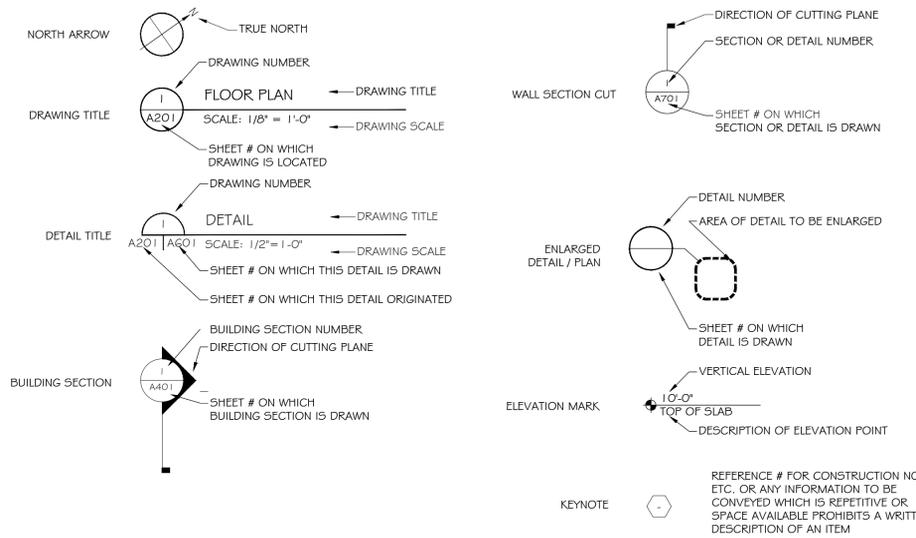


GENERAL REQUIREMENTS

LEGEND

GENERAL REQUIREMENTS

- PROJECT MANAGEMENT AND COORDINATION FOR CONTRACTOR:
 - FOR ADDITIONAL INFORMATION OR INTERPRETATION OF THE CONTRACT DOCUMENTS, CONTRACTOR SHALL PREPARE AND SUBMIT A REQUEST FOR INFORMATION FORM.
 - CONTRACTOR IS TO SCHEDULE AND CONDUCT MEETINGS AND CONFERENCES AT PROJECT SITE FOR CONSTRUCTION PROGRESS AND COORDINATION.
- CONTRACTOR IS TO PROVIDE PROGRESS DOCUMENTATION OF CONSTRUCTION AND PERFORMANCE OF THE WORK. CONTRACTOR TO PROVIDE CONTRACTOR'S CONSTRUCTION SCHEDULE.
- SUBMITTAL PROCEDURES
 - PROVIDE SUBMITTAL SCHEDULE
 - CONTRACTOR'S REVIEW
 - ACTION AND INFORMATIONAL SUBMITTALS: REVIEW EACH SUBMITTAL AND CHECK FOR COORDINATION WITH OTHER WORK OF THE CONTRACT AND FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. NOTE CORRECTIONS AND FIELD DIMENSIONS. MARK WITH APPROVAL STAMP BEFORE SUBMITTING TO ARCHITECT.
 - APPROVAL STAMP: STAMP TO INCLUDE PROJECT NAME AND LOCATION, SUBMITTAL NUMBER, SPECIFICATION SECTION TITLE AND NUMBER, NAME OF REVIEWER, DATE OF CONTRACTOR'S APPROVAL, AND STATEMENT CERTIFYING THAT SUBMITTAL HAS BEEN REVIEWED, CHECKED, AND APPROVED FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS.
 - SUBMITTALS TO INCLUDE:
 - PRODUCT DATA
 - SHOP DRAWINGS:
 - PREPARE PROJECT-SPECIFIC INFORMATION, DRAWN ACCURATELY TO SCALE.
 - SUBMIT FIVE COPIES OF EACH SUBMITTAL. ARCHITECT WILL RETAIN TWO COPIES; REMAINDER WILL BE RETURNED.
 - SAMPLES, IF REQUIRED
 - SUBMIT SAMPLES FOR REVIEW OF KIND, COLOR, PATTERN AND TEXTURE FOR A CHECK OF THESE CHARACTERISTICS WITH OTHER ELEMENTS AND FOR A COMPARISON OF THESE CHARACTERISTICS BETWEEN SUBMITTAL AND ACTUAL COMPONENT AS DELIVERED AND INSTALLED.
 - ATTACHED IDENTIFICATION LABEL ON EACH SAMPLE, TO INCLUDE:
 - GENERIC DESCRIPTION OF SAMPLE
 - PRODUCT NAME AND NAME OF MANUFACTURER
 - SAMPLE SOURCE
 - NUMBER AND TITLE OF APPLICABLE SPECIFICATION SECTION
- QUALITY REQUIREMENTS
 - FOR QUALITY ASSURANCE AND QUALITY CONTROL TESTING AND INSPECTING SERVICES ARE REQUIRED TO VERIFY COMPLIANCE WITH REQUIREMENTS SPECIFIED OR INDICATED. THESE SERVICES DO NOT RELIEVE CONTRACTOR OF RESPONSIBILITY FOR COMPLIANCE WITH THE CONTRACT DOCUMENT REQUIREMENTS. ALL NECESSARY TESTING AND INSPECTING SERVICES ARE TO BE COORDINATED AND PAID FOR BY THE CONTRACTOR.
- TESTING LABORATORY SERVICES
 - CONTRACTOR TO PROVIDE TESTING AND INSPECTING.
 - CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MAKING ARRANGEMENTS TO HAVE LABORATORY PERSONNEL AVAILABLE WHEN TESTS ARE REQUIRED AND FOR OBTAINING MIX DESIGNS AS REQUIRED.
 - UPON COMPLETION OF EACH TEST AND/OR INSPECTION, PROMPTLY DISTRIBUTE COPIES OF TEST OR INSPECTION REPORTS TO THE ENGINEER, TO GOVERNMENT AGENCIES REQUIRING SUBMISSION OF SUCH REPORTS, AND TO SUCH OTHER PERSONS AS DIRECTED BY THE ENGINEER.
- SELECTIVE DEMOLITION
 - SELECTIVE DEMOLITION INCLUDES:
 - DEMOLITION AND REMOVAL OF SELECTED PORTION OF BUILDING OR STRUCTURE
 - DISCONNECTING, CAPPING OR SEALING SITE UTILITIES
 - SALVAGE OF EXISTING ITEMS TO BE REUSED OR RECYCLED
 - CONTRACTOR TO:
 - DETAIL SPECIAL MEASURES PROPOSED TO PROTECT ADJACENT BUILDING TO REMAIN
 - SCHEDULE OF DEMOLITION ACTIVITIES



PROJECT DESCRIPTION

CONSTRUCTION OF THE MAIN BRANCH OF THE NEW ORLEANS PUBLIC LIBRARY SYSTEM WAS COMPLETED IN 1958. DUE TO A COMBINATION OF HURRICANE KATRINA DAMAGE, THE BUILDING IN USE FOR OVER FIFTY YEARS, AND MAINTENANCE REQUIREMENTS, THE BUILDING REQUIRES MODIFICATIONS TO REMOVE BARRIERS TO THE BUILDING IN ORDER TO MAKE IT ADA (AMERICAN DISABILITY ACT) ACCESSIBLE. THIS SET OF DRAWINGS COVERS CONSTRUCTION DOCUMENTS THAT ARE SEPARATED INTO THREE SCOPES:

SCOPE A - DEMOLITION OF EXISTING ENTRY STAIRS AND CONSTRUCTION OF NEW ENTRY STAIRS AND RAMP. THIS SCOPE INCLUDES NEW CONCRETE PAVING AND A RAISED PLANTER ADJACENT TO THE RAMP AND STAIRS.

SCOPE B - REPAIR TO AN EXISTING RAMP'S HANDRAILS.

SCOPE C - THE MAIN PUBLIC ELEVATOR LOCATED NEAR THE MAIN ENTRANCE AND THE STAFF ELEVATOR LOCATED AT THE REAR OF THE FACILITY WILL BE IMPROVED TO MAKE THEM MORE COMPLIANT WITH ADA STANDARDS.

CITY OF NEW ORLEANS
MAIN LIBRARY REPAIRS
 NEW ORLEANS PUBLIC LIBRARY
 219 LOYOLA AVENUE
 NEW ORLEANS, LA 70112



PROJECT DIRECTORY

OWNER	ARCHITECT	ELECTRICAL ENGINEER
CITY OF NEW ORLEANS DEPARTMENT OF CAPITAL PROJECTS 1300 PERDIDO STREET NEW ORLEANS, LA 70112 504.658.8665	WDG ARCHITECTS ENGINEERS 821 BARONNE STREET NEW ORLEANS, LA 70113 PHONE: 504.754.5280 www.wdgnola.com	WDG ARCHITECTS ENGINEERS 821 BARONNE STREET NEW ORLEANS, LA 70113 PHONE: 504.754.5280 www.wdgnola.com

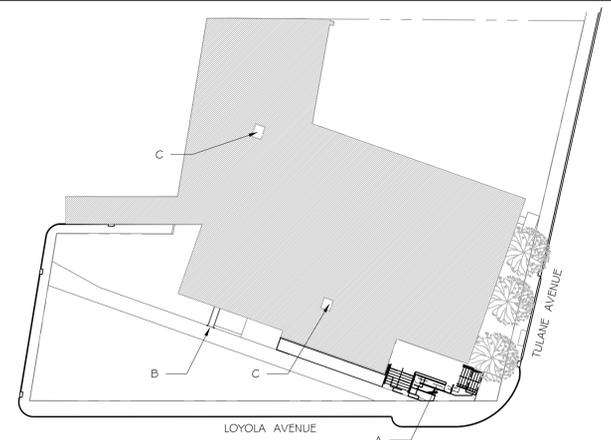
CONCRETE NOTES

- ALL CONCRETE TO BE 4000 PSI @ 28 DAYS WITH 1-1/2" MAXIMUM AGGREGATE, UNLESS OTHERWISE NOTED. MAXIMUM SLUMP 4 INCHES. 0.45 MAXIMUM W/C RATIO
- REINFORCING STEEL SHALL BE DEFORMED TYPE AND SHALL BE NEW BILLET STEEL, GRADE 60, ASTM A-615. WELDED WIRE MESH SHALL BE IN ACCORDANCE WITH ASTM A-185.
- EXPOSED CORNERS OF CONCRETE SHALL HAVE A 3/4" X 45 DEG. CHAMFER.
- CONTRACTOR SHALL COORDINATE HIS EFFORTS WITH REGARD TO ACCESS, SCHEDULE, GROUNDING SLEEVES, SEWER LINE, AND MISC. WITH ELECTRICAL AND MECHANICAL CONTRACTOR.
- DESIGN, FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH ACI 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, LATEST EDITION AND ACI 301 SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS, LATEST EDITION.
- IN THE EVENT OF HOT WEATHER ALL WORK SHALL BE IN ACCORDANCE WITH ACI 308R HOT WEATHER CONCRETING, LATEST EDITION. IN THE EVENT OF COLD WEATHER ALL WORK SHALL BE IN ACCORDANCE WITH ACI 306R COLD WEATHER CONCRETING, LATEST EDITION.
- CONSTRUCTION TOLERANCES SHALL BE IN ACCORDANCE WITH ACI 117 STANDARD SPECIFICATION FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS, LATEST EDITION.
- CONTRACTOR SHALL ENGAGE A TESTING LABORATORY ACCEPTABLE TO THE OWNER TO PERFORM AND SUBMIT TEST REPORTS. SAMPLING AND TESTING FOR QUALITY CONTROL DURING PLACEMENT OF CONCRETE MAY INCLUDE THE FOLLOWING AS DIRECTED BY THE OWNER:
 SLUMP; ASTM C 143 ONE TEST AT POINT OF DISCHARGE FOR EACH SET OF COMPRESSIVE TESTS CYLINDERS. AIR CONTENT; ASTM C 231 ONE TEST AT POINT OF PLACEMENT FOR EACH SET OF COMPRESSIVE CYLINDERS. CONCRETE TEMPERATURE; TEST HOURLY WHEN AIR TEMPERATURE IS 40 DEG F AND BELOW, AND WHEN 90 DEG F AND ABOVE; AND AT EACH COMPRESSIVE TEST
 COMPRESSIVE STRENGTH; ASTM C 39 ONE SET FOR EACH DAY'S POUR EXCEEDING 100 CUBIC YARDS PLUS ADDITIONAL SETS FOR EACH 50 CUBIC YARDS OVER AND ABOVE THE FIRST 25 CUBIC YARDS; ONE SPECIMEN TESTED AT 7 DAYS, TWO SPECIMENS TESTED AT 28 DAYS AND ONE SPECIMEN RETAINED IN RESERVE FOR LATER TESTING IF REQUIRED.
 STRENGTH LEVEL OF CONCRETE WILL BE CONSIDERED SATISFACTORY IF AVERAGES OF SETS OF THREE CONSECUTIVE STRENGTH TEST RESULTS EQUAL OR EXCEED SPECIFIED COMPRESSIVE STRENGTH, AND NO INDIVIDUAL STRENGTH TEST RESULTS FALLS BELOW SPECIFIED COMPRESSIVE STRENGTH BY MORE THAN 500 PSI.
 TEST RESULTS WILL BE REPORTED IN WRITING TO THE OWNER WITHIN 24 HOURS AFTER TESTS.
- PROVIDE A 90 DEGREE HOOK ON ALL TOP REINFORCEMENT IN ALL BEAMS AT DISCONTINUOUS ENDS AND LAP SPLICE 30 BAR DIAS AT MID-SPAN. CONTINUOUS BOTTOM BARS SHOULD BE LAP SPICED 6' AT CENTER OF SUPPORT.
- TEMPERATURE BARS IN SLAB AND INTERMEDIATE HORIZONTAL BARS IN WALLS AND BEAMS, TENSION LAP SPLICE: SEE TABLE BELOW:

11. PROVIDE CORNER BARS AT EACH OUTSIDE CORNER FOR EACH HORIZONTAL BAR IN WALLS AND BEAMS; SEE LAP SPLICE TABLE FOR REQUIRED LAP LENGTH. HOOK INSIDE BAR IN WALLS AT ENDS.
LAP SPLICE TABLE IN INCHES:
#4 25
#5 31
#6 37
#7 54
#8 62
- CONCRETE PROTECTION FOR REINFORCING: 3" AT FOOTINGS AND GRADE BEAMS; 2" AT FORMED SURFACES LATER EXPOSED TO SOIL; 1 1/2" AT BEAMS, COLUMNS, AND WALLS; 1" AT SLABS.
- NO HOLES OR OPENINGS THROUGH FOUNDATION AND/OR FOOTING WITHOUT PRIOR APPROVAL.
- FOR GRADE BEAMS USE CONCRETE WEDGES FOR REINFORCING STEEL SUPPORTS. BRICK OR MASONRY BLOCK IS NOT ACCEPTED.
- SECTIONS DO NOT INDICATE ALL CONCRETE REINFORCING. CHECK SCHEDULES AND NOTES FOR REINFORCING.

CIVIL NOTES

- THE SITE UNDER THE NEW RAMP AND STAIRS SHALL BE CLEANED OF ALL TRASH, TREES, AND LOOSE STONES AND STRIPPED OF UPPER LOOSE SOIL CONTAINING VEGETATION OR OTHER UNSUITABLE MATERIAL.
- ALL EXCAVATION SHALL BE MADE TO LINES AND ELEVATIONS AS SHOWN ON THESE DRAWINGS. AFTER EXCAVATION, THE EXPOSED SOILS SHALL BE INSPECTED AND ANY UNSUITABLE DEPOSITS REMOVED.
- ALL SURPLUS EXCAVATED MATERIAL AND UNAPPROVED MATERIALS SHALL BE TRANSPORTED OFF THE CONSTRUCTION SITE. THE CONTRACTOR SHALL BEAR ALL COSTS CONNECTED WITH REMOVAL AND DISPOSAL. THE CONTRACTOR SHALL PROPERLY DISPOSE OF ALL MATERIAL REQUIRED TO BE DISPOSED OF OFFSITE OF THE OWNER'S PROPERTY.
- FILL UNDER FOUNDATION SHALL BE FREE OF WOOD, ROOTS, AND ORGANIC MATTER AND DEBRIS. THE SAND SHOULD NOT CONTAIN MORE THAN 10% (BY WEIGHT) OF MATERIAL PASSING A NO. 200 MESH SIEVE, AND SHALL BE NON PLASTIC. FILL SHALL BE SPREAD IN 6 INCH THICK LAYERS AND EACH LAYER COMPACTED TO NOT LESS THAN 95% OF MAXIMUM DRY DENSITY AT OPTIMUM WATER CONTENT AS DETERMINED IN ACCORDANCE WITH ASTM D-1557.
- PRIOR TO PLACING FILL, THE SURFACES SHALL BE SCARIFIED FOR A DEPTH OF AT LEAST 6 INCHES AND COMPACTED AT A MOISTURE CONTENT ABOVE OPTIMUM BUT WHICH WILL PERMIT PROPER COMPACTION.
- SHOULD UNSUITABLE SOIL BE ENCOUNTERED 3 FEET BELOW EXISTING GRADE THE CONTRACTOR SHALL REMOVE AND REPLACE WITH COMPACTED SAND.
- IN-PLACE DENSITY TESTING SHALL BE TAKEN AT THE FREQUENCY OF ONE TEST PER 2500 SQUARE FEET PER LIFT. FIELD DENSITY TESTS SHALL BE IN ACCORDANCE WITH ASTM D 1556 (SAND CONE METHOD) OR ASTM D 2922 (NUCLEAR DENSITY METHOD). IF IN THE OPINION OF THE OWNER, BASED ON TESTING SERVICE REPORTS AND INSPECTION, FILLS WHICH HAVE BEEN PLACED ARE BELOW SPECIFIED DENSITY, ADDITIONAL COMPACTION SHALL BE PERFORMED AT NO ADDITIONAL EXPENSE TO THE OWNER.
- REFERENCE CONCRETE JOINT DETAIL 11A101.
- ALL WORK IN PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL REQUIREMENTS AND STANDARDS.



SCOPE LEGEND

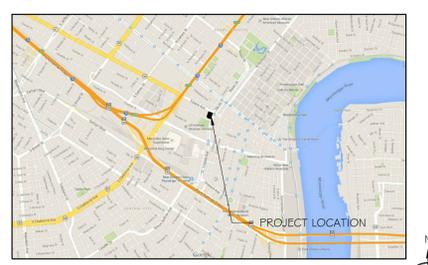
A	ENTRY STAIRS AND RAMP
B	EXISTING RAMP HANDRAIL REPAIR
C	ELEVATOR UPGRADE

1
G001 SITE PLAN & SCOPE KEY PLAN
SCALE: 1/64" = 1'-0"

GENERAL NOTES

- THE CONTRACTOR IS TO VISIT THE SITE AND VERIFY ALL EXISTING BUILDING AND SITE CONDITIONS PRIOR TO COMMENCING WORK. SHOULD ANY DISCREPANCIES BE ENCOUNTERED, THE ARCHITECT / ENGINEER SHOULD BE NOTIFIED IN WRITING.
- THE CONTRACTOR IS TO ACQUIRE AND PAY FOR ALL REQUIRED PERMITS FOR THE CONSTRUCTION AND OCCUPANCY OF THE PROJECT.
- THE CONTRACTOR SHALL REPAIR EXISTING SURFACES DAMAGED BY DEMOLITION, TO MATCH EXISTING.
- PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL VERIFY LOCATION OF ALL EQUIPMENT AND UTILITIES. REMOVAL OF EQUIPMENT AND UTILITIES SHALL BE COORDINATED WITH THE OWNER, ARCHITECT / ENGINEER, UTILITY COMPANIES, AND ALL AUTHORITIES HAVING JURISDICTION.
- CLEANING: REMOVE RUBBISH AND DEBRIS DAILY. LEAVE JOB SITE CLEAN UPON COMPLETION OF WORK.
- THE CONTRACTOR SHALL PROVIDE AN ITEMIZED COST BREAKDOWN FOR LABOR AND MATERIALS OF ALL ITEMS AND PHASES OF CONSTRUCTION PROMPTLY AFTER BEING AWARDED THE CONTRACT.
- DEVIATION FROM THE CONTRACT DOCUMENTS NOT APPROVED IN WRITING BY THE ARCHITECT OR OWNER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE GENERAL CONTRACTOR SHALL VERIFY ANY OWNER PROVIDED AND INSTALLED ITEMS AND COORDINATE WITH OWNER'S REPRESENTATIVE TO AVOID CONFLICTS OR DISCREPANCIES.
- DO NOT SCALE DRAWINGS, USE WRITTEN DIMENSIONS ONLY, SUBMIT A REQUEST FOR CLARIFICATION IN WRITING TO THE ARCHITECT FOR ANY DISCREPANCIES.
- WHERE MATERIAL FASTENERS ARE NOT INDICATED, PROVIDE AS SPECIFIED BY THE MATERIAL MANUFACTURER'S RECOMMENDATIONS AND PROCEDURES
- ALL VERTICAL RUNS OF ELECTRICAL/DATA WIRING TO BE INSIDE OF CONDUIT, INSIDE OF WALLS. CONTRACTOR TO COORDINATE SUBCONTRACTOR WORK TO ENSURE COMPLIANCE.
- PROVIDE TEMPORARY SAFETY FENCE TO SEPARATE THE WORK AREA FROM ADJACENT PEDESTRIAN AREAS.
- ALL WORK TO BE PERFORMED THAT IS NOT COVERED BY THESE PLANS SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPLICABLE STATE, COUNTY, OR LOCAL CODES.

VICINITY MAP



INDEX OF DRAWINGS

GENERAL	
SURVEY	FOR REFERENCE ONLY
G001	COVER SHEET, INDEX, SITE PLAN, GENERAL NOTES, GENERAL REQUIREMENTS
ADA SCOPE ITEMS	
A101	STAIRS AND RAMP - DEMOLITION PLAN & NOTES, NEW WORK PLANS, SECTIONS AND DETAILS
E100	ELEVATOR ADA UPGRADE, ELECTRICAL

WDG PROJECT NUMBER

13-104
APPROVED BY JMS
DRAFTED BY LAL
CHECKED BY

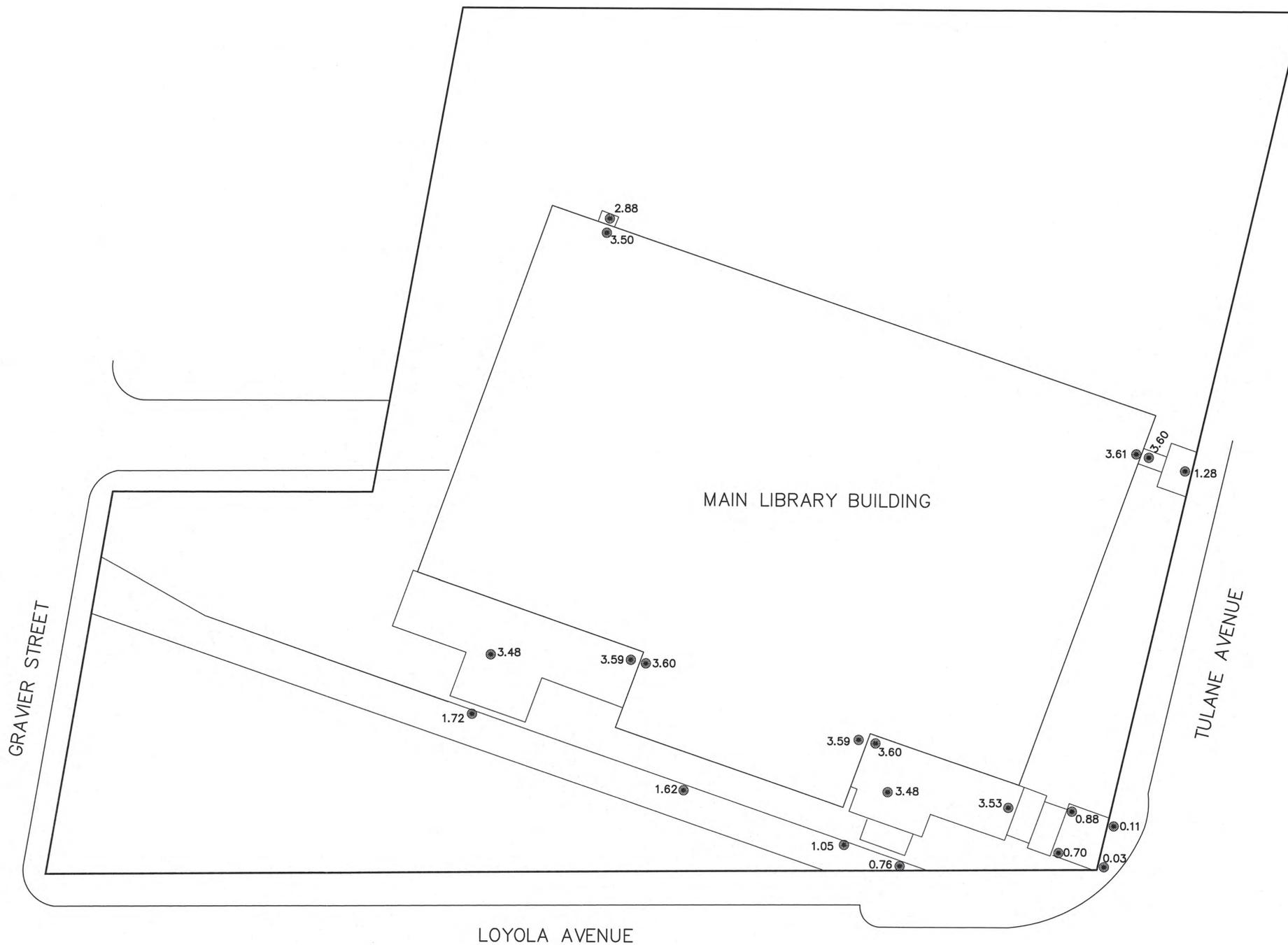
12/23/2014

SCHEMATIC DESIGN
DESIGN DEVELOPMENT
FOR BID
FOR CONSTRUCTION

COVER SHEET,
INDEX, SITE PLAN
G001

APP	CHK	BY	DATE	REV#	DESCRIPTION	APP	CHK	BY	DATE	REV#	DESCRIPTION	APP	CHK	BY	DATE	REV#	DESCRIPTION	APP	CHK	BY	DATE	REV#	DESCRIPTION	
				Δ						Δ														

LIBERTY STREET
(SIDE)



GENERAL NOTES

THE LOCATIONS OF UNDERGROUND AND OTHER NONVISIBLE UTILITIES SHOWN HEREON HAVE BEEN DETERMINED FROM DATA EITHER FURNISHED BY THE AGENCIES CONTROLLING SUCH DATA AND/OR EXTRACTED FROM RECORDS MADE AVAILABLE TO US BY THE AGENCIES CONTROLLING SUCH RECORDS. WHERE FOUND, THE SURFACE FEATURES OF LOCATIONS ARE SHOWN. THE ACTUAL NONVISIBLE LOCATIONS MAY VARY FROM THOSE SHOWN HEREON. EACH AGENCY SHOULD BE CONTACTED RELATIVE TO THE PRECISE LOCATION OF ITS UNDERGROUND INSTALLATION PRIOR TO ANY RELIANCE UPON THE ACCURACY OF SUCH LOCATIONS SHOWN HEREON, INCLUDING PRIOR TO EXCAVATION AND DIGGING.

BASIS OF ELEVATION

ELEVATIONS SHOWN ON THIS SURVEY ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) UTILIZING GEOID 12A. THEY ARE DERIVED FROM GPS OBSERVATIONS REFERENCED TO THE LOUISIANA STATE UNIVERSITY CONTINUOUSLY OPERATING REFERENCE STATIONS NETWORK IN ACCORDANCE WITH LOUISIANA R.S. 50:173.1 COVERING VERTICAL CONTROL STANDARDS.

SERVITUDES

THE SERVITUDES AND RESTRICTIONS SHOWN ON THIS SURVEY ARE LIMITED TO THOSE SET FORTH IN THE DESCRIPTION FURNISHED US AND THERE IS NO REPRESENTATION THAT ALL APPLICABLE SERVITUDES AND RESTRICTIONS ARE SHOWN HEREON. THE SURVEYOR HAS MADE NO TITLE SEARCH OR PUBLIC RECORD SEARCH IN COMPILING THE DATA FOR THIS SURVEY.

SPECIAL FLOOD HAZARD AREA

I HAVE CONSULTED THE FEDERAL INSURANCE ADMINISTRATION FLOOD HAZARD BOUNDARY MAPS AND FOUND THIS PROPERTY IS/IS NOT IN A SPECIAL FLOOD HAZARD AREA.

FIRM ZONE: A1
BASE FLOOD ELEVATION: 2.5

COMMUNITY PANEL NO. 225203 0160 E
MAP DATED/REVISED: 3/1/1984



John S. Teegarden
REGISTERED PROFESSIONAL LAND SURVEYOR
REGISTRATION NO. 4635



**ELEVATION SURVEY
OF
NEW ORLEANS PUBLIC MAIN LIBRARY
NEW ORLEANS, LOUISIANA**

I certify that this plot represents an actual ground survey made by me or under my direction, and it does not constitute a subdivision of land. It is subject to the provisions of the Louisiana Administrative Code Title 462, LXX, Chapter 29 for a Class C survey.

WDG ARCHITECTS ENGINEERS

MARK	DESCRIPTION	REVISION RECORD	DATE	BY	CHK'D

SCALE:	1" = 20'
DATE:	8/26/2014
DRAWN BY:	K.J.E.
CHECKED BY:	J.S.T.
FILE NO.	8724
PROJECT NO.	8724
SHEET	1 OF 1

THE DESIGN CONCEPTS REPRESENTED IN THIS DOCUMENT ARE SPECIFICALLY FOR THIS PROJECT. INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF WDG | ARCHITECTS ENGINEERS AND SHALL NOT BE TRANSFERRED TO ANY OTHER DOCUMENTS, USED FOR ANY OTHER PURPOSE OR TO BE CONVEYED TO THIRD PARTIES IN ANY FORM WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF WDG | ARCHITECTS ENGINEERS.

WDG PROJECT NUMBER	13-104
APPROVED BY	LAL
DRAFTED BY	AC
CHECKED BY	BI
12/23/2014	△
SCHEMATIC DESIGN	
DESIGN DEVELOPMENT	
FOR BID	
FOR CONSTRUCTION	

ELECTRICAL NOTES:

- WORK PERFORMED UNDER THE ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH STANDARDS LISTED BELOW OF THE LATEST APPLICABLE EDITION ADOPTED BY THE AUTHORITY HAVING JURISDICTION. WHERE THESE SPECIFICATIONS ARE MORE STRINGENT, THEY SHALL TAKE PRECEDENCE. IN CASE OF CONFLICT, OBTAIN A DECISION FROM THE ARCHITECT.
- THE NATIONAL ELECTRICAL CODE (NEC) (2011 EDITION).
 - NFPA - NATIONAL FIRE PROTECTION ASSOCIATION NFPA-101, LIFE SAFETY CODE.
 - NFPA - NATIONAL FIRE PROTECTION ASSOCIATION NFPA-72, FIRE ALARM CODE.
 - OSHA CODE OF FEDERAL REGULATIONS (FOR CONSTRUCTION PRACTICES).
 - ANSI HANDICAPPED CODE-A117.1.
 - ANSI-A17.1-1981: ELEVATORS, DUMBWAITERS, ESCALATORS AND MOVING WALKS.
 - APPLICABLE STATE AND LOCAL CODES/ORDINANCES.
 - IPCIA - INSULATED POWER CABLE ENGINEERS' ASSOCIATION
 - FM - FACTORY MUTUAL
 - ETL - ELECTRICAL TESTING LABORATORIES
 - IES - ILLUMINATING ENGINEERING SOCIETY
 - NECA
 - IBC
- THE TERM "PROVIDE" MEANS TO FURNISH AND INSTALL.
 - IF A CONFLICT OCCURS BETWEEN DRAWINGS AND/OR SPECIFICATIONS, BID THE GREATER QUANTITY AND/OR QUALITY.
 - CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH GENERAL CONTRACTOR ON THE APPLICATION FOR PERMIT AND REMITTANCE OF ALL FEES. IN ADDITION, CONTRACTOR TO PROVIDE FINAL INSPECTION CERTIFICATE.
 - INCLUDE THE COSTS TO INCORPORATE ALL CODES AND ORDINANCE REQUIREMENTS INTO THE BASE BID AND INSTALLATION OF WORK FOR THIS PROJECT. NO ADDITIONAL FUNDS WILL BE ALLOCATED FOR WORK TO CONFORM TO REGULATIONS AND REQUIREMENTS AND/OR TO OBTAIN APPROVAL OF WORK.
 - PROVIDE COMPLETE INSTALLATION, INCLUDING ALL MINOR ITEMS. THIS INCLUDES ELECTRICAL WORK, ELEVATOR WORK, AS WELL AS ANY OTHER SYSTEMS SHOWN IN THESE DRAWINGS. PROVIDE ALL MOUNTING HARDWARE AND SUPPORTS FOR ELECTRICAL EQUIPMENT REQUIRED FOR A COMPLETE INSTALL.
 - DRAWINGS ARE DIAGRAMMATICAL. ALL ELECTRICAL EQUIPMENT LOCATIONS ARE APPROXIMATE ONLY. FOR ALL MEASUREMENTS, USE ARCHITECTURAL PLANS AND FIELD SURVEYS TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR. LAYOUT OF EQUIPMENT, ACCESSORIES, SPECIALTIES, WIRING AND CONDUIT SYSTEMS ARE STRICTLY DIAGRAMMATIC UNLESS SPECIFICALLY DIMENSIONED, AND DO NOT INDICATE EVERY REQUIRED FITTING, ELBOW, TRANSITION, JUNCTION BOX OR SIMILAR ITEMS THAT ARE REQUIRED FOR A COMPLETE INSTALLATION.
 - COORDINATE ELECTRICAL WORK WITH OTHER TRADES PRIOR TO SUBMITTING A BID.
 - RACEWAYS AND CABLES FOR ALL SYSTEMS SHALL BE INSTALLED CONCEALED UNLESS OTHERWISE NOTED.
 - ALL WORK SHALL BE PROPERLY SUPPORTED FROM THE BUILDING STRUCTURE IN AN APPROVED MANNER AND FASTENED TO BUILDING CONSTRUCTION WITH APPROVED SUPPORTS. DO NOT SUPPORT EQUIPMENT, DEVICES, CONDUIT, DUCTWORK, ETC. FROM OTHER CONDUIT OR DUCTWORK.
 - PROVIDE EXPANSION AND DEFLECTION FITTINGS FOR CONDUITS CROSSING EXPANSION JOINTS. PROVIDE BONDING JUMPERS FOR ALL EXPANSION FITTINGS.
 - UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE A COMPLETE SET OF THE DRAWINGS USED STRICTLY FOR MARK-UPS WHICH SHALL INCLUDE ALL REVISIONS, SKETCHES, ETC., REQUIRED DURING CONSTRUCTION. THE CONTRACTOR SHALL MARK THESE DRAWINGS RED FOR ADDITIONS AND GREEN FOR DELETIONS TO INDICATE EXACT, AS INSTALLED CONDITIONS.
 - CONTRACTOR SHALL VISIT THE SITE OF THE PROPOSED WORK TO UNDERSTAND THE COMPLEXITY, RESTRICTIONS, AND ALL THE REQUIREMENTS TO PERFORM WORK OF THESE DOCUMENTS IN SAID FACILITY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO THE SUCCESSFUL BIDDER FOR FAILURE TO BE SO INFORMED.
 - UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR SWITCH OFF ANY ELECTRICAL SERVICE AT ANY POINT IN THE ELECTRICAL DISTRIBUTION SYSTEM OR PERFORM ANY WORK THAT WOULD INTERRUPT OR AFFECT THE NORMAL OPERATIONS OF THE FACILITY, OR TENANT OFFICES, UNLESS OTHERWISE NOTED. ANY WORK INCLUSIVE OF THE ABOVE SHALL BE PERFORMED DURING OTHER THAN NORMAL HOURS AT A TIME AND DATE CONVENIENT WITH THE OWNER AND OTHER PARTIES INVOLVED. THE CONTRACTOR, IN ADVANCE, SHALL PRESENT A METHOD OF PROCEDURE DETAILING THE SCOPE OF WORK AND LENGTH OF TIME TO COMPLETE THE WORK AND A PROPOSED TIME AND DATE. OWNER RETAINS THE RIGHT TO ADJUST THE TIME AND DATE OR CANCEL AN APPROVED SCHEDULE AT NO ADDITIONAL COST.
 - RACEWAYS PASSING THROUGH OR INSTALLED IN FIRE RATED CONSTRUCTION SHALL BE SEALED WITH U.L LISTED FIRE RATED SEALANT SYSTEM IN ACCORDANCE WITH SEALANT MANUFACTURERS' RECOMMENDATIONS. WHERE ELECTRICAL RACEWAYS ARE INSTALLED THROUGH RATED FLOORS OR WALLS, THE CONTRACTOR SHALL PROVIDE APPROPRIATE FITTINGS APPROVED BY ALL REQUIRED LOCAL AUTHORITIES FOR THE INTENDED APPLICATION. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - MAINTAIN FIRE RATING OF WALLS, FLOORS, AND CEILINGS WHEN PERFORMING WORK AND INSTALLING DEVICES, BOXES, ETC. USE FIRE CAULK, "PUTTY PADS," OR OTHER APPROVED AND APPROPRIATE METHODS TO MAINTAIN RATING.
 - A WARRANTY PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE OF FINAL COMPLETION OF THE PROJECT SHALL APPLY TO ALL ELECTRICAL EQUIPMENT FURNISHED AND TO ANY ELECTRICAL WORK FURNISHED UNDER THESE SPECIFICATIONS. CONTRACTOR SHALL REPAIR OR REPLACE ANY DEFECTS IN WORKMANSHIP, DESIGN OR MATERIALS AT HIS OWN EXPENSE. WARRANTY WORK SHALL BE PERFORMED WITHIN A REASONABLE TIMEFRAME AS SOON AS POSSIBLE AFTER THE DISCREPANCY IS NOTICED.
 - AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL REMOVE ALL DEBRIS, SURPLUS MATERIALS OR FOREIGN MATTER CAUSED BY THE PERFORMANCE OF ELECTRICAL WORK ON THE PREMISES. UPON COMPLETION OF THE WORK THE CONTRACTOR SHALL BE RESPONSIBLE FOR LEAVING THE PREMISES IN A CLEAN CONDITION.
 - NO INSTALLATION WILL BE CONSIDERED COMPLETE UNTIL THE PROPER OPERATION OF ALL ELECTRICAL EQUIPMENT HAS BEEN DEMONSTRATED TO THE SATISFACTORY OF THE OWNER OR ITS AUTHORIZED REPRESENTATIVE. ALSO, ANY RECORD DRAWINGS, BOOKS NECESSARY TO MAINTAIN OR REPLACE ANY CONTRACTOR SUPPLIED MATERIAL SHALL BE COMPILED AND PRESENTED TO THE OWNER IN A FORM SUITABLE FOR REPRODUCTION.
 - THESE DRAWINGS HAVE BEEN COORDINATED WITH MECHANICAL AND ARCHITECTURAL DRAWINGS. ELECTRICAL CONTRACTOR TO COORDINATE CONDUIT, ETC. SIZES WITH MANUFACTURERS' RECOMMENDATIONS OF EQUIPMENT AND UNITS ACTUALLY INSTALLED AND MODIFY THIS DESIGN AS NECESSARY TO ACCOMMODATE.
 - COORDINATE PHASING AS DIRECTED BY ARCHITECTURAL DRAWINGS AND THE GENERAL CONTRACTOR. MAKE ALL TEMPORARY CONNECTIONS NECESSARY ACCORDING TO ELECTRICAL DEMOLITION NOTES.
 - EXISTING CONDITIONS TAKEN OFF OF BUILDING PLANS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD PRIOR TO CONSTRUCTION.
 - ARCHITECT BASE DRAWINGS HAVE PREFERENCE. ALL DISCREPANCIES WITH BASE DRAWINGS IN ELECTRICAL SET TO BE CLARIFIED WITH GENERAL CONTRACTOR, ARCHITECT AND ELECTRICAL ENGINEER.

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
POWER	
Ⓜ	JUNCTION BOX
■	PANELBOARD - SURFACE MOUNTED
CIRCUITRY	
—	1 POWER CIRCUIT HOME RUN (CONDUIT ONLY)
UG	UNDERGROUND WIRING IN CONDUIT - SITE WORK
REFERENCE TAGS	
Ⓛ	KEYED NOTE.
100	DOOR IDENTIFICATION REFERENCE.
△	REVISION REFERENCE.

KEYED PLAN NOTES:

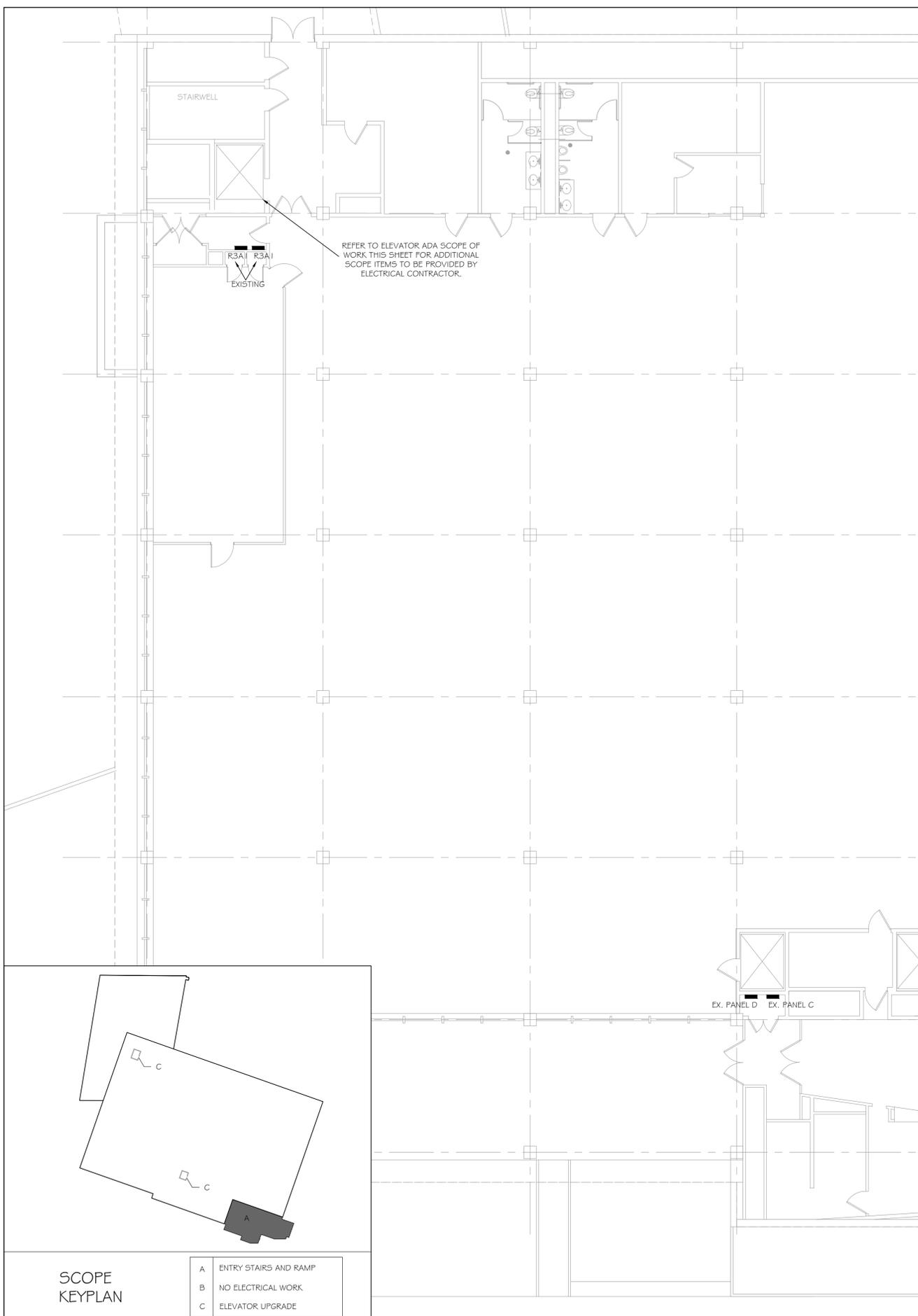
- PROVIDE NEW UNDERGROUND SCH. 80 PVC CONDUIT FROM INDICATED PANEL TO JUNCTION BOX FOR MONUMENT SIGN (S). PROVIDE PVC EXTERIOR RATED GASKETED JUNCTION BOX, CONDUIT, AND CONNECTIONS. PROVIDE LISTED CONDUIT SEALS AT THRESHOLD INTO BUILDING. JUNCTION BOXES TO BE FLUSH MOUNTED WITH GRADE AND EXACT LOCATIONS COORDINATED IN THE FIELD WITH ARCHITECT. CONDUIT TO BE A MINIMUM OF 24" BELOW GRADE. PROVIDE WARNING TAPE 12" ABOVE CONDUIT.

ELEVATOR ADA SCOPE:

- ELECTRICAL CONTRACTOR TO PROVIDE THE FOLLOWING SCOPE ITEMS IN ORDER TO BRING THE INDICATED ELEVATORS INTO ADA COMPLIANCE. ALL WORK IS TO BE IN COMPLIANCE WITH 2010 ADA STANDARDS SECTION 407 AND NFPA 70 2011 EDITION. ANY CONFLICTS WITH ADA STANDARDS AND THE REQUIREMENTS BELOW SHALL BE PRESENTED TO THE ARCHITECT PRIOR TO BIDDING. THE ELEVATOR MANUFACTURER IS THYSSEN KRUPP.
- PROVIDE/REPLACE HOISTWAY ENTRANCES WITH NEW RAISED LETTERING AND BRAILLE SIGNS DENOTING LEVEL ON EACH FLOOR.
 - PROVIDE NEW ELEVATOR AUDIO AND VISUAL NOTIFICATION ON EACH LANDING.
 - PROVIDE NEW ELEVATOR AUDIO AND VISUAL NOTIFICATION WITHIN THE ELEVATOR CAB.
 - CORRECT DOOR AND SIGNAL TIMING TO MEET ADA STANDARDS.
 - REPLACE MECHANICAL DOOR BUMP SWITCH WITH INFRARED SAFETY DOOR EDGE.
 - PROVIDE NEW EMERGENCY PHONE AND ACCESS DOOR WITH UNIT THAT IS EASILY ACCESSIBLE BY HANDICAPPED INDIVIDUALS COMPLYING WITH SECTION 308 AND 309. CURRENT DOOR TO EMERGENCY PHONE IS NOT EASILY OPERATED BY HANDICAPPED INDIVIDUALS.
 - PROVIDE BLOCKING AS REQUIRED TO ENSURE ALL SIGNAGE IS TO BE INSTALLED SECURELY.
 - PATCH, REPAIR, & PAINT ALL SURFACES (TO MATCH EXISTING) THAT ARE NEW, ALTERED, OR DAMAGED AS A RESULT OF REQUIRED SCOPE ITEMS.

DEMOLITION SCOPE:

DEMOLISH EXISTING ALL STAIR STEP LIGHTING. REMOVE CONDUCTORS BACK TO FEEDING PANEL OR JUNCTION BOX. MAINTAIN CIRCUIT CONTINUITY FOR ANY ADDITIONAL FIXTURES ON THE SAME CIRCUIT THAT ARE TO REMAIN. UPDATE PANEL SCHEDULE(S). FILL ALL DEMOLISHED LIGHTING FIXTURE RECESSES WITH GROUT TO PROVIDE A FLUSH FINISH.



SCOPE KEYPLAN

A	ENTRY STAIRS AND RAMP
B	NO ELECTRICAL WORK
C	ELEVATOR UPGRADE

APP	CHK	BY	DESCRIPTION	DATE	REV#	APP	CHK	BY	DESCRIPTION	DATE	REV#	APP	CHK	BY	DESCRIPTION	DATE	REV#
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LEVEL 1 FLOOR PLAN - POWER, LIGHTING, AND COMMUNICATIONS PLAN
SCALE: 1/8" = 1'-0"