 - NEW
AD-1.2	ARCHITECTURAL SITE PLAN - PHASE 1 - DEMO
A-1.2	ARCHITECTURAL SITE PLAN - PHASE 1 - NEW
AD-1.3	ARCHITECTURAL SITE PLAN - PHASE 2 - DEMO
A-1.3	ARCHITECTURAL SITE PLAN - PHASE 2 - NEW
AD-1.4	ARCHITECTURAL SITE PLAN - PHASE 3 - DEMO
A-1.4	ARCHITECTURAL SITE PLAN - PHASE 3 - NEW
AD-1.5	ARCHITECTURAL SITE PLAN - PHASE 4 - DEMO
A-1.5	ARCHITECTURAL SITE PLAN - PHASE 4 - NEW
A-3.1	ARCHITECTURAL ELEVATIONS
A-5.1	ARCHITECTURAL DETAILS
A-5.2	ARCHITECTURAL DETAILS
A-5.3	ARCHITECTURAL ROOF SPECIFICATIONS
M-0.0	MECHANICAL GENERAL NOTES, SYMBOLS & ABBREVIATIONS
MD-1.4	MECHANICAL SITE PLAN - DEMO DEMOLITION PLAN
M-1.4	MECHANICAL SITE PLAN PHASE 3 - NEW
M-5.1	MECHANICAL SCHEDULES & DETAILS
E-0.1	ELECTRICAL GENERAL NOTES, SYMBOLS & ABBREVIATIONS
E-0.2	ELECTRICAL SPECIFICATIONS
ED-1.1	ELECTRICAL SITE PLAN PHASE 0 - DEMO
E-1.1	ELECTRICAL SITE PLAN PHASE 0 - NEW
ED-1.2	ELECTRICAL SITE PLAN PHASE 1 - DEMO
E-1.2	ELECTRICAL SITE PLAN PHASE 1 - NEW
ED-1.3	ELECTRICAL SITE PLAN PHASE 2 - DEMO
E-1.3	ELECTRICAL SITE PLAN PHASE 2 - NEW
ED-1.4	ELECTRICAL SITE PLAN PHASE 3 - DEMO
E-1.4	ELECTRICAL SITE PLAN PHASE 3 - NEW
ED-1.5	ELECTRICAL SITE PLAN PHASE 4 - DEMO
E-1.5	ELECTRICAL SITE PLAN PHASE 4 - NEW
E-5.1	ELECTRICAL DETAILS
E-5.2	ELECTRICAL DETAILS
E-7.1	ELECTRICAL SINGLE LINE DIAGRAM

ISSUE	MARK	DATE	DESCRIPTION
		08/14/20	95% CD
		07/19/24	100% CD

SCORE	PROJECT NO:	21022776
DATE:	10/09/21	
DRAWN BY:	CADD	
CHECKED BY:	AC	
APPROVED BY:	AC	

SHEET TITLE
COVER SHEET

SCALE:	AS NOTED	AS NOTED
THIS DRAWING IS 30" X 42" AT FULL SIZE.		

G-0.0

THIS DRAWING IS 30" X 42" AT FULL SIZE. 10" X 21" AT HALF SIZE. © 2018 BY SALAS O'BRIEN ENGINEERS, INC.



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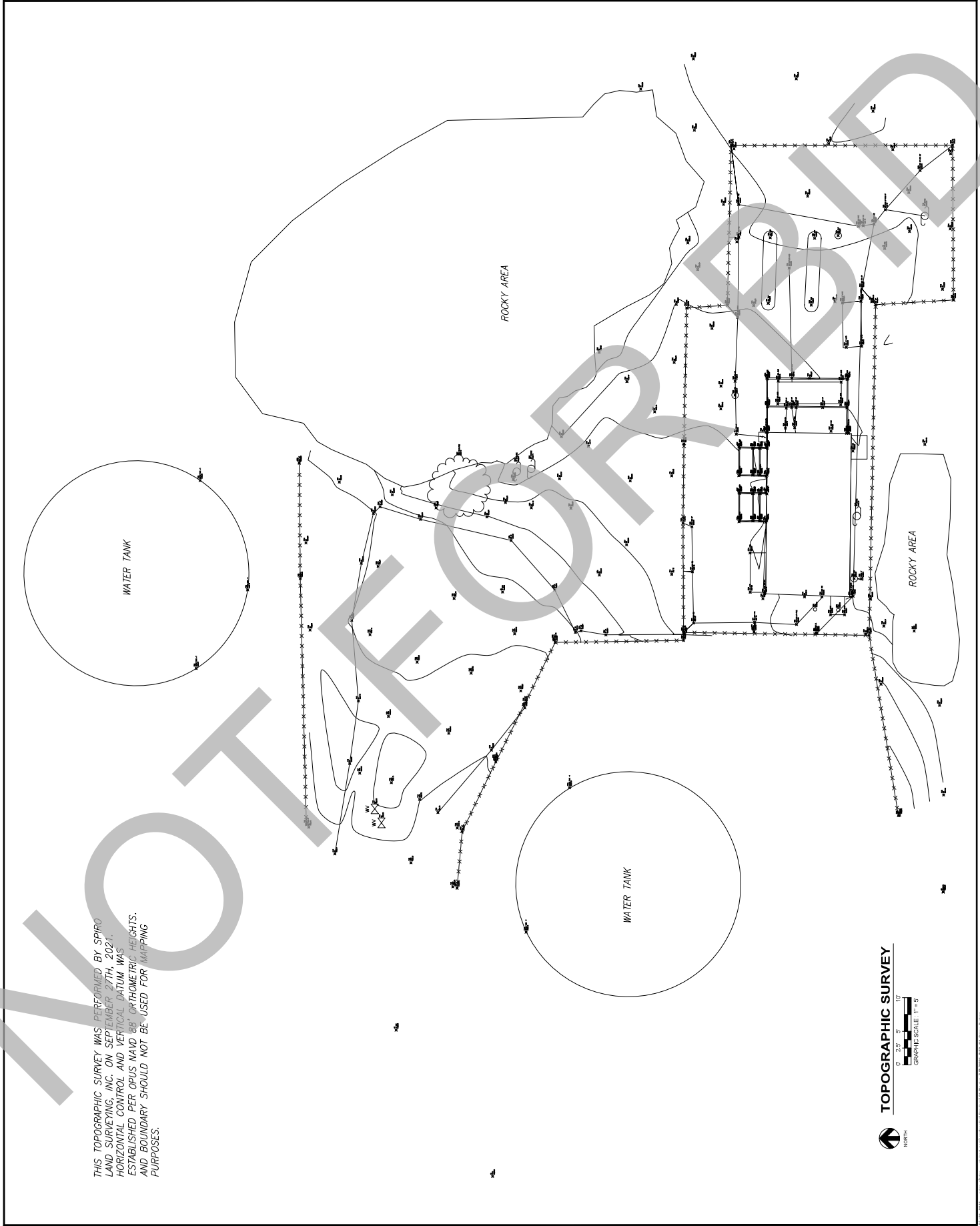


10.10.1237
 800 MHZ UPGRADE
 SKYLAND PEAK
 TOWER

ISSUE	DATE	DESCRIPTION
MARK	10/10/23	ISSUE FOR PERMIT
DATE	08/18/23	
DRAWN BY:	CB (DNL)	
CHECKED BY:	CB (DNL)	
APPROVED BY:	BR (DNL)	

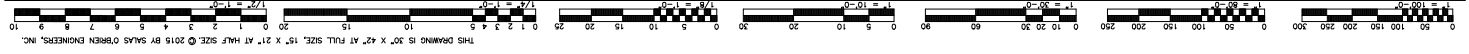
SCORE PROJECT NO: 210274
 DATE: 08/18/23
 DRAWN BY: CB (DNL)
 CHECKED BY: CB (DNL)
 APPROVED BY: BR (DNL)

SHEET TITLE
TOPOGRAPHIC SURVEY
 SCALE: AS NOTED
 THIS DRAWING IS 30" X 42" AT FULL SIZE
C1.0



THIS TOPOGRAPHIC SURVEY WAS PERFORMED BY SPIRO LAND SURVEYING, INC. ON SEPTEMBER 27TH, 2021. HORIZONTAL CONTROL AND VERTICAL DATUM WAS ESTABLISHED PER OPUS NAVD 88' ORTHOMETRIC HEIGHTS, AND BOUNDARY SHOULD NOT BE USED FOR MAPPING PURPOSES.

TOPOGRAPHIC SURVEY
 NORTH
 GRAPHIC SCALE: 1" = 40'
 1" = 40'



10/10/23 10:00 AM - Project: 210274 - 800MHZ UPGRADE SKYLAND PEAK TOWER - TOPOGRAPHIC SURVEY

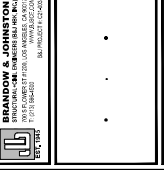
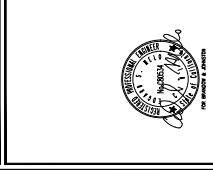


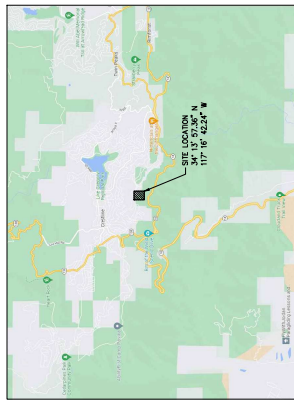
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GR1.0



VICINITY MAP NOT TO SCALE PREPARED BY BRANDON A. JOHNSON COUNTY ENGINEER SURE 1200 SAN BERNARDINO, CA 90017 SAN BERNARDINO, CA 92415

INDEX OF DRAWINGS table listing drawing titles and sheet numbers, including 'GENERAL NOTES', 'EROSION CONTROL PLAN', and 'ENVIRONMENTAL QUALITY NOTES'.

ABBREVIATIONS table listing symbols and their corresponding terms, such as 'PA NOT TO SCALE', 'POST INDICATOR VALVE', 'PRESSURE REDUCING VALVE', etc.

LEGEND table listing symbols and their corresponding terms, such as 'LIMIT OF REMOVAL GRADING', 'GRADE BREAK LINE', 'FLOW LINE', etc.



GENERAL NOTES 1. IN CASE OF EMERGENCY, CALL... 2. TOTAL DISTURBED AREA... 3. A STANDBY CREW FOR EMERGENCY WORK... 4. GRADING ACTIVITIES SHALL BE COMPLETED... 5. GRADING ACTIVITIES SHALL BE COMPLETED... 6. ALL MATERIALS TO BE REMOVED... 7. ALL MATERIALS TO BE REMOVED... 8. ALL MATERIALS TO BE REMOVED... 9. ALL MATERIALS TO BE REMOVED... 10. ALL MATERIALS TO BE REMOVED...

EROSION AND SEDIMENT CONTROL PLAN GENERAL NOTES 1. IN CASE OF EMERGENCY, CALL... 2. TOTAL DISTURBED AREA... 3. A STANDBY CREW FOR EMERGENCY WORK... 4. GRADING ACTIVITIES SHALL BE COMPLETED... 5. GRADING ACTIVITIES SHALL BE COMPLETED... 6. ALL MATERIALS TO BE REMOVED... 7. ALL MATERIALS TO BE REMOVED... 8. ALL MATERIALS TO BE REMOVED... 9. ALL MATERIALS TO BE REMOVED... 10. ALL MATERIALS TO BE REMOVED...

ENVIRONMENTAL QUALITY NOTES 1. ALL SLOPES OVER 1:1 SHALL BE STABILIZED... 2. ALL SLOPES OVER 1:1 SHALL BE STABILIZED... 3. ALL SLOPES OVER 1:1 SHALL BE STABILIZED... 4. ALL SLOPES OVER 1:1 SHALL BE STABILIZED... 5. ALL SLOPES OVER 1:1 SHALL BE STABILIZED... 6. ALL SLOPES OVER 1:1 SHALL BE STABILIZED...

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CALIFORNIA CODE OF REGULATIONS: APPLICABLE CODES AS OF JANUARY 1, 2023 2023 BUILDING STANDARDS ADMINISTRATIVE CODE... 2023 CALIFORNIA ELECTRICAL CODE... 2023 CALIFORNIA FIRE CODE... 2023 CALIFORNIA MECHANICAL CODE... 2023 CALIFORNIA PLUMBING CODE... 2023 CALIFORNIA SOILS AND FOUNDATIONS CODE... 2023 CALIFORNIA WOOD PRESERVATION CODE... 2023 CALIFORNIA WOOD PRESERVATION CODE...

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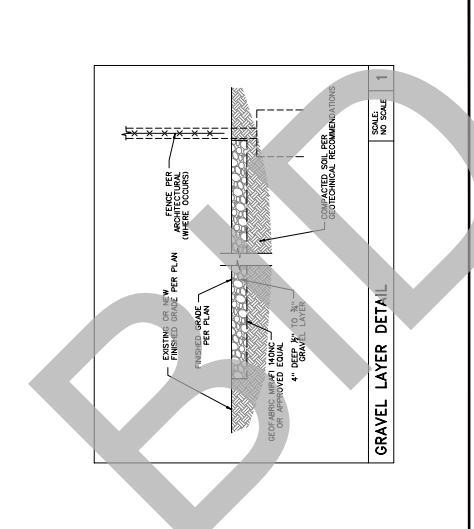
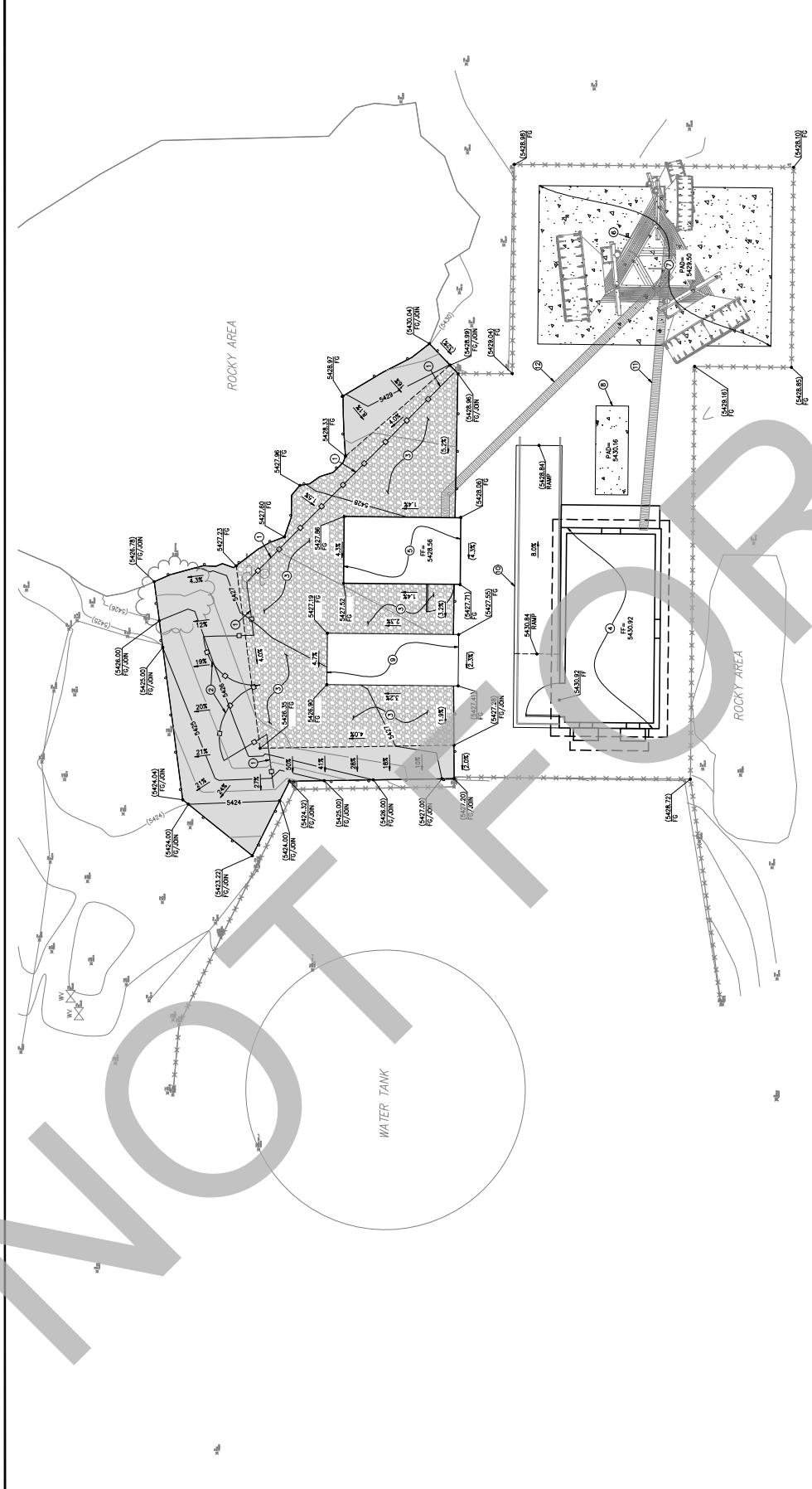


10.10.1237
800 MHz UPGRADE
SKYLAND PEAK
TOWER

ISSUE	DATE	DESCRIPTION
01	10/10/2017	ISSUE FOR PERMIT
02	10/10/2017	ISSUE FOR PERMIT
03	10/10/2017	ISSUE FOR PERMIT
04	10/10/2017	ISSUE FOR PERMIT
05	10/10/2017	ISSUE FOR PERMIT
06	10/10/2017	ISSUE FOR PERMIT
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100	10/10/2017	ISSUE FOR PERMIT

SCORE PROJECT NO: 210274
 DATE: 08/18/23
 DRAWN BY: CR (DNL)
 CHECKED BY: CR (DNL)
 APPROVED BY: CR (DNL)

SHEET TITLE
PHASE THREE
GRADING PLAN AND
TYPICAL DETAILS
 SCALE: AS NOTED
 THE DRAWING IS 30" X 42" AT FULL SIZE
GR1.1



LEGEND

- PROPOSED GRADE BREAK LINE
- - - - - TEMPORARY CHAIN LINK FENCE
- - - - - EXISTING CHAIN LINK FENCE
- - - - - PROPOSED CONTOUR (1' INTERVAL)
- - - - - EXISTING CONTOUR (1' INTERVAL)
- - - - - PROPOSED SPOT ELEVATION
- - - - - EXISTING SPOT ELEVATION (11.1')
- - - - - PROPOSED DRYLIGHT SLOPE
- - - - - PROPOSED BUILDING OUTLINE
- - - - - STRUCTURAL CONCRETE PAD
- - - - - PROPOSED GRAVEL PATCH

GRADING PLAN
 SCALE: NO SCALE 1'
 GRAPHIC SCALE: 1" = 5'

GRADING KEY NOTES

- INSTALL TEMPORARY CHAIN LINK FENCE PER ARCHITECTURAL PLANS.
- INSTALL TEMPORARY CHAIN LINK GATE PER ARCHITECTURAL PLANS.
- CONSTRUCT GRAVEL PATCH WITH GEO-FABRIC PER DETAIL 1 HEREON.
- CONSTRUCT PERMANENT BUILDING PER ARCHITECTURAL AND STRUCTURAL PLANS.
- INSTALL TEMPORARY BUILDING PER ARCHITECTURAL AND STRUCTURAL PLANS.
- CONSTRUCT PERMANENT THREE-LEG TOWER PER ARCHITECTURAL AND STRUCTURAL PLANS.
- CONSTRUCT CONCRETE PAD AND FOOTING FOR PERMANENT TOWER PER STRUCTURAL PLANS.
- CONSTRUCT PORTABLE PAVEMENT RAMP PER ARCHITECTURAL AND ELECTRICAL PLANS.
- INSTALL TEMPORARY PORTABLE PAVEMENT RAMP PER ARCHITECTURAL AND ELECTRICAL PLANS.
- INSTALL ELEVATED PORTABLE PEDESTRIAN RAMP WITH HANDRAILS PER ARCHITECTURAL PLANS.
- INSTALL PERMANENT ICE BRODIE PER ARCHITECTURAL AND ELECTRICAL PLANS.
- INSTALL TEMPORARY ICE BRODIE PER ARCHITECTURAL AND ELECTRICAL PLANS.

SUPPLEMENTARY NOTES

- BACKFILL MUST BE PLACED IN 10IN LAYERS NOT EXCEEDING 12 FEET MAXIMUM HEIGHT. THE BACKFILL SHALL BE COMPACTED TO 95% OF THE THEORETICAL MAXIMUM DENSITY AS DETERMINED BY ASTM D1557. THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557. BEFORE FILLING, THE EXISTING GROUND SURFACE SHALL BE COMPACTED TO 95% OF THE THEORETICAL MAXIMUM DENSITY AS DETERMINED BY ASTM STANDARD D-1557. MOISTURE CONTENT SHALL BE DETERMINED BY ASTM STANDARD D-2922. THE CONTRACTOR SHALL COMPACT THIS UPPER 12-INCH TRENCH BACKFILL ZONE AS INFORMED BY THE PRECEDING INFORMATION.
- ANY EXISTING PAVEMENT BEYOND THE SCOPE AREA OF WORK SHALL BE MAINTAINED AND NOT REMOVED. ANY EXISTING PAVEMENT BEYOND THE SCOPE AREA OF WORK SHALL BE MAINTAINED AND NOT REMOVED. ANY EXISTING PAVEMENT BEYOND THE SCOPE AREA OF WORK SHALL BE MAINTAINED AND NOT REMOVED.



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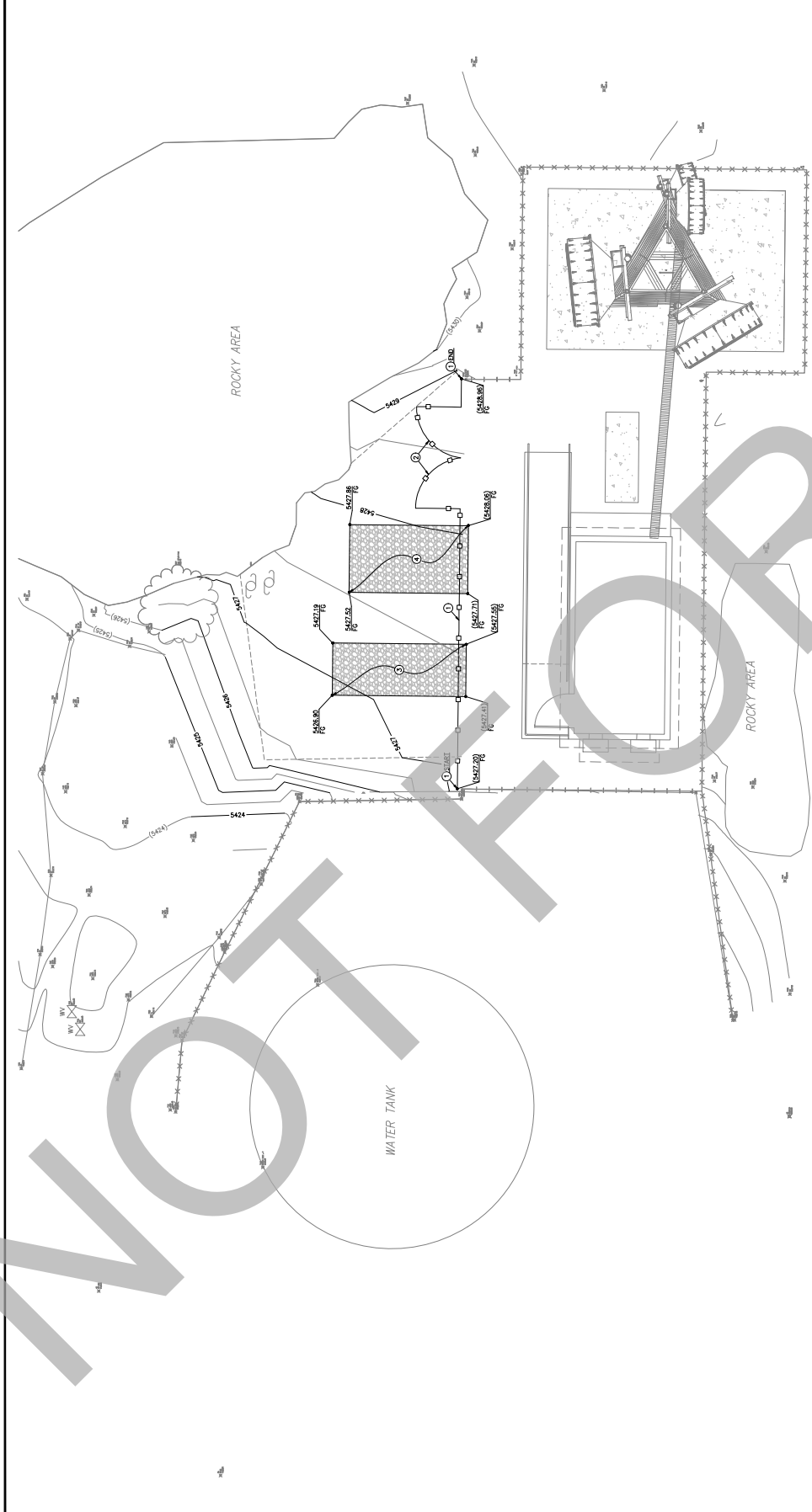
10.10.1237
800 MHZ UPGRADE
SKYLAND PEAK
TOWER

ISSUE	DATE	DESCRIPTION
MARK	10/10/2019	ISSUE FOR PERMITS
REVISED	10/10/2019	ISSUE FOR PERMITS
REVISED	10/10/2019	ISSUE FOR PERMITS
REVISED	10/10/2019	ISSUE FOR PERMITS
REVISED	10/10/2019	ISSUE FOR PERMITS

SCORE PROJECT NO.:	210279
DATE:	08/19/23
DRAWN BY:	CB (DNL)
CHECKED BY:	CB (DNL)
APPROVED BY:	BR (DNL)

SHEET TITLE
PHASE FOUR
GRADING PLAN AND
TYPICAL DETAILS
 SCALE: AS NOTED
 THIS DRAWING IS 30" X 42" AT FULL SIZE

GR1.2

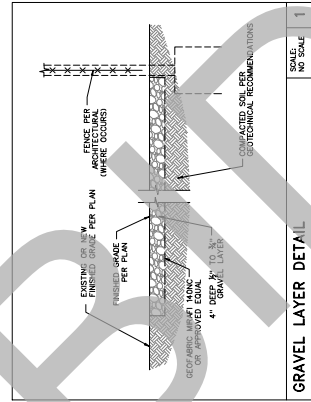


LEGEND

- GRADE BRICK LITE
- PERMANENT CHAIN LINK FENCE
- EXISTING CHAIN LINK FENCE
- PROPOSED CONTOUR (1' INTERVAL)
- PROPOSED CONTOUR (2' INTERVAL)
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION (11.1')
- PROPOSED BUILDING OUTLINE
- STRUCTURAL CONCRETE PAD
- PROPOSED GRAVEL PATCH

- GRADING KEY NOTES**
- INSTALL PERMANENT CHAIN LINK FENCE PER ARCHITECTURAL PLANS.
 - REDUCE TEMPORARY PORTABLE GENERATOR PER ARCHITECTURAL PLANS.
 - CONSTRUCT GRAVEL PATCH WITH GEO-FABRIC PER DETAIL 1 HEREON.
 - REMOVE ANY AND ALL ASSOCIATED CONCRETE FOOTINGS AND FOUNDATIONS.
 - CONSTRUCT GRAVEL PATCH WITH GEO-FABRIC PER DETAIL 1 HEREON.

- SUPPLEMENTARY NOTES**
- BACKFILL MUST BE PLACED IN THIN LAYERS NOT EXCEEDING 12" THICKNESS. MOISTURE CONDITION TO AT LEAST OPTIMUM MOISTURE CONDITION (OMC) SHALL BE MAINTAINED THROUGHOUT THE MAJORITY OF THE LAYER AS DETERMINED BY ASTM D1557. BEFORE PAVEMENT SECTIONS MUST BE COMPACTED TO DETERMINED BY ASTM STANDARD D-1557. MOISTURE CONTENT SHALL BE MAINTAINED THROUGHOUT THE MAJORITY OF THE COMPACTING THIS UPPER 12-INCH BENCH BACKFILL ZONE, AS INFORMED BY THE PRECEDING INFORMATION.
 - ANY EXISTING PAVEMENT BEYOND THE SCORE AREA OF WORK MUST BE REMOVED AND REPAIRED TO ORIGINAL CONDITION. BEFORE ERECTION OF THIS PATCH SHALL BE ULTIMATELY REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.



GRADING PLAN

SCALE: 1" = 5'

GRAPHIC SCALE: 1" = 5'

0' 2.5' 5' 10'

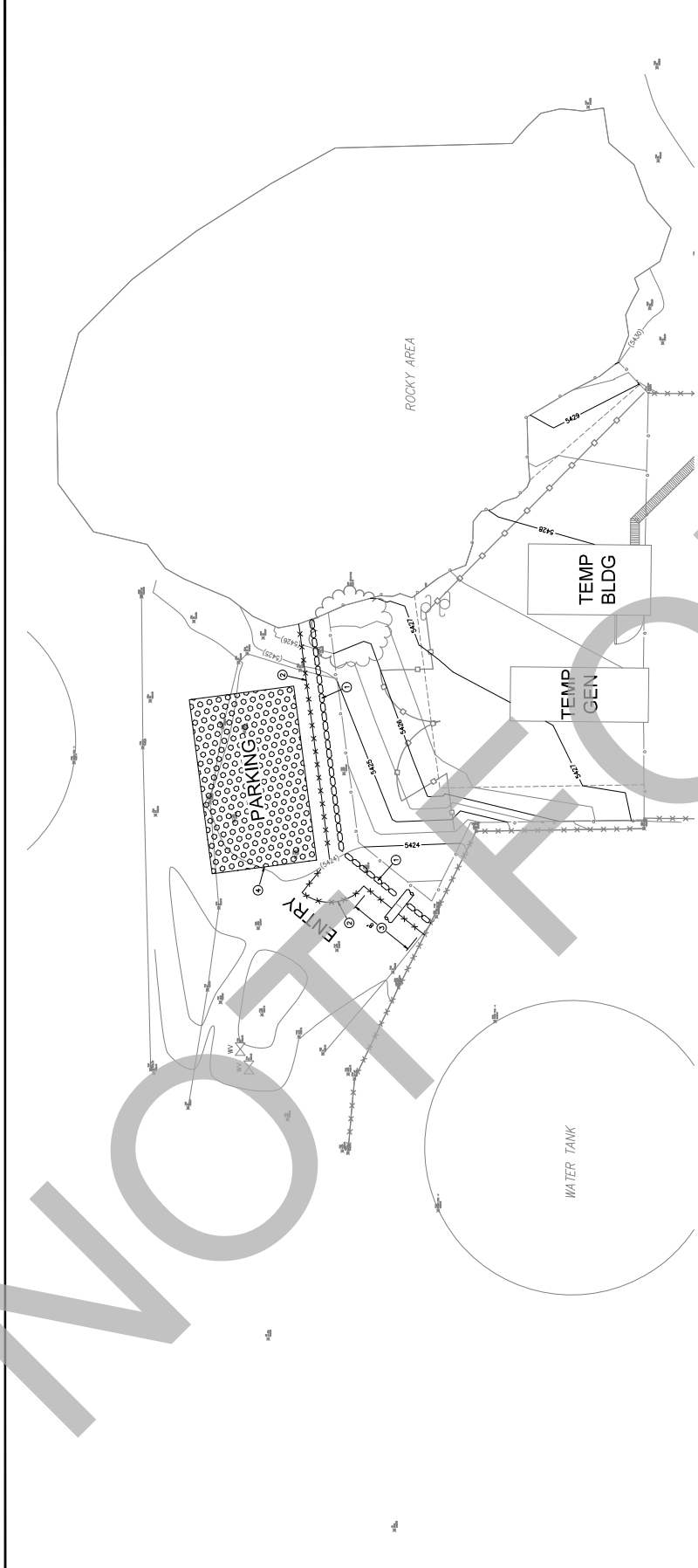
NORTH



ISSUE	MARK	DATE	DESCRIPTION
	W/2020	10/06/20	ISSUED FOR PERMIT
	R/2020	10/06/20	REVISIONS
	K/2020	10/06/20	REVISIONS

DATE:	08/18/23
DRAWN BY:	CE (DNL)
CHECKED BY:	CE (DNL)
APPROVED BY:	CE (DNL)

SHEET TITLE	
EROSION CONTROL PLAN	
SCALE: AS NOTED	
THIS DRAWING IS 30" X 42" AT FULL SIZE	
GR1.3	



TYPICAL DEMOLITION DEBRIS NOTES

- EROSION CONTROL DEVICES SHOWN ON THE PLAN MAY BE REMOVED ONLY AFTER THE DEMOLITION OF THE STRUCTURE HAS COMPLETED. LONGER REQUIRED.
- ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS OF DEMOLITION. DEVICES SHALL BE MAINTAINED THROUGHOUT DEMOLITION.
- WATER IN ANY DEVICE EXCESSING TWO FEET, THE DEVICE SHALL BE PUMPED AND DRAINING OF ALL BASINS AND DRAINAGE DEVICES MUST COMPLY WITH THE APPROPRIATE BMP FOR DRAINING OPERATIONS.
- WITHIN THE SITE IS LEFT TO THE DISCRETION OF THE FIELD ENGINEER, SEDIMENTS AND OTHER POLLUTANTS ON SITE.
- STORM WATER POLLUTION DEVICES ARE TO BE MODIFIED, AS NEEDED, TO ACCOMMODATE DEMOLITION ACTIVITIES. THE FIELD ENGINEER HAS THE RESPONSIBILITY OF THE FIELD ENGINEER. THESE REVISIONS CHANGES MUST BE SUBMITTED FOR APPROVAL.
- EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE ESCAPE OF NON-STORED WATER FROM THE PROJECT SITE AT ALL TIMES.
- POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE DISCHARGED TO ANY WATERWAY. POLLUTANTS MUST BE STORED IN A SECURE, NATURAL DRAINAGE COURSE OR WIND, TORN, SHAKES, AREA.
- CONTRACTORS ARE RESPONSIBLE TO INSPECT THAT ALL BMPs ARE MAINTAINED THROUGHOUT DEMOLITION. DEMOLITION OPERATIONS OF 0.25 ACRES OR GREATER OF PREDICTED PRECIPITATION, AND AFTER OF DEMOLITION OPERATIONS, THE FIELD ENGINEER SHALL BE ADVISED. ALL THIS AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL.
- THE CONSTRUCTION ENTRANCE SEDIMENTATION MUST BE STABILIZED 90% AS A MINIMUM. SEDIMENTATION MUST BE STABILIZED 100% IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
- A STANDBY EMPLOYEE SHALL BE AVAILABLE AT ALL TIMES TO MONITOR NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STORED IN A SECURE, NATURAL DRAINAGE COURSE OR WIND, TORN, SHAKES, AREA. EMERGENCY CONTACTS UNDER RAIN IS MAINTAINED.

STORM WATER POLLUTION CONTROL

- CONSTRUCTION ACTIVITIES INCLUDING, CLEANING, GRADING OR EXCAVATION THAT RESULT IN DISTURBED AREAS SHALL BE PROTECTED TO MAINTAIN EXISTING VEGETATION, SOIL STRUCTURE, AND TO PREVENT POLLUTANTS FROM ENTERING ADJACENT AREAS. POLLUTANTS MUST BE PROTECTED FROM THE PUBLIC WAY. POLLUTANTS MUST BE PROTECTED FROM THE PUBLIC WAY. POLLUTANTS MUST BE PROTECTED FROM THE PUBLIC WAY.
- STORM WATER POLLUTION DEVICES ARE TO BE MODIFIED, AS NEEDED, TO ACCOMMODATE DEMOLITION ACTIVITIES. THE FIELD ENGINEER HAS THE RESPONSIBILITY OF THE FIELD ENGINEER. THESE REVISIONS CHANGES MUST BE SUBMITTED FOR APPROVAL.
- EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE ESCAPE OF NON-STORED WATER FROM THE PROJECT SITE AT ALL TIMES.
- POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE DISCHARGED TO ANY WATERWAY. POLLUTANTS MUST BE STORED IN A SECURE, NATURAL DRAINAGE COURSE OR WIND, TORN, SHAKES, AREA.
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- A STANDBY EMPLOYEE SHALL BE AVAILABLE AT ALL TIMES TO MONITOR NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STORED IN A SECURE, NATURAL DRAINAGE COURSE OR WIND, TORN, SHAKES, AREA. EMERGENCY CONTACTS UNDER RAIN IS MAINTAINED.

BEST MANAGEMENT PRACTICE NOTES

- EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORED WATER FROM THE PROJECT SITE AT ALL TIMES.
- EROSION CONTROL DEVICES SHOWN ON THE PLAN MAY BE REMOVED ONLY AFTER THE DEMOLITION OF THE STRUCTURE HAS COMPLETED. LONGER REQUIRED.
- ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS OF DEMOLITION. DEVICES SHALL BE MAINTAINED THROUGHOUT DEMOLITION.
- WATER IN ANY DEVICE EXCESSING TWO FEET, THE DEVICE SHALL BE PUMPED AND DRAINING OF ALL BASINS AND DRAINAGE DEVICES MUST COMPLY WITH THE APPROPRIATE BMP FOR DRAINING OPERATIONS.
- WITHIN THE SITE IS LEFT TO THE DISCRETION OF THE FIELD ENGINEER, SEDIMENTS AND OTHER POLLUTANTS ON SITE.
- STORM WATER POLLUTION DEVICES ARE TO BE MODIFIED, AS NEEDED, TO ACCOMMODATE DEMOLITION ACTIVITIES. THE FIELD ENGINEER HAS THE RESPONSIBILITY OF THE FIELD ENGINEER. THESE REVISIONS CHANGES MUST BE SUBMITTED FOR APPROVAL.
- EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE ESCAPE OF NON-STORED WATER FROM THE PROJECT SITE AT ALL TIMES.
- POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE DISCHARGED TO ANY WATERWAY. POLLUTANTS MUST BE STORED IN A SECURE, NATURAL DRAINAGE COURSE OR WIND, TORN, SHAKES, AREA.
- CONTRACTORS ARE RESPONSIBLE TO INSPECT THAT ALL BMPs ARE MAINTAINED THROUGHOUT DEMOLITION. DEMOLITION OPERATIONS OF 0.25 ACRES OR GREATER OF PREDICTED PRECIPITATION, AND AFTER OF DEMOLITION OPERATIONS, THE FIELD ENGINEER SHALL BE ADVISED. ALL THIS AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL.
- THE CONSTRUCTION ENTRANCE SEDIMENTATION MUST BE STABILIZED 90% AS A MINIMUM. SEDIMENTATION MUST BE STABILIZED 100% IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
- A STANDBY EMPLOYEE SHALL BE AVAILABLE AT ALL TIMES TO MONITOR NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STORED IN A SECURE, NATURAL DRAINAGE COURSE OR WIND, TORN, SHAKES, AREA. EMERGENCY CONTACTS UNDER RAIN IS MAINTAINED.

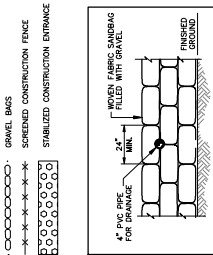
EROSION CONTROL KEY NOTES

- INSTALL SINGLE ROW GRAVEL BAGS STACKED 2 BAGS HIGH
- INSTALL TRANSPARENT CONSTRUCTION FENCE
- INSTALL SEDIMENT TRAP OUTLET PER DETAIL 1 HEREON
- INSTALL STABILIZED CONSTRUCTION ENTRANCE PER 10-1 OF CAS9A BMP MANUAL

NOTE TO CONTRACTOR

- AS REFERRED NECESSARY.
- FOR SPALL PREVENTION AND CONTROLS REFER TO W-4 OF CAS9A BMP MANUAL.

LEGEND



EROSION CONTROL PLAN

GRAPHIC SCALE: 1" = 10'

DATE: _____

SIGNATURE: _____

OWNER OR AUTHORIZED AGENT OF THE OWNER

DATE: _____

SIGNATURE: _____

OWNER OR AUTHORIZED AGENT OF THE OWNER

THE FOLLOWING BMPs AS OUTLINED IN, BUT NOT LIMITED TO, THE LATEST EDITION OF THE CAS9A BMP MANUAL, MAY BE REQUIRED DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DETERMINED APPROPRIATE BY THE PROJECT ENGINEER OF THE BUILDING OFFICIAL)

