

 **Real Estate
Assets**
City Consent Application

For installation / modification of Telecommunication antenna facility on City owned property

7/3/2018

Date

The City of San Diego
Real Estate Assets Department
1200 Third Avenue, Suite 1700
San Diego, California 92101

RE: Site Name: Seaworld San Diego Project # 607687
Site Address: 500 Seaworld Drive San Diego, San Diego (the "Property")
Agreement: Agreement dated 7/3/2018 (the "agreement") between The City of San Diego ("City") and _____, ("Lessee" or "Permittee").

Aurora Jimenez/ Crown Castle is seeking Consent from the City to perform the following to the above referenced site:

- ☒ Modify, upgrade or changes to existing equipment or Site as describe in the attached plans / photos.
- ☐ Installation of a New Wireless Communication Facility on City owned property.
- ☐ Apply for new Permit/New Agreement on existing facility – **NO** modifications or changes to Existing equipment or site.

Describe proposed project below:

Revise existing approved project #607687 See attached project description.

Real Estate Assets

SEAWORLD PARKS & ENTERTAINMENT

July 3, 2018

Enza Charles
Supervising Property Agent
City of San Diego
Real Estate Assets – Telecommunication Division
1200 Third Avenue, Suite 1700
San Diego, CA 92101

To Whom It May Concern:

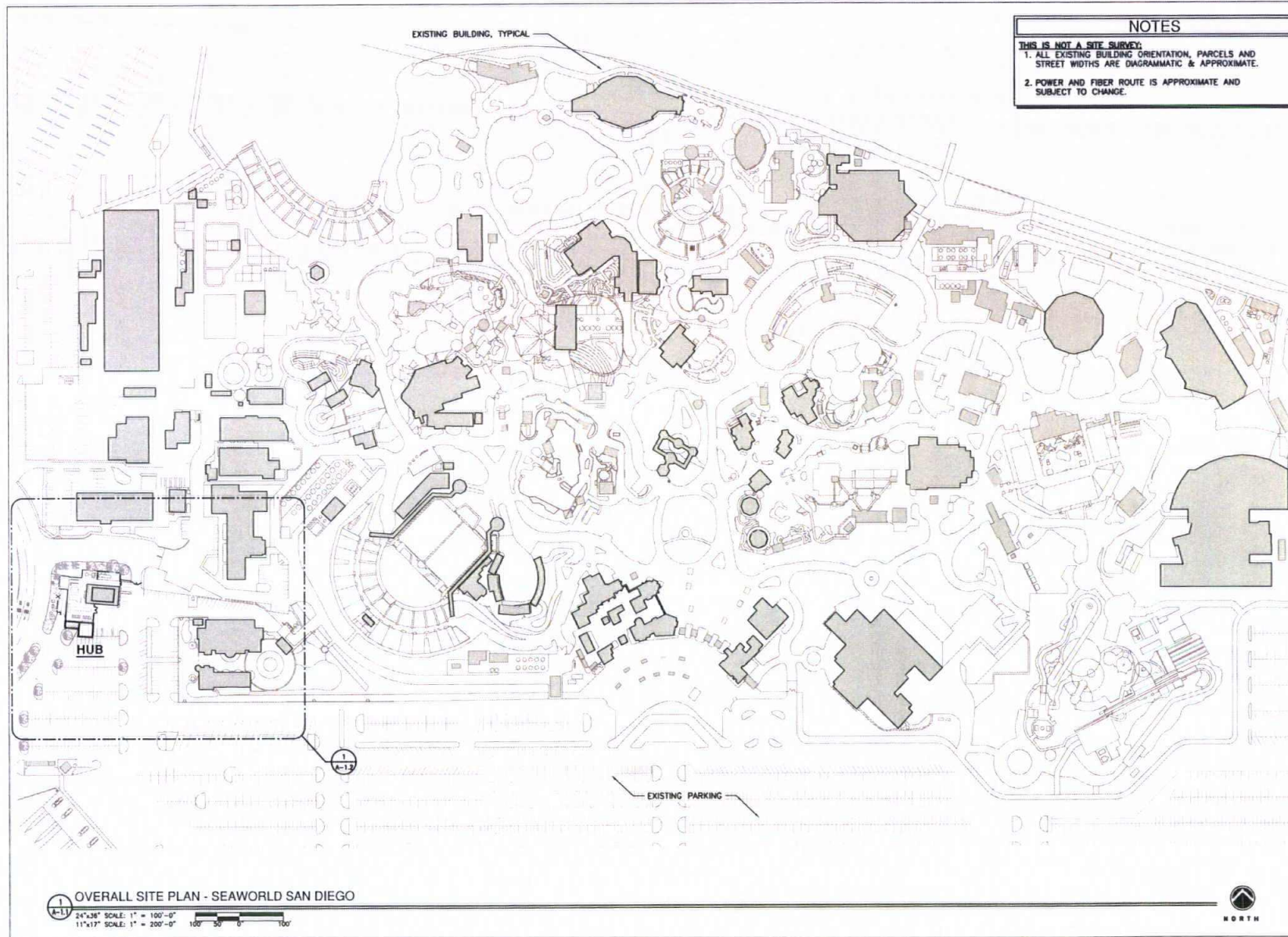
Please accept this letter as formal consent from Sea World LLC to authorize permission for Crown Castle Solutions Corp. to make the following modifications to the existing DAS Node projects, located at 500 Sea World Drive, San Diego, CA 92109:

- No changes on HUB
- Node 1: equipment pad changed to 4'-0" x 9'-0". Removed transformer. Changed circuit breaker feeding equipment from 50A to 100A. Screen size changed. Added (1) BBU and (3) RRUs.
- Node 2: equipment pad changed to 4'-0" x 9'-0". Added (2) BBU cabinets and (5) RRUs. Revised SLD, install new 100a/3p, instead of reusing existing 70A/3P.
- Node 3: equipment pad changed to 4'-0" x 9'-0". Added (2) BBU cabinets and (5) RRUs.
- Node 4: equipment pad moved east. Equipment pad changed to 4'-0" x 9'-0". Added (2) BBU, (5) RRUs and fence.
- Node 5a: added (2) BBUs and (5) RRUs. screen size changed
- Node 5b screen size changed and added (3) RRUs
- Node 6: added (2) BBUs and (5) RRUs. revised electrical conduit path from existing panel 'DP254' to "pole to pole" building
- Node 7: equipment moved south. Equipment pad changed to 4'-0" x 9'-0". Added (2) BBUs, (5) RRUs and CMU block wall.
- Node 8a: equipment moved south. Equipment pad changed to 4'-0" x 9'-0". Added (1) BBU and (3) RRUs.
- Node 8b: equipment pad changed to 4'-0" x 9'-0". Added (1) BBU and (3) RRUs.
- Node 9: equipment pad changed to 4'-0" x 9'-0". Added (2) BBUs and (5) RRUs. Added wood fence/screen.

For any questions or concerns regarding this project, please contact Jim Potter at (619) 266-3987 or james.potter@seaworld.com, or SeaWorld San Diego Contract Administration at the contact information below.

Respectfully,

Contract Administration
Sea World LLC d/b/a SeaWorld San Diego
500 Sea World Drive
San Diego, CA 92109
Phone: (619) 225-4202
E-mail: SWC-ContractAdministration@seaworld.com



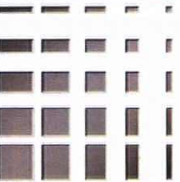
NOTES

- THIS IS NOT A SITE SURVEY.**
1. ALL EXISTING BUILDING ORIENTATION, PARCELS AND STREET WIDTHS ARE DIAGRAMMATIC & APPROXIMATE.
 2. POWER AND FIBER ROUTE IS APPROXIMATE AND SUBJECT TO CHANGE.



CROWN CASTLE

"CROWN DOES THE WORK"



KDC

ARCHITECTS/ENGINEERS, P.C.
3400 S. OCEAVE ST. SUITE 1000
GREENWOOD VILLAGE, COLORADO 80111
PHONE: 303.750.8993

KDC PROJECT NUMBER:
245001 003

DRAWN BY: KDC CHECKED BY:

REV. DATE ISSUED FOR
0 10.31.2016 CONSTRUCTION - PERMIT



SITE INFORMATION:

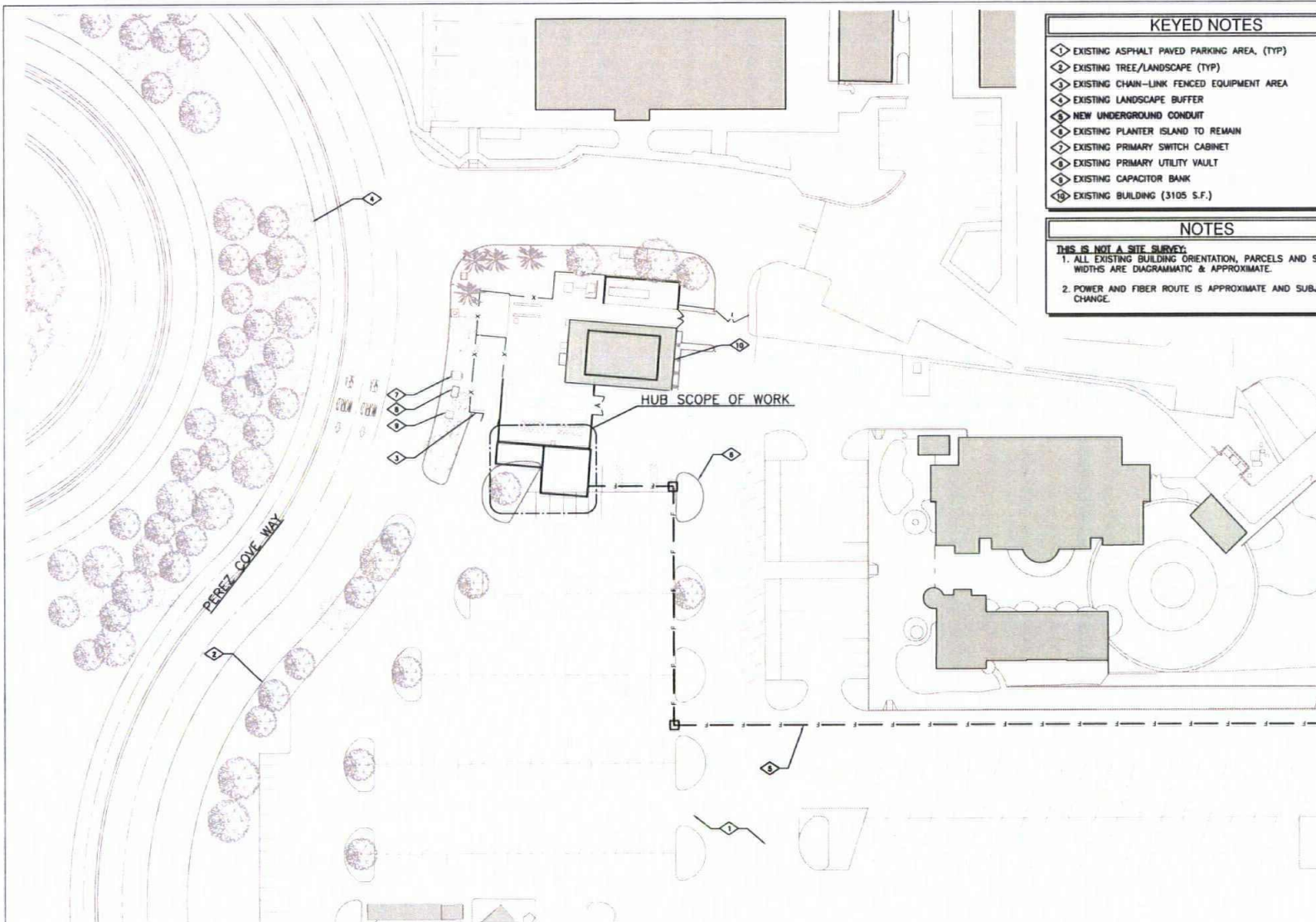
SITE NAME:
**SEAWORLD
SAN DIEGO**
SITE ADDRESS:
500 SEA WORLD DRIVE
SAN DIEGO, CA, 92109

SHEET TITLE:

OVERALL SITE PLAN

SHEET NUMBER:

A-1.1



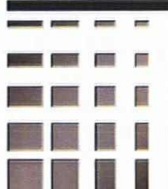
- ### KEYED NOTES
- ① EXISTING ASPHALT PAVED PARKING AREA, (TYP)
 - ② EXISTING TREE/LANDSCAPE (TYP)
 - ③ EXISTING CHAIN-LINK FENCED EQUIPMENT AREA
 - ④ EXISTING LANDSCAPE BUFFER
 - ⑤ NEW UNDERGROUND CONDUIT
 - ⑥ EXISTING PLANTER ISLAND TO REMAIN
 - ⑦ EXISTING PRIMARY SWITCH CABINET
 - ⑧ EXISTING PRIMARY UTILITY VAULT
 - ⑨ EXISTING CAPACITOR BANK
 - ⑩ EXISTING BUILDING (3105 S.F.)

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CROWN CASTLE
 "CROWN DOES THE WORK"



KDC
 ARCHITECT/ENGINEER, P.C.
 1500 S. QUEBEC ST. SUITE 1000
 GREENWOOD VILLAGE, COLORADO 80111
 PHONE: 303.755.8959

KDC PROJECT NUMBER:	
245001.003	
DRAWN BY:	CHECKED BY:
SP	HC
REV. DATE	ISSUED FOR:
0	10-21-2018 CONSTRUCTION-PERMIT



SITE INFORMATION:
 SITE NAME:
SEAWORLD
SAN DIEGO
 SITE ADDRESS:
 500 SEA WORLD DRIVE
 SAN DIEGO, CA 92109
 SHEET TITLE:

ENLARGED OVERALL
 SITE PLAN

SHEET NUMBER:

A-1.2

ENLARGED OVERALL SITE PLAN
 24"x36" SCALE: 1/32" = 1'-0"
 11"x17" SCALE: 1/64" = 1'-0"
 32' 24' 18' 0' 32'



LANDSCAPE NOTES

PROJECT IS NOT PROPOSING ANY NEW LANDSCAPING NOR DISPLACING ANY EXISTING LANDSCAPING. PER CONDITIONS 15 AND 16 OF MUP NO. 1697348 AND NDP NO. 1697348, IF EXISTING LANDSCAPING IS DAMAGED OR REMOVED, THEN REPLACEMENT OF A SIMILAR SIZE AND SPECIES SHALL BE PLANTED TO THE SATISFACTION OF THE DEVELOPMENT SERVICES DEPARTMENT, TO PROTECT EXISTING VEGETATION WITHIN THE LIMIT OF WORK. EXISTING TREES TO REMAIN ON SITE WITHIN THE AREA OF WORK WILL BE PROTECTED IN PLACE. THE FOLLOWING PROTECTION MEASURES WILL BE PROVIDED:

1. A BRIGHT YELLOW OR ORANGE TEMPORARY FENCE WILL BE PLACED AROUND EXISTING TREES AT THE DRIP LINE.
2. STOCKPILING, TOPSOIL DISTURBANCE, VEHICLE USE AND MATERIAL STORAGE OF ANY KIND IS PROHIBITED WITHIN THE DRIP LINE.
3. A TREE WATERING SCHEDULE WILL BE MAINTAINED AND DOCUMENTED DURING CONSTRUCTION.
4. ALL DAMAGED TREES WILL BE REPLACED WITH ONE OF EQUAL OR GREATER SIZE. COORDINATE LANDSCAPING WITH SEAWORLD REPRESENTATIVE.

EARTHWORK QUANTITIES

CONCRETE PAD:
CUT QUANTITIES: 56.2 CY
FILL QUANTITIES: 28.1 CY
IMPORT/EXPORT: 28.1 CY
MAX CUT DEPTH: 1.0 FT
MAX FILL DEPTH: 0.5 FT

THE PROJECT PROPOSES TO EXPORT 56.2 CUBIC YARDS OF MATERIAL FROM THIS SITE. ALL EXPORT MATERIAL SHALL BE DISCHARGED TO A LEGAL DISPOSAL SITE. THE APPROVAL OF THIS PROJECT DOES NOT ALLOW PROCESSING AND SALE OF THE MATERIAL. ALL SUCH ACTIVITIES REQUIRE A SEPARATE CONDITIONAL USE PERMIT.

KEYED NOTES

1. EXISTING HVAC UNIT (TYPICAL)
2. EXISTING 6'-0" HIGH CONCRETE WALL (8"x8"x16" CMU CONSTRUCTION)
3. EXISTING ACCESS GATE TO MECHANICAL YARD
4. NEW CONCRETE SPLASH BLOCK (TYP)
5. EXISTING PAVED ASPHALT PARKING LOT
6. NEW THROUGH WALL SCUPPERS & DOWN SPOUTS (2 TOTAL), RE: DETAIL 1/A-5.1
7. NEW EXHAUST FAN HOOD, RE: MECHANICAL
8. NEW CONCRETE STOOP, W/ MAX RISER OF 7" AND TREAD IF REQUIRED OF 11", RE: STRUCTURAL
9. EXISTING CMU FENCE TO REMAIN AS IS. PROTECT DURING CONSTRUCTION. OPTION 2 - CONTRACTOR TO REMOVE EXISTING WALL AND REBUILD NEW FENCE WALL TO MATCH EXISTING. OPTION 3 - SEE APPROVAL AND COORDINATION WITH CROWN CASTLE AND SEAWORLD REPRESENTATIVES PRIOR TO CONSTRUCTION START.
10. EXISTING LANDSCAPING
11. EXISTING PLANTER ISLAND TO BE MOVED
12. NEW PLANTER CURB TO TIE INTO EXISTING PLANTER ISLAND, RE: DETAIL 2/A-5.3
13. EXISTING PARKING SPACES TO REMAIN
14. NEW BOLLARD PIER FOUNDATION (TYPICAL), RE: DETAIL 4/A-5.3
15. NEW BOLLARD PLATE MOUNTED (TYPICAL), RE: DETAIL 4/A-5.3
16. NEW 6'-0" x 6'-0" "NO PARKING" DESIGNATION IN FRONT OF CONCRETE STOOP, TRAFFIC PAINT PER LOCAL JURISDICTION
17. EXISTING CHAIN LINK FENCE W/ BARBED WIRE
18. NEW TRANSFORMER ON CONCRETE PAD, RE: ELECTRICAL AND STRUCTURAL
19. NEW ELECTRICAL DISTRIBUTION PANEL FOR WALL PENETRATION, RE: DETAIL 3/A-5.4 AND ELECTRICAL
20. NEW UNDERGROUND ELECTRICAL ROUTE FROM EXISTING PRIMARY UTILITY VAULT TO NEW TRANSFORMER, RE: ELECTRICAL
21. NEW UNDERGROUND ELECTRICAL ROUTE FROM NEW TRANSFORMER TO NEW CT COMPARTMENT, RE: ELECTRICAL
22. NEW CT COMPARTMENT AND UTILITY METER, RE: ELECTRICAL
23. NEW FIBER PULL BOX, RE: ELECTRICAL
24. NEW WALL MOUNTED LIGHTING SHALL CONFORM TO LOCAL ORDINANCES OF JURISDICTION, RE: ELECTRICAL
25. NEW ROOF ACCESS LADDER, RE: DETAIL 1/A-5.4
26. NEW U.G. FIBER OPTIC ROUTE ENCLOSED IN 4" CONDUIT TO BUILDING FLOOR FORT, RE: ELECTRICAL
27. NEW ROOF TOP HVAC UNITS, RE: MECHANICAL
28. NEW CONDENSATE DRYWELL, RE: DETAIL 2/M-3.2
29. NEW 6'-0" WHEEL STOP, RE: DETAIL 2/A-5.0

NOTES

SITE NOTES:

1. THIS IS NOT A SITE SURVEY. ALL EXISTING BUILDING ORIENTATION, PARCELS AND STREET WIDTHS ARE DIAGRAMMATIC & APPROXIMATE. POWER AND FIBER ROUTE IS APPROXIMATE AND SUBJECT TO CHANGE.
2. WET UTILITIES INCLUDING FIRE HYDRANTS, STAND PIPES, ABOVE GROUND WATER METERS, BACK FLOW VALVES AND OTHER ABOVE GROUND WET UTILITY EQUIPMENT SHALL BE A MIN. 3 FEET FROM PAD MOUNTED SDG & E FACILITIES AND 8 FEET FOR THE WORK SPACE.

ENGINEERING NOTES:

1. IF REQUIRED, PRIOR TO THE ISSUANCE OF ANY CONSTRUCTION PERMIT THE OWNER/PERMITTED SHALL SUBMIT A WATER POLLUTION CONTROL PLAN (WPCP). THE WPCP SHALL BE PREPARED IN ACCORDANCE WITH THE GUIDELINES IN PART 2 CONSTRUCTION BMP STANDARDS CHAPTER 4 OF THE CITY'S STORM WATER STANDARDS.
2. SCOPE OF WORK FOR THIS PROJECT DOES NOT INCLUDE ANY WORK IN PUBLIC RIGHT OF WAY OR IN ANY PUBLIC EASEMENT.

CROWN CASTLE

CROWN CASTLE

"WHO DOES THE WORK"



KDC
ARCHITECTS ENGINEERS, P.C.
5400 S. QUINCY ST., SUITE 1000
GREENWOOD VILLAGE, COLORADO 80111
PHONE: 303.750.6999

DATE	BY	REVISION
10-31-2018	CONSTRUCTION - PERMIT	



SITE INFORMATION:
SITE NAME:
SEAWORLD
SAN DIEGO
SITE ADDRESS:
500 SEA WORLD DRIVE
SAN DIEGO, CA 92109
SHEET TITLE:

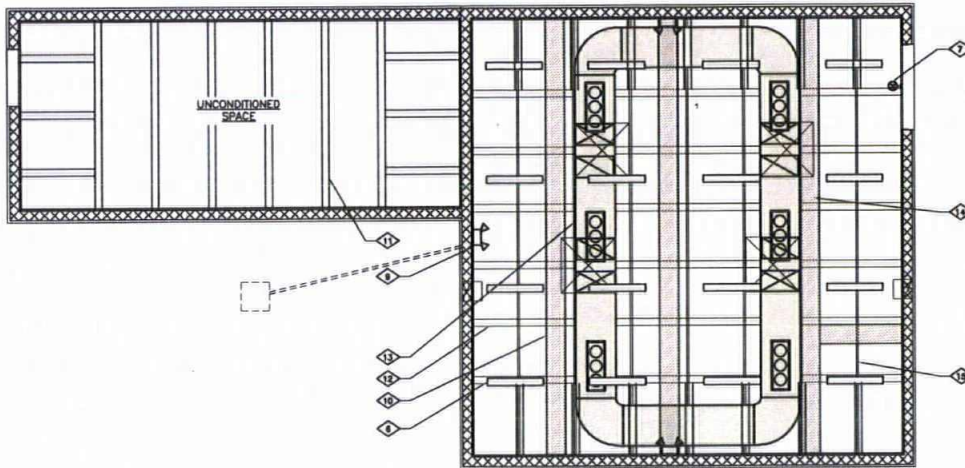
NEW SITE PLAN

SHEET NUMBER:

A-1.4

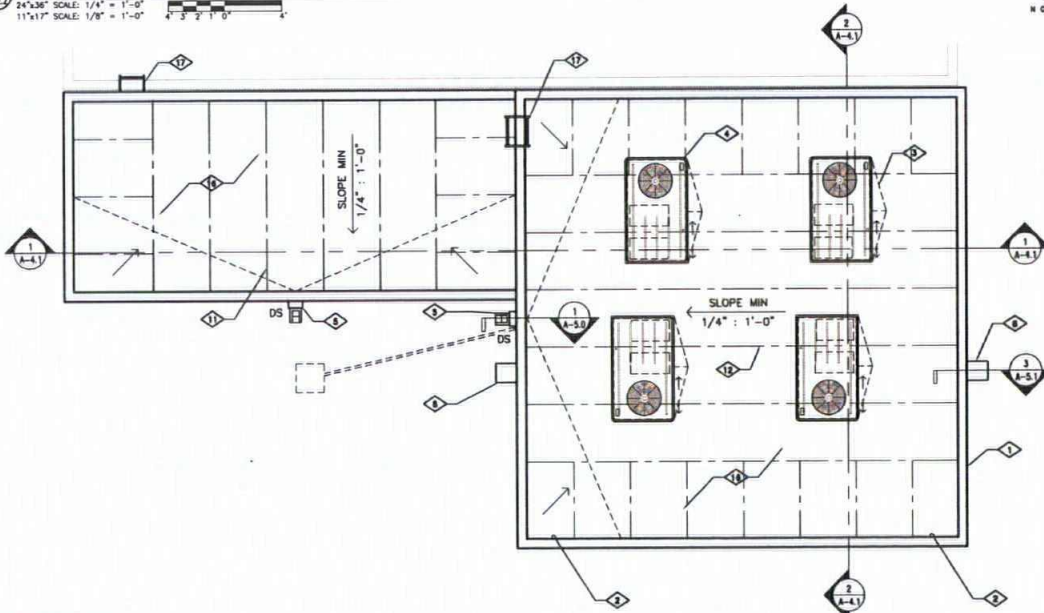


NEW SITE PLAN
24'-0" SCALE 3/16" = 1'-0"
11'-0" SCALE 3/32" = 1'-0"



1 REFLECTED CEILING PLAN

24'x36' SCALE: 1/4" = 1'-0"
11'x17' SCALE: 1/8" = 1'-0"



1 ROOF PLAN

24'x36' SCALE: 1/4" = 1'-0"
11'x17' SCALE: 1/8" = 1'-0"

KEYED NOTES

- 1 NEW PARAPET WALL
- 2 NEW (2) GPS ANTENNA MOUNTED ON NEW GAS HUB EQUIPMENT BUILDING PARAPET WALL, RE: DETAIL 6/A-5.3
- 3 NEW CRICKET INSULATION AT ROOF TOP UNIT, SLOPE 1/2" PER FT. MIN.
- 4 NEW ROOF TOP UNIT, RE: MECHANICAL
- 5 NEW THROUGH WALL SCUPPERS & DOWN SPOUTS (TYP)
- 6 NEW LIGHTING MOUNTED TO UNISTRUT/JOIST ABOVE (TYPICAL), RE: ELECTRICAL
- 7 NEW EXIT SIGNAGE, RE: ELECTRICAL
- 8 NEW (2) 16" EXHAUST FAN WEATHER HOOD, RE: MECHANICAL
- 9 NEW EMERGENCY LIGHTING, RE: ELECTRICAL
- 10 NEW UNISTRUT/JOIST MOUNTED CABLE TRAY, RE: DETAIL 1/A-5.3
- 11 NEW OPEN WEB JOIST (TYP.), RE: STRUCTURAL
- 12 NEW OPEN WEB JOIST (TYPICAL) PRIME AND PAINT 2 COATS, RE: STRUCTURAL
- 13 NEW HVAC DUCT WORK, RE: MECHANICAL
- 14 NEW ROOF OPENING FOR HVAC UNITS, RE: STRUCTURAL & MECHANICAL
- 15 NEW UNISTRUT @ 4'-0" O.C. MOUNTED PERPENDICULAR TO JOIST FORMING A GRID, RE: STRUCTURAL
- 16 NEW FULLY ADHERED EPDM MEMBRANE ROOFING SYSTEM OVER 5/8" EXTERIOR GRADE CDX SHEATHING AND TAPERED INSULATION. SLOPE TOWARD DOWNSPOUTS. EPDM COLOR WHITE, RE: SPECIFICATIONS
- 17 NEW ROOF ACCESS LADDER

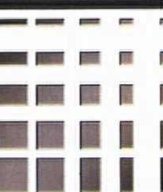
LEGEND

- STRIP LIGHT
- EXTERIOR LIGHT
- EMERGENCY LIGHT
- EXIT SIGN



CROWN CASTLE

"CROWN DOES THE WORK"



KDC
ARCHITECTS/ENGINEERS, P.C.
5405 S. QUEBEC ST. SUITE 1000
GREENWOOD VILLAGE, COLORADO 80111
PHONE: 303.750.6599

KDC PROJECT NUMBER:
249001.003

DRAWN BY: 10
CHECKED BY: 40

REV. DATE ISSUED FOR
0 10.31.2014 CONSTRUCTION - POINT



SITE INFORMATION:

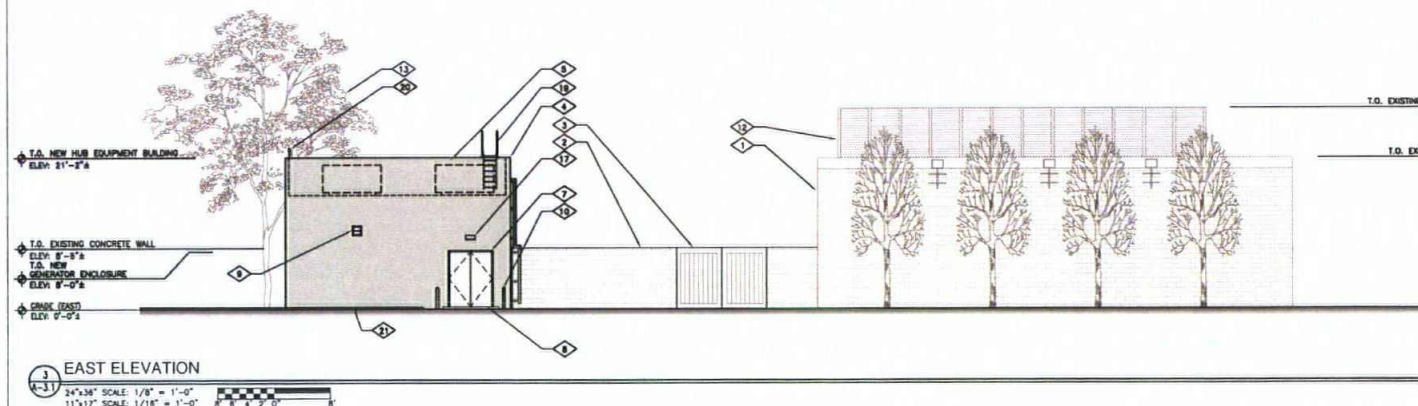
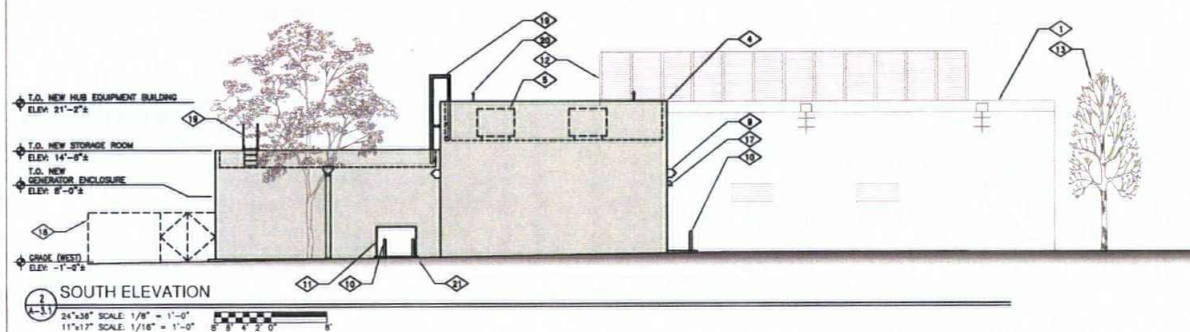
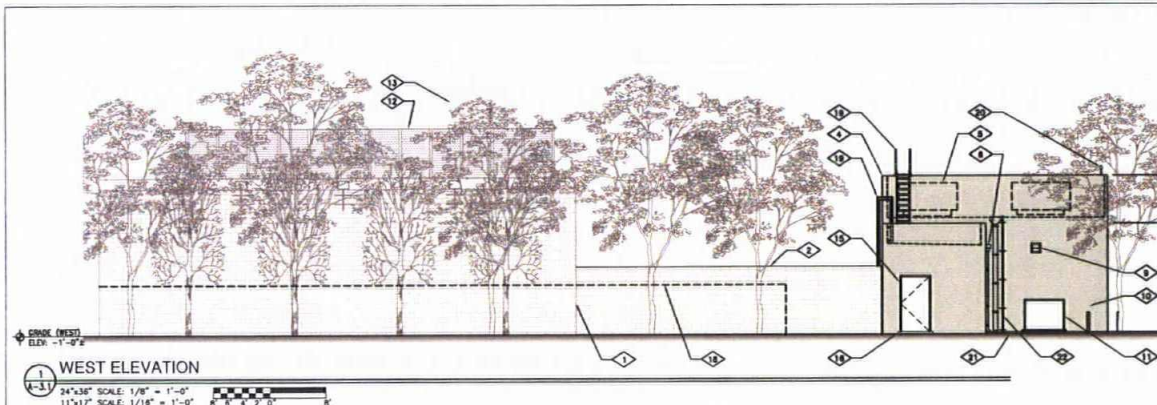
SITE NAME:
**SEAWORLD
SAN DIEGO**
SITE ADDRESS:
500 SEA WORLD DRIVE
SAN DIEGO, CA 92109

SHEET TITLE:

REFLECTED CEILING
PLAN AND ROOF PLAN

SHEET NUMBER:

A-2.2

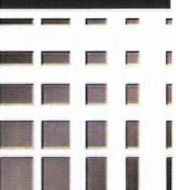


KEYED NOTES	
1	EXISTING BUILDING
2	EXISTING 8'-6" CMU WALL
3	EXISTING DOUBLE SWING GATE
4	NEW DAS HUB EQUIPMENT BUILDING, PAINT AND FINISH TO MATCH EXISTING BUILDING ON SITE. CONFIRM AND COORDINATE WITH SEAWORLD PRIOR TO CONSTRUCTION
5	NEW ROOF TOP UNITS, LOCATED BEHIND PARAPET WALL
6	NEW THROUGH WALL SCUPPERS & DOWN SPOUTS
7	NEW DOUBLE SWING DOOR AND FRAME
8	NEW 4'-0" X 8'-0" CONCRETE STOOP
9	NEW EXHAUST FAN WEATHERHOOD
10	NEW BOLLARD (TYP)
11	NEW PAD MOUNTED TRANSFORMER
12	EXISTING SCREEN WALL
13	EXISTING TREE (TYPICAL)
14	NOT USED
15	NEW SINGLE SWING DOOR AND FRAME
16	NEW 4'-0" X 8'-0" CONCRETE STOOP
17	NEW WALL MOUNTED LIGHTING
18	EXISTING 6' HIGH CHAIN LINK FENCE W/ BARBED WIRE
19	NEW ROOF ACCESS LADDER
20	NEW (2) GPS MOUNTED TO PARAPET WALL
21	NEW PLANTER CURB
22	NEW CONDENSATE PIPE/DRAINPIPE TO DRYWELL, RE: DETAIL 3/4-3.2

NOTES	
THIS DRAWING IS FOR COORDINATION PURPOSES ONLY.	



CROWN CASTLE
 "NO MAN DOES THE WORK"



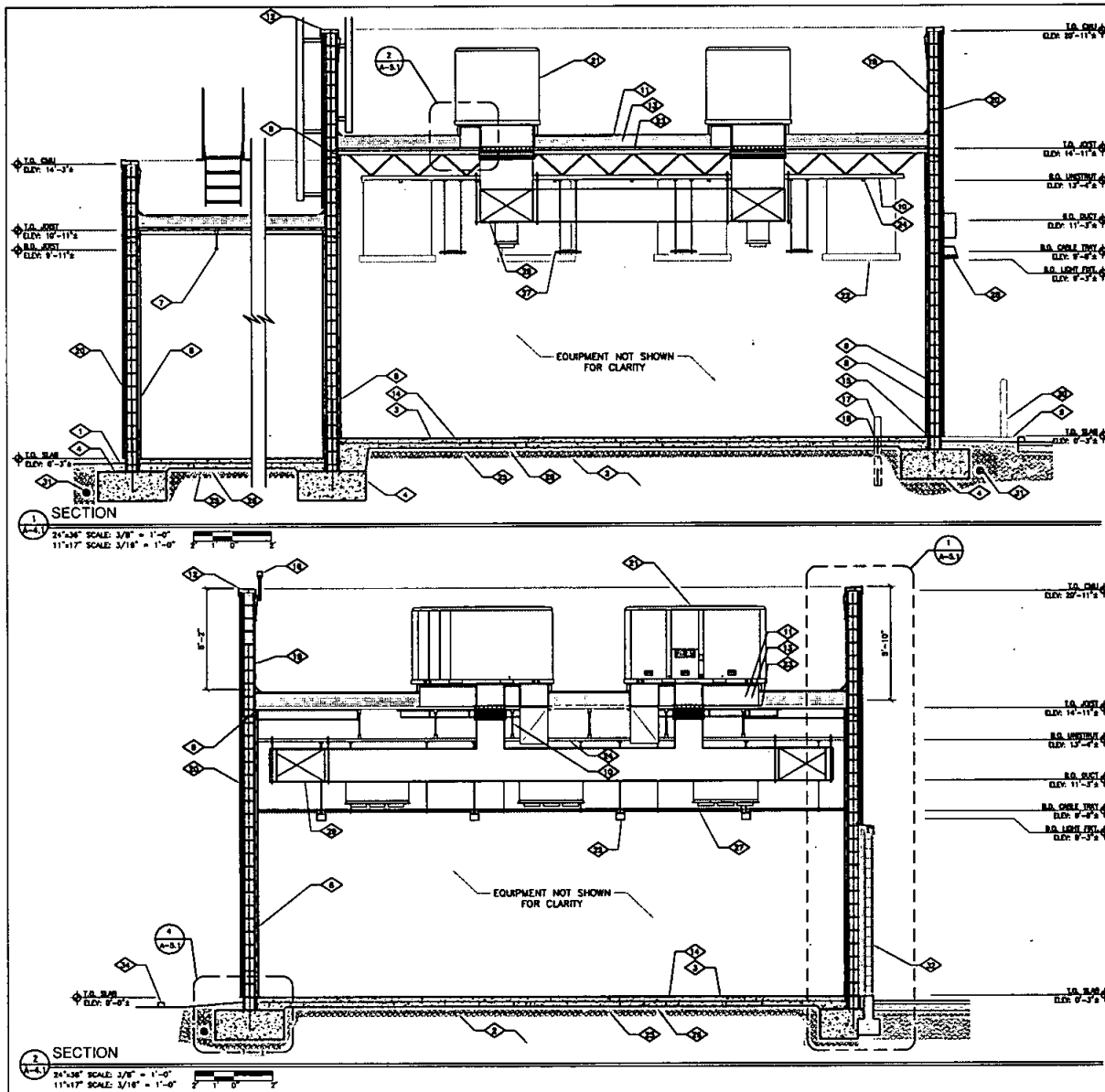
KDC	
ARCHITECTS/ENGINEERS, P.C. 3000 N. DUBUQUE ST., SUITE 1000 GREENWOOD VILLAGE, COLORADO 80111 PHONE: 303.776.6593	
KDC PROJECT NUMBER 240001.003	
DRAWN BY: SP	CHECKED BY: MC
REV. DATE	ISSUED FOR
0 10-31-2016	CONSTRUCTION-PERMIT



SITE INFORMATION:
 SITE NAME:
SEAWORLD SAN DIEGO
 SITE ADDRESS:
 500 SEA WORLD DRIVE
 SAN DIEGO, CA, 92109

SHEET TITLE:
 EXTERIOR ELEVATIONS

SHEET NUMBER:
A-3.1



KEYED NOTES

- 1 FINISH GRADE TO SLOPE AWAY FROM BUILDING, 3'-0" MIN ALL SIDES 1" MIN.
- 2 EXCAVATE MIN. 12" TOP SOIL FOR CONCRETE WORKS. ALL CONCRETE CONSTRUCTION AND BACKFILL AS FOLLOWS: ANY SOIL DISTURBED ADJACENT TO BEARING FOUNDATION COMPONENTS SHALL BE RE-COMPACTED TO A MINIMUM OF 95% MODIFIED PROCTOR DENSITY. SOIL SUPPORTING CONCRETE SLABS SHALL BE COMPACTED TO 95% MODIFIED PROCTOR DENSITY. MECHANICAL COMPACTION METHODS SHALL BE UTILIZED. WATER FLOODING TECHNIQUES ARE PROHIBITED. RE: STRUCTURAL AND SOILS REPORT
- 3 8" CONCRETE SLAB SMOOTH TROWELED SLAB FINISH, CURING COMPOUND AND SEALER, RE: STRUCTURAL
- 4 CONCRETE FOUNDATION FOOTING AND REINFORCING, RE: STRUCTURAL AND SOILS REPORT
- 5 CONCRETE ENTRY STOOP 4'-0"X 8'-0" NOMINAL WITH MAX RISER OF 2" AND 6" REQUIRED, TREAD OF 11", RE: STRUCTURAL
- 6 8" CMU WALL, PROVIDE 1 COAT OF EXTERIOR GRADE WATERPROOFING SOLUTION, RE: STRUCTURAL
- 7 OPEN WEB JOIST, RE: STRUCTURAL
- 8 NEW 5/8" TYPE "X" GYP BOARD ON 1" 20 GA Z FURRING, INFILL WITH POLYSTYRENEURETATE, PRIME AND PAINT 2 COATS. WALL RATED PER UL-L14
- 9 CONTINUOUS ANGLE BOLTED TO CHU, RE: STRUCTURAL
- 10 OPEN WEB JOIST, PRIME AND PAINT (2 COATS), RE: STRUCTURAL
- 11 FULLY ADHERED EPDM MEMBRANE ROOFING SYSTEM OVER 5/8" EXTERIOR GRADE CDX SHEATHING, EPDM COLOR WHITE, RE: SPECIFICATIONS
- 12 CONTINUOUS 20 GA GALVANIZED METAL COPING ON PARAPET TO MATCH NEW EQUIPMENT BUILDING, COORDINATE WITH SEAWORLD REPRESENTATIVE. IF PAINTED, 2 COATS MIN. COMPLY WITH SMACNA
- 13 TAPERED RIGID INSULATION R-30, SLOPE AT 1/4" PER 1'-0" MIN. TO DRAIN, 2-1/2" MIN THICKNESS
- 14 SHEET VINYL FLOORING
- 15 4" RUBBER BASE COVER CONTINUOUS ALL SIDES
- 16 GPS ANTENNA MOUNTED ON NEW GAS HUB EQUIPMENT BUILDING PARAPET WALL, RE: DETAIL 5/A-5.2
- 17 STUB UP FOR NEW U.G. FIBER OPTIC ROUTE ENCLOSED IN 4" CONDUIT, RE: ELECTRICAL
- 18 FIBER ENTRY FLOOR PORT PROVIDE BLOCK OUT IN CONCRETE SLAB FOR (4) 4" PVC CONDUITS PROVIDE ANNULAR SPACE W/ NON-SHRINK GROUT, RE: 6/A-5.2
- 19 EXTEND BASE FLASHING UP PARAPET WALL AND SECURE UNDER 2-PIECE METAL FLASHING WITH SEALANT
- 20 NEW EPS SYSTEM EXTERIOR FINISH WITH ±2" INSULATION (ENTIRE WALL R-18) COORDINATE WITH MANUFACTURER, COLOR TO BE SELECTED BY SEAWORLD REPRESENTATIVE, RE: SPECIFICATIONS
- 21 NEW ROOF TOP UNITS, RE: MECHANICAL
- 22 LIGHTING MOUNTED TO UNISTRUT/JOIST, RE: ELECTRICAL
- 23 GALVANIZED METAL ROOF DECK, RE: STRUCTURAL
- 24 UNISTRUT @ 4'-0" O.C. MOUNTED PERPENDICULAR TO JOIST FORMING A GRID, RE: STRUCTURAL
- 25 4" OF GRAVEL, RE: STRUCTURAL
- 26 2" RIGID R-10 CONTINUOUS INSULATION UNDER SLAB
- 27 FIBER/COAX CABLE TRAY, RE: DETAIL 1/A-5.3
- 28 NEW WALL MOUNTED LIGHTING, RE: ELECTRICAL
- 29 DUCT WORK, RE: MECHANICAL
- 30 NEW BOLLARD (TYP) RE: DETAIL 4/A-5.2
- 31 6" PERIMETER DRAIN PIPE WRAPPED IN GEOTECHNICAL FABRIC, RE: STRUCTURAL
- 32 EXISTING 8'-8" CMU WALL
- 33 NOT USED
- 34 PLANTER CURB, RE: DETAIL

GENERAL NOTES

THIS DRAWING IS FOR COORDINATION PURPOSES ONLY. NOT ALL DUCTWORK, LIGHTING, EQUIPMENT ETC. IS SHOWN FOR CLARITY. REFER TO MECHANICAL AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.



CROWN CASTLE

"CROWN DOES THE WORK"



KDC
ARCHITECTS/ENGINEERS, P.C.
1500 S. QUINCY ST. SUITE 1000
GREENWOOD VILLAGE, COLORADO 80111
PHONE: 303.750.6999

KDC PROJECT NUMBER:
240001.003

DRAWN BY: KDC CHECKED BY:

REV. DATE ISSUED FOR

0 10.31.2016 CONSTRUCTION - FIRM

SITE INFORMATION:

SITE NAME:

SEAWORLD

SAN DIEGO

SITE ADDRESS:

500 SEA WORLD DRIVE

SAN DIEGO, CA 92109

SHEET TITLE:

BUILDING SECTIONS

SHEET NUMBER:

A-4.1

NOTES

THIS IS NOT A SITE SURVEY.

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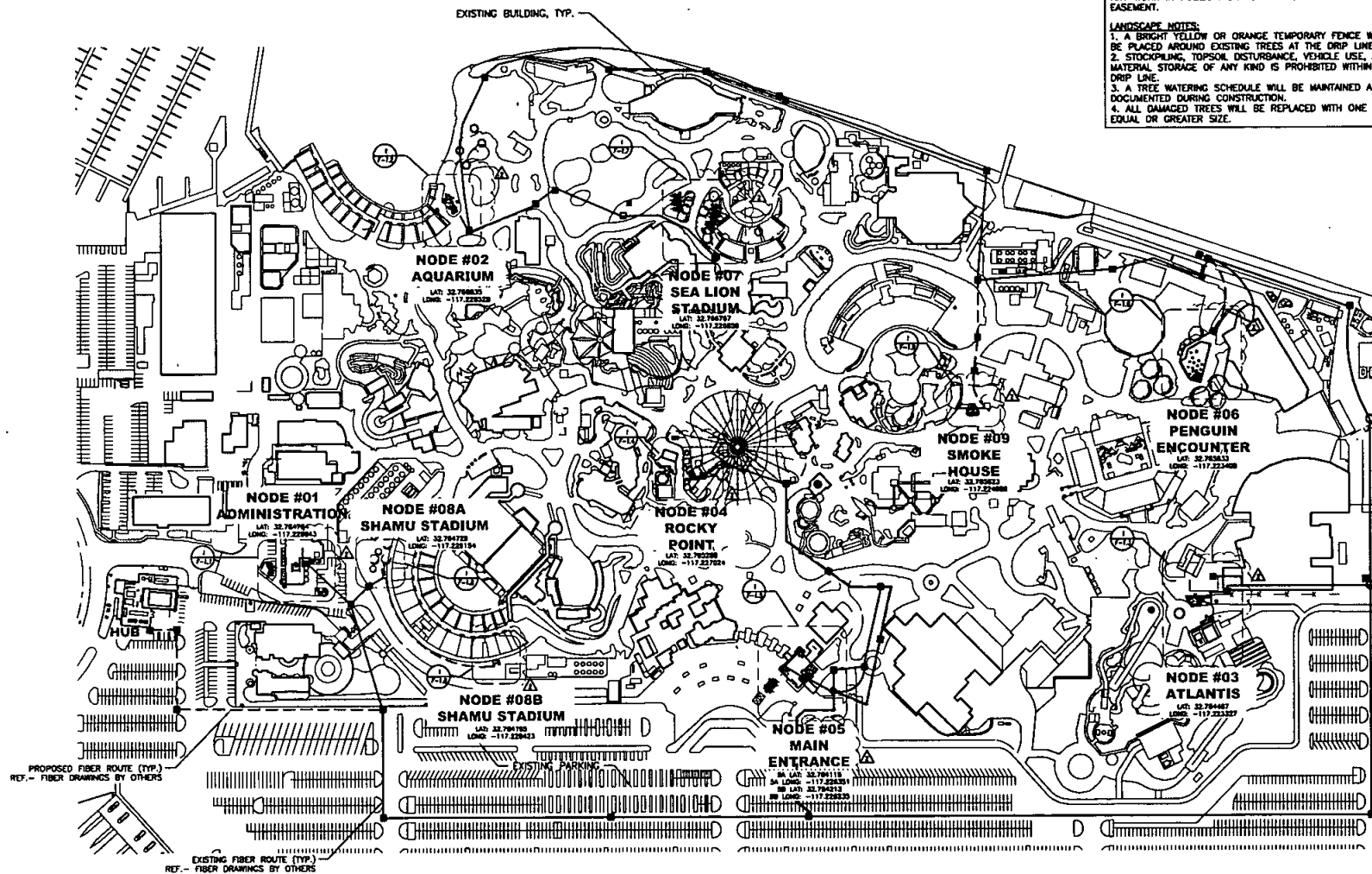
NOTES

ENGINEERING NOTES:

1. PRIOR TO THE ISSUANCE OF ANY CONSTRUCTION PERMIT THE OWNER/PERMITTED SHALL SUBMIT A WATER POLLUTION CONTROL PLAN(WPCP). THE WPCP SHALL BE PREPARED IN ACCORDANCE WITH THE GUIDELINES IN PART 2 CONSTRUCTION BMP STANDARDS CHAPTER 4 OF THE CITY'S STORM WATER STANDARDS.
2. SCOPE OF WORK FOR THIS PROJECT DOES NOT INCLUDE ANY WORK IN PUBLIC RIGHT OF WAY OR IN ANY PUBLIC EASEMENT.

LANDSCAPE NOTES:

1. A BRIGHT YELLOW OR ORANGE TEMPORARY FENCE WILL BE PLACED AROUND EXISTING TREES AT THE DRIP LINE.
2. STOCKPILING, TOPSOIL DISTURBANCE, VEHICLE USE, AND MATERIAL STORAGE OF ANY KIND IS PROHIBITED WITHIN THE DRIP LINE.
3. A TREE WATERING SCHEDULE WILL BE MAINTAINED AND DOCUMENTED DURING CONSTRUCTION.
4. ALL DAMAGED TREES WILL BE REPLACED WITH ONE OF EQUAL OR GREATER SIZE.



OVERALL SITE PLAN - SAN DIEGO SEA WORLD

24"x36" SCALE: 1" = 100'-0"
 11"x17" SCALE: 1" = 200'-0"

SCALE: 1" = 100'

OVERALL NODES SITE PLAN

SEA WORLD SAN DIEGO
 5500 SEA WORLD DR.
 SAN DIEGO, CA 92109

CROWN CASTLE

architecture **Mitchell J** architecture

F-1.0

No.	Revisions / Issues	Date
1	CLIENT REVIEW	04-21-18
2	CLIENT COMMENTS	04-01-18
3	FOR SUBMITTAL	03-09-18

Prepared by: J. Arribas

AS SHOWN

LANDSCAPE NOTES

TYPICAL EACH NODE:

PROJECT IS NOT PROPOSING ANY NEW LANDSCAPING NOR DISPLACING ANY EXISTING LANDSCAPING. PER CONDITIONS 15 AND 18 OF MUP NO. 1697348 AND NDP NO. 1697348, IF EXISTING LANDSCAPING IS DAMAGED OR REMOVED, THEN REPLACEMENT OF A SIMILAR SIZE AND SPECIES SHALL BE PLANTED TO THE SATISFACTION OF THE DEVELOPMENT SERVICES DEPARTMENT. PLEASE PROVIDE THE FOLLOWING NOTE ON THE PLANS TO ENSURE THAT MEASURES WILL BE TAKEN TO PROTECT EXISTING VEGETATION WITHIN THE LIMIT OF WORK.

- EXISTING TREES TO REMAIN ON SITE WITHIN THE AREA OF WORK WILL BE PROTECTED IN PLACE. THE FOLLOWING PROTECTION MEASURES WILL BE PROVIDED:
1. A BRIGHT YELLOW OR ORANGE TEMPORARY FENCE WILL BE PLACED AROUND EXISTING TREES AT THE DRIP LINE.
 2. STOCKPILING, TOPSOIL DISTURBANCE, VEHICLE USE AND MATERIAL STORAGE OF ANY KIND IS PROHIBITED WITHIN THE DRIP LINE.
 3. A TREE WATERING SCHEDULE WILL BE MAINTAINED AND DOCUMENTED DURING CONSTRUCTION.
 4. ALL DAMAGED TREES WILL BE REPLACED WITH ONE OF EQUAL OR GREATER SIZE.

EARTHWORK QUANTITIES

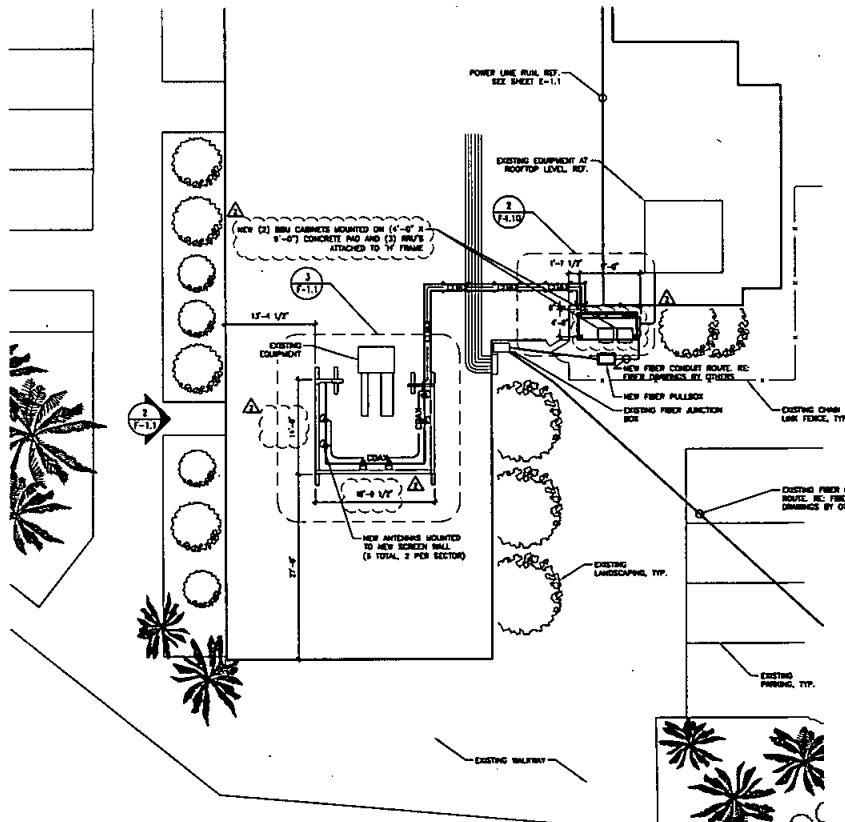
CONCRETE PAD:
CUT QUANTITIES: 0.88 CY
FILL QUANTITIES: 0.44 CY
IMPORT/EXPORT: 0.44 CY
MAX CUT DEPTH: 1.0 FT
MAX FILL DEPTH: 0.5 FT

BATTERY NOTES

BATTERY NOTES (MRA):
SPEC: NSB 92FT RED BATTERY
EACH BATTERY WEIGHS 68 LBS; BATTERY ELECTROLYTE (SULFURIC ACID DILUTED) IS 17% BY WEIGHT; 17% OF 68 LBS IS 11.22 LBS; 1 GAL OF DILUTED SULFURIC ACID IS APPROX. 8.5 LBS; THEREFORE 11.22 LBS / 8.5 = 1.32 GALLONS ELECTROLYTE.
4 BATTERIES X 1.32 GALLONS = 5.25 ELECTROLYTE AT EACH NODE (BBU CABINET)

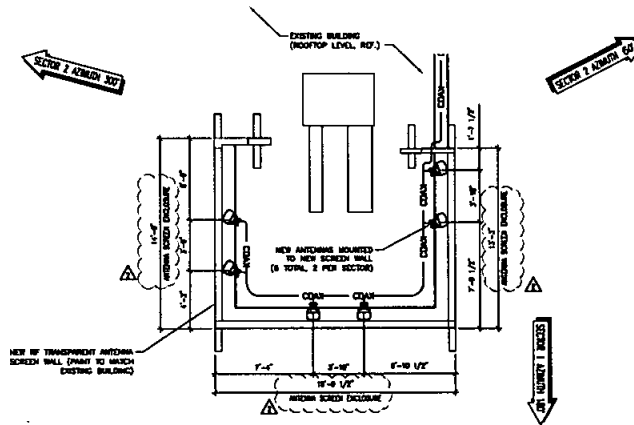
NOTES

1. THIS IS NOT A SITE SURVEY. ALL EXISTING BUILDING ORIENTATION, PARCELS AND STREET WIDTHS ARE DIAGRAMMATIC & APPROXIMATE.
2. POWER AND FIBER ROUTE IS APPROXIMATE AND SUBJECT TO CHANGE.
3. PROPOSED POLES WILL BE COLORED TO BLEND WITH THE SURROUNDING AREA AND DO NOT EXCEED EXISTING BUILDING/VEGETATION/TREE HEIGHT.
4. THE HIGHEST POINT OF THE ROOF EQUIPMENT, OR ANY VENT, PIPE, ANTENNA OR OTHER PROJECTION SHALL NOT EXCEED 30 FEET ABOVE GRADE (SMDC SECTION 132.0505)



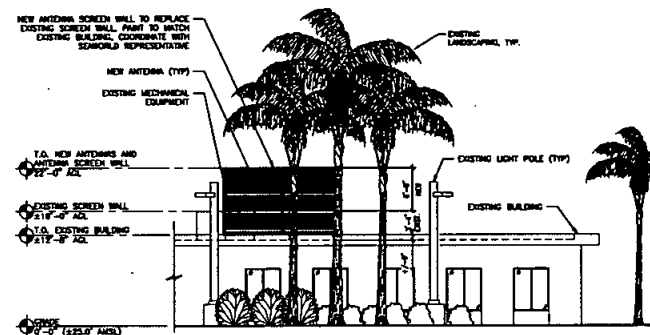
① **NODE #01 - ADMIN: ENLARGED SITE PLAN**

24'x36" SCALE: 1/8" = 1'-0"
11'x17" SCALE: 1/16" = 1'-0"



③ **NODE #01 - ANTENNA PLAN**

24'x36" SCALE: 1/8" = 1'-0"
11'x17" SCALE: 1/16" = 1'-0"



② **NODE #01 - ADMIN: WEST ELEVATION**

24'x36" SCALE: 1/8" = 1'-0"
11'x17" SCALE: 1/16" = 1'-0"

NODE #01 - ADMIN: PLANS & WEST ELEVATION

SEA WORLD SAN DIEGO
500 SEA WORLD DR.
SAN DIEGO, CA 92109

CROWN CASTLE

architecture **Mitchell J** architecture



Date: 04-21-18
Drawn by: [Signature]
Checked by: [Signature]
AS SHOWN

Project: [Signature]

Sheet: F-1.1

LANDSCAPE NOTES

TYPICAL, EACH NODE.

PROJECT IS NOT PROPOSING ANY NEW LANDSCAPING NOR DISPLACING ANY EXISTING LANDSCAPING. PER CONDITIONS 13 AND 16 OF MUP NO. 1897348 AND NDP NO. 1897348, IF EXISTING LANDSCAPING IS DAMAGED OR REMOVED, THEN REPLACEMENT OF A SIMILAR SIZE AND SPECIES SHALL BE PLANTED TO THE SATISFACTION OF THE DEVELOPMENT SERVICES DEPARTMENT. PLEASE PROVIDE THE FOLLOWING NOTE ON THE PLANS TO ENSURE THAT MEASURES WILL BE TAKEN TO PROTECT EXISTING VEGETATION WITHIN THE LIMIT OF WORK.

- EXISTING TREES TO REMAIN ON SITE WITHIN THE AREA OF WORK WILL BE PROTECTED IN PLACE. THE FOLLOWING PROTECTION MEASURES WILL BE PROVIDED:
 - A BRIGHT YELLOW OR ORANGE TEMPORARY FENCE WILL BE PLACED AROUND EXISTING TREES AT THE DRIP LINE.
 - STOCKPILING, TOPSOIL, DISTURBANCE, VEHICLE USE AND MATERIAL STORAGE OF ANY KIND IS PROHIBITED WITHIN THE DRIP LINE.
 - A TREE WATERING SCHEDULE WILL BE MAINTAINED AND DOCUMENTED DURING CONSTRUCTION.
 - ALL DAMAGED TREES WILL BE REPLACED WITH ONE OF EQUAL OR GREATER SIZE.

EARTHWORK QUANTITIES

CONCRETE PAD:	
CUT QUANTITIES:	0.88 CY
FILL QUANTITIES:	0.44 CY
IMPORT/EXPORT:	0.44 CY
MAX CUT DEPTH:	1.0 FT
MAX FILL DEPTH:	0.5 FT
EACH POLE FOUNDATION (2 POLES TOTAL):	
CUT QUANTITIES:	7.25 CY X 2=14.5 CY
FILL QUANTITIES:	N/A
IMPORT/EXPORT:	7.25 CY X 2=14.5 CY
MAX CUT DEPTH:	10'-0" ASSUMED
MAX FILL DEPTH:	N/A

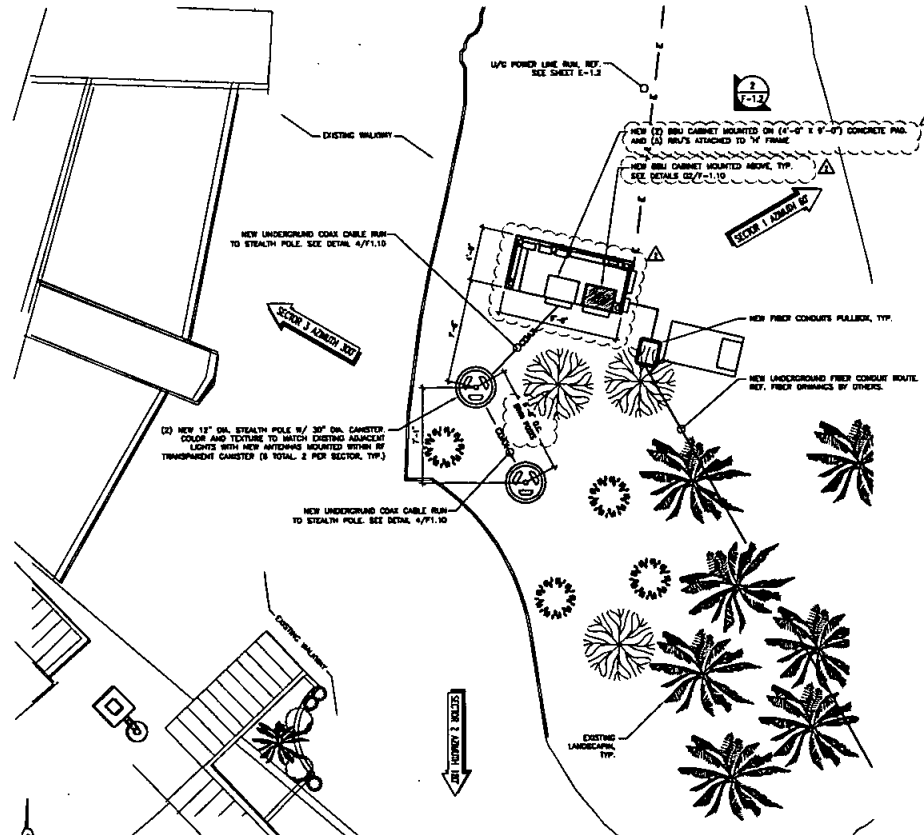
BATTERY NOTES

BATTERY NOTES (VJAL):

SPEC: NSB 92FT RED BATTERY
EACH BATTERY WEIGHS 66 LBS; BATTERY ELECTROLYTE (SULFURIC ACID DILUTED) IS 17% BY WEIGHT; 17% OF 66 LBS IS 11.22 LBS; 1 GAL OF DILUTED SULFURIC ACID IS APPROX. 8.5 LBS; THEREFORE 11.22 LBS / 8.5 = 1.32 GALLONS ELECTROLYTE.
4 BATTERIES X 1.32 GALLONS = 5.28 ELECTROLYTE AT EACH NODE (BEU CABINET)

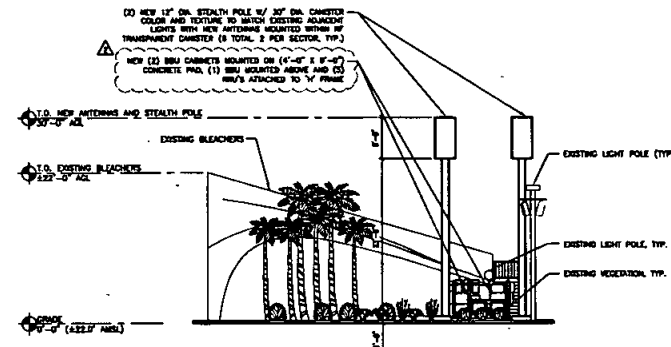
NOTES

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- POWER AND FIBER ROUTE IS APPROXIMATE AND SUBJECT TO CHANGE.
- PROPOSED POLES WILL BE COLORED TO BLEND WITH THE SURROUNDING AREA AND DO NOT EXCEED EXISTING BUILDING/VEGETATION/TREE HEIGHT.
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1 NODE #02 - AQUARIUM: ENLARGED SITE PLAN

24'x36' SCALE: 1/4" = 1'-0"
11'x17' SCALE: 1/8" = 1'-0"

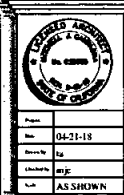


2 NODE #02 - AQUARIUM: WEST ELEVATION

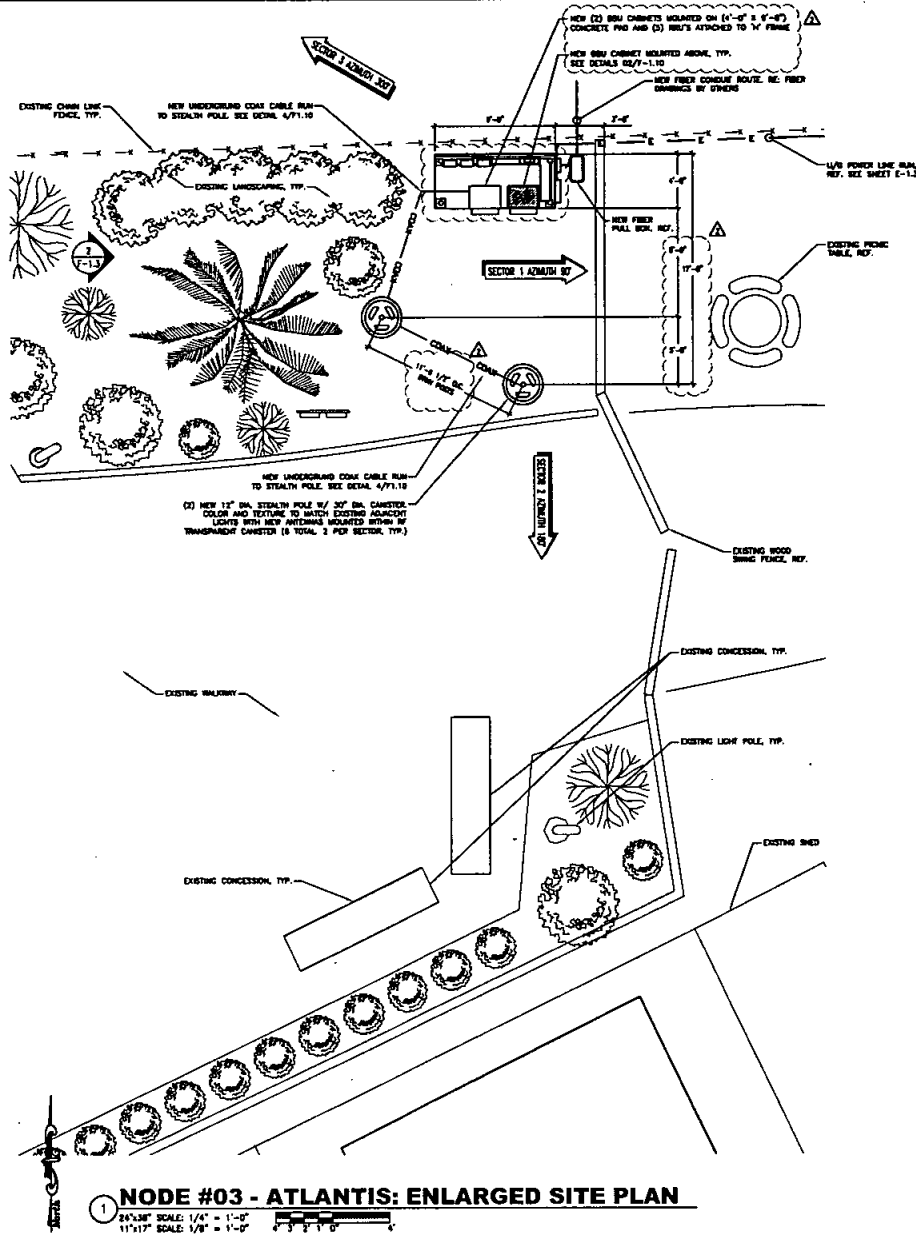
24'x36' SCALE: 1/8" = 1'-0"
11'x17' SCALE: 1/16" = 1'-0"

NODE #02 - AQUARIUM: PLANS & NORTHEAST ELEVATION

SEA WORLD SAN DIEGO
500 SEA WORLD DR
SAN DIEGO, CA 92109
architect Mitchell J architecture



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1 NODE #03 - ATLANTIS: ENLARGED SITE PLAN

24"x36" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"

EARTHWORK QUANTITIES

CONCRETE PAD:	
CUT QUANTITIES:	0.88 CYs
FILL QUANTITIES:	0.44 CYs
IMPORT/EXPORT:	0.44 CYs
MAX CUT DEPTH:	1.0 FT
MAX FILL DEPTH:	0.5 FT

EACH POLE FOUNDATION (2 POLES TOTAL):	
CUT QUANTITIES:	7.25 CYs X 2=14.5 CYs
FILL QUANTITIES:	N/A
IMPORT/EXPORT:	7.25 CYs X 2=14.5 CYs
MAX CUT DEPTH:	10'-0" ASSUMED
MAX FILL DEPTH:	N/A

NOTES

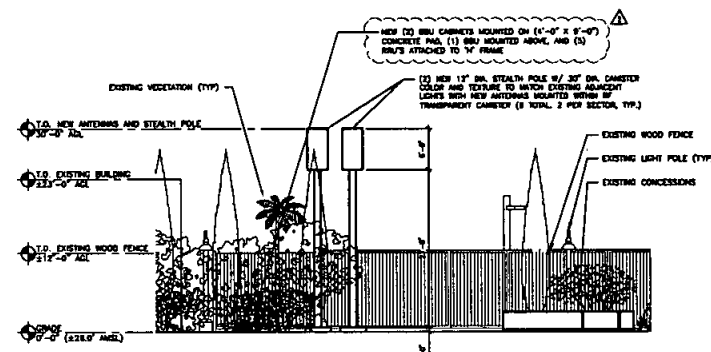
- THIS IS NOT A SITE SURVEY. ALL EXISTING BUILDING ORIENTATION, PARCELS AND STREET WIDTHS ARE DIAGRAMMATIC & APPROXIMATE.
- POWER AND FIBER ROUTE IS APPROXIMATE AND SUBJECT TO CHANGE.
- PROPOSED POLES WILL BE COLORED TO BLEND WITH THE SURROUNDING AREA AND DO NOT EXCEED EXISTING BUILDING/VEGETATION/TREE HEIGHT.
- THE HIGHEST POINT OF THE ROOF EQUIPMENT, OR ANY VENT, PIPE, ANTENNA OR OTHER PROJECTION SHALL NOT EXCEED 30 FEET ABOVE GRADE [SDMC SECTION 1.32.0505]

LANDSCAPE NOTES

- TYPICAL EACH NODE:**
PROJECT IS NOT PROPOSING ANY NEW LANDSCAPING NOR DISPLACING ANY EXISTING LANDSCAPING. PER CONDITIONS 13 AND 18 OF MUP NO. 1897348 AND MUP NO. 1897346, IF EXISTING LANDSCAPING IS DAMAGED OR REMOVED, THEN REPLACEMENT OF A SIMILAR SIZE AND SPECIES SHALL BE PLANTED TO THE SATISFACTION OF THE DEVELOPMENT SERVICES DEPARTMENT. PLEASE PROVIDE THE FOLLOWING NOTE ON THE PLANS TO ENSURE THAT MEASURES WILL BE TAKEN TO PROTECT EXISTING VEGETATION WITHIN THE LIMIT OF WORK.
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BATTERY NOTES

- BATTERY NOTES (MRLA):**
SPEC: NSD 8271 RED BATTERY
EACH BATTERY WEIGHS 66 LBS; BATTERY ELECTROLYTE (SULFURIC ACID DILUTED) IS 17% BY WEIGHT; 17% OF 66 LBS IS 11.22 LBS; 1 GAL OF DILUTED SULFURIC ACID IS APPROX. 8.5 LBS; THEREFORE 11.22 LBS / 8.5 = 1.32 GALLONS ELECTROLYTE.
4. BATTERIES X 1.32 GALLONS = 5.25 ELECTROLYTE AT EACH NODE (BBU CABINET)



2 NODE #03 - ATLANTIS: WEST ELEVATION

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/16" = 1'-0"

NOTE #03 - ATLANTIS: PLANS & WEST ELEVATION

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Checked by: [Signature]
AS SHOWN

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LANDSCAPE NOTES

TYPICAL EACH NODE

PROJECT IS NOT PROPOSING ANY NEW LANDSCAPING NOR DISPLACING ANY EXISTING LANDSCAPING. PER CONDITIONS 15 AND 16 OF NUP NO. 1697345 AND NUP NO. 1697346, IF EXISTING LANDSCAPING IS DAMAGED OR REMOVED, THEN REPLACEMENT OF A SIMILAR SIZE AND SPECIES SHALL BE PLANTED TO THE SATISFACTION OF THE DEVELOPMENT SERVICES DEPARTMENT. PLEASE PROVIDE THE FOLLOWING NOTE ON THE PLANS TO ENSURE THAT MEASURES WILL BE TAKEN TO PROTECT EXISTING VEGETATION WITHIN THE LIMIT OF WORK.

EXISTING TREES TO REMAIN ON SITE WITHIN THE AREA OF WORK WILL BE PROTECTED IN PLACE. THE FOLLOWING PROTECTION MEASURES WILL BE PROVIDED:

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3. A TREE WATERING SCHEDULE WILL BE MAINTAINED AND DOCUMENTED DURING CONSTRUCTION.
4. ALL DAMAGED TREES WILL BE REPLACED WITH ONE OF EQUAL OR GREATER SIZE.

EARTHWORK QUANTITIES

CONCRETE PAD:
CUT QUANTITIES: 0.88 CYs
FILL QUANTITIES: 0.44 CYs
IMPORT/EXPORT: 0.44 CYs
MAX CUT DEPTH: 1.0 FT
MAX FILL DEPTH: 0.5 FT

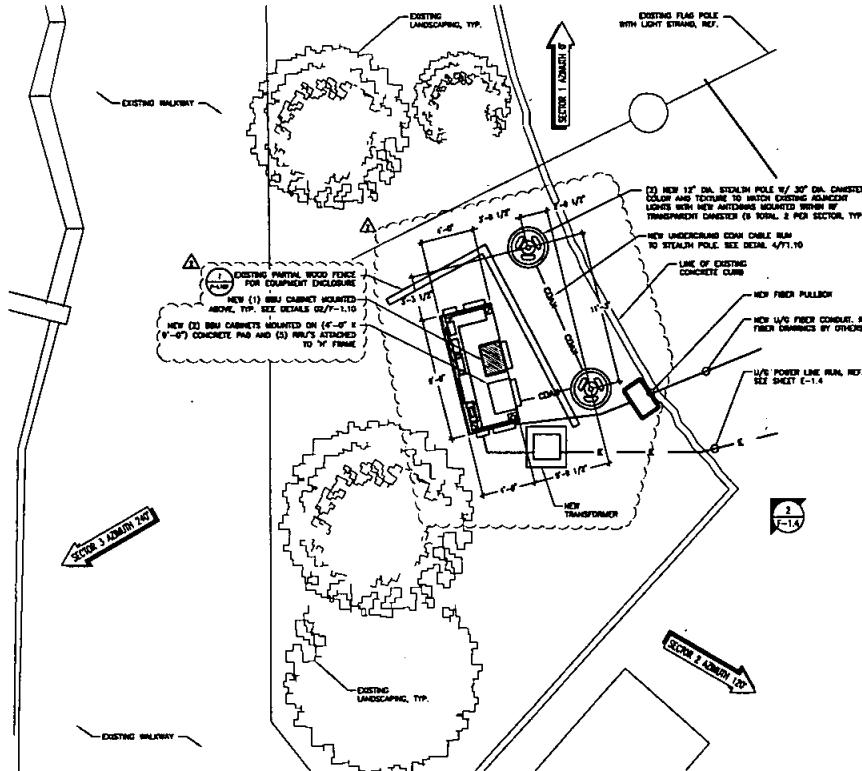
EACH POLE FOUNDATION (2 POLES TOTAL):
CUT QUANTITIES: 7.25 CYs X 2=14.5 CYs
FILL QUANTITIES: N/A
IMPORT/EXPORT: 7.25 CYs X 2=14.5 CYs
MAX CUT DEPTH: 10'-0" ASSUMED
MAX FILL DEPTH: N/A

NOTES

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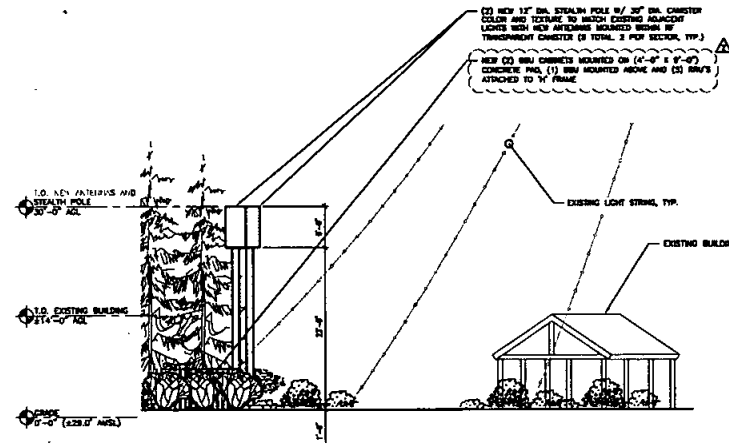
BATTERY NOTES

BATTERY NOTES (V16A):
SPEC: NSB 9271 RED BATTERY
EACH BATTERY WEIGHS 86 LBS; BATTERY ELECTROLYTE (SULFURIC ACID DILUTED) IS 17% BY WEIGHT; 17% OF 86 LBS IS 11.22 LBS; 1 GAL OF DILUTED SULFURIC ACID IS APPROX. 8.5 LBS; THEREFORE 11.22 LBS / 8.5 = 1.32 GALLONS ELECTROLYTE
4 BATTERIES X 1.32 GALLONS = 5.25 ELECTROLYTE AT EACH NODE (BBU CABINET)



1 **NODE #04 - ROCKY POINT: ENLARGED SITE PLAN**

24'x36' SCALE: 1/8" = 1'-0"
11'x17" SCALE: 1/16" = 1'-0"



2 **NODE #04 - ROCKY POINT: EAST ELEVATION**

24'x36' SCALE: 1/8" = 1'-0"
11'x17" SCALE: 1/16" = 1'-0"

NODE #04 - ROCKY POINT: PLANS & EAST ELEVATION

SEA WORLD SAN DIEGO
500 SEA WORLD BLVD
SAN DIEGO, CA 92109
architecture **Mitchell J** architecture



DATE: 04-21-18
BY: [Signature]
CHECKED BY: [Signature]
AS SHOWN

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EARTHWORK QUANTITIES

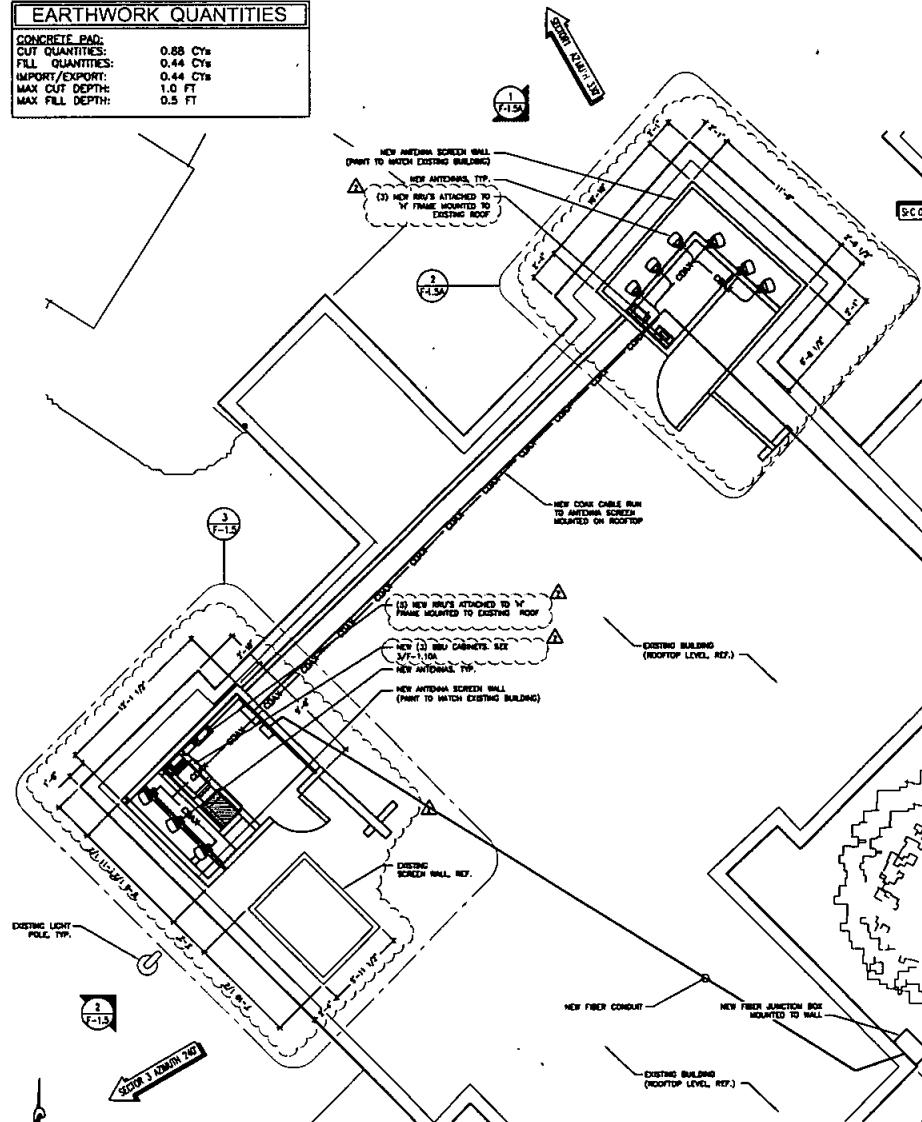
CONCRETE PAD:
CUT QUANTITIES: 0.88 CY
FILL QUANTITIES: 0.44 CY
IMPORT/EXPORT: 0.44 CY
MAX CUT DEPTH: 1.0 FT
MAX FILL DEPTH: 0.5 FT

NOTES

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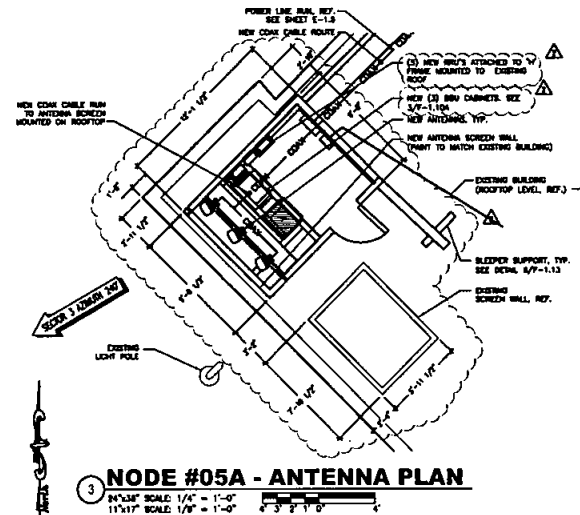
BATTERY NOTES

BATTERY NOTES (VLR):
SPEC: NSB 9271 RED BATTERY
EACH BATTERY WEIGHS 66 LBS; BATTERY ELECTROLYTE (SULFURIC ACID DILUTED) IS 17% BY WEIGHT; 17% OF 66 LBS IS 11.22 LBS; 1 GAL OF DILUTED SULFURIC ACID IS APPROX. 8.5 LBS; THEREFORE 11.22 LBS / 8.5 = 1.32 GALLONS ELECTROLYTE
4 BATTERIES X 1.32 GALLONS = 5.25 ELECTROLYTE AT EACH NODE (BBU CABINET)



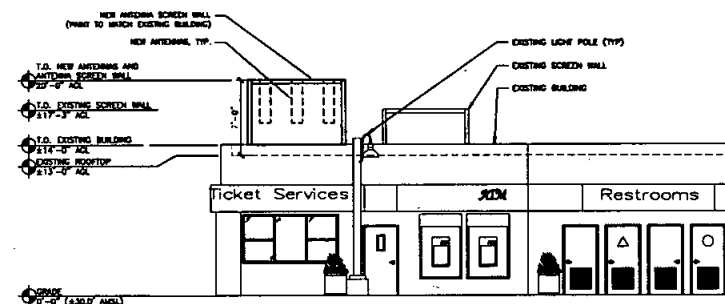
1 NODE #05 - MAIN ENTRANCE: ENLARGED SITE PLAN

24"x36" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"



3 NODE #05A - ANTENNA PLAN

24"x36" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"



2 NODE #05A - MAIN ENTRANCE: SOUTHWEST ELEVATION

24"x36" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"

NODE #05 - MAIN ENTRANCE: PLANS, SW & NW ELEVATIONS

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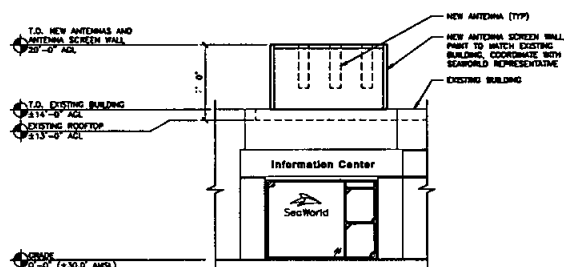
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Scale: AS SHOWN

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1 **NODE #05B - MAIN ENTRANCE: NORTHWEST ELEVATION**

Michael S. Archibren

NODE #05B - MAIN ENTRANCE: PLANS & NORTHWEST ELEVATION

SEA WORLD SAN DIEGO

**CROWN
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(619) 591-7500 • FAX (619) 591-7501

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F-1.5A

NOTES

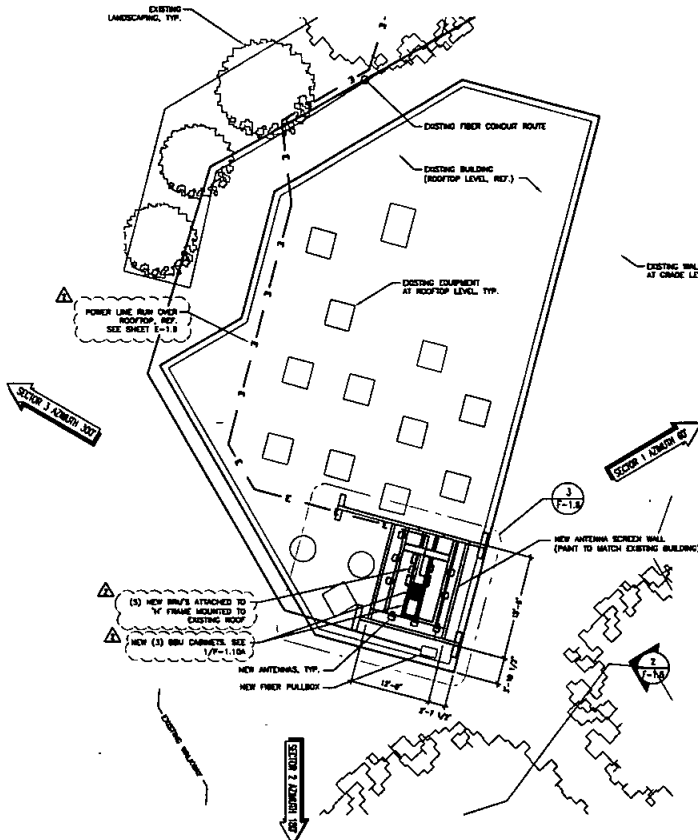
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BATTERY NOTES

BATTERY NOTES (MRA):
 SPEC: NSB 92FT RED BATTERY
 EACH BATTERY WEIGHS 66 LBS; BATTERY ELECTROLYTE (SULFURIC ACID DILUTED) IS 17% BY WEIGHT; 17% OF 66 LBS IS 11.22 LBS; 1 GAL OF DILUTED SULFURIC ACID IS APPROX. 8.5 LBS; THEREFORE 11.22 LBS / 8.5 = 1.32 GALLONS ELECTROLYTE.
 4 BATTERIES X 1.32 GALLONS = 5.25 ELECTROLYTE AT EACH NODE (BBU CABINET)

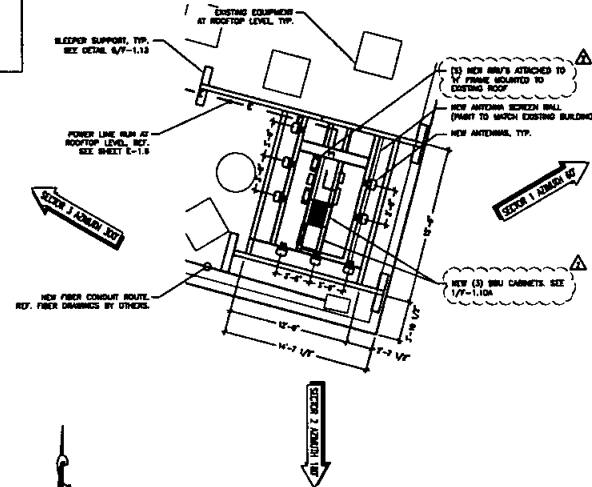
EARTHWORK QUANTITIES

CONCRETE PAD:
 CUT QUANTITIES: 0.88 CY
 FILL QUANTITIES: 0.44 CY
 IMPORT/EXPORT: 0.44 CY
 MAX CUT DEPTH: 1.0 FT
 MAX FILL DEPTH: 0.5 FT



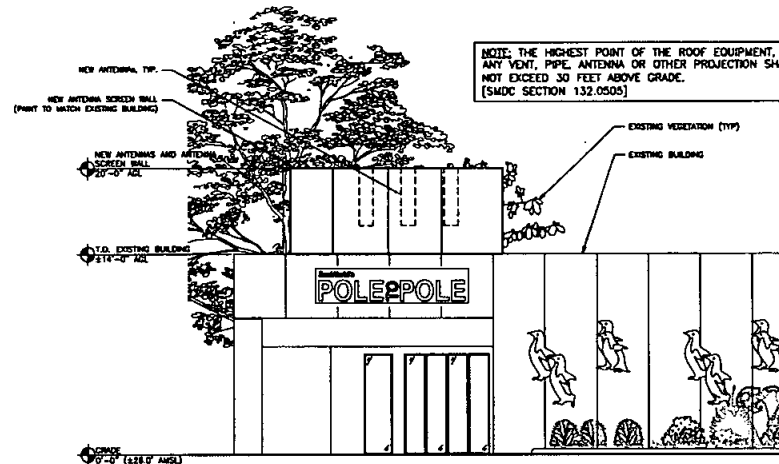
1 NODE #06 - PENGUIN ENCOUNTER: ENLARGED SITE PLAN

24"x36" SCALE: 1/8" = 1'-0"
 11"x17" SCALE: 1/16" = 1'-0"



3 NODE #06 - ANTENNA PLAN

24"x36" SCALE: 1/4" = 1'-0"
 11"x17" SCALE: 1/8" = 1'-0"



2 NODE #06 - PENGUIN ENCOUNTER: SOUTHEAST ELEVATION

24"x36" SCALE: 1/8" = 1'-0"
 11"x17" SCALE: 1/16" = 1'-0"

NODE #06 - PENGUIN ENCOUNTER: PLANS & SOUTHEAST ELEVATION

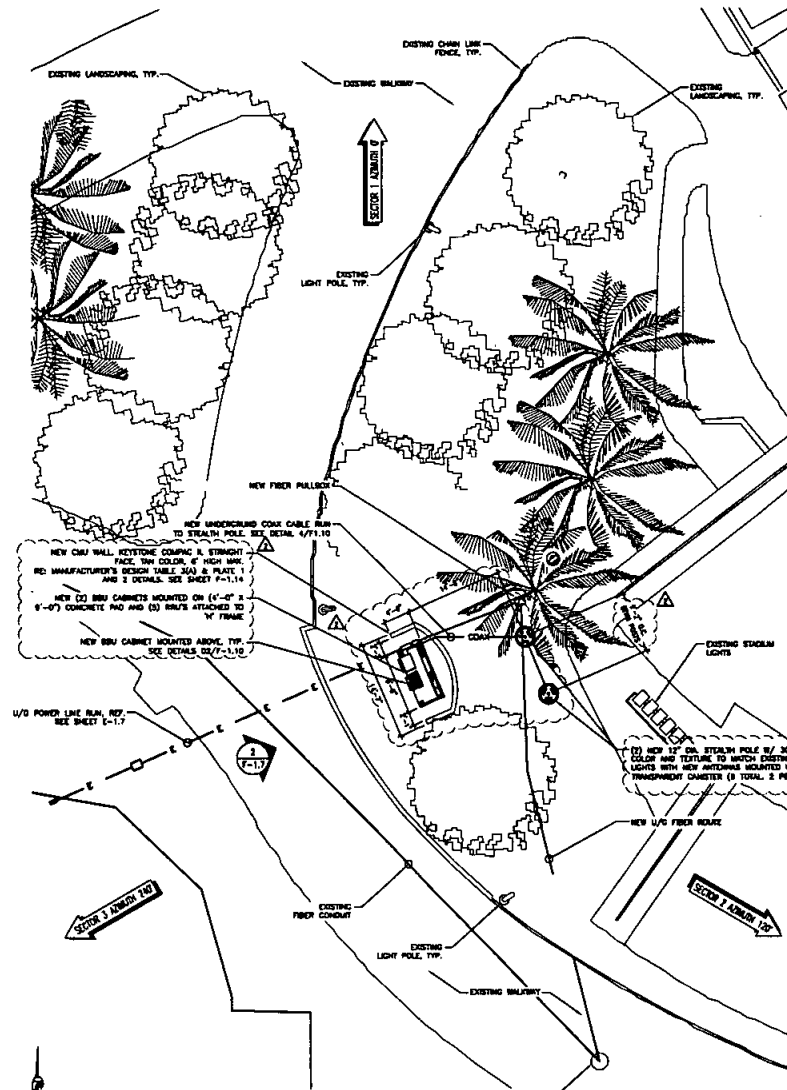
SEA WORLD SAN DIEGO
 500 SEA WORLD DR.
 SAN DIEGO, CA 92109

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1 NODE #07 - SEA LION STADIUM: ENLARGED SITE PLAN

24'x36' SCALE: 1/8" = 1'-0"
11'x17' SCALE: 1/16" = 1'-0"

EARTHWORK QUANTITIES

CONCRETE PAD:
CUT QUANTITIES: 0.88 CYs
FILL QUANTITIES: 0.44 CYs
IMPORT/EXPORT: 0.44 CYs
MAX CUT DEPTH: 1.0 FT
MAX FILL DEPTH: 0.5 FT

EACH POLE FOUNDATION (2 POLES TOTAL):
CUT QUANTITIES: 7.25 CYs X 2 = 14.5 CYs
FILL QUANTITIES: N/A
IMPORT/EXPORT: 7.25 CYs X 2 = 14.5 CYs
MAX CUT DEPTH: 10'-0" ASSUMED
MAX FILL DEPTH: N/A

NOTES

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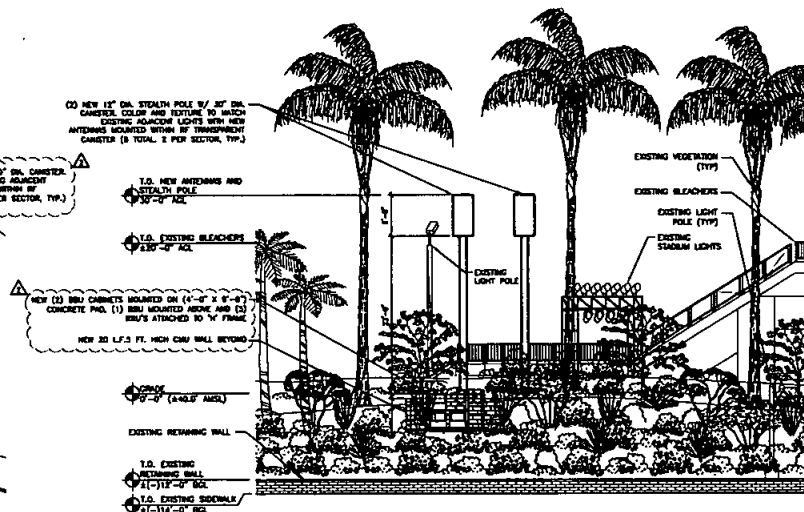
BATTERY NOTES

BATTERY NOTES (MBA):
SPEC: NSB 92FT RED BATTERY
EACH BATTERY WEIGHS 66 LBS; BATTERY ELECTROLYTE (SULFURIC ACID DILUTED) IS 17% BY WEIGHT; 17% OF 66 LBS IS 11.22 LBS; 1 GAL OF DILUTED SULFURIC ACID IS APPROX. 8.5 LBS; THEREFORE 11.22 LBS / 8.5 = 1.32 GALLONS ELECTROLYTE.
4 BATTERIES X 1.32 GALLONS = 5.28 ELECTROLYTE AT EACH NODE (BBV CABINET)

LANDSCAPE NOTES

TYPICAL EACH NODE:
PROJECT IS NOT PROPOSING ANY NEW LANDSCAPING NOR DISPLACING ANY EXISTING LANDSCAPING. PER CONDITIONS 15 AND 16 OF MUP NO. 1697348 AND NDP NO. 1697348, IF EXISTING LANDSCAPING IS DAMAGED OR REMOVED, THEN REPLACEMENT OF A SIMILAR SIZE AND SPECIES SHALL BE PLANTED TO THE SATISFACTION OF THE DEVELOPMENT SERVICES DEPARTMENT. PLEASE PROVIDE THE FOLLOWING NOTE ON THE PLANS TO ENSURE THAT MEASURES WILL BE TAKEN TO PROTECT EXISTING VEGETATION WITHIN THE LIMIT OF WORK.

- EXISTING TREES TO REMAIN ON SITE WITHIN THE AREA OF WORK WILL BE PROTECTED IN PLACE. THE FOLLOWING PROTECTION MEASURES WILL BE PROVIDED:
1. A BRIGHT YELLOW OR ORANGE TEMPORARY FENCE WILL BE PLACED AROUND EXISTING TREES AT THE DRIP LINE.
 2. STOCKPILING, TOPSOIL DISTURBANCE, VEHICLE USE AND MATERIAL STORAGE OF ANY KIND IS PROHIBITED WITHIN THE DRIP LINE.
 3. A TREE WATERING SCHEDULE WILL BE MAINTAINED AND DOCUMENTED DURING CONSTRUCTION.
 4. ALL DAMAGED TREES WILL BE REPLACED WITH ONE OF EQUAL OR GREATER SIZE.



2 NODE #07 - SEA LION STADIUM: WEST ELEVATION

24'x36' SCALE: 1/8" = 1'-0"
11'x17' SCALE: 1/16" = 1'-0"

NODE #07 - SEA LION STADIUM: PLANS & WEST ELEVATION

SEA WORLD SAN DIEGO
500 SEA WORLD DR
SAN DIEGO, CA 92109

CROWN CASTLE

architecture **Mitchell J** architecture



Project: 04-21-18
Client: SEA
Architect: MJC
AS SHOWN

F-1.7

LANDSCAPE NOTES

TYPICAL EACH NODE:

PROJECT IS NOT PROPOSING ANY NEW LANDSCAPING NOR DISPLACING ANY EXISTING LANDSCAPING. PER CONDITIONS 1.5 AND 1.6 OF NHP NO. 1697348 AND NHP NO. 1697348, IF EXISTING LANDSCAPING IS DAMAGED OR REMOVED, THEN REPLACEMENT OF A SIMILAR SIZE AND SPECIES SHALL BE PLANTED TO THE SATISFACTION OF THE DEVELOPMENT SERVICES DEPARTMENT. PLEASE PROVIDE THE FOLLOWING NOTE ON THE PLANS TO ENSURE THAT MEASURES WILL BE TAKEN TO PROTECT EXISTING VEGETATION WITHIN THE LIMIT OF WORK.

EXISTING TREES TO REMAIN ON SITE WITHIN THE AREA OF WORK WILL BE PROTECTED IN PLACE. THE FOLLOWING PROTECTION MEASURES WILL BE PROVIDED:

1. A BRIGHT YELLOW OR ORANGE TEMPORARY FENCE WILL BE PLACED AROUND EXISTING TREES AT THE DRIP LINE.
2. STOCKPILING, TOPSOIL, DISTURBANCE, VEHICLE USE AND MATERIAL STORAGE OF ANY KIND IS PROHIBITED WITHIN THE DRIP LINE.
3. A TREE WATERING SCHEDULE WILL BE MAINTAINED AND DOCUMENTED DURING CONSTRUCTION.
4. ALL DAMAGED TREES WILL BE REPLACED WITH ONE OF EQUAL OR GREATER SIZE.

EARTHWORK QUANTITIES

CONCRETE PAD:	0.88 CYS
CUT QUANTITIES:	0.44 CYS
FILL QUANTITIES:	0.44 CYS
IMPORT/EXPORT:	0.44 CYS
MAX CUT DEPTH:	1.0 FT
MAX FILL DEPTH:	0.5 FT
EACH POLE FOUNDATION (2 POLES TOTAL):	
CUT QUANTITIES:	7.25 CYS X 2 = 14.5 CYS
FILL QUANTITIES:	N/A
IMPORT/EXPORT:	7.25 CYS X 2 = 14.5 CYS
MAX CUT DEPTH:	10'-0" ASSUMED
MAX FILL DEPTH:	N/A

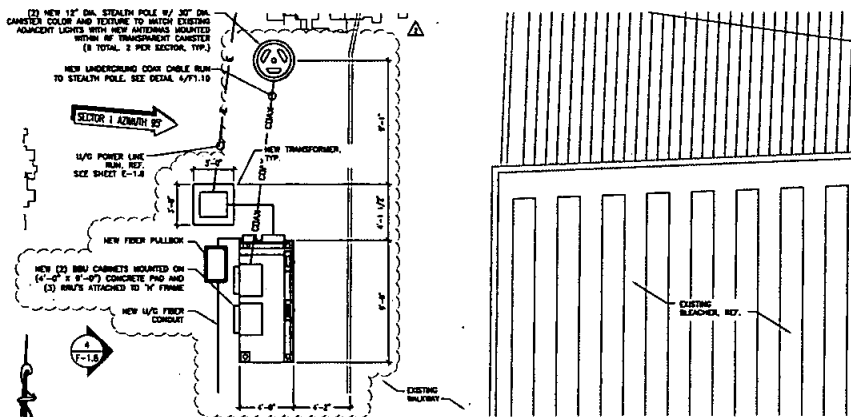
BATTERY NOTES

BATTERY NOTES (MRA):

SPEC: NSB 927T RED BATTERY
EACH BATTERY WEIGHS 55 LBS; BATTERY ELECTROLYTE (SULFURIC ACID DILUTED) IS 17% BY WEIGHT; 17% OF 55 LBS IS 11.22 LBS; 1 GAL OF DILUTED SULFURIC ACID IS APPROX. 8.5 LBS; THEREFORE 11.22 LBS / 8.5 = 1.32 GALLONS ELECTROLYTE.
4 BATTERIES X 1.32 GALLONS = 5.25 ELECTROLYTE AT EACH NODE (BSU CABINET)

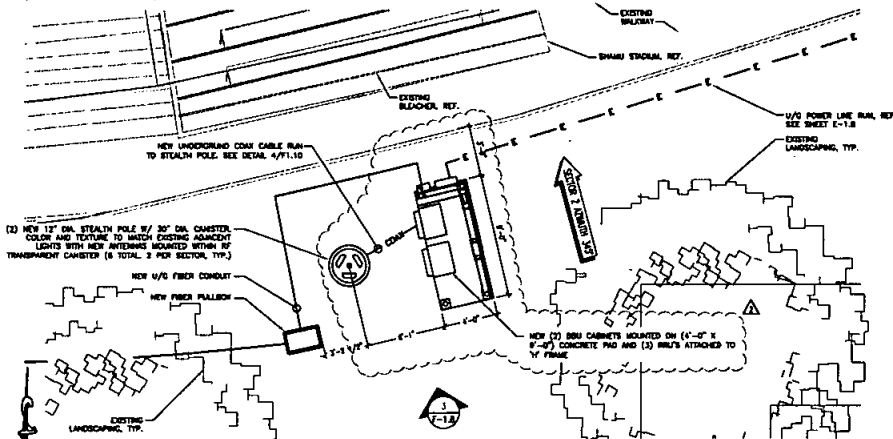
NOTES

1. THIS IS NOT A SITE SURVEY. ALL EXISTING BUILDING ORIENTATION, PARCELS AND STREET WIDTHS ARE DIAGRAMMATIC & APPROXIMATE.
2. POWER AND FIBER ROUTE IS APPROXIMATE AND SUBJECT TO CHANGE.
3. PROPOSED POLES WILL BE COLORED TO BLEND WITH THE SURROUNDING AREA AND DO NOT EXCEED EXISTING BUILDING/VEGETATION/TREE HEIGHT.
4. THE HIGHEST POINT OF THE ROOF EQUIPMENT, OR ANY VENT, PIPE, ANTENNA OR OTHER PROJECTION SHALL NOT EXCEED 30 FEET ABOVE GRADE [SMDC SECTION 132.0505]



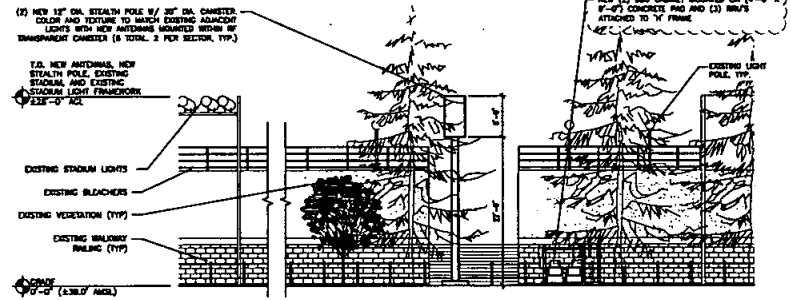
1 NODE #08A - SHAMU STADIUM ENLARGED SITE PLAN

24'x36' SCALE: 1/8" = 1'-0"
11'x17' SCALE: 1/16" = 1'-0"



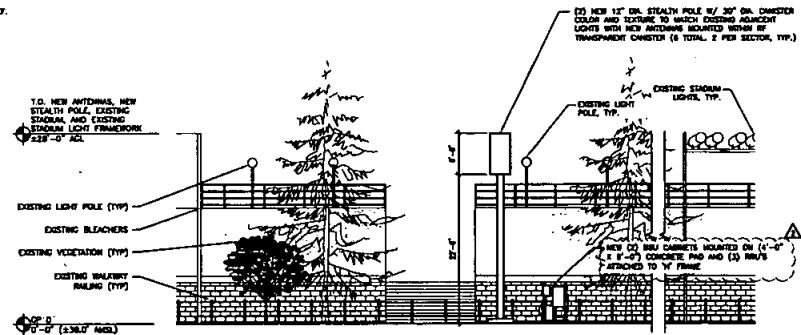
2 NODE #08B - SHAMU STADIUM: ENLARGED SITE PLAN

24'x36' SCALE: 1/8" = 1'-0"
11'x17' SCALE: 1/16" = 1'-0"



4 NODE #08A - SHAMU STADIUM WEST ELEVATION

24'x36' SCALE: 1/8" = 1'-0"
11'x17' SCALE: 1/16" = 1'-0"



3 NODE #08B - SHAMU STADIUM: SOUTH ELEVATION

24'x36' SCALE: 1/8" = 1'-0"
11'x17' SCALE: 1/16" = 1'-0"

NODE #08B - SHAMU STADIUM: PLANS, WEST & SOUTH ELEVATION

SEA WORLD SAN DIEGO
300 SEA WORLD DR.
SAN DIEGO, CA 92108
architect Mitchell J architecture



Project: 04-21-18
Date: 18
Drawn by: AS SHOWN
Checked by: AS SHOWN
Reviewed by: AS SHOWN

F-1.8

LANDSCAPE NOTES

TYPICAL EACH NODE:

PROJECT IS NOT PROPOSING ANY NEW LANDSCAPING NOR DISPLACING ANY EXISTING LANDSCAPING. PER CONDITIONS 15 AND 16 OF NUP NO. 1897348 AND NUP NO. 1897348, IF EXISTING LANDSCAPING IS DAMAGED OR REMOVED, THEN REPLACEMENT OF A SIMILAR SIZE AND SPECIES SHALL BE PLANTED TO THE SATISFACTION OF THE DEVELOPMENT SERVICES DEPARTMENT. PLEASE PROVIDE THE FOLLOWING NOTE ON THE PLANS TO ENSURE THAT MEASURES WILL BE TAKEN TO PROTECT EXISTING VEGETATION WITHIN THE LIMIT OF WORK.

EXISTING TREES TO REMAIN ON SITE WITHIN THE AREA OF WORK WILL BE PROTECTED IN PLACE. THE FOLLOWING PROTECTION MEASURES WILL BE PROVIDED:

1. A BRIGHT YELLOW OR ORANGE TEMPORARY FENCE WILL BE PLACED AROUND EXISTING TREES AT THE DRIP LINE.
2. STOCKPILING, TOPSOIL DISTURBANCE, VEHICLE USE AND MATERIAL STORAGE OF ANY KIND IS PROHIBITED WITHIN THE DRIP LINE.
3. A TREE WATERING SCHEDULE WILL BE MAINTAINED AND DOCUMENTED DURING CONSTRUCTION.
4. ALL DAMAGED TREES WILL BE REPLACED WITH ONE OF EQUAL OR GREATER SIZE.

EARTHWORK QUANTITIES

CONCRETE PAD:	
CUT QUANTITIES:	0.88 CYs
FILL QUANTITIES:	0.44 CYs
IMPORT/EXPORT:	0.44 CYs
MAX CUT DEPTH:	1.0 FT
MAX FILL DEPTH:	0.5 FT

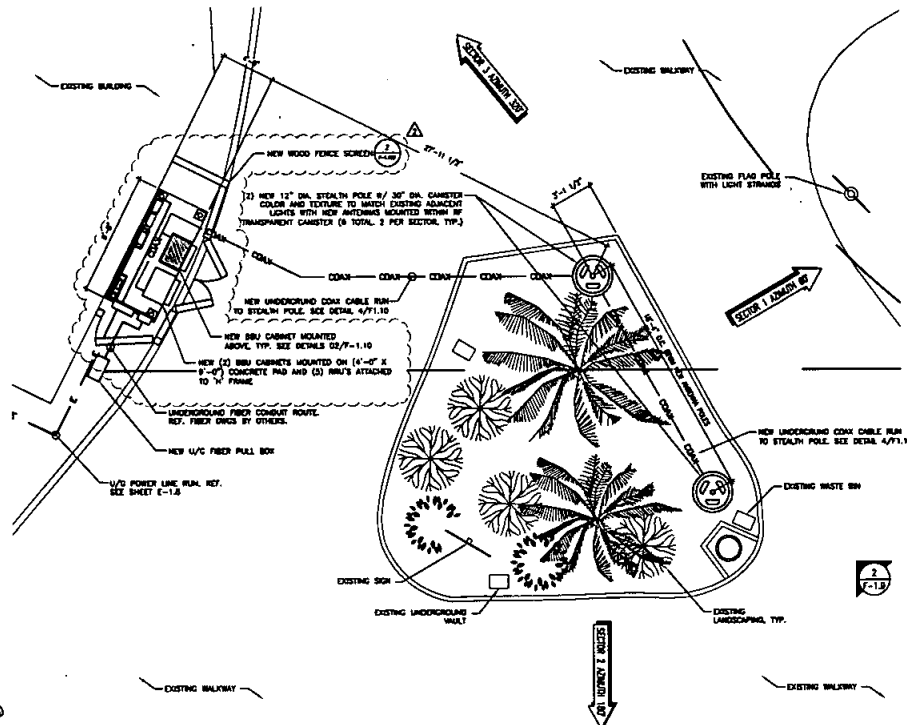
EACH POLE FOUNDATION (2 POLES TOTAL):	
CUT QUANTITIES:	7.25 CYs X 2 = 14.5 CYs
FILL QUANTITIES:	N/A
IMPORT/EXPORT:	7.25 CYs X 2 = 14.5 CYs
MAX CUT DEPTH:	10'-0" ASSUMED
MAX FILL DEPTH:	N/A

NOTES

1. THIS IS NOT A SITE SURVEY. ALL EXISTING BUILDING ORIENTATION, PARCELS AND STREET WIDTHS ARE DIAGRAMMATIC & APPROXIMATE.
2. POWER AND FIBER ROUTE IS APPROXIMATE AND SUBJECT TO CHANGE.
3. PROPOSED POLES WILL BE COLORED TO BLEND WITH THE SURROUNDING AREA AND DO NOT EXCEED EXISTING BUILDING/VEGETATION/TREE HEIGHT.
4. THE HIGHEST POINT OF THE ROOF EQUIPMENT, OR ANY VENT, PIPE, ANTENNA OR OTHER PROJECTION SHALL NOT EXCEED 30 FEET ABOVE GRADE (SMDC SECTION 132.0505)

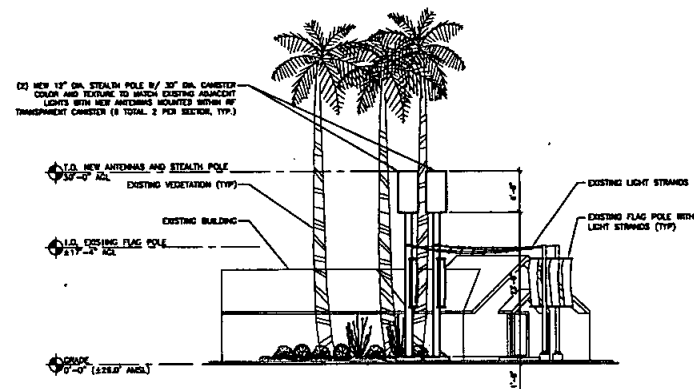
BATTERY NOTES

BATTERY NOTES (MBA):
SPEC: NSB 82FT RED BATTERY
EACH BATTERY WEIGHS 88 LBS; BATTERY ELECTROLYTE (SULFURIC ACID DILUTED) IS 17% BY WEIGHT; 17% OF 88 LBS IS 11.22 LBS; 1 GAL OF DILUTED SULFURIC ACID IS APPROX. 8.5 LBS; THEREFORE 11.22 LBS / 8.5 = 1.32 GALLONS ELECTROLYTE.
4 BATTERIES X 1.32 GALLONS = 5.25 ELECTROLYTE AT EACH NODE (BBV CABINET)



1 **NODE #09 - SMOKE HOUSE: ENLARGED SITE PLAN**

24"x36" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"



2 **NODE #09 - SMOKE HOUSE: SOUTHEAST ELEVATION**

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/16" = 1'-0"

NODE #09 - SMOKE HOUSE: PLANS & SOUTHEAST ELEVATION

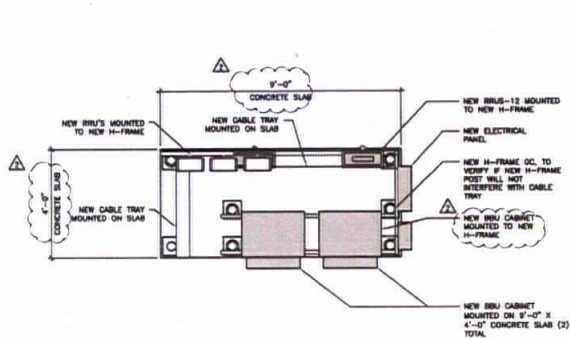
SEA WORLD SAN DIEGO
300 SEA WORLD DR
SAN DIEGO, CA 92110

CROWN CASTLE

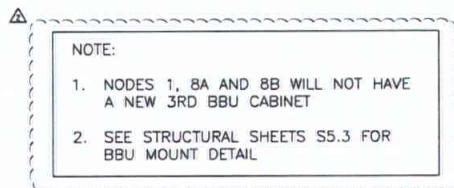
architecture Mitchell J architecture

Project	05-21-18
Drawn by	JA
Checked by	MP
Scale	AS SHOWN
Author	Patricia B. Anderson

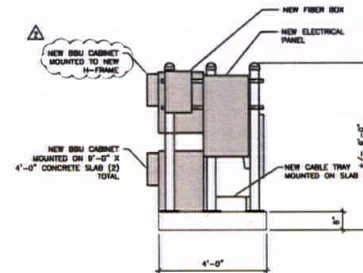
F-1.9



1 **TYPICAL ENLARGED PAD WITH EQUIPMENT**
SCALE: 1/2" = 1'-0"
TYPICAL FOR NODES 1,2,3,4,7,8A AND 8B



2 **NEW EQUIPMENT FRONT ELEVATION**
SCALE: 1/2" = 1'-0"



3 **EQUIPMENT ELEVATION**
SCALE: 1/2" = 1'-0"

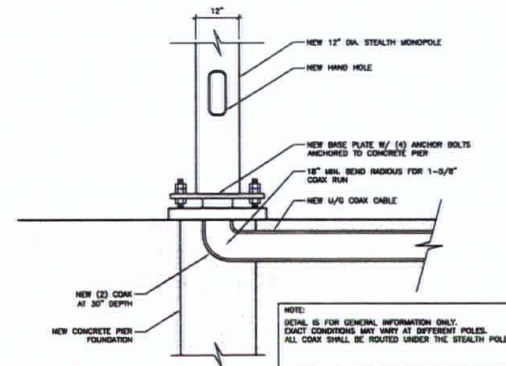
SUBGRADE AND BASE PREPARATION:

1. FOR SLAB-ON-GRADE CONSTRUCTION IT WILL BE NECESSARY TO OVER EXCAVATE THE SITE BY AT LEAST 8" OF THE MINIMUM DRY UNIT WEIGHT WITH A MOISTURE CONTENT WITHIN 2% OF THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY THE MODIFIED PROCTOR TEST (ASTM D-1557). COMPACTION REQUIREMENTS APPLY TO BACKFILL FOR UTILITY TRENCHES AND FOUNDATION EXCAVATIONS WITHIN THE STRUCTURES, DRIVEWAYS, OR PARKING LOT AREAS.
2. COMPACTION SHALL BE ACCOMPLISHED BY PLACING THE FILL IN SUCCESSIVE, HORIZONTAL, APPROXIMATELY 8" TO 12" INCH LOOSE LIFT AND MECHANICALLY COMPACTING EACH LIFT TO AT LEAST THE SPECIFIED MINIMUM DRY DENSITY.
3. ANY ORGANIC MATERIAL, DELETERIOUS MATERIAL, OR DISTURBED SOIL SHALL BE REMOVED FROM PLATWORK AREAS.
4. THE GROUND SURFACE SURROUNDING EXTERIOR STRUCTURES SHALL BE SLOPED TO DRAIN AWAY IN ALL DIRECTIONS.

CONCRETE NOTES:

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH A.C.I. 301, A.C.I. 318 AND THE SPECIFICATION CAST-IN-PLACE CONCRETE.
2. UNLESS NOTED OTHERWISE, ALL CAST-IN-PLACE CONCRETE SHALL BE NORMAL WEIGHT, AIR ENTRAINMENT CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 POUNDS PER SQUARE INCH AT 28 DAYS. TYPE I-4 PORTLAND CEMENT WILL BE USED WITH A MAXIMUM AGGREGATE SIZE OF 3/4" AND 6% AIR ENTRAINMENT. ALL CONCRETE WILL HAVE A MAXIMUM WATER/CEMENT (W/C) RATIO OF 0.45.
3. ALL CONCRETE PLATWORK SHALL BE STIFF BROOM FINISH AND HAVE A SLOPE OF 1/8" PER FOOT UNLESS NOTED OTHERWISE.
4. REINFORCING BARS SHALL BE NEW BILLET STEEL CONFORMING TO A.S.T.M. A615, GRADE 60, DEFORMED.
5. DETAIL FABRICATE AND ERECT REINFORCEMENT BARS, INCLUDING BAR SUPPORTS, SPACERS, ETC. IN ACCORDANCE WITH "DETAILING OF CONCRETE REINFORCEMENT" (A.C.I. 318-88, REV. 1990).
6. UNLESS OTHERWISE NOTED, ALL LAP SPICES SHALL BE CLASS B CONFORMING TO A.C.I. 318-88.
7. A CHAMFER OF 3/4" SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE IN ACCORDANCE WITH A.C.I. 301 SECTION 4.5.4 UNLESS OTHERWISE NOTED.
8. CONCRETE WORK SHALL BE COORDINATED WITH THE MECHANICAL EQUIPMENT, AND ELECTRICAL WORK TO ASSURE THAT ALL EFFECTED PIPES, CONDUITS, INSERTS, ETC. ARE IN PLACE AND VERIFIED BEFORE PLACING CONCRETE.
9. CONCRETE COVER FOR REINFORCING BARS SHALL CONFORM TO THE FOLLOWING UNLESS INDICATED OTHERWISE ON THE DRAWINGS:
-CONCRETE EXPOSED TO WEATHER OR IN CONTACT WITH GROUND - 2 INCHES
-CONCRETE CAST AGAINST EARTH - 4 INCHES
10. COORDINATE LOCATION OF THE STEEL ANCHOR BOLTS WITH STEEL FABRICATOR PRIOR TO INSTALLATION IN FIELD.
11. CONTRACTOR SHALL PROVIDE SLEEVES FOR ALL WALL/SLAB PENETRATIONS (PIPING, CONDUIT, ETC.) TO ALLOW COAX TO ENTER UNDERGROUND EQUIPMENT SLAB.

5 **CONCRETE NOTES**
NOT TO SCALE



4 **MONOPOLE W/ UNDERGROUND COAX RUN**
SCALE: 1/4" = 1'-0"

No.	Revision/Issue	Date
1	CLIENT REVIEW	05-21-18
2	CLIENT COMMENTS	05-21-18
3	BP SUBMITTAL	07-08-18

ENLARGED EQUIPMENT CONCRETE PAD & ELEVATIONS

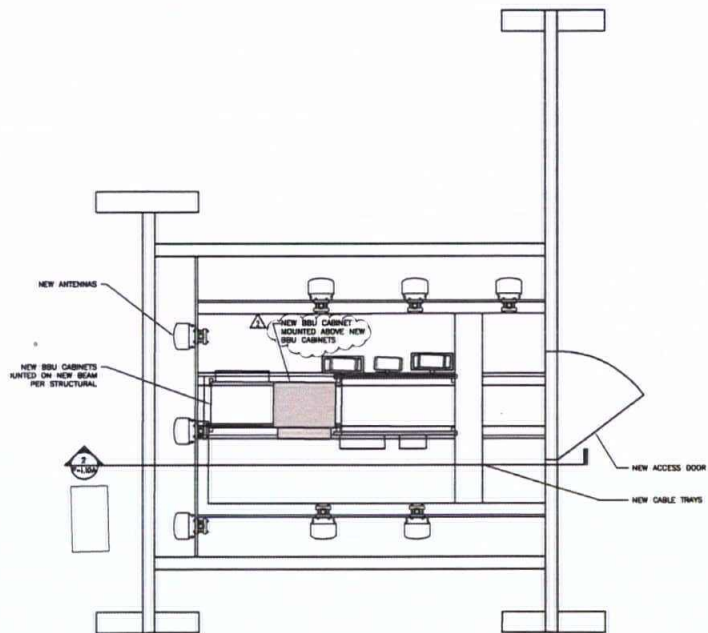
SEA WORLD SAN DIEGO
400 SEA WORLD DR
SAN DIEGO, CA 92109

architect
Mitchell J. architecture



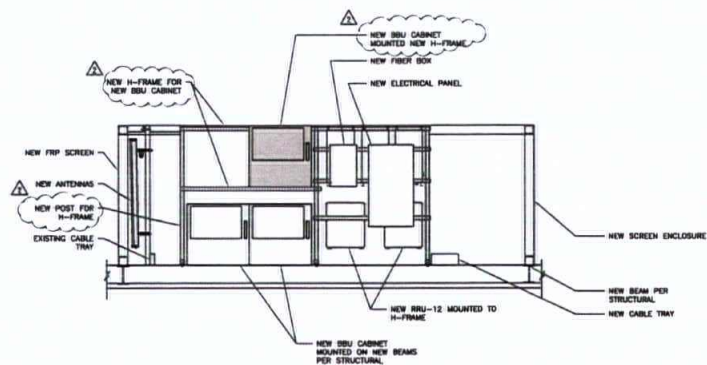
Project: _____
Date: 04-21-18
Drawn by: tj
Checked by: mjc
Scale: AS SHOWN

F-1.10



1 NODE #06 PENGUIN: ENLARGED PLAN

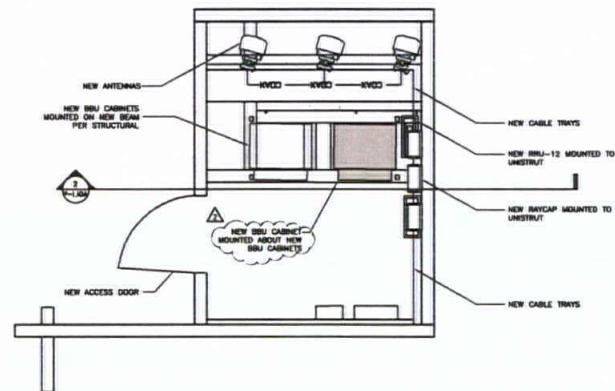
SCALE: 1/2" = 1'-0"



2 NODE #06 PENGUIN: SECTION

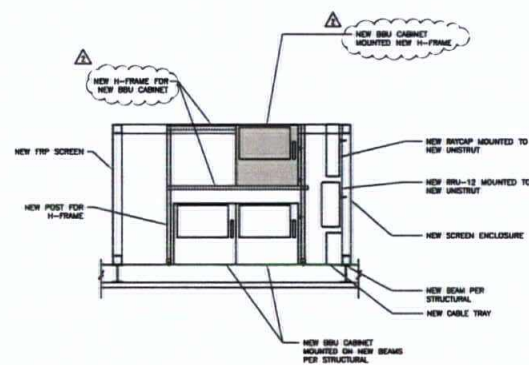
SCALE: 1/2" = 1'-0"

- NOTE:**
1. NODES 1, 8A AND 8B WILL NOT HAVE A NEW 3RD BBU CABINET
 2. SEE STRUCTURAL SHEETS S3.1A AND S4.2 FOR BBU MOUNT DETAILS



3 NODE #05 MAIN ENTRANCE: ENLARGED PLAN

SCALE: 1/2" = 1'-0"



4 NODE #05 MAIN ENTRANCE: SECTION

SCALE: 1/2" = 1'-0"

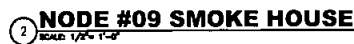
No.	Revision / Issue	Date
1	CLIENT REVIEW	04-21-18
2	CLIENT COMMENTS	05-01-18
3	REVISED BY	05-08-18



Project	
Date	04-21-18
Drawn By	AS
Checked By	
Scale	AS SHOWN

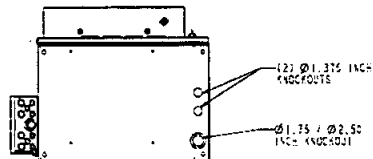
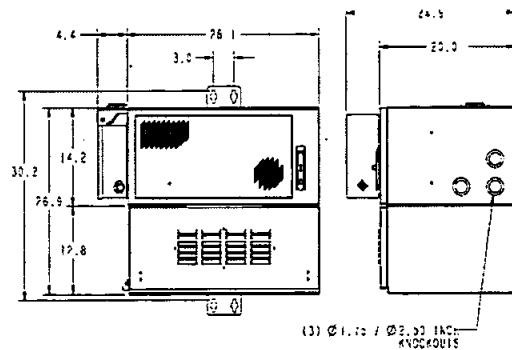
Michell J. Architecture

F-1.10A



THIS IS NOT A SITE SURVEY:

1. THE EQUIPMENT, ANTENNA, RRU & BATTERY CABINET ARE MANUFACTURED ITEMS AND FOR INFORMATION ONLY.
2. MANUFACTURED ITEMS ARE SUBJECT TO AVAILABILITY AT THE TIME OF CONSTRUCTION.



For additional product information,
please visit
www.charlesindustries.com

3 TYPICAL BATTERY CABINET

Electrical		Amphenol D15XWWG3285000				
Frequency (MHz)	696-806	806-940	1710-1830	1830-1990	1930-2170	
Gain (dB)	14.6	14.9	16.8	17.0	17.5	
Horizontal BW (°)	70	65	65	65	61	
Vertical BW (°)	17	18	8	7	6	
P1M rating (dBc)	-1.83 (2 x 90° tones)					
VSWR	1.611					
Polarization	XXX-pol (+/- 48°) x high/low band					

Mechanical		Amphenol D15XWWG3285000		750 MHz		2100 MHz	
Active type	Bidirectional Panel						
Dimensions	58.8" (h) x 18.0" (l) x 7.1" (d)						
Weight (lbs)	99.8						
Survival wind speed	125 mph						
Connectors	6 x 7/16 DDI female						
1 x Patterns		HRP	VSW	HSW	VSW		

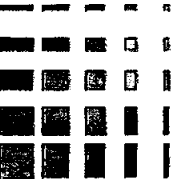
1 ANTENNA SPECIFICATION

Specification	Triscon RED's 42
Band(s)	LTE Band 42 (700 MHz), Band 4 (PCS), Band 4 (AWS)
Output power	± ± 50W
Power consumption	90W
Power supply	100-4" (height) x 18.5" (width) x 7.6" (depth)
Physical dimensions	-48 V _{ac} or external (100-250)V _{ac} power supply unit
Weight	49-5 lbs
Connectors	± ± 7/16 DIN female

2 REMOTE RADIO HEAD (RRU) SPECIFICATIONS



"CROWN DOES THE WORK"



KDC
ARCHITECTS/ENGINEERS, P.C.
5800 S. QUEBEC ST., SUITE 1000
GREENWOOD VILLAGE, COLORADO 80111
PHONE: 303.750.6999

KDC PROJECT NUMBER: 100-100000-1

245001.DSE

DRAWN BY: _____ CHECKED BY: _____
AFC _____

REV. DATE. ISSUED FOR.

A	08.25.18	2018 REVIEW
B	10.06.18	2018 JAMES

100-443887-100



SITE INFORMATION:
SITE NAME:
SEAWORLD
SAN DIEGO
SITE ADDRESS:
 5001 SEA WORLD DRIVE
 SAN DIEGO, CA 92109
SHEET TITLE:

EQUIPMENT DETAILS

SHEET NUMBER: 11

5111

5144

F-1.11

 **Real Estate
Assets**
City Consent Application

For installation / modification of Telecommunication antenna facility on City owned property

June 8, 2018
Date

The City of San Diego
Real Estate Assets Department
1200 Third Avenue, Suite 1700
San Diego, California 92101

RE: Site Name: AT&T SS0067 - Tin Shed at Sea World Project # 606288

Site Address: 500 Sea World Drive, San Diego, CA 92109, San Diego (the "Property")

Agreement: Agreement dated _____ (the "agreement") between The City of San Diego ("City") and _____, ("Lessee" or "Permittee").

AT&T Wireless is seeking Consent from the City to perform the following to the above
Applicants Name/Carrier
referenced site:

- ☒ Modify, upgrade or changes to existing equipment or Site as describe in the attached plans / photos.
- ☐ Installation of a New Wireless Communication Facility on City owned property.
- ☐ Apply for new Permit/New Agreement on existing facility - **NO** modifications or changes to Existing equipment or site.

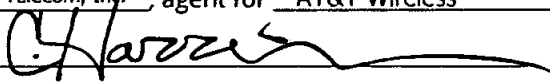
Describe proposed project below:

Remove & Replace (3) antenna & (3) RRU, Install (3) RRU, (2) rectifiers, Replace (2) DUS41 w/(2) BBU5216. Remove (6) TMA and Reinforce Antenna Mounts. No new batteries proposed. Project valuation is \$17,500.

Pursuant to Improvements and Alterations, section of the above referenced agreement, "Lessee / Permittee shall not construct any improvements, structures or installations of the Premises or make any alterations to the Premises (with the exception of equipment replacement or repairs) without City's prior written approval."

In order to comply with such requirements, AT&T Wireless would like to request City's consent to submit to Development Services Department for review of the proposed items above.

Sincerely, Chris Harrison, M&M Telecom, Inc., agent for AT&T Wireless

Applicant Signature: 

☐ A one-time, **non-refundable Processing Fee** (\$4,920 for long term agreements - \$980 for Short term or ROE Permits) payable to City Treasures, MUST be paid at the time of application. This fee applies even if the agreement is never executed.

Sea world has provided its consent and approval to allow applicant to submit application for Required Permits needed for the proposed items listed herein, **with the understanding that the Department will be allowed to review the improvement plans prior to any permits being issued** and that a pre-construction meeting will be conducted with staff before any work begins, if required.

6/25/18 Sea ATTACHED Consent LETTER from Seaworld
Date Print Name & Title Signature

City of San Diego, acknowledgement and consent for Sea world - (TIN shed)
Site Location

8/2/18 CYNTHIA THOMPSON
Date Print Name & Title Signature
OLIVER, REAL ESTATE ASSETS

For READ ONLY

- ☐ Approved and Stamped plans received and attached
- ☐ Scan as Amendment to Agreement when executed
- ☐ Processing fee received



Real Estate Assets



June 25, 2018
Sea World LLC dba Sea World San Diego
500 Sea World Dr.
San Diego, CA 92109

RE: AT&T Site ID#: SS0067 (TIN SHED @ SEA WORLD) – 10090954 LTE 5C
Site Address: 500 Sea World Dr., San Diego, CA 92109

To Whom It May Concern:

As a courtesy, AT&T would like to inform you of a site change that will take place in the next few months. Due to the ever-changing pace of technology, periodically equipment needs to be modified and/or replaced. The purpose of the modification is to improve cellular traffic capacity for businesses and residents within the surrounding community. AT&T will comply with all terms of the sublease and obtain all necessary approvals.

Please accept this correspondence as AT&T's request to modify its site at the above-referenced location. The attached drawings dated 10/05/17 outline the proposed modifications and the scope of work is as follows:

- Remove and replace (3) antennas
- Remove and replace (3) RRU's at antenna level
- Install (3) RRU's at antenna level
- Install (2) Rectifiers in (E) Power Plant
- Replace (2) DUS41 W/(2) BBU 5216 in (E) RBS6601
- Remove (6) TMA's

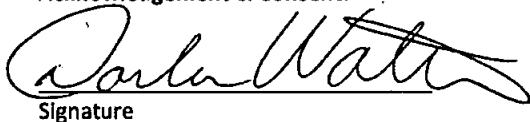
Please indicate your acknowledgement and consent of the AT&T site modifications by signing below and on the attached drawings. Additionally, if AT&T is required to obtain a zoning permit for the performance of these modifications, the permit must be secured prior to commencement of such work. In adhering with this requirement, I have attached a Letter of Authorization for your completion and signature, as required by the local jurisdiction. Please sign and return all of the attached documents to me at your earliest convenience in the enclosed self-addressed stamped envelope. If you should have any questions, please do not hesitate to contact me at (858) 692-0312 or erin.hicks@mmtelecominc.com.

Thank you for your assistance in this matter.

Sincerely,

Erin Hicks
M&M Telecom, Inc.
Consultant for AT&T Mobility

Acknowledgement & Consent:


Signature

Darlene Walter 8/1/18
Print Name and Date

619-226-3626
Phone

Darlene.walter@seaworld.com
Email

2304 Denver Street, San Diego, CA 92110 • PH (858) 692-0312 • FAX (866) 208-7916
EMAIL: erin.hicks@mmtelecominc.com



LETTER OF AUTHORIZATION

APPLICATION FOR ZONING/LAND USE ENTITLEMENTS

Site Name: SS0067 Tin Shed @ Sea World

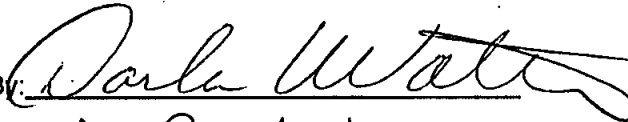
Property Address: 500 Sea World Drive, San Diego, CA 92109

Assessor's Parcel Number: 760-037-01-01

I, Darlene Walter, the owner/representative of the above described property, authorize New Cingular Wireless PCS, LLC (AT&T) its employees, representatives, agents, and/or consultants, including but not limited to M&M Telecom, Inc. to act as an agent on my behalf for the sole purpose of consummating any building or land-use applications necessary to ensure AT&T's ability to use the property for the purpose of constructing and operating a wireless communications facility. I understand that this application may be denied, modified, or approved with conditions, and that such conditions or modifications must be complied with prior to issuance of building permits and that as owner of the subject property I will cooperate with AT&T and said agents, at no cost to the owner, in order to complete said conditions.

I further understand that signing this authorization is not to be construed as a commitment of any kind, and that all land-use approvals obtained will be subject to the successful completion of lease negotiations and my approval of the project site plans.

Signature of Property Owner(s): Sea World, LLC

By: 

Title: Vice President

Date: 7-27-18

Phone/Email: 619-226-3626

CODE COMPLIANCE

2016 CALIFORNIA BUILDING CODE
2016 CALIFORNIA RESIDENTIAL CODE
2016 CALIFORNIA TITLE 24
2016 CALIFORNIA FIRE CODE
2016 CALIFORNIA ENERGY CODE
2016 CALIFORNIA PLUMBING CODE
2016 CALIFORNIA MECHANICAL CODE
2016 CALIFORNIA ELECTRICAL CODE
TIA-222-G CODE

IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL.

PROJECT DESCRIPTION

AT&T WIRELESS PROPOSES TO BUILD A WIRELESS COMMUNICATION FACILITY. THE SCOPE CONSISTS OF THE FOLLOWING:

- REMOVE AND REPLACE (2) ANTENNAS
- REMOVE AND REPLACE (3) BRULS IN ANTENNA LEVEL
- INSTALL (2) BRULS IN ANTENNA LEVEL
- INSTALL (2) RECEIVERS IN (2) POWER PLANT
- REPLACE (2) DATA 1 W/ (2) NEW DATA IN (2) RESS901
- REMOVE (6) DATA
- REINFORCE (2) ANTENNA MOUNTS

SITE INFORMATION

PROPERTY OWNER: SEA WORLD LLC 400 SEA WORLD SAN DIEGO
500 SEA WORLD DRIVE
SAN DIEGO, CA 92109

APPLICANT: AT&T WIRELESS
5738 PACIFIC CENTER BLVD.
SAN DIEGO, CA 92121

APPLICANT REPRESENTATIVE: NAMI TELECOM INC.
8000 MARCOA DRIVE
CARLSBAD, CA 92011

ZONING JURISDICTION: CITY OF SAN DIEGO

ZONING DISTRICT: RS-1-7

LATITUDE (NAD 83): 32° 45' 52.53012" N

LONGITUDE (NAD 83): 117° 13' 50.90866" W

PARCEL #: 780-037-01-01

OCCUPANCY GROUP: B

CONSTRUCTION TYPE: B-B

OTHER WIRELESS FACILITIES: NONE

POWER COMPANY: SDG&E

TELEPHONE COMPANY: AT&T

LEGAL DESCRIPTION: LOT 4 OF MAP NO. 10337 FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO, STATE OF CALIFORNIA ON FEBRUARY 24, 1982

PROJECT TEAM

PROJECT MANAGER:
MARISA HERRERA
NAMI TELECOM INC.
8000 MARCOA DRIVE
CARLSBAD, CA 92011
PHONE: (760) 872-1903
EMAIL: MARISA.HERRERA@NAMI-TELECOM.COM

SITE ACQUISITION:
JANA MATCOAK
NAMI TELECOM INC.
8000 MARCOA DRIVE
CARLSBAD, CA 92011
PHONE: (602) 355-1418
EMAIL: JANA.MATCOAK@NAMI-TELECOM.COM

RF ENGINEER:
JOSE VELAZQUEZ
AT&T
5738 PACIFIC CENTER BLVD.
SAN DIEGO, CA 92121
PHONE: (619) 762-2111
EMAIL: JOSE.VELAZQUEZ@ATT.NET

ENGINEERING:
TELECOM MANAGEMENT GROUP
14805 ANDREA VILLASUO RD
SAN DIEGO, CA 92128
PHONE: (619) 546-1976
EMAIL: SD@TELECOMMANAGEMENT.COM

CONSTRUCTION:
JOSE VELAZQUEZ
NAMI TELECOM INC.
8000 MARCOA DRIVE
CARLSBAD, CA 92011
PHONE: (760) 355-1418
EMAIL: JOSE.VELAZQUEZ@NAMI-TELECOM.COM



TIN SHED AT SEA WORLD SITE NUMBER: SS0067 LTE AWS RETROFIT / FIRSTNET

FA NUMBER: 10090954
500 SEA WORLD DRIVE
SAN DIEGO, CA 92109

VICINITY MAP



DRIVING DIRECTIONS FROM AT&T OFFICE

DIRECTIONS FROM AT&T OFFICE:

GET ON I-805 S FROM LUGB BLVD AND MIRA MESA BLVD. HEAD SOUTHWEST ON PACIFIC CENTER BLVD TOWARD MCCELLAR CT. TURN LEFT ONTO LUGB BLVD. TURN RIGHT ONTO MIRA MESA BLVD. CONTINUE ONTO JORDANVILLE VALLEY RD. RIGHT RIGHT ONTO THE INTERSTATE 805 S RAMP. FOLLOW I-805 S, ON I-805 S AND I-805 S TO W. MESSON WAY DR. TAKE EXIT 1 FROM I-805 S. MERGE ONTO I-805 S. KEEP LEFT TO STAY ON I-805 S. USE THE RIGHT 2 LANES TO TAKE EXIT 30 TO MERGE ONTO CA-163 S TOWARD DOWNTOWN. USE THE RIGHT 2 LANES TO TAKE EXIT 30 TO MERGE ONTO I-805 S. KEEP LEFT TO STAY ON I-805 S. USE THE RIGHT LANE TO TAKE EXIT 1 FOR W. MESSON WAY DR/SPORTS ARENA BLVD. FOLLOW W. MESSON WAY DR. INDIAN WY ON INDIAN WY AND PENNY COME WAY TO YOUR DESTINATION. USE THE RIGHT 2 LANES TO TURN RIGHT ONTO W. MESSON WAY DR. CONTINUE ONTO INDIAN WY. KEEP LEFT TO STAY ON INDIAN WY. TURN RIGHT ONTO PENNY COME WAY. TURN LEFT.

DESTINATION WILL BE ON THE RIGHT.

GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE, NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL WASTE IS PROPOSED.

APPROVALS

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND MAY IMPOSE CHANGES OR SITE MODIFICATIONS.

AT&T RF ENGINEER: _____ DATE: _____

AT&T CONSTRUCTION: _____ DATE: _____

AT&T PROJECT MGR.: _____ DATE: _____

CHL VENDOR: _____ DATE: _____

PLANNER: _____ DATE: _____

SITE ACQUISITION: _____ DATE: _____

SITE OWNER: _____ DATE: _____

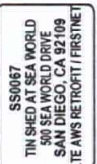
DRAWING INDEX

SHEET NO.	SHEET TITLE
T1	TITLE SHEET
T2	GENERAL NOTES
T3	GENERAL NOTES
T4	PHOTO-SOL, LGA, STORM WATER QUALITY CHECKLIST AND NOTES
A1	SITE PLAN
A2	ROOF PLAN
A3	EQUIPMENT PLAN
A4	ANTENNA PLAN AND SCHEDULE
A5	SITE CLEANSING
A6	SITE DETAILS
E1	ELECTRICAL PLAN
E2	ELECTRICAL (DC) ONE-LINE DIAGRAM
C3	GROUNDING DETAILS



NOTE:
48 HOURS PRIOR TO DIGGING,
CONTRACTOR TO NOTIFY ALL
UTILITY COMPANIES TO LOCATE
ALL UNDERGROUND UTILITIES.

Rev.	Description	Date
2	ISSUED	02-15-16
1	ISSUED	02-15-16
0	ISSUED	02-15-16



1. FOR THE PURPOSE OF CONSTRUCTION CHANGES, THE FOLLOWING DEFINITIONS SHALL APPLY:
GENERAL CONTRACTOR - SEE PROJECT TEAM IN TITLE SHEET
SUBCONTRACTOR - CONTRACTOR (CONSTRUCTION)
OWNER - "AIA"

32. THE PROPOSED FACILITY WILL BE UNMANNED AND DOES NOT REQUIRE ADEQUATE WEEDS OR SOIL REMEDIAL, AND IS NOT FOR HUMAN HABITAT (NO HAZARDOUS ACCESS REQUIRED).
33. COMPLIANCE IS LIMITED TO PROVIDING MAINTENANCE AND REPAIRS, APPROXIMATELY 2 TIMES PER MONTH, BY "LOCAL" CONTRACTORS.
34. NO OUTDOOR STORAGE OF SOLID WASTE CONTAINERS ARE PROVIDED.
35. ALL MATERIAL SHALL BE FURNISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE DESIGNING ENGINEER. "TECHNICAL INFORMATION FOR FACILITY CONSTRUCTION OF CABLES/WIRES SHALL BE" AND "TECHNICAL INFORMATION FOR FACILITY MAINTENANCE" IN CASE OF A CONFLICT BETWEEN THE CONSTRUCTION SPECIFICATION AND THE MAINTENANCE SPECIFICATION SHALL BE THE CONSTRUCTION SPECIFICATION.
36. SUBMITTER SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS REQUIRED FOR CONSTRUCTION, IF SUBMITTER CANNOT OBTAIN A PERMIT, THEY MUST OBTAIN A PERMIT FROM THE CITY OF CHANDLER.
37. SUBMITTER SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
38. INFORMATION REGARDING THE FACILITY SHALL BE OBTAINED FROM SITE VISITS AND/OR DRAWINGS PROVIDED BY THE SITE CONSTRUCTION. SHALL NOT BE OBTAINED FROM THE CITY OF CHANDLER. INFORMATION FOR THE DESIGNING ENGINEER, OR PROCEEDING WITH CONSTRUCTION.
39. NO WHITE SOLUBLE LEADS ARE PERMITTED. LEADS IF REQUIRED, WILL NEED FOR SUBMITTER TO PROVIDE A LEAD RECORD.
40. ALL DESIGN, CODE REGULATIONS TO FOLLOW UNANIMOUSLY INSTRUCTIONS AND REQUIREMENTS.
41. NO MUD, SAND, COIL, COIL, OR MATERIALS WILL REMAIN FROM THIS FACILITY. (DELETE THIS NOTE IF THE SITE WILL HAVE A CONTAINER)
42. NO ADDITIONAL PERMITS TO BE PROVIDED. CUSTOMERS ARE PROHIBITED TO REMOVE. (REMOVE THIS NOTE ACCORDING TO THE SITE CONSTRUCTION)
43. NO UNDERGROUND IS PROVIDED AT THE SITE.
44. THIS IS THE ONLY FACILITY CONSTRUCTION.

PAGE 1 - GENERAL

CLEANING, GRADING, EROSION CONTROL, SURVEY, LOGS, SUBGRADE PREPARATION
AND PAVING GRADING AS REQUIRED TO COMPLETE THE PROPOSED WORK SHOWN IN THESE PLANS.

- A. DOT (U.S. DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION—CURRENT EDITION).
- B. ASTM (AMERICAN SOCIETY FOR TESTING AND MATERIALS).
- C. OSHA (OCCUPATION SAFETY AND HEALTH ADMINISTRATION).

- 1.2. FIELD TESTING AND TESTING
 - A. FIELD TESTING OF EARTHWORK COMPACTATION AND CONCRETE CULVERTS SHALL BE PERFORMED BY SUBCONTRACTORS INDEPENDENT TESTING LAB. TESTS WORK TO BE COORDINATED BY THE OWNER.
 - B. ALL WORK SHALL BE INSPECTED AND RELEASED BY THE GENERAL CONTRACTOR WHO SHALL CARRY OUT THE GENERAL SUPERVISION OF THE WORK WITH SPECIFIC CONCENTRATIONS TO PROPER PERFORMANCE OF THE WORK AS SPECIFIED AND/OR CALL FOR ON THE DRAWINGS. IF THE SUBCONTRACTOR'S FAILURE TO RECTIFY DEFECTS WITHIN SPECIFIED TIME PERIODS HAS IMPAIRED WORK THE OWNER MAY HAVE WORK STOPPED OR OTHERWISE SUSPENDED OR OTHERWISE TO IMPACT.
- 1.3. SITE MAINTENANCE AND PROTECTION
 - A. PROVIDE ALL NECESSARY AND SITE MAINTENANCE FROM COMPLETION OF WORK LAB. LAB. COMPLETION OF THE SUBCONTRACT.
 - B. AVOID DAMAGE TO THE SITE AND TO EXISTING BUILDINGS, STRUCTURES, TREES, AND SHRUBS. ADVISORY TO REMOVE THE EXISTING WEIGHING TO PREVENT EXISTING FACILITIES THAT ARE NOT DAMAGED FOR REMOVAL FROM BEING DAMAGED BY THE WORK.
 - C. KEEP SITE FREE OF ALL PILING WASTE.
 - D. PROVIDE EROSION CONTROL MEASURES IN ACCORDANCE WITH STATE DOT AND EPA REQUIREMENTS.
 - E. PROVIDE AND IMPROVE ALL TEMPORARY FENCING, BARRICADES, WARNING SIGNALS AND SIMILAR DEVICES NECESSARY TO PROTECT AGAINST INJURY FROM PROPERTY DURING THE EXISTED PROPOSED WORK. REMOVE ALL BLOCKS OF MATERIAL FROM THE SITE.
 - F. EXISTING UTILITIES TO BE MAINTAINED OR REPAIRED OR REPLACED OR OTHERWISE OCCUPIED BY THE OWNER OR OTHERS, EXCEPT WHEN CREATING IN VIOLATION BY THE CONTRACTOR AND THEN ONLY AFTER ACCEPTABLE TEMPORARY UTILITY SERVICES HAVE BEEN PROVIDED.
 - G. PROVIDE A MINIMUM 48-HOUR NOTICE TO THE OWNER AND RECIPE WRITTEN NOTICE TO THE SUBCONTRACTOR REPAIRS AND UTILITIES.

2.1 SUITABLE BACKFILL: ASBESTOS (CLASS 1, 2, 3 OR 4) FREE FROM FRIABLE LUMP, GROUT, STONES OR ROCKS LARGER THAN 3 INCHES IN ANY DIMENSION OR OTHER MATERIAL THAT MAY HAVE THE ENHANCED MATERIAL UNSUITABLE FOR BACKFILL.

- Page 1 - Excluded**

A. BEFORE GRADING BEGINS, SITE PREPARATION ACTIVITIES, SOILS EXAMINATION AND SEEDING CONTROL, INCLUDED, THE WORK AREA SHALL BE CONSIDERED AND MAINTAINED IN SUCH CONDITION THAT IN THE EVENT OF RAIN THE SITE WILL BE PROTECTED AT ANY TIME.

B. BEFORE ALL DRAIN, LANDSC, STORM, AND IRRIGATION, EROSION AND WINDROW ALL LINES, GRASSES, CLOUTINGS AND RECONSTRUCTED MIXED FOR PROTECTION OF THE WORK.

C. CLEAR AND GRUB THE AREA WITHIN THE LIMITS OF THE SITE, REMOVE TREES, BRUSH, STUMPS, LIMBS AND OTHER DEBRIS AND MATERIALS RESTING ON OR PROTRUDING THROUGH THE SURFACE OF THE SITE AND TO BE CLOSER.

1. INDICATE THE FOLLOWING DISTANCE TO A DEPTH OF NO LESS THAN 12 INCHES BELOW THE ORIGINAL GROUND SURFACE: BOTTLE, CRUMPS, AND COVER OF CROWN, BRIM, AND REVERSE OF THE CRIMP OR CRIMPED END OF THE CRIMPED SURFACE. MARKS SHOULD BE PLACED ON THE JAW TO A DEPTH OF NO LESS THAN 6 INCHES, AND REDUCE TO A DEPTH OF 12 INCHES ALL HOLES AND OTHER DEVIANT WEAR EXPOSED.
2. REMOVE TOPSOIL, MUCK, COMPLY FROM THE SURFACE LAYER THE SOIL NO LONGER WITH THE REMOVAL OF THE TOPSOIL, AND ADD WINDY TOPSOIL, WITH SURFACE OF OTHER UNDERLIEING MATERIAL.
3. EXCEPT WHERE EXAMINATION TO DEEPER DEPTH IS INDICATED, FILL DEPRESSIONS RESULTING FROM CLEANING, GRUBBING AND GRUBBLING WORK COMPLETELY WITH SUITABLE FILL.
4. REMOVE FROM THE SITE AND DEPOSE IN AN APPROVED LANDFILL ALL DEBRIS RESULTING FROM CLOSING AND GRUBBING OPERATIONS, BURNING WILL NOT BE PERMITTED.
5. PRIOR TO EXCAVATING, THOROUGHLY CLEAN THE AREA TO BE EXCAVATED AND/OR PROCEEDED TO VERIFY THE LOCATIONS OF FEATURES INDICATED ON THE DRAWINGS AND TO RECORD THE EXISTENCE OF ANY OTHER FEATURES. RECORD THE EXISTENCE OF ANY OTHER, OR OTHER, FEAT NOT SHOWN THAT WOULD INTERFERE WITH THE PROPOSED CONSTRUCTION. NOTIFY THE SUPERVISOR IMMEDIATELY IN WRITING OF ANY OTHER FEAT THAT WILL PRESENT AN OBSTACLE TO THE WORK AS INDICATED ON THE DRAWING.
6. SEPARATE AND STOCK PILE ALL EXCAVATED MATERIALS SUITABLE FOR REUSE. ALL DEBRIS EXCAVATED AND UNDERLIEING MATERIALS SHALL BE DEPOSED OF OFF-SITE IN A LEGAL MANNER.

A. AS SOON AS PRACTICABLE, AFTER COMPLETING CONSTRUCTION OF THE RELAXED STRUCTURE, INCLUDING EXPANSION OF THE SPECIFIED MINIMUM CURBS FORMED FOR CAST-IN-PLACE CONCRETE, BACKFILL THE EXCAVATION WITH APPROVED MATERIAL TO RESTORE THE RELAXED PAVED GRADE.

1. PRIOR TO PLACING BRICK/CLAY TILE STRUCTURES, ALL FORMS SHALL BE REMOVED AND THE EXCAVATION CLOTTED OF ALL STRAITS, DITCHES, AND UNSUITABLE MATERIALS.
2. BRICK/CLAY PLACING AND COMPACTING SHOULD BE ACCORDING TO BRICK/CLAY MANUFACTURER'S OR SELECT STANDARD SPECIFICATIONS, WHICH REQUIREMENTS IN STANDARD MAINTENANCE, LISTS OF OR OTHER THAN 8-INCHES, BRICKS AND COMPACTORS AND COMPACTOR, WHEELS, AND COMPACTORS ARE USED, THE FULL BRICKS SHALL BE PLACED IN LIFTS NOT TO EXCEED 4 INCHES, LAYERS SHOULD BE COMPACTED.
3. WHENEVER THE GROUND SURFACE BEHIND THE EXCAVATION HAS NOT BEEN THE SPECIFIED DENSITY, THE BRICK/CLAY LAYERS SHALL NOT BE PLACED UNTIL THE SPECIFICATION REQUIREMENTS ARE NOT EXCEEDED OTHERWISE ALLOWED BY THE CONTRACTOR, ENGINEER, OR INSPECTOR. THE CONTRACTOR SHALL BE ACTION IN NECESSARY, SUCH AS TAMPING AND DRYING, ADDING WATER, OR REDENSING THE COMPACTED EFFORT TO MEET THE DENSITY AND LAYERS.
4. THOROUGHLY CHECK EACH LAYER OF BRICK/CLAY TO A MINIMUM OF 95 PERCENT OF THE AVAILABLE DRY DENSITY AS PROVIDED BY THE MODIFIED PROCTOR TEST, AT 4 AND 8 IN.
5. OTHER COMMENTS:

CHANGES ON AS DIRECTED BY THE GENERAL CONTRACTOR, PROVIDE SPOILING, SHEDDING AND SWAGING AS REQUIRED TO PREVENT GROUND OR SLOPING OF THE TRENCH WALLS.

B. EXTEND THE TRENCH WITHIN A MINIMUM OF 8 INCHES BEYOND THE OUTSIDE EDGE OF THE OUTERMOST CONDUIT.

C. WHEN SOFT YIELDING, OR OTHERWISE UNSUITABLE SOIL CONDITIONS ARE ENCOUNTERED, BACKFILL AT THE REQUIRED TRENCH TO A DEPTH OF NO LESS THAN 12 INCHES BELOW THE REQUIRED DRAINAGE AND BACKFILL WITH GRANULAR BEDDING MATERIAL.

- 3.4 TRENCH BACKFILL:
- PREPARE CIRCULAR BIDDING MATERIAL IN ACCORDANCE WITH THE DRAWINGS AND THE UCLITY REQUIREMENTS.
 - NOTIFY THE GENERAL CONTRACTOR 34 HOURS IN ADVANCE OF BACKFILLING.
 - CONDUCT UCLITY CHECK TESTS BEFORE BACKFILLING, BACKFILL AND COMPACT TRENCH BEFORE ACCEPTANCE TESTING.

D. PLACE VAPORBARRIER SHEATHING UNIFORMLY ON BOTH SIDES OF PIPE CONDUITS IN 8-INCH UNCOMPRESSED LIFTS LABEL 12 INCHES OVER THE CONDUITS. SECURELY RUN AND TAMP BACKFILL INTO SPACE AROUND CONDUITS.

E. PROTECT CONDUIT FROM LATERAL MOVEMENT, IMPACT DAMAGE, OR UNBALANCED LOADING.

7. ABOVE THE CONCRETE EXHIBITION ZONE, PLACE AND COMPACT SUFFICIENT BAGGELL MATERIAL IN 8-INCH MAXIMUM LOOSE THICKNESS LIFTS TO EXTEND THE REQUIRED FINISHED SURFACE GRADE.
8. COMPACT FINAL THICKNESS BAGGELL TO A DENSITY EQUAL TO OR GREATER THAN THAT OF THE EXISTING UNDERLAINING MATERIAL, IMMEDIATELY ADJACENT TO THE TRENCH BUT NO LESS THAN A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS PROVIDED BY THE MODIFIED AUSTRIAN TEST METHOD.

A. CLEAR, GRUB, STUMP AND EXPOSE FOR THE ACCESS ROAD TO THE LINES AND GRINDS INDICATED ON THE CHAINING. SHORRY TO A DEPTH OF 6 INCHES AND PLOW-BOLL. ALL HOLES, BLDS, SOFT PLACES AND OTHER DEFECTS SHALL BE CORRECTED.

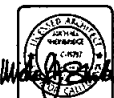
- C. AFTER PREPARATION OF THE SUBURGE IS COMPLETE THE RESISTIBLE FABRIC (ARMO BOON) SHALL BE INSTALLED TO THE LIMITS INDICATED ON THE DRAWINGS BY ROLLING THE FABRIC OUT LONGITUDINALLY ALONG THE BOWDOY. THE FABRIC SHALL NOT BE DRAGGED ACROSS THE SUBURGE. PLACE THE ENTIRE ROLL IN A SINGLE OPERATION, ROLLING OUT AS SMOOTHLY AS POSSIBLE.

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2A MOO | 02-15-18 |
| 1 | 100% CD | 10-06-17 |
| 0 | 100% CD | 08-14-17 |
| Row | Description | Date |



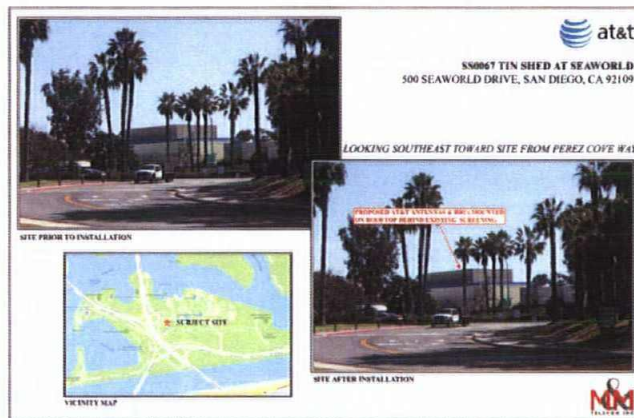
GENERAL NOTES

SS0067
TIN SHED AT SEA WORLD
500 SEA WORLD DRIVE
SAN DIEGO, CA 92109
TE AWS RETROFIT / FIRSTNET



Project Number:	
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Checked by	ENC
Sheet No	

T2

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5736 PACIFIC
CENTER BLVD.
SAN DIEGO, CA 92121

PHOTO-SIM, LOA STORM WATER CHECKLIST & NOTES

SS0067
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500 SEA WORLD DRIVE
SAN DIEGO, CA 92109
LITE AWS RETROFIT / FIRSTNET

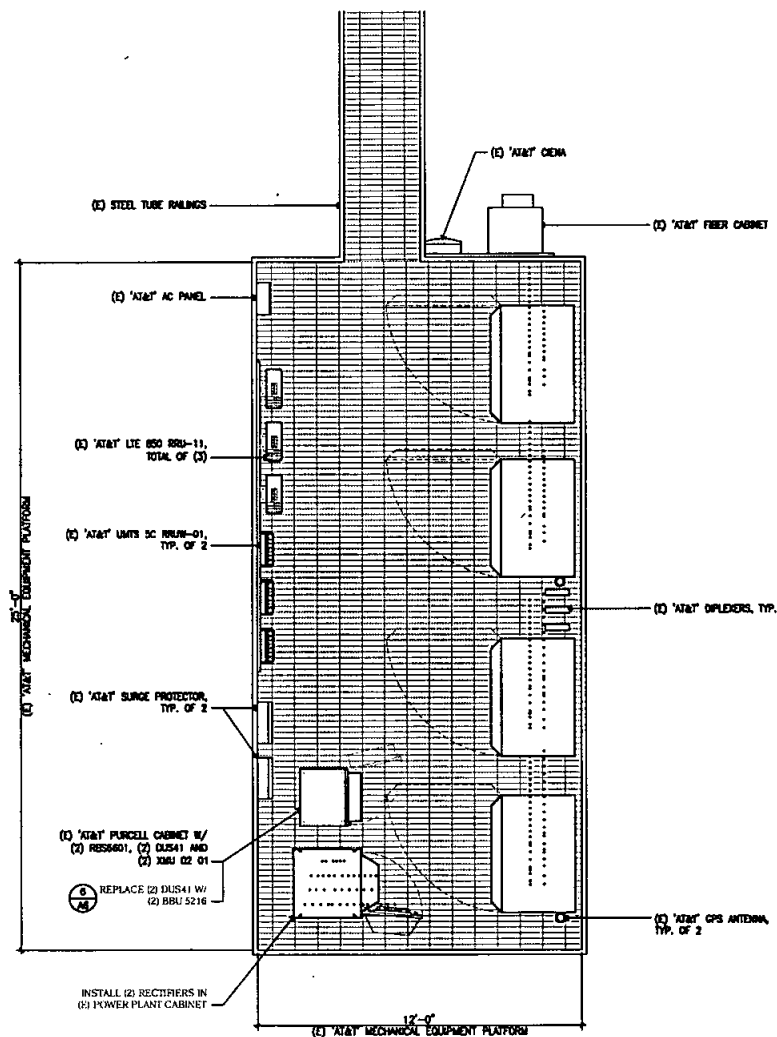


TELECOM
MANAGEMENT GROUP
Solutions Done Right

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Checked by ERO
Sheet No. T4

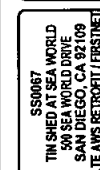
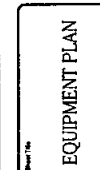
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NOTES:
NO NEW BATTERIES WILL BE
ADDED FOR THIS PROJECT.



ENLARGED EQUIPMENT PLAN 1/2" = 1'-0" 2

Rev.	Description	Date
2	100% CD	02-15-16
1	100% CD	10-06-17
0	10% CD	06-16-17

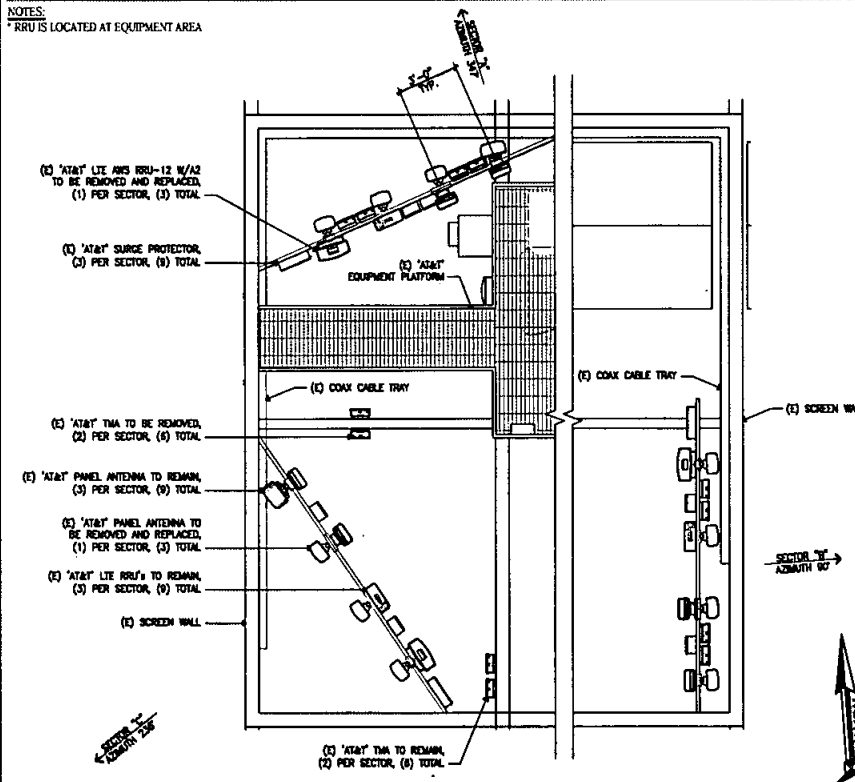


Project Number	
Drawn by	CRD/JP
Checked by	ENO
Sheet No.	A3

EXISTING ANTENNA SCHEDULE							
SECTOR	TECHNOLOGY	ANTENNA			RRU MODEL / QTY.	TMA / FILTER MODEL / QTY.	TRANSMISSION LINES (SIZE / LENGTH FT +/- 5')
		MAKE / MODEL	AZIMUTH	RAD CENTER			
ALPHA SECTOR	1. LTE 700/ LTE 1900	CCI HPA-63R-BLU-H8	347	28'-6"	RRU-11 (1) / RRU-32 (1)	-	FIBER
	2. LTE 850/ LTE WCS	COMSCAPE SBNH-1063B	347	28'-6"	*RRU-11 (1) / RRU-32 (1)	KRY 112 75/1 (2)	(2) 7/8" COAX 35' FIBER
	3. UITS 850/1900	COMSCAPE SBNH-1063B	347	28'-6"	-	KRY 112 75/1 (2)	(2) 7/8" COAX 35'
	4. LTE AWS	COMSCAPE SBNH-1063B	347	28'-6"	RRU-12442 (1)	-	FIBER
BETA SECTOR	1. LTE 700/ LTE 1900	CCI HPA-63R-BLU-H8	90	28'-6"	RRU-11 (1) / RRU-32 (1)	-	FIBER
	2. LTE 850/ LTE WCS	COMSCAPE SBNH-1063B	90	28'-6"	*RRU-11 (1) / RRU-32 (1)	KRY 112 75/1 (2)	(2) 7/8" COAX 35' FIBER
	3. UITS 850/1900	COMSCAPE SBNH-1063B	90	28'-6"	-	KRY 112 75/1 (2)	(2) 7/8" COAX 35'
	4. LTE AWS	COMSCAPE SBNH-1063B	90	28'-6"	RRU-12442 (1)	-	FIBER
GAMMA SECTOR	1. LTE 700/ LTE 1900	CCI HPA-63R-BLU-H8	238	28'-6"	RRU-11 (1) / RRU-32 (1)	-	FIBER
	2. LTE 850/ LTE WCS	COMSCAPE SBNH-1063B	238	28'-6"	*RRU-11 (1) / RRU-32 (1)	KRY 112 75/1 (2)	(2) 7/8" COAX 35' FIBER
	3. UITS 850/1900	COMSCAPE SBNH-1063B	238	28'-6"	-	KRY 112 75/1 (2)	(2) 7/8" COAX 35'
	4. LTE AWS	COMSCAPE SBNH-1063B	238	28'-6"	RRU-12442 (1)	-	FIBER

NOTES:

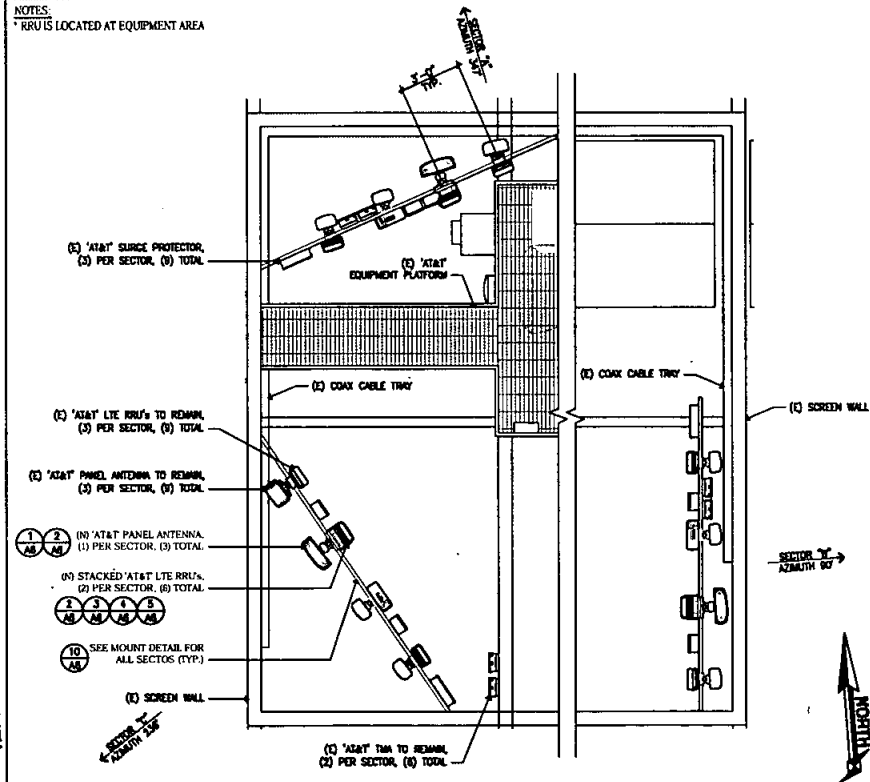
* RRU IS LOCATED AT EQUIPMENT AREA



NEW ANTENNA SCHEDULE							
SECTOR	TECHNOLOGY	ANTENNA			RRU MODEL / QTY.	TMA / FILTER MODEL / QTY.	TRANSMISSION LINES (SIZE / LENGTH FT +/- 5')
		MAKE / MODEL	AZIMUTH	RAD CENTER			
ALPHA SECTOR	1. LTE 700/ LTE 1900	CCI HPA-63R-BLU-H8	347	28'-6"	RRU-11 (1) / RRU-32 (1)	-	FIBER
	2. FIRSTNET/ LTE AWS	KATHREIN 800-10964K	347	28'-6"	RRU B14 4478 (1) / RRU-32 (1)	-	FIBER
	3. UITS 850/1900	COMSCAPE SBNH-1063B	347	28'-6"	-	KRY 112 75/1 (2)	(2) 7/8" COAX 35'
	4. LTE 850/ LTE WCS	COMSCAPE SBNH-1063B	347	28'-6"	*RRU-11 (1) / RRU-32 (1)	-	(2) 7/8" COAX 35' FIBER
BETA SECTOR	1. LTE 700/ LTE 1900	CCI HPA-63R-BLU-H8	90	28'-6"	RRU-11 (1) / RRU-32 (1)	-	FIBER
	2. FIRSTNET/ LTE AWS	KATHREIN 800-10964K	90	28'-6"	RRU B14 4478 (1) / RRU-32 (1)	-	FIBER
	3. UITS 850/1900	COMSCAPE SBNH-1063B	90	28'-6"	-	KRY 112 75/1 (2)	(2) 7/8" COAX 35'
	4. LTE 850/ LTE WCS	COMSCAPE SBNH-1063B	90	28'-6"	*RRU-11 (1) / RRU-32 (1)	-	(2) 7/8" COAX 35' FIBER
GAMMA SECTOR	1. LTE 700/ LTE 1900	CCI HPA-63R-BLU-H8	238	28'-6"	RRU-11 (1) / RRU-32 (1)	-	FIBER
	2. FIRSTNET/ LTE AWS	KATHREIN 800-10964K	238	28'-6"	RRU B14 4478 (1) / RRU-32 (1)	-	FIBER
	3. UITS 850/1900	COMSCAPE SBNH-1063B	238	28'-6"	-	KRY 112 75/1 (2)	(2) 7/8" COAX 35'
	4. LTE 850/ LTE WCS	COMSCAPE SBNH-1063B	238	28'-6"	*RRU-11 (1) / RRU-32 (1)	-	(2) 7/8" COAX 35' FIBER

NOTES:

* RRU IS LOCATED AT EQUIPMENT AREA



7	10/1/10	10/1/10
7	10/1/10	10/1/10
7	10/1/10	10/1/10
7	10/1/10	10/1/10
7	10/1/10	10/1/10

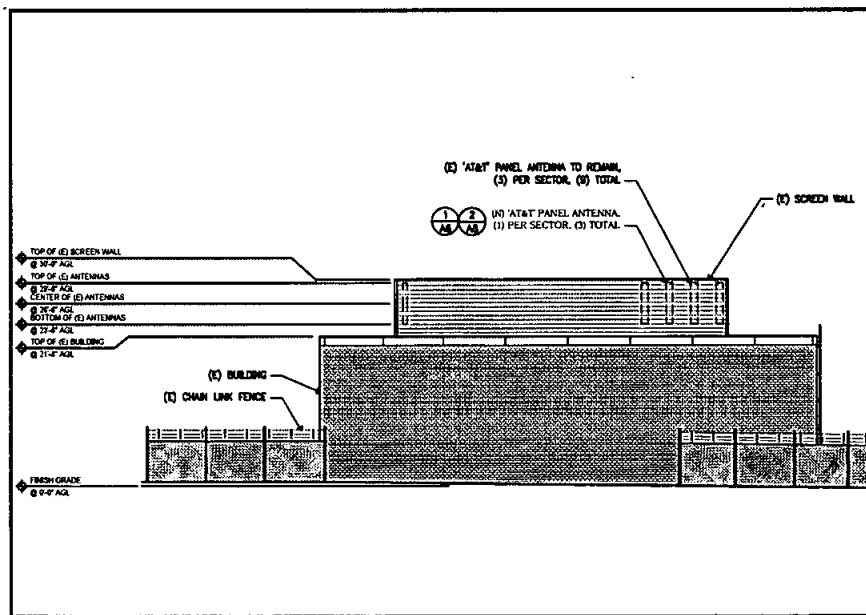


ANTENNA PLAN
AND SCHEDULE

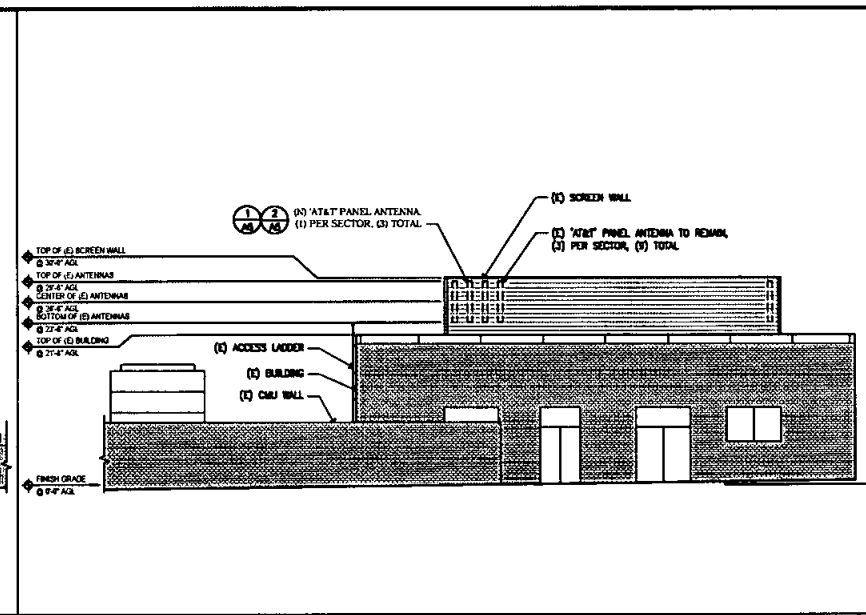
SS0067
TIN SHED AT SEA WORLD
500 SEA WORLD DRIVE
SAN DIEGO, CA 92109
LTE AWS RETROFIT / FIRSTNET



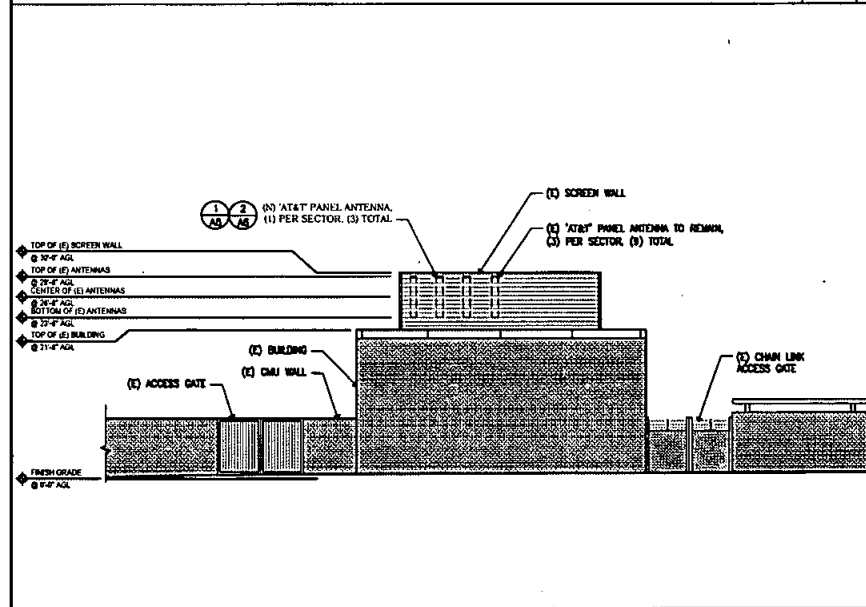
Project Number
Drawn by: ENO/MP
Checked by: ENO
Sheet No: A4



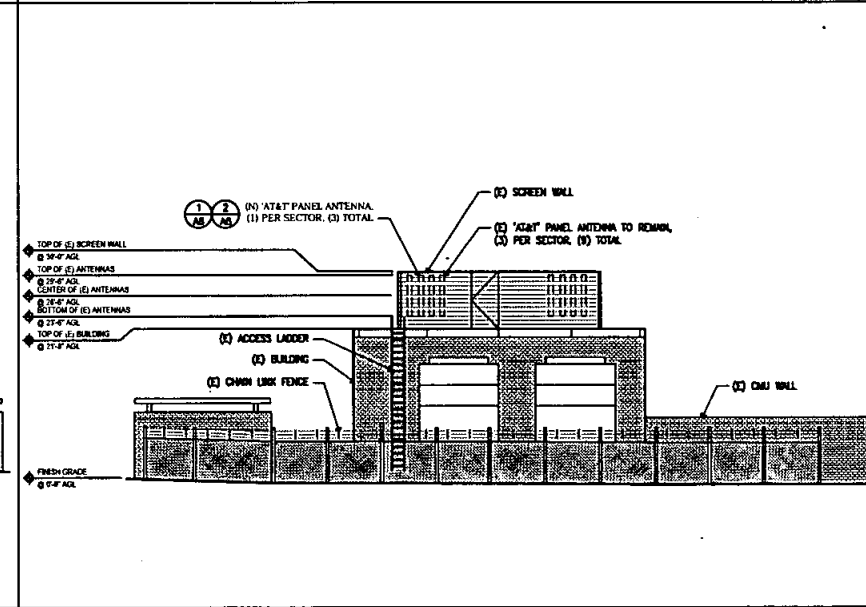
(N) NORTH ELEVATION 1/8" = 1'-0" 1



(N) SOUTH ELEVATION 1/8" = 1'-0" 3



(N) EAST ELEVATION 1/8" = 1'-0" 2



(N) WEST ELEVATION 1/8" = 1'-0" 4

Sheet No.	Revision	Date	By	Check
1	10/20/07	10/20/07	SS/067	
2	10/20/07	10/20/07	SS/067	
3	10/20/07	10/20/07	SS/067	
4	10/20/07	10/20/07	SS/067	
5	10/20/07	10/20/07	SS/067	
6	10/20/07	10/20/07	SS/067	
7	10/20/07	10/20/07	SS/067	
8	10/20/07	10/20/07	SS/067	
9	10/20/07	10/20/07	SS/067	
10	10/20/07	10/20/07	SS/067	



SITE ELEVATIONS

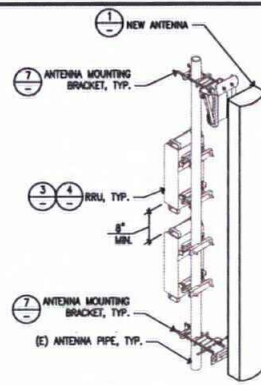
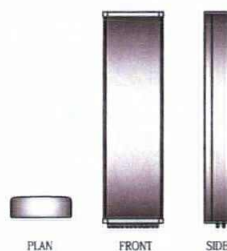
SS0067
TIN SHED AT SEA WORLD
500 SEA WORLD DRIVE
SAN DIEGO, CA 92109
LIE AWS RETROFIT / FIRSTNET



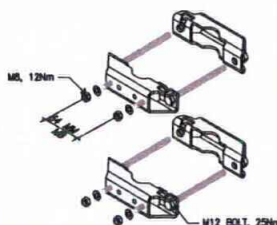
Project Number: _____
 Drawn by: **SS/067**
 Checked by: **SS/067**
 Sheet No.: **A5**

KATHREIN 80010964K

DIMENSIONS, LxWxD: 1489 x 508 x 175mm
(59" x 20" x 6.9")
WEIGHT (W/O UT CLAMP): 39 kg (83.8 lbs)
CONNECTOR: 8 x 4.3-10 FEMALE



KATHREIN : 2 X 738 546 MOUNTING KIT



MOUNTING OPTIONS:
MODEL: 2 X 738 546
(INCLUDED):
DESCRIPTION: MOUNTING KIT FOR 2 TO 4.8 INCH (50 TO 115 MM) OD MAST.
4.4 LB (2 KG)
WIND LOAD CATEGORY: LIGHT / MEDIUM / HEAVY
850 10008
TILT MOUNT KIT
0-15 DEGREES DOWN TILT ANGLE
9.5 LB (4.3 KG)

ANTENNA SPECIFICATIONS

NTS

1

ANTENNA/RRU MOUNTING

NTS

2

ANTENNA MOUNTING KIT

NTS

7

NOT USED

NTS

8

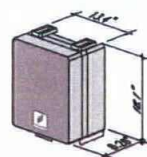
NOT USED

NTS

11

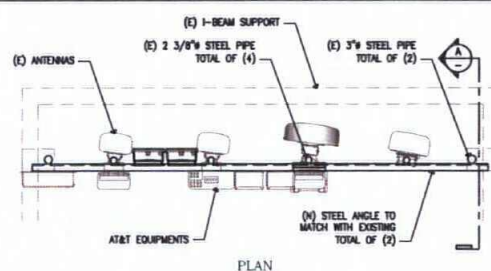
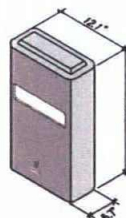
ERICSSON B14 4478

DIMENSIONS, WxDxH: 13.4"x6.26"x1.1"
WEIGHT: 58.4 lbs (27 Kg)
MAX WIND LOAD: 50M/SEC = 280N
BREAKER SIZE: 25A



ERICSSON RRUS-32

DIMENSIONS, WxDxH: 12.1"x6.7"x26.7"
WEIGHT: 24 Kg/53 lbs
(W/O MOUNTING HARDWARE): CPRI 2 PORTS x 10 Gbps
FREQUENCY: 866
BREAKER: 30A
OUTPUT POWER (WATTS): 850



(N) RRU SPECIFICATIONS

NTS

3

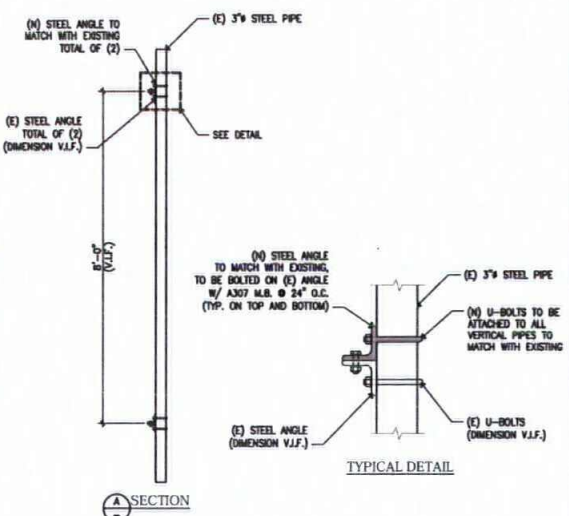
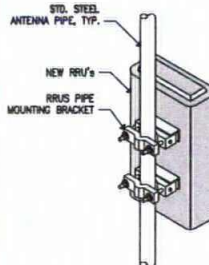
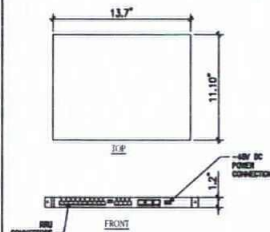
(N) RRU SPECIFICATIONS

NTS

3

ERICSSON BBU 5216

DIMENSIONS, WxDxH: 350x282x30mm
(13.7"x11.1"x1.2")
NOMINAL OPERATING VOLTAGE: 48 VDC
TOTAL WEIGHT: ± 4.62 lbs



(N) RRU MOUNTING

NTS

5

(N) BBU5216 SPECS

NTS

6

ANTENNA MOUNT MODIFICATION DETAIL

NTS

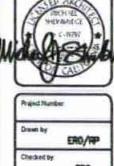
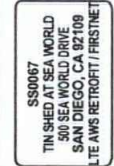
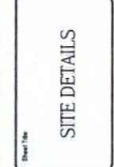
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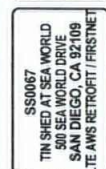
NTS

13

Rev	Description	Date
2	SWITCH	12-15-18
1	SWITCH	12-15-18
1	SWITCH	12-15-18
1	SWITCH	12-15-18
1	SWITCH	12-15-18



2	ISSN 101	03-10-18
1	ISSN 102	03-10-18
1	ISSN 103	03-10-18
1	ISSN 104	03-10-18
1	ISSN 105	03-10-18
1	ISSN 106	03-10-18
1	ISSN 107	03-10-18
1	ISSN 108	03-10-18
1	ISSN 109	03-10-18
1	ISSN 110	03-10-18
1	ISSN 111	03-10-18
1	ISSN 112	03-10-18
1	ISSN 113	03-10-18
1	ISSN 114	03-10-18
1	ISSN 115	03-10-18
1	ISSN 116	03-10-18
1	ISSN 117	03-10-18
1	ISSN 118	03-10-18
1	ISSN 119	03-10-18
1	ISSN 120	03-10-18

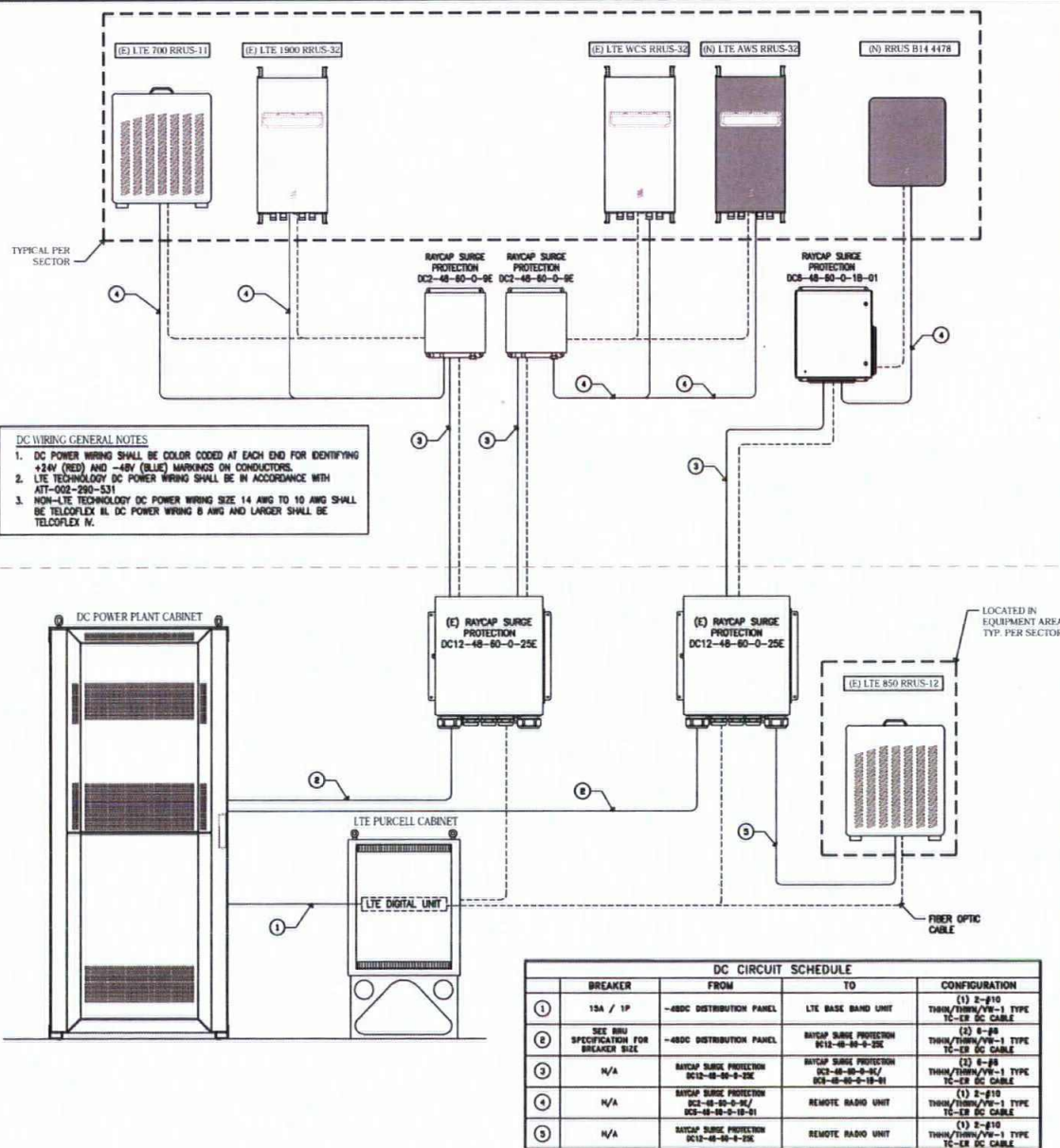


Project Number: _____

Drawn by: **END/FP**

Checked by: **END**

Sheet No: **E2**



ELECTRICAL DC ONE-LINE DIAGRAM

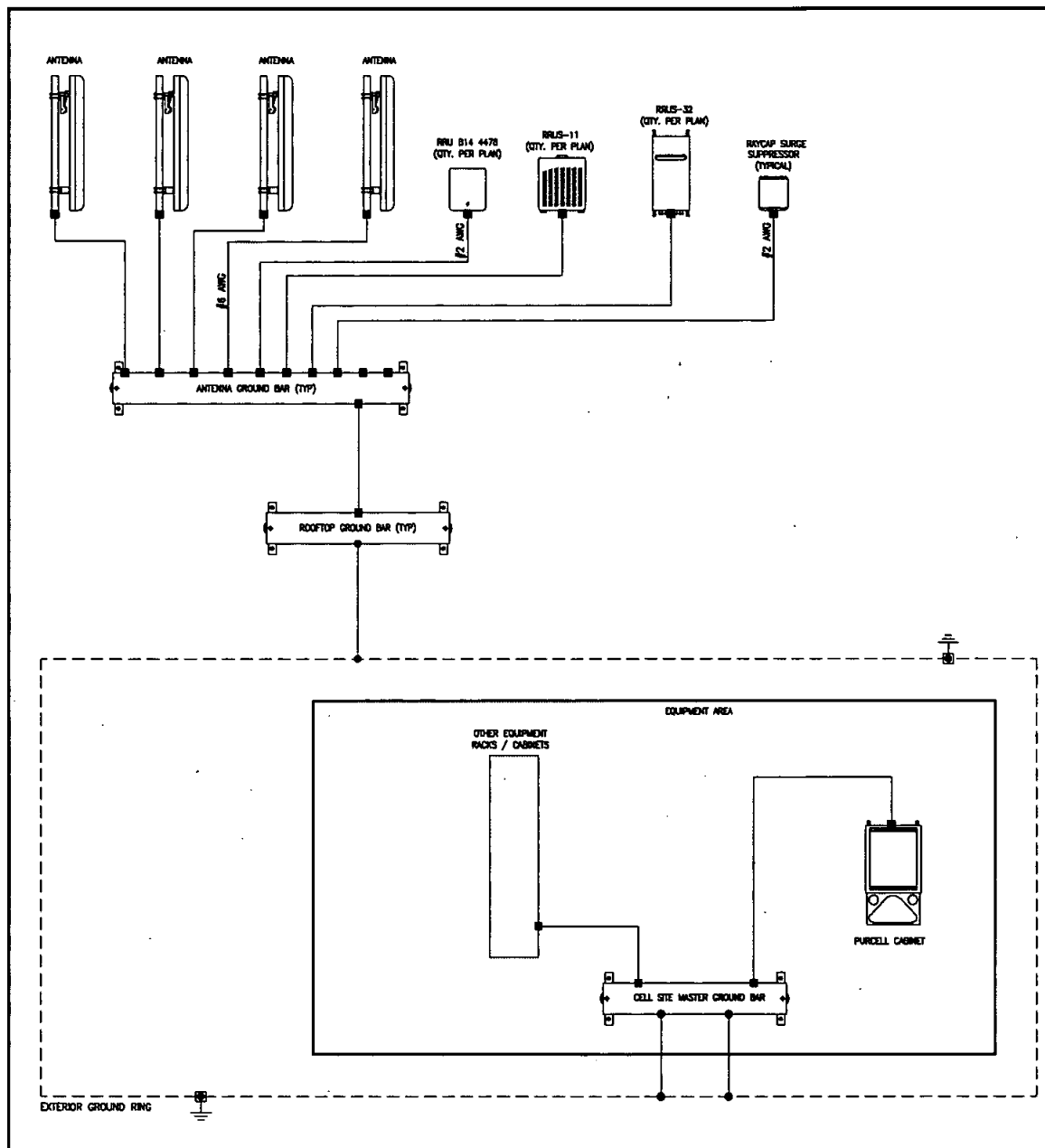
NTS

1

NOT USED

NTS

2

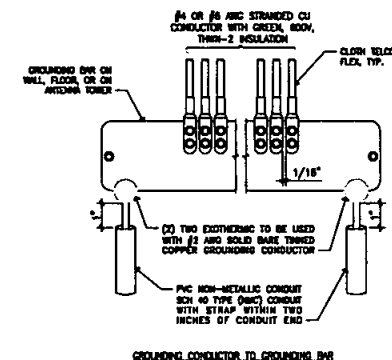
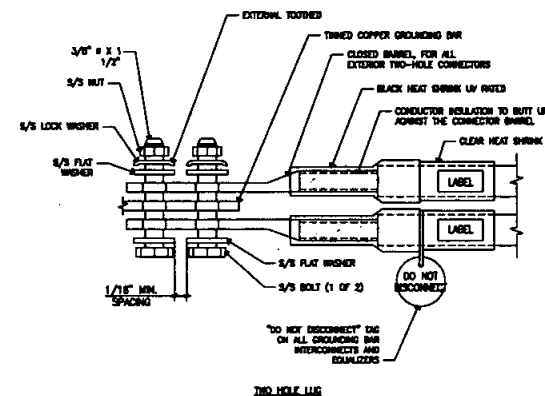


NOTES:

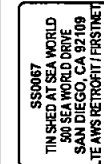
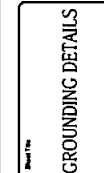
- GROUNDING IS SHOWN DIAGRAMMATICALLY ONLY.
- CONTRACTOR SHALL GROUND ALL EQUIPMENT AS A COMPLETE SYSTEM. GROUNDING SHALL BE IN COMPLIANCE WITH CED SECTION 220 AND AT&T GROUNDING AND BONDING REQUIREMENTS (AT-TP-784118) AND MANUFACTURER'S SPECIFICATIONS.
- ALL GROUND CONDUCTORS SHALL BE COPPER; NO ALUMINUM CONDUCTORS SHALL BE USED.

LEGEND

- EXOTHERMIC CONNECTION
- MECHANICAL CONNECTION
- GROUND ROD
- TEST GROUND ROD WITH INSPECTION SLEEVE



Rev.	Description	Date
1	ISSUED	10-14-84
2	REVISED	10-14-84
3	REVISED	10-14-84
4	REVISED	10-14-84
5	REVISED	10-14-84



Project Number	
Drawn by	END/PP
Checked by	END
Scale	1" = 1'
Sheet No.	E3