



SALAS O'BRIEN

[expect a difference]

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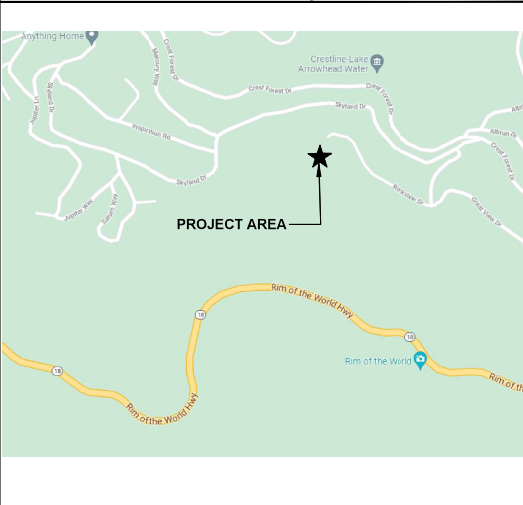
National Strength.
Local Action.

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 DIESE SAZE 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.

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 SUPERSTRIP 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.

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

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 DATA

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



10.10.1237
**800MHz UPGRADE
SKYLAND PEAK
TOWER**
APH: 033832118
CP: #22-052

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

SCORE PROJECT NO: 21022776
DATE: 10/09/21
DRAWN BY: CAD
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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 National Strength.
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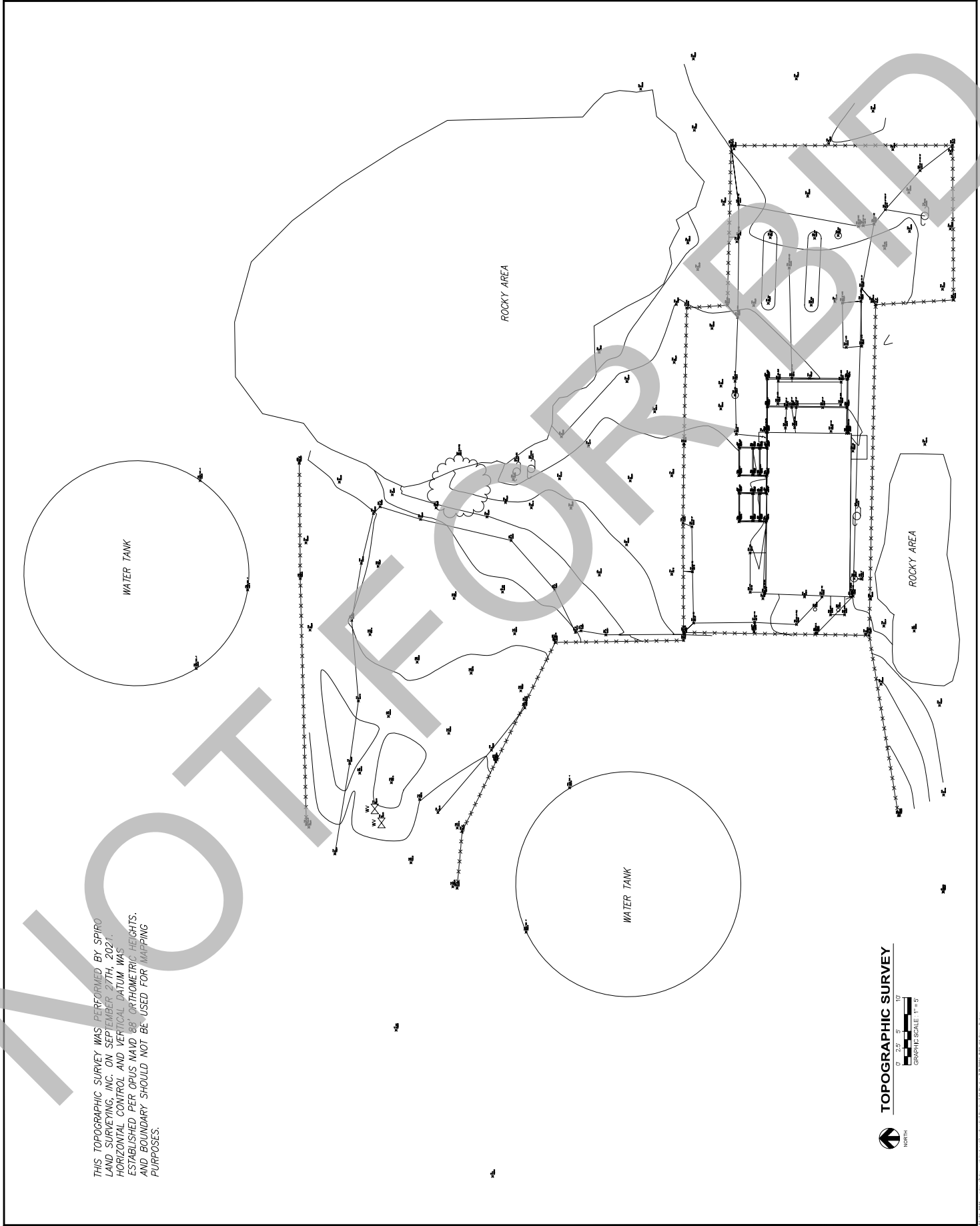


10.10.1237
 800 MHZ UPGRADE
 SKYLAND PEAK
 TOWER

ISSUE	DATE	DESCRIPTION
MARK	10/10/23	INITIALS
DATE	10/10/23	DATE
BY	BY	BY
CHKD	CHKD	CHKD
APPD	APPD	APPD

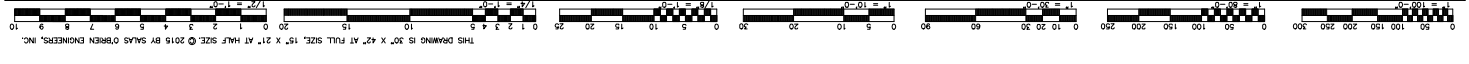
SCORE PROJECT NO: 210274
 DATE: 08/18/23
 DRAWN BY: CB (DNL)
 CHECKED BY: CB (DNL)
 APPROVED BY: BR (DNL)

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'
 GRAPHIC SCALE: 1" = 40'



10/10/2023 10:00:00 AM - Project: 210274 - 800 MHZ UPGRADE SKYLAND PEAK TOWER - TOPOGRAPHIC SURVEY - C1.0



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BRANDOW & JOHNSTON
REGISTERED PROFESSIONAL ENGINEERS
1705 MARKET STREET, SUITE 100
SAN JOSE, CALIFORNIA 95128



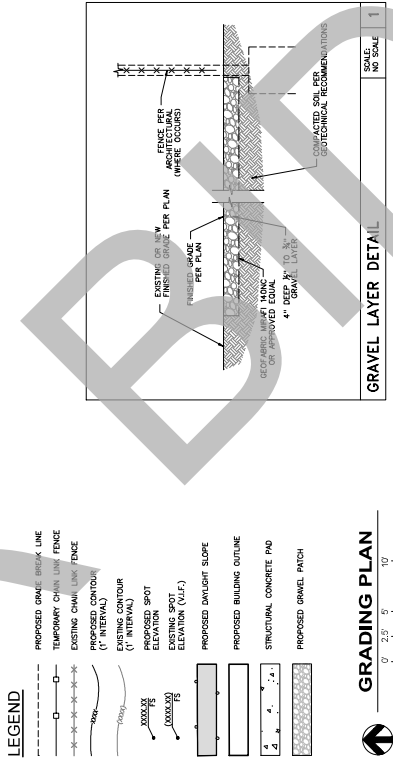
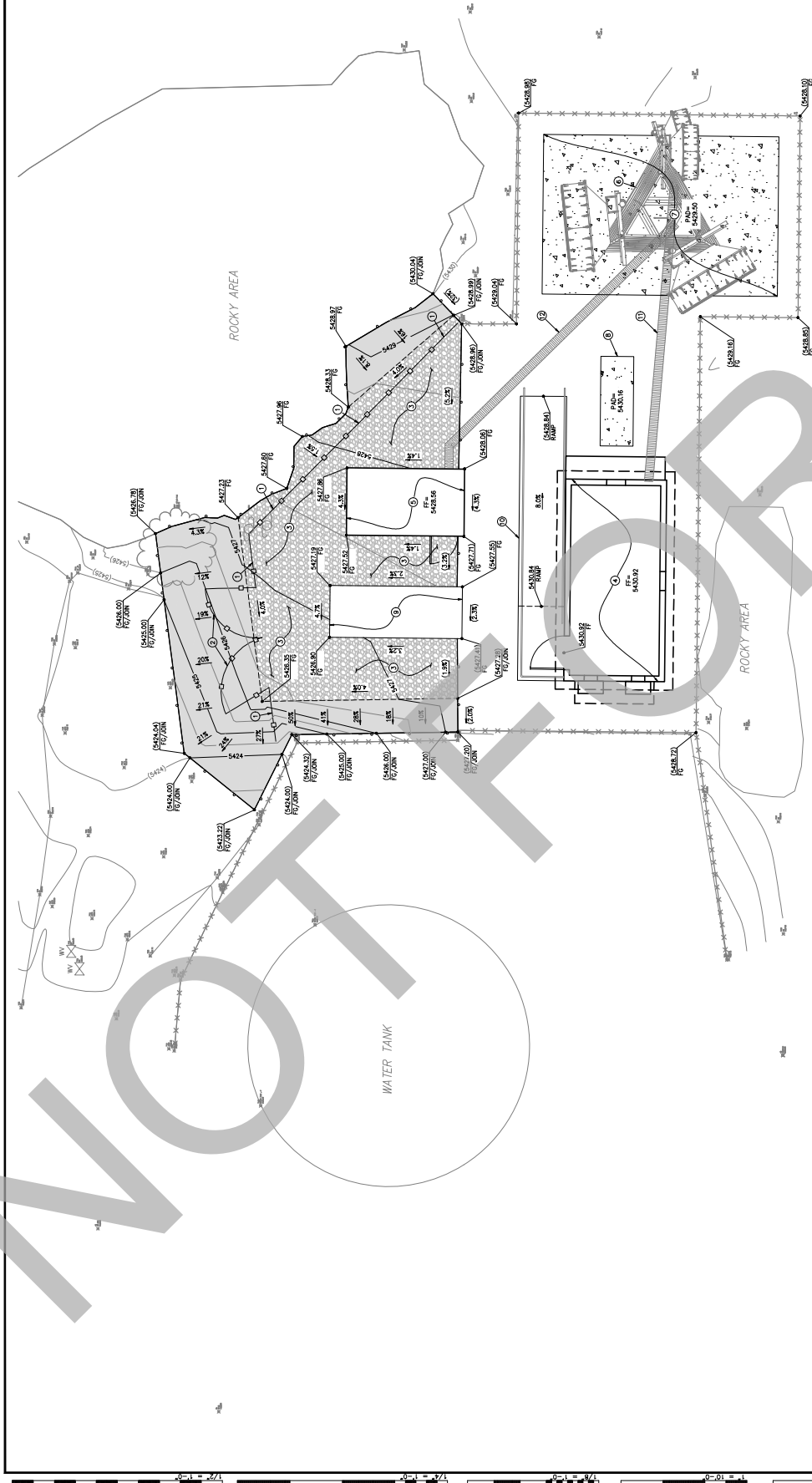
10.10.1237
800 MHZ UPGRADE
SKYLAND PEAK
TOWER

ISSUE	DATE	DESCRIPTION
1	10/23/2019	ISSUED FOR PERMITS
2	11/22/2019	100% CD
3	12/17/2019	100% CD

SCORE PROJECT NO.:	2102276
DATE:	08/19/23
DRAWN BY:	CR (OAL)
CHECKED BY:	OF (OAL)
APPROVED BY:	ER (OAL)

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

GR1.1

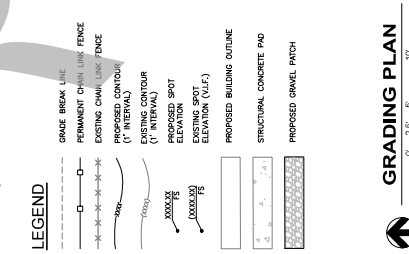
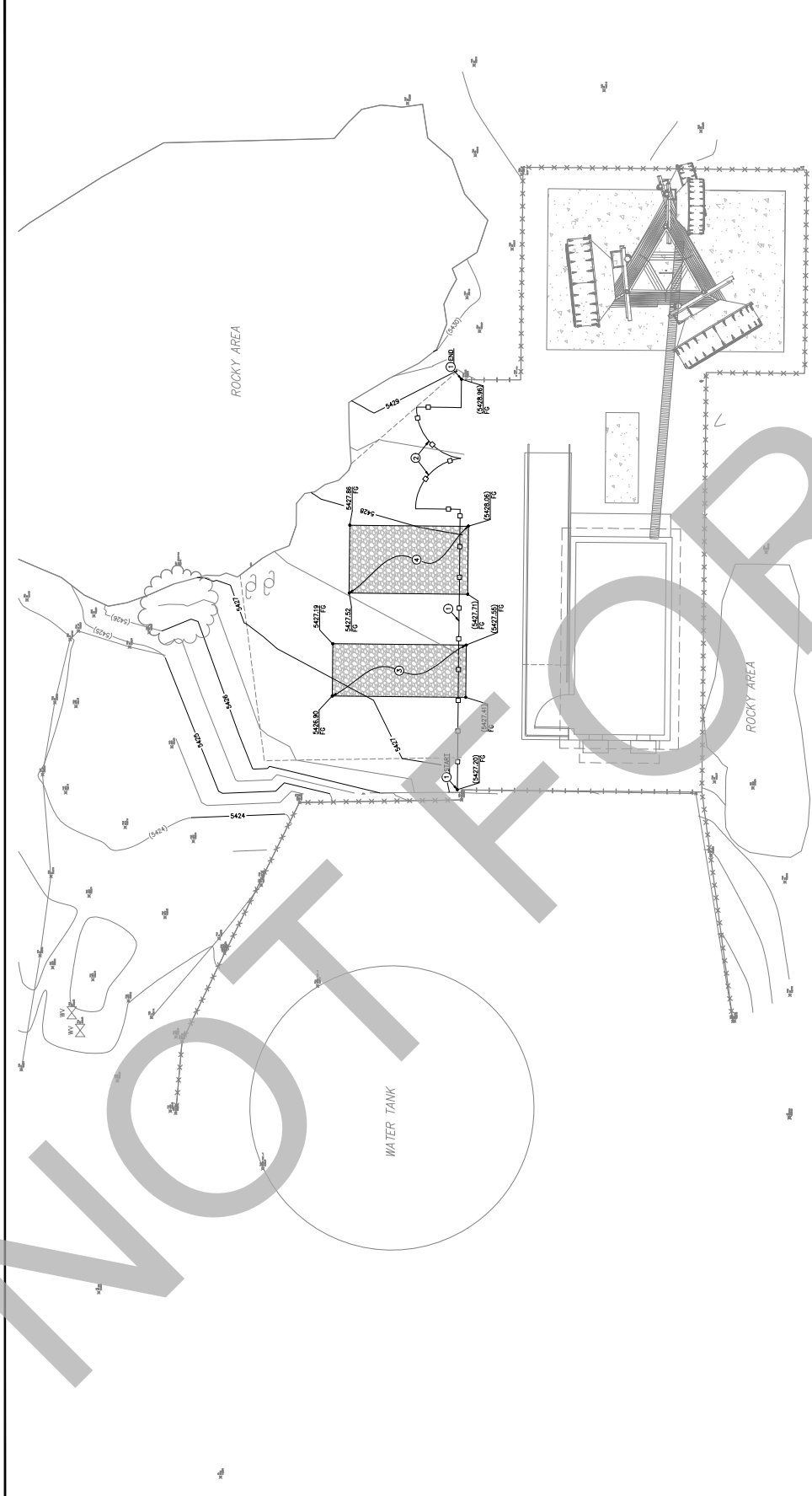


- LEGEND**
- PROPOSED GRADE BREAK LINE
 - - - - - TEMPORARY CHAIN LINK FENCE
 - - - - - EXISTING CHAIN LINK FENCE
 - - - - - PROPOSED CONTOUR (1' INTERVAL)
 - - - - - EXISTING CONTOUR
 - XXXXXX PROPOSED SPOT ELEVATION (11.1)
 - XXXXXX EXISTING SPOT ELEVATION (11.1)
 - ███ PROPOSED DRYLOFT SLOPE
 - ▭ PROPOSED BUILDING OUTLINE
 - ▭ STRUCTURAL CONCRETE PAD
 - ▭ PROPOSED GRAVEL PATCH

- GRADING KEY NOTES**
1. INSTALL TEMPORARY CHAIN LINK FENCE PER ARCHITECTURAL PLANS.
 2. INSTALL TEMPORARY GRAVEL PATCH PER ARCHITECTURAL PLANS.
 3. CONSTRUCT GRAVEL PATCH WITH GEO-FABRIC PER DETAIL 1 HEREON.
 4. INSTALL TEMPORARY BUILDING PER ARCHITECTURAL AND STRUCTURAL PLANS.
 5. CONSTRUCT PERMANENT BUILDING PER ARCHITECTURAL AND STRUCTURAL PLANS.
 6. CONSTRUCT PERMANENT THREE-LEG TOWER PER ARCHITECTURAL AND STRUCTURAL PLANS.
 7. CONSTRUCT CONCRETE PAD AND FOOTING FOR PERMANENT TOWER PER STRUCTURAL PLANS.
 8. CONSTRUCT PORTABLE ICE BROODE PER ARCHITECTURAL AND ELECTRICAL PLANS.
 9. CONSTRUCT PORTABLE PESTERMAN RAMP WITH HANDRAILS PER ARCHITECTURAL PLANS.
 10. INSTALL PERMANENT ICE BROODE PER ARCHITECTURAL AND ELECTRICAL PLANS.
 11. INSTALL TEMPORARY ICE BROODE PER ARCHITECTURAL AND ELECTRICAL PLANS.

- SUPPLEMENTARY NOTES**
1. BACKFILL MUST BE PLACED IN TWIN LAYERS NOT EXCEEDING 12" THICKNESS. EACH LAYER MUST BE COMPACTED TO 95% OF MAXIMUM DRY TENSILE MOISTURE CONTENT TO A DEPTH OF 18" FROM THE TOP OF THE MATERIAL. THE DENSITY OF THE MATERIAL TO BE COMPACTED SHALL BE DETERMINED BY ASTM D1557. SAMPLES BEFORE FILLMENT SECTIONS MUST BE COMPACTED TO DETERMINE THE MAXIMUM DRY TENSILE MOISTURE CONTENT OF THE MATERIAL. THIS UPPER 12-INCH TRENCH BACKFILL ZONE SHALL BE COMPACTED BY THE PRESCRIBED METHOD. ALL COMPACTING SHALL BE VERIFIED BY THE PRESCRIBED METHOD, AS INFORMED BY THE PRECEDING INFORMATION.
 2. ANY EXISTING PAVEMENT BEYOND THE SCOPE AREA OF WORK SHALL BE REPAIRED BY THE CONTRACTOR AT THEIR OWN EXPENSE. MINOR PAVEMENT DAMAGE SHALL BE REPAIRED BY THE CONTRACTOR AT THEIR OWN EXPENSE.



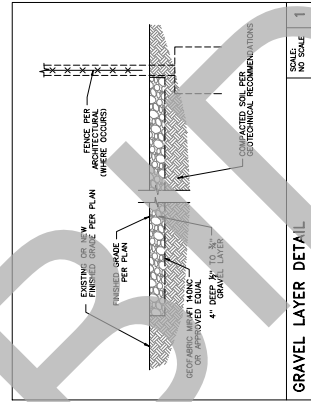


GRADING KEY NOTES

1. INSTALL PERMANENT CHAIN LINK FENCE PER ARCHITECTURAL PLANS.
2. REDUCE TEMPORARY PORTABLE GENERATOR PER ARCHITECTURAL PLANS.
3. CONSTRUCT GRAVEL PATCH WITH GEO-FABRIC PER DETAIL 1 HEREON.
4. REMOVE ANY AND ALL ASSOCIATED CONCRETE FOOTINGS AND FOUNDATIONS.
5. CONSTRUCT GRAVEL PATCH WITH GEO-FABRIC PER DETAIL 1 HEREON.

SUPPLEMENTARY NOTES

1. BACKFILL MUST BE PLACED IN 12 LAYERS NOT EXCEEDING 12 INCHES PER LAYER. MOISTURE CONDITION TO AT LEAST OPTIMUM MOISTURE CONDITION AS DETERMINED BY ASTM D-1557. THE MAXIMUM FILL DEPTH AS DETERMINED BY ASTM D-1557. BEFORE PAVEMENT SECTIONS MUST BE COMPACTED TO DETERMINED BY ASTM STANDARDS D-1557. MOISTURE CONTENT SHALL BE MEASURED BY THE MOISTURE DENSITY METHOD. CONTRACTORS THIS UPPER 12-INCH BENCH BACKFILL ZONE SHALL BE COMPACTED TO THE PRESCRIBED MOISTURE METHOD, AS INFORMED BY THE PRECEDING INFORMATION.
2. ANY EXISTING PAVEMENT BEYOND THE SCORE AREA OF WORK SHALL BE DEMOLISHED AND REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE. BEFORE RECONSTRUCTION OF THIS PATCH SHALL BE ULTIMATELY REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.

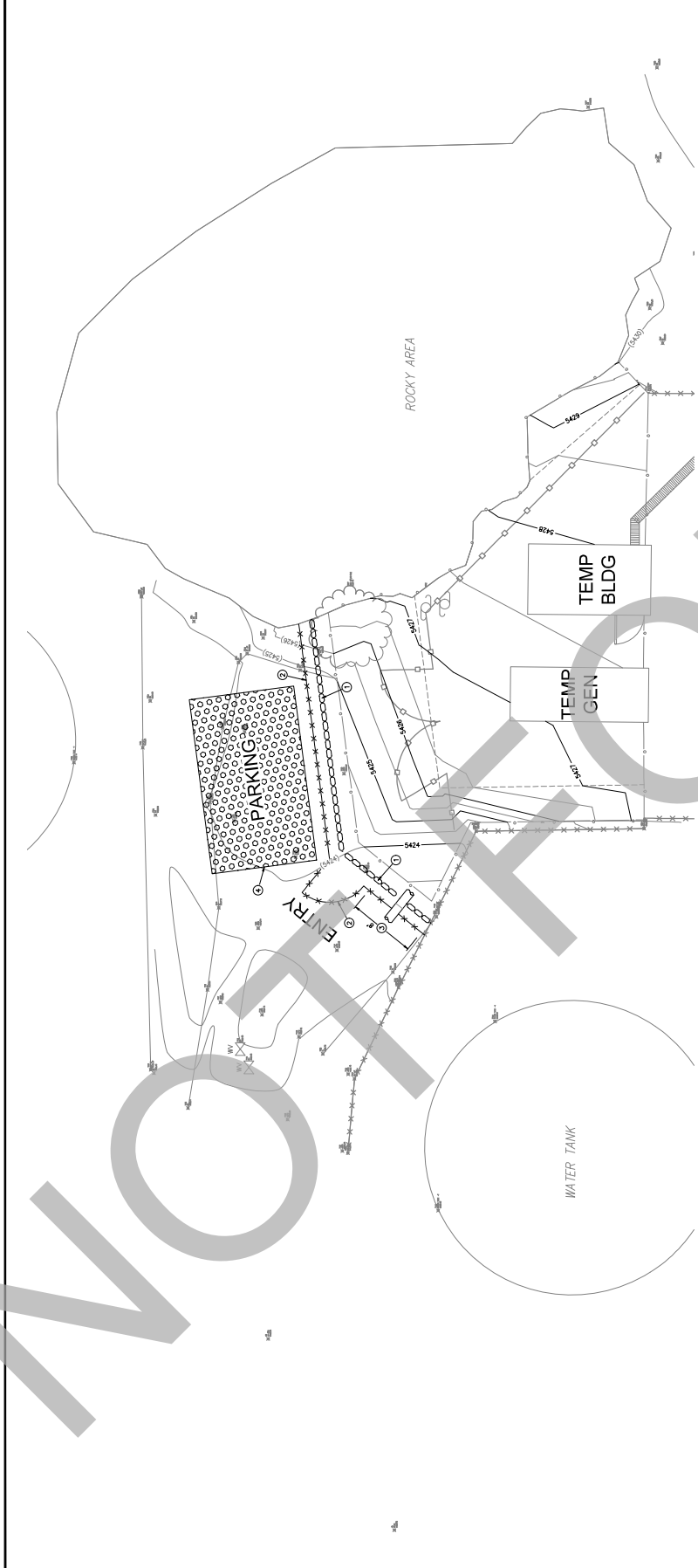




ISSUE	MARK	DATE	DESCRIPTION
	W/2020	10/06/20	ISSUED FOR PERMIT
	W/2020	10/06/20	ISSUED FOR PERMIT
	W/2020	10/06/20	ISSUED FOR PERMIT

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 AFTER THE DEMOLITION PROCESS IS COMPLETE. THE DEMOLITION OPERATOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL DEMOLITION DEBRIS. LONGER REQUIRED.
- ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS OF DEMOLITION. THE DEMOLITION OPERATOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL DEMOLITION DEBRIS.
- 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 THE SITE.
- STORM WATER POLLUTION DEVICES ARE TO BE MODIFIED, AS NEEDED, TO ACCOMMODATE THE DEMOLITION PROCESS. THE FIELD ENGINEER SHALL BE RESPONSIBLE FOR THE PROPER MODIFICATION OF THESE DEVICES. ANY CHANGES MUST BE SUBMITTED FOR APPROVAL PRIOR TO DEMOLITION.
- EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE ESCORTAGE OF NON-STORM WATER FROM THE PROJECT SITE AT ALL TIMES.
- POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE DISPOSED OFF-SITE. POLLUTANTS MUST BE STORED IN A SECURE, COVERED AREA. POLLUTANTS MUST BE STORED IN A SECURE, COVERED AREA. POLLUTANTS MUST BE STORED IN A SECURE, COVERED AREA.
- CONTRACTORS ARE RESPONSIBLE TO INSPECT THAT ALL BMPs ARE MAINTAINED THROUGHOUT THE DEMOLITION PROCESS. AFTER THE DEMOLITION PROCESS IS COMPLETE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs.
- ALL THIS AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs.
- A STANDBY EMPLOYEE SHALL BE AVAILABLE AT ALL TIMES DURING DEMOLITION TO ASSIST WITH THE PROPER MAINTENANCE OF ALL BMPs. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs.

STORM WATER POLLUTION CONTROL

- CONSTRUCTION ACTIVITIES INCLUDING CONSTRUCTION, CLEANING, GRADING OR EXCAVATION THAT RESULT IN DISTURBED AREAS SHALL BE CONSIDERED TO BE A SOURCE OF POLLUTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs.
- STORM WATER POLLUTION DEVICES ARE TO BE MODIFIED, AS NEEDED, TO ACCOMMODATE THE DEMOLITION PROCESS. THE FIELD ENGINEER SHALL BE RESPONSIBLE FOR THE PROPER MODIFICATION OF THESE DEVICES. ANY CHANGES MUST BE SUBMITTED FOR APPROVAL PRIOR TO DEMOLITION.
- EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE ESCORTAGE OF NON-STORM WATER FROM THE PROJECT SITE AT ALL TIMES.
- POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE DISPOSED OFF-SITE. POLLUTANTS MUST BE STORED IN A SECURE, COVERED AREA. POLLUTANTS MUST BE STORED IN A SECURE, COVERED AREA. POLLUTANTS MUST BE STORED IN A SECURE, COVERED AREA.
- CONTRACTORS ARE RESPONSIBLE TO INSPECT THAT ALL BMPs ARE MAINTAINED THROUGHOUT THE DEMOLITION PROCESS. AFTER THE DEMOLITION PROCESS IS COMPLETE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs.
- ALL THIS AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs.
- A STANDBY EMPLOYEE SHALL BE AVAILABLE AT ALL TIMES DURING DEMOLITION TO ASSIST WITH THE PROPER MAINTENANCE OF ALL BMPs. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL BMPs.

BEST MANAGEMENT PRACTICE NOTES

- EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORMWATER FROM THE PROJECT SITE AT ALL TIMES.
- EROSION CONTROL DEVICES SHOWN ON THE PLAN MAY BE REMOVED AFTER THE DEMOLITION PROCESS IS COMPLETE. THE DEMOLITION OPERATOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL DEMOLITION DEBRIS. LONGER REQUIRED.
- ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS OF DEMOLITION. THE DEMOLITION OPERATOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL DEMOLITION DEBRIS.
- 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 THE SITE.
- STORM WATER POLLUTION DEVICES ARE TO BE MODIFIED, AS NEEDED, TO ACCOMMODATE THE DEMOLITION PROCESS. THE FIELD ENGINEER SHALL BE RESPONSIBLE FOR THE PROPER MODIFICATION OF THESE DEVICES. ANY CHANGES MUST BE SUBMITTED FOR APPROVAL PRIOR TO DEMOLITION.
- EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE ESCORTAGE OF NON-STORM WATER FROM THE PROJECT SITE AT ALL TIMES.
- POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE DISPOSED OFF-SITE. POLLUTANTS MUST BE STORED IN A SECURE, COVERED AREA. POLLUTANTS MUST BE STORED IN A SECURE, COVERED AREA. POLLUTANTS MUST BE STORED IN A SECURE, COVERED AREA.
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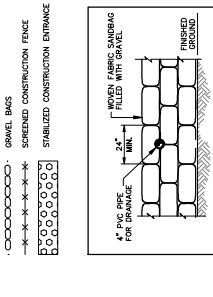
EROSION CONTROL KEY NOTES

- 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 CASQA BMP MANUAL

NOTE TO CONTRACTOR

- AS REFERRED TO IN THE CASQA BMP MANUAL
- FOR SPALL PREVENTION AND CONTROLS REFER TO W-4 OF CASQA 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 CASQA BMP MANUAL, MAY BE REQUIRED DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DETERMINED APPROPRIATE BY THE PROJECT ENGINEER OR THE BUILDING OFFICIAL)



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10.10.1237
800MHz UPGRADE
SKYLAND PEAK
TOWER

ISSUE	MARK	DATE	DESCRIPTION
		10/10/2017	ISSUE CD
		10/10/2017	ISSUE CD
		10/10/2017	ISSUE CD
		10/10/2017	ISSUE CD
		10/10/2017	ISSUE CD
		10/10/2017	ISSUE CD
		10/10/2017	ISSUE CD
		10/10/2017	ISSUE CD
		10/10/2017	ISSUE CD
		10/10/2017	ISSUE CD

DATE PROJECT NO:	2/08/2014
DATE PREPARED:	12/21/2017
DATE DRAWN BY:	AC
CHECKED BY:	AC
APPROVED BY:	AC

SHEET TITLE
ARCHITECTURAL GATE PLAN PHASE 0 - DEMO

SCALE:	AS SHOWN
THIS DRAWING IS NOT A PART OF FULL SIZE	

AD-11

- GENERAL NOTES**
- DEMOLISH ALL EXISTING STRUCTURES TO BE REMOVED.
 - DEMOLITION SHALL BE COMPLETED BY 12/31/2017. ALL EXISTING STRUCTURES SHALL BE DEMOLISHED AND THE SITE SHALL BE RESTORED TO ORIGINAL CONDITIONS. ALL DEMOLITION SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME AND SHALL BE SUBJECT TO LOCAL AND STATE REGULATIONS. ALL DEMOLITION SHALL BE SUBJECT TO THE REQUIREMENTS OF THE CALIFORNIA DEMOLITION ACT (CALIFORNIA PUBLIC LAW 2013-001).
 - OBTAIN A DEMOLITION PERMIT FROM THE LOCAL JURISDICTION AND OBTAIN A DEMOLITION PLAN FROM THE CALIFORNIA DEMOLITION BOARD.
 - REMOVE ALL EXISTING STRUCTURES INCLUDING AND UP TO 10 FEET BELOW FINISH GRADE INCLUDING AND UP TO 10 FEET BEYOND STRUCTURES.
 - REMOVE ALL EXISTING FOUNDATIONS AND SUPPORTS AND PROVIDE A DEMOLITION PLAN FROM THE CALIFORNIA DEMOLITION BOARD.
 - REMOVE ALL EXISTING FOUNDATIONS AND SUPPORTS AND PROVIDE A DEMOLITION PLAN FROM THE CALIFORNIA DEMOLITION BOARD.
 - DO NOT DEMOLISH OR IMPACT EXISTING FIELD AND FENCES.

- REFERENCE SHEET NOTES**
- REMOVE ALL EXISTING FOUNDATIONS AND SUPPORTS AND PROVIDE A DEMOLITION PLAN FROM THE CALIFORNIA DEMOLITION BOARD.
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