

CAPITAL SECURITY PROJECT THEODORE LEVIN U.S. COURTHOUSE NEW RAMP

231 WEST LAFAYETTE
DETROIT, MI 48226

AE# 1905-28

CUI

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ARCHITECT
G.H. FORBES ASSOCIATES
816 E. 4TH STREET
ROYAL OAK, MI 48067

ABBREVIATIONS

A.B.	ANCHOR BOLTS	DN.	DOWN	LAM.	LAMINATE	RAD.	RADIUS
A.C.T.	ACOUSTICAL CEILING TILE	D.O.	DOOR OPENING	LAV.	LAVATORY	R.C.P.	REFLECTED CEILING PLAN
ADDN.	ADDITIONAL	DN.	DOOR	LB.	POUND	R	RISER
ADJ.	ADJACENT	D.S.	DOWN SPOUT	LEV.	LEVEL	R.D.	ROOF DRAIN
A.F.F.	ABOVE FINISHED FLOOR	DWG.	DRAWING	L.F.	LINEAR FEET	RTU	ROOF TOP UNIT
A.F.G.	ABOVE FINISHED GRADE	DWL.	DOWEL	LG.	LONG	REF.	REFERENCE
A.H.J.	AUTHORITY HAVING JURISDICTION	EA.	EACH	LGTH.	LENGTH	REFL.	REFLECTED
A.H.U.	AIR HANDLING UNIT	E.J.	EXPANSION JOINT	L.H.	LOUVER HEAD	REINF.	REINFORCEMENT
ALT.	ALTERNATE	EL.	ELEVATION	L.J.	LOUVER JAMB	REM.	REMOVABLE
ANCH.	ANCHOR	ELEC.	ELECTRICAL	L.L.	LIVE LOAD	REQD.	REQUIRED
A.N.S.I.	AMERICAN NATIONAL STANDARDS INSTITUTE	EMB.	EMBEDMENT	LLH	LONG LEG HORIZONTAL	R.R.	RAILROAD
A.P.	ACCESS PANEL	EQ.	EQUAL	LLV	LONG LEG VERTICAL	RM.	ROOM
APPROX.	APPROXIMATE	EQUIP.	EQUIPMENT	L.O.	LOUVER OPENING	SCHED.	SCHEDULE
ARCH.	ARCHITECT, ARCHITECTURAL	EQUIV.	EQUIVALENT	L.P.	LOUVER SILL	SECT.	SECTION
A.S.T.M.	AMERICAN SOCIETY FOR TESTING MATERIALS	E.W.	EACH WAY	L.S.	LOUVER	S.F.	SQUARE FEET
B.A.S.	BUILDING AUTOMATION SYSTEM	EXC.	EXCAVATED	L.V.R.	METER	SGL.	SINGLE
B/B	BACK TO BACK	EXP.	EXPANSION	M	MACHINE	SHT.	SHEET
B.C.	BOTTOM CHORD	EXP.B.	EXPANSION BOLT	MACH.	MAINTENANCE	SIM.	SIMILAR
B.E.	BOTTOM ELEVATION	(E)	EXISTING	MAINT.	MASONRY	SP.	SPACE
BET.	BETWEEN	EXIST.	EXISTING	MAS.	MAXIMUM	SPEC.	SPECIFICATIONS
B.F.	BARRIER FREE	EXT.	EXTERIOR	MAX.	MECHANICAL	SQ.	SQUARE
B.F.F.	BELOW FINISHED FLOOR	F/F	FACE TO FACE	MACH.	METAL	S.S.	STAINLESS STEEL
BLDG.	BUILDING	F.D.	FLOOR DRAIN	MET.	MEZZANINE	SSTL.	STRUCTURAL STEEL
BLK.	BLOCK	FDN.	FOUNDATION	MEZZ.	MANUFACTURER	STAGG.	STAGGERED
BM.	BEAM	F.F.E.	FINISH FLOOR ELEVATION	MFR.	MISCELLANEOUS IRON	STD.	STANDARD
B.O.S.	BOTTOM OF STEEL	FIN.	FINISH, FINISHED	M.I.	MINIMUM	STIFF.	STIFFENER
BOTT.	BOTTOM	FL.	FLOOR	MIN.	MISCELLANEOUS	STL. PL.	STEEL PLATE
BRCG.	BRACING	F.S.	FAR SIDE	MISC.	MILLIMETER	STRUC.	STRUCTURAL
BRG.	BEARING	FT.	FEET	MM.	MASONRY OPENING	SUPP.	SUPPORT
BRKT.	BRACKET	FTG.	FOOTING	M.O.	MOISTURE RESISTANT	SURF.	SURFACE
BSMT.	BASEMENT	FUT.	FUTURE	M.R.A.C.T.	METRIC TON	SYM.	SYMMETRICAL
BULL.	BULLETIN	G.A.	GAGE	M.T.	NOT IN CONTRACT	T	TREAD
C.	CHANNEL OR CONDUIT	GALV.	GALVANIZED	N.I.C.	NUMBER	T&B	TOP AND BOTTOM
C/C	CENTER TO CENTER	G.C.	GENERAL CONTRACTOR	NO.	NOMINAL	T.C.	TOP CHORD
CERT.	CERTIFIED	GEN.	GENERAL	N.S.	NEAR SIDE	T/E	TOP OF EAVE OR PARAPET STEEL
C.G.	CORNER GUARD	G.L.	GIRT LINE	N.T.S	NOT TO SCALE	TEMP.	TEMPERATURE, TEMPORARY
CHKD. PL.	CHECKERED PLATE	GRAT.	GRATING	O/O	OUT TO OUT	THD.	THREAD
C.J.	CONSTRUCTION/CONTROL JOINT	GRT.	GROUT	O.D.	OUTSIDE DIAMETER	THK.	THICKNESS
C.L.	CENTER LINE	GWB.	GYPSUM WALL BOARD	OHD.	OVERHEAD	T.L.	TOTAL LOAD
CLG.	CEILING	H.	HIGH	OPNG.	OPENING	T/M	TOP OF MASONRY
CLR.	CLEAR	HGR.	HANGER	OPP.	OPPOSITE	T.O.F.	TOP OF FOOTING
CM.	CENTIMETER	H.A.	HOLLOW METAL	OPP. HD.	OPPOSITE HAND	T/STL.	TOP OF STEEL
C.M.U.	CONCRETE MASONRY UNIT	HT.	HEIGHT	P-LAM	PLASTIC LAMINATE	T/S	TOP OF SLAB
CNVR.	CONVEYOR	HORIZ.	HORIZONTAL	PAR.	PARALLEL	TYP.	TYPICAL
COL.	COLUMN	H.P.	HIGH POINT	P/C	PIECE	U/S	UNDERSIDE
CONN.	CONNECT/CONNECTION	H.R.	HANDRAIL	P/C	PRECAST	U.N.O.	UNLESS NOTED OTHERWISE
CONSTR.	CONSTRUCTION	H.S.	HIGH STRENGTH	P.C.F.	POUNDS PER CUBIC FOOT	VERT.	VERTICAL
CONT.	CONTINUATION/CONTINUOUS	I.D.	INSIDE DIAMETER	PEN.	PENETRATION	V.C.T.	VINYL COMPOSITE TILE
CONTR.	CONTRACTOR	I.E.	INVERT ELEVATION	PH.	PHASE	W/	WITH
COV.	COVER	IN.	INCHES	PL.	PLATE	W/O	WITHOUT
CTR.	CENTER	INCL.	INCLUDE, INCLUDING	PLWD.	PLYWOOD	WD.	WOOD
DEG.	DEGREE	INFO.	INFORMATION	PREFAB.	PREFABRICATION	W.H.	WINDOW HEAD
DEMO	DEMOLITION	J.C.	JANITOR'S CLOSET	PROJ.	PROJECT, PROJECTION	W.J.	WINDOW JAMB
DET.	DETAIL	JOINT	JOINT	P.S.F.	POUNDS PER SQUARE FOOT	W.O.	WINDOW OPENING
DIA.	DIAMETER	K.B.	KNEE BRACE	P.S.I.	POUNDS PER SQUARE INCH	WPT.	WORKING POINT
DIAG.	DIAGONAL	K.O.P.	KNOCK OUT PANEL	PT.	POINT	W.S.	WATER STOP
DIM.	DIMENSION	K.P.	KICK PLATE	QTY.	QUANTITY	WT.	WEIGHT
D.J.	DOOR JAMB	L.	LENGTH			YD.	YARD
		LAD.	LADDER			ZC.	ZINC COATED

DRAWING INDEX

Sheet Number Sheet Name

G 001	COVER SHEET
G 002	GENERAL NOTES AND SYMBOLS
G 003	SITE PLAN
REFV101	UTILITY SURVEY
REFV102	TOPOGRAPHIC SURVEY
AD102	FIRST FLOOR PLAN - EXTERIOR RAMP - DEMO
A102	FIRST FLOOR PLAN - EXTERIOR RAMP - NEW
A202	ELEVATIONS
A304	SECTIONS
A501	RAMP DETAILS
A502	RAMP DETAILS
I603	SIGNAGE DETAILS
S402	FIRST FLOOR - NORTH LAFAYETTE RAMP STRUCTURE - NEW WORK ELEVATION
M101C	FIRST FLOOR - EXTERIOR RAMP MECHANICAL PLAN
L104	FIRST FLOOR - EXTERIOR RAMP LIGHTING PLAN

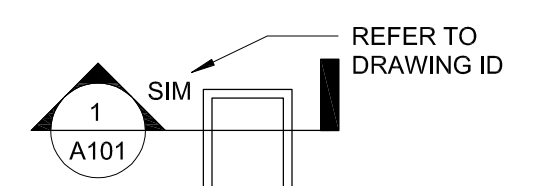
KEY PLAN		
GRAPHIC SCALE		
REVISION BLOCK		
MARK	DATE	DESCRIPTION
CONTRACT		
A/E CONTRACT NO.	47PF0019D0019	
DELIVER ORDER NO.	47PF0021F0822	
CONST. CONTRACT NO.		
DESIGNER IDENTIFICATION		
816 E 4th St. Royal Oak, MI 48067 248.542.7866/www.ghfaa.com		
CONSULTANT IDENTIFICATION		
STAMP OR SEAL		
OWNER IDENTIFICATION		
General Services Administration Public Buildings Service Great Lakes		
Customer Projects Service Center John C. Kluczynski Federal Building 230 South Dearborn St. Room 3500 Chicago, IL 60604		
BUILDING NAME	THEODORE LEVIN U.S. COURTHOUSE	
ADDRESS	231 WEST LAFAYETTE	
CITY, STATE, ZIP	Detroit, Michigan 48226	
BUILDING NO.	M10029ZZ	
PROJECT TITLE	CAPITAL SECURITY PROJECT	
GSA PROJECT NO.	VM100051	
SUBMISSION STAGE		
SUBMISSION DATE	12/09/2022	
DRAWN BY	SP	
CHECKED BY	SWG	
FLOOR NO.		
DISCIPLINE	ARCHITECTURAL	
PLAN TYPE	COVER SHEET	
SHEET NUMBER AND FILENAME	G 001	

APPLICABLE CODES, REGULATIONS AND STANDARDS TO BE USED FOR CONSTRUCTION INCLUDE, BUT ARE NOT LIMITED TO:

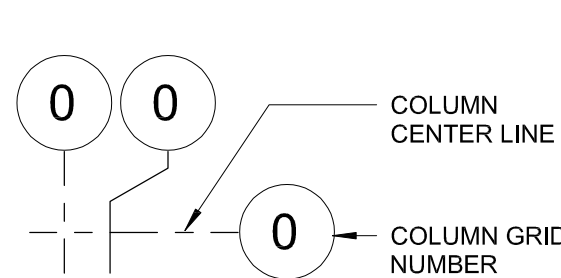
- INTERNATIONAL BUILDING CODE, 2021
INTERNATIONAL MECHANICAL CODE, 2021
INTERNATIONAL PLUMBING CODE, 2021
INTERNATIONAL EXISTING ELECTRICAL CODE, 2021
INTERNATIONAL ENERGY CONSERVATION CODE, 2021
INTERNATIONAL FIRE CODE, 2021
NATIONAL ELECTRICAL CODE, 2020
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CODES, NFPA 101 - 2021, NFPA 13 - 2019, NFPA 72 - 2019, NFPA 70 - 2020
ASHRAE HANDBOOKS AND STANDARDS FOR HVAC, ASHRAE 90.1, 2019 ENERGY STANDARD
SHEET METAL AND AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION STANDARDS, 2019
ASHRAE/ANSI 135 BACnet: A DATA COMMUNICATION PROTOCOL FOR BUILDING AUTOMATION AND CONTROL NETWORKS, 2016
AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE 7 WITH SUPPLEMENT 1), 2016
AMERICAN SOCIETY OF CIVIL ENGINEERS SEISMIC EVALUATION OF EXISTING BUILDINGS (ASCE 31), 2003
AMERICAN SOCIETY OF CIVIL ENGINEERS SEISMIC EVALUATION OF EXISTING BUILDINGS (ASCE 41), 2017
AMERICAN INSTITUTE OF STEEL CONSTRUCTION DESIGN GUIDE 11 GUIDE 11 VIBRATIONS OF STEEL FRAMED STRUCTURAL SYSTEMS DUE TO HUMAN ACTIVITY, SECOND EDITION
NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY, STANDARDS OF SEISMIC SAFETY FOR EXISTING FEDERALLY OWNED AND LEASED BUILDINGS, ICSSC RECOMMENDED PRACTICE 8 (NIST GCD 11-917-12)
ASME A17.1 SAFETY CODE FOR ELEVATORS AND ESCALATORS, 2019
ASME A18.1 SAFETY CODE FOR PLATFORM AND STAIRWAY CHAIR LIFTS, 2020
ARCHITECTURAL WOODWORK STANDARDS (AWS) SECOND EDITION, 2014
PBS-P100, 2018
ABAAS, AMERICANS WITH DISABILITIES ACT AND ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS, 2015
U.S. MARSHALS SERVICES (USMS) PUBLICATION 64, VOLUMES I AND II, 2014 AND VOLUME III, 2017
U.S. COURTS DESIGN GUIDE, 2007 WITH 2016 UPDATES
ISC FACILITY SECURITY COMMITTEES STANDARD FOR RISK MANAGEMENT, 2021
CAPITAL SECURITY HANDBOOK, 2018
THEODORE LEVIN U.S. COURTHOUSE HISTORIC BUILDING PRESERVATION PLAN (HBPP), 1995, WITH ZONING UPDATE
GSA P120 PBS COST ESTIMATING POLICY, 2017, WITH 2021 COST ESTIMATING WORKBOOK
GSA PBS NATIONAL BUSINESS SPACE ASSIGNMENT POLICY, 2017
GSA BIM GUIDE (DATES VARY PER SECTIONS 1 THRU 8)
FIRST IMPRESSIONS PROGRAM GUIDE, 2017
GSA DESIGN EXCELLENCE
CITY OF DETROIT, DEPARTMENT OF PUBLIC WORKS, CITY ENGINEERING DIVISION, STREET AND ALLEY STANDARD PLANS, 2009
CITY OF DETROIT, DEPARTMENT OF PUBLIC WORKS, CITY ENGINEERING DIVISION, STANDARD SPECIFICATIONS FOR PAVING AND RELATED CONSTRUCTION, 2009

SYMBOLS & ANNOTATIONS

SYMBOL-BUILDING SECTION / WALL SECTION



SYMBOL-COLUMN GRID



JOINT COVER SEE SHEET A621 FOR SCHEDULE + DETAILS

FIRE BARRIER SEE SHEET A621 FOR SCHEDULE + DETAILS

LOUVER TAG

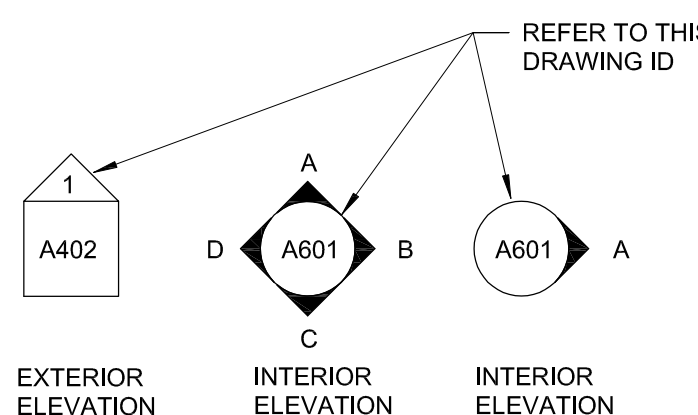
SYMBOL - GRAPHIC SCALE



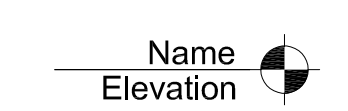
SYMBOL - MACHINE



SYMBOL-EXTERIOR ELEVATION / INTERIOR ELEVATION



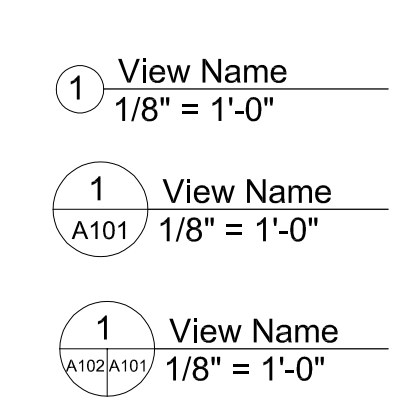
SYMBOL-FINISHED FLOOR ELEVATION



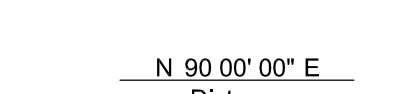
SYMBOL-SPOT ELEVATION



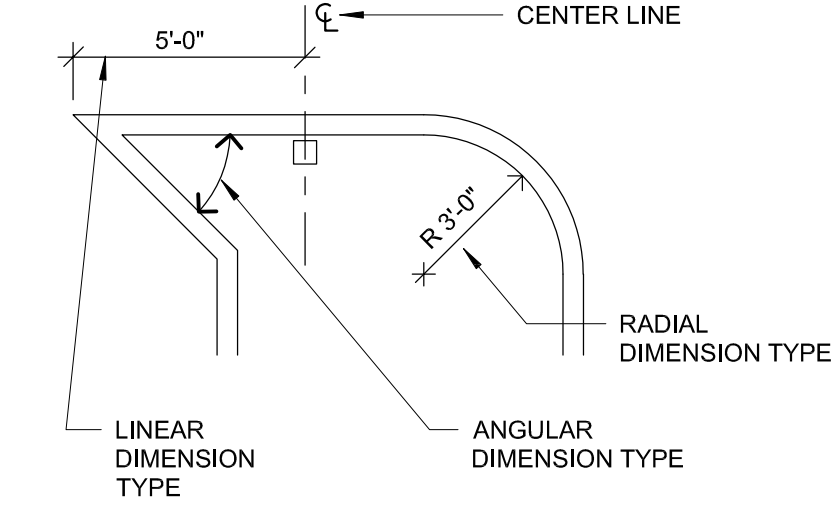
SYMBOL-VIEW LABEL



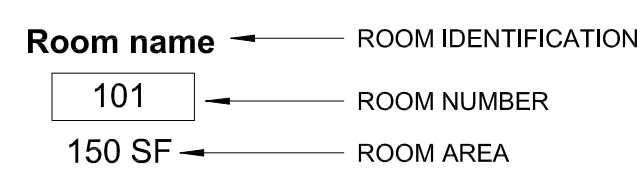
SYMBOL-PROPERTY LINE TAG



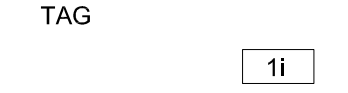
DIMENSION TYPES



SYMBOL-ROOM TAG



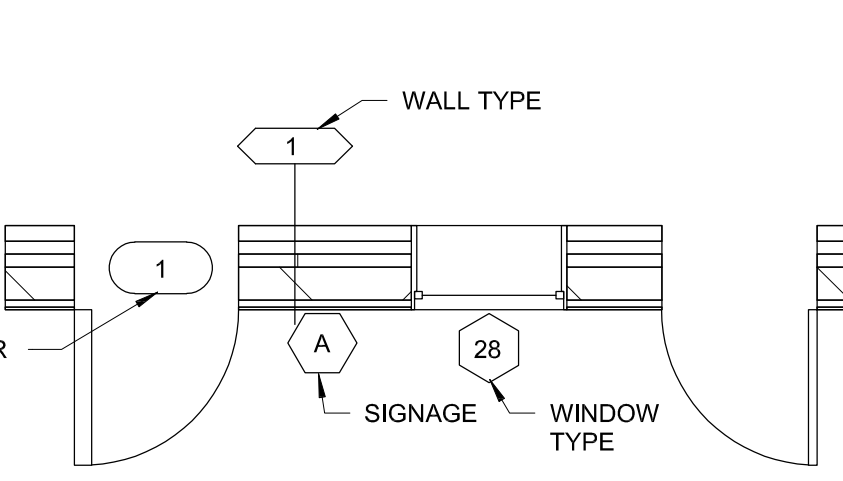
SYMBOL-FIXTURE / FURNITURE / EQUIPMENT TAG



SYMBOL-STAIR TAG



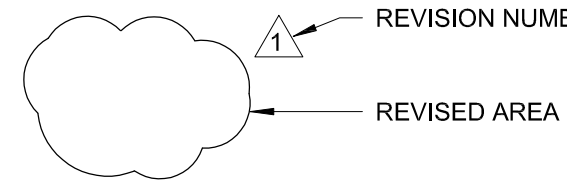
SYMBOL-WALL / DOOR / WINDOW



SYMBOL-CEILING TAG



SYMBOL-REVISIONS



GENERAL CONSTRUCTION NOTES

- CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS. ALL EXISTING CONDITIONS ARE TO BE FIELD VERIFIED BY THE G.C. AND ANY DISCREPANCIES BROUGHT TO THE ARCHITECTS ATTENTION.
PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR TO VERIFY CONDITION OF EXISTING CONSTRUCTION. DOCUMENT ANY EXISTING CONDITION THAT COULD BE MISCONSTRUED AS DAMAGED DURING NEW CONSTRUCTION. NOTIFY THE GOVERNMENT OF EXISTING CONDITIONS IN WRITING PRIOR TO THE COMMENCEMENT OF WORK.
ALL PARTITIONS TO BE CONSTRUCTED OF NON COMBUSTIBLE MATERIALS IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, LATEST EDITION.
WHERE NEW CONSTRUCTION ABUTS EXISTING CONSTRUCTION AND APPEARS TO ALIGN FLUSH WITH EXISTING CONSTRUCTION, THE NEW CONSTRUCTION SHALL ALIGN AND BE FLUSH WITH NO VISIBLE JOINT.
DRAWINGS ARE NOT TO BE SCALED FOR ANY DIMENSIONS.
ALL WORK MUST COMPLY WITH THE DRAWINGS AND SPECIFICATIONS. ANY REVISIONS REQUIRED DUE TO FIELD CONDITIONS MUST BE REVIEWED AND APPROVED BY THE GSA CONTRACTING OFFICER PRIOR TO CONSTRUCTION.
PATCH AND REPAIR EXISTING WALLS, FLOORS AND COLUMNS THROUGHOUT TO ACHIEVE A SMOOTH AND BLEMISH FREE SURFACE SUITABLE FOR RECEIVING SPECIFIED FINISH. MODIFICATIONS AND/OR REPAIRS TO HISTORIC MATERIALS SHALL COMPLY WITH HISTORIC PRESERVATION REQUIREMENTS IN THE SPECIFICATIONS.
ALL ROUGH FRAMING WOOD (E.G. PLYWOOD ETC.) BEING INSTALLED SHALL BE TREATED WITH FIRE-RETARDANT CHEMICALS BY A PRESSURE-IMPREGNATION PROCESS OR OTHER METHODS WHICH TREAT THE MATERIAL THROUGHOUT (AS OPPOSED TO A SURFACE TREATMENT) TO MAKE IT FIRE SAFE.
'EXIT' SIGNAGE AND EMERGENCY LIGHTING SHALL MEET THE REQUIREMENTS OF NFPA, LIFE SAFETY CODE, LATEST EDITION.
ALL CONDUIT AND PIPE PENETRATIONS IN WALLS SHALL BE SEALED. ALL PENETRATIONS IN FIRE RATED WALLS AND IN ALL FLOORS SHALL BE FIRE STOPPED. PROVIDE FLOOR-TO-FLOOR FIRESTOPPING AT ANY VERTICAL PIPING OR CONDUIT PENETRATIONS, WHICH ARE EXPOSED IN THE COURSE OF THIS RENOVATION WORK.
RELOCATE CONDUITS, SPRINKLERS LINES, ETC. TO ACCOMMODATE LIGHT FIXTURES, HVAC ACCESSORIES AND VARIOUS DEVICES. THE CMC CONTRACTOR SHALL FIELD VERIFY THE PROPOSED LOCATIONS FOR NEW EQUIPMENT AND SHALL INCLUDE ALL COSTS ASSOCIATED WITH RELOCATING EXITING EQUIPMENT IN THEIR PROPOSAL(S).
PROVIDE ADDITIONAL WIRING, CONDUIT AND ACCESSORIES FOR DEVICES TO BE RELOCATED.
ALL WALL MOUNTED DEVICES SHALL BE FULLY CONCEALED EXCEPT WHERE MOUNTED ON EXISTING WALLS. U.N.O.
PROVIDE ESCUTCHEONS FOR ALL VISIBLE FLOOR AND WALL PENETRATIONS.
ALL FIRE SPRINKLER SYSTEM MODIFICATION SHALL BE IN ACCORDANCE WITH NFPA STANDARD NO.13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, LATEST EDITION.
ALL SPRINKLER EQUIPMENT (E.G. PIPING, SPRINKLERS, ETC.) OUTSIDE THE AREA BEING RENOVATED SHALL REMAIN ACTIVE AT ALL TIMES (EXCEPT FOR CAPPING THE MAIN PIPE OR PIPES THAT FEED THE AREA TO BE RENOVATED). THE WORK SHALL BE RESTORED TO A FULLY OPERATING CONDITION PRIOR TO THE CONTRACTOR LEAVING THE WORK SITE EACH DAY. ALL SPRINKLER EQUIPMENT IN THE RENOVATED SPACE CAN BE TAKEN OUT OF SERVICE WHILE WORK IS BEING ACCOMPLISHED EACH DAY, BUT SHALL BE RESTORED TO FULLY OPERATION BEFORE THE CONTRACTOR VACATES THE WORK SITE EACH DAY.
ALL FIRE ALARM SYSTEM MODIFICATIONS SHALL BE IN ACCORDANCE WITH NFPA STANDARD NO.72, NATIONAL FIRE ALARM CODE, LATEST EDITION. EXISTING FIRE ALARM EQUIPMENT IN RENOVATED SPACE AND ADJACENT SPACES SHALL REMAIN FULLY OPERATIONAL THROUGHOUT CONSTRUCTION.
ALL NOISY AND/OR DISRUPTIVE WORK IS TO BE PERFORMED AFTER HOURS.
THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH SECURITY AND ALL GSA SUBCONTRACTORS.
THE TERM "CONTRACT LIMITS" IS INTENDED ONLY TO PROVIDE A GENERAL AREA OF WHERE THE WORK IS TO OCCUR. WORK, AS DESCRIBED IN THE DOCUMENTS, WILL NEED TO OCCUR OUTSIDE OF THE CONTRACT LIMITS FOR A COMPLETE PROJECT.
ALL ELEVATOR HALL FIXTURES ARE TO BE FLUSH MOUNT. NO EXTERNAL BOXES ARE TO BE USED.
CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL PERMITS REQUIRED FOR NEW WORK OUTSIDE OF THE BUILDING. COORDINATE WITH THE CITY OF DETROIT AS REQUIRED.
THE LEVIN U.S. COURTHOUSE IS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES. SECTION 106 OF THE NATIONAL PRESERVATION ACT APPLIES AND THE SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES MUST BE COMPLIED WITH. SEE ALSO SECTION 01 35 10 HISTORIC BUILDING TREATMENT PROCEDURES OF THE SPECIFICATIONS.

GENERAL DEMOLITION NOTES

- CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS.
PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR TO VERIFY CONDITION OF EXISTING CONSTRUCTION. DOCUMENT ANY EXISTING CONDITION THAT COULD BE MISCONSTRUED AS DAMAGED DURING NEW CONSTRUCTION. NOTIFY THE GOVERNMENT OF EXISTING CONDITIONS IN WRITING PRIOR TO THE COMMENCEMENT OF WORK.
CONFIRM USAGE OF EXISTING POWER WIRING PRIOR TO REMOVAL TO VERIFY THAT THE WIRING DOES NOT POWER OTHER DEVICES OUTSIDE OF THE CONTRACT LIMITS.
PATCH & REPAIR FLOOR SLAB AND WALLS AS REQUIRED TO PROVIDE A SMOOTH, EVEN FINISH SUITABLE FOR THE APPLICATION OF SPECIFIED FINISHES. WHERE ELECTRICAL DEVICES ARE TO BE REMOVED FROM COLUMNS OR WALLS, REMOVE WIRING TO SOURCE. PATCH WALL WHERE DEVICES ARE REMOVED. MODIFICATIONS AND/OR REPAIRS TO HISTORIC MATERIALS SHALL COMPLY WITH HISTORIC PRESERVATION REQUIREMENTS IN THE SPECIFICATIONS.
ITEMS TO BE RELOCATED SHALL BE REMOVED, STORED, CLEANED AND REINSTALLED BY THE CONTRACTOR. COORDINATE WITH SPECIFICATIONS.
GOVERNMENT SHALL OCCUPY THE BUILDING OUTSIDE OF THE CONTRACT LIMITS DURING CONSTRUCTION. COORDINATE DEMOLITION EFFORTS WITH THE GOVERNMENT TO MINIMIZE DISTURBANCES.
ITEMS NOTED AS BEING REMOVED SHALL BE DISPOSED OF BY THE CONTRACTOR U.N.O.
COORDINATE DEMOLITION WITH MECHANICAL AND ELECTRICAL DRAWINGS.
LIGHT FIXTURES TO BE REMOVED SHALL INCLUDE ASSOCIATED WIRING, CONDUITS AND BOXES. COORDINATE WITH ADJACENT OFFICE SPACES SUCH THAT THEIR LIGHT FIXTURES REMAIN OPERATIONAL.
THE TERM "CONTRACT LIMITS" IS INTENDED ONLY TO PROVIDE A GENERAL AREA OF WHERE THE WORK IS TO OCCUR. WORK AS DESCRIBED IN THE DOCUMENTS, WILL NEED TO OCCUR OUTSIDE OF THE CONTRACT LIMITS FOR A COMPLETE PROJECT.
PATCH AND REPAIR WHERE EXISTING ITEMS (I.E. PLUMBING/MECHANICAL FIXTURES, RECEPTACLES) ARE TO BE REMOVED FROM WALLS OR FLOORS. MODIFICATIONS AND/OR REPAIRS TO HISTORIC MATERIALS SHALL COMPLY WITH HISTORIC PRESERVATION REQUIREMENTS IN THE SPECIFICATIONS. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.
MODIFY THE EXISTING WET PIPE SPRINKLER AND FIRE ALARM SYSTEMS, MAINTAIN THESE SYSTEMS AS FULLY OPERATIONAL FOR THE ADJACENT OCCUPIED SPACES.
MAINTAIN ALL PATHS OF EGRESS FROM CONSTRUCTION SPACE AND FROM ADJACENT OCCUPIED SPACES CLEAR OF DEBRIS, MATERIALS AND EQUIPMENT.
SEE TITLE SHEET FOR ABBREVIATIONS.
WHERE CEILINGS ARE REMOVED, THE EXISTING SPRINKLERS MUST BE REPLACED AS UPRIGHT SPRINKLERS AND THEIR ASSOCIATED ARMORER/SPRIG-UPS, ETC. MUST BE MODIFIED TO PROVIDE THE NEW TEMPORARY UPRIGHT SPRINKLERS AND THEIR ASSOCIATED DEFLECTOR TO BE PROVIDED WITHIN 12" OF STRUCTURE OR CEILING ABOVE. ONCE THE NEW SUSPENDED CEILING HAS BEEN PROVIDED THE SPRINKLER CONTRACTOR CAN REMOVE THE EXISTING TEMPORARY UPRIGHT SPRINKLERS.
HAZARDOUS MATERIALS ARE PRESENT THROUGHOUT THE PROJECT AREA. THE CONTRACTOR SHALL FOLLOW LEAD PAINT REMEDIATION INSTRUCTION PER SPECIFICATION 02 83 00 AND ABATE ASBESTOS PER SPECIFICATION 02 82 00.
CONTRACTOR TO PROVIDE TEMPORARY BARRIERS AS REQUIRED FOR WORK. REFER TO SPECIFICATIONS FOR BASIS OF DESIGN PRODUCT.
THE CONSTRUCTION DOCUMENTS INCLUDE TERMS SUCH AS "REFER TO", "COORDINATE WITH", "SEE DRAWING/SPEC...", ETC. AS A MEANS TO DRAW ATTENTION TO SPECIFIC ITEMS WHICH NEED TO BE CROSS REFERENCED BETWEEN THE VARIOUS DOCUMENTS. THIS IS DONE GENERALLY AS A CONVENIENCE TO THE CONTRACTOR TO HELP FACILITATE THEIR REVIEW OF THE REQUIREMENTS. THE DESIGNER OF RECORD AND/OR OWNER DO NOT INTEND TO USE THESE TERMS IN EVERY OCCASION WHERE SUCH COORDINATION IS REQUIRED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROPERLY COORDINATE ALL OF THE REQUIREMENTS LISTED IN THE CONTRACT DOCUMENTS WHETHER OR NOT THE TERMS "REFER TO", "COORDINATE WITH", "SEE DRAWING/SPEC..." ARE LISTED.
THE LEVIN U.S. COURTHOUSE IS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES. SECTION 106 OF THE NATIONAL PRESERVATION ACT APPLIES AND THE SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES MUST BE COMPLIED WITH. SEE ALSO SECTION 01 35 10 HISTORIC BUILDING TREATMENT PROCEDURES OF THE SPECIFICATIONS.

Table with columns MARK, DATE, DESCRIPTION. Includes contract information: A/E CONTRACT NO. 47PF0019D0019, DELIVER ORDER NO. 47PF0021F0822, CONST. CONTRACT NO.

Table with columns MARK, DATE, DESCRIPTION. Includes contract information: A/E CONTRACT NO. 47PF0019D0019, DELIVER ORDER NO. 47PF0021F0822, CONST. CONTRACT NO.

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FORBES ASSOCIATES ARCHITECTS logo and contact information: 816 E 4th St., Royal Oak, MI 48067, 248.542.7866/www.gghfaa.com

Professional seal for Scott W. Goosell, Architect, State of Michigan, License No. 1301047664.

GSA logo and address: General Services Administration, Public Buildings Service, Great Lakes, 231 WEST LAFAYETTE, Chicago, IL 60604

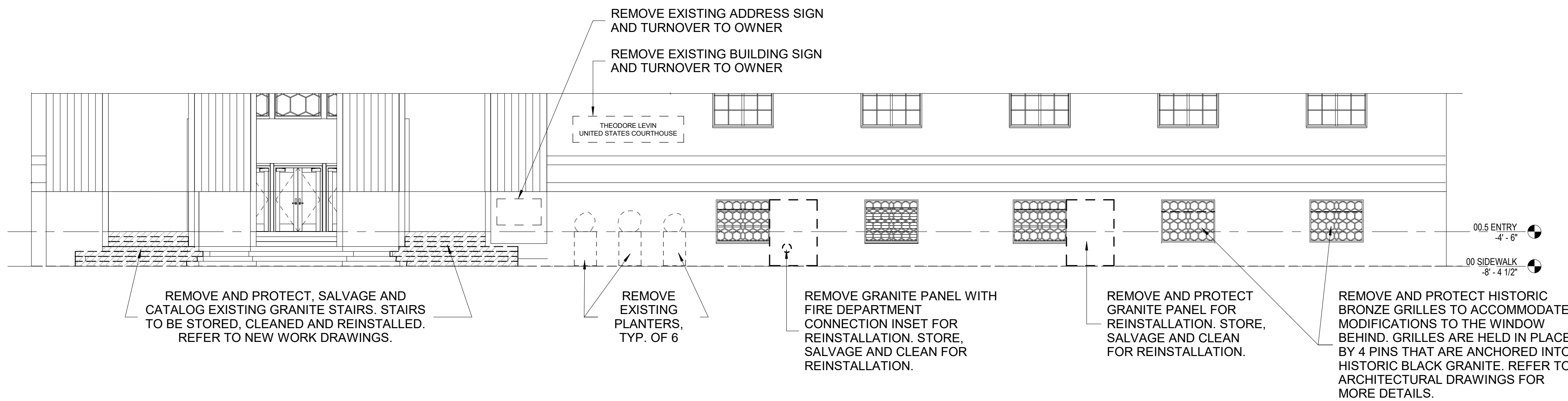
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Table with columns DRAWN BY, CHECKED BY, FLOOR NO., DISCIPLINE, PLAN TYPE, SHEET NUMBER AND FILENAME.

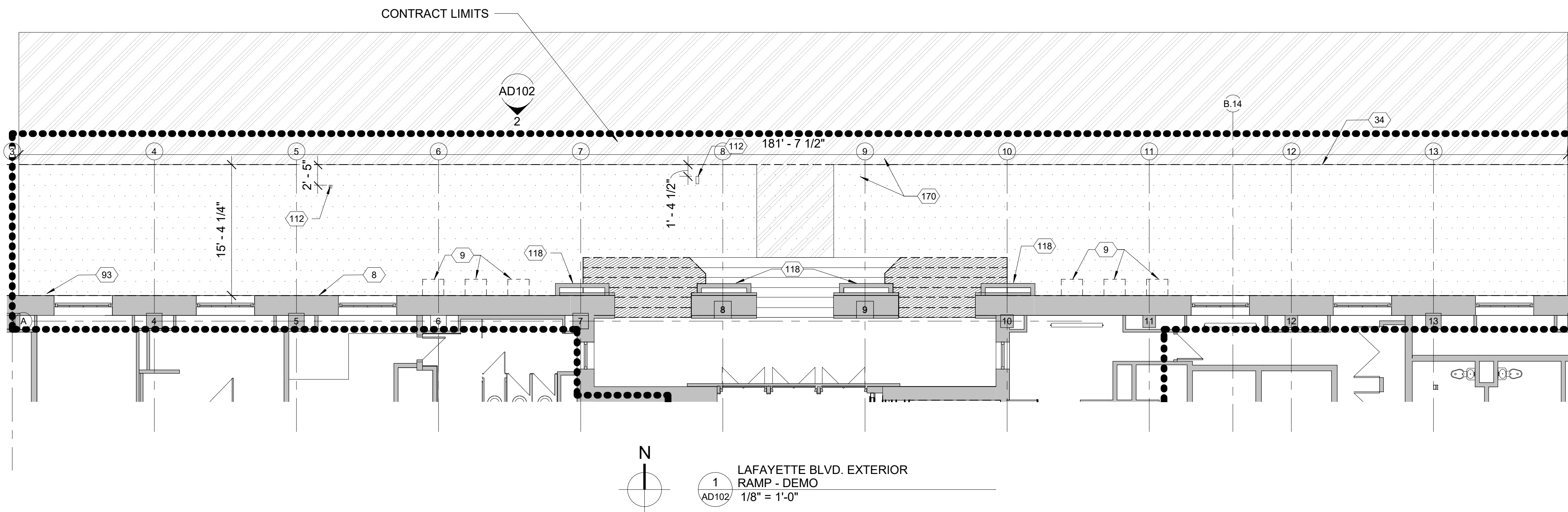
KEYED NOTES	
NUMBER	DESCRIPTION
8	REMOVE AND PROTECT (1) GRANITE PANEL WITH FIRE DEPARTMENT CONNECTION INSET. STORE, SALVAGE AND CLEAN PANEL FOR REINSTALLATION. REMOVE AND RELOCATE FIRE DEPARTMENT CONNECTION AS REQUIRED FOR NEW WORK. REFER TO FIRE SUPPRESSION DRAWINGS.
9	REMOVE EXISTING PLANTERS AS REQUIRED FOR NEW WORK, TYP. OF 6. COORDINATE WITH OWNER.
34	REMOVE AND RESET EXISTING GRANITE CURB ON EXISTING CONCRETE CURB FOUNDATION.
93	REMOVE AND PROTECT (1) GRANITE PANEL AS REQUIRED FOR RELOCATION OF FIRE DEPARTMENT CONNECTION. STORE, SALVAGE AND CLEAN PANEL FOR REINSTALLATION. REFER TO ELEVATIONS AND NEW WORK PLANS.
112	EXISTING SIGN AND POST TO REMAIN.
118	PROTECT EXISTING EXTERIOR GRANITE/STONE COLUMNS TO REMAIN. PROVIDE HARD PROTECTION AS REQUIRED DURING CONSTRUCTION.
170	REMOVE EXISTING SIDEWALK TO BUILDING CORNERS. A TEMPORARY SIDEWALK TO BE PROVIDED DURING CONSTRUCTION.

GENERAL NOTES

- CONTRACTOR SHALL COMPLY WITH THE GOVERNMENTS RULES AND REGULATIONS.
- CONTRACTOR SHALL PROTECT ALL EXISTING CONSTRUCTION AND FINISHES TO REMAIN THROUGHOUT THE PREMISES AND IN ADJACENT AREAS. REFER TO SECTION 01 35 10 HISTORIC TREATMENT PROCEDURES.
- EXISTING FINISHES ON COLUMNS AND CORE WALLS ARE TO REMAIN U.N.O.
- DO NOT SCALE DRAWINGS OR MODEL TO OBTAIN REQUIRED DIMENSIONAL INFORMATION. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS. ALL EXISTING CONDITIONS ARE TO BE FIELD VERIFIED BY THE G.C. AND ANY DISCREPANCIES BROUGHT TO THE ARCHITECT'S ATTENTION.
- THE CONTRACTOR SHALL MAINTAIN EGRESS PATHS FROM THE CONSTRUCTION SITE AT ALL TIMES. PROVIDE TEMPORARY DOORS AND PARTITIONS AS REQUIRED WHERE DOORS TO GENERAL CORRIDORS ARE NOTED TO BE REPLACED.
- CONTRACTOR TO PROVIDE SIGNAGE, DUST PROTECTION, AND FLOOR PROTECTION AS REQUIRED FROM THE PROJECT AREA THROUGH PUBLIC CORRIDORS AND ELEVATOR LOBBIES TO PROTECT EXISTING FINISHES TO REMAIN. REFER TO SECTION 01 35 10 HISTORIC TREATMENT PROCEDURES.
- A HAZARDOUS MATERIALS ASSESSMENT OF THE EXISTING BUILDING IN RELATIONSHIP TO THE CONTRACT LIMITS HAS BEEN COMPLETED. REFER TO THE PRE-ALTERATION AND ASSESSMENT REPORT WITHIN THE CONTRACT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- MAINTAIN ALL LIFE-SAFETY RELATED SYSTEMS IN FULLY OPERATIONAL STATE THROUGHOUT ALL DEMOLITION AND CONSTRUCTION WORK, INCLUDING BUT NOT LIMITED TO FIRE ALARM SYSTEM INCLUDING PANELS, SIGNAL/NOTIFICATION DEVICES, FIRE SUPPRESSION SYSTEM, AND EMERGENCY LIGHTING.
- WORK OUTSIDE THE CONTRACT LIMITS MAY BE REQUIRED FOR TIE-INS AND CONNECTIONS. CONTRACTOR TO WORK OUTSIDE OF THE CONTRACT LIMITS AS REQUIRED TO COMPLETE THE ENTIRE SCOPE OF WORK FOR THE PROJECT.
- COORDINATE WORK WITH ALL OTHER TRADES.
- CMC SHALL COORDINATE WITH GSA PROPERTY MANAGEMENT REGARDING STORAGE LOCATIONS FOR ITEMS TO BE REMOVED, SALVAGED AND/OR STORED. CMC SHALL BE RESPONSIBLE FOR THE PHYSICAL MOVE OF ITEMS TO THEIR FINAL LOCATION AND SHALL SUBMIT AN INVENTORY LIST OF ITEMS TO BE RETAINED.
- DEMOLITION SHALL BE EXECUTED IN ACCORDANCE WITH THE HISTORIC TREATMENT PLAN THAT IS SUBMITTED AND APPROVED BY THE CMC AND THEIR QUALIFIED CONSULTANTS.



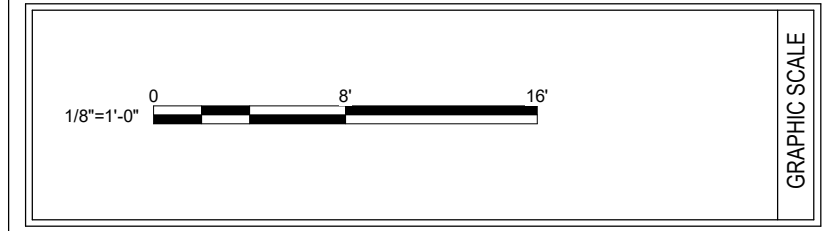
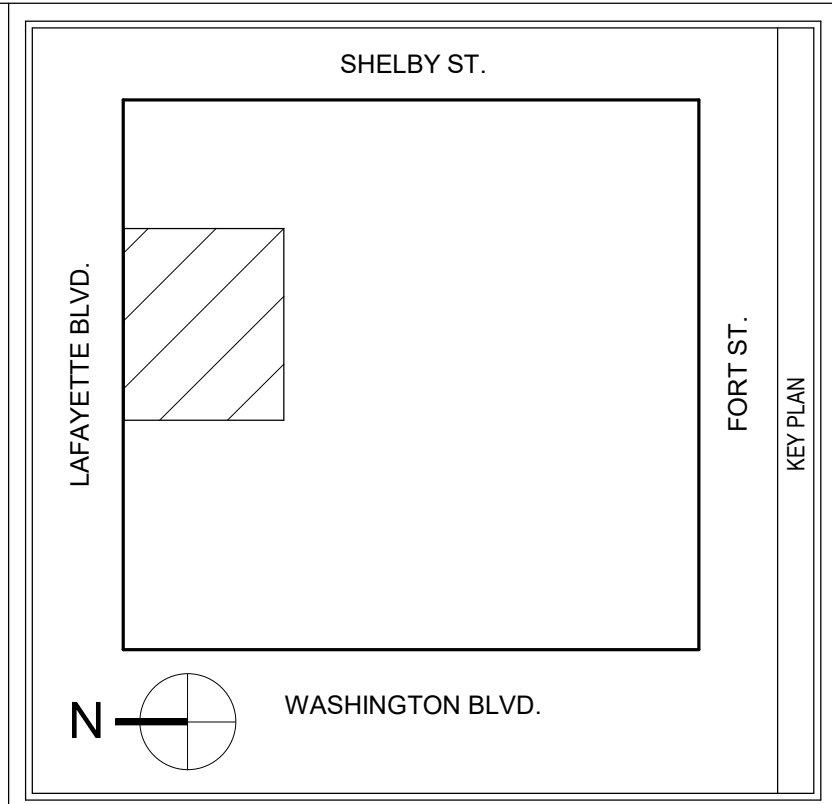
2 LAFAYETTE SOUTH ELEVATION
- DEMO
AD102 1/8" = 1'-0"



1 LAFAYETTE BLVD. EXTERIOR RAMP - DEMO
AD102 1/8" = 1'-0"

LEGEND

- EXISTING PARTITION TO REMAIN
- EXISTING PARTITION TO BE REMOVED (REFER TO KEYED NOTES AND LEGEND)
- DOOR AND FRAME TO REMAIN
- DOOR AND FRAME TO BE REMOVED
- REMOVE EXISTING CONCRETE TOPPING OR TOPPING AND SLAB AS REQUIRED FOR NEW WORK. REFER TO STRUCTURAL.
- CMU PARTITION TO BE REMOVED
- REMOVE EXISTING WOOD TOPPING AS REQUIRED FOR NEW WORK.
- REMOVE EXISTING ELEVATOR CAB AND COMPONENTS. REFER TO Q-SHEETS.
- REMOVE CONCRETE SIDEWALK AS REQUIRED FOR NEW WORK. COORDINATE WORK WITH CITY OF DETROIT AND PROJECT PHASING.
- REMOVE EXISTING GRANITE STAIRS AND LANDING AS REQUIRED FOR NEW WORK.
- TEMPORARY SIDEWALK PATH IN STREET AS REQUIRED FOR NEW WORK.



MARK	DATE	DESCRIPTION

A/E CONTRACT NO.	47PF0019D0019
DELIVER ORDER NO.	47PF0021F0822
CONST. CONTRACT NO.	

FORBES
ASSOCIATES ARCHITECTS

816 E 4th ST.
Royal Oak, MI 48067
248.542.7866/www.ghfaa.com

STATE OF MICHIGAN
SCOTT W. GOODSSELL
ARCHITECT
No. 1301047864
LICENSED ARCHITECT

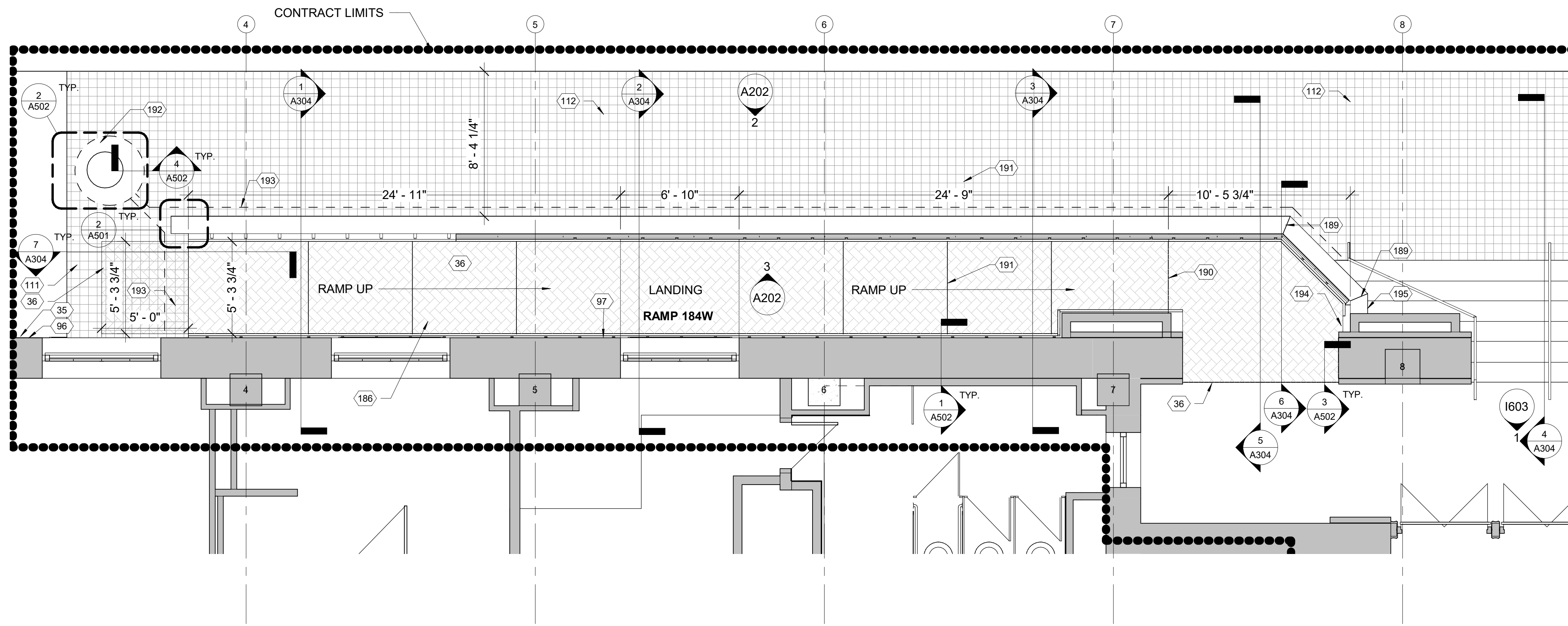
General Services Administration
Public Buildings Service
Great Lakes

Customer Projects Service Center
John C. Kluczynski Federal Building
230 South Dearborn St.
Room 3500
Chicago, IL 60604

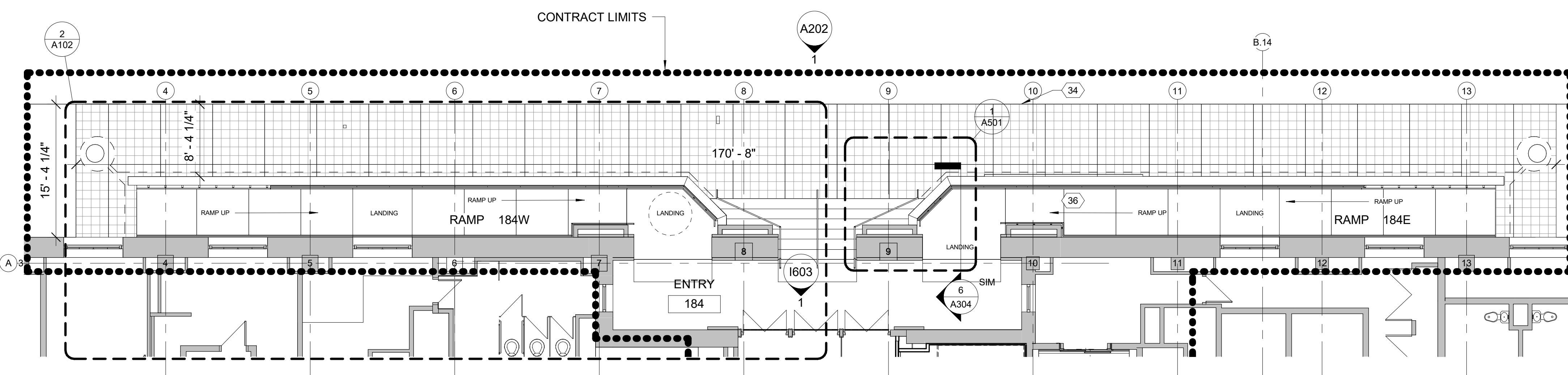
BUILDING NAME	THEODORE LEVIN U.S. COURTHOUSE
ADDRESS	231 WEST LAFAYETTE
CITY, STATE, ZIP	Detroit, Michigan 48226
BUILDING NO.	MI0029ZZ

PROJECT TITLE	CAPITAL SECURITY PROJECT
GSA PROJECT NO.	VM100051
SUBMISSION STAGE	
SUBMISSION DATE	12/09/2022

DRAWN BY	SP
CHECKED BY	SWG
FLOOR NO.	EXTERIOR
DISCIPLINE	ARCHITECTURAL
PLAN TYPE	DEMO FLOOR PLAN
SHEET NUMBER AND FILENAME	AD102



N
LAFAYETTE BLVD. EXTERIOR
RAMP ENLARGED FLOOR PLAN
- NEW
2
A102
1/4" = 1'-0"



N
LAFAYETTE BLVD. EXTERIOR
RAMP - NEW
1
A102
1/8" = 1'-0"

GENERAL NOTES

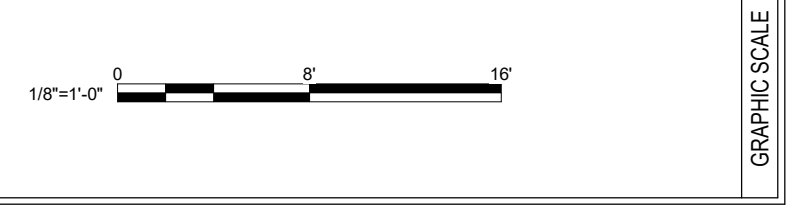
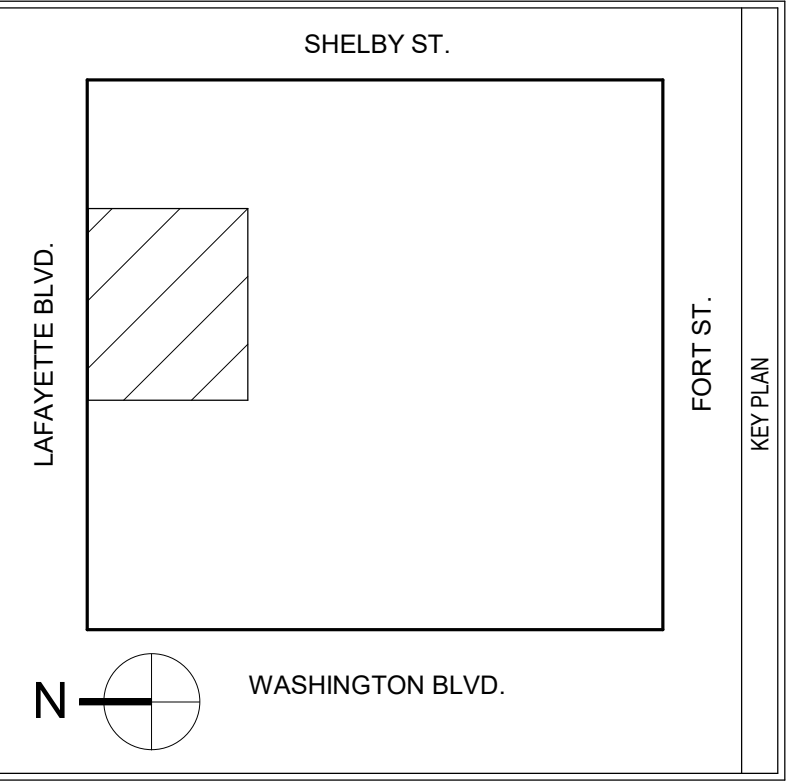
1. CONTRACTOR SHALL COMPLY WITH THE GOVERNMENTS RULES AND REGULATIONS.
2. DIMENSIONS ARE MEASURED TO THE FACE OF PARTITION U.N.O.
3. ALL SWINGING DOORS WITHOUT KEY NUMBERS ARE EXISTING TO REMAIN. U.N.O.
4. WHERE EVER THE TERMINOLOGY (ABAAS) OCCURS, REFERENCE IS MADE TO THE ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS.
5. COORDINATE WORK WITH ALL OTHER TRADES.
6. WORK OUTSIDE THE CONTRACT LIMITS MAY BE REQUIRED FOR TIE-INS AND CONNECTIONS. CONTRACTOR TO WORK OUTSIDE OF THE CONTRACT LIMITS AS REQUIRED TO COMPLETE THE ENTIRE SCOPE OF WORK FOR THE PROJECT.
7. PATCH ANY OPENINGS, CORES, FASTENER HOLES, ETC. RESULTING FROM DEMOLITION.
8. CONTRACTOR SHALL LAYOUT WALL LOCATIONS AND REVIEW WITH ARCHITECT PRIOR TO CONSTRUCTING ANY PARTITIONS.
9. ALL DOORS REQUIRED CLEARANCE OF 18" PULL SIDE AND 12" PUSH SIDE U.N.O.
10. PROVIDE IN-WALL BLOCKING FOR WALL STOPS. REFER TO DOOR SCHEDULE.
11. CONTRACTOR TO REVIEW AND COORDINATE WALLS TO DECK WITH DEVICES SUPPORTED FROM STRUCTURAL DECK ABOVE INCLUDING BUT NOT LIMITED TO FIRE ALARM CONDUIT, JUNCTION BOXES, MECHANICAL DUCTWORK, ETC. CONTRACTOR TO JOG WALLS ABOVE CEILING AS REQUIRED TO AVOID CONFLICTS.

LEGEND

- EXISTING PARTITION TO REMAIN
- NEW PARTITION
- EXISTING DOOR AND FRAME TO REMAIN
- NEW DOOR AND FRAME
- NEW CONCRETE FLOORING
- NEW CONCRETE TOPPING AND/OR SLAB - REFER TO STRUCTURAL
- NEW CONCRETE SIDEWALK
- NEW CONCRETE EMBEDDED SNOW MELT SYSTEM

KEYED NOTES

NUMBER	DESCRIPTION
34	REMOVE AND RESET EXISTING GRANITE CURB ON EXISTING CONCRETE CURB FOUNDATION.
35	RELOCATED FIRE DEPARTMENT CONNECTION AS REQUIRED FOR NEW WORK. REFER TO FIRE SUPPRESSION DRAWINGS.
36	PROVIDE NEW CONCRETE EMBEDDED SNOWMELT SYSTEM. REFER TO MEP DRAWINGS.
96	INSTALL SALVAGED GRANITE PANEL WITH INSET FIRE DEPARTMENT CONNECTION.
97	INSTALL SALVAGED GRANITE PANEL.
111	NEW SIDEWALK AS REQUIRED. CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH CITY OF DETROIT AS REQUIRED FOR WORK. PROVIDE PERMITS AS REQUIRED. REFER TO APPENDIX B FOR THE GEOTECHNICAL REPORT.
112	EXISTING SIGN AND POST TO REMAIN.
186	NEW CONCRETE EMBEDDED SNOW MELT SYSTEM EQUAL TO EMERSON WITH MCS1 CONTROLLER AND TS1 TEMPERATURE. SEPARATE SYSTEMS FOR EAST AND WEST RAMPS. 50W PER SF. EXTEND INTO FIRST FLAG OF SIDEWALK - MINIMUM 5 FEET FROM END OF RAMP. INSULATE UNDERSIDE OF TOPPING SLAB.
189	MITER JOINT IN TOP OF SLOPED GRANITE PANEL.
190	EXPANSION JOINT AT EACH LEVEL TRANSITION - TYP.
191	SAWCUT CONTROL JOINTS NOT LESS THAN EVERY 5 FEET BUT NOT MORE THAN EVERY 7 FEET - TYP PER CITY OF DETROIT STANDARDS. DO NOT CUT JOINTS DEEPER THAN SNOW MELT MATS.
192	48" DIA X 60"D PRECAST CONCRETE DRY WELL AND FLAT CAP W/O TOP OPENING BENEATH CONCRETE SLAB.
193	4" DIA DRAIN TILE AT RAMP FOOTING - CONNECT TO DRY WELL.
194	PAVEMENT-MOUNTED MOISTURE SENSOR. TYP FOR EACH RAMP
195	AERIAL MOISTURE SENSOR MOUNTED TO NEW RAMP WALL. TYP FOR EACH RAMP



MARK	DATE	DESCRIPTION

A/E CONTRACT NO.	47PF0019D0019
DELIVER ORDER NO.	47PF0021F0822
CONST. CONTRACT NO.	

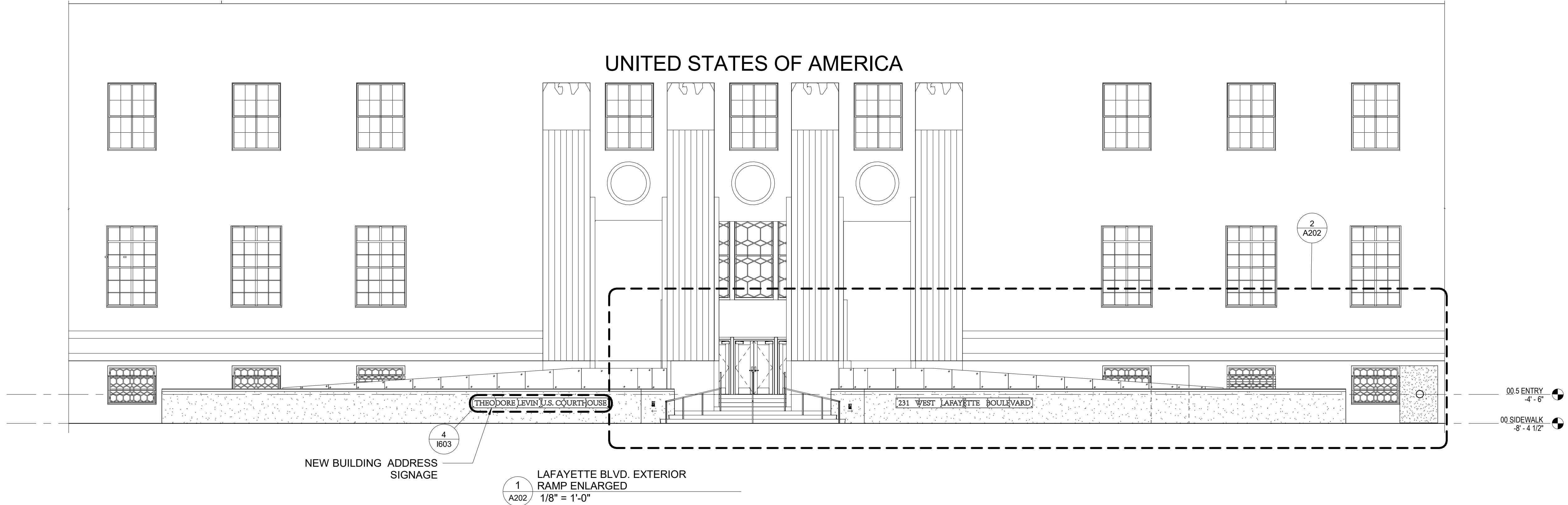
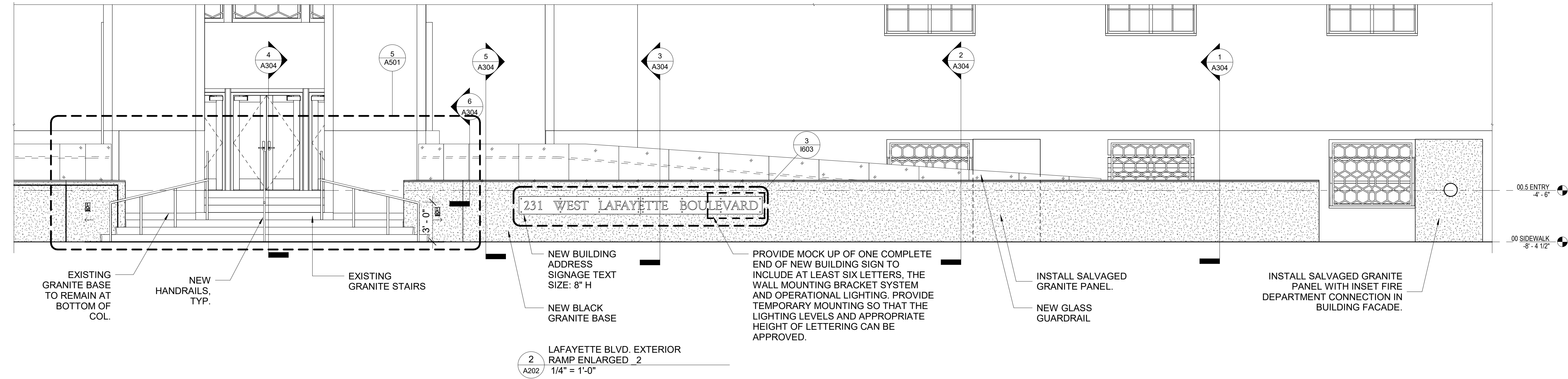
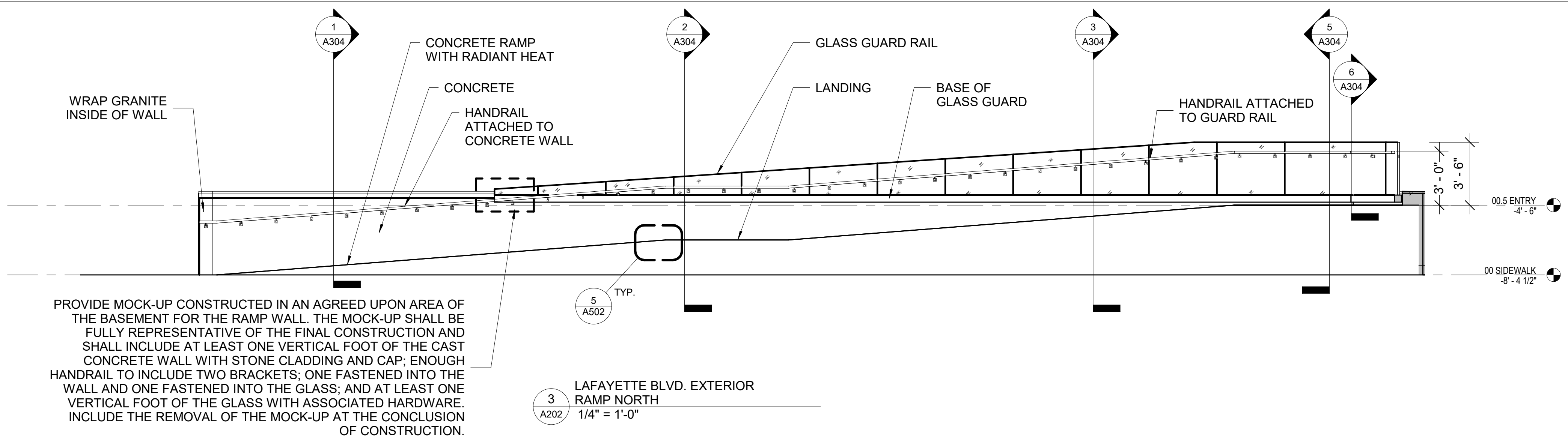
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STATE OF MICHIGAN
SCOTT W. GOODSSELL
ARCHITECT
No. 1301047664
LICENSED ARCHITECT

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230 South Dearborn St.
Room 3500
Chicago, IL 60604

BUILDING NAME	THEODORE LEVIN U.S. COURTHOUSE
ADDRESS	231 WEST LAFAYETTE
CITY, STATE, ZIP	Detroit, Michigan 48226
BUILDING NO.	MI0029ZZ
PROJECT TITLE	CAPITAL SECURITY PROJECT
GSA PROJECT NO.	VM100051
SUBMISSION STAGE	
SUBMISSION DATE	12/09/2022

DRAWN BY	SP
CHECKED BY	SWG
FLOOR NO.	EXTERIOR
DISCIPLINE	ARCHITECTURAL
PLAN TYPE	NEW FLOOR PLAN
SHEET NUMBER AND FILENAME	A102



KEY PLAN

GRAPHIC SCALE

1/8" = 1'-0"

REVISION BLOCK

MARK	DATE	DESCRIPTION

CONTRACT

A/E CONTRACT NO.	47PF0019D0019
DELIVER ORDER NO.	47PF0021F0822
CONST. CONTRACT NO.	

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DESIGNER IDENTIFICATION

CONSULTANT IDENTIFICATION

STAMP OR SEAL

OWNER IDENTIFICATION

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Public Buildings Service
Great Lakes

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230 South Dearborn St.
Room 3500
Chicago, IL 60604

BUILDING

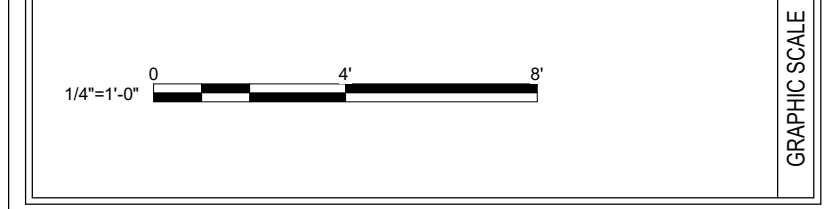
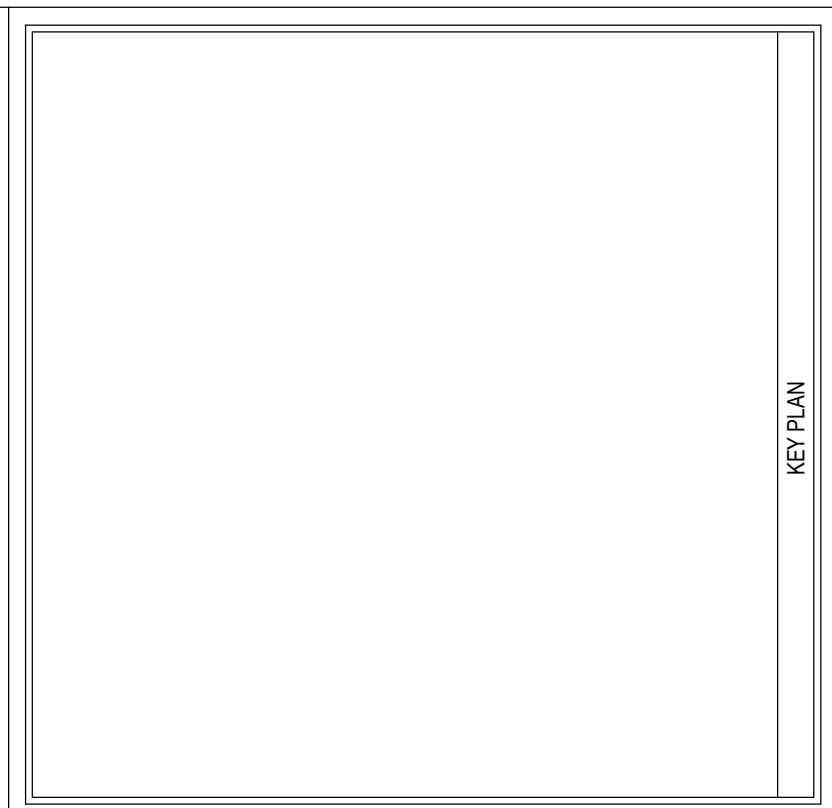
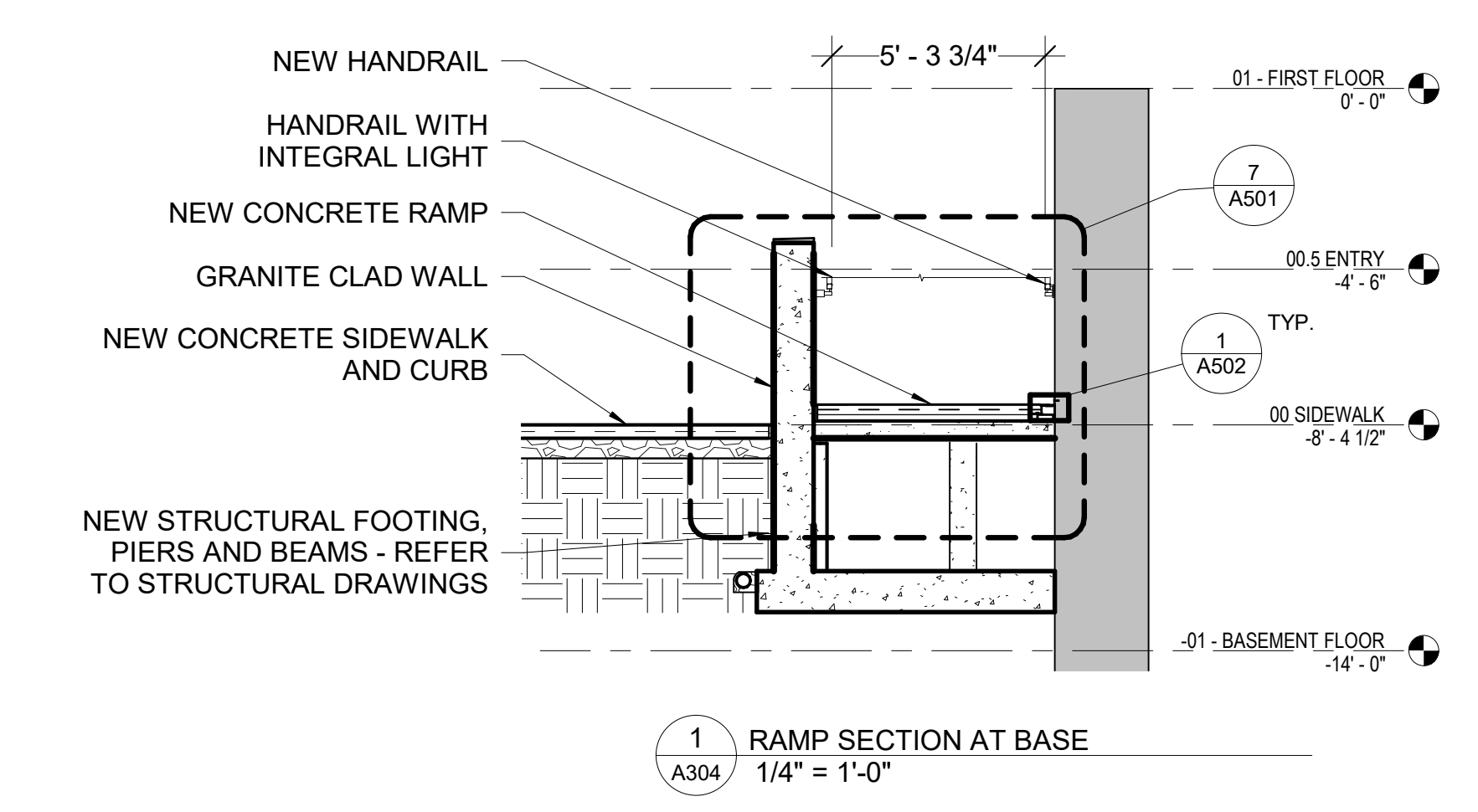
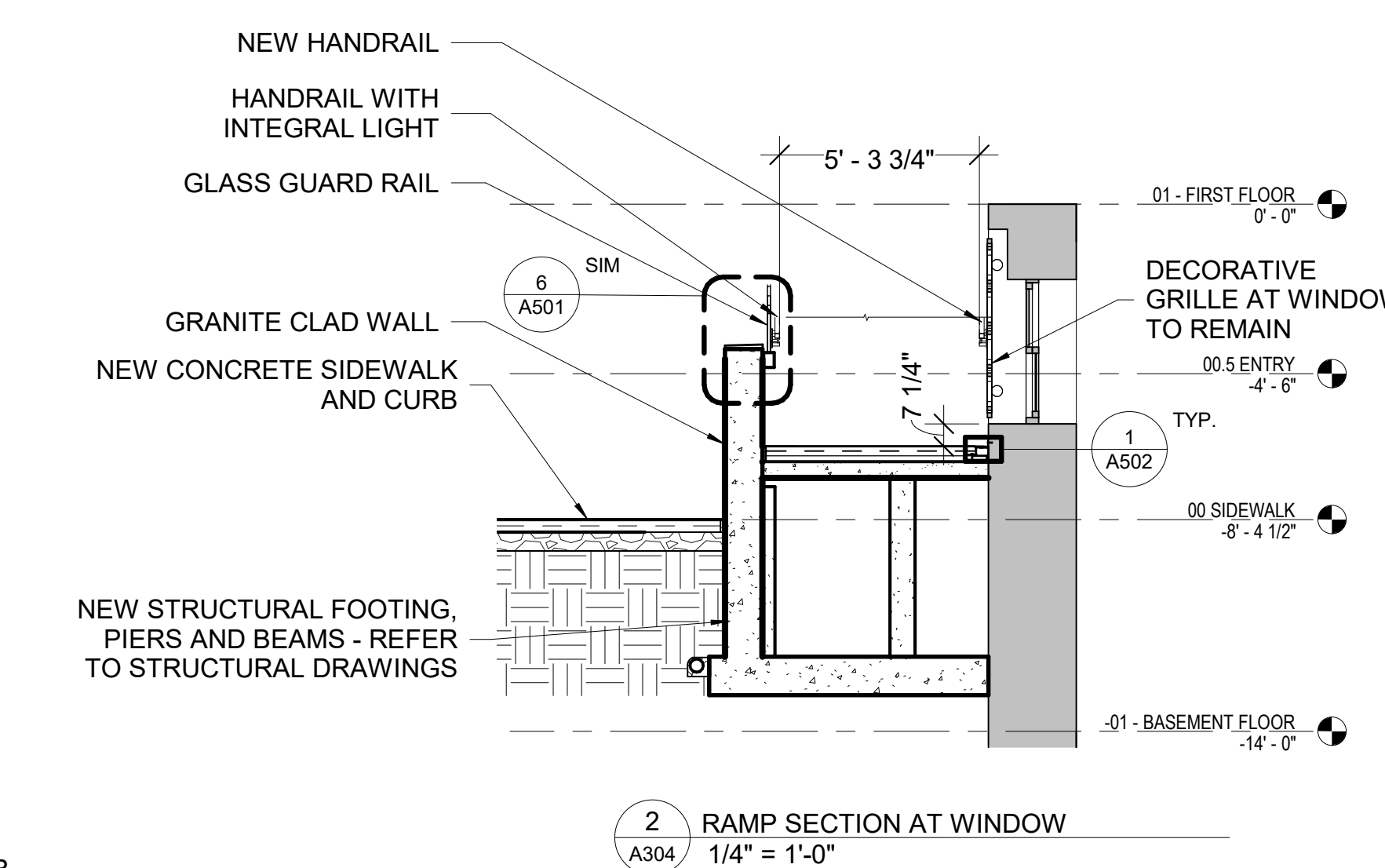
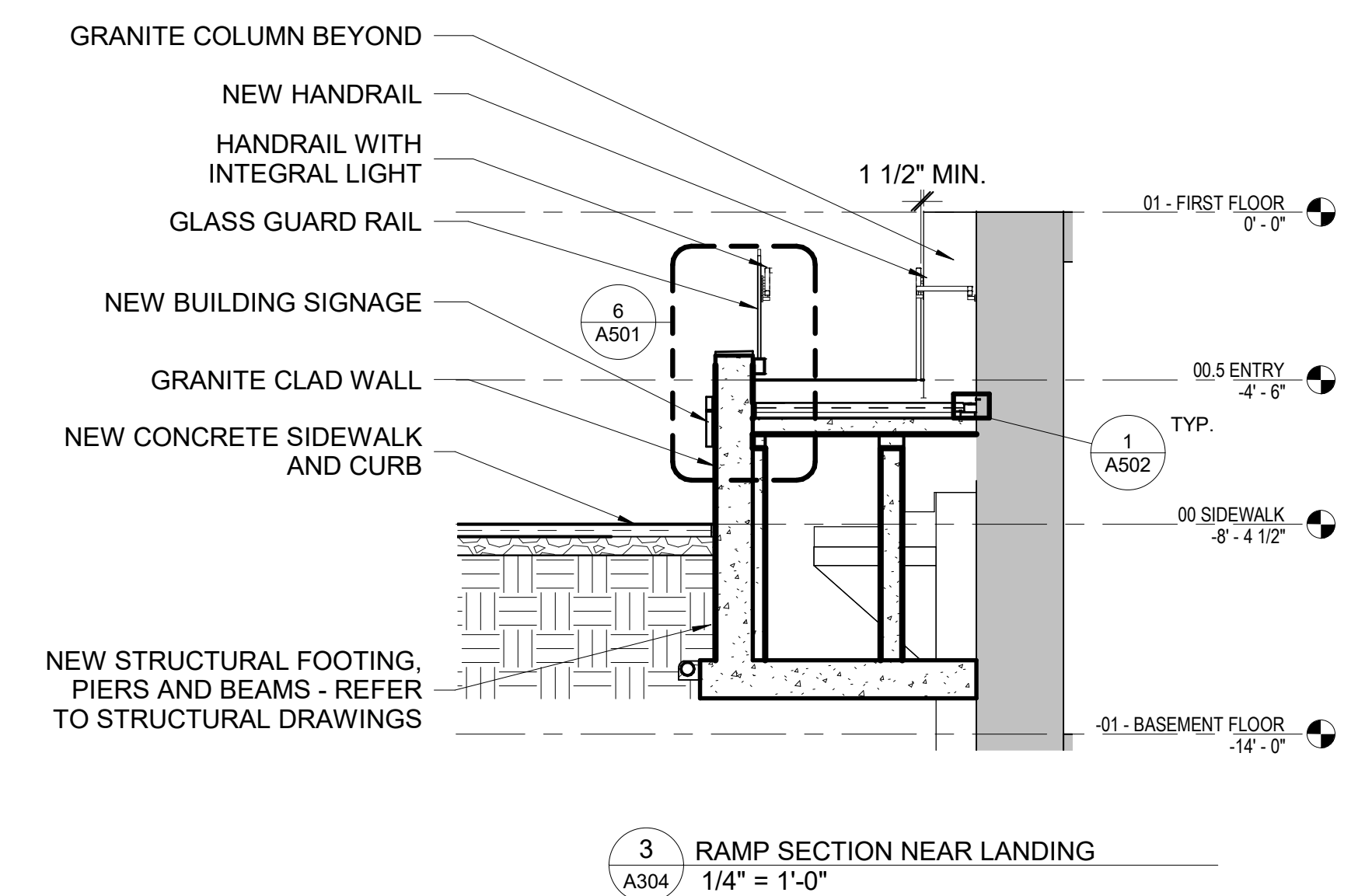
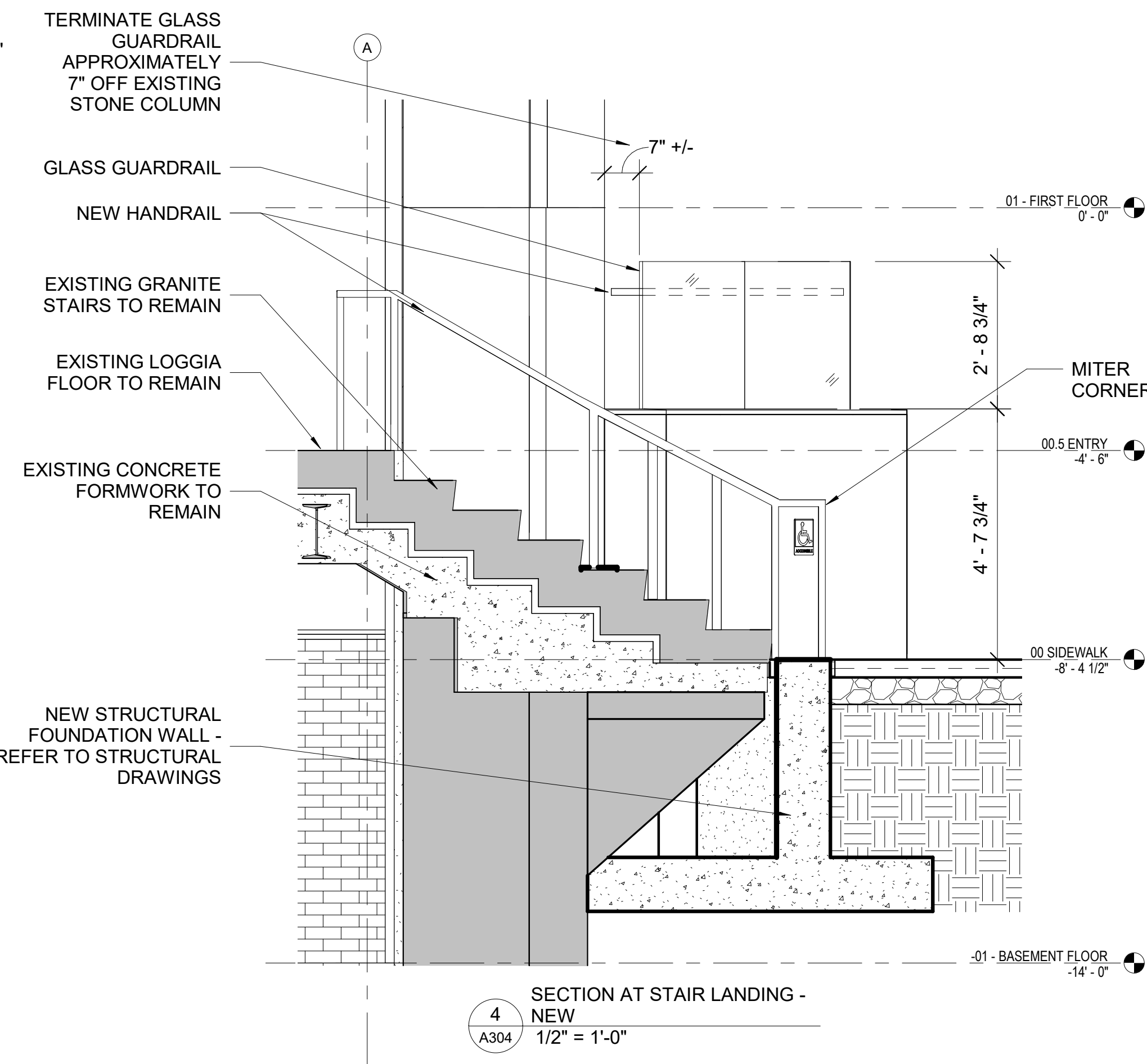
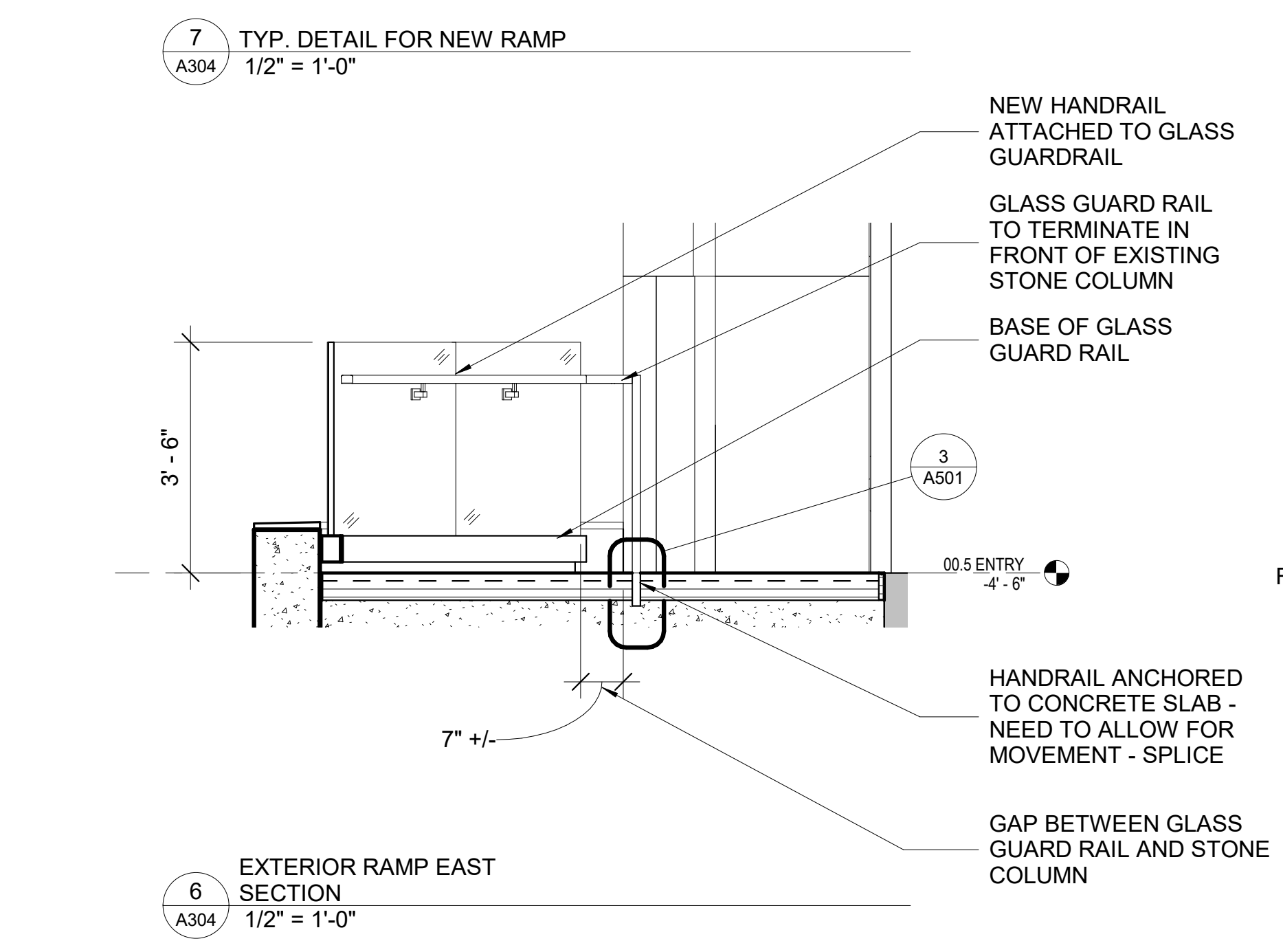
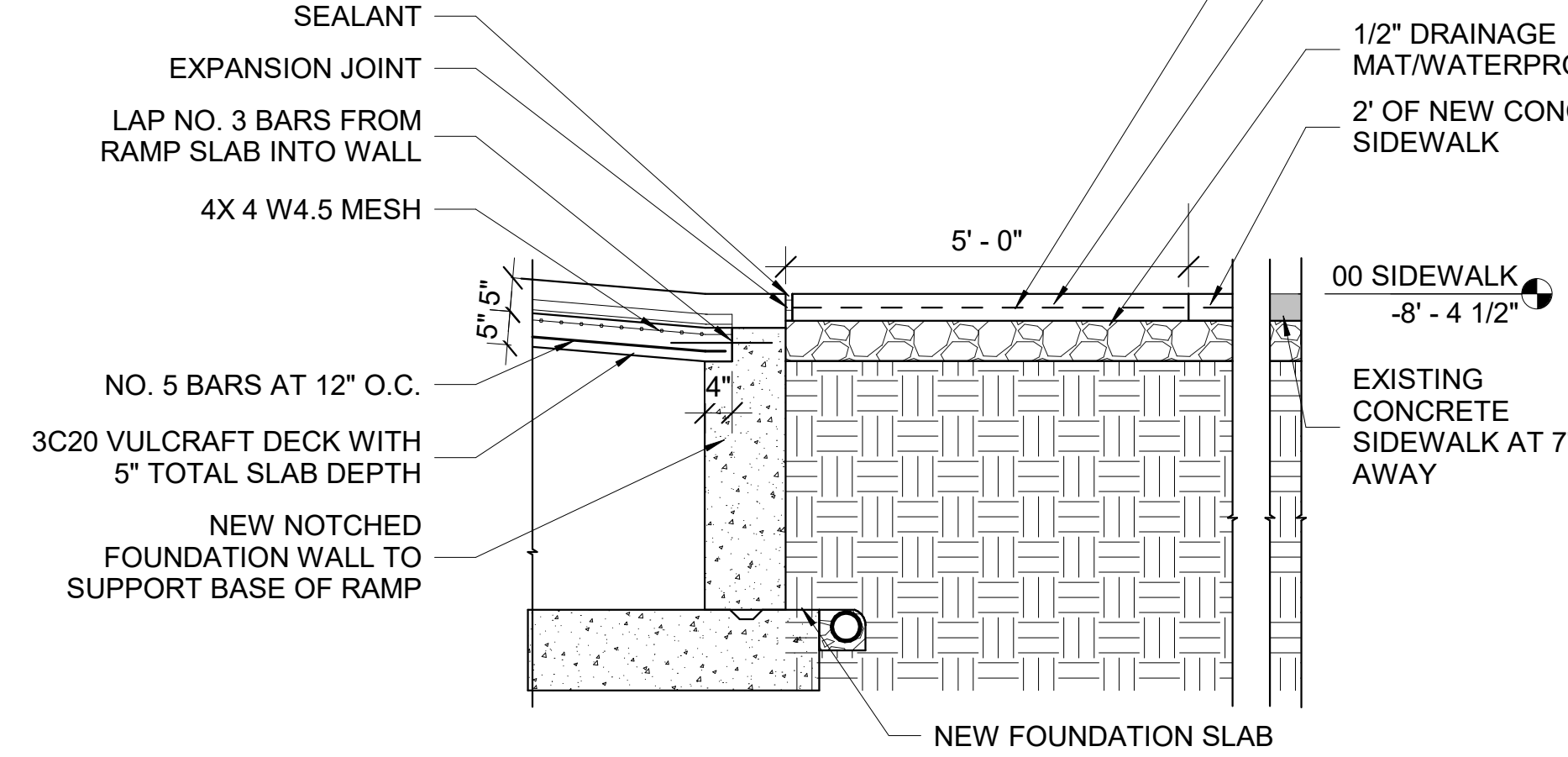
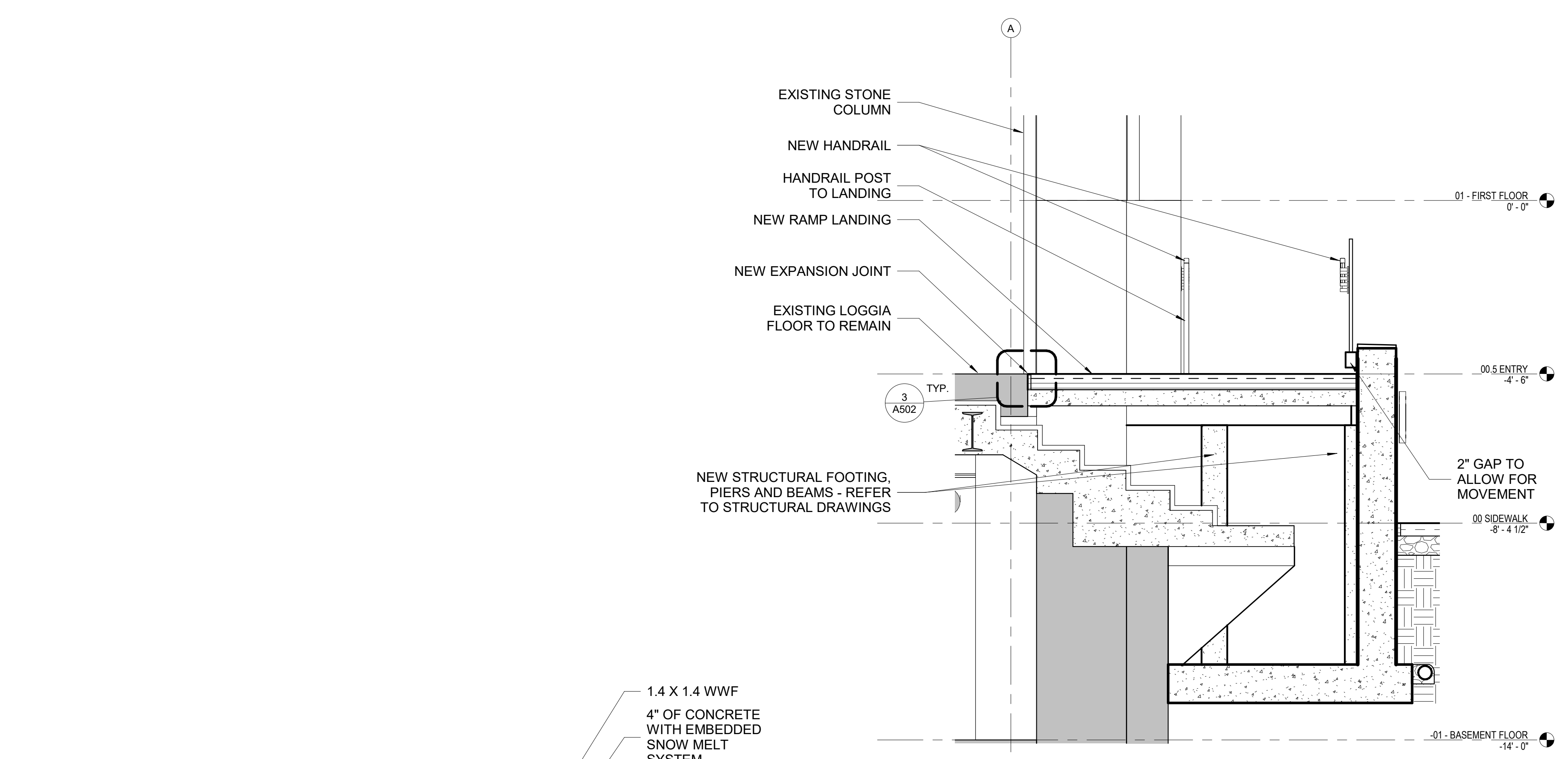
BUILDING NAME	THEODORE LEVIN U.S. COURTHOUSE
ADDRESS	231 WEST LAFAYETTE
CITY, STATE, ZIP	Detroit, Michigan 48226
BUILDING NO.	MI0029ZZ

PROJECT

PROJECT TITLE	CAPITAL SECURITY PROJECT
GSA PROJECT NO.	VM100051
SUBMISSION STAGE	
SUBMISSION DATE	12/09/2022

SHEET

DRAWN BY	SP
CHECKED BY	SWG
FLOOR NO.	RAMP FLOOR
DISCIPLINE	ARCHITECTURAL
PLAN TYPE	ELEVATION
SHEET NUMBER AND FILENAME	A202



MARK	DATE	DESCRIPTION

REVISION BLOCK

A/E CONTRACT NO.	47PF0019D0019
DELIVER ORDER NO.	47PF0021F0822
CONST. CONTRACT NO.	

CONTRACT

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CONSULTANT IDENTIFICATION



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Chicago, IL 60604

OWNER IDENTIFICATION

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ADDRESS	231 WEST LAFAYETTE
CITY, STATE, ZIP	Detroit, Michigan 48226
BUILDING NO.	MI0029ZZ

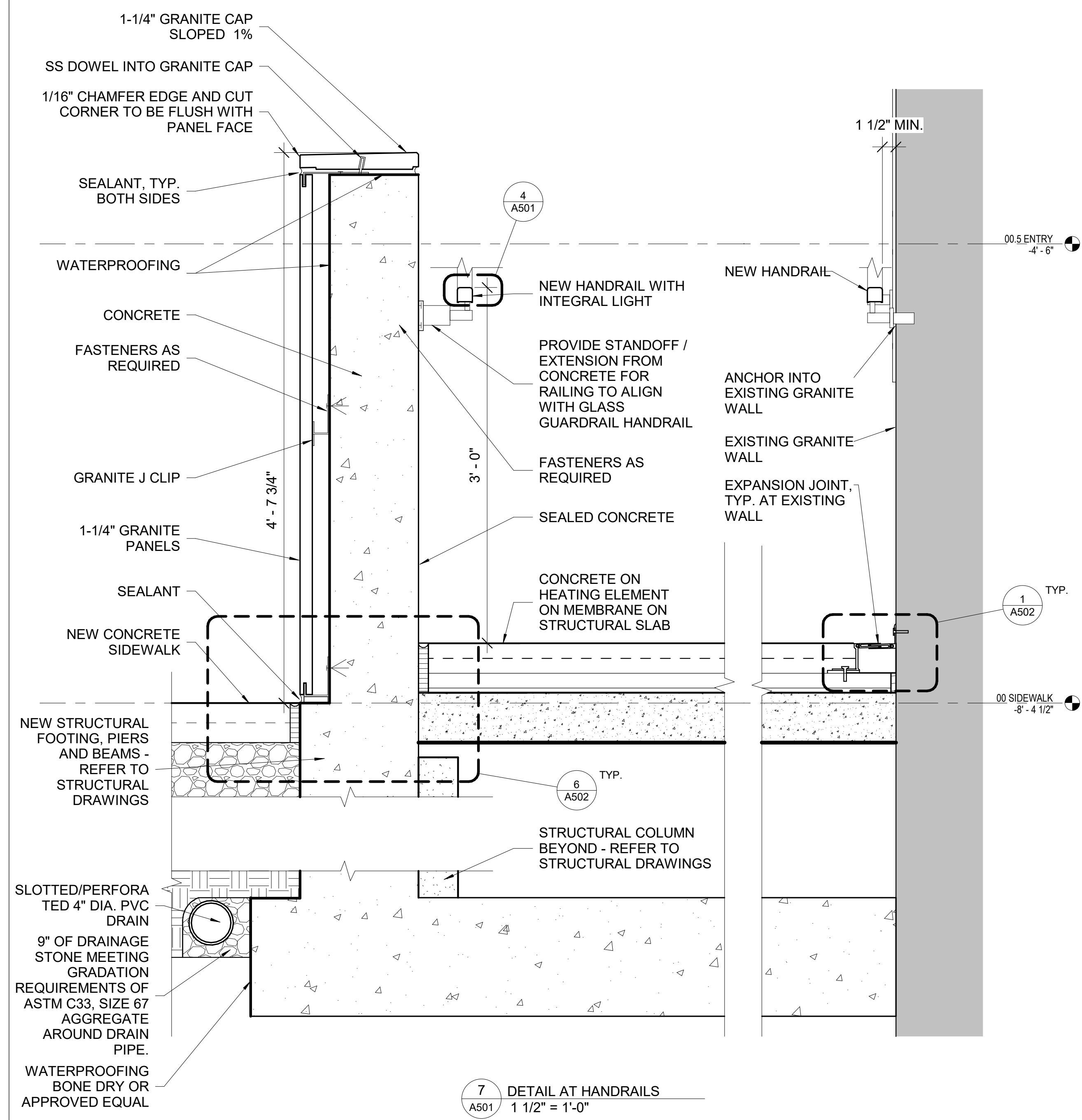
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PROJECT TITLE	CAPITAL SECURITY PROJECT
GSA PROJECT NO.	VM100051
SUBMISSION STAGE	
SUBMISSION DATE	12/09/2022

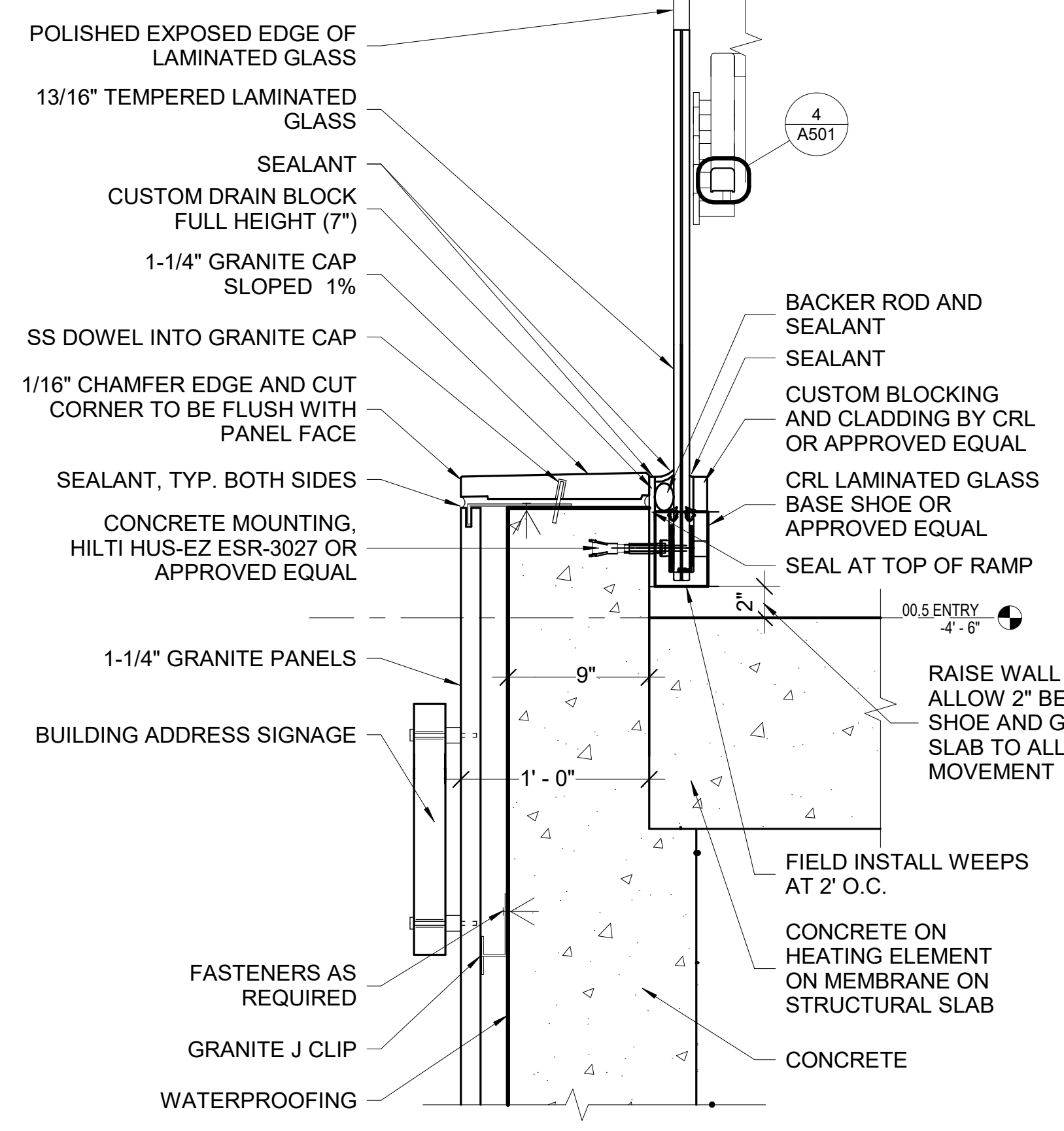
PROJECT

DRAWN BY	SP
CHECKED BY	SWG
FLOOR NO.	RAMP
DISCIPLINE	ARCHITECTURAL
PLAN TYPE	SECTION
SHEET NUMBER AND FILENAME	A304

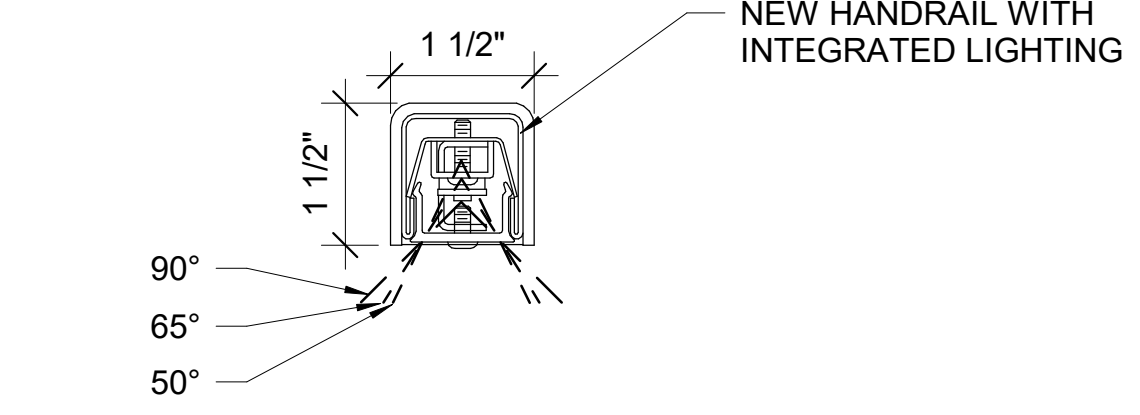
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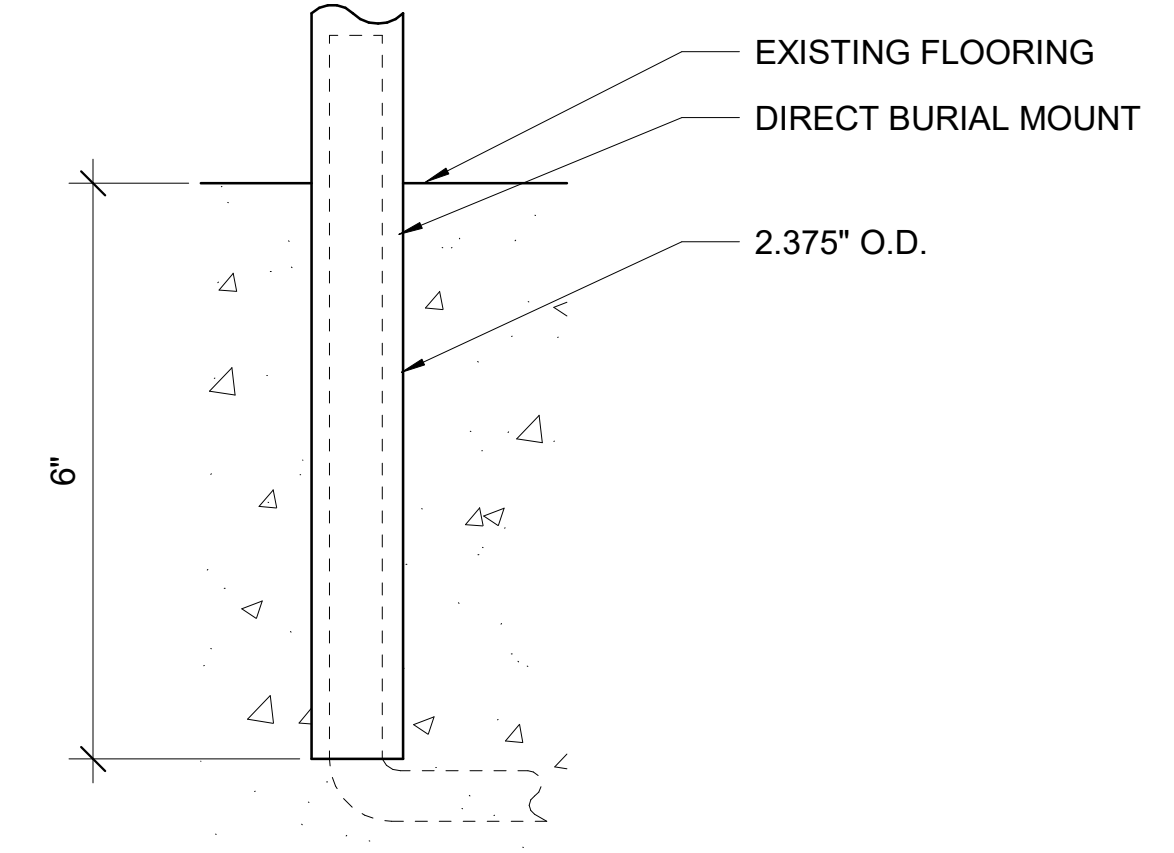
7
A501
DETAIL AT HANDRAILS
1 1/2" = 1'-0"



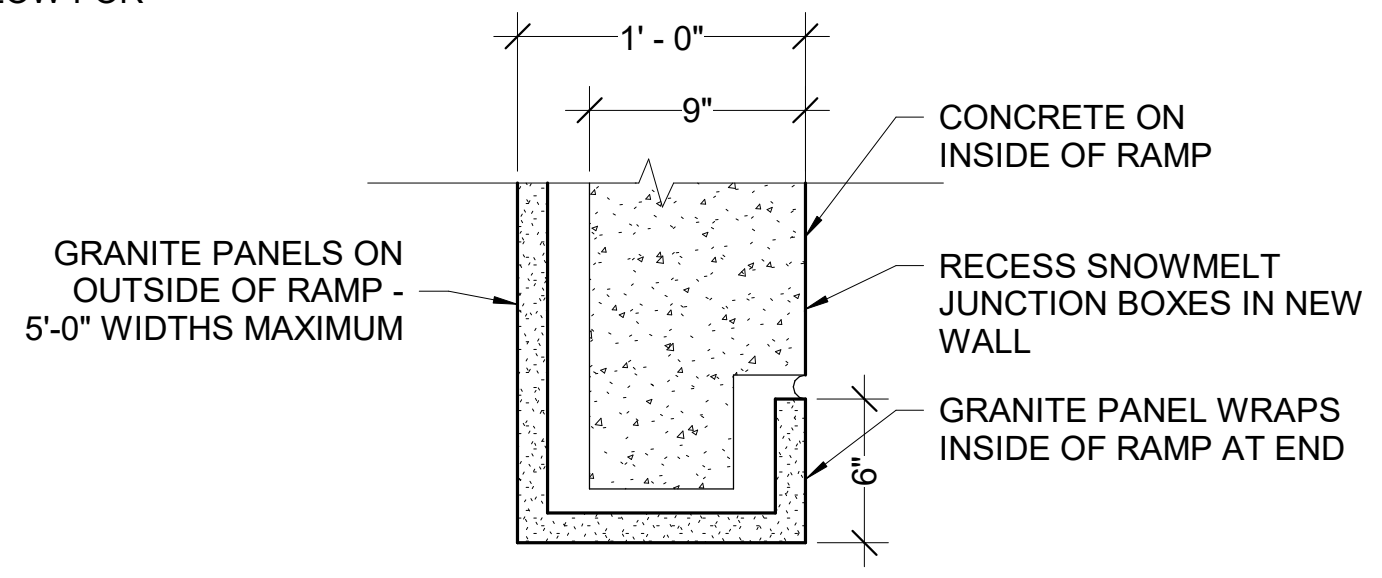
6
A501
GLASS BASE SHOE DETAIL
1 1/2" = 1'-0"



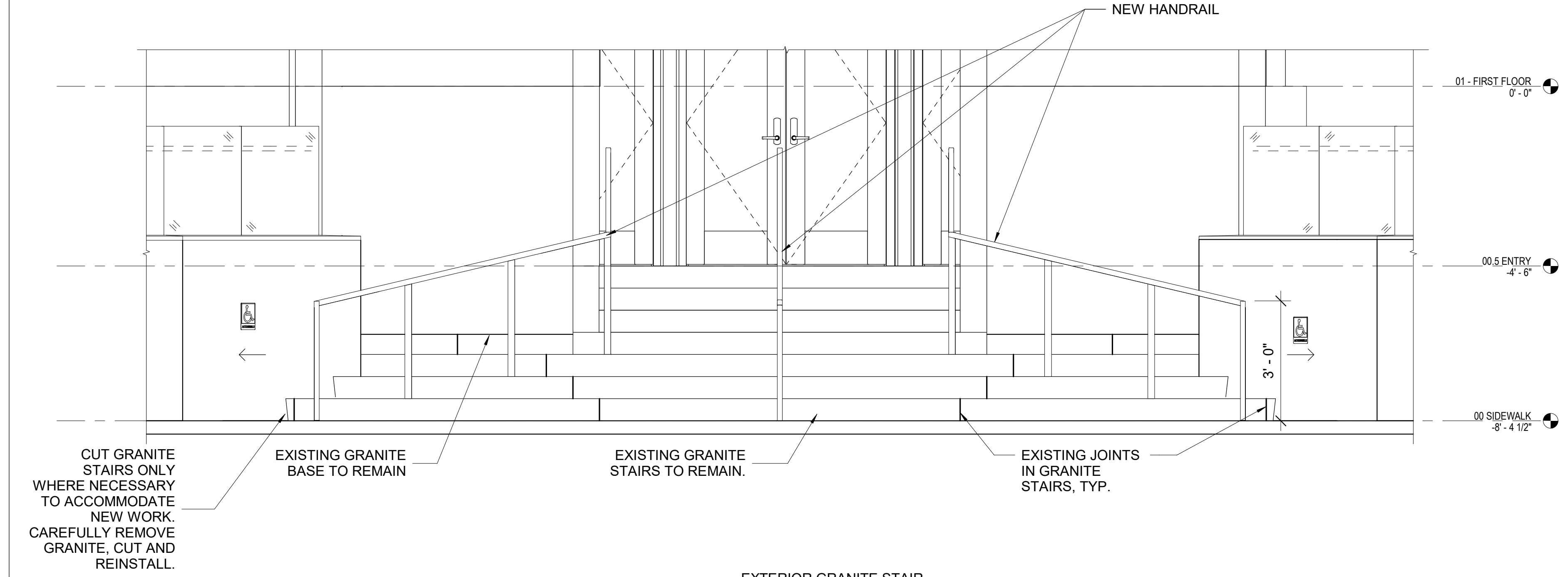
4
A501
HANDRAIL DETAIL LIGHT
6" = 1'-0"



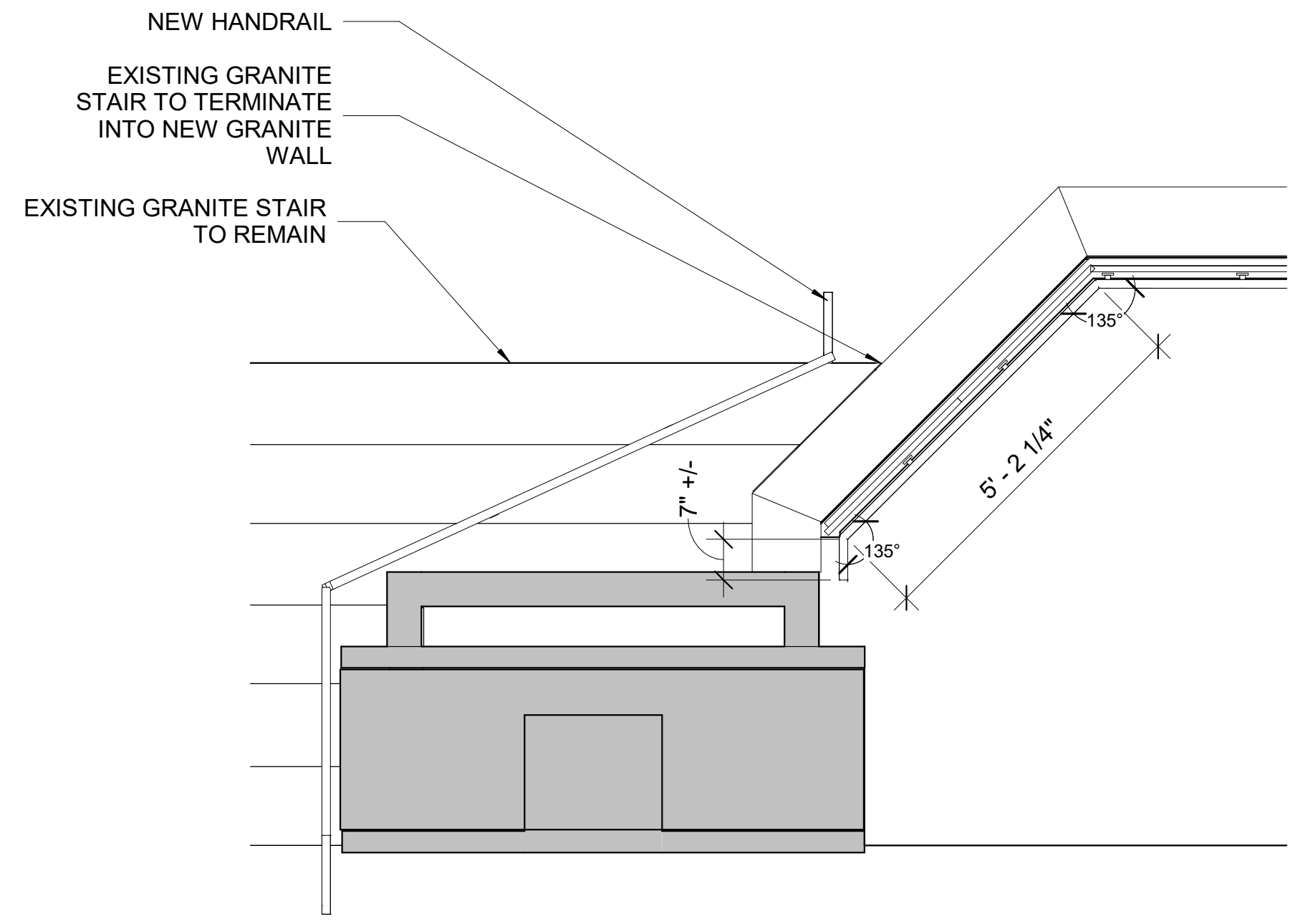
3
A501
HANDRAIL DETAIL POST
6" = 1'-0"



2
A501
GRANITE CLAD WALL DETAIL
1 1/2" = 1'-0"



5
A501
EXTERIOR GRANITE STAIR
DETAIL ELEVATION
1/2" = 1'-0"



1
A501
EXTERIOR RAMP AND STAIRS
DETAIL
1/2" = 1'-0"

KEY PLAN

GRAPHIC SCALE

1/2" = 1'-0"

MARK	DATE	DESCRIPTION
		ITS

REVISION BLOCK

A/E CONTRACT NO.	47PF0019D0019
DELIVER ORDER NO.	47PF0021F0822
CONST. CONTRACT NO.	

CONTRACT

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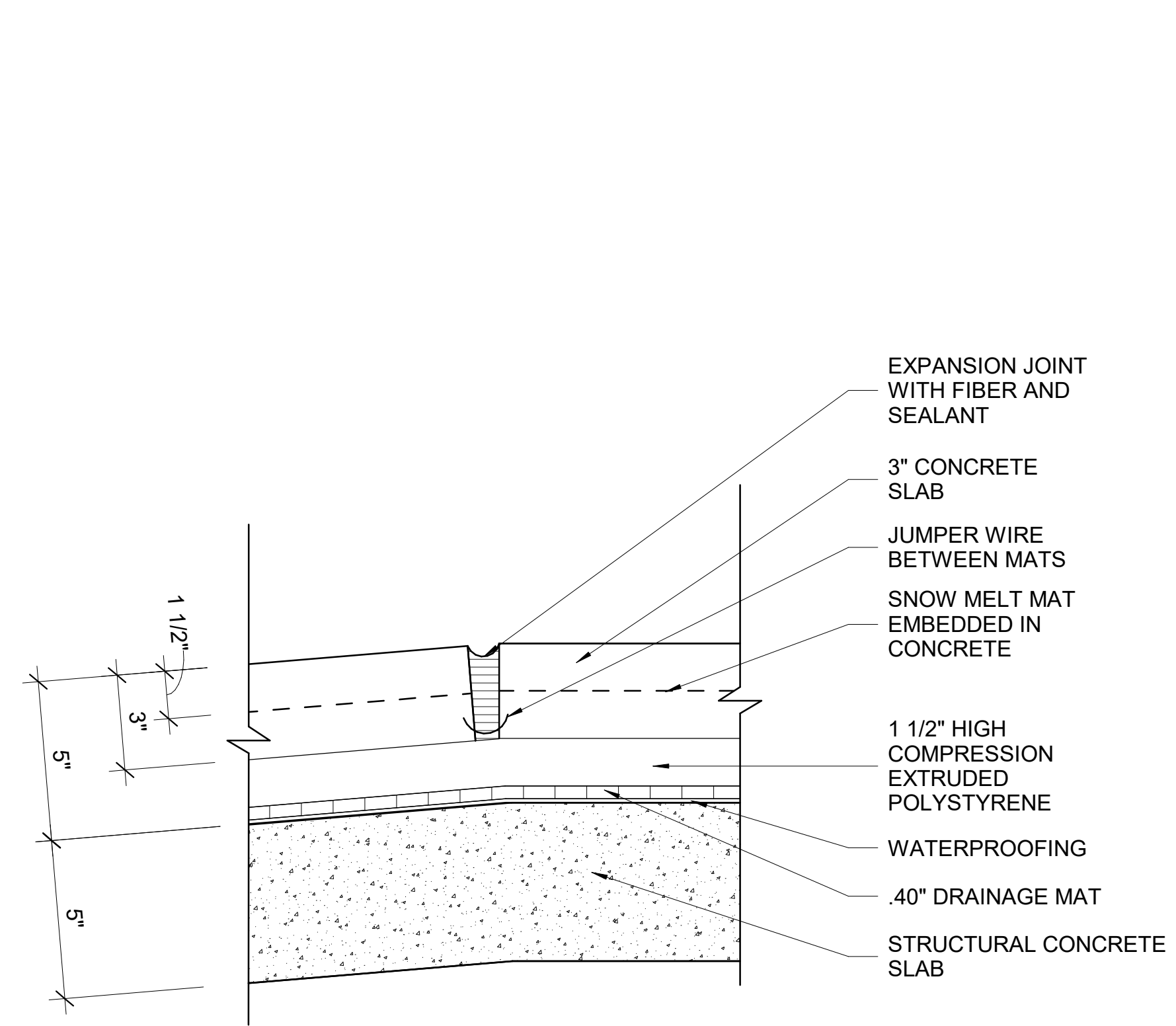
BUILDING NAME	THEODORE LEVIN U.S. COURTHOUSE
ADDRESS	231 WEST LAFAYETTE
CITY, STATE, ZIP	Detroit, Michigan 48226
BUILDING NO.	MI0029ZZ
PROJECT TITLE	CAPITAL SECURITY PROJECT
GSA PROJECT NO.	VM100051
SUBMISSION STAGE	
SUBMISSION DATE	12/09/2022
DRAWN BY	SP
CHECKED BY	SWG
FLOOR NO.	RAMP
DISCIPLINE	ARCHITECTURAL
PLAN TYPE	RAMP DETAILS
SHEET NUMBER AND FILENAME	A501

BUILDING IDENTIFICATION

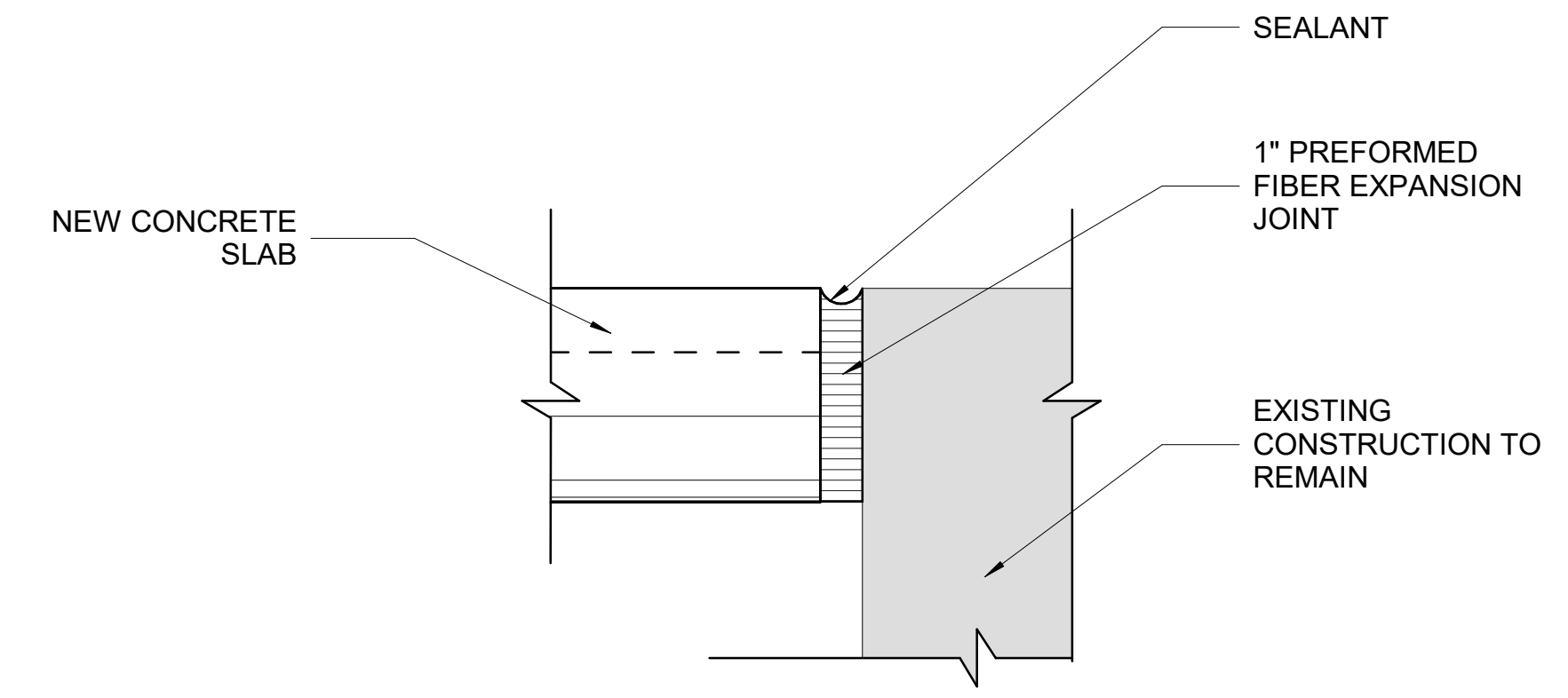
BUILDING

PROJECT

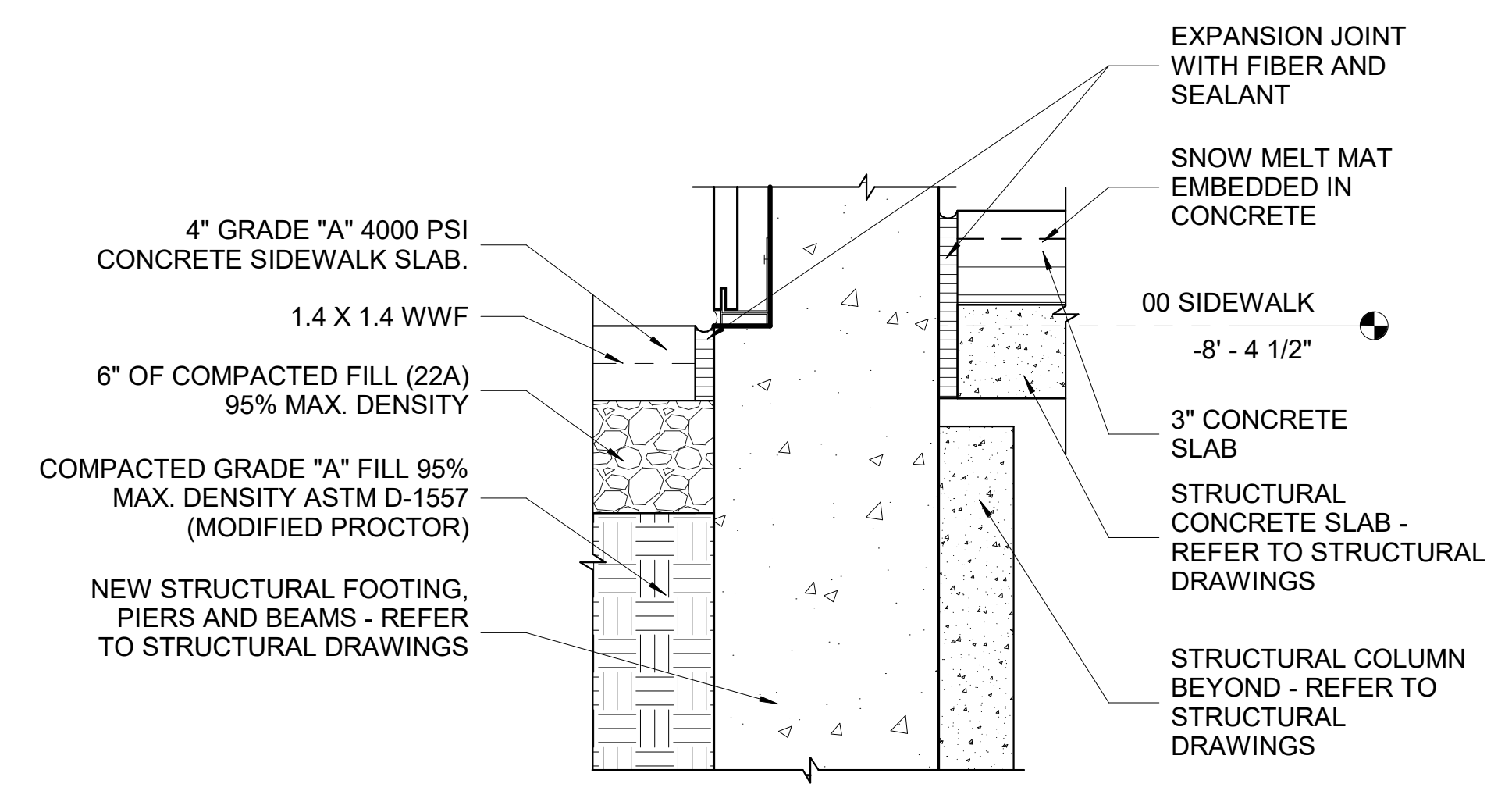
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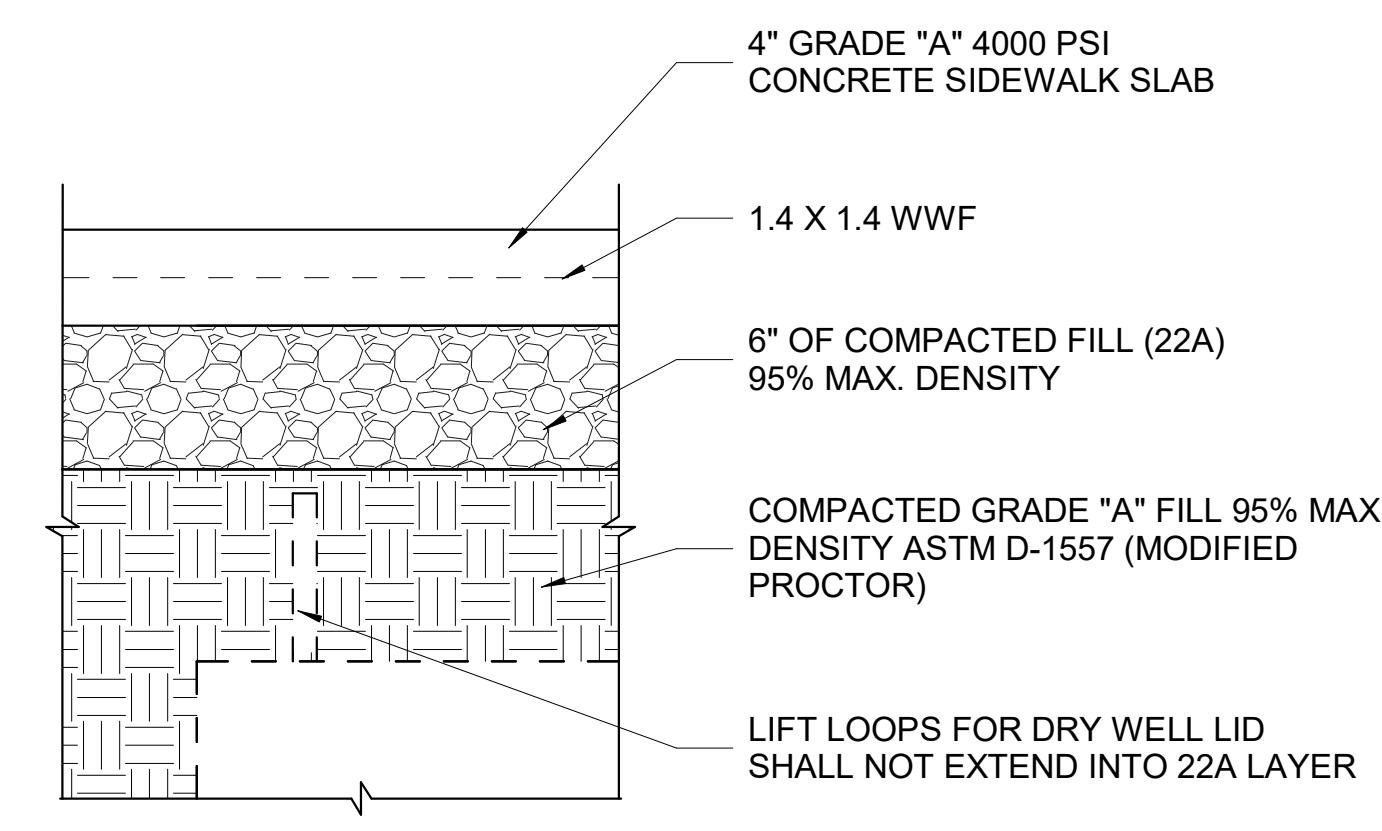
5
A502
TYP. DETAIL FOR NEW RAMP SLAB
3" = 1'-0"



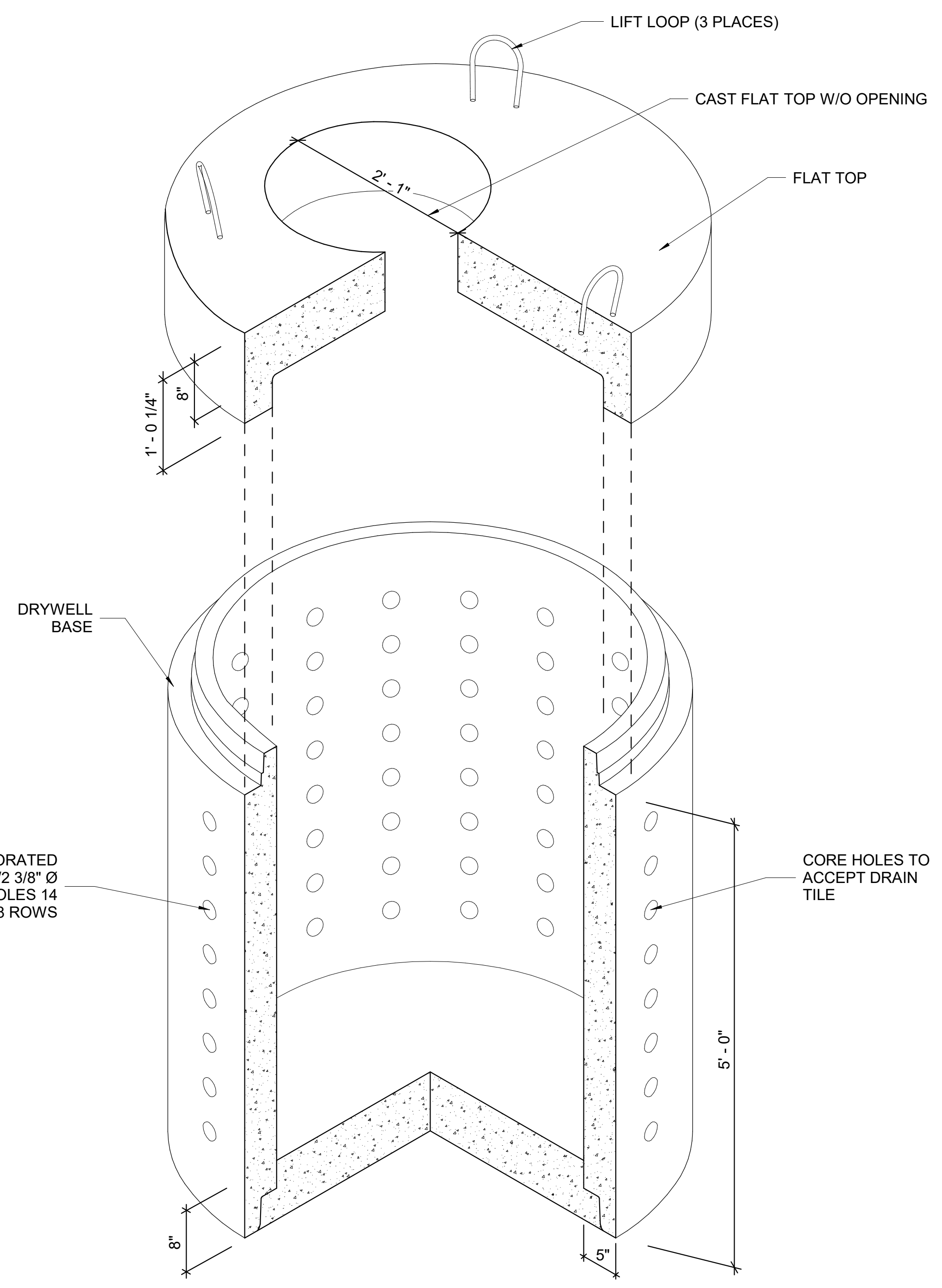
3
A502
TYP. DETAIL FOR NEW CONCRETE SLAB ABUTTING (E) CONSTRUCTION TO REMAIN
3" = 1'-0"



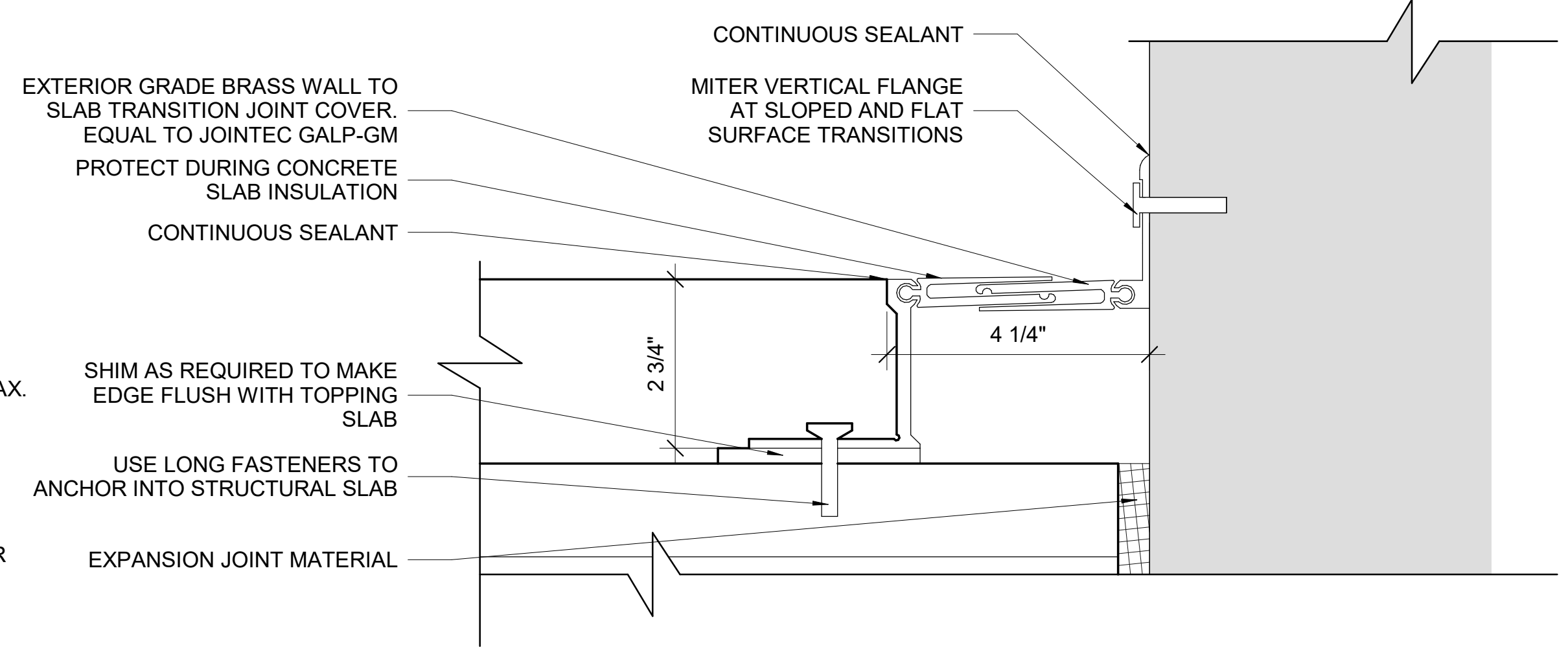
6
A502
CITY OF DETROIT SIDEWALK W/ NEW RAMP DETAIL
1 1/2" = 1'-0"



4
A502
CITY OF DETROIT SIDEWALK DETAIL
1 1/2" = 1'-0"

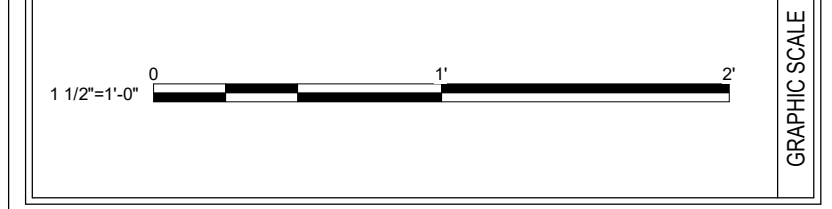


2
A502
EXTERIOR RAMP DRYWELL DETAIL
1" = 1'-0"



1
A502
MOVEMENT JOIN DETAIL AT RAMP
6" = 1'-0"

KEY PLAN



REVISION BLOCK

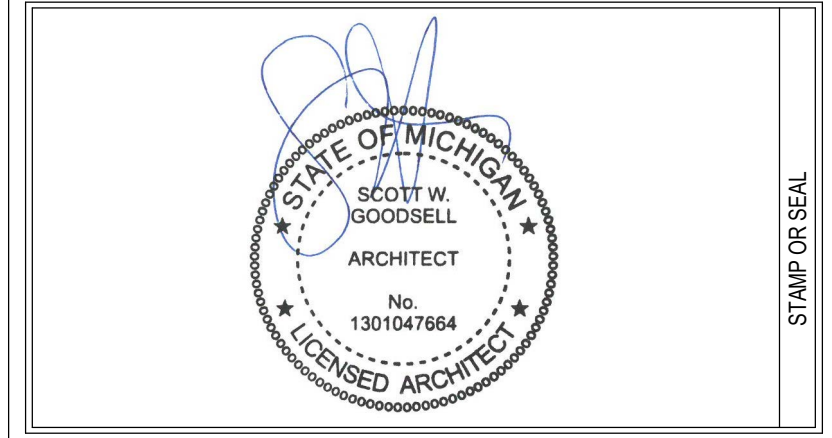
MARK	DATE	DESCRIPTION
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CONTRACT

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Chicago, IL 60604

BUILDING

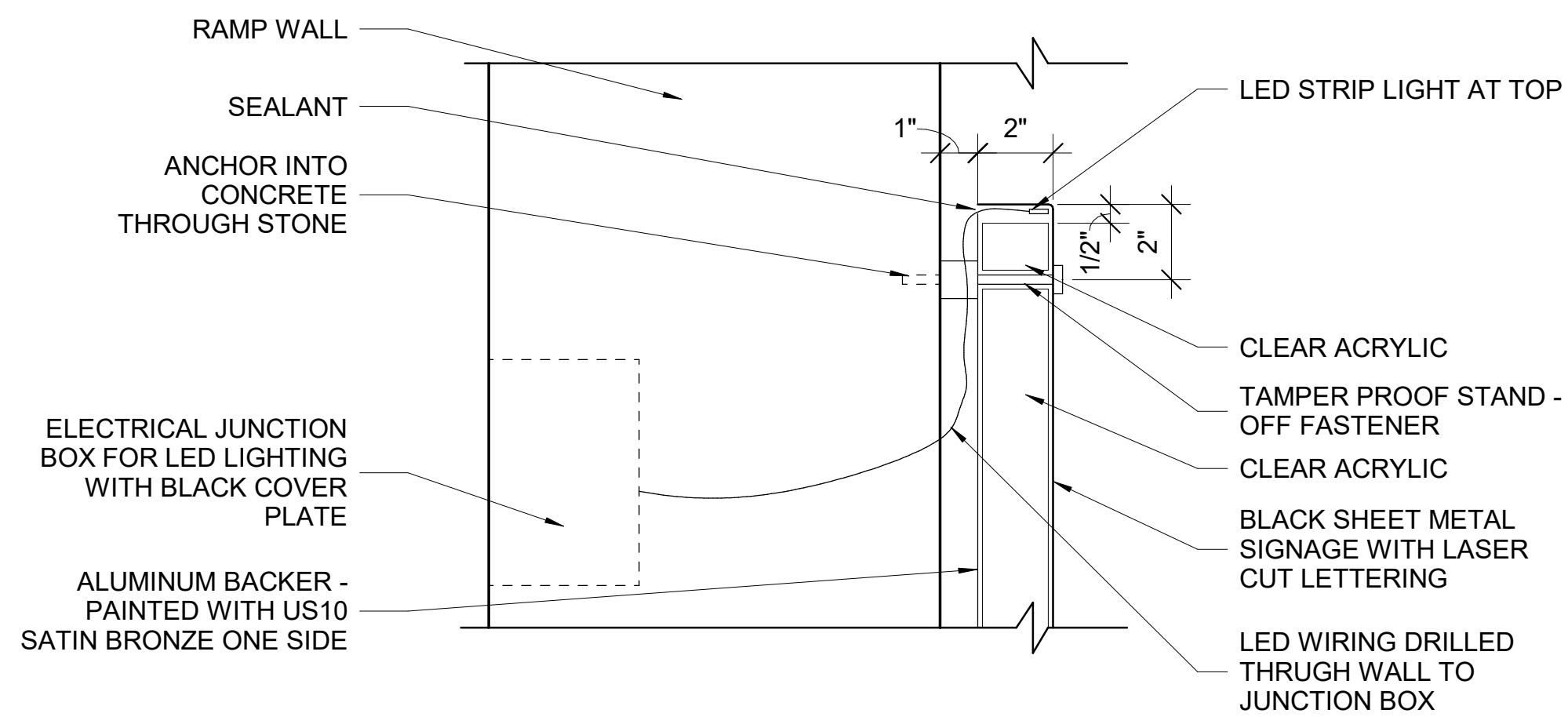
BUILDING NAME	THEODORE LEVIN U.S. COURTHOUSE
ADDRESS	231 WEST LAFAYETTE
CITY, STATE, ZIP	Detroit, Michigan 48226
BUILDING NO.	MI0029ZZ

PROJECT

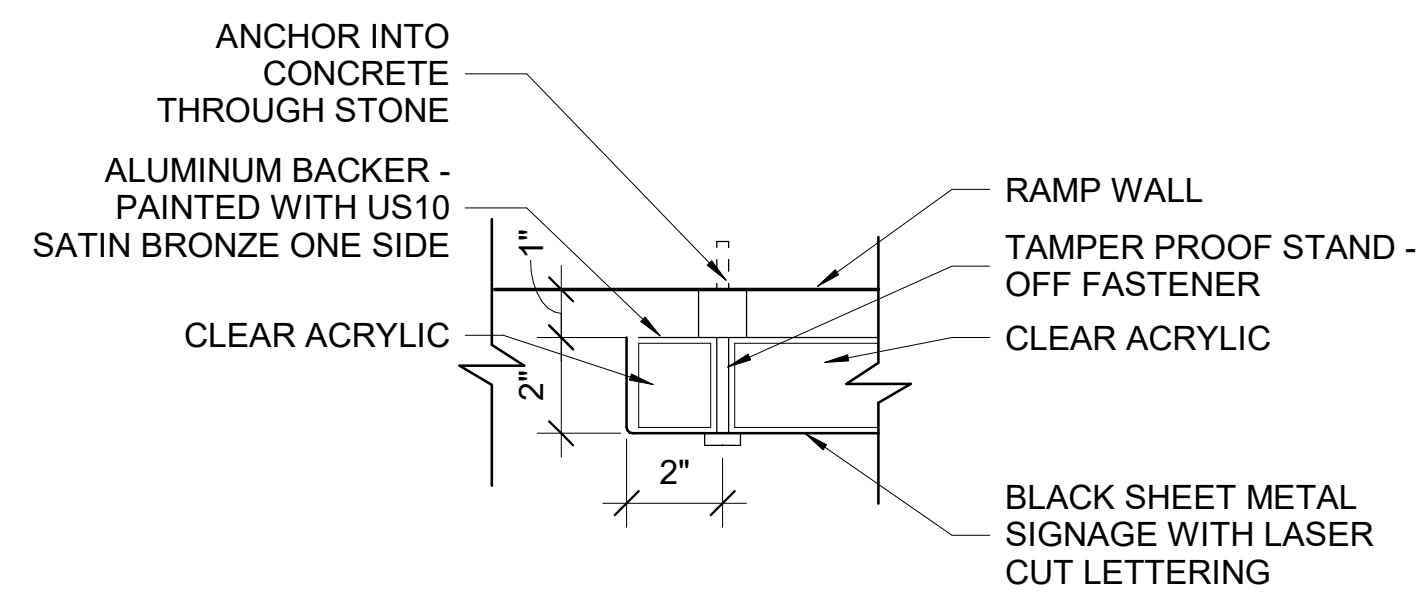
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GSA PROJECT NO.	VM100051
SUBMISSION STAGE	
SUBMISSION DATE	12/09/2022

SHEET

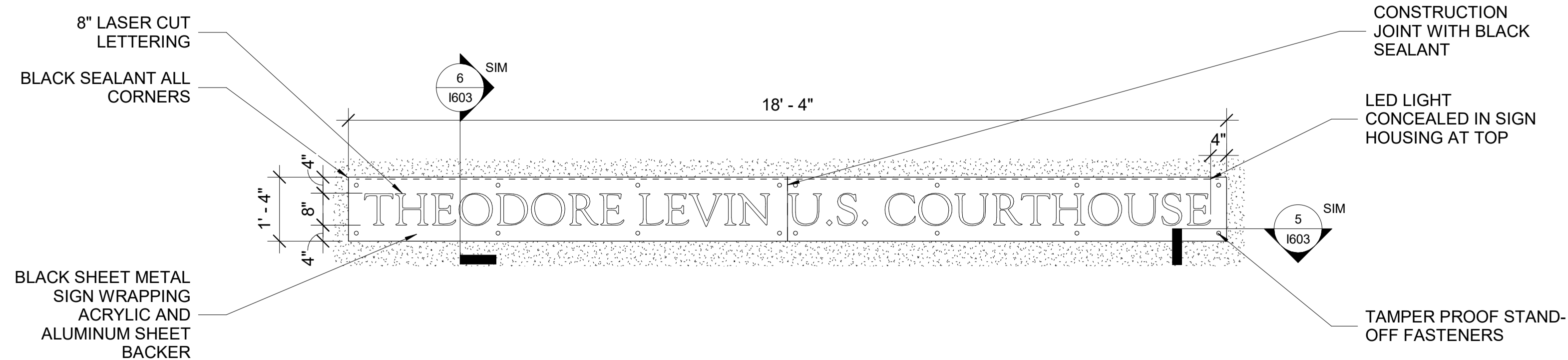
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CHECKED BY	SWG
FLOOR NO.	
DISCIPLINE	ARCHITECTURAL
PLAN TYPE	
SHEET NUMBER AND FILENAME	A502



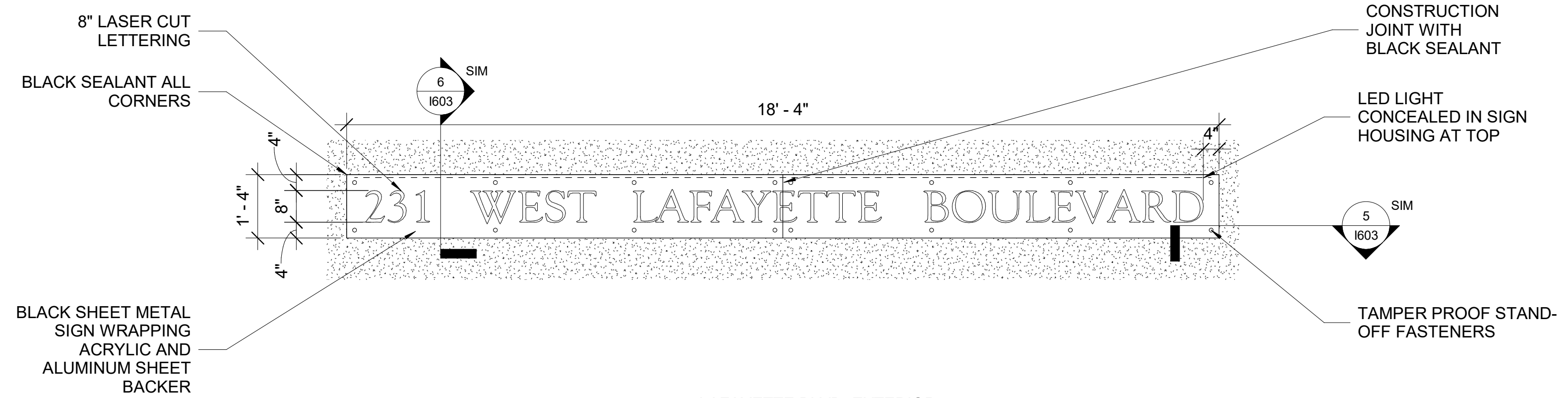
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1603
LAFAYETTE BLVD. EXTERIOR RAMP SECTION OF POWER TO SIGNAGE DETAIL
3" = 1'-0"



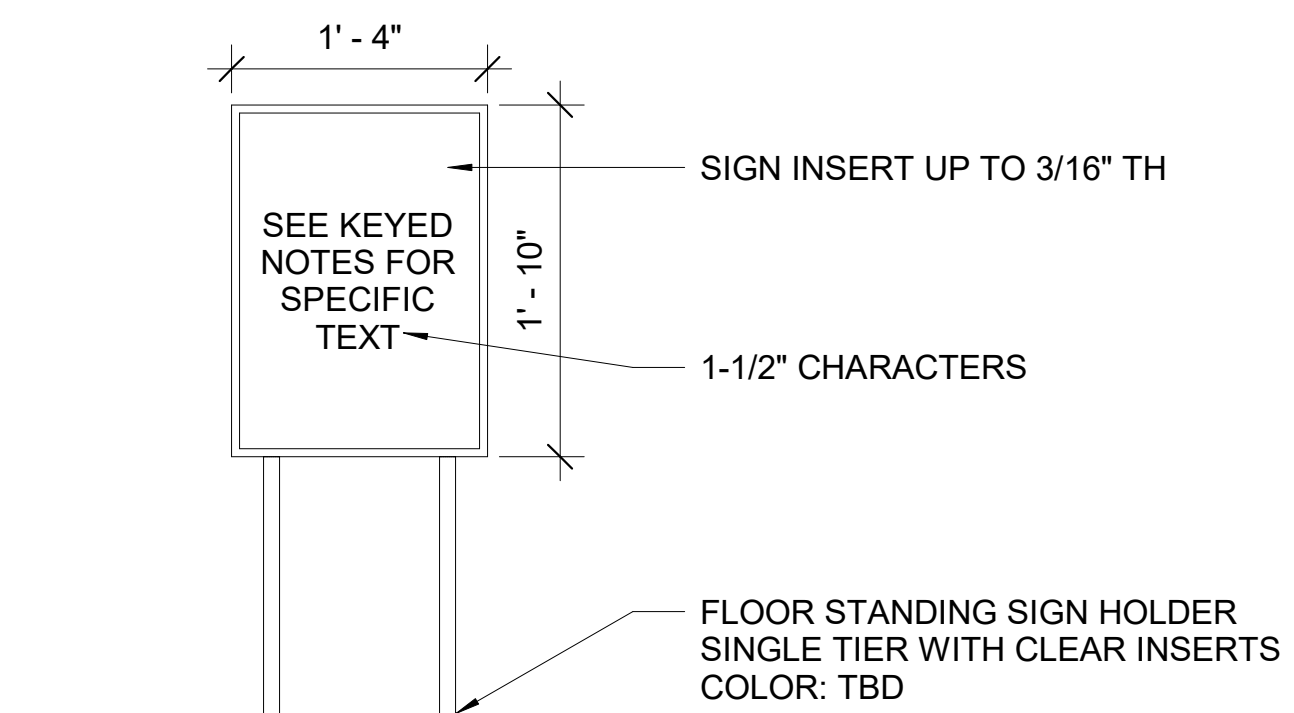
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1603
LAFAYETTE BLVD. EXTERIOR RAMP SECTION OF MOUNTING SIGNAGE DETAIL
3" = 1'-0"



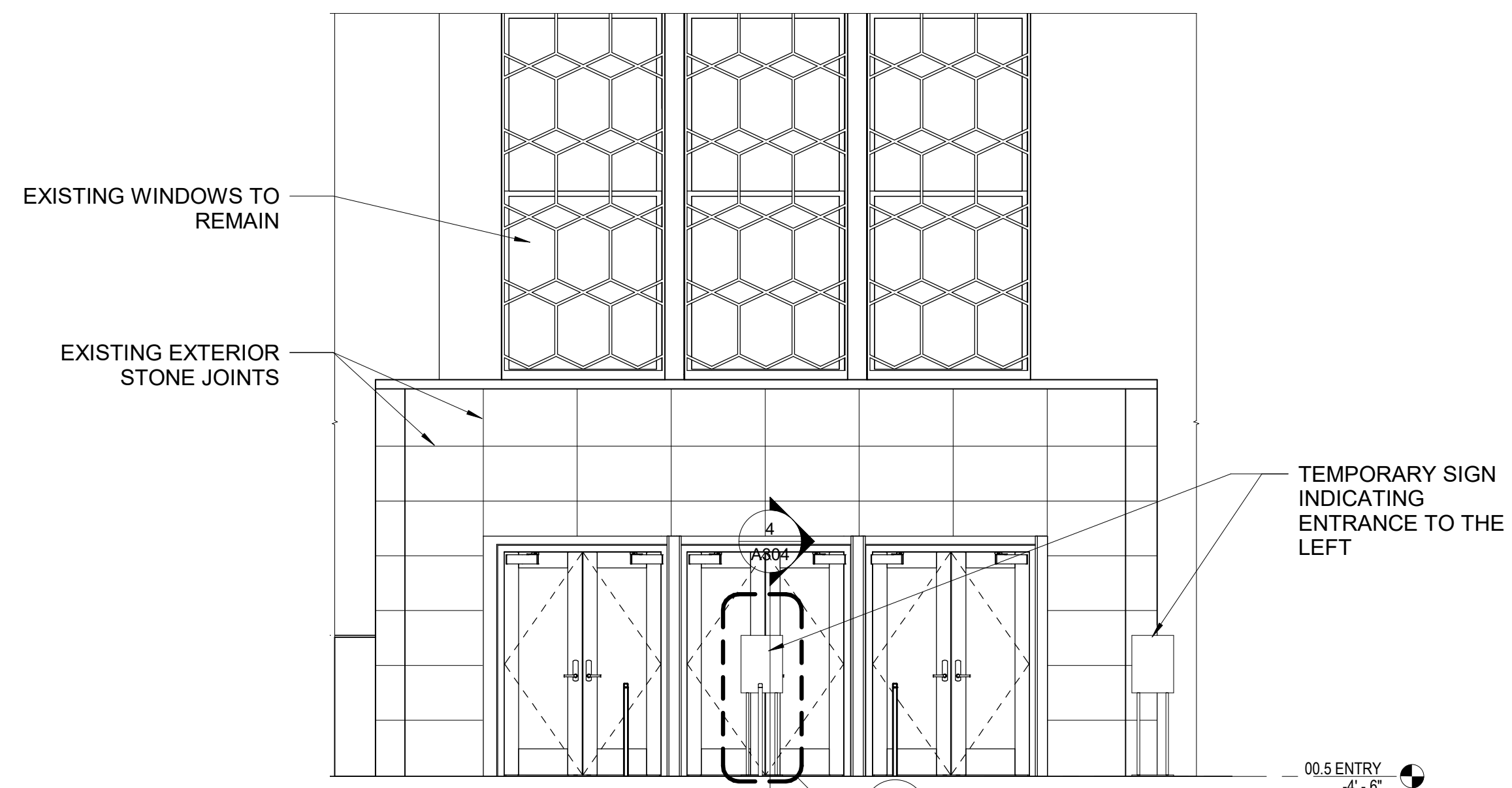
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1603
LAFAYETTE BLVD. EXTERIOR RAMP ENLARGED BUILDING NAME SIGNAGE DETAIL
1/2" = 1'-0"



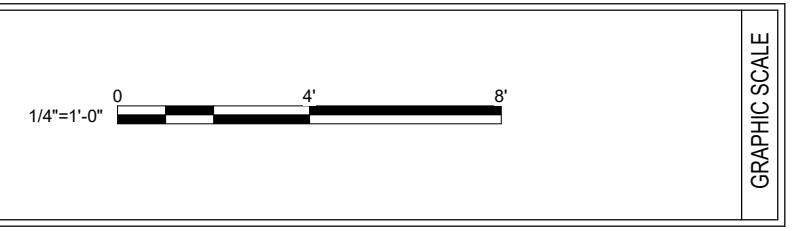
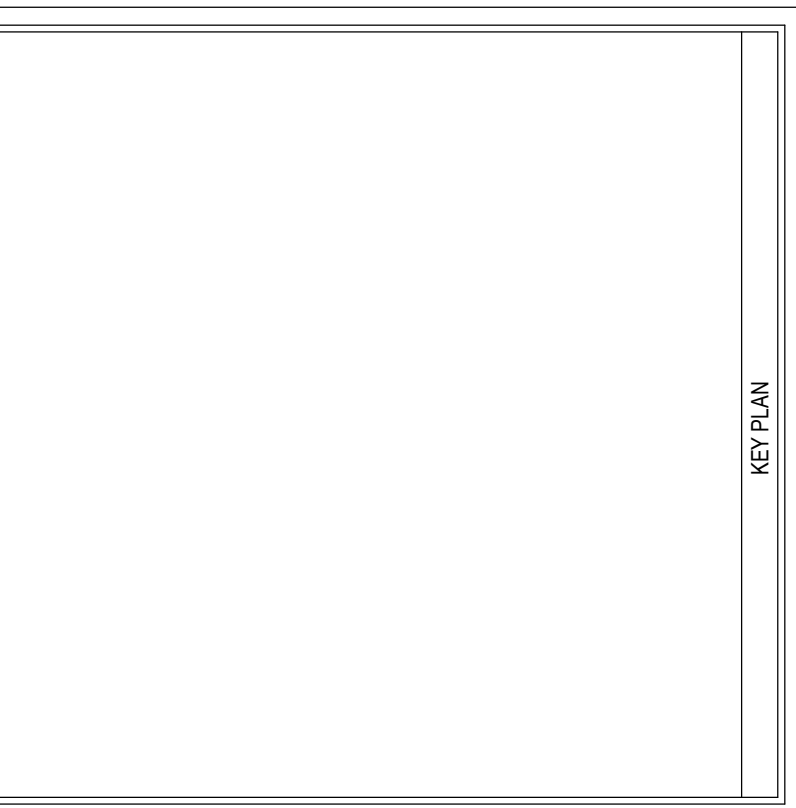
3
1603
LAFAYETTE BLVD. EXTERIOR RAMP ENLARGED BUILDING ADDRESS SIGNAGE DETAIL
1/2" = 1'-0"



2
1603
FLOOR STANDING SIGNAGE DETAIL
1" = 1'-0"



1
1603
LAFAYETTE BLVD. EXTERIOR FRONT SIGNAGE - NEW
1/4" = 1'-0"



MARK	DATE	DESCRIPTION
		1ts

A/E CONTRACT NO.	47PF0019D0019
DELIVER ORDER NO.	47PF0021F0822
CONST. CONTRACT NO.	

FORBES
ASSOCIATES ARCHITECTS
816 E 4th ST.
Royal Oak, MI 48067
248.542.7866/www.ghfaa.com

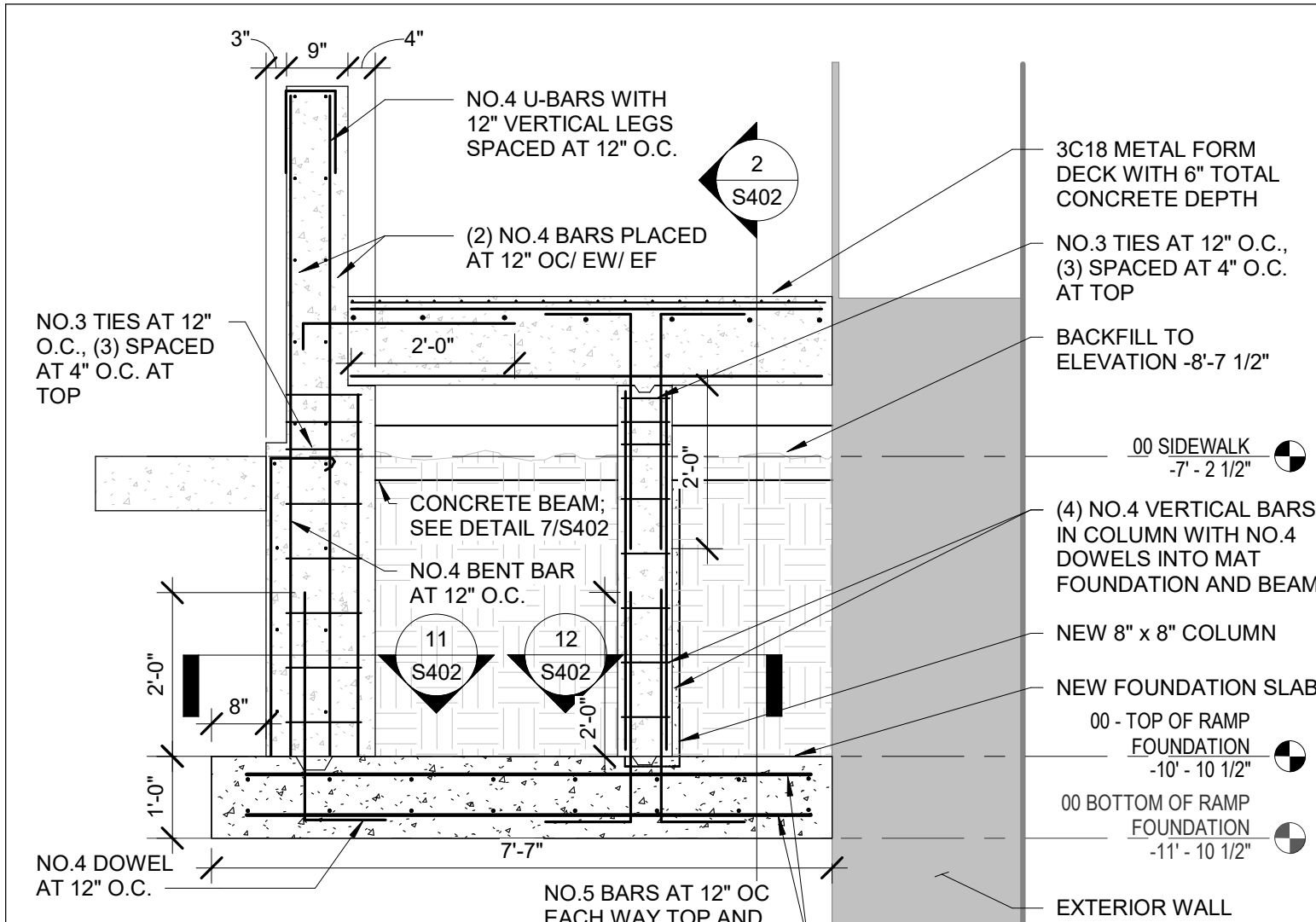
STATE OF MICHIGAN
SCOTT W. GOODSELL
ARCHITECT
No. 1301047664
LICENSED ARCHITECT

General Services Administration
Public Buildings Service
Great Lakes
Customer Projects Service Center
John C. Kluczynski Federal Building
230 South Dearborn St.
Room 3500
Chicago, IL 60604

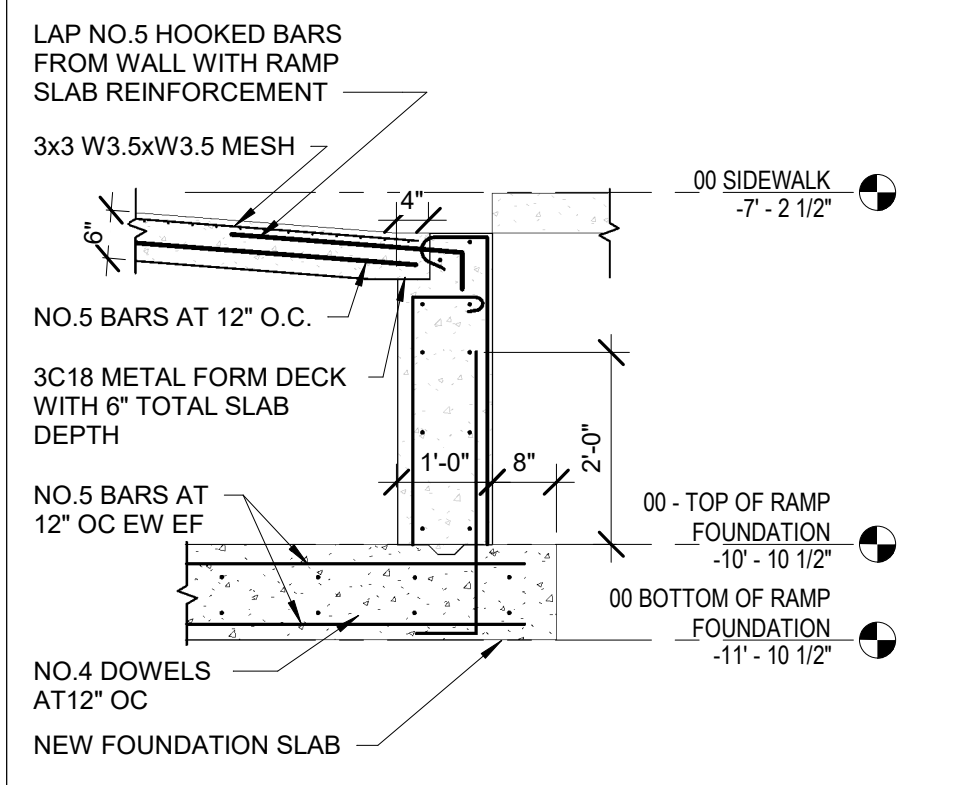
BUILDING NAME	THEODORE LEVIN U.S. COURTHOUSE
ADDRESS	231 WEST LAFAYETTE
CITY, STATE, ZIP	Detroit, Michigan 48226
BUILDING NO.	M10029ZZ

PROJECT TITLE	CAPITAL SECURITY PROJECT
GSA PROJECT NO.	VM100051
SUBMISSION STAGE	
SUBMISSION DATE	12/09/2022

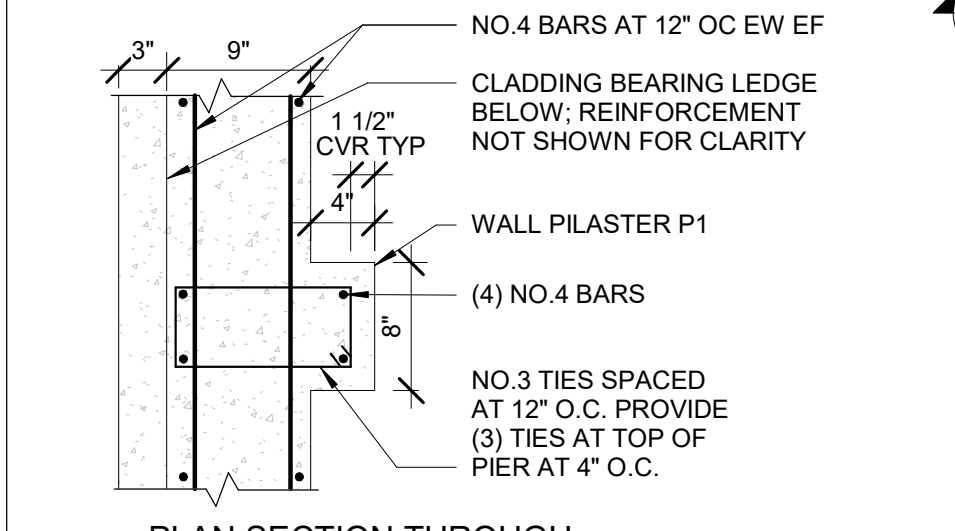
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CHECKED BY	SWG
FLOOR NO.	
DISCIPLINE	ARCHITECTURAL
PLAN TYPE	SIGNAGE DETAILS
SHEET NUMBER AND FILENAME	1603



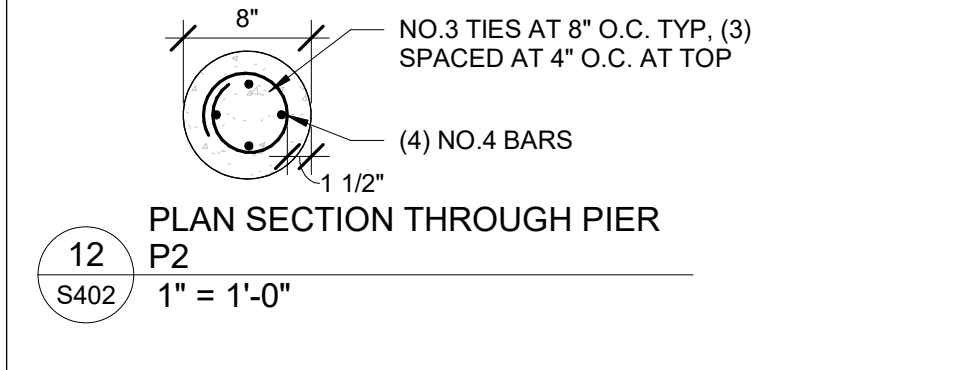
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1/2" = 1'-0"



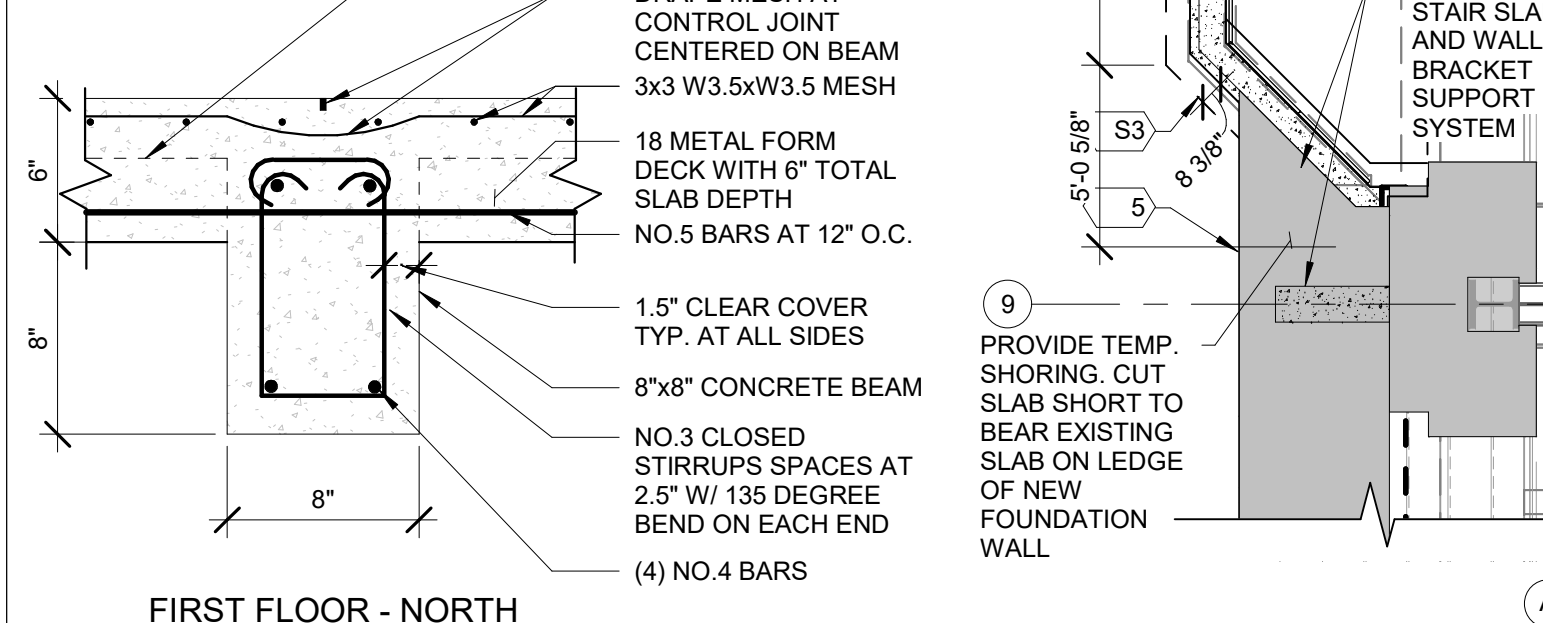
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1/2" = 1'-0"



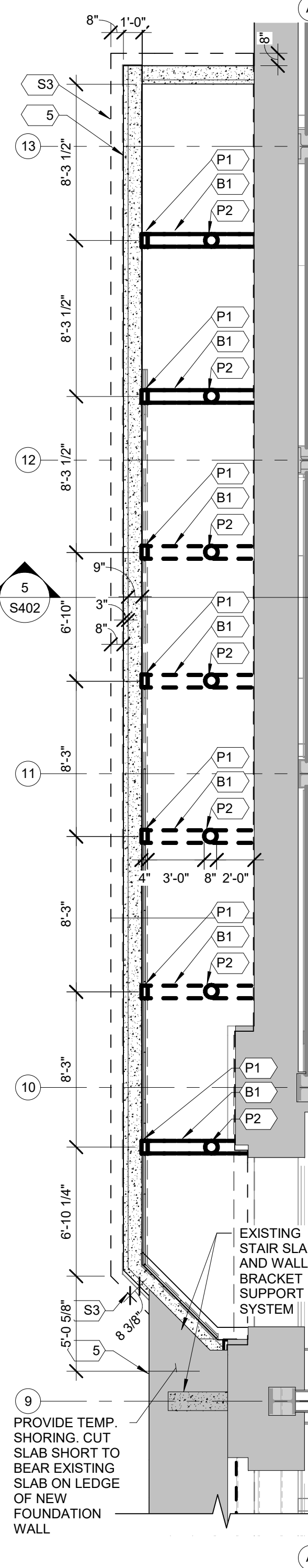
11 S402
1" = 1'-0"



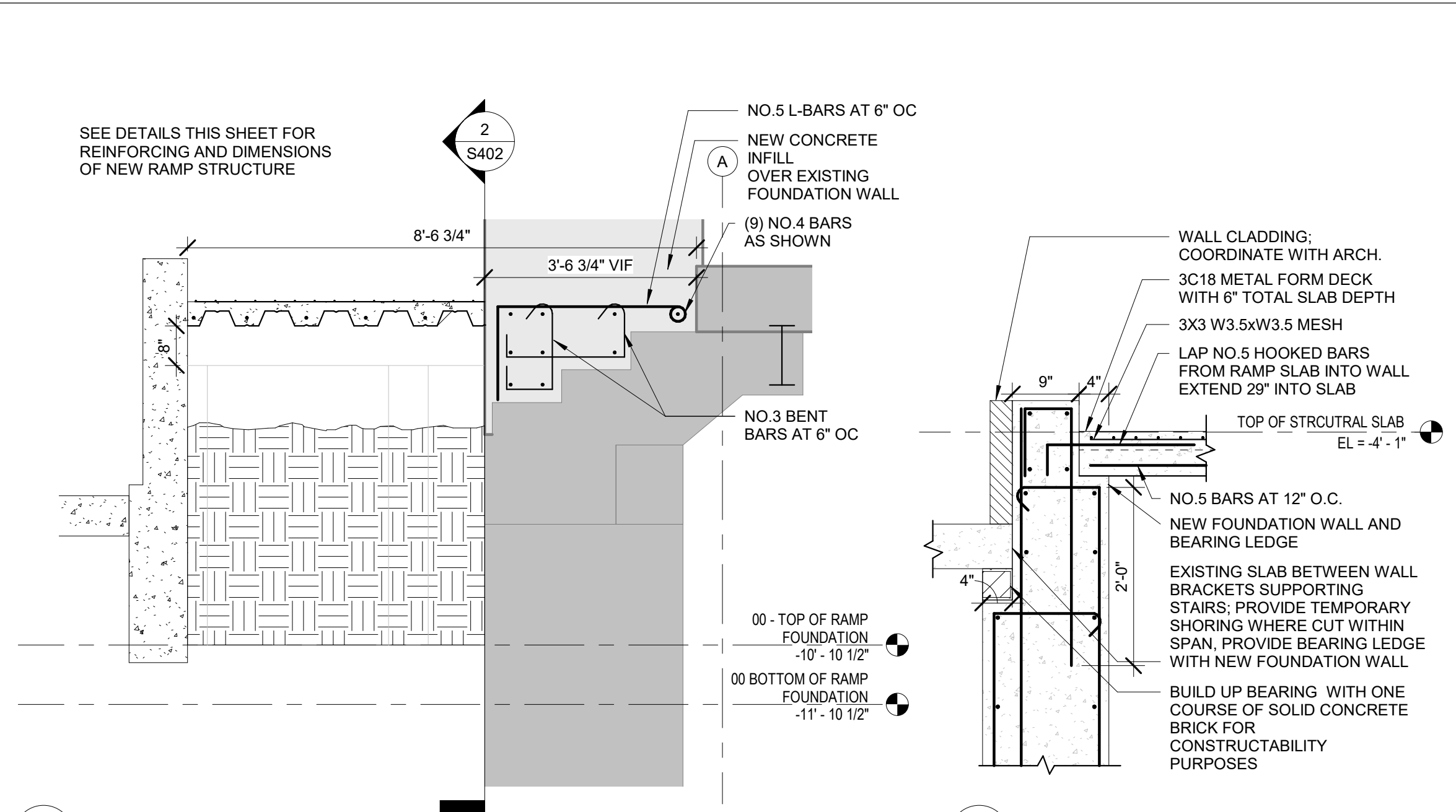
12 S402
1" = 1'-0"



13 S402
1 1/2" = 1'-0"

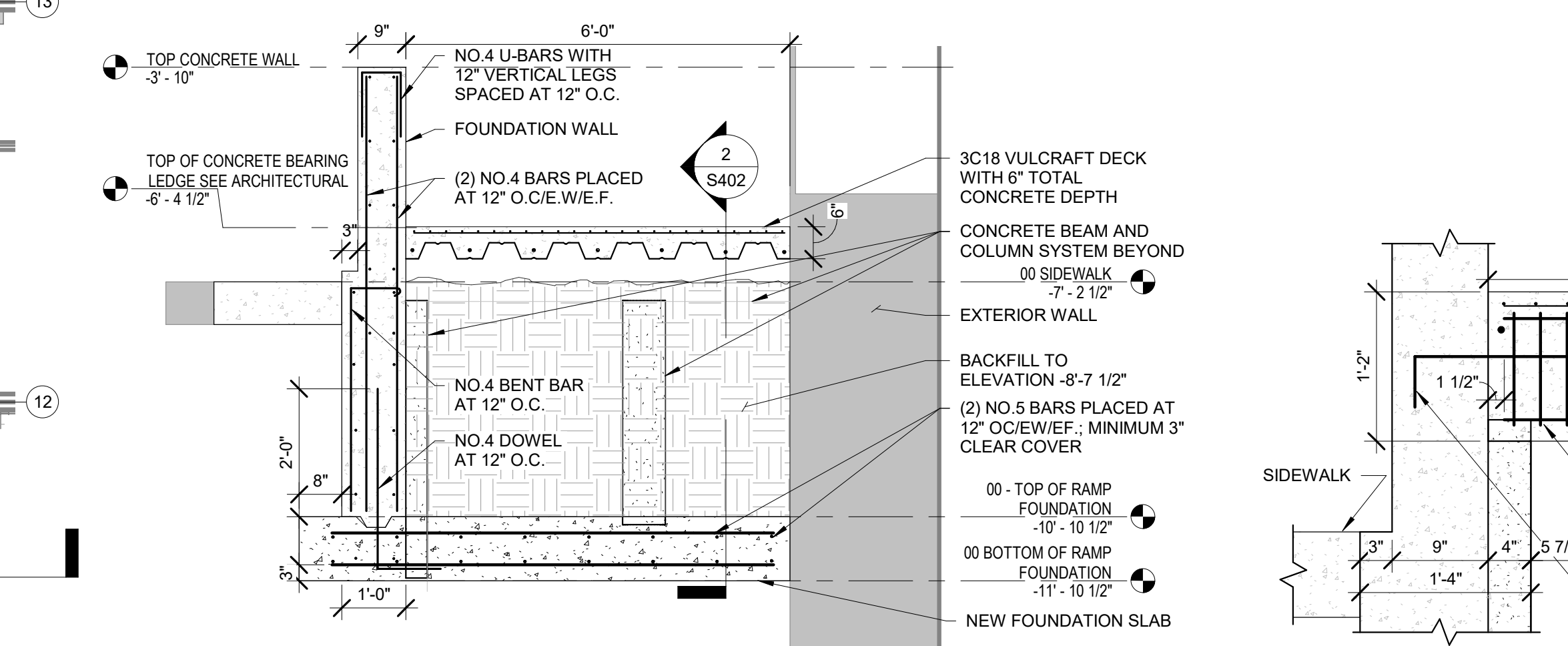


3 S402
3/16" = 1'-0"

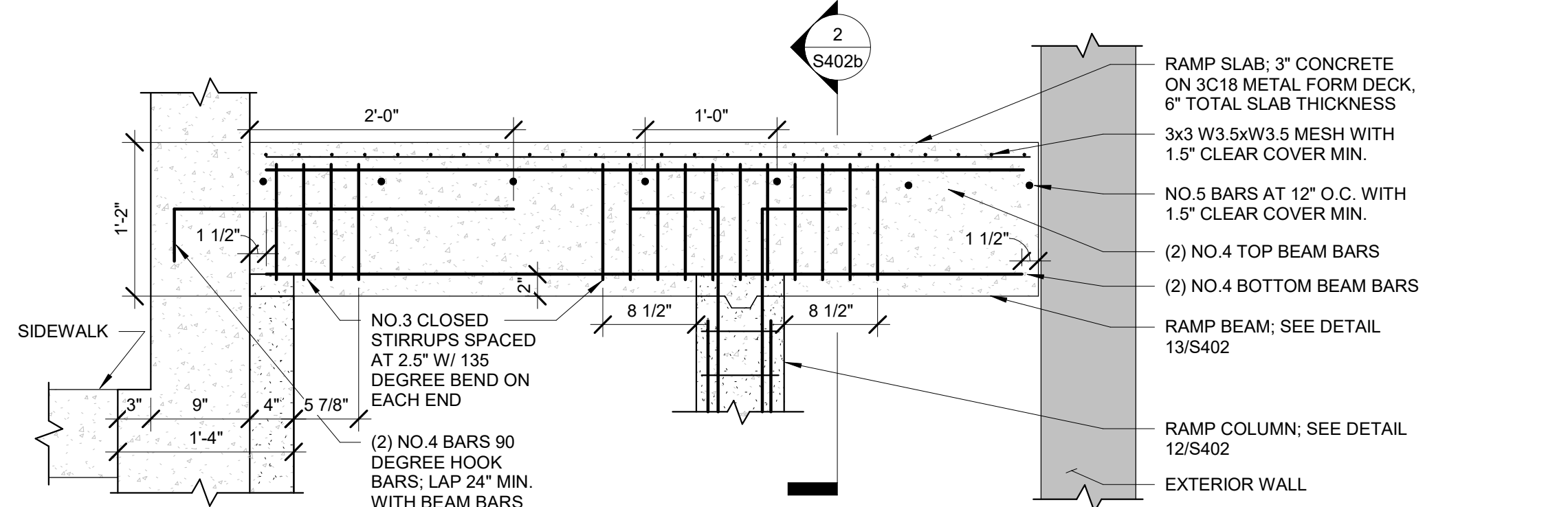


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1/2" = 1'-0"

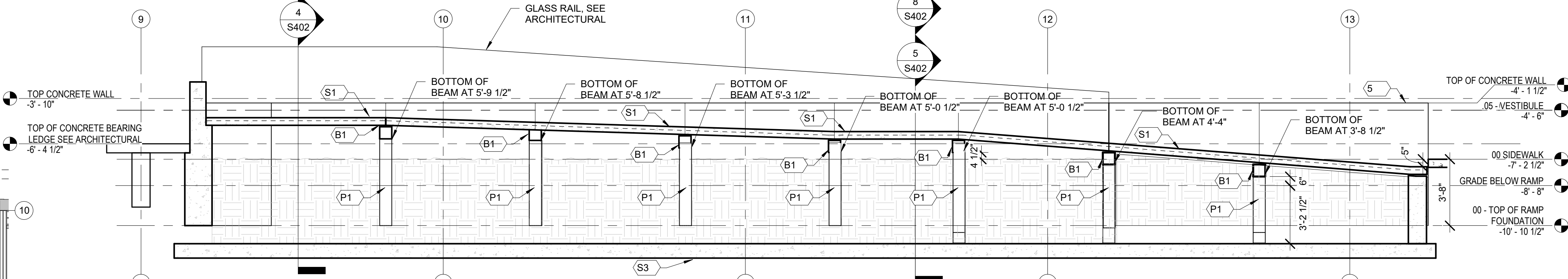
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3/4" = 1'-0"



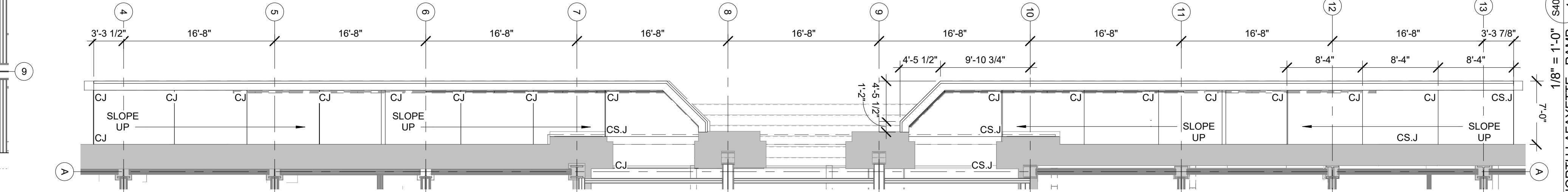
8 S402
1/2" = 1'-0"



7 S402
1" = 1'-0"



2 S402
1/4" = 1'-0"



1 S402
1/8" = 1'-0"

- GENERAL NOTES:
1. COORDINATE TOP ELEVATION OF FOUNDATION WALL WITH ARCHITECTURAL
2. COORDINATE TOP ELEVATION OF FOUNDATION WALL BEARING LEDGE OF EXISTING SLAB IN FIELD
3. EXCEPTING METAL FORM DECK, REMOVE ALL TEMPORARY SHORING AND BRACING PRIOR TO FULL ENCLOSURE OF UNDERSLAB SPACE
4. METAL FORM DECK ALTERNATE: PROVIDE TEMPORARY WOOD FORM FOR SLAB AND BEAMS. SLAB TO BE 6" TOTAL IN THICKNESS WITH NO.4 BARS AT 12" O.C. ON BOTTOM LONGITUDINALLY WITH 1-1/2" CLEAR COVER, AND 4x4 W4.5xW4.5 WWF MESH ON TOP WITH 1-1/2" CLEAR COVER

SLAB SCHEDULE:
S1 - 6"
S3 - 12" MAT FOUNDATION O.C.

BEAM SCHEDULE:
B1 - 8x8 WITH (2) NO.4 BARS TOP & BOTTOM, WITH NO.3 STIRRUPS

PIER SCHEDULE:
P1 - 8x4 WITH REINFORCING AND TIES
P2 - 8" DIAMETER WITH REINFORCING AND TIES

CONCRETE CLEAR COVER:
BEAMS, SLABS, & PIERS = 1.5"
MAT FOUNDATION = 3"
DEVELOPMENT LENGTH:
3x3 W3.5xW3.5 = 6"
4x4 W4.5xW4.5 = 6"
NO.4 BARS = 18"
NO.5 BARS = 24"
LAP LENGTH:
3x3 W3.5xW3.5 = 9"
4x4 W4.5xW4.5 = 9"
NO.4 BARS = 24"
NO.5 BARS = 29"

ABBREVIATIONS:
CJ CONTROL JOINT
CS.J CONSTRUCTION JOINT
EF EACH FACE
EW EACH WAY
OC ON CENTER

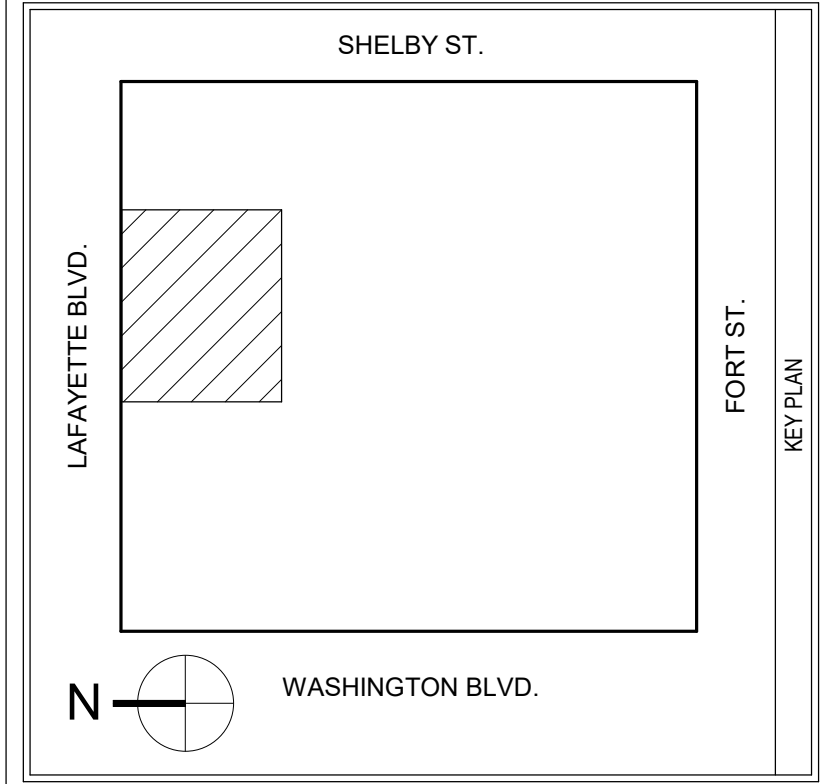


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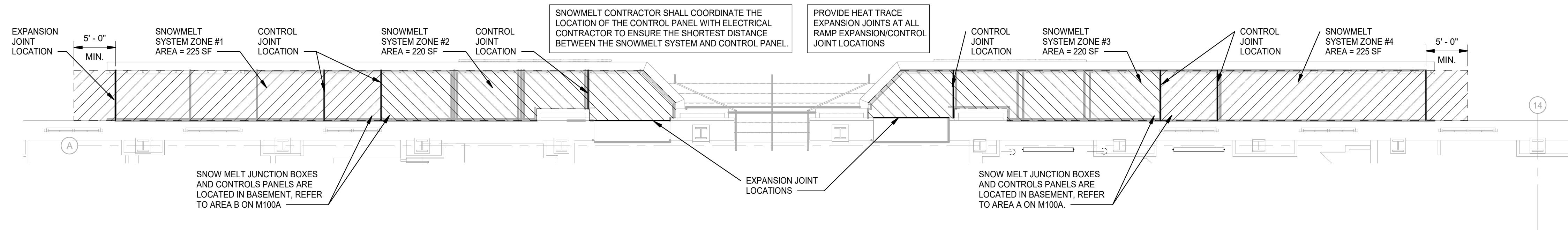
FORBES ASSOCIATES ARCHITECTS logo and contact information: 816 E 4th St, Royal Oak, MI 48067.

WJE ENGINEERS ARCHITECTS MATERIALS SCIENTISTS logo and contact information: 30700 Telegraph Road, Suite 3580, Bingham Farms, Michigan 48025.

Professional seal for Scott W. Goodsell, Architect, State of Michigan, License No. 1301047864.

GSA General Services Administration Public Buildings Service Great Lakes logo and address: 230 South Dearborn St, Room 3500, Chicago, IL 60604.

Project metadata table including building name (Theodore Levin U.S. Courthouse), address, project title (Capital Security Project), and sheet number (S402).



FIRST FLOOR - EXTERIOR RAMP MECHANICAL PLAN
 SCALE: 1/8" = 1'-0"

SHEET METAL GENERAL NOTES:

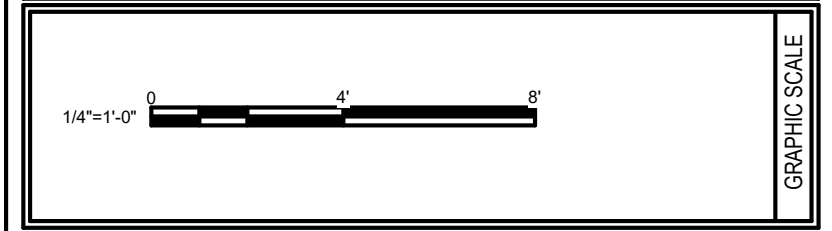
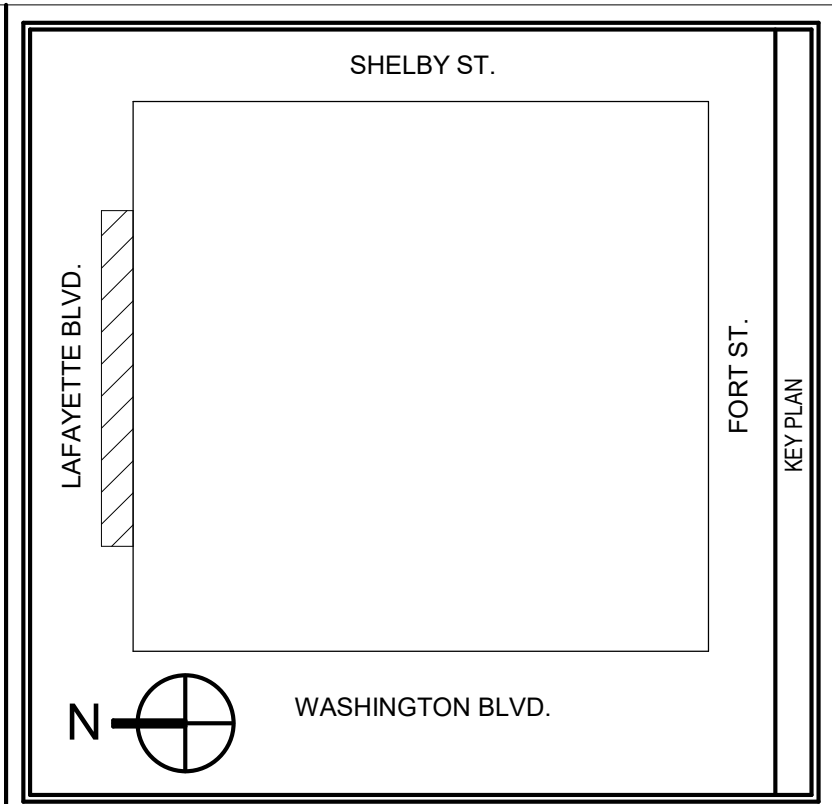
- THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
- INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
- PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
- COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
- PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONED LOCATION OF GRILLES, REGISTERS, AND DIFFUSERS.
- REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.

HVAC PIPING GENERAL NOTES:

- THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
- INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
- PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
- COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
- PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
- SUBMIT PROPOSED METHODS OF ANCHORING AND GUIDING PIPING SYSTEMS TO STRUCTURAL ENGINEER FOR APPROVAL.
- COORDINATE LOCATION OF DUCT-MOUNTED HYDRONIC DEVICES WITH SHEET METAL TRADES.
- BRANCH PIPING SERVING TERMINAL UNIT HEATING COILS OR RADIANT CEILING PANELS SHALL BE 3/4" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING MORE THAN ONE TERMINAL UNIT HEATING COIL SHALL BE 1" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING HOT WATER UNIT HEATERS AND CABINET UNIT HEATERS SHALL BE 1" UNLESS OTHERWISE NOTED.
- REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.

CONSTRUCTION KEYED NOTES:

- PROVIDE DUCT MOUNTED MAN BARS AT WALL PENETRATION. REFER TO RETURN/SUPPLY AIR DUCT PENETRATION AND HVAC DUCT MANBAR ELEVATION ON M603.
- SLAB SENSOR FOR SNOWMELT SYSTEM, COORDINATE LOCATION WITH SNOWWICE SENSOR AND INSTALL PER MANUFACTURERS GUIDELINES.
- SNOWWICE SENSOR COORDINATION LOCATION WITH SLAB SENSOR. INSTALL SENSOR PER MANUFACTURERS GUIDELINES.
- ROUTE 3 CONDUCTOR, 18 GA WIRE FROM APC-4C IN AREA B TO SC-40 CONTROLLER IN AREA A.
- ROUTE 3 CONDUCTOR, 18 GA WIRE FROM APC-4C IN AREA B OF BASEMENT TO AERIAL SNOW SENSOR ON 3RD FLOOR MECHANICAL ROOM ROOF, REFER TO M103.

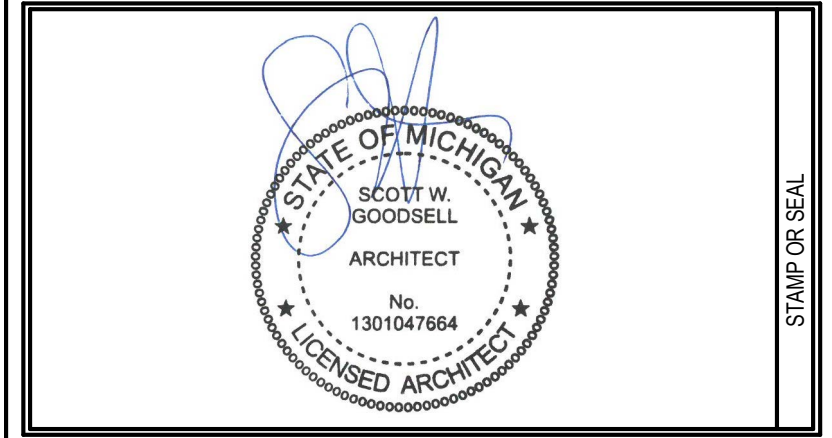


MARK	DATE	DESCRIPTION

A/E CONTRACT NO.	47PF0019D0019
DELIVER ORDER NO.	47PF0021F0822
CONST. CONTRACT NO.	

FORBES ASSOCIATES ARCHITECTS
 816 E 4th St.
 Royal Oak, MI 48067
 248.542.7866/www.gfaa.com

PBA
Peter Basso Associates Inc
 CONSULTING ENGINEERS
 5145 Livernois, Suite 300
 Troy, Michigan 48068-3276
 Tel: 248-879-5666
 Fax: 248-879-0007
 www.PeterBassoAssociates.com
 PBA Project No.: 2021-0206

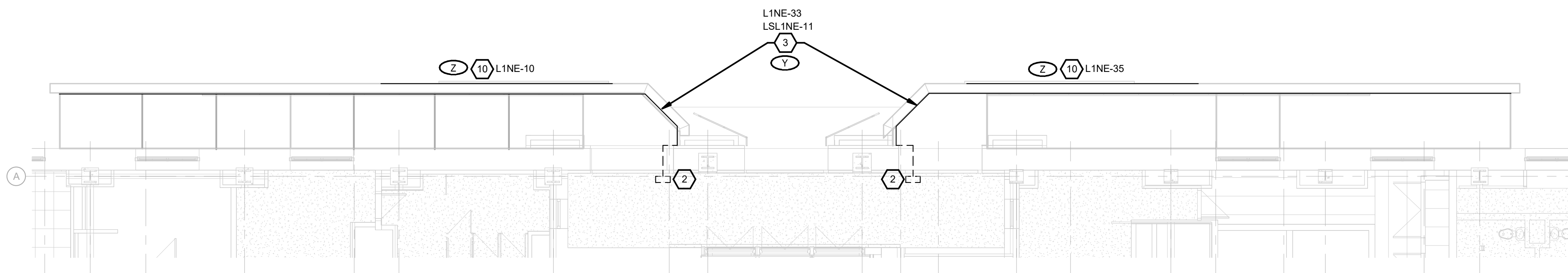


GSA General Services Administration
 Public Buildings Service
 Great Lakes
 Customer Projects Service Center
 John C. Kluczynski Federal Building
 230 South Dearborn St.
 Room 3500
 Chicago, IL 60604

BUILDING NAME	THEODORE LEVIN U.S. COURTHOUSE
ADDRESS	231 WEST LAFAYETTE
CITY, STATE, ZIP	Detroit, Michigan 48226
BUILDING NO.	M10029ZZ

PROJECT TITLE	CAPITAL SECURITY PROJECT
GSA PROJECT NO.	VM00051
SUBMISSION STAGE	
SUBMISSION DATE	12/09/2022

DRAWN BY	RLT
CHECKED BY	DC
FLOOR NO.	FIRST FLOOR
DISCIPLINE	MECHANICAL
PLAN TYPE	FLOOR PLAN
SHEET NUMBER AND FILENAME	M101C



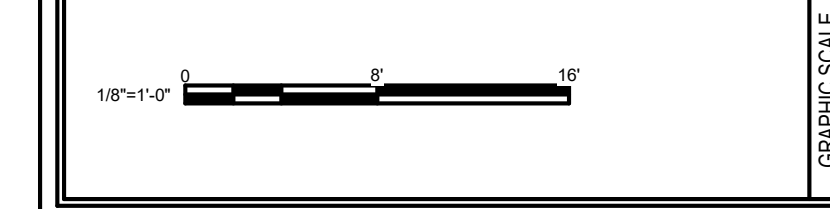
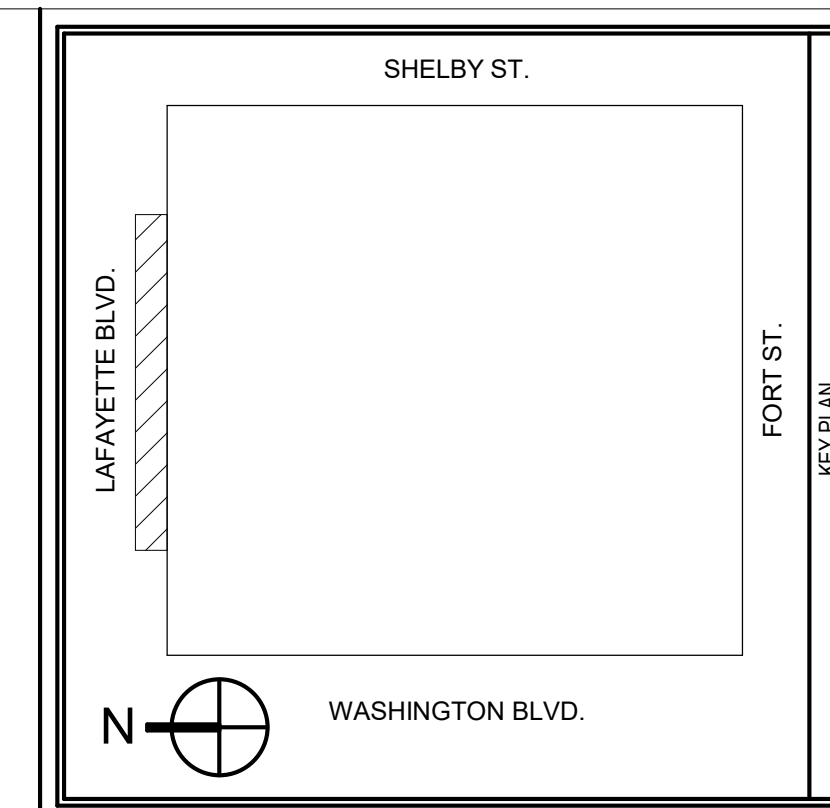
FIRST FLOOR - EXTERIOR RAMP LIGHTING PLAN
SCALE: 1/8" = 1'-0"

LIGHTING GENERAL NOTES:

- 1 THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS, BUT ARE NOT TO BE CONSIDERED FABRICATION DRAWINGS. COORDINATE WITH OTHER TRADES, AND PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS, AND OFFSETS.
- 2 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
- 3 COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.
- 4 CIRCUIT EXIT LIGHT FIXTURES TO ADJACENT NORMAL POWER CIRCUIT IN AREA SERVED.
- 5 REFER TO DEMOLITION PLANS FOR AREAS OF NEW WORK ASSOCIATED WITH CEILING REMOVAL AND REPLACEMENT.
- 6 WHERE APPLICABLE, EXISTING CONDUIT AND CIRCUITING TO BE REUSED FOR NEW LIGHT FIXTURES.
- 7 WHEN NECESSARY TO ACCOMMODATE FIXTURE ACCORDING TO MANUFACTURER'S INSTALLATION INSTRUCTIONS, CEILING PATCHING SHALL BE PERFORMED TO MATCH ADJACENT UNDISTURBED CEILING.
- 8 REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED FIRE ALARM CONTROL MODULES, DUCT SMOKE DETECTORS, AND MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.
- 9 THE FIRE ALARM DEVICES SHOWN ON PLAN ARE A PARTIAL REPRESENTATION OF THE FIRE ALARM SYSTEM. PROVIDE THE DESIGN AND INSTALLATION OF A COMPLETE AND FUNCTIONAL FIRE ALARM SYSTEM IN ACCORDANCE WITH THE SPECIFICATIONS, DRAWINGS, AND ALL APPLICABLE CODES. THE FIRE ALARM VENDOR SHALL PROVIDE LAYOUT DRAWINGS INDICATING THE REQUIRED QUANTITIES AND LOCATIONS OF MANUAL PULL STATIONS, NOTIFICATION APPLIANCES, SMOKE AND HEAT DETECTORS, CONTROL MODULES, INTERFACE MODULES, MODULES FOR SPRINKLER FLOW AND TAMPER SWITCHES, ALL CONTROL PANELS, POWER SUPPLIES, AND ADDITIONAL DEVICES AND EQUIPMENT REQUIRED. COORDINATE LOCATIONS OF DEVICES WITH ARCHITECTURAL FINISHES AND REFLECTED CEILING PLANS, INCLUDING ADDITIONAL SMOKE AND HEAT DETECTORS REQUIRED FOR NON-SMOOTH CEILING APPLICATIONS. INCLUDE ALLOWANCES FOR ADJUSTMENT OF DEVICES BY THE ARCHITECT AT THE TIME OF SUBMITTAL TO COORDINATE WITH BUILDING FINISHES AND OTHER CEILING ELEMENTS.
- 10 REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.
- 11 ALL FIRE ALARM DEVICES SHALL BE COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM. PROVIDE NECESSARY COMPONENTS, MODULES, ETC. AS REQUIRED FOR A FULLY FUNCTIONAL SYSTEM. RE-TEST AND CERTIFY EXISTING FIRE ALARM SYSTEM AT COMPLETION OF PROJECT.

CONSTRUCTION KEYED NOTES:

- 1 NOT USED.
- 2 PROVIDE (1) MOLDED POLYCARBONATE ENCLOSURE FOR EACH LIGHTED RAIL TO HOUSE 2 DRIVERS REQUIRED FOR RAIL LIGHTING. LOCATE IN BASEMENT WITHIN 29' OF RAIL CONNECTION POINT. PROVIDE 16AWG WIRE GAUGE. CONCEAL CONDUIT WITHIN RAMP AND STUB UP AT POLE CONNECTION. PROVIDE INSTALLATION SHOP DRAWINGS OF HANDRAIL FOR REVIEW.
- 3 LIGHTED HANDRAIL FIXTURE TYPE L9. COORDINATE EXACT LOCATIONS AND HEIGHTS WITH ARCHITECTURAL ELEVATIONS. PROVIDE INSTALLATION SHOP DRAWINGS OF HANDRAIL FOR REVIEW.
- 4 REPLACE COVE LIGHTING IN COVE ABOVE WITH FIXTURE TYPE L4 TAPE LIGHT. VERIFY EXACT LENGTHS REQUIRED IN FIELD.
- 5 EMERGENCY LIGHTING NOTATED WITH E SUFFIX. EMERGENCY LIGHTING TO BE CIRCUITED TO EXISTING AREA EMERGENCY LIGHTING CIRCUIT. VERIFY IN FIELD.
- 6 ALL LIGHTING IN PRISONER AREAS SHALL BE CONTROLLED FROM COMMAND AND CONTROL CENTER. CONTROLS TO BE MANUAL ON/OFF. CIRCUIT NEW FIXTURES TO INDICATED NORMAL CIRCUIT. ALL LIGHTING IN PRISONER AREAS SHALL INCLUDE INTEGRAL EMERGENCY BATTERY BACKUP.
- 7 COORDINATE PLACEMENT OF L10E FIXTURES WITH EXISTING AND NEW PIPING, DUCTWORK, STRUCTURE, AND CONDUIT AS REQUIRED. MAINTAIN FOOTCANDLE LEVEL OF 46 THROUGHOUT SALLYPORT AREA.
- 8 CONNECT NEW LIGHTING FIXTURES TO EXISTING LIGHTING BRANCH CIRCUIT.
- 9 CENTER TYPE L11 FIXTURE WITHIN SLANTED CEILING. AIM FIXTURE IN FIELD TO OPTIMAL ANGLE TO LIGHT LIFT BELOW.
- 10 LIGHTED SIGNAGE. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS. PROVIDE TYPE L13 FIXTURE TYPE ON BOTH TOP AND BOTTOM OF SIGN. CONDUIT AND WRING TO BE ROUTED UNDER RAMP AND TO ACCESS PANEL LOCATED AT RAMP WALL BEHIND SIGNAGE. PROVIDE INSTALLATION SHOP DRAWINGS OF LIGHTED SIGNAGE FOR REVIEW.



MARK	DATE	DESCRIPTION

AE CONTRACT NO.	47PF0019D0019
DELIVER ORDER NO.	47PF0021F0822
CONST. CONTRACT NO.	

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PBA Project No.: 2021-0206

GSA General Services Administration
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CITY, STATE, ZIP	Detroit, Michigan 48226
BUILDING NO.	M10029ZZ

PROJECT TITLE	CAPITAL SECURITY
GSA PROJECT NO.	VM100051
SUBMISSION STAGE	
SUBMISSION DATE	12/09/2022

DRAWN BY	SMB
CHECKED BY	EMG
FLOOR NO.	FIRST FLOOR
DISCIPLINE	ELECTRICAL
PLAN TYPE	CEILING PLAN
SHEET NUMBER AND FILENAME	L104