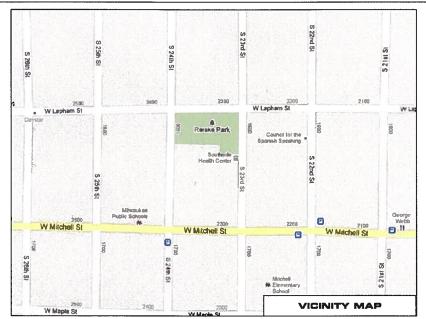
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SITE MODERNIZATION

SITE NUMBER: ML10014C

SOUTHSIDE HEALTH CENTER SITE NAME:

SITE TYPE: ROOFTOP

SITE ADDRESS: 1640 S. 24TH STREET

MILWAUKEE, WI 53204

COUNTY: **MILWAUKEE COUNTY** JURISDICTION: CITY OF MILWAUKEE

PROJECT DESCRIPTION:

STRUCTURE TYPE:

ROOFTOP MOUNT (9) EXISTING UMTS/GSM ANTENNA PANELS TO BE REPLACED. (9) PROPOSED GSM/UMTS/LTE ANTENNA PANELS

ANTENNA HEIGHT (CL): LEASE AREA:

ANTENNA QUANTITY

15'-0" x 20'-0" EQUIPMENT MOUNTING: EQUIPMENT CABINETS ON CONCRETE PAD

COORDINATES:

LATITUDE: 43.0134° LONGITUDE -87.9433° A.G.L: 682.2

PROPERTY SUMMARY:

PROPERTY ADDRESS: MILWAUKEE, WI 53204

ASSESSOR'S PARCEL NUMBER (APN): 459-1101-100-3

APPLICABLE CODES

IN ABSENCE OR CONFLICT WITH LOCAL CODES ALL WORK SHALL COMPLY WITH - INTERNATIONAL BUILDING CODE 2010

CONTACTS:

APPLICANT: 8550 W. BRYN MAWR AVE., SUITE 100

CHICAGO, ILLINOIS 60631 CONTACT: STERLING MCMATH OFFICE: (469) 360-0026

PROPERTY OWNER CONTACT:

CITY OF MILWAUKEE 809 N. BROADWAY MILAUKEE, WI 53202

PROJECT TEAM:

CONSTRUCTION MANAGER: SURESITE CONSULTING GROUP, LLC CONTACT: SARAH K. RYZNER OFFICE: 216.593,0400 (EX. 17) MOBILE: 216.544.9089

EDGE CONSULTING ENGINEERS, INC. 624 WATER STREET PRAIRIE DU SAC, WI 53578 OFFICE: 608.644.1449 CONTACT; DAVID LYSHEK

APPROVALS:

	PRINT NAME:	SIGNATURE:	DATE:
PROPERTY OWNER:			
SAC/ ZONING:			
CONSTRUCTION:			
REAL ESTATE:			
R.F. ENGINEER			
GENERAL MANAGER:			
OPERATIONS:			
UTILITIES:			

SHEET INDEX:

HEET #	DESCRIPTION:
T-1	TITLE SHEET
C-1	SITE PLAN
C-2	SITE AND UTILITY PLAN
C-3	EQUIPMENT DETAILS
C-4	LAYOUT CHANGE PLAN
Δ_1	BUILDING ELEVATION

0 ANTENNA CONFIGURATION ANTENNA DETAILS RF DATA CONFIGURATION SHEET 0 ANTENNA AND GROUNDING CONFIGURATION GENERAL NOTES AND SPECIFICATIONS 0

STRUCTURAL REVIEW NOTE:

* PROVIDED BY OTHERS

STRUCTURAL ANALYSIS COMPLETED BY EDGE CONSULTING ENGINEERS, INC. CONTRACTOR TO REVIEW STRUCTURAL REPORT IN ITS ENTIRETY. ANY DISCREPANCIES OR DISAGREEMENTS BETWEEN THE REPORT AND THESE PLANS SHOULD BE RESOLVED PRIOR TO CONSTRUCTION.

UTILITY INFORMATION:



TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN, CALL DIGGER'S HOTLINE

FAX A LOCATE 1-800-338-3860 WI STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

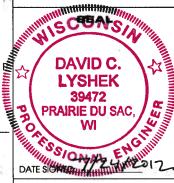
1-800-242-851

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8550 W. Bryn Mawr Ave. Sulte 100 Chicago, Illinois 60631 OFFICE: (773) 444-5400 FAX: (773) 444-5521



624 Water Street Prairie du Sac, WI 53578 608.644,1449 voice 608.644.1549 fax www.edgeconsult.com



PROJECT NO: 7438

CHECKED BY: DCL REV. DATE: DESCRIPTION: A 6/19/12 PERMIT CD's

0 7/24/12 FINAL CD's

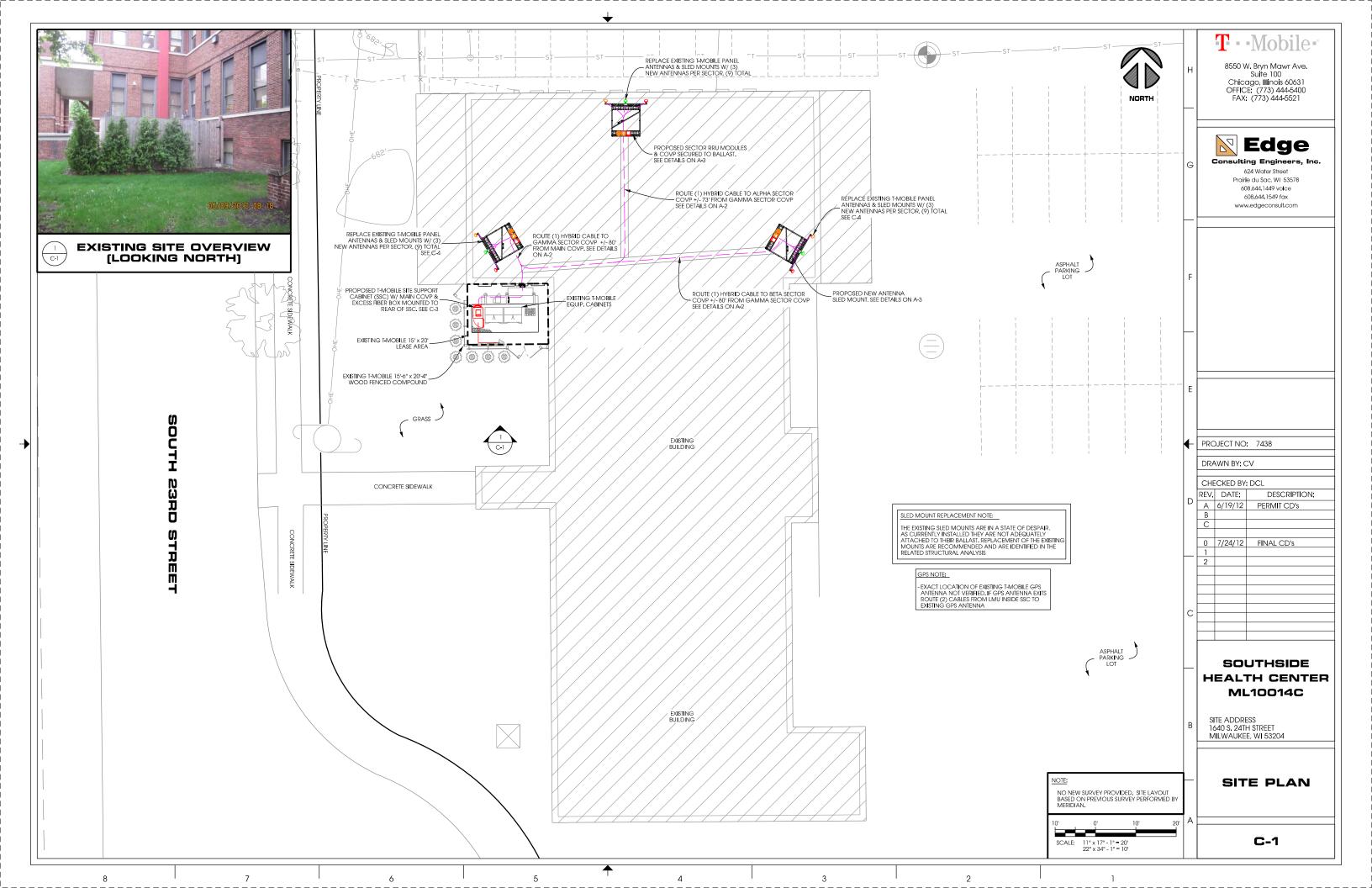
SOUTHSIDE **HEALTH CENTER**

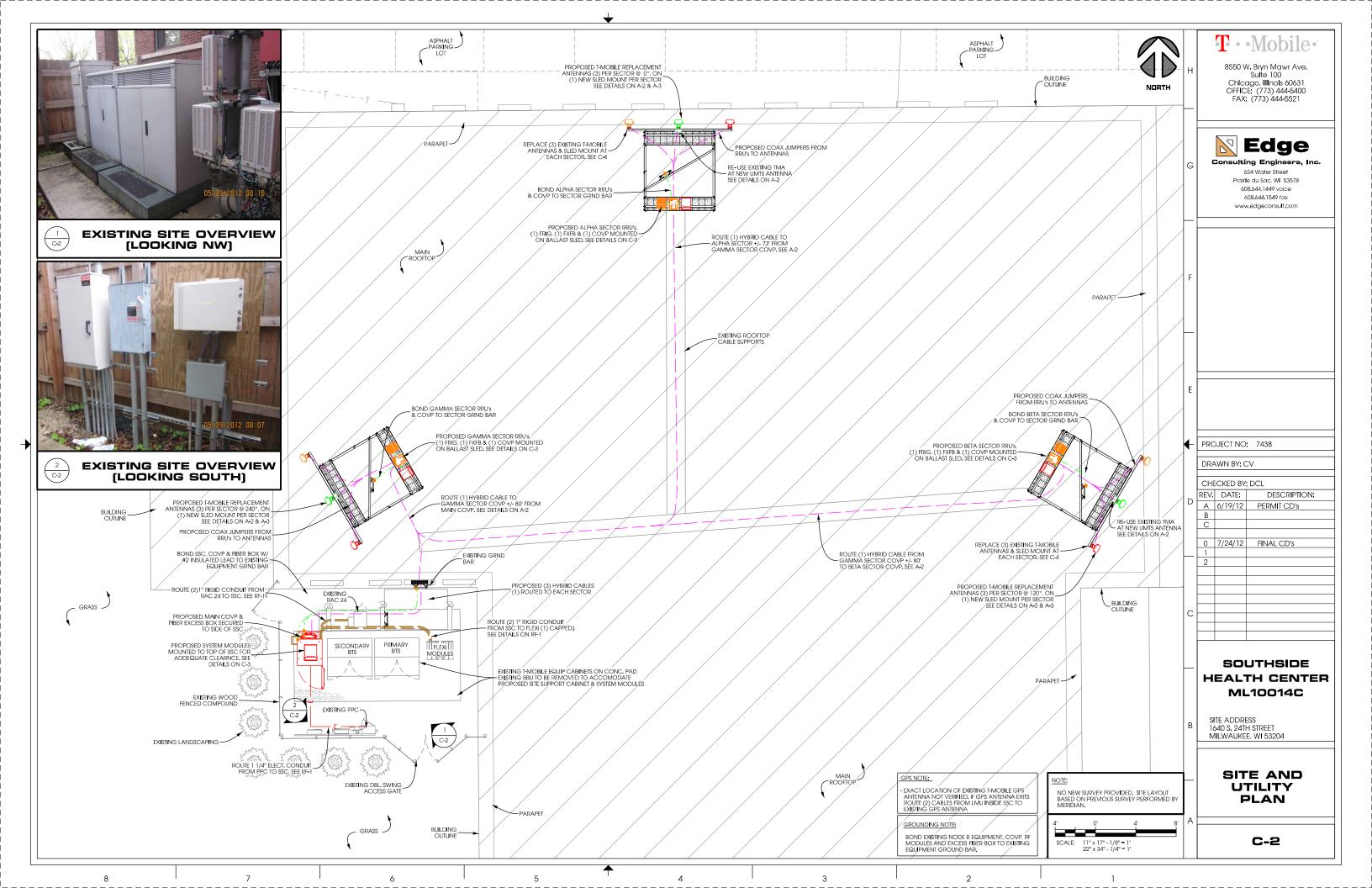
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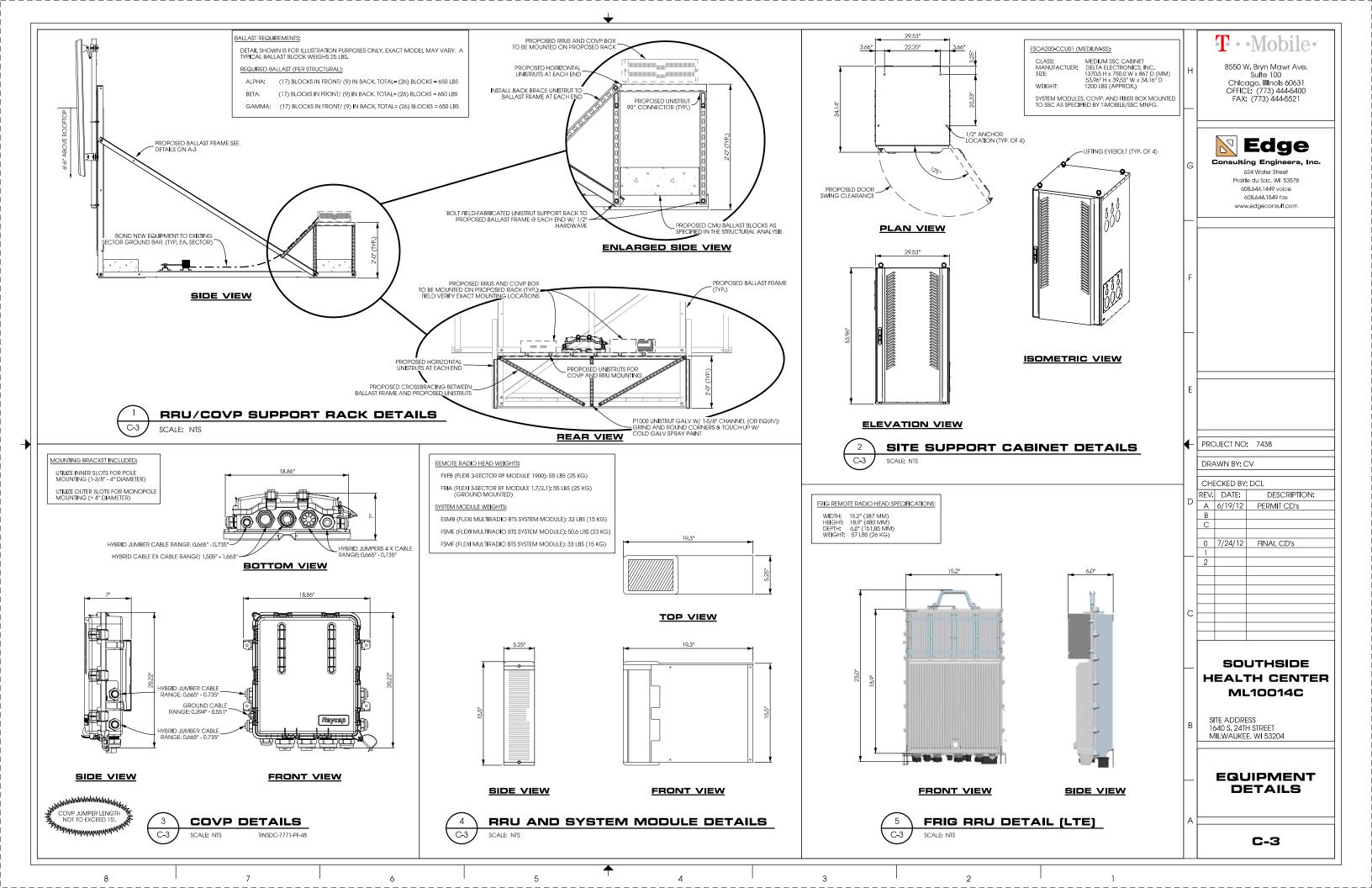
SITE ADDRESS 1640 S. 24TH STREET MILWAUKEE, WI 53204

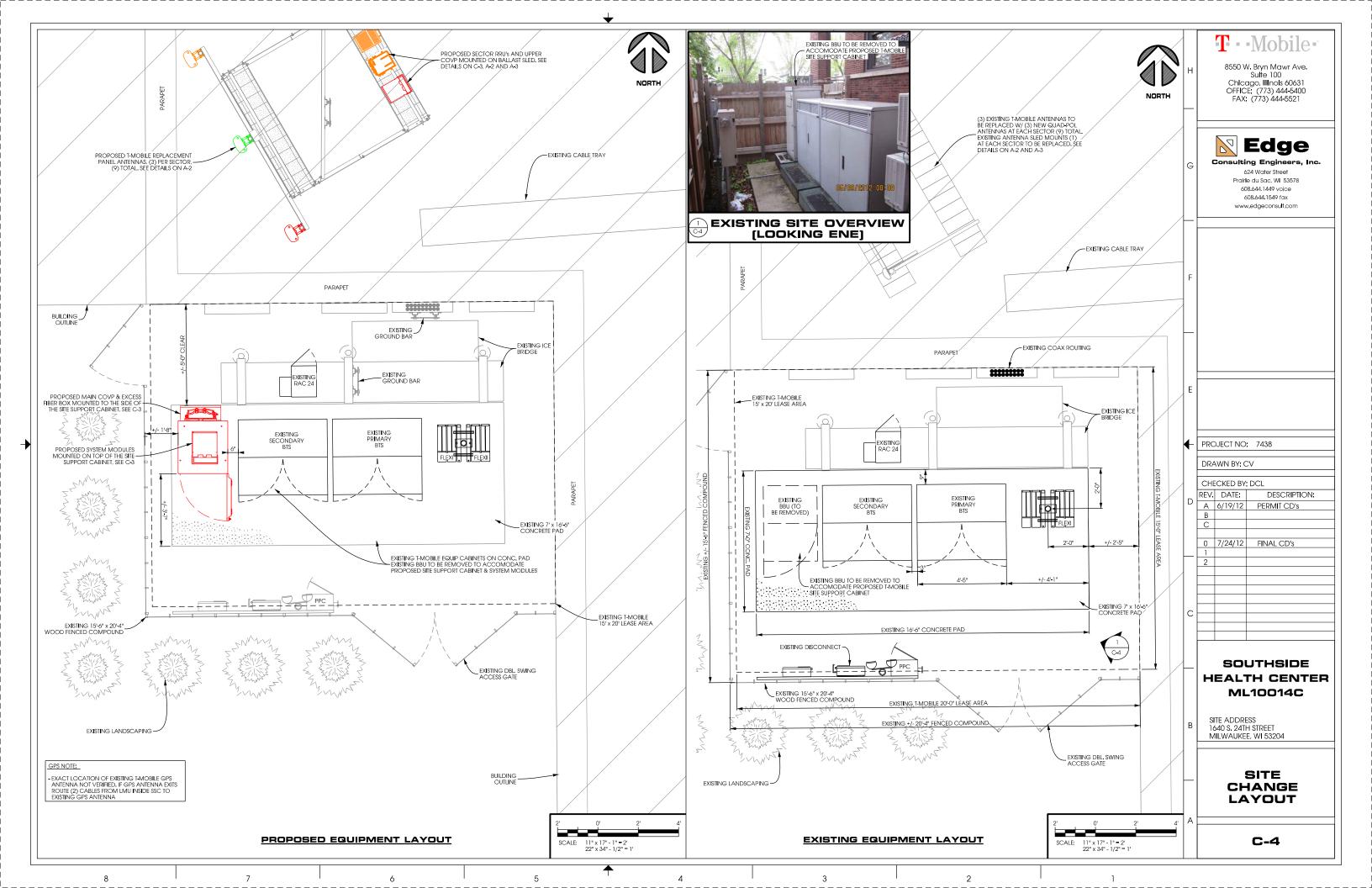
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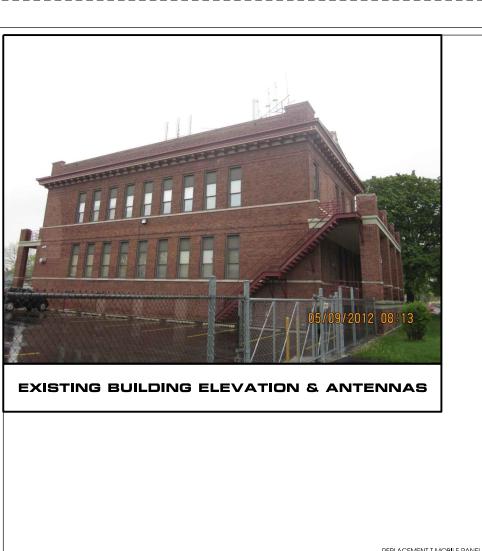
T-1

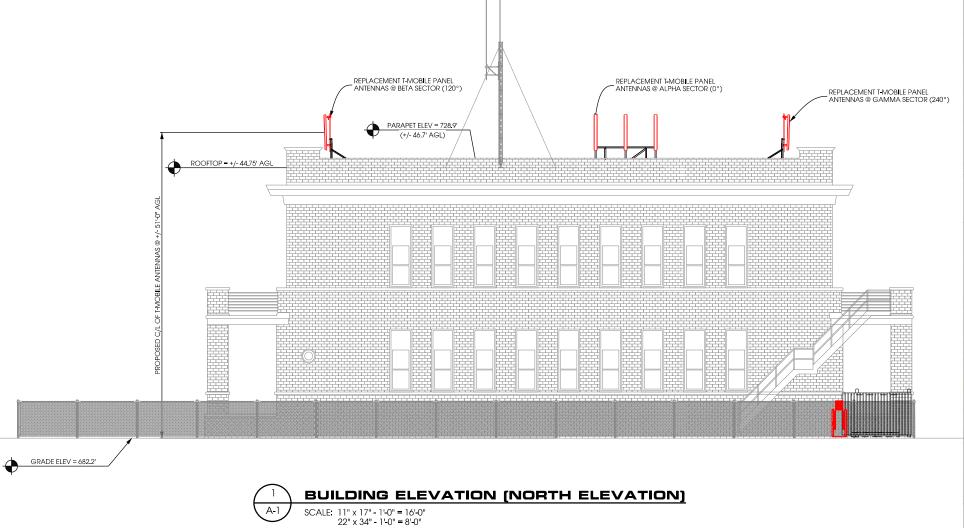














EXISTING T-MOBILE ANTENNAS
- ALPHA SECTOR -



EXISTING T-MOBILE ANTENNAS - BETA SECTOR -



EXISTING T-MOBILE ANTENNAS - GAMMA SECTOR -



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www.edgeconsult.com

PROJECT NO: 7438

DRAWN BY: CV

CHECKED BY: DCL

REV. DATE: DESCRIPTION: A 6/19/12 PERMIT CD's

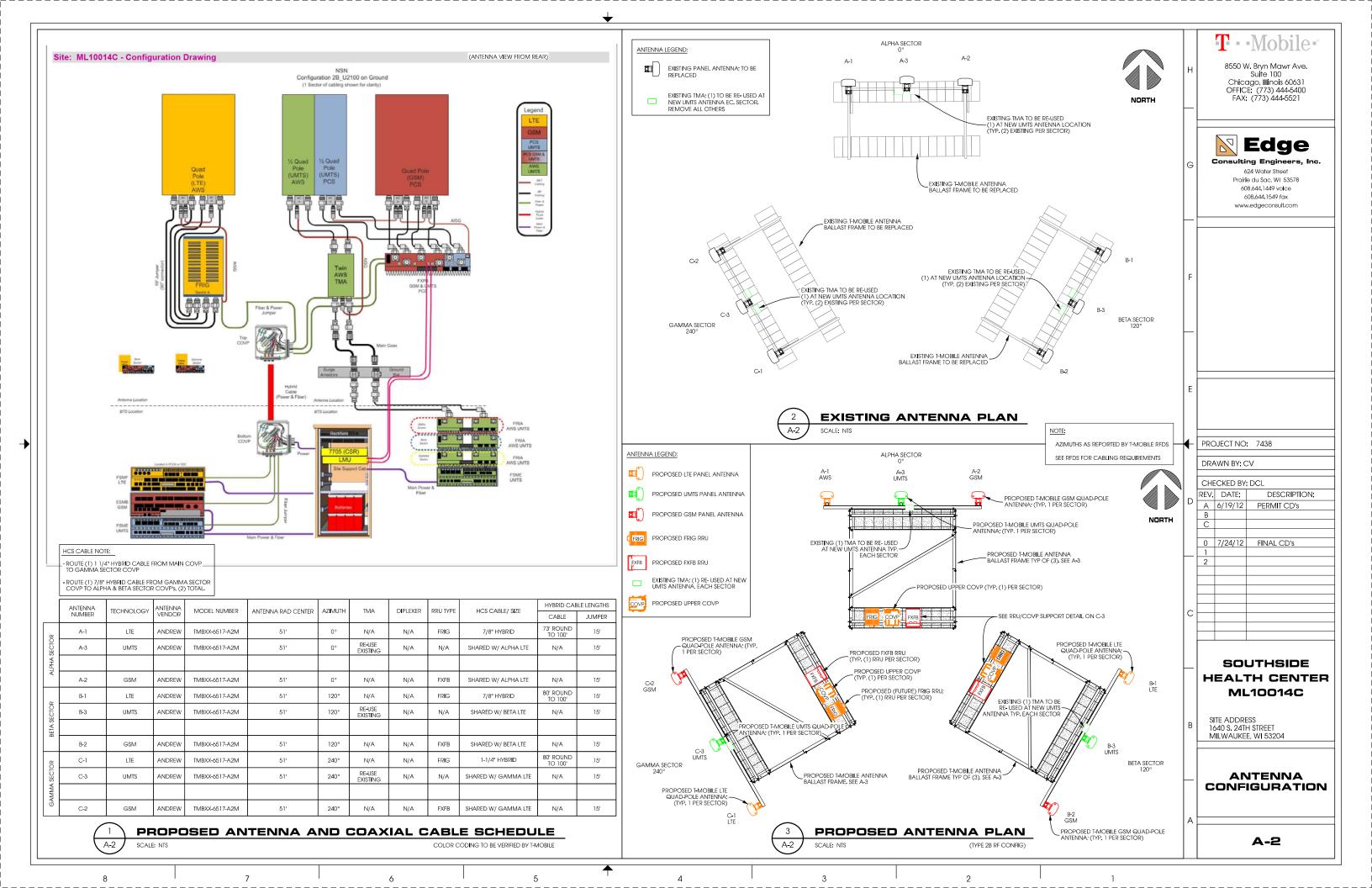
0 7/24/12 FINAL CD's

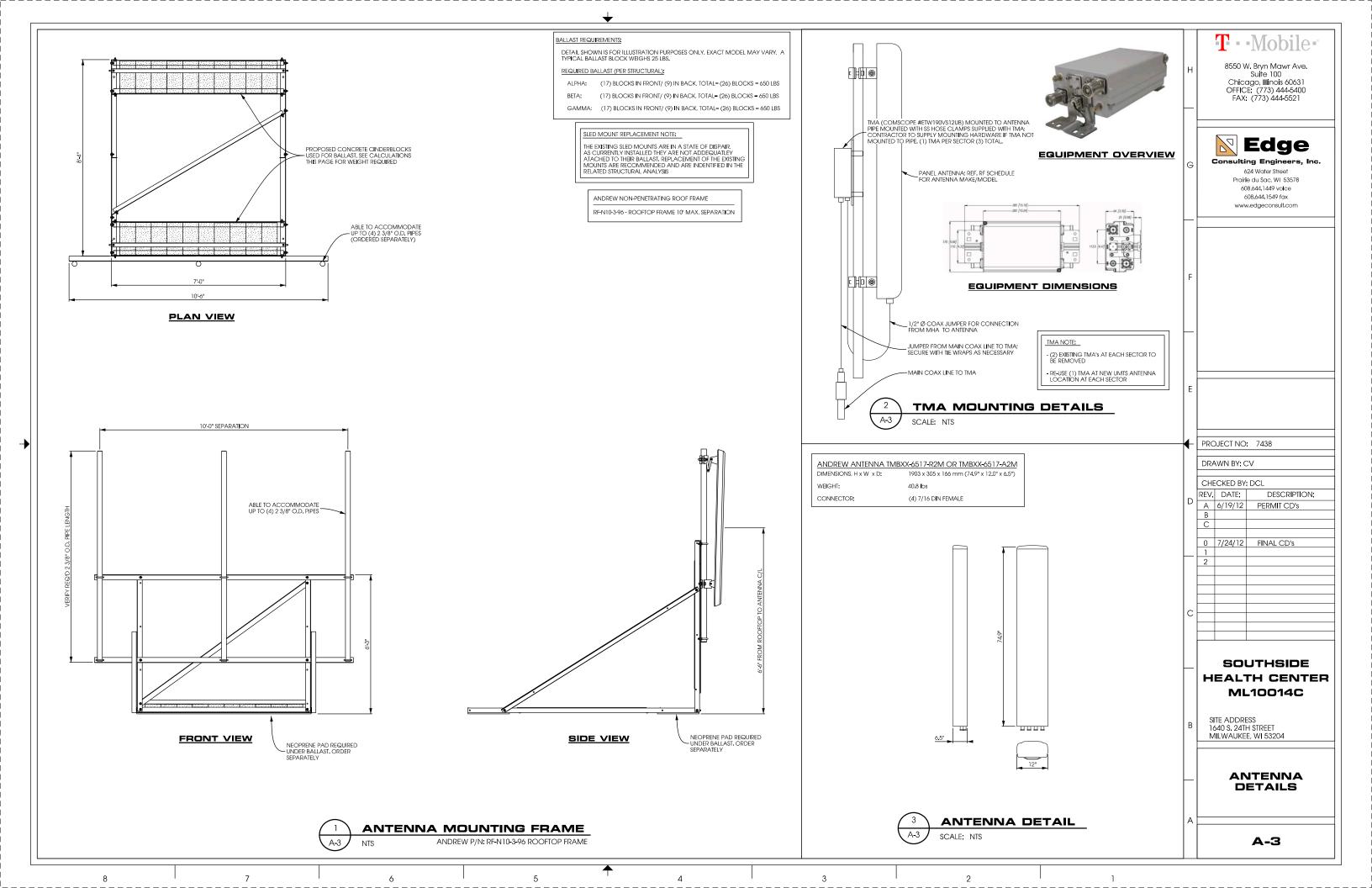
SOUTHSIDE **HEALTH CENTER** ML10014C

SITE ADDRESS 1640 S. 24TH STREET MILWAUKEE, WI 53204

BUILDING ELEVATION

A-1





User: DSHAH6 T··Mobile F DATA CONFIGURATION SHOWN ON THIS PAGE Back to RFDS home **RFDS Data Configuration Sheet** Date: 7/17/2012 PROVIDED BY OTHERS. CONTRACTOR TO VERIFY EQUIPMENT MODELS AND SPECIFICATIONS WITH Print RFDS MOST RECENT T-MOBILE DATA SHEET PRIOR TO INSTALLATION Go Back Site Infor Market: Radio Vendor: NSN Plan Year: 2012 Type/Class: Building / Roof Top Mount Site Id: MI 10014C Site Name: Southside Health Center R Address: 1640 S. 24th Street City: Milwaukee State: WI Zip: 53204 Latitude: 43.0134002 -87.943264 Created Date May 10 2012 RF Manager RF Engineer Last Save Date: Jul 17 2012 9:32AM Cell Site Configuration Configuration Type: Configuration 2B_U2100 on Ground | Final Configuration (Antenna/Line/TMA/RRU): 9/12/3/6 Solution Type: Rooftop RFDS Status: Final **Sector Information** PCS GSM Design Antenna RAD Center: Antenna Azimuth: Mechanical Tilt: Electrical Tilt: PCS UMTS Design Antenna RAD Center: Antenna Azimuth: Mechanical Tilt: Electrical Tilt: **AWS UMTS Design** Antenna RAD Center: Antenna Azimuth: Mechanical Tilt: Electrical Tilt: **AWS LTE Design** Antenna RAD Center: Antenna Azimuth: Mechanical Tilt: Electrical Tilt: Antenna Configuration (Site Level) Antenna ReUse Existing: Antenna ReUse Existing Qty: Andrew - TMBXX-6517-A2M Andrew - TMBXX-6517-A2M Andrew - TMBXX-6517-A2M Antenna Qtv: Antenna Shared with AWS UMTS Antenna Shared with PCS UMTS Antenna and (or) Ports Shared: TMA Configuration (Site Level) TMA(Re-use existing TMA/New/Not Needed): Re-use Existing Andrew Twin AWS -ETW200VS12UB TMA Model: TMA Qtv: **Diplexer/Combiner Configuration** Diplexer Model (1): Diplexer Qty (1): Diplexer Model (2): Diplexer Qty (2): Combinere/Duplexer Model Combinere/Duplexer Qty: Antenna Fiber/ Coax Solution (Site Level) Use HCS (Yes/No)? Use NSN Fiber & OVP for Rooftop (Yes/No)? No Use Coax Cable (Yes/No)? Hybrid Cable Configuration (Site Level) Hybrid Cable Type: Hybrid Cable Length: Hybrid Cable Qty: Hybrid Cable Config(Sector Level) HCS run between Sectors (e.g. Rooftop/ Watertank etc.) Low Capacity HCS-7/8" Low Capacity HCS-7/8" High Capacity HCS-1 Hybrid Cable Length (ft): **COVP Configuration (Site Level)** COVP Type (1): COVP Qty (1): COVP Type (2): COVP Qty (2): Coax Configuration Re-use existing coax for TDOA (Yes/No)? Qty. of excess coax lines to remove? New Coax Type: New Coax Length/Line: New Coax Qtv: RET Home-Run Cable: RET Home-Run Cable Length(ft): System Modules (Site Level) AWS LTE System Module Type: ESMB FSMF System Module Qty: RF Modules (Site Level) RF Module Type: FXFB FRIG 0 (Module Shared with PCS GSM, different PAs) RF Module Qty: Comments/Notes 4/18/2012 - Swap existing dual pole antenna with quad pole antenna. Total of 3 quad pole antenna per sector.
PCS UMTS antenna tilts were matched with AWS UMTS. PCS GSM antenna tilts were kept the same.
07/10/2012:LowCapHCSType=Sector A=75 (From Gamma), Sector B=75 (From Gamma)07/10/2012:HighCapHCSType=Sector C=75 (From Equipment)

T - Mobile 8550 W. Bryn Mawr Ave. Chicago, Illinois 60631 OFFICE: (773) 444-5400 FAX: (773) 444-5521 **Edge** Consulting Engineers, Inc. 624 Water Street Prairie du Sac, WI 53578 608.644.1449 volce 608.644.1549 fax www.edgeconsult.com PROJECT NO: 7438 DRAWN BY: CV CHECKED BY: DCL REV. DATE: DESCRIPTION: A 6/19/12 PERMIT CD's 0 7/24/12 FINAL CD's SOUTHSIDE **HEALTH CENTER** ML10014C SITE ADDRESS 1640 S. 24TH STREET MILWAUKEE, WI 53204 RF DATA CONFIGURATION SHEET **A-4**

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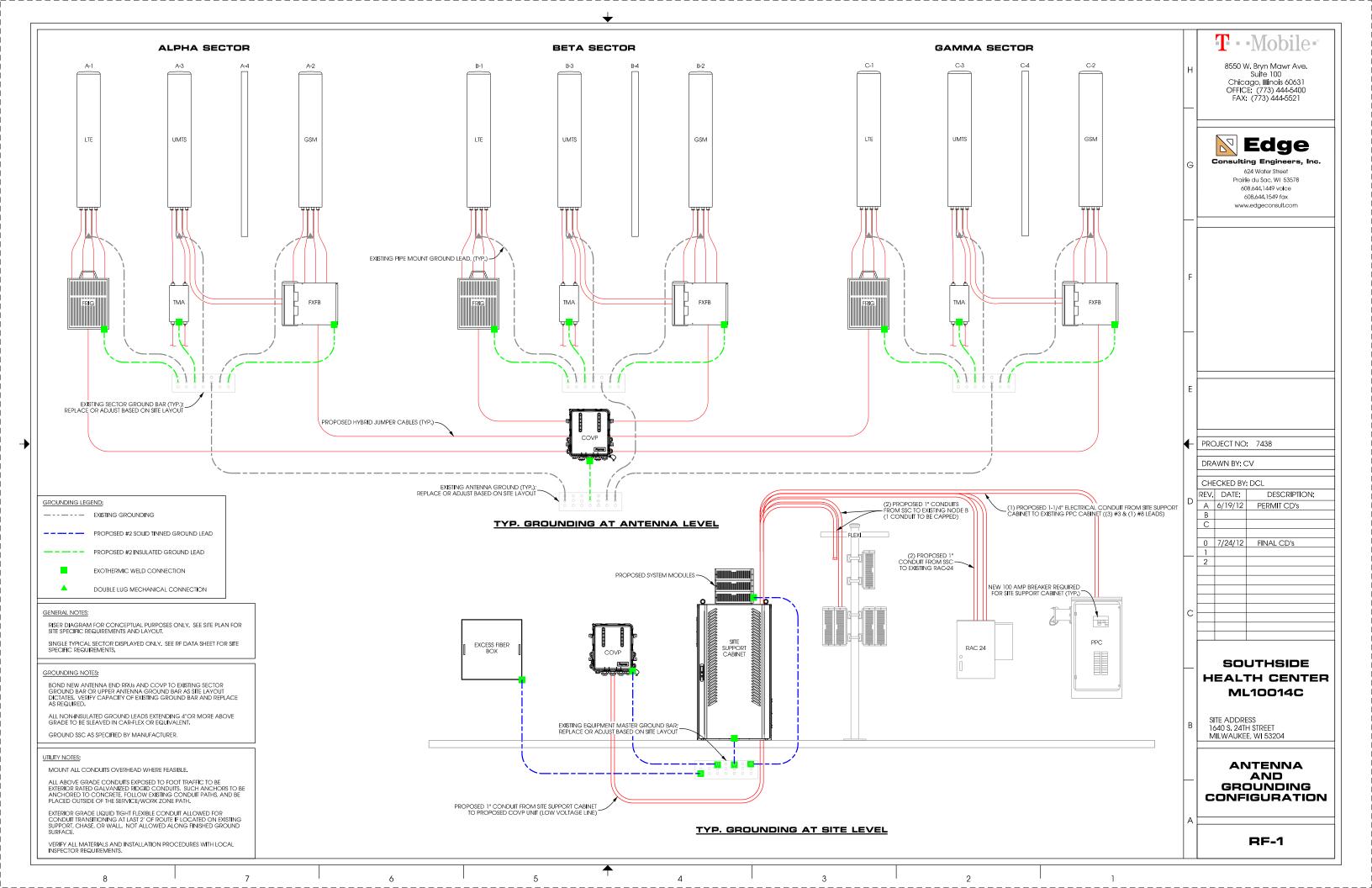
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PART 1 GENERAL

1.00 GENERAL REQUIREMENTS

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECALITIONS AND REGULATIONS DURING THE WORK, ALL GENERAL NOTES AND STANDARD DETAILS ARE THE MINIMUM REQUIREMENTS TO BE USED IN CONDITIONS WHICH ARE NOT SPECIFICALLY SHOWN OTHERWISE.
- ALL SYMBOLS AND ABBREVIATIONS ARE CONSIDERED CONSTRUCTION INDUSTRY STANDARDS, IF A CONTRACTOR HAS A
 QUESTION REGARDING THEIR EXACT MEANING THE ARCHITECT/ENGINEER SHALL BE NOTIFIED FOR CLARIFICATIONS.
- WHERE SPECIFIED, MATERIALS TESTING SHALL BE TO THE LATEST STANDARDS AVAILABLE AS REQUIRED BY THE LOCAL GOVERNING AGENCY RESPONSIBLE FOR RECORDING THE RESULTS.
- THE CONTRACTOR SHALL PROVIDE THE MATERIALS APPROVED BY THE FIRE MARSHALL FOR FILLING OR SEALING PENETRATIONS THROUGH FIRE RATED ASSEMBLIES,
- ALL DIMENSIONS TAKE PRECEDENCE OVER SCALE UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE SITE FROM THE START OF THE PROJECT TO THE COMPLETION OF THE PROJECT. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO ASSESS CONDITIONS THAT MAY ADVERSELY AFFECT THE WORK OR THE COST OF THE WORK.
- THE CONTRACTOR SHALL FIELD VERIFY THE DIMENSIONS, ELEVATIONS, ETC. NECESSARY FOR THE PROPER CONSTRUCTION OF NEW PORTION OF THE WORK ON AND ALIGNMENT OF THE NEW PORTION OF THE WORK TO THE EXSTING WORK. THE CONTRACTOR SHALL MAKE ALL MEASUREMENTS NECESSARY FOR FABRICATION AND ERECTION OF STRUCTURAL MEMBERS. ANY DISCREPANCIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE A & E.
- NEW CONSTRUCTION ADDED TO EXISTING CONSTRUCTION SHALL BE MATCHED IN FORM, TEXTURE, MATERIAL AND PAINT COLOR EXCEPT AS NOTED IN THE PLANS.
- NO CHANGES ARE TO BE MADE TO THESE PLANS WITHOUT THE KNOWLEDGE AND WRITTEN CONSENT OF THE A & E.
- ANY REFERENCE TO THE WORDS APPROVED OR APPROVAL IN THESE DOCUMENTS SHALL BE HERE DEFINED TO MEAN GENERAL ACCEPTANCE OR REVIEW AND SHALL NOT RELIEVE THE CONTRACTOR AND/OR HIS SUB-CONTRACTORS OF ANY LIABILITY IN FURNISHING THE REQUIRED MATERIALS OR LABOR SPECIFIED.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING, BACKING, FRAMING, HANGERS OR SUPPORTS FOR INSTALLATION OF ITEMS INDICATED ON THE DRAWINGS
- ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITIONS OF THE FOLLOWING CODES/SPECIFICATIONS:
- LATEST LOCAL JURISDICTIONAL BUILDING CODES.
 ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES AND REGULATIONS
 AMERICAN CONCRETE INSTITUTE (ACT)
- AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)
- · ANSI/EIA 222 E · UNIFORM BUILDING CODE (UBC)

- UNIFORM BUILDING CODE (UBC)
 BUILDING OFFICIALS & CODE ADMINISTRATION (BOCA)
 NATIONAL ELECTRICAL CODE (NEC) WITH ALL AMENDMENTS
 AMERICAN INSTITUTE FOR STEEL CONSTRUCTION OR SPECIFICATIONS (AISC)
 UFE SAFETY CODE NIFFA 101
- FEDERAL AVIATION REGULATIONS

1.03 CONFLICTS

- A. THE CONTRACTOR AND EACH SUBCONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL MEASUREMENTS AT THE SITE BEFORE ORDERING ANY MATERIALS OR PERFORMING ANY WORK. NO EXTRA CHARGE OR COMPENSATION SHALL BE ALLOWED DUE TO DIFFERENCES BETWEEN ACTUAL DIMENSION AND DIMENSIONS INDICATED ON THE CONSTRUCTION DRAWINGS. ANY SUCH DISCREPANCY IN DIMENSIONS WHICH MAY INADVERBENT OCCUR SHALL BE SUBMITTED TO THE SOM OR DESIGNATED REPRESENTATIVES FOR CONSIDERATION BEFORE THE CONTRACTOR PROCEEDS WITH WORK IN THE AFFECTED AREAS.
- THE CONTRACTOR SHALL NOTIFY A & E OF ANY ERRORS, OMISSIONS, OR DISCREPANCIES AS THEY MAY BE DISCOVERED IN THE PLANS, SPECIFICATIONS AND NOTES PRIOR TO STARTING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO DEMOLITION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY ERRORS, OMISSIONS, OR INCONSISTENCIES AFTER THE START OF CONSTRUCTION THAT HAVE NOT BEEN BROUGHT TO THE ATTENTION OF THE A & E AND SHALL INCUR ANY EXPENSES REQUIRED TO RECTIFY THE SITUATION. THE METHOD OF CORRECTION SHALL BE APPROVED BY THE A & E.
- C. THE CONTRACTOR, IF AWARDED THE CONTRACT, WILL NOT BE ALLOWED ANY EXTRA COMPENSATION BY REASON OF ANY MATTER OR THING WHICH THE CONTRACTOR MIGHT NOT HAVE FULLY INFORMED HIMSELF PRIOR TO BIDDING.
- D. NO PLEA OF IGNORANCE OF CONDITIONS THAT EXIST, OR OF DIFFICULTIES THAT MAY BE ENCOUNTERED OR OF ANY OTHER RELEVANT MATTER CONCERNING THE WORK TO BE PERFORMED WILL BE ACCEPTED AS A REASON FOR ANY FAILURE OR OMISSION ON THE PART OF THE CONTRACTOR TO FULFILL THE REQUIREMENTS OF THE CONTACT

1.07 PROTECTION

- A. PROTECT FINISHED SURFACES, INCLUDING JAMBS AND WALLS USED AS PASSAGEWAYS THROUGH WHICH EQUIPMENT
- B. PROVIDE PROTECTION FOR EQUIPMENT ROOM SURFACES PRIOR TO ALLOWING EQUIPMENT OR MATERIAL TO BE MOVED OVER SUCH SURFACES.
- C. MAINTAIN FINISHED SURFACES CLEAN, UNMARRED AND SUITABLY PROTECTED UNTIL JOB SITE IS ACCEPTED BY THE SIDM.
- D. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL PROTECT ALL AREAS FROM DAMAGE WHICH MAY OCCUR DURING CONSTRUCTION. ANY DAMAGE TO NEW OR EXISTING SURFACES, STRUCTURES OR EQUIPMENT SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE PROPERTY OWNER. THE CONTRACTOR SHALL BEAR THE EXPENSE OF REPAIRING OR REPLACING ANY DAMAGED AREAS.

1.08 REPAIRS AND REPLACEMENTS

- A. IN EVENT OF DAMAGES, THE CONTRACTOR SHALL NOTIFY OWNER SDM, THEN PROMPTLY MAKE ALL REPLACEMENTS AND REPAIRS AT NO ADDITIONAL COST TO OWNER.
- B. ADDITIONAL TIME THAT IS REQUIRED TO SECURE REPLACEMENTS AND TO MAKE REPAIRS WILL NOT BE CONSIDERED BY OWNER TO JUSTIFY EXTENSION IN THE CONTRACT TIME FOR COMPLETION.

- A. THE CONTRACTOR SHALL AT ALL TIMES KEEP THE SITE FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH CAUSED BY THEIR EMPLOYEES AT WORK, AND AT THE COMPLETION OF THE WORK, THEY SHALL REMOVE ALL RUBBISH FROM AND ABOUT THE BUILDING, INCLUDING ALL TOOLS, SCAFFOLDING AND SURPLUS MATERIALS, AND SHALL LEAVE THE WORK AREA CLEAN AND READY FOR USE EACH DAY.
- B. EXTERIOR: VISUALLY INSPECT EXTERIOR SURFACES AND REMOVE ALL TRACES OF SOIL WASTE MATERIAL, DUST,

 - REMOVE ALL TRACES OF SPLASHED MATERIALS FROM ADJACENT SURFACES.
 IF NECESSARY TO ACHIEVE A UNIFORM DEGREE OF CLEANLINESS, HOSE DOWN THE EXTERIOR OF THE STRUCTURE.
- C. INTERIOR: VISUALLY INSPECT INTERIOR SURFACES AND REMOVE ALL TRACES OF SOIL, WASTE MATERIAL, SMUDGES AND OTHER FOREIGN MATTER.
 - REMOVE ALL TRACES OF SPLASHED MATERIALS FROM ADJACENT SURFACES.
 REMOVE PAINT DROPPINGS, SPOTS, STAINS AND DIRT FROM FINISHED SURFACES.
- D. CONTRACTOR SHALL WASH AND WAX FLOOR PRIOR TO FINAL ACCEPTANCE FROM SDM. WAX SHALL BE THE ANTI-STATIC TYPE.

1.12 RELATED DOCUMENTS AND COORDINATION

- A. GENERAL CARPENTRY, ELECTRICAL AND ANTENNA DRAWINGS ARE INTERRELATED. IN PERFORMANCES OF THE WORK EACH CONTRACTOR JUST REFERS ALL DRAWINGS. ALL COORDINATION TO BE THE RESPONSIBILITY OF THE
- B. THE CONTRACTOR SHALL SUPERVISE AND COORDINATE ALL WORK, USING HIS PROFESSIONAL KNOWLEDGE AND SKILLS. HE IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES AND PROCEDURES, AND FOR SUPERVISING, SEQUENCING AND COORDINATING ALL PORTIONS OF THE WORK.

1.13 SHOP DRAWINGS

- A. CONTRACTOR TO SUBMIT SHOP DRAWINGS AS REQUIRED AND LISTED IN THESE SPECIFICATIONS AND THROUGH THE GENERAL CONTRACT TO THE SDM FOR APPROVAL
- B. SHOP DRAWINGS FOR ALL STRUCTURAL STEEL SHALL BE SUBMITTED TO THE ENGINEER OF RECORD UNLESS SPECIFICALLY NOTED OTHERWISE; CONTRACTOR SHALL NOT FABRICATE STEEL UNTIL DRAWINGS HAVE BEEN ACCEPTED IN WRITING.
- C. ALL SHOP DRAWINGS TO BE REVISED, CHECKED AND CORRECTED BY GENERAL CONTRACTOR PRIOR TO SUBMITTAL TO THE SDM.

1.14 PRODUCTS AND SUBSTITUTIONS

- A. SUBMIT 3 COPIES OF EACH REQUEST FOR SUBMISSION, IN EACH REQUEST IDENTIFY THE PRODUCT FABRICATION OR INSTALLATION METHOD TO BE REPLACED BY THE SUBSTITUTION, INCLUDE RELATED INFSECTIONS AND DRAWING NUMBERS, AND COMPLETE DOCUMENTATION SHOWING COMPLIANCE WITH THE REQUIREMENTS FOR SUBSTITUTIONS.
- B. ALL NECESSARY PRODUCT DATA AND CUT SHEETS SHOULD PROPERLY INDICATES AND DESCRIBE ITEMS, PRODUCTS AND MATERIALS BEING INSTALLED. THE CONTRACTOR SHALL, IF DEEMED NECESSARY BY THE SDM, SUBMIT ACTUAL SAMPLES TO THE SDM FOR APPROVAL IN LIEU OF CUT SHEETS.

1.15 COMPLIANCE

- A. ALL MATERIALS, DESIGN AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES (SOME ARE LISTED HEREIN) ORDINANCES, AND AUTHORITIES HAVING JURISDICTION OVER THE WORK, UPON THE COMPLETION OF THE WORK, THE CONTRACTOR SHALL PROVIDE CARRIER WITH THE CERTIFICATES OCCUPANCY (IF REQUIRED), JOB SITE PERMITTED PLANS AND INSPECTION CARD WITH ALL FINAL INSPECTION SIGNATURES AND OTHER LEGAL DOCUMENTS TO VERIFY SUCH COMPLIANCES. WHERE NO CODES EXIST, THE WORK SHALL CONFORM TO THE UNIFICIARY BUILDING CODE AND/OR THE SPECIFICATIONS HEREIN, WHICHEVER IS MORE STRINGENT AND A DOCUMENT STATEMENT SHALL BE FURNISHED TO THIS EFFECT.
- B. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY COMPLIANCE WITH THE GOVERNING CODES AND TO NOTIFY THE
- C. REFERENCES TO ANY STANDARD OR CODE OF PRACTICES IN THIS SPECIFICATION SHALL BE DEEMED TO MEAN THE EDITION CURRENT AT THE TIME OF AWARD OF THE CONTRACT.
- D. THE TELECOMMUNICATIONS EQUIPMENT SPACE SHOWN IN THESE DRAWINGS IS NOT CUSTOMARILY OCCUPIED. WORK TO BE PERFORMED IN THIS FACILITY CANNOT REASONABLY BE PERFORMED BY PERSONS WITH A SEVERE IMPAIRMENT TO MOBILITY, SIGHT OR HEARING, THEREFORE, PER THE APPLICABLE CODES: THIS FACILITY SHALL BE EXEMPTED FROM ALL TITLE 24 ACCESS REQUIREMENTS.
- E. THE CONTRACTOR SHALL COMPLY WITH ALL ZONING AND SITE ACQUISITION SPECIAL STIPULATIONS AS OUTLINED IN THE JOB SPECIFICATIONS, OR AS DIRECTED BY THE SDM.

 - ANSI/EIA 222 G
 UNIFORM BUILDING CODE (UBC)
 BUILDING OFFICIALS & CODE ADMINISTRATION (BOCA)
 MATIONAL ELECTRICAL CODE (NEC) WITH ALL AMENDMENTS
 AMERICAN INSTITUTE FOR STEEL CONSTRUCTION OR SPECIFICATIONS (AISC)
 LIFE SAFETY CODE NFFA 101

 - FEDERAL AVIATION REGULATIONS

SERVICE NOTES:

- A. ELECTRICAL PLANS, DETAILS, AND DIAGRAMS ARE DIAGRAMMATIC ONLY; VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS WITH OWNER; PLACEMENT AND ROUTING OF ALL COMPONENTS SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES.
- B. SERVICE EQUIPMENT SHALL HAVE A FAULT WITHSTAND RATING EQUAL TO OR EXCEEDING THE MAXIMUM AVAILABLE FAULT CURRENT AT THE SUPPLY TERMINAL INSTALLATION SHALL BE FREE FROM ALL FAULTS AND GROUNDS.
- C. ALL ELECTRICAL EQUIPMENT, CONDUITS, AND SUPPORT SHALL BE ABLE TO WITHSTAND 80 M.P.H. WIND SPEED; EXPOSURE
- D. ALL ELECTRICAL EQUIPMENT SHALL HAVE A PERMANENTLY AFFIXED NEOPRENE PLASTIC LABEL BLACK ON WHITE; LETTER HEIGHT SHALL BE []"; ALL NAMEPLATES TO BE FASTENED WITH (2) STAINLESS STEEL SCREWS, NOT ADHESIVE.
- E. ALL WIRING SHALL BE COPPER WITH THHN/THWN DUAL RATED 600V, COLOR CODED, #12 AWG MINIMUM UNLESS NOTED OTHERWISE.

CONDUIT NOTES:

- F. RIGID CONDUIT SHALL BE U.L LABEL GALVANIZED ZINC COATED WITH GALVANIZED ZINC INTERIOR AND SHALL BE USED WHEN INSTALLED IN OR UNDER CONCRETE SLABS, IN CONTACT WITH EARTH, UNDER PUBLIC ROADWAYS, IN MASONRY WALLS, OR EXPOSED ON BUILDING EXTERIOR.
- G. ELECTRICAL METALLIC TUBING SHALL BE U.L. LABEL; FITTING SHALL BE GLAND RING COMPRESSION TYPE.
- H. CORING THROUGH FLOORS AND WALLS SHALL NOT BE DONE WITHOUT FINAL APPROVAL OF BUILDING OWNER OR OWNER REPRESENTATIVE.
- I. CORING SHALL NOT BE PERFORMED DURING WORKING HOURS UNLESS OTHERWISE APPROVED BY THE OWNER.

GENERAL NOTES:

- J. SUBMITTAL OF BID INDICATES CONTRACTOR IS FAMILIAR WITH ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED
- K. THE ELECTRICAL PORTION OF THESE DRAWINGS IS ONLY A PART OF THE OVERALL DESIGN, IT IS NECESSARY FOR THE ELECTRICIAN TO CONSIDER ALL ASPECTS OF THIS PROJECT WHEN BIDDING AND PLANNING THE WORK,
- L. IN THE EVENT OF A CONFLICTING DESIGN OR NOTATION, THE CONTRACTOR SHALL ASSUME THE MOST EXPENSIVE OR RESTRICTIVE METHOD UNTIL A CLARIFICATION IS MADE.
- M. ALL THINGS. WHICH IN THE OPINION OF THE CONTRACTOR ARE DEFICIENCIES, OMISSIONS, CONTRADICTIONS, OR AMBIGUITES, IN THESE DESIGN DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE WORK PROCEEDS; ALL CLARIFICATIONS MUST BE RECEIVED IN WRITING IN ORDER FOE THE MATTER TO BE CONSIDERED
- ELECTRICAL WORK SHALL INCLUDE BUT NOT LIMITED TO ALL MATERIALS AND LABOR TO COMPLETE ALL ELECTRICAL SYSTEMS INCLUDING LIGHTING, LOW VOLTAGE SYSTEMS, PANELS, POWER AND TELEPHONE DATA SERVICE, CONTROL
- O. ALL WORK TO BE EXECUTED IN A WORKMAN LIKE MANNER AND SHALL PRESENT A NEAT, UNIFORM, AND WELL INSTALLED APPEARANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PROTECTION, CLEAN-UP AND RESTORATION OF OWNER FACILITIES ASSOCIATED WITH THE WORK.
- Submittal of Bid Indicates Contractor is aware and will conform to all loading and unloading restrictions, elevator restrictions, and understands owner expectation regarding to the schedule of coring and other tenant impacting activities.

R. CONTRACTOR TO VERIFY OWNER APPROVAL OF ANY PLANNED OUTAGES PRIOR TO SUBMITTAL OF BID.

Q. CONTRACTOR TO VERIFY ACCEPTANCE OF THESE PLANS AND DESIGNS WITH THE LOCAL UTILITY COMPANY ENGINEER BEFORE THE START OF ANY WORK AND ORDERING OF ANY MATERIAL.

8550 W. Bryn Mawr Ave. Suite 100

Chicago, Illinois 60631 OFFICE: (773) 444-5400 FAX: (773) 444-5521

T · · Mobile ·



624 Water Street Prairie du Sac, WI 53578 608.644.1449 voice 608 644 1549 fax www.edgeconsult.com

PROJECT NO: 7438

DRAWN BY: CV

CHECKED BY: DCL REV. DATE:

DESCRIPTION: A 6/19/12 PERMIT CD's 0 7/24/12 FINAL CD's

SOUTHSIDE **HEALTH CENTER** ML10014C

SITE ADDRESS 1640 S. 24TH STREET MILWAUKEE, WI 53204

GENERAL NOTES AND SPECIFICATIONS

GN-1