May 7, 2024

ADDENDUM NUMBER TWO (2)

Project: Health Sciences Complex (Rankin Campus)
Hinds Community College
Pearl, MS
HCC Bid #3298
PN: 21041

FROM: Dean Architecture, P.A.
661 Sunnybrook Road, Suite 140
Ridgeland, MS 39157
(601) 939-7717

The following additions, changes, clarifications and/or substitutions to the Project Drawings and Project Manual as indicated, are hereby made a part of the Contract Documents. Acknowledge receipt of this Addendum by inserting its number and date in the Proposal Form where indicated.

General:

Item #1: Attached is the sign in sheet for the Pre-Bid Conference attendees. This is provided for informational purposes only.

Item #2: Corner Guards specified in Section 102630 are only required at locations shown on floor plans denoted "CG".

Refer to Drawings:

Item #1: Sheet A110, Overall Roof Plan, as follows:

Remove existing sheet and replace with revised sheet A110 dated 5/7/2024.
Corrected note at West entry roof and added roof expansion joint details.

Item #2: Sheet A204 – Exterior Elevations

Remove existing sheet and replace with revised sheet A204 dated 5/7/2024. Added partial elevations and mock-up wall plans and details.

Item #3: Sheet A900 – Finish Legend - Modify item as follows:
WT-3 – Change size description to read 15" x 48" in lieu of 12" x 24".

CIVIL

SEE ATTACHED CIVIL ITEMS PROVIDED BY McMASTER & ASSOCIATES INC.

STRUCTURAL

SEE ATTACHED STRUCTURAL ITEMS PROVIDED BY SPENCER ENGINEERS

MECHANICAL

SEE ATTACHED MECHANICAL ITEMS PROVIDED BY ERG

ELECTRICAL

SEE ATTACHED ELECTRICAL ITEMS PROVIDED BY THE POWER SOURCE

END OF ADDENDUM NUMBER TWO (2)

Dean Architecture, P.A.

Kenneth A. Oubre, AIA, Principal

PLEASE ATTACH THIS ADDENDUM TO THE INSIDE FRONT COVER OF EACH SET OF SPECIFICATIONS.

PRE-BID MEETING ATTENDEES

PROJECT NAME	PN	DATE
Health Sciences Complex – Building Package (Rankin Campus) Hinds Community College, Pearl, MS	HCC – 3298 DA – 21041	May 1, 2024

Name/Title	Entity	Telephone	E-Mail
Andy McCrory - LA	McCrory & Assoc	601.906.9477	andy@mccrorydesigns.[illegible]
Chuck Smith	Mid-Western Roofers	601-260-0129	cs51460@aol.com
Tammy Wood HCC	—	601 857-3836	tammy.wood@hindscc.edu
Cindy Freeman HCC	—	601-857-3204	~~cfree~~ cindy.freeman@hindscc.edu
Jonathan Henry	McMaster & Assoc.	601-605-1090	jonathan@mcmastereng.com
Kohl Bailey	McMaster & Assoc.	"	" kohl@mcmastereng.com
Kip Clark	Codaray Const.	601-540-6102	kip.clark@codaray.com
Chris Green	TPS	601-540-0808	cgreen@thepowersource.us
Justin Gordon	Thrash	601.259.8550	jgordon@thrashco.com
Alvin Willey	Thrash	601-278-4748	awilley@thrashco.com
Derick Perry	Thrash	601-813-7878	dperry@thrashco.com
Steven Tillery	Steel Service	601-238-4974	stillery@steelservice.com
Herbert Hudson	HR Squared LLC	601-813-[illegible]	hudsonhr2@gmail.com
Jamie Fountain	Fountain Construction	601-405-7940	estimating@fountainconstruction.com
R. Lee Kittrell	Flagstar Construction	601-824-4646	lee@flagstarconstruction.com
Frank Allen	RS Electric	601 624 2696	Frank@RSElectricMS.com
[illegible]	HCC	601/383-0960	[illegible]@hindscc.edu
Brad Chaney	Codaray Const.	601-826-0360	brad.chaney@codaray.com

DEAN ARCHITECTURE
GEDDIE | GRANT | OUBRE

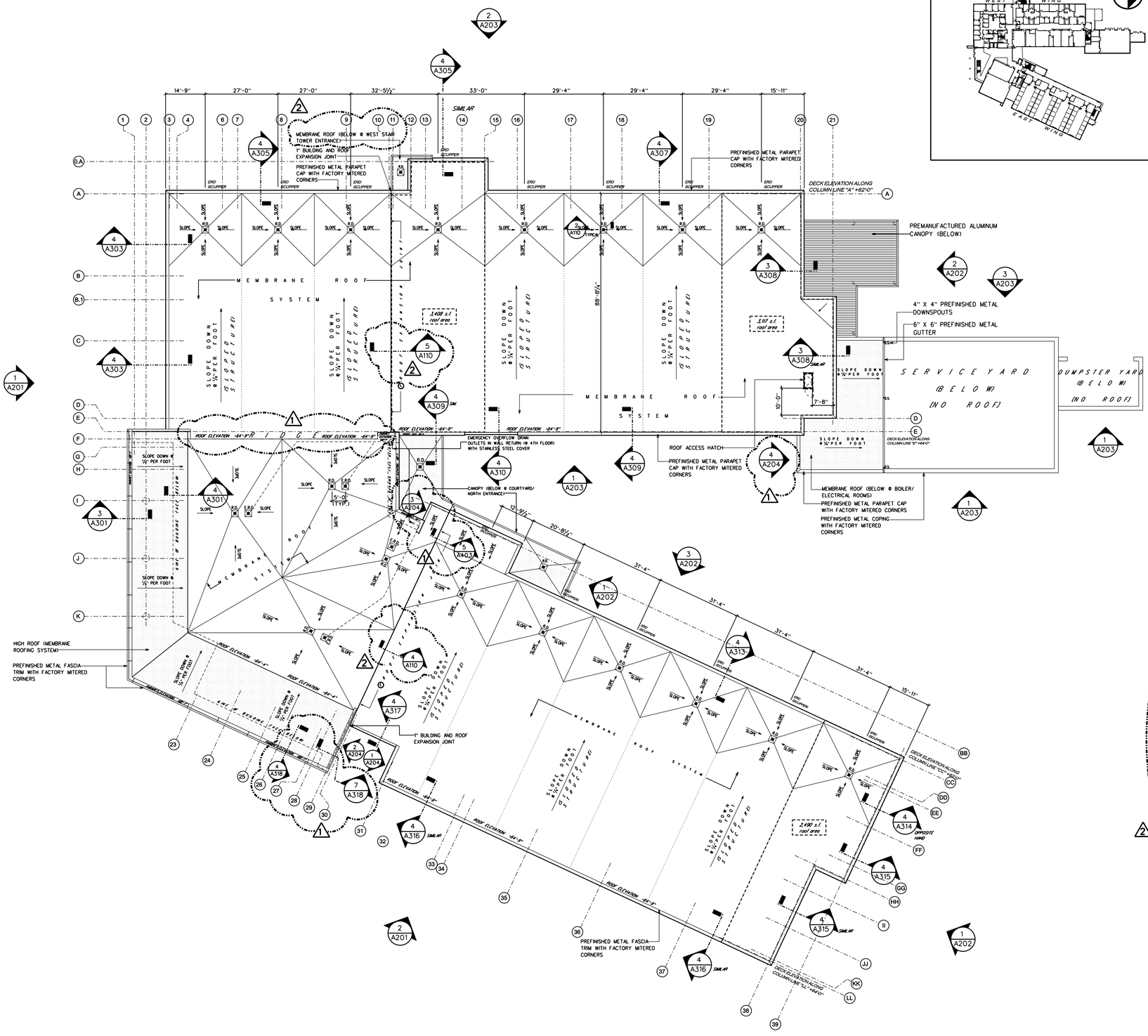
661 Sunnybrook Rd, Ste 140
Ridgeland, MS 39157 | 601.939.7717

PRE-BID MEETING ATTENDEES

PROJECT NAME		PN	DATE
Health Sciences Complex - Building Package (Rankin Campus) Hinds Community College, Pearl, MS		HCC - 3298 DA - 21041	May 1, 2024
Name/Title	**Entity**	**Telephone**	**E-Mail**
Chris Craddock	Thrash	601-717-3593	ccraddock@thrashco.com
LEE DODD	HCC	601-573-6899	Lee.Dodd@Hinds cc.edu
KENNY OUBRE	DEAN ARCH.	601-939-7717	KOUBRE@DEANDEAN.COM
BRAD HEATH	DEAN	601.939.7717	bheath@deandean.com
AUSTIN HUDSON	MIDSTATE		ahudson@msconst.com
JASON CREWS	MIDSTATE		jcrews@msconst.com

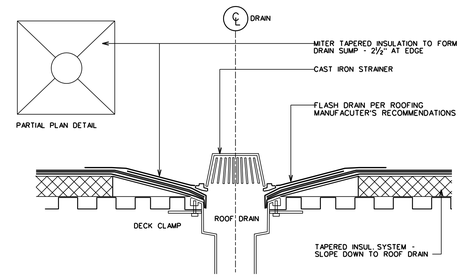
DEAN ARCHITECTURE
GEDDIE | GRANT | OUBRE

661 Sunnybrook Rd, Ste 140
Ridgeland, MS 39157 | 601.939.7717

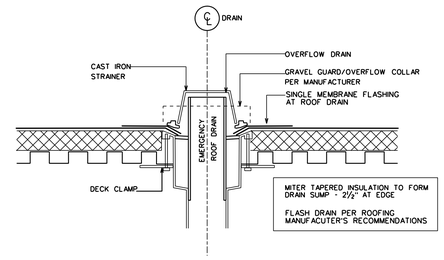


1 OVERALL ROOF PLAN
A110 SCALE : 1/16" = 1'-0"

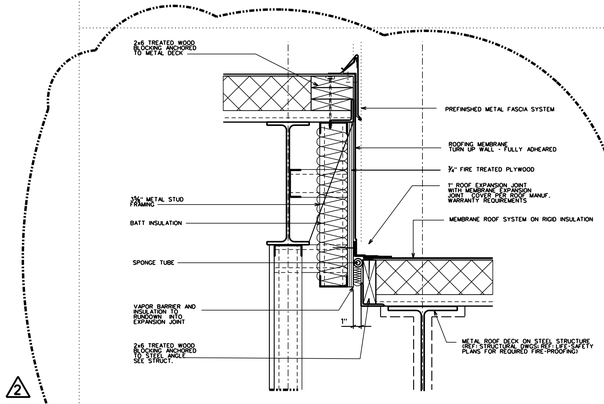
BUILDING KEY PLAN



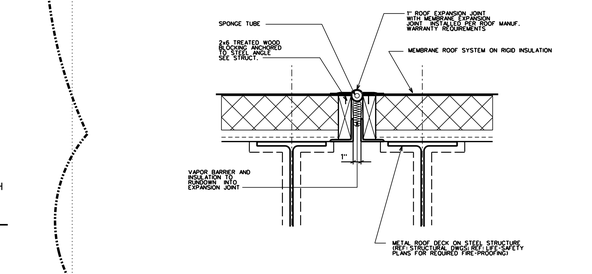
2 A110 ROOF DRAIN DETAIL
SCALE : 1½" = 1'-0"



3 A110 OVERFLOW/ EMERGENCY ROOF DRAIN DETAIL
SCALE : 1½" = 1'-0"



4 A110 EXPANSION JOINT DETAIL
SCALE : 1½" = 1'-0"



5 A110 EXPANSION JOINT DETAIL
SCALE : 1½" = 1'-0"

DEAN ARCHITECTURE
GEDDIE | GRANT | OUBRE
661 Sunnybrook, Ste 140
Ridgeland, MS 39157
601.939.7717
deandean.com

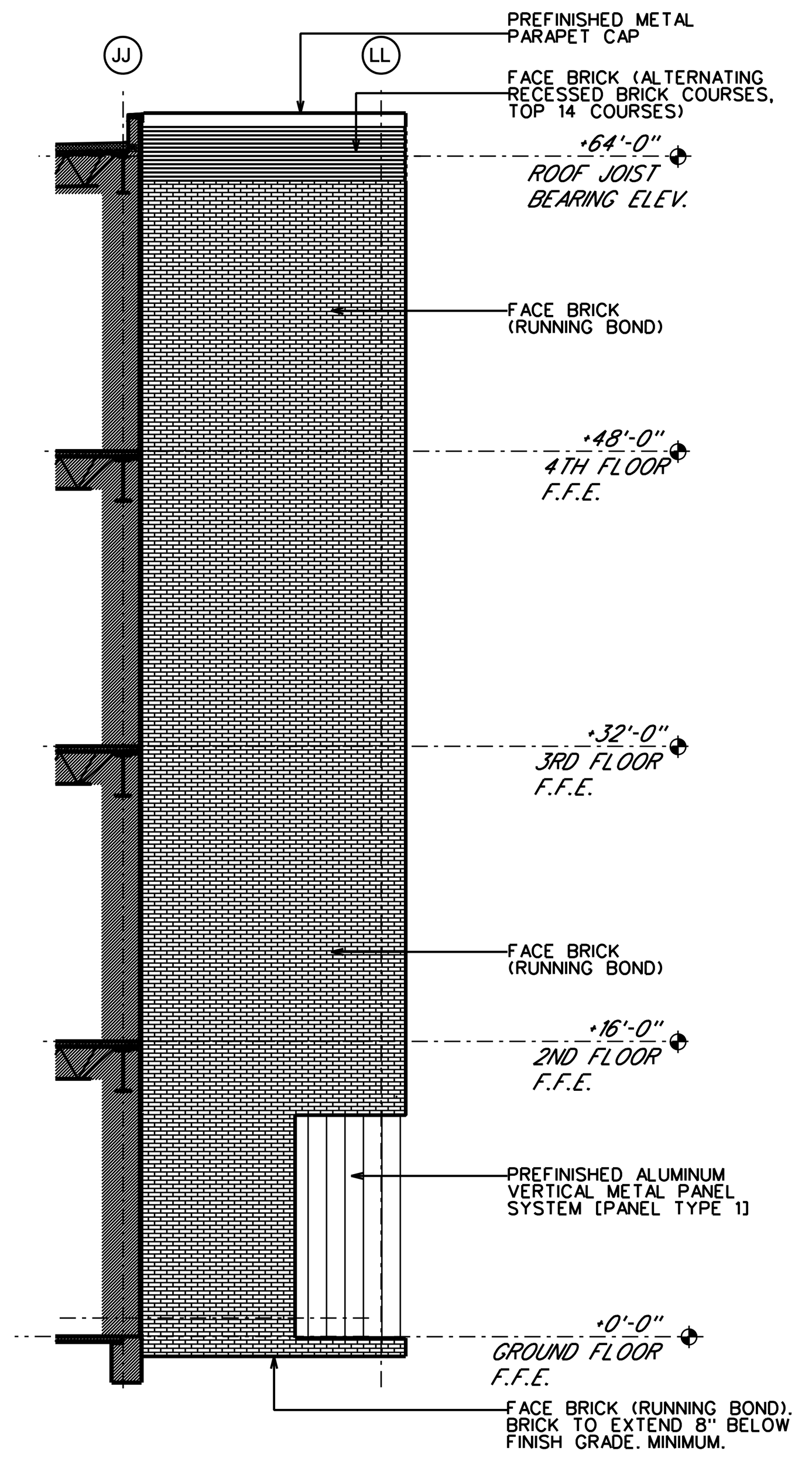
REGISTERED ARCHITECT Kenneth Allen Oubre 3850 JACKSON, MS STATE OF MISSISSIPPI
5/7/2024
CONSTRUCTION DOCUMENTS

Project No. : 21041
Date: APRIL 11, 2024
Drawn: FBH, JMD, MMH
Checked: KAO
Revisions: 1 APRIL 23, 2024 - ADDENDUM #1; 2 MAY 7, 2024 - ADDENDUM #2

HEALTH SCIENCES COMPLEX
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

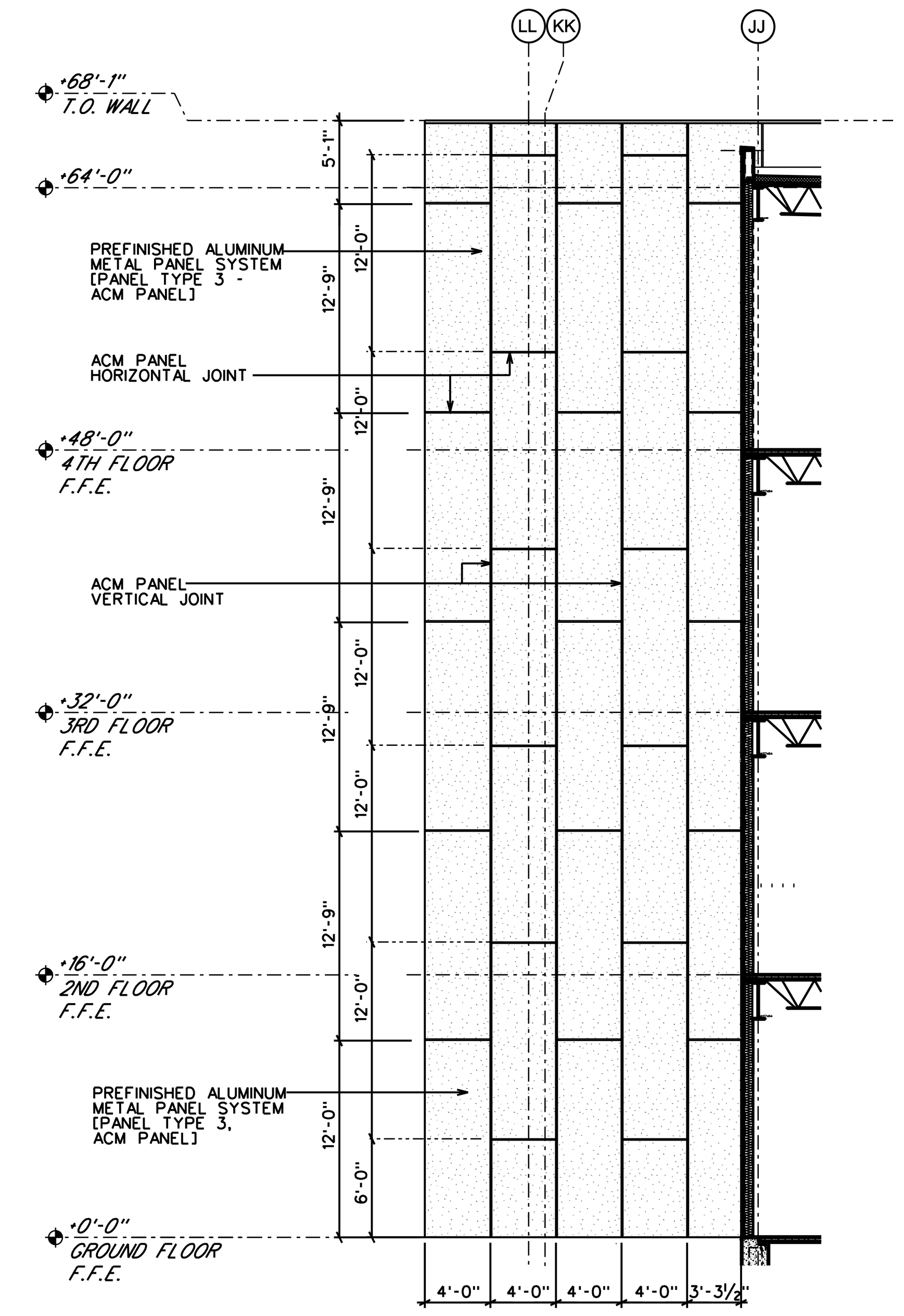
Sheet Number:
A110
OVERALL ROOF PLAN

HEALTH SCIENCES COMPLEX
PEARL, MS
DEAN ARCHITECTS (HS 2304)



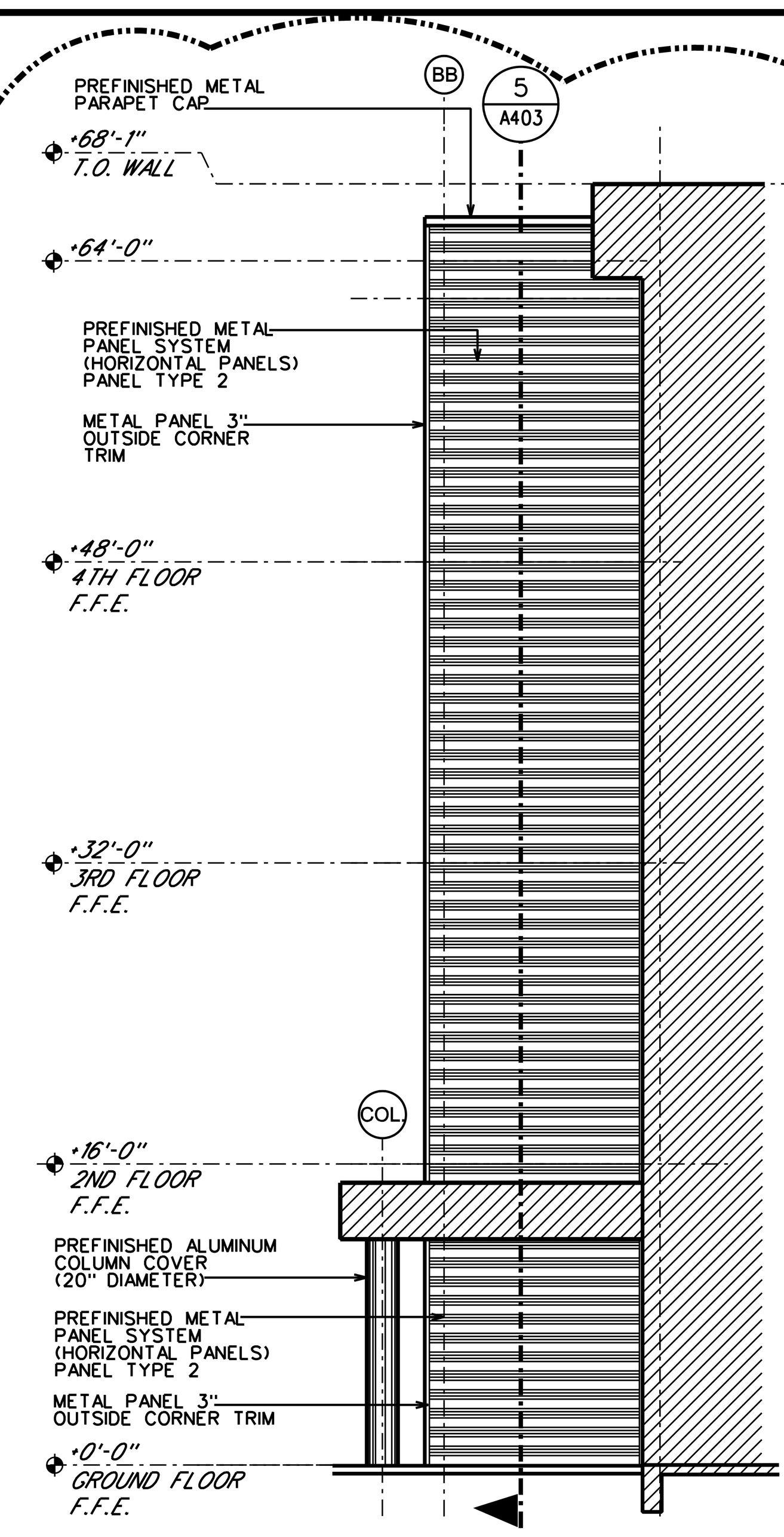
1 A204 SOUTH ELEVATION (EAST WING) [ALONG COLUMN LINE 31]

SCALE : 1/8 " = 1'-0"



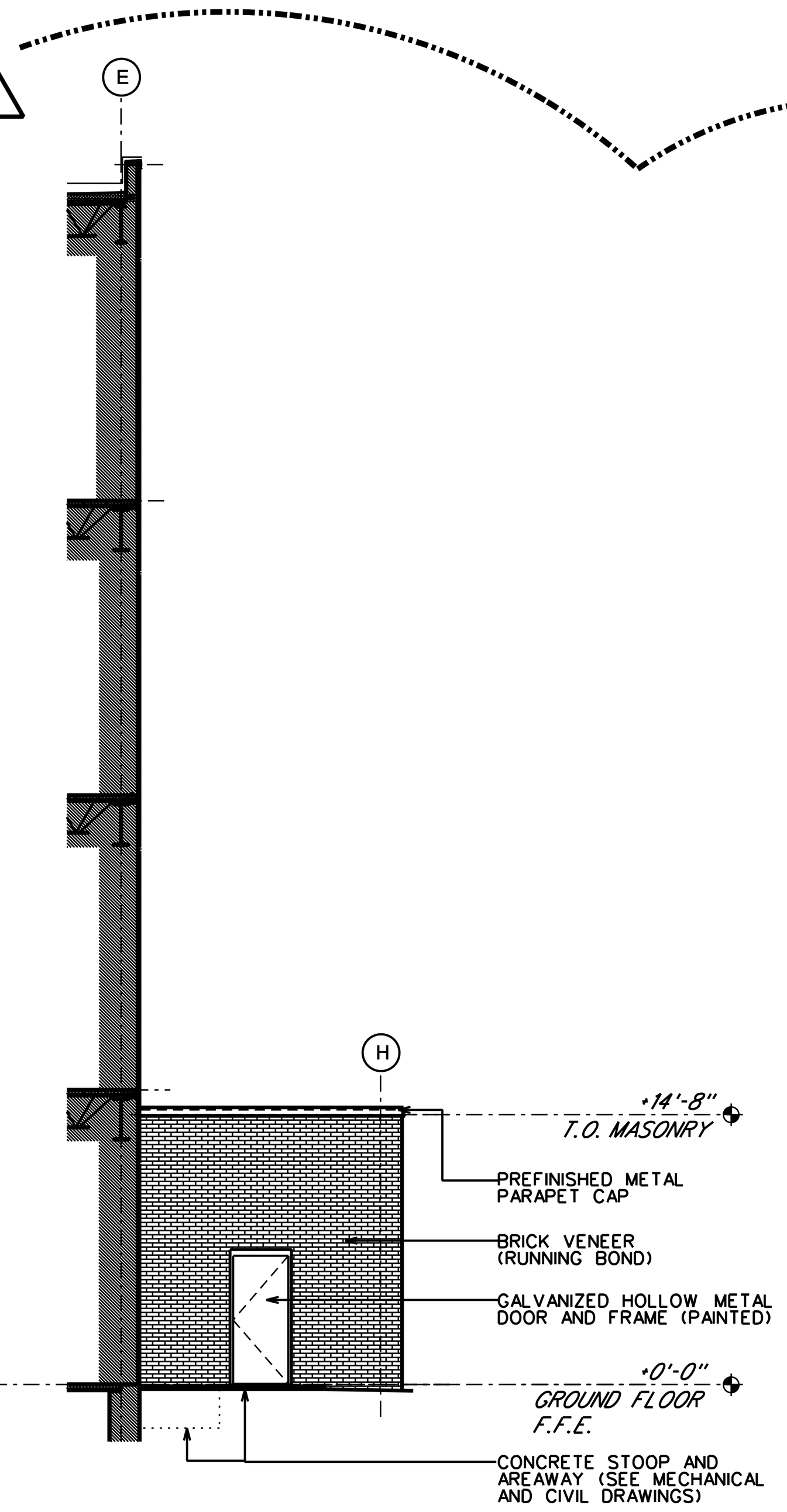
2 A204 'WING WALL' NORTH ELEVATION [ALONG COLUMN LINE 30]

SCALE : 1/8 " = 1'-0"



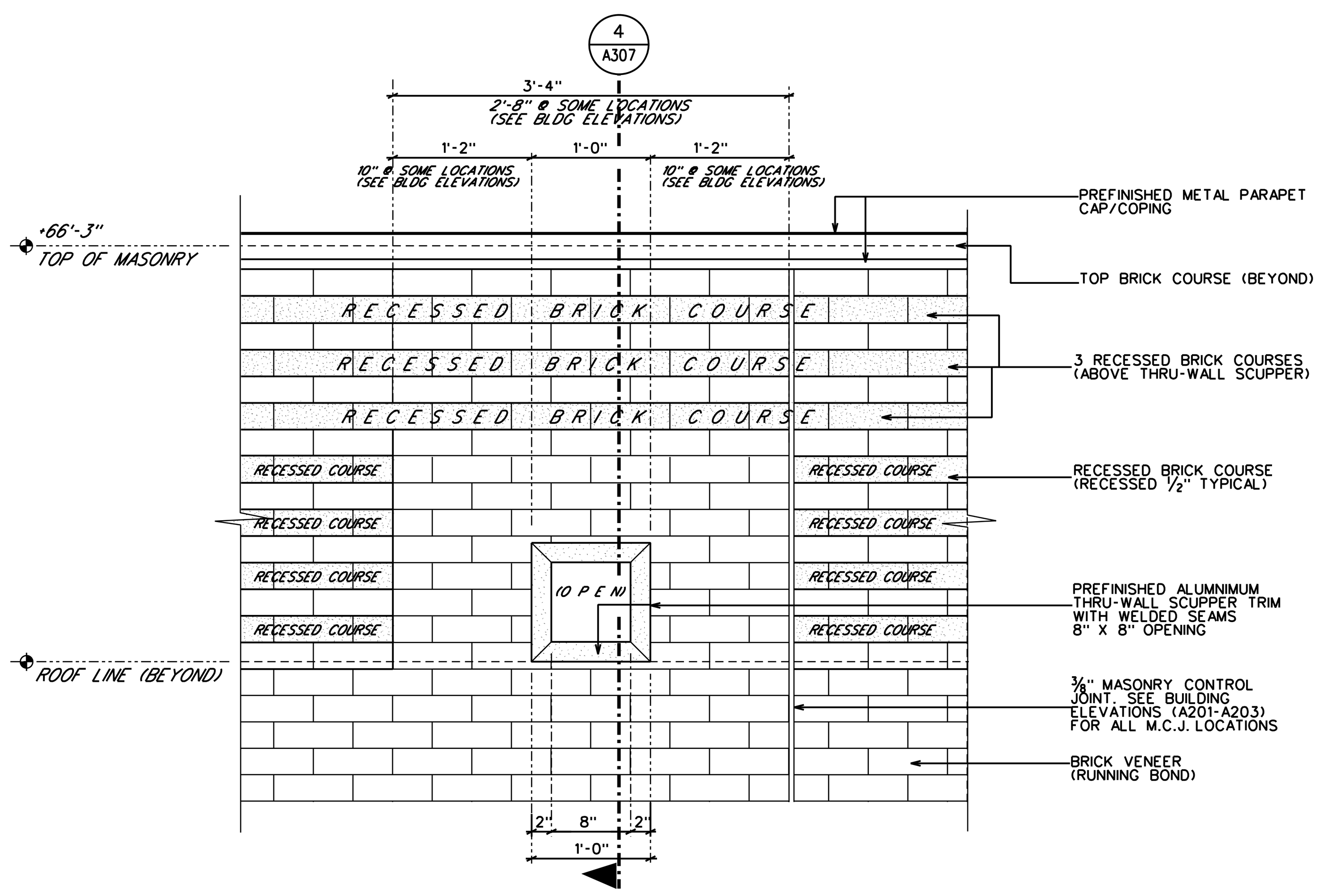
3 A204 SOUTH ELEVATION (STAIR TOWER #3)

SCALE : 1/8 " = 1'-0"



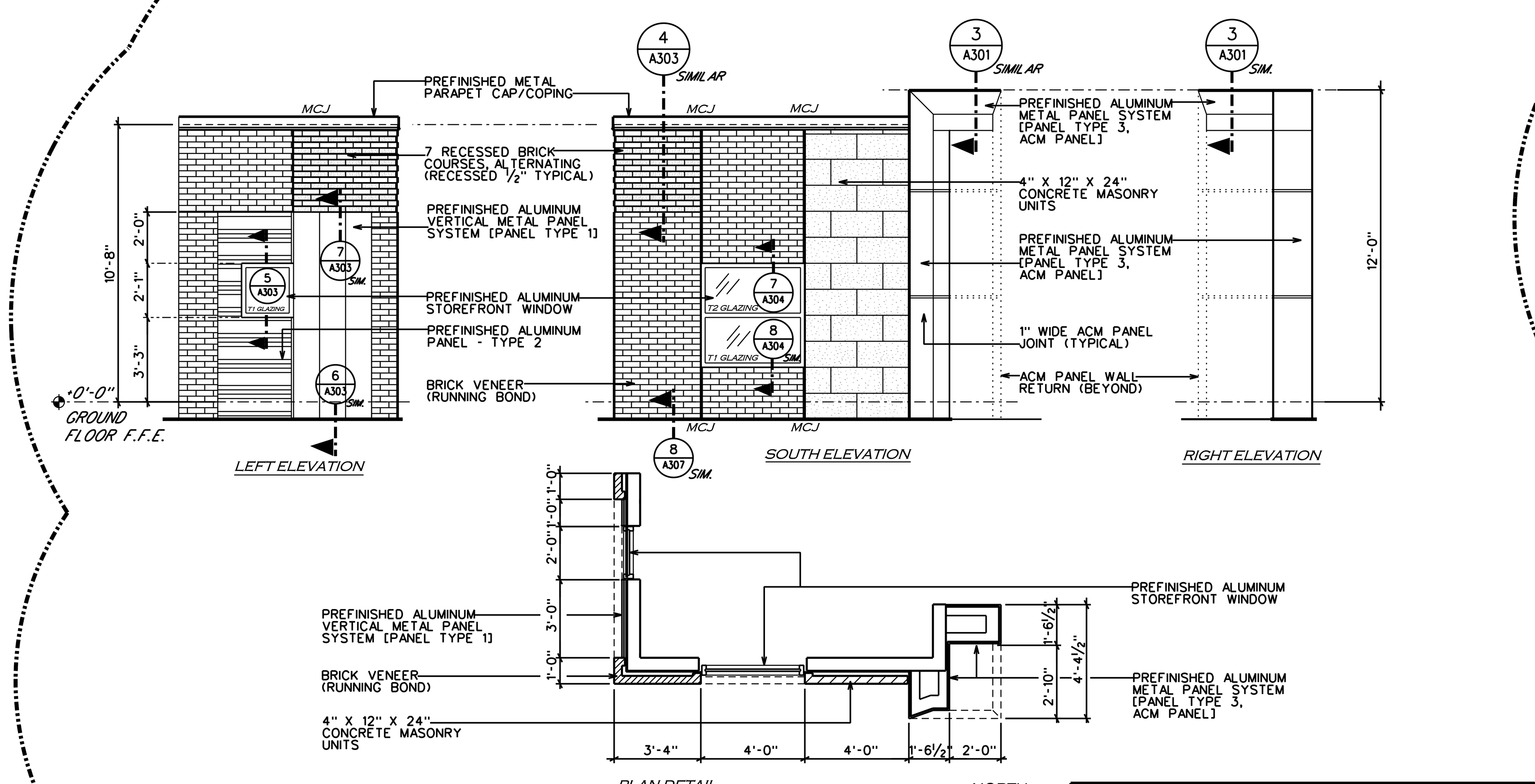
4 A204 SOUTH ELEVATION (MECHANICAL ROOM)

SCALE : 1/8 " = 1'-0"



5 A204 ENLARGED OVERFLOW THRU-WALL SCUPPER ELEVATION/LOCATION/BRICK DETAIL

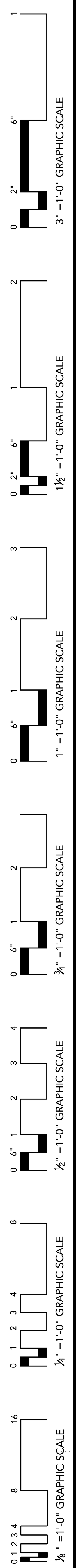
SCALE : 1" = 1'-0"



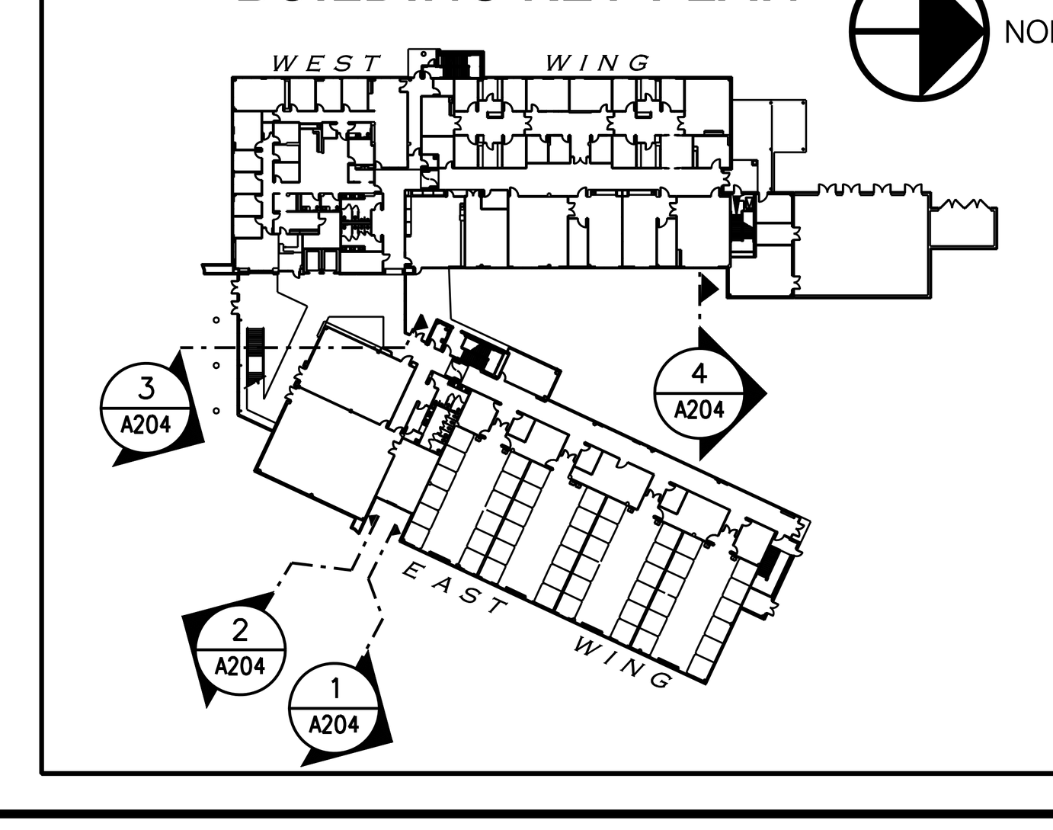
6 A204 MOCK-UP WALL

SCALE : 1/4" = 1'-0"

NOTE: MOCK-UP WALL NEEDS TO BE SET WITH MAIN SIDE FACING SOUTH. GC TO SELECT A LOCATION THAT WILL ALLOW THE MOCK-UP WALL TO REMAIN IN PLACE UNTIL BUILDING CONSTRUCTION IS COMPLETE.



BUILDING KEY PLAN



DEAN ARCHITECTURE
GEDDIE | GRANT | OUBRE

661 Sunnybrook, Ste 140
Ridgeland, MS 39157
601.939.7717
deandean.com

REGISTERED ARCHITECT Kenneth Allen Oubre 3850 JACKSON, MS STATE OF MISSISSIPPI
5/7/2024

CONSTRUCTION DOCUMENTS

Project No.: 21041
Date: APRIL 11, 2024
Drawn: FBH, JMD, MMH
Checked: KAO
Revisions: 1 MAY 7, 2024 - ADDENDUM #2

HEALTH SCIENCES COMPLEX
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
A204
EXTERIOR ELEVATIONS

HEALTH SCIENCES COMPLEX PEARL, MS DEAN ARCH PN 21041

McMASTER & ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS

May 7, 2024

ADDENDUM NO. TWO (2) – CIVIL ENGINEERING ITEMS
Health Sciences Complex
(Rankin Campus) Hinds Community College
(Community College Board)
Pearl, Mississippi

The following changes and clarifications are hereby made a part of and take precedence over conflicting sections of the Drawings and Specifications.

CIVIL - GENERAL INFORMATION AND CLARIFICATIONS:

1.1 Item #1 – For striping material clarifications. See note #17 on sheet C1.1 Site Plan.

CIVIL – PERTAINING TO THE SPECIFICATIONS:

1.2 None.

CIVIL – PERTAINING TO THE DRAWINGS:

1.3 Item #1 – Revised sheet C0.1 General Notes. See attached.

1.4 Item #2 – Revised sheet C2.2 Grading and Drainage. See attached.

1.5 Item #3 – Revised sheet C5.1 Miscellaneous Details. See attached.

END OF CIVL ITEMS FOR ADDENDUM NO. TWO (2)

212 WATERFORD SQUARE | SUITE 300 | MADISON, MS 39110
PHONE: 601.605.1090 | FAX: 601.605.1091

DEMOLITION NOTES

1. DEMOLITION AND REMOVAL OPERATIONS SHALL COMMENCE ONLY AFTER ALL EROSION AND SEDIMENTATION CONTROL MEASURES ARE IN PLACE AND FUNCTIONAL.
2. PROVIDE NEAT AND STRAIGHT SAWCUTS OF EXISTING PAVEMENT ALONG ALL LIMITS OF PAVEMENT DEMOLITION.
3. ALL DEMOLISHED MATERIALS BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED. DISPOSE OF OFF THE OWNER'S PROPERTY IN A LEGAL MANNER.
4. ALL PAVEMENT, BASE COURSE, SIDEWALKS, CURBS, BUILDINGS, FOUNDATIONS, ETC., IN THE AREA TO BE REMOVED SHALL BE REMOVED TO FULL DEPTH. EXISTING BASE COURSE MATERIALS MAY BE WORKED INTO THE NEW PAVEMENT OR BUILDING SUBGRADE PROVIDED THAT THE GRADATION, CONSISTENCY, COMPACTION, SUBGRADE CONDITION, ETC., ARE IN ACCORDANCE WITH THE SPECIFICATIONS. BASE COURSE MATERIALS SHALL NOT BE WORKED INTO THE SUBGRADE OF AREAS TO RECEIVE PLANTING.
5. CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR EXECUTION OF THE WORK.
6. THE CONTRACTOR SHALL USE WATER SPRINKLING AND OTHER SUITABLE METHODS AS NECESSARY TO CONTROL DUST AND DIRT CAUSED BY THE DEMOLITION WORK.
7. ALL ITEMS OF CONSTRUCTION REMAINING AND NOT SPECIFICALLY MENTIONED THAT INTERFERE WITH THE NEW CONSTRUCTION SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.
8. CONTRACTOR SHALL PROVIDE PROTECTION TO ALL STREETS, FENCES, TREES, UTILITIES AND STRUCTURES THAT ARE TO REMAIN. CONTRACTOR–CAUSED DAMAGE SHALL BE REPAIRED TO MATCH AT NO ADDITIONAL COST TO THE OWNER.
9. CAVITIES LEFT BY STRUCTURE REMOVAL SHALL BE BACKFILLED WITH SATISFACTORY MATERIAL AND COMPACTED 98% OF MAXIMUM DENSITY PER ASTM D698 OR PER GEOTECHNICAL RECOMMENDATIONS IN THE DOCUMENTS.
10. CONTRACTOR SHALL LOCATE AND MARK ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK. COORDINATE WITH LOCAL UTILITY COMPANIES PRIOR TO UTILITY DISCONNECT.
11. NOTIFY LOCAL UTILITY LOCATOR SERVICE OF INTENDED DEMOLITION OPERATIONS. SEE GENERAL UTILITY NOTE #4.
12. EXISTING INFORMATION/TOPOGRAPHIC SURVEY WAS PREPARED BY MCMASTER & ASSOCIATES, INC.
13. PAVEMENT MARKINGS TO BE REMOVED SHALL BE PAINTED OVER TO MATCH PAVEMENT OR REMOVED WITH WIRE BRUSHINGS.
14. EXCEPT AS SHOWN, NO TREES SHALL BE REMOVED AND/OR VEGETATION DISTURBED WITHOUT APPROVAL OF THE ARCHITECT/ENGINEER.
15. TREE PROTECTION SHALL CONSIST OF THE FOLLOWING STEPS:
a. CONTRACTOR SHALL HIRE A LICENSED LANDSCAPE CONTRACTOR TO OVERSEE TREE PROTECTION.
b. PRIOR TO ANY GRADING OPERATIONS, LOCATE TREES TO BE PROTECTED AND NEATLY CUT ROOTS TO A DEPTH OF 30" AT THE DIMENSIONED LIMITS SHOWN USING A UTILITY TRENCHING MACHINE.
c. TREAT EXPOSED ROOTS WITH A HORTICULTURAL TREE PRUNING PROTECTION PRODUCT.
d. PRUNE TREE LIMBS BY THE SAME PROPORTIONAL PERCENTAGE AS TREE ROOTS REMOVED (I.E., 25% OF ROOTS REMOVED SHALL RESULT IN 25% OF TREE LIMBS REMOVED).
e. MAINTAIN THE EXISTING 6' CONSTRUCTION FENCE CURRENTLY IN PLACE.
f. BEGIN CLEARING AND GRADING OPERATIONS.

LAYOUT & PAVING NOTES

1. THE CONTRACTOR SHALL CHECK EXISTING GRADES, DIMENSIONS, AND INVERTS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER PRIOR TO BEGINNING WORK.
2. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES, INCLUDING IRRIGATION LINES, TAKE CARE TO PROTECT UTILITES THAT ARE TO REMAIN, AND REPAIR CONTRACTOR CAUSED DAMAGE ACCORDING TO CURRENT LOCAL STANDARDS, AND AT THE CONTRACTOR'S EXPENSE, COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY.
3. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL CODES, OBTAIN ALL PERMITS, AND PAY ALL FEES PRIOR TO BEGINNING WORK.
4. PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING PAVEMENT AND NEW PAVEMENT. FIELD ADJUSTMENT OF FINAL GRADES MAY BE NECESSARY. INSTALL ALL UTILITIES PRIOR TO INSTALLATION OF PAVEMENT.
5. THE CONTRACTOR SHALL PROTECT ALL TREES TO REMAIN, IN ACCORDANCE WITH THE SPECIFICATIONS DO NOT OPERATE OR STORE HEAVY EQUIPMENT, NOR HANDLE, NOR STORE MATERIALS WITHIN THE DRIP–LINES OF TREES OR OUTSIDE THE LIMIT OF GRADING.
6. CONCRETE WALKS AND PADS SHALL HAVE A BROOM FINISH. ALL CONCRETE SHALL BE 4,000 P.S.I. UNLESS OTHERWISE NOTED. CURB RAMPS, SIDEWALK SLOPES, AND DRIVEWAY RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL CURRENT LOCAL REQUIREMENTS. IF APPLICABLE, THE CONTRACTOR SHALL REQUEST INSPECTION OF SIDEWALK AND RAMP FORMS PRIOR TO PLACEMENT OF CONCRETE.
7. ALL DAMAGE TO EXISTING ASPHALT PAVEMENT TO REMAIN WHICH RESULTS FROM NEW CONSTRUCTION SHALL BE REPLACED WITH LIKE MATERIALS AT CONTRACTOR'S EXPENSE.
8. DIMENSIONS ARE TO THE FACE OF BUILDING, OR FACE OF CURB, UNLESS OTHERWISE NOTED.
9. COORDINATES ARE FOR FACE OF BUILDINGS, CENTER LINES OF DRIVEWAYS, CENTER OF SANITARY SEWER MANHOLES, AND CENTER AT FACE OF CURB INLETS, UNLESS OTHERWISE NOTED.
10. EXCESS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR OFF THE PROPERTY AT NO ADDITIONAL COST IN A LEGAL MANNER.
11. MAINTAIN ONE SET OF AS–BUILT DRAWINGS ON THE JOB SITE FOR DISTRIBUTION TO THE ARCHITECT/ENGINEER UPON COMPLETION.
12. PARKING STRIPES SHALL BE 4–INCH WHITE PAVEMENT PAINT, UNLESS OTHERWISE NOTED.
13. STOP BARS, DETAIL STRIPES, FIRE LANES AND CROSSWALKS SHALL BE THERMOPLASTIC PAVEMENT MARKING MATERIAL.
14. CONTRACTION JOINTS SHALL BE CONSTRUCTED TO A DEPTH OF AT LEAST ¼ THE CONCRETE THICKNESS, AND SHALL DIVIDE CONCRETE ROUGHLY INTO SQUARES WITH MAXIMUM 10' SEGMENTS FOR CONCRETE FLATWORK, AND 15' SEGMENTS FOR HEAVY–DUTY CONCRETE PAVEMENT.

GRADING, DRAINAGE AND EROSION CONTROL NOTES

1. NO TREES SHALL BE REMOVED NOR VEGETATION DISTURBED EXCEPT AS NECESSARY FOR GRADING PURPOSES AND ONLY AS APPROVED BY THE ARCHITECT/ENGINEER.
2. IT IS THE OWNER'S INTENT TO PRESERVE ALL THE EXISTING SITE VEGETATION OUTSIDE THE LIMITS OF GRADING.
3. ALL TREES, INCLUDING YOUNG SAPLINGS, PINES, AND UNDERSTORY SPECIES ARE TO BE PROTECTED AND SAVED IF THEY FALL OUTSIDE THE LIMITS OF GRADING, EVEN IF THEY ARE NOT LOCATED OR IDENTIFIED ON THE SURVEY.
4. SELECTIVE CLEARING BEYOND THE LIMITS OF GRADING SHALL CONSIST OF REMOVAL OF HONEYSUCKLE, HERBACEOUS SHRUBS, POISON IVY, AND NOXIOUS WEEDS. GRASS SHALL BE SOWN ON THE WHOLE SITE AFTER PREPARATION, AS NOTED IN THE SPECIFICATIONS.
5. TOPSOIL SHALL BE STRIPPED FROM ALL CUT AND FILL AREAS, STOCKPILED AND REDISTRIBUTED OVER–GRADED AREAS TO A MINIMUM DEPTH OF 6 INCHES. STOCKPILES SHALL BE FREE DRAINING. PROVIDE EROSION AND SEDIMENTATION CONTROLS AROUND STOCKPILES.
6. ALL GRADED AREAS SHALL BE SEEDED AND MULCHED WITHIN 7 DAYS AFTER GRADING IS COMPLETED.
7. CONSTRUCT TEMPORARY EROSION CONTROL AS SHOWN ON THE DRAWING PRIOR TO BEGINNING GRADING OPERATIONS.
8. ALL DRAINAGE STRUCTURES, PIPES WITHIN THE LIMITS OF CONSTRUCTION, AND DETENTION PONDS SHALL HAVE SEDIMENT REMOVED PRIOR TO FINAL ACCEPTANCE.
9. SILT BARRIERS SHALL BE CLEANED OF ACCUMULATED SEDIMENT WHEN APPROXIMATELY 50% FILLED.
10. ALL LOCATIONS OF TEMPORARY EROSION CONTROL DEVICES SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ARCHITECT/ENGINEER.
11. WHEN THE TEMPORARY EROSION CONTROL DEVICES ARE NO LONGER REQUIRED FOR THE INTENDED PURPOSE (IN THE ARCHITECT/ENGINEER'S OPINION), THEY SHALL BE REMOVED.
12. REPLACE DAMAGED AND WORN OUT SILT BARRIERS AS DIRECTED BY THE ARCHITECT/ENGINNER.
13. THE CONTRACTOR SHALL PROTECT ALL TREES DESIGNATED TO REMAIN. DO NOT OPERATE OR STORE HEAVY EQUIPMENT, NOR HANDLE/STORE MATERIALS, WITHIN THE DRIPLINES OF TREES.
14. TOP OF GRATE ELEVATIONS FOR CURB INLETS ARE GIVEN TO THE CENTER OF THE INLETS AT THE FACE OF CURB. THE GRATES SHALL SLOPE LONGITUDINALLY WITH THE PAVEMENT GRADE. ADJUST THE CASTING TO FALL ALONG THE CURB LINE.
15. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES, PROTECT UTILITIES TO REMAIN, AND REPAIR CONTRACTOR–CAUSED DAMAGE ACCORDING TO LOCAL STANDARDS AT CONTRACTOR'S EXPENSE.
16. NOTIFY LOCAL UTILITY LOCATOR SERVICE OF INTENDED EXCAVATION/UTILITY TRENCHING OPERATIONS.
17. IN THE EVENT OF ANY DISCREPANCIES FOUND IN THE DRAWINGS OR IF PROBLEMS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINNER BEFORE PROCEEDING WITH THE WORK.
18. THE CONTRACTOR SHALL GIVE ALL NECESSARY NOTICES AND OBTAIN ALL PERMITS.
19. SPOT ELEVATIONS AND CONTOURS REPRESENT PROPOSED FINISHED GRADE ELEVATIONS.
20. CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS AND INVERTS PRIOR TO BEGINNING WORK.
21. EXCESS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR OFF THE OWNER'S PROPERTY AT NO ADDITIONAL COST IN A LEGAL MANNER.
22. CONTOUR LINES AND SPOT ELEVATIONS ARE THE RESULT OF A DETAILED ENGINEERING GRADING DESIGN AND REFLECT A PLANNED INTENT WITH REGARD TO DRAINAGE. SHOULD THE CONTRACTOR HAVE ANY QUESTION OF THIS INTENT OR ANY PROBLEMS WITH CONTINUITY OF GRADES, THE ARCHITECT/ENGINEER SHALL BE CONTACTED PRIOR TO BEGINNING WORK.
23. EXISTING MANHOLE CASTINGS TO REMAIN SHALL BE RESET TO MATCH NEW GRADE.
24. ALL CURBS AND SIDEWALKS SHALL BE BACKFILLED WITH TOPSOIL, AND SEEDED AND MULCHED, UNLESS OTHERWISE NOTED.
25. ALL PIPES SHALL BE BACKFILLED WITH SATISFACTORY MATERIAL COMPACTED TO 98% OF MAXIMUM PER ASTM D698.
26. ALL STORM DRAINAGE PIPE SHALL BE R.C.P UNLESS OTHERWISE NOTED, AND COMPLETELY WRAPPED WITH TYPE V FILTER FABRIC AT ALL JOINTS. FILTER FABRIC SHALL BE 18" WIDE AND OVERLAP 8". LIFT HOLES SHALL BE GROUTED AND SEALED WATER TIGHT AND COVERED WITH FILTER FABRIC. PIPE LENGTHS SHOWN ARE APPROXIMATE.
27. ALL CUT AND FILL SLOPES TO BE 3:1 MAXIMUM, UNLESS OTHERWISE NOTED.
28. ALL HEADWALLS SHALL HAVE A MINIMUM 10'x20'x1.5' RIP–RAP APRON INSTALLED USING 8" MIN. DIAMETER STONE, UNLESS OTHERWISE SPECIFIED.
29. SATISFACTORY TOPSOIL IS DEFINED AS SOIL BEING FREE OF SUBSOIL, CLAY LUMPS, STONES, AND OTHER OBJECTS OVER 1 INCH IN DIAMETER, OR CONTAMINANTS.
30. AFTER STRIPPING TOPSOIL, PROOFROLL SUBGRADE WITH A LOADED DUMP TRUCK WITH A MINIMUM WEIGHT OF 20 TONS.
31. FINISH GRADES TOLERANCES ARE 0.10 FOOT ABOVE OR BELOW DESIGN ELEVATIONS. (NOT INCLUDING SPOT ELEVATIONS)
32. CONSULT SUBSURFACE REPORT FOR EARTHWORK PERFORMED DURING EARLY SITE PACKAGE.
33. PROVIDE TEMPORARY SEEDING ON STOCKPILES AND ALL OTHER AREAS OF THE SITE THAT WILL REMAIN UNDISTURBED FOR 7 DAYS OR MORE.
34. MAXIMUM SLOPES IN ALL DIRECTIONS OF HANDICAP PARKING SPACES/AISLES SHALL BE 2%.

GENERAL UTILITY NOTES

1. WATER AND SEWER CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH ALL LOCAL CODES AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL PAY ALL FEES AND OBTAIN ALL PERMITS.
3. ALL EXISTING UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND ARE BASED ON TOPOGRAPHIC SURVEYS AND RECORD DRAWINGS FROM THE FACILITY. ADDITIONAL UTILITIES MAY BE PRESENT. SHOULD UNCHARTED UTILITIES BE ENCOUNTERED DURING EXCAVATION OPERATIONS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER AS SOON AS POSSIBLE FOR INSTRUCTIONS.
4. THE CONTRACTOR SHALL NOTIFY THE MISSISSIPPI ONE–CALL SYSTEM, INC. (MOCS) AT 811 AND ANY NON–MOCS MEMBER UTILITY INDIVIDUALLY. AT LEAST 3 WORKING DAYS PRIOR TO ANY EXCAVATION AND/OR DEMOLITION.
5. MAINTAIN 10–FOOT HORIZONTAL AND 18–INCH VERTICAL SEPARATION BETWEEN SANITARY SEWER AND WATER SUPPLY LINES.
6. CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS OF ALL EXISTING UTILITIES INCLUDING IRRIGATION. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN. REPAIR DAMAGE ACCORDING TO LOCAL STANDARDS AND AT THE CONTRACTOR'S EXPENSE. COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY. RELOCATE IRRIGATION LINES AS NECESSARY FOR CONSTRUCTION.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE SEQUENCING OF CONSTRUCTION FOR ALL UTILITY LINES SO THAT WATER LINES AND UNDERGROUND ELECTRIC DO NOT CONFLICT WITH SANITARY SEWERS OR STORM SEWERS. INSTALL UTILITIES PRIOR TO FINAL PAVEMENT CONSTRUCTION.
8. BACKFILL UTILITY TRENCHES UNDER PAVEMENT AREAS AND IN LAWN AREAS WITH SATISFACTORY FILL MATERIAL COMPACTED TO AT LEAST 98% OF MAXIMUM PER ASTM D698.
9. ADJUST ALL EXISTING CASTINGS TO MATCH PROPOSED FINISH GRADE.
10. THRUST BLOCKS ALL WATERLINE FITTINGS WITH CONCRETE (2,500 P.S.I. MIN.) POURED AGAINST UNDISTURBED EARTH TO SUSTAIN 120 PERCENT TEST PRESSURE SPECIFIED. FORM THRUST BLOCKING SO AS TO NOT EMBED JOINTS, BOLTS, VALVE BOXES OR OPERATING NUTS.
11. PROVIDE VENTS AT HIGH POINTS IN WATERLINE AS NECESSARY FOR EXPELLING AIR DURING FILLING OF WATERLINE. PROVIDE BRONZE CORPORATION STOP FOR CLOSING VENT DURING TESTING AND SERVICE. LEAVE VENT COMPONENETS PLUGGED AND ATTACHED TO PIPE AFTER SUCCESSFUL TEST.
12. EXCESS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR OFF OF THE OWNER'S PROPERTY AT NO ADDITIONAL COST IN A LEGAL MANNER.
13. ALL SANITARY SEWER PIPE SHALL BE CLASS SDR 26 PVC UNLESS NOTED OTHERWISE.
14. ALL WATER MAINS SHALL BE C–900 P.V.C. UNLESS NOTED OTHERWISE.
15. ALL FIRE HYDRANT ASSEMBLIES SHALL BE INSTALLED AS NOTED ON THE PLANS.
16. FIRE HYDRANT AND WATER MAINS TO BE INSTALLED AND UNDER PRESSURE BEFORE ANY COMBUSTIBLE CONSTRUCTION IS STARTED.
17. NEOPRENE COUPLINGS WITH STAINLESS STEEL BAND AND SHEAR RINGS ARE REQUIRED FOR JOINING DIFFERENT TYPES OF SANITARY SEWER PIPES.
18. THE CONTRACTOR SHALL EXCAVATE FOR NEW SEWER ELEVATIONS SHOWN ON THE PLANS. THE CONTRACTOR SHALL TAKE EVERY NECESSARY PRECAUTION TO PROTECT EXISTING UTILITIES DURING CONSTRUCTION OPERATIONS. ALL EXCAVATION, SHORING AND BRACING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
19. THE CONTRACTOR SHALL EXPLORE AHEAD 200 FEET SO ADJUSTMENTS CAN BE MADE IN THE ALIGNMENT OF THE PIPE IN CASE OF CONFLICTS WITH EXISTING STRUCTURES, UTILITIES AND PIPING.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING PIPE FROM FLOATING. IF PIPE FLOATS DURING CONSTRUCTION, THE CONTRACTOR SHALL RELAY PIPE TO GRADE AT HIS EXPENSE.
21. THE CONTRACTOR SHALL FIELD VERIFY LOCATION AND INVERT OF SANITARY SEWER FOR CONNECTION TO EXISTING OR PROPOSED SEWER SYSTEM.
22. BEDDING REQUIREMENTS SPECIFIED HEREIN ARE TO BE CONSIDERED AS MINIMUMS FOR RELATIVELY DRY, STABLE EARTH CONDITIONS, ADDITIONAL BEDDING SHALL BE REQUIRED IN WET OR WEAK AREAS. THE CONTRACTOR SHALL HAVE RESPONSIBILTY TO PROVIDE SUCH ADDITIONAL BEDDING AS MAY BE REQUIRED TO PROPERLY CONSTRUCT THE WORK.

STORMWATER POLLUTION PREVENTION NOTES

1. REFER TO EROSION CONTROL PLAN FOR ADDITIONAL REQUIREMENTS.
2. THE OWNER HAS OBTAINED MDEQ STORMWATER PERMIT FOR THIS PROJECT. CONTRACTOR SHALL EXECUTE PRIME CONTRACTOR CERTIFICATION FORM AND SUBMIT TO OWNER/ENGINEER A MINIMUM OF FOURTEEN DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
3. THE NOTICE OF COVERAGE (NOC) OF THE PERMIT TO DISCHARGE CONSTRUCTION–ACTIVITY STORMWATER SHALL BE POSTED NEAR THE CONSTRUCTION ENTRANCE. THE CONTRACTOR SHALL HAVE A SET OF APPROVED EROSION CONTROL PLANS ON SITE DURING ALL CONSTRUCTION.
4. THE CONSTRUCTION ACTIVITY ANTICIPATED ON THIS PROJECT INCLUDES GRADING, TOPSOILING, AND SEEDING.
5. THE APPROXIMATE TOTAL AREA OF THE SITE IS 7.45 ACRES. THE APPROXIMATE TOTAL AREA OF GRADING PROPOSED IS 4.0 ACRES.
6. THE ANTICIPATED FILL MATERIAL WILL CONSIST OF SUITABLE ON–SITE SOIL AND/OR OFF–SITE SOIL BORROW MATERIALS.
7. THE RECEIVING WATER/STORM SEWER OPERATOR IS THE CITY OF PEARL, AND THE STATE OF MISSISSIPPI.
8. CONSTRUCTION SHALL BE SEQUENCED TO MINIMIZE EXPOSURE TIME OF CLEARED SURFACE AREA. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE AND FUNCTIONAL PRIOR TO EARTH MOVING OPERATIONS. ALL CONTROL MEASURES SHALL BE CHECKED AND REPAIRED AS NECESSARY, AND AT MAXIMUM 7 CALENDAR DAYS IN DRY PERIODS AND WITHIN 24 HOURS OF ANY RAINFALL EXCEEDING 0.5 INCH PER 24 HOUR PERIOD.
9. THE CONTRACTOR SHALL DESIGNATE IN WRITING THE NAME AND PHONE NUMBER OF THE INDIVIDUAL RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS.
10. PRE–CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE REMOVED MORE THAN 20 CALENDAR DAYS PRIOR TO GRADING. ALL GRADED AREAS EXPECTED TO REMAIN UNFINISHED AND UNWORKED FOR MORE THAN 7 CALENDAR DAYS SHALL BE COVERED WITH TEMPORARY GRASS, SOD, STRAW, MULCH OR FABRIC MATS. PERMANENT SOIL STABILIZATION SHALL BE INSTALLED WITHIN 7 CALENDAR DAYS OF FINAL GRADING.
11. THE CONTRACTOR SHALL MAINTAIN RECORDS OF EROSION CONTROL INSPECTIONS AND REPAIRS FOR A MINIMUM OF 3 YEARS AFTER COMPLETION OF CONSTRUCTION.
12. TEMPORARY SEEDING FOR MISSISSIPPI PROJECTS INCLUDE THE FOLLOWING:
JAN 1– MAY 1ITALIAN RYE/KOREAN LESPEDEZA/SUMMER OATS
MAY 1– JULY 15 SUDAN OT STARR MILLET
JULY 15–JAN 1 BALBOA RYE/ITALIAN RYE
13. MULCHING SHALL CONSIST OF LOOSE HAY OR STRAW APPLIED AT THE RATE OF 2 TONS/ACRE.
14. THE CONTRACTOR SHALL REMOVE SEDIMENT FROM TRAPS, SILT FENCES, SEDIMENT PONDS, ETC. AS NECESSARY AND WHEN CAPACITY HAS BEEN REDUCED BY 50%.
15. STOCKPILES SHALL BE STABILIZED AND PROTECTED FROM EROSION.
16. UPON COMPLETION OF SITE STABILIZATION, THE OWNER AND CONTRACTOR SHALL PROVIDE A NOTICE OF TERMINATION (NOT) FOR THE PROJECT TO THE MS DEPARTMENT OF ENVIRONMENTAL QUALITY. A COPY OF THE (NOT) SHALL BE PROVIDED TO THE ENGINEER.
17. FINAL SODDING AND STABILIZATION SHALL BE IN ACCORDANCE WITH THE RECORD LANDSCAPING DRAWINGS.

McMASTER & ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
212 WATERFORD SQUARE
SUITE 300
MADISON, MS 39110
601.605.1090

DEAN ARCHITECTURE
GEDDIE | GRANT | OUBRE
661 Sunnybrook, Ste 140
Ridgeland, MS 39157
601.939.7717
deandean.com

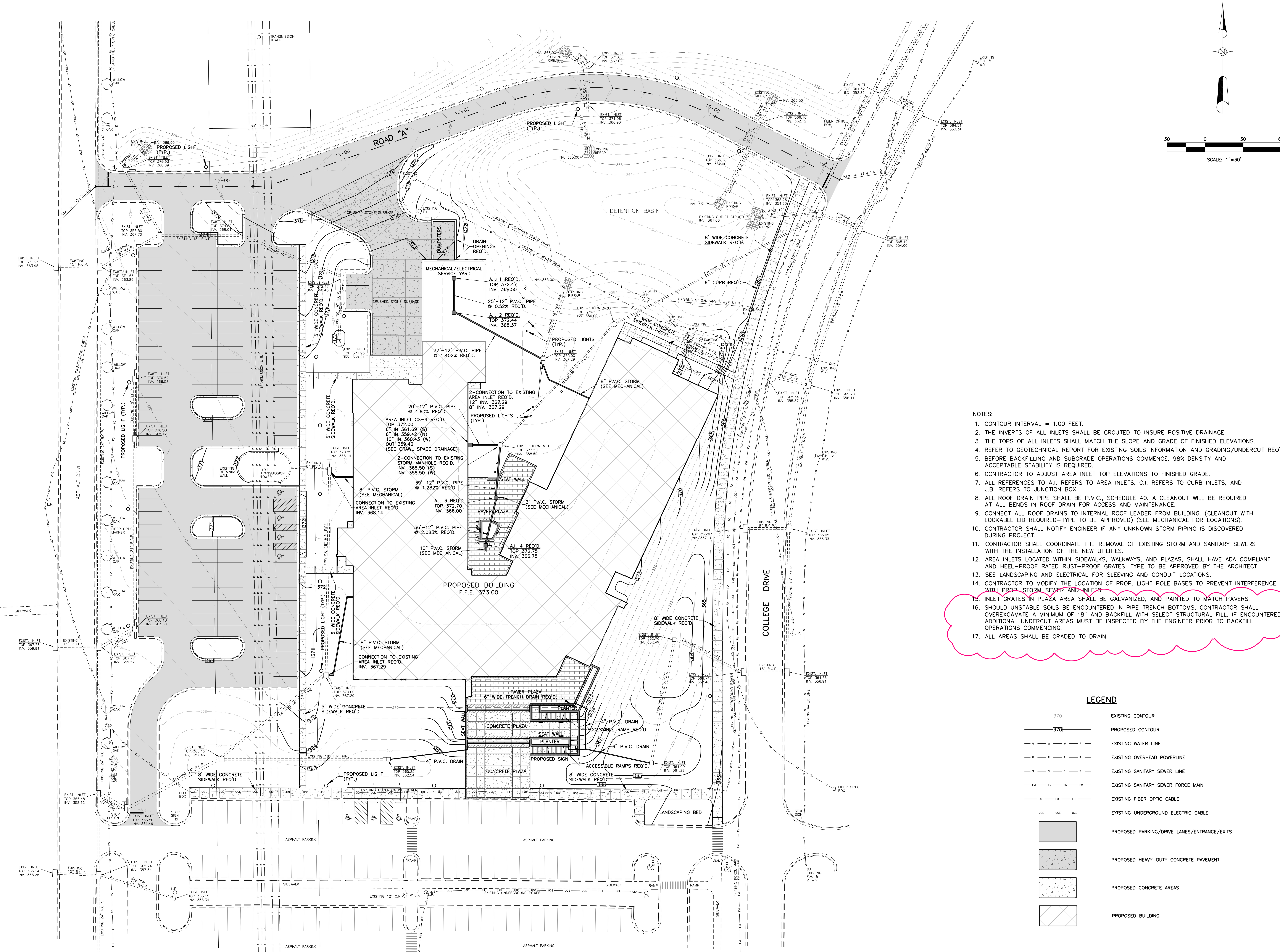
RONALD C. McMASTER JR.
LICENSED PROFESSIONAL ENGINEER AND SURVEYOR
P.E. 10935
P.S. 3051
STATE OF MISSISSIPPI

CONSTRUCTION DOCUMENTS

Project No. 21041
Date: APRIL 11, 2024
Drawn: DP
Checked: RCM
Revisions: Addendum No.2 May 7, 2024

HEALTH SCIENCES COMPLEX – (RANKIN CAMPUS) HINDS COMMUNITY COLLEGE (COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
C0.1
GENERAL NOTES



NOTES:

1. CONTOUR INTERVAL = 1.00 FEET.
2. THE INVERTS OF ALL INLETS SHALL BE GROUTED TO INSURE POSITIVE DRAINAGE.
3. THE TOPS OF ALL INLETS SHALL MATCH THE SLOPE AND GRADE OF FINISHED ELEVATIONS.
4. REFER TO GEOTECHNICAL REPORT FOR EXISTING SOILS INFORMATION AND GRADING/UNDERCUT REQ'S.
5. BEFORE BACKFILLING AND SUBGRADE OPERATIONS COMMENCE, 98% DENSITY AND ACCEPTABLE STABILITY IS REQUIRED.
6. CONTRACTOR TO ADJUST AREA INLET TOP ELEVATIONS TO FINISHED GRADE.
7. ALL REFERENCES TO A.I. REFERS TO AREA INLETS, C.I. REFERS TO CURB INLETS, AND J.B. REFERS TO JUNCTION BOX.
8. ALL ROOF DRAIN PIPE SHALL BE P.V.C., SCHEDULE 40. A CLEANOUT WILL BE REQUIRED AT ALL BENDS IN ROOF DRAIN FOR ACCESS AND MAINTENANCE.
9. CONNECT ALL ROOF DRAINS TO INTERNAL ROOF LEADER FROM BUILDING. (CLEANOUT WITH LOCKABLE LID REQUIRED-TYPE TO BE APPROVED) (SEE MECHANICAL FOR LOCATIONS).
10. CONTRACTOR SHALL NOTIFY ENGINEER IF ANY UNKNOWN STORM PIPING IS DISCOVERED DURING PROJECT.
11. CONTRACTOR SHALL COORDINATE THE REMOVAL OF EXISTING STORM AND SANITARY SEWERS WITH THE INSTALLATION OF THE NEW UTILITIES.
12. AREA INLETS LOCATED WITHIN SIDEWALKS, WALKWAYS, AND PLAZAS, SHALL HAVE ADA COMPLIANT AND HEEL-PROOF RATED RUST-PROOF GRATES. TYPE TO BE APPROVED BY THE ARCHITECT.
13. SEE LANDSCAPING AND ELECTRICAL FOR SLEEVING AND CONDUIT LOCATIONS.
14. CONTRACTOR TO MODIFY THE LOCATION OF PROP. LIGHT POLE BASES TO PREVENT INTERFERENCE WITH PROP. STORM SEWER AND INLETS.
15. INLET GRATES IN PLAZA AREA SHALL BE GALVANIZED, AND PAINTED TO MATCH PAVERS.
16. SHOULD UNSTABLE SOILS BE ENCOUNTERED IN PIPE TRENCH BOTTOMS, CONTRACTOR SHALL OVEREXCAVATE A MINIMUM OF 18" AND BACKFILL WITH SELECT STRUCTURAL FILL. IF ENCOUNTERED, ADDITIONAL UNDERCUT AREAS MUST BE INSPECTED BY THE ENGINEER PRIOR TO BACKFILL OPERATIONS COMMENCING.
17. ALL AREAS SHALL BE GRADED TO DRAIN.

LEGEND

Symbol	Description
— — 370 — —	EXISTING CONTOUR
—370—	PROPOSED CONTOUR
— W — W —	EXISTING WATER LINE
— P — P —	EXISTING OVERHEAD POWERLINE
— S — S —	EXISTING SANITARY SEWER LINE
— FM — FM —	EXISTING SANITARY SEWER FORCE MAIN
— FO — FO —	EXISTING FIBER OPTIC CABLE
— UGE — UGE —	EXISTING UNDERGROUND ELECTRIC CABLE
(grey fill)	PROPOSED PARKING/DRIVE LANES/ENTRANCE/EXITS
(stippled dark fill)	PROPOSED HEAVY-DUTY CONCRETE PAVEMENT
(stippled fill)	PROPOSED CONCRETE AREAS
(crosshatch)	PROPOSED BUILDING

McMASTER & ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
212 WATERFORD SQUARE
SUITE 300
MADISON, MS 39110
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DEAN
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GEDDIE | GRANT | OUBRE
661 Sunnybrook, Ste 140
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RONALD C. McMASTER JR. LICENSED PROFESSIONAL ENGINEER AND SURVEYOR P.E. 10635 P.S. 3051 STATE OF MISSISSIPPI

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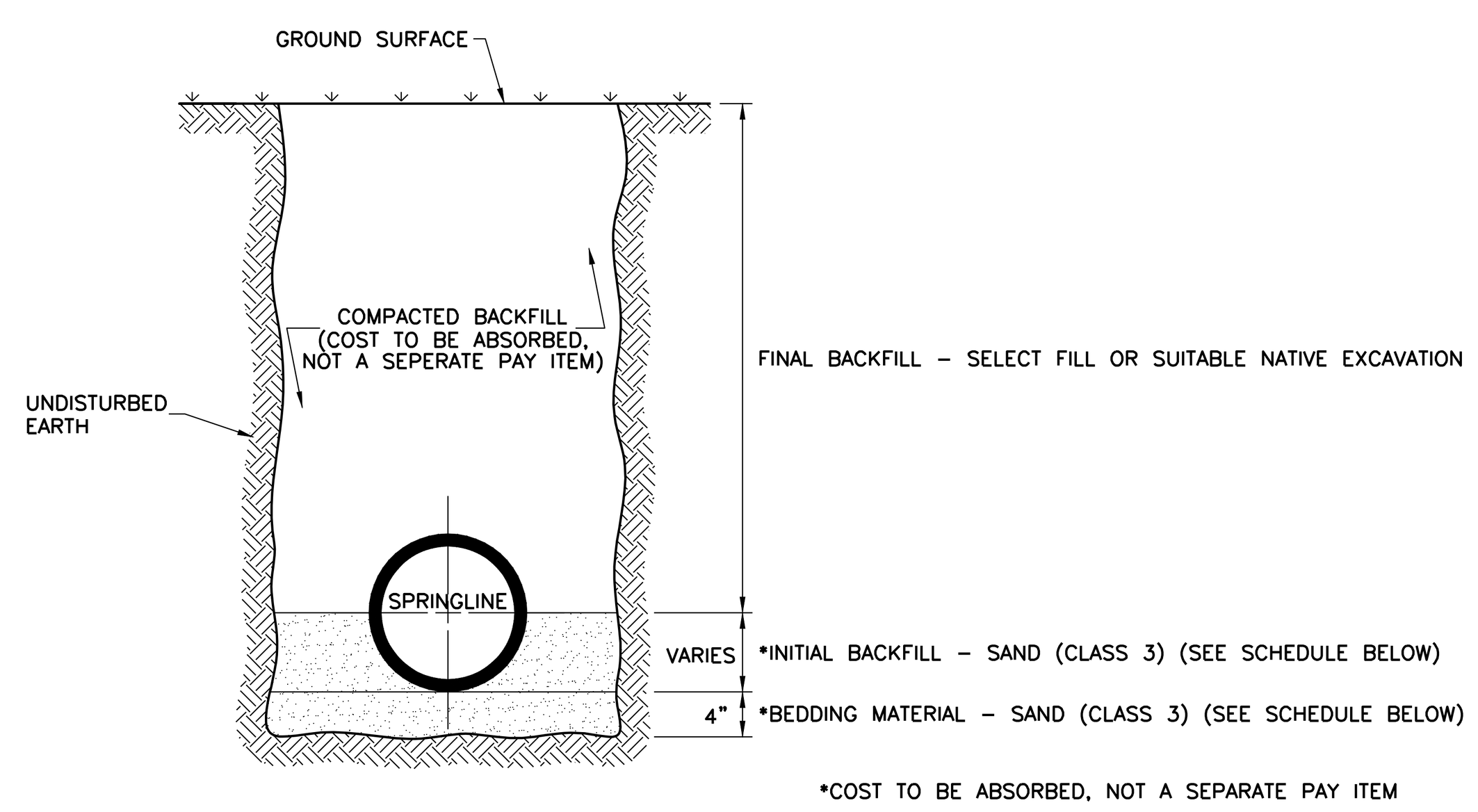
HEALTH SCIENCES COMPLEX — (RANKIN CAMPUS) HINDS COMMUNITY COLLEGE (COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
C2.2
GRADING AND DRAINAGE

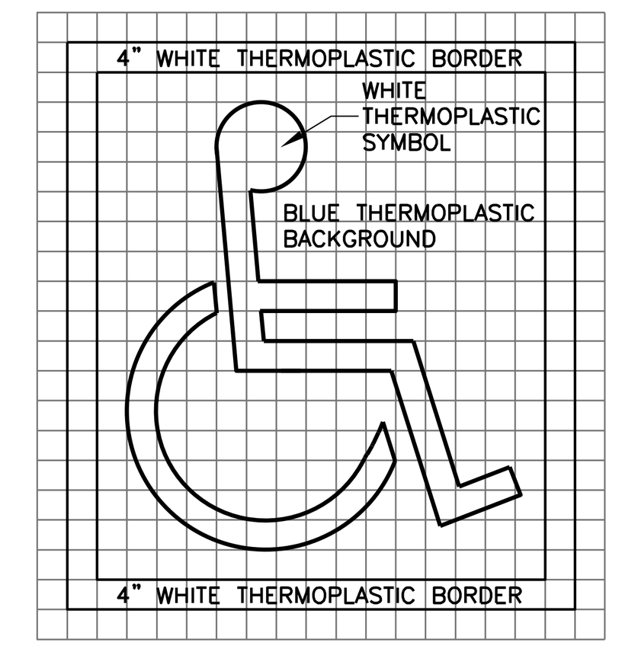
HEALTH SCIENCES COMPLEX
PEARL, MS
21041



*COST TO BE ABSORBED, NOT A SEPARATE PAY ITEM

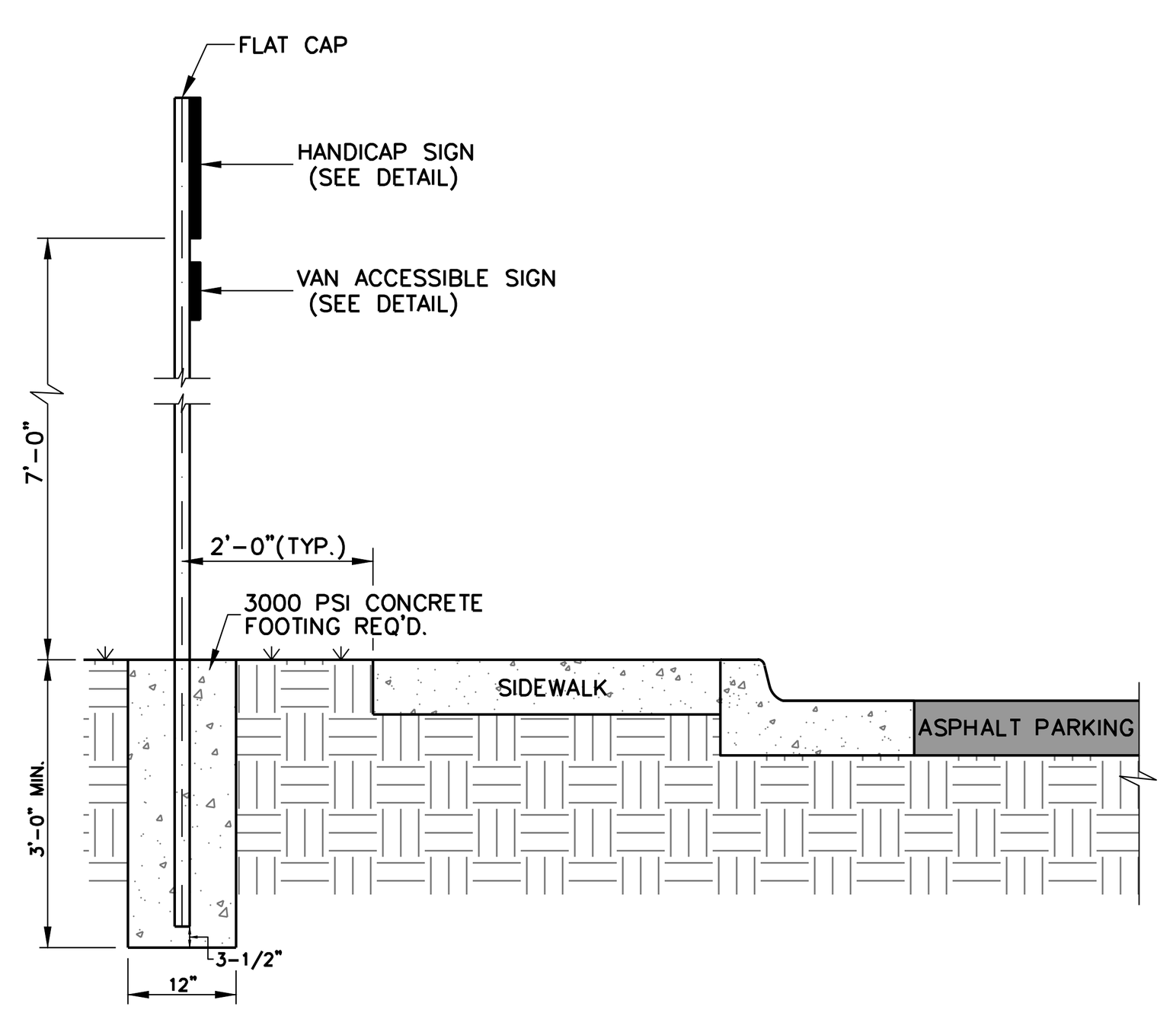
CLASS	3
PERCENT PASSING NO. 200 SIEVE (MAX.)	10
FRACTION PASSING NO. 40 SIEVE – LIQUID LIMIT (MAX.)	--
PLASTICITY INDEX, (MAX.)	np

TYPICAL TRENCH CROSS-SECTION FOR HIGH-PERFORMANCE POLYPROPYLENE PIPE (H.P. PIPE) AND P.V.C. PIPE

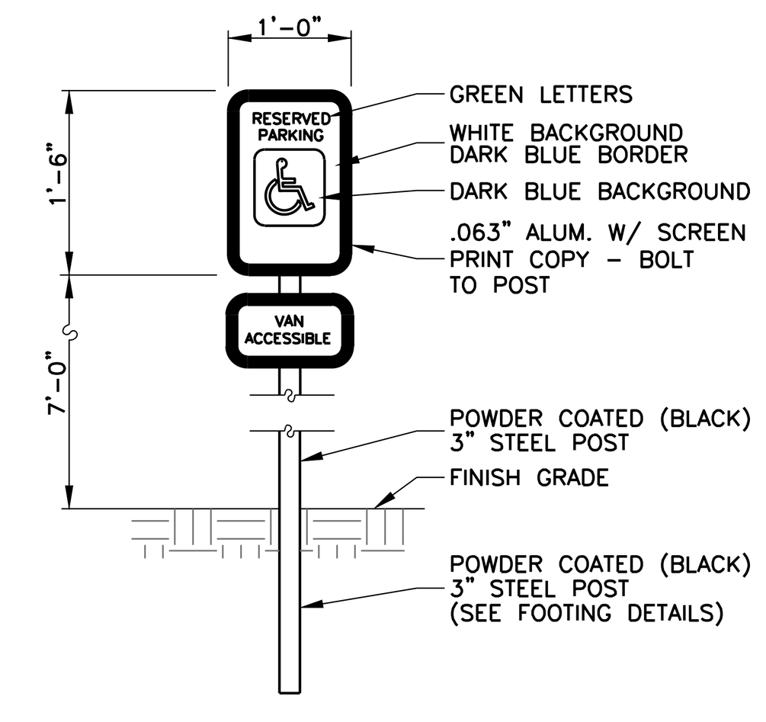


4"x4" GRID PROVIDED FOR LAYOUT OF SYMBOL. PROVIDE THERMOPLASTIC COLORS IN ACCORDANCE WITH ADA AND LOCAL REQUIREMENTS (TYPICALLY WHITE SYMBOL ON BLUE BACKGROUND INSIDE WHITE BORDER)

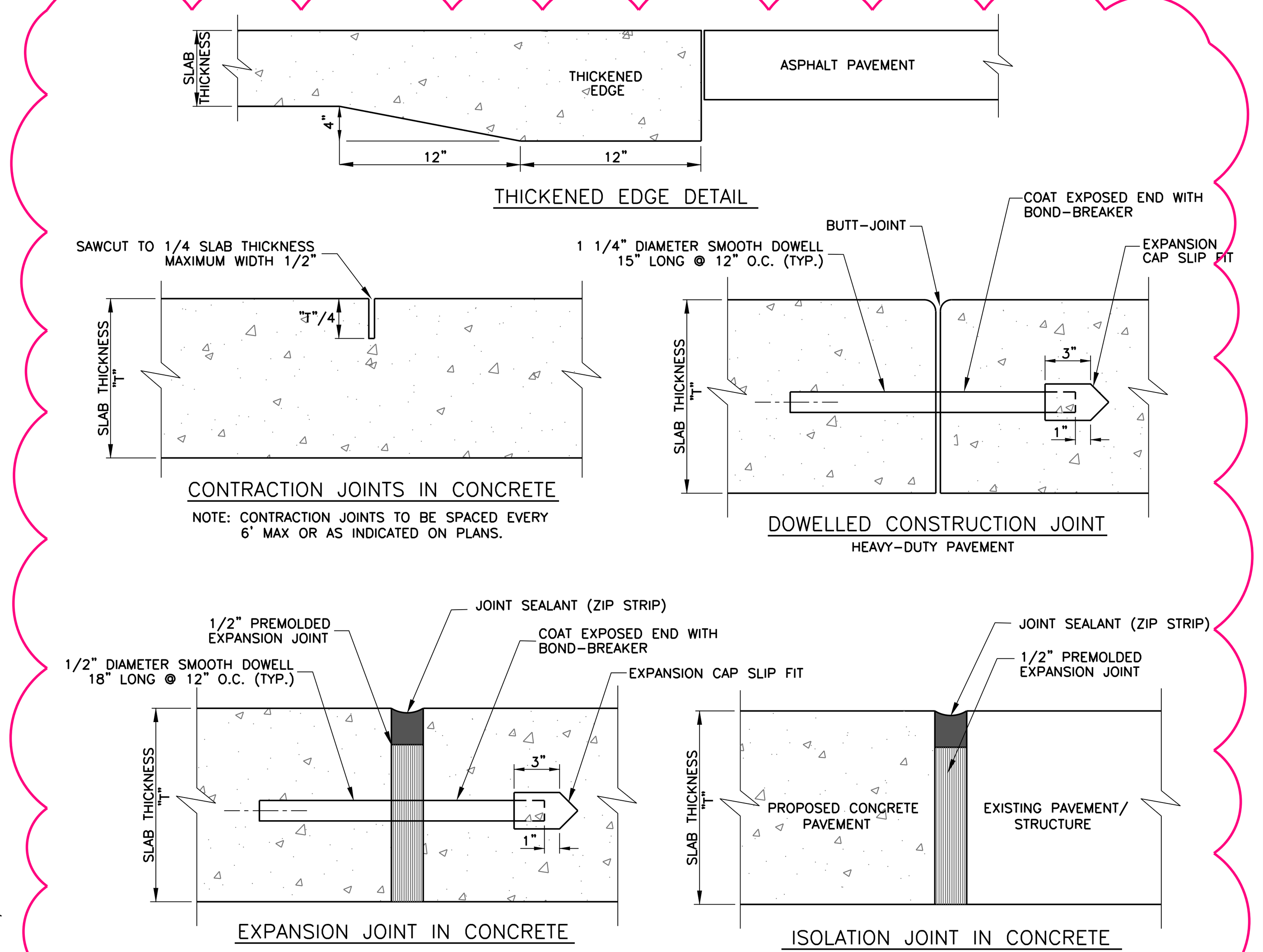
TYPICAL THERMOPLASTIC ACCESSIBLE SYMBOL FOR PAVEMENT
N.T.S.



FOOTING DETAIL FOR HANDICAP PARKING SIGN
N.T.S.

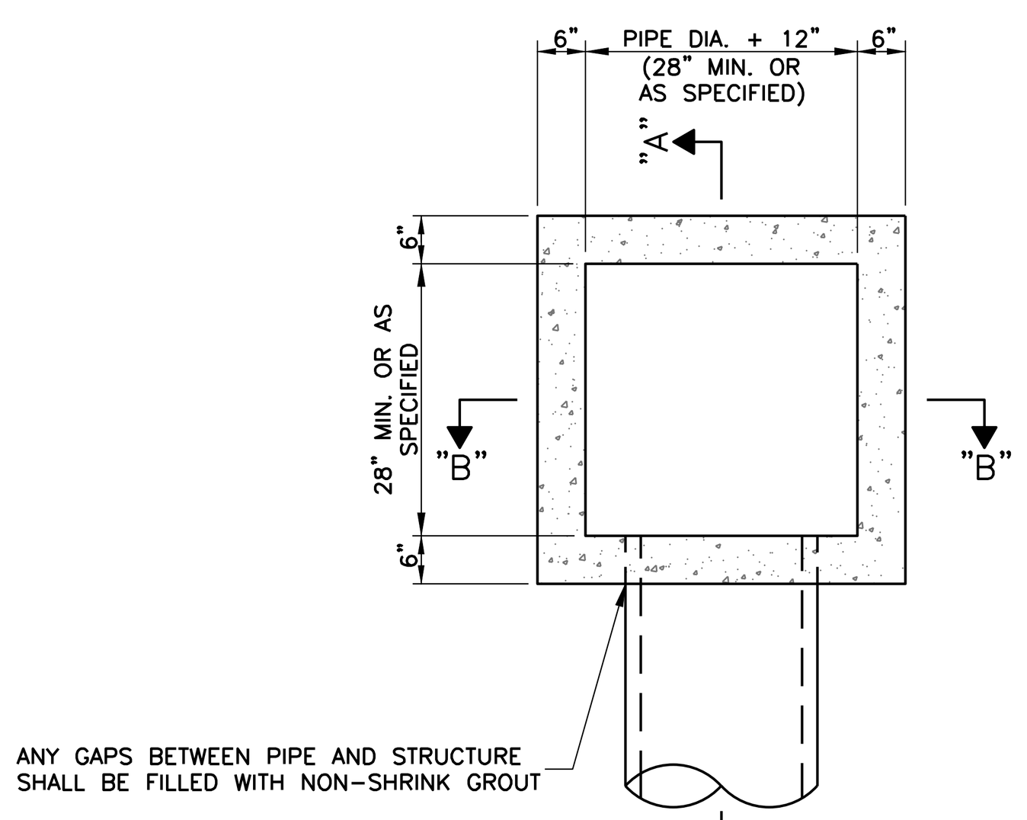


SIGN AT HANDICAP PARKING SPACE
N.T.S.



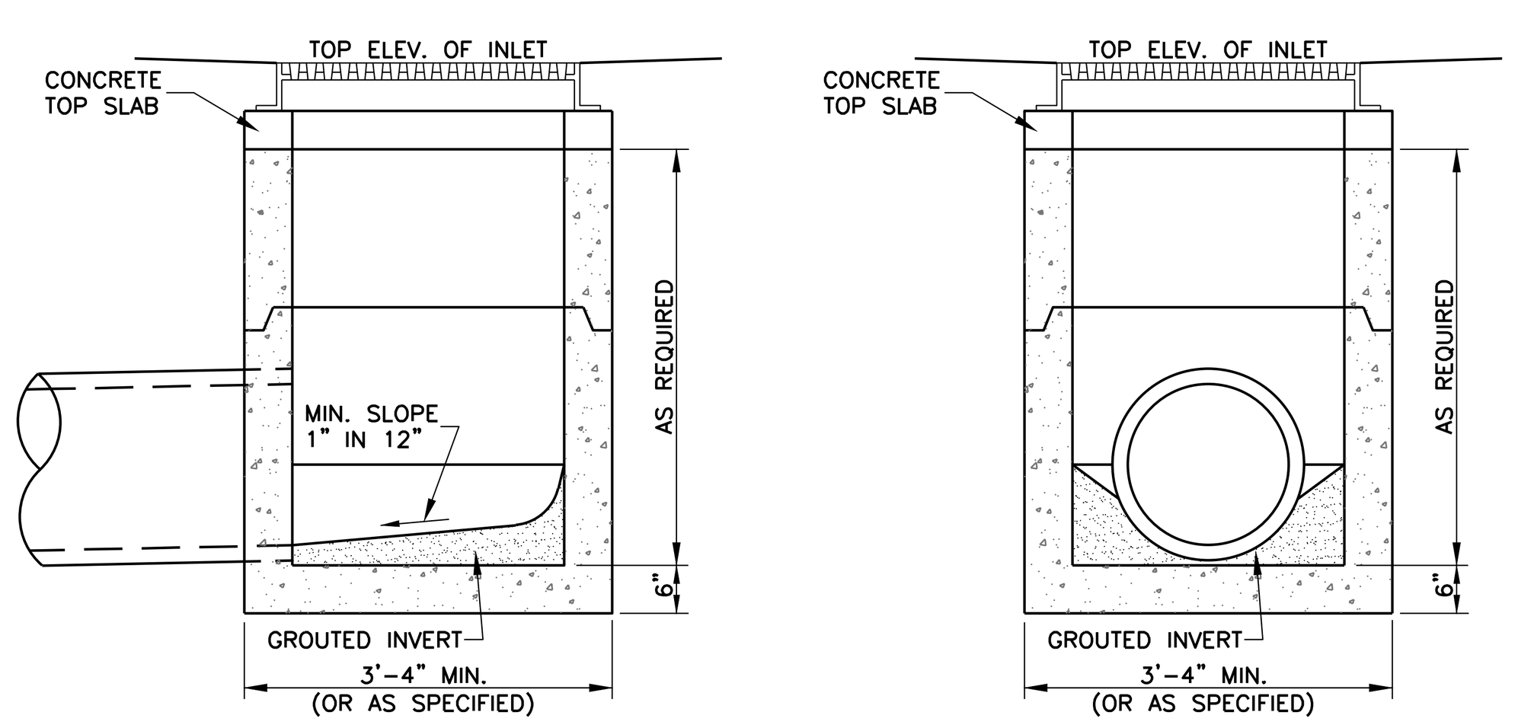
NOTES:
1. EXPANSION JOINTS TO BE SPACED EVERY 48' MAX.
2. PROVIDE THICKENED EDGE ("T"+1 INCH) 12" EACH SIDE OF EXPANSION JOINT IN CONCRETE SIDEWALK.

CONCRETE JOINT DETAILS
N.T.S.

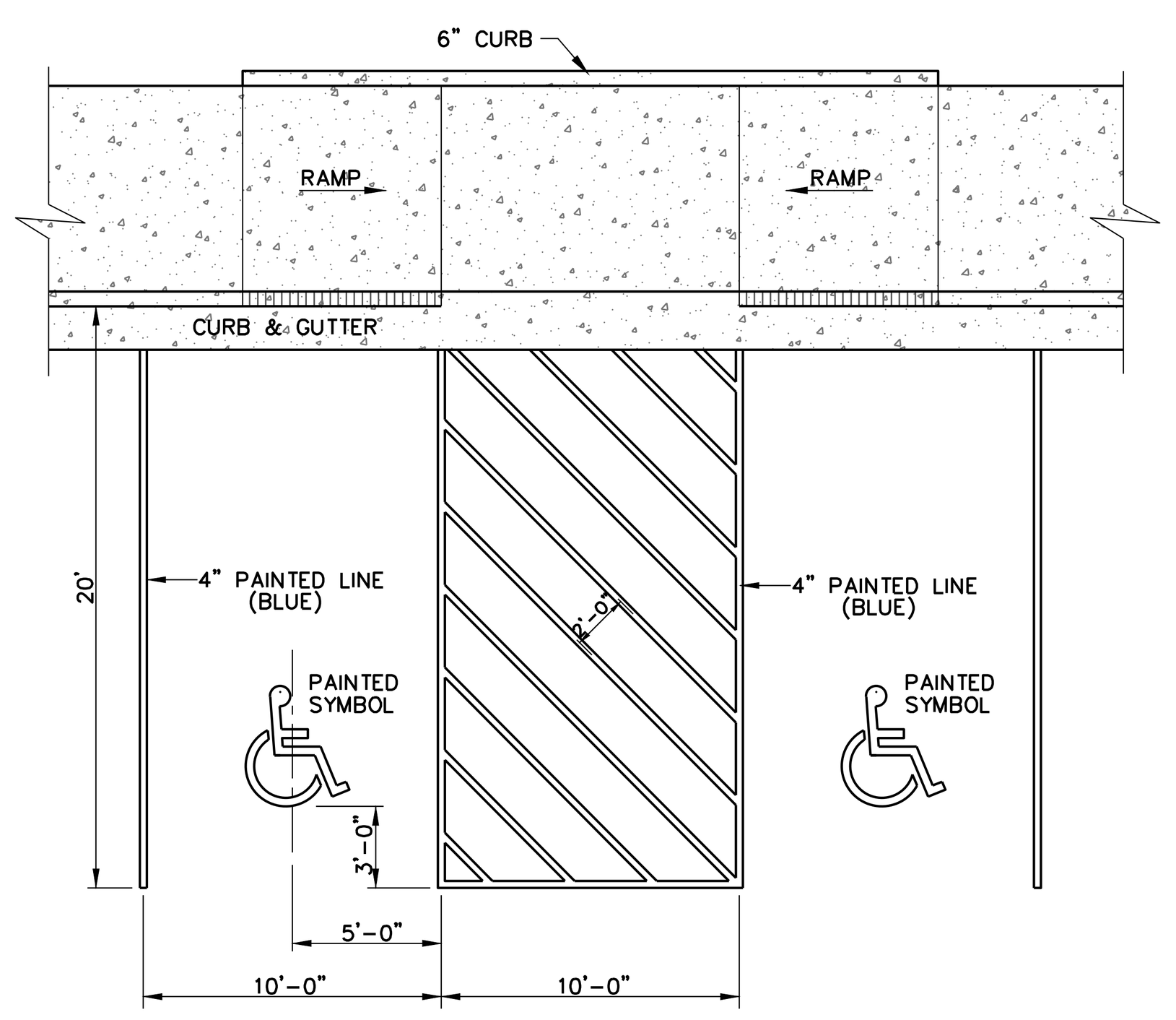


PLAN

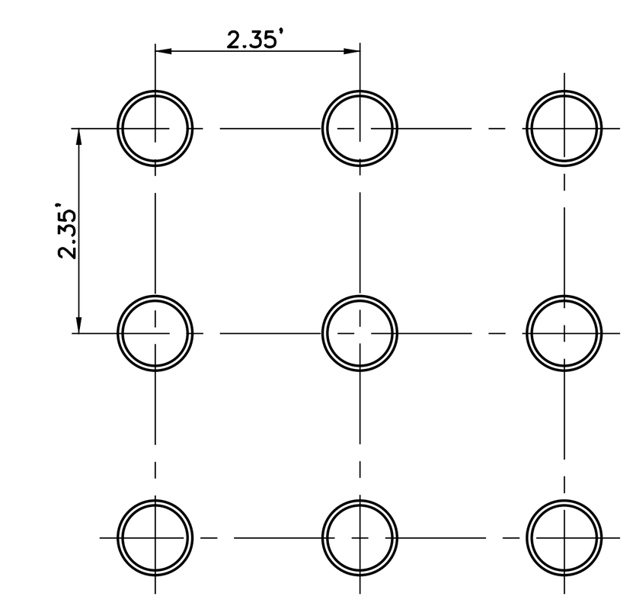
NOTES:
1. CASTING TYPE SHALL COMPLY WITH ALL PROJECT AND LOCAL STANDARDS.
2. CONCRETE TO BE 4,000 P.S.I. AT 28 DAYS AND REINFORCED WITH NO. 4, GRADE 60 BARS.



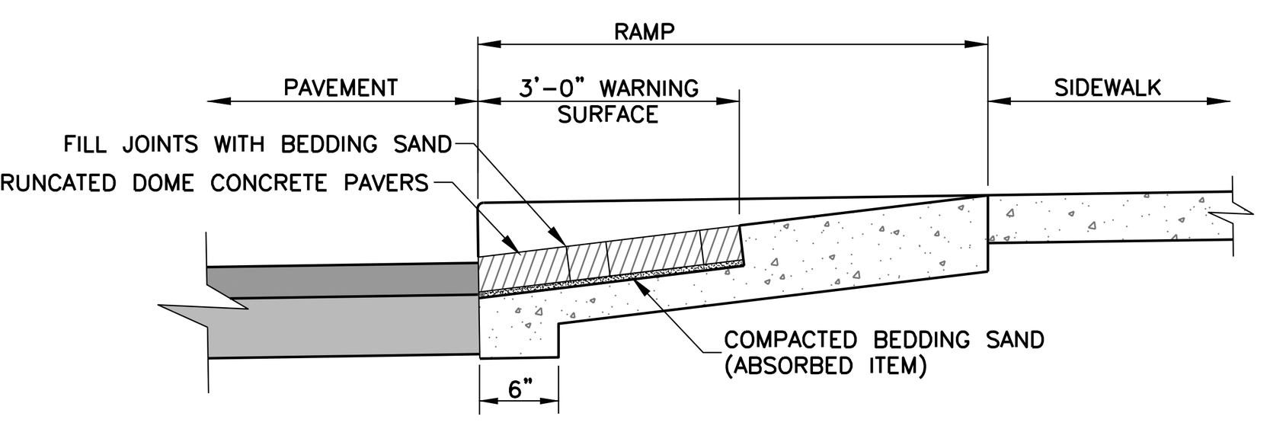
SINGLE PRECAST AREA INLET DETAILS (LOCATED IN PAVEMENT)
N.T.S.



HANDICAP PARKING DETAILS
N.T.S.

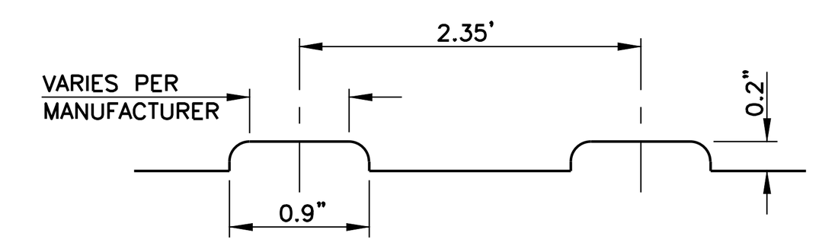


SQUARE PATTERN



TYPICAL DETECTABLE WARNING INSTALLATION

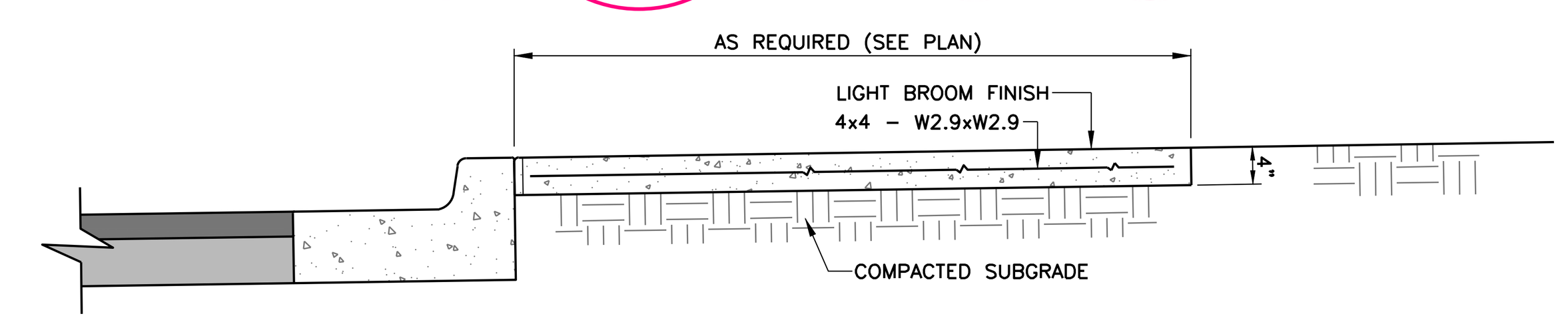
NOTE: DETECTABLE WARNING PAVERS AT THE SIDEWALKS SHALL MATCH EXISTING DETECTABLE WARNING PAVERS ON SITE.



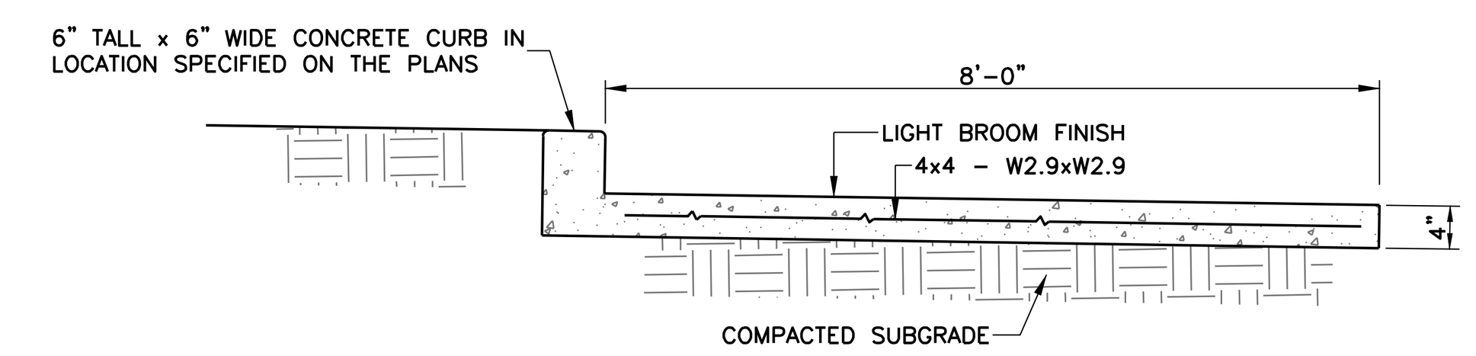
TRUNCATED DOME PROFILE

NOTES:
1. LANDINGS WILL PROVIDE A LEVEL AREA (LESS THAN 2% GRADE OR CROSS SLOPE) AT APPROXIMATE STREET ELEVATION. A 4 FOOT SQUARE LEVEL LANDING IS THE REQUIRED MINIMUM.
2. ALL SIDEWALK RAMPS REQUIRE DETECTABLE WARNINGS.
3. ANY DRIVEWAY 24' OR GREATER REQUIRES ADA SIDEWALK TREATMENTS WITH DETECTABLE WARNINGS WHICH WILL BE INCIDENTAL TO THE ENTRANCE CONSTRUCTION.
4. DETECTABLE WARNINGS SHALL BE INCIDENTAL TO SIDEWALK CONSTRUCTION.
5. DETECTABLE WARNING SURFACE BEGINS AT THE BACK OF CURB.

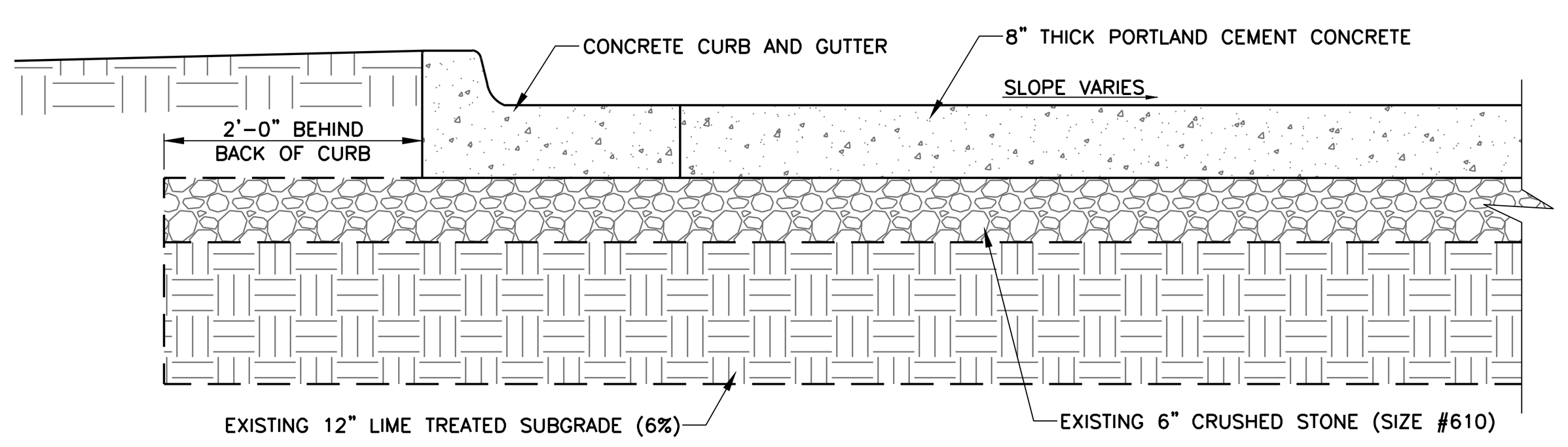
DETECTABLE WARNING DETAILS
N.T.S.



CONCRETE SIDEWALK DETAIL
N.T.S.

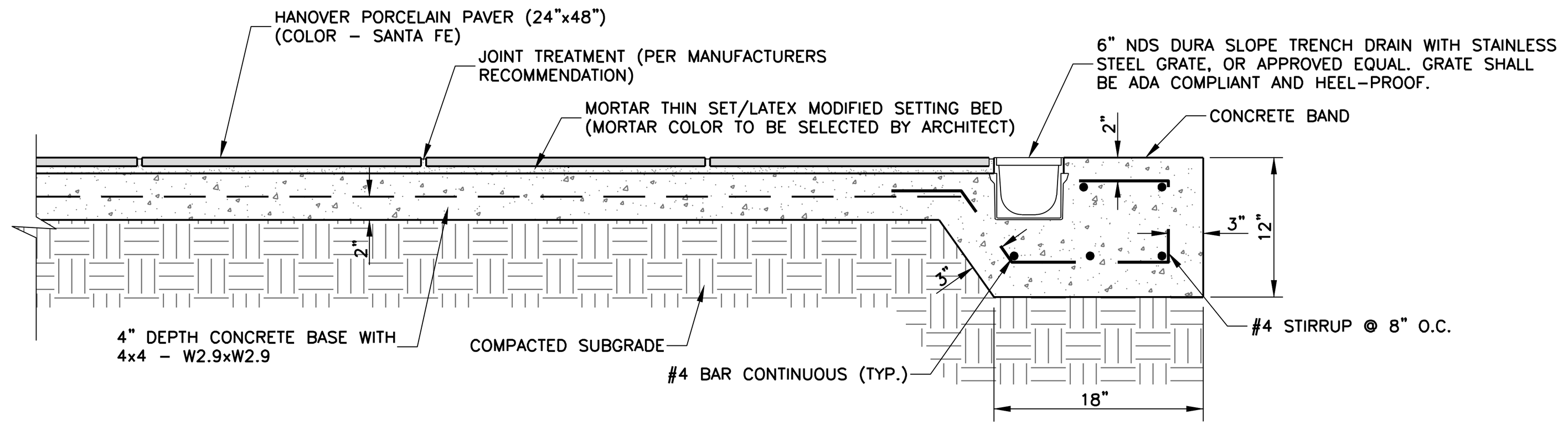


CONCRETE SIDEWALK DETAIL WITH 6" CURB
N.T.S.



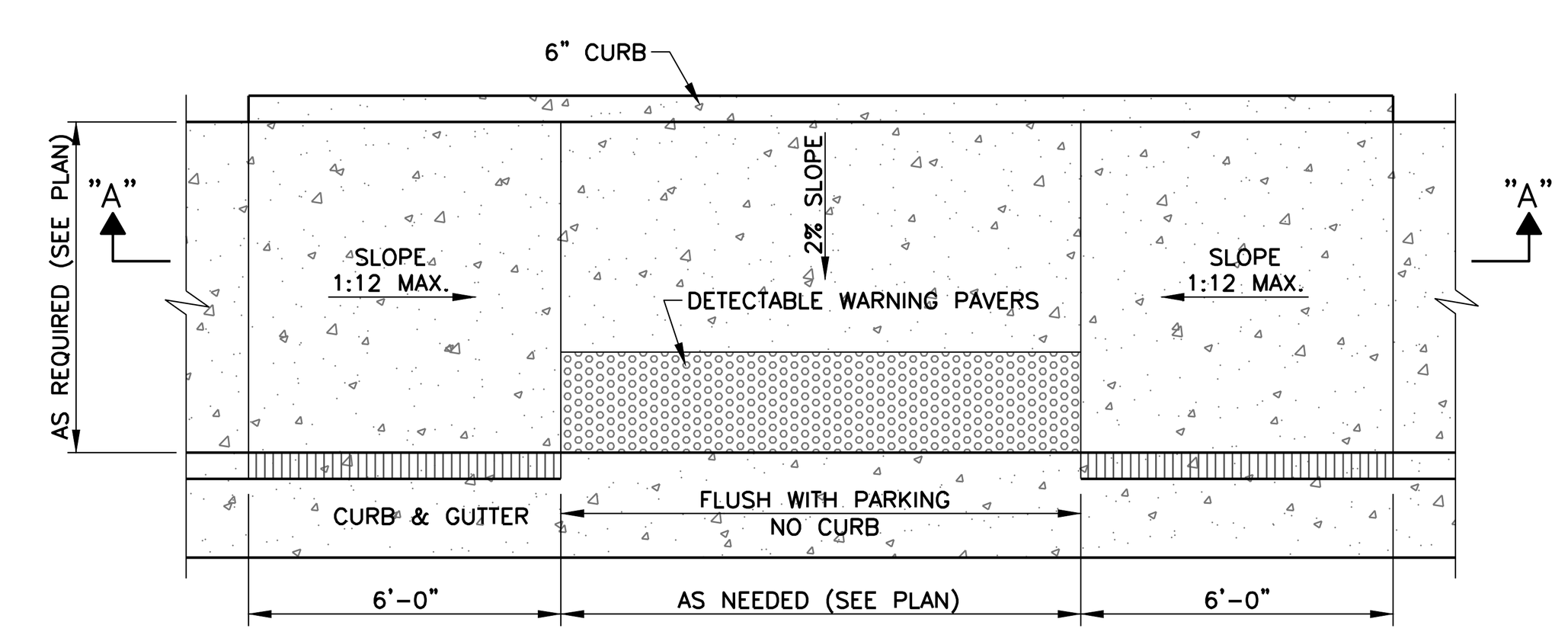
HEAVY-DUTY CONCRETE PAVEMENT SECTION
N.T.S.

NOTES:
1. MAXIMUM JOINT SPACING SHALL BE 15'-0".
2. IRREGULAR SHAPED PANELS OR PANELS WITH ACUTE ANGLES SHALL BE REINFORCED WITH #4 REBAR AT 12" ON-CENTER, EACH-WAY.



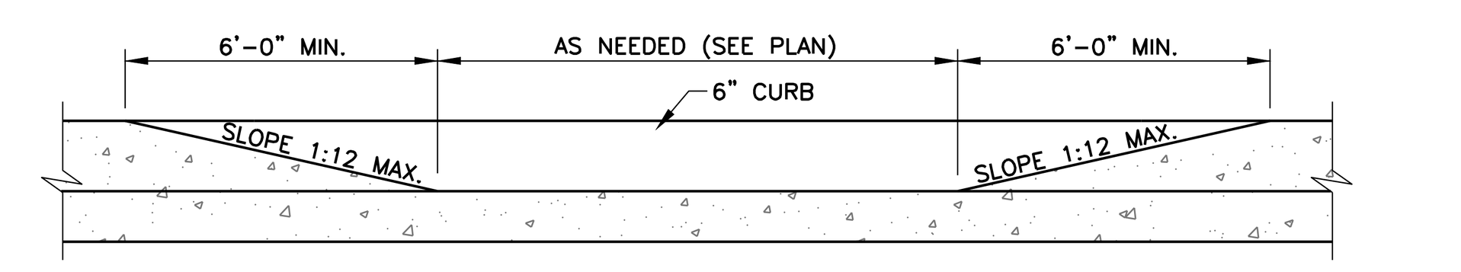
PAVER PLAZA AND TRENCH DRAIN DETAIL
N.T.S.

TRENCH DRAIN NOTES:
1. WORK SHALL INCLUDE INSTALLATION OF DURA SLOPE IN-LINE CATCH BASIN AND 4" P.V.C. OUTLET PIPE.
2. TRENCH DRAIN REBAR SUPPORTS (IF USED) SHALL NOT EXTEND BEYOND LIMITS OF CONCRETE. MINIMUM COVER REQUIREMENTS SHALL BE MAINTAINED.
3. MINIMUM UPSTREAM DEPTH SHALL BE 4".



PLAN

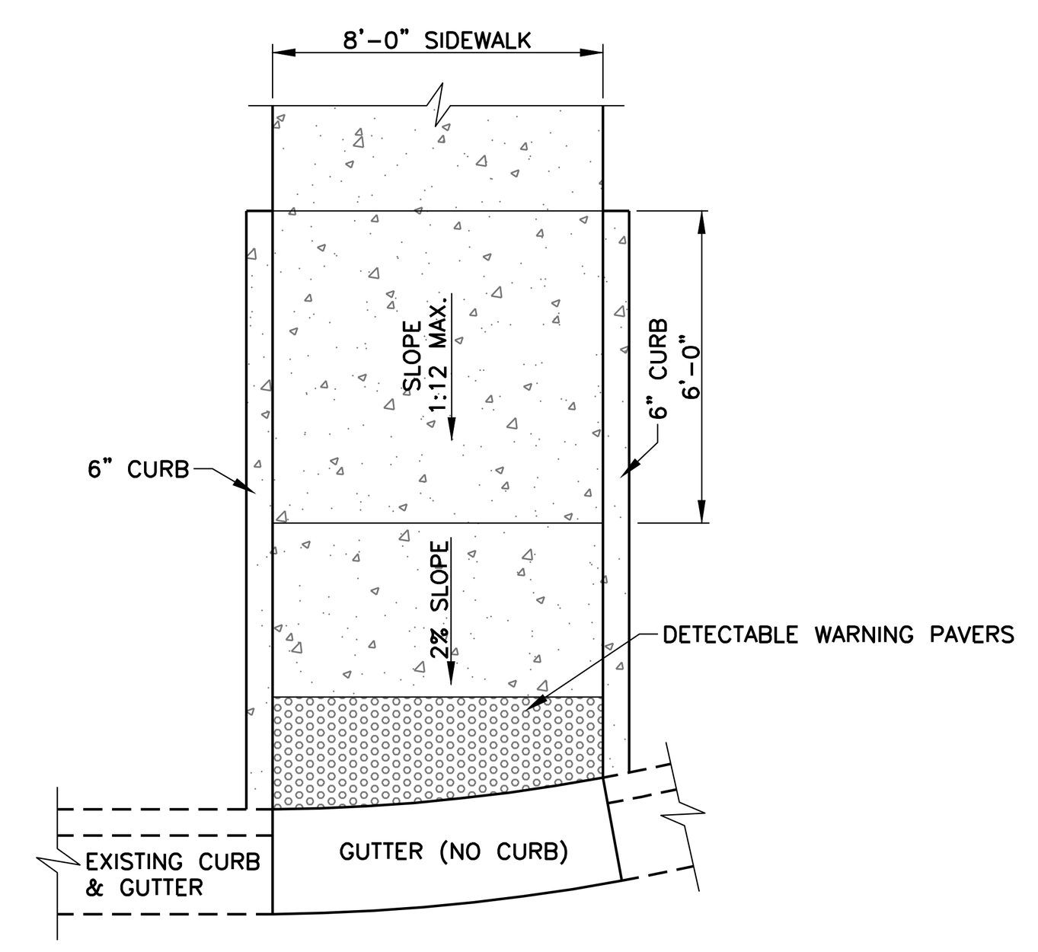
NOTE: DETECTABLE WARNING STRIPS AT THE SIDEWALKS SHALL BE GRAY, NOT CAUTION YELLOW.



SECTION "A-A"

NOTE: SURFACE TEXTURE OF THE RAMP SHALL BE THAT OBTAINED BY A COARSE BROOMING, TRANVERSE TO THE SLOPE OF THE RAMP.

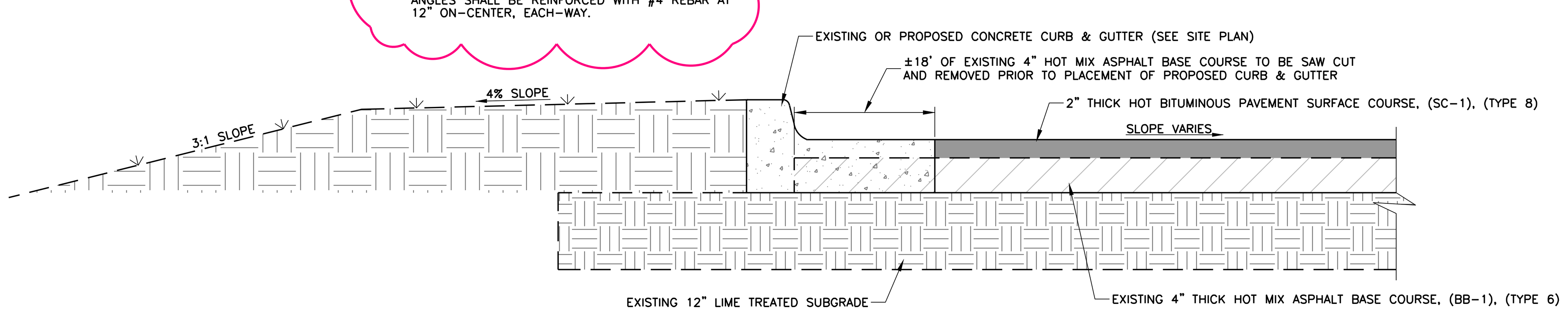
ACCESSIBLE RAMPS IN SIDEWALK FOR HANDICAP PARKING
N.T.S.



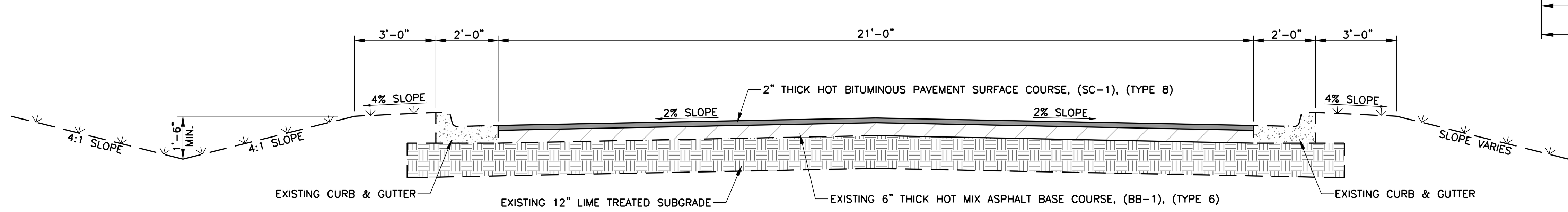
NOTE: DETECTABLE WARNING STRIPS AT THE SIDEWALKS SHALL BE GRAY, NOT CAUTION YELLOW.

NOTE: SURFACE TEXTURE OF THE RAMP SHALL BE THAT OBTAINED BY A COARSE BROOMING, TRANVERSE TO THE SLOPE OF THE RAMP.

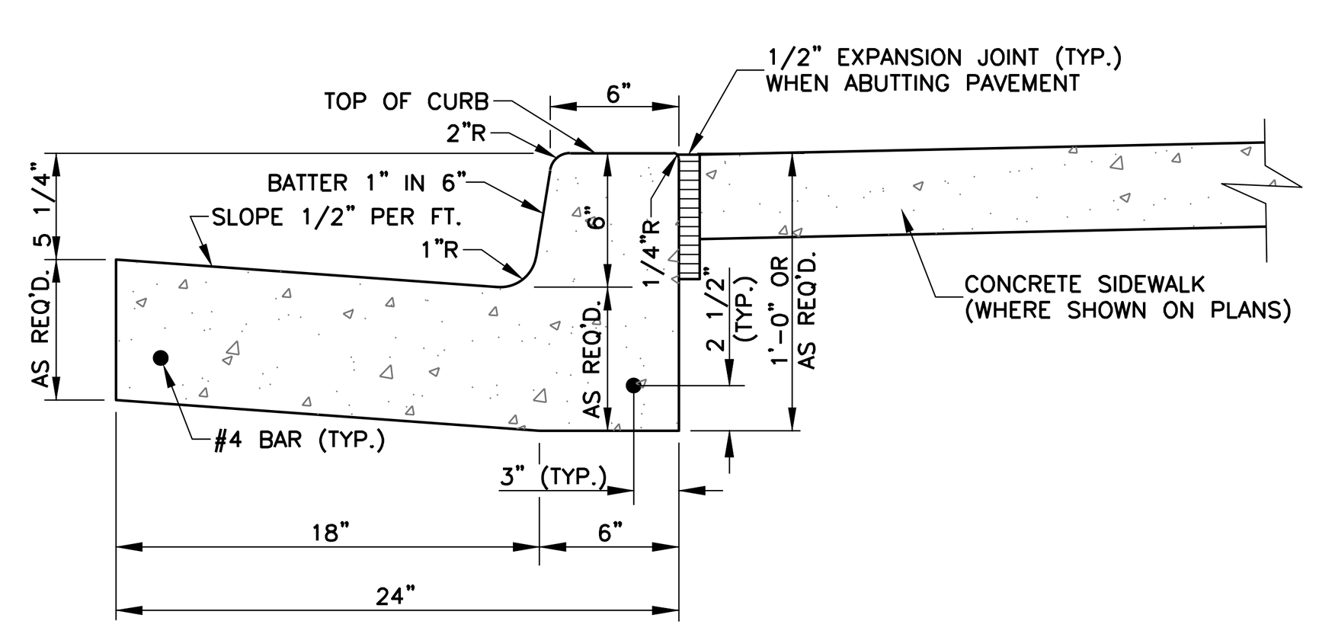
ACCESSIBLE RAMP IN SIDEWALK FOR CROSSWALK
N.T.S.



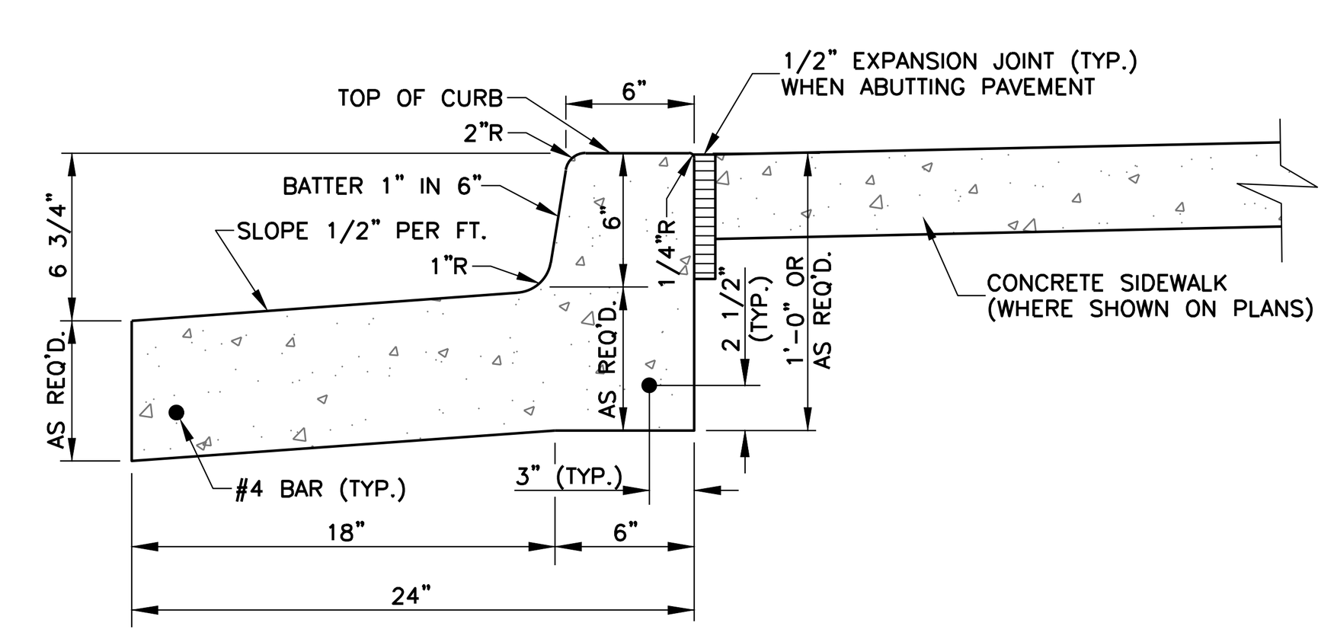
ASPHALT PAVEMENT (PARKING AND DRIVE LANES)
N.T.S.



TYPICAL SECTION (ROAD "A")
N.T.S.



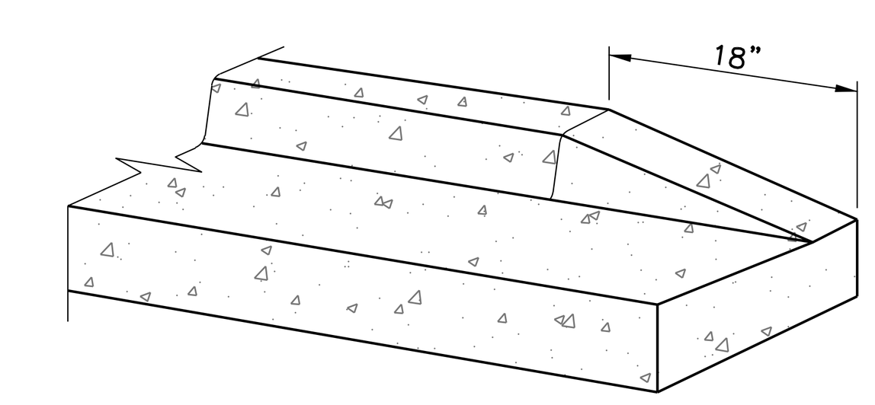
NORMAL GUTTER



PITCHED GUTTER

CONCRETE CURB AND GUTTER DETAIL
N.T.S.

NOTES:
1. CONCRETE SHALL BE 4,000 P.S.I. MINIMUM.
2. PROVIDE CONTRACTION JOINTS AT 10'-0" O.C. AND EXPANSION JOINTS AT 40'-0" O.C.
3. CONTRACTION JOINTS SHALL BE A MINIMUM OF 1" OF DEPTH AND A MAXIMUM OF 1/4 DEPTH OF THE PAVEMENT. EDGES SHALL BE TOOLED TO A 1/4" RADIUS.
4. EXPANSION JOINTS SHALL BE 1/2" IN WIDTH AND FILLED WITH PREMOLDED EXPANSION JOINT FILLER TO WITHIN 1/2" OF THE SURFACE. EDGES SHALL BE TOOLED TO A 1/4" RADIUS AND SEALED FLUSH WITH AN APPROVED SEALANT.
5. CONTRACTOR TO FIELD VEREFIY TYPE OF GUTTER PITCH USED.



CURB END TRANSITION DETAIL

McMASTER & ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
212 WATERFORD SQUARE
SUITE 300
MADISON, MS 39110
601.605.1090

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HEALTH SCIENCES COMPLEX – (RANKIN CAMPUS) HINDS COMMUNITY COLLEGE (COMMUNITY COLLEGE BOARD) PEARL, MISSISSIPPI

Sheet Number:
C5.1
MISCELLANEOUS DETAILS

HEALTH SCIENCES COMPLEX
PEARL, MS
21041

MAY 7, 2024

HEALTH SCIENCES COMPLEX (RANKIN CAMPUS)
HINDS COMMUNITY COLLEGE (COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

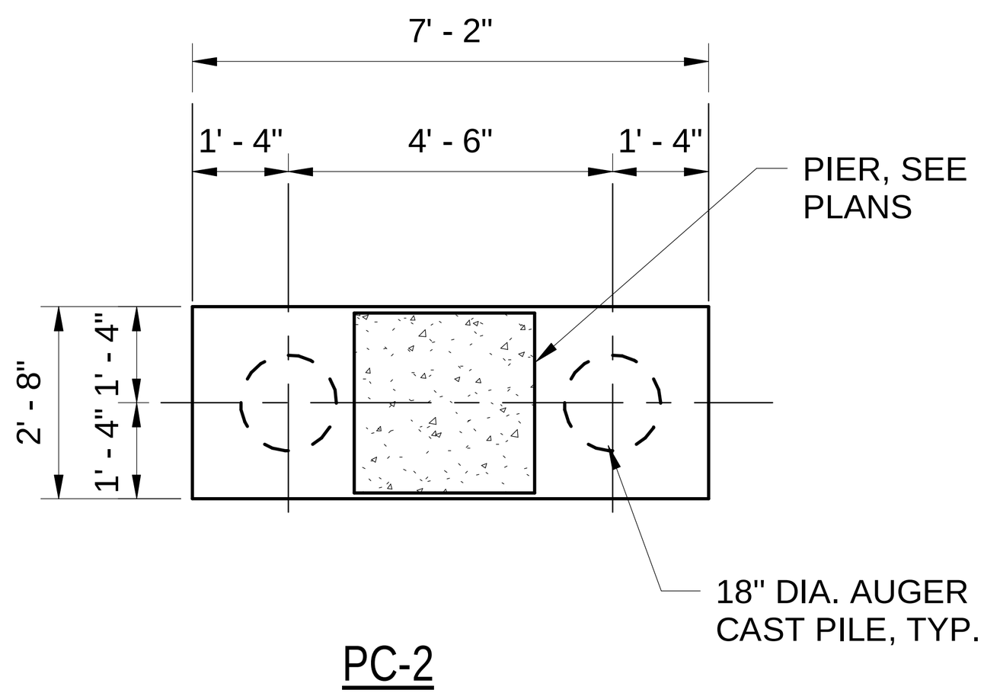
STRUCTURAL ADDENDUM #2

CLARIFICATIONS

Item No. 1 Ref. Sheet S302, details 1, 2, 5, 6, and 10 ; Ref. Sheet S305, detail 2 – the 3/8" plate which is on 4'-0" centers shall have its edge at the face of the edge angle. Welds for the vertical channels shall be as shown, full length of the channel. Provide edge weld at the exterior face and fillet weld on the interior side.

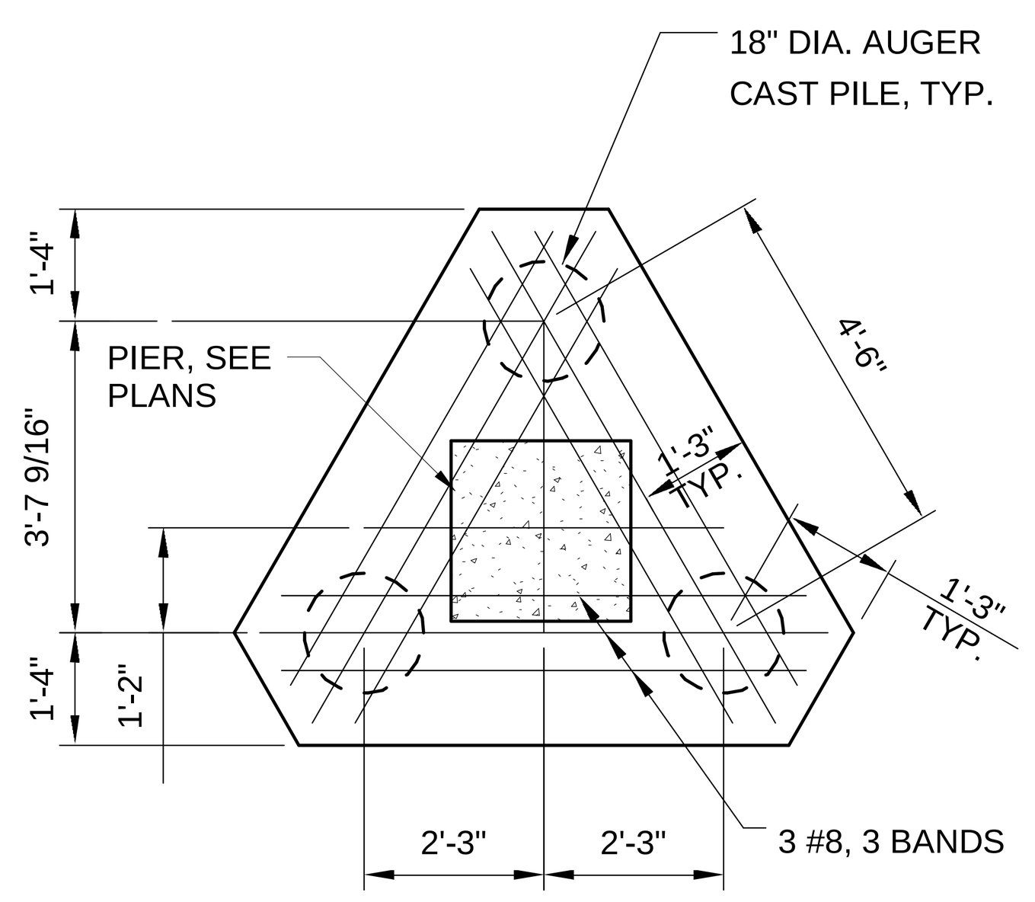
ADDENDUM

Item No. 1 Ref. Sheet S203 – Replace sheet S203 with attached sheet S203. (Revised PC-1)



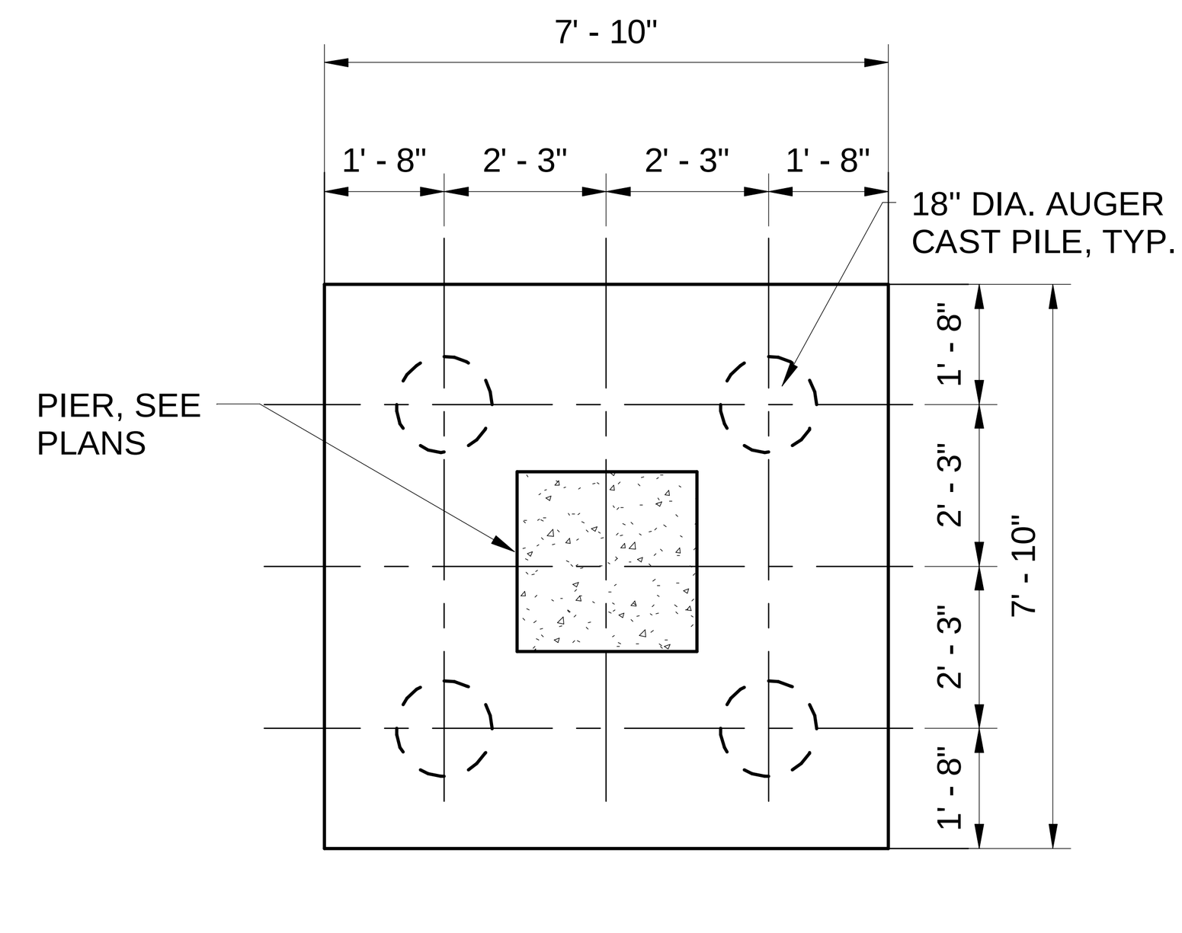
PC-2

REINF. W/ 4 #8 BOT., L.W.
5 #5 BOT., S.W.
DEPTH = 3' - 0"
NOTE: PROVIDE 180 STANDARD HOOK EA. END OF REINF.



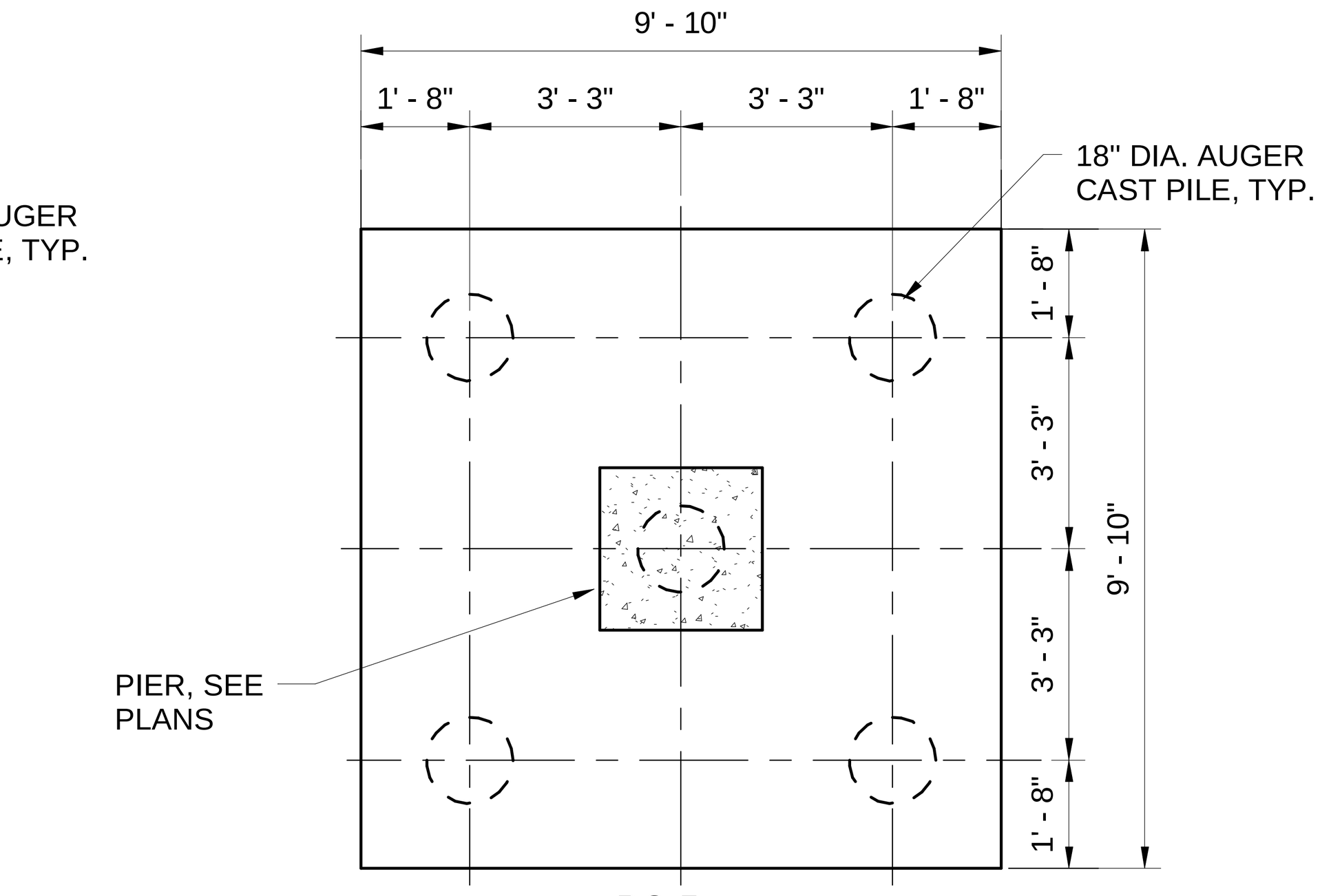
PC-3

DEPTH = 3' - 0"
NOTE: PROVIDE 180° STANDARD HOOK EACH END OF REINF.



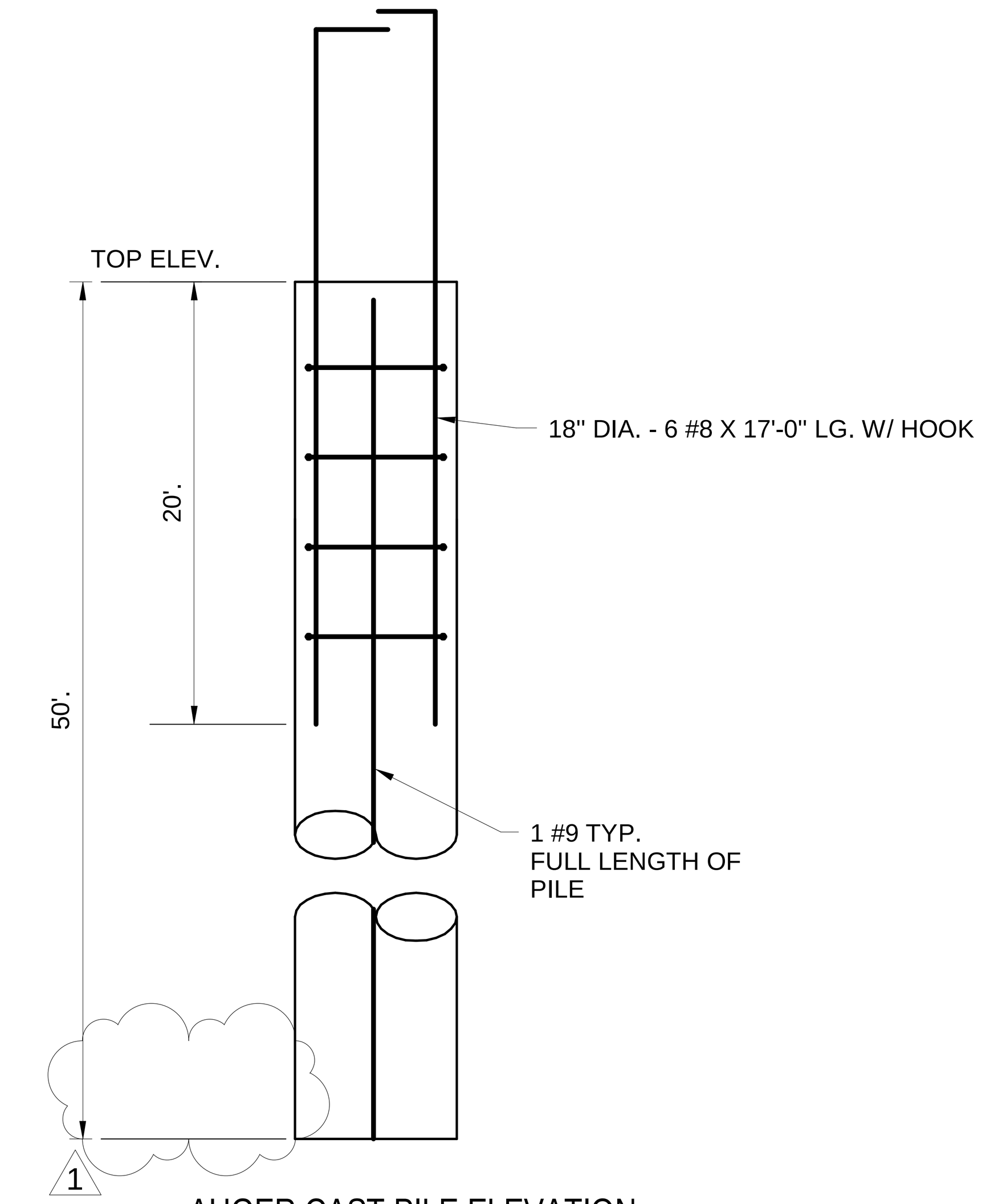
PC-4

REINF. W/ 6 #8 TOP AND BOT., E.W.
DEPTH = 3' - 0"
NOTE: PROVIDE 180 STANDARD HOOK EA. END OF REINF.

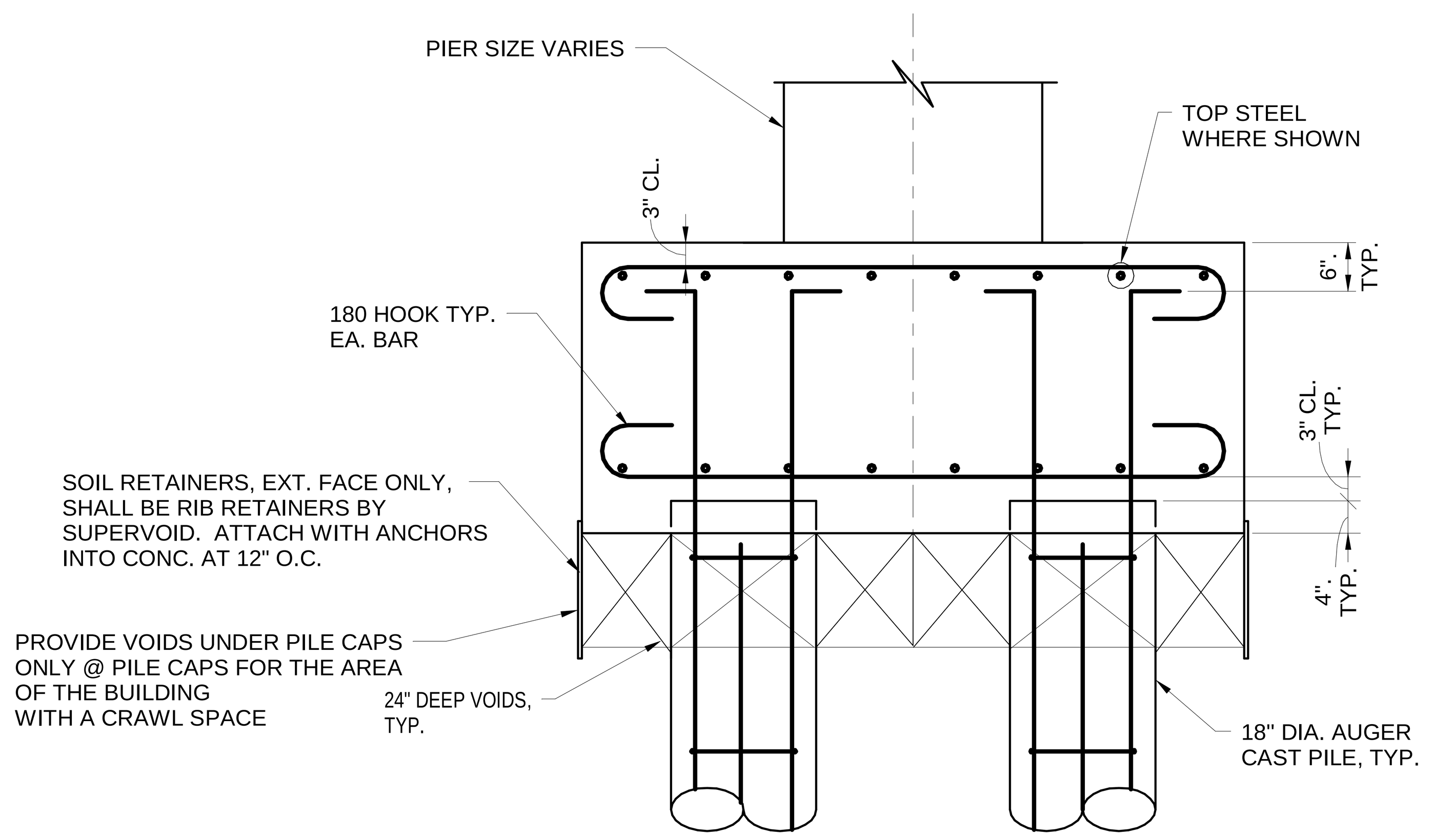


PC-5

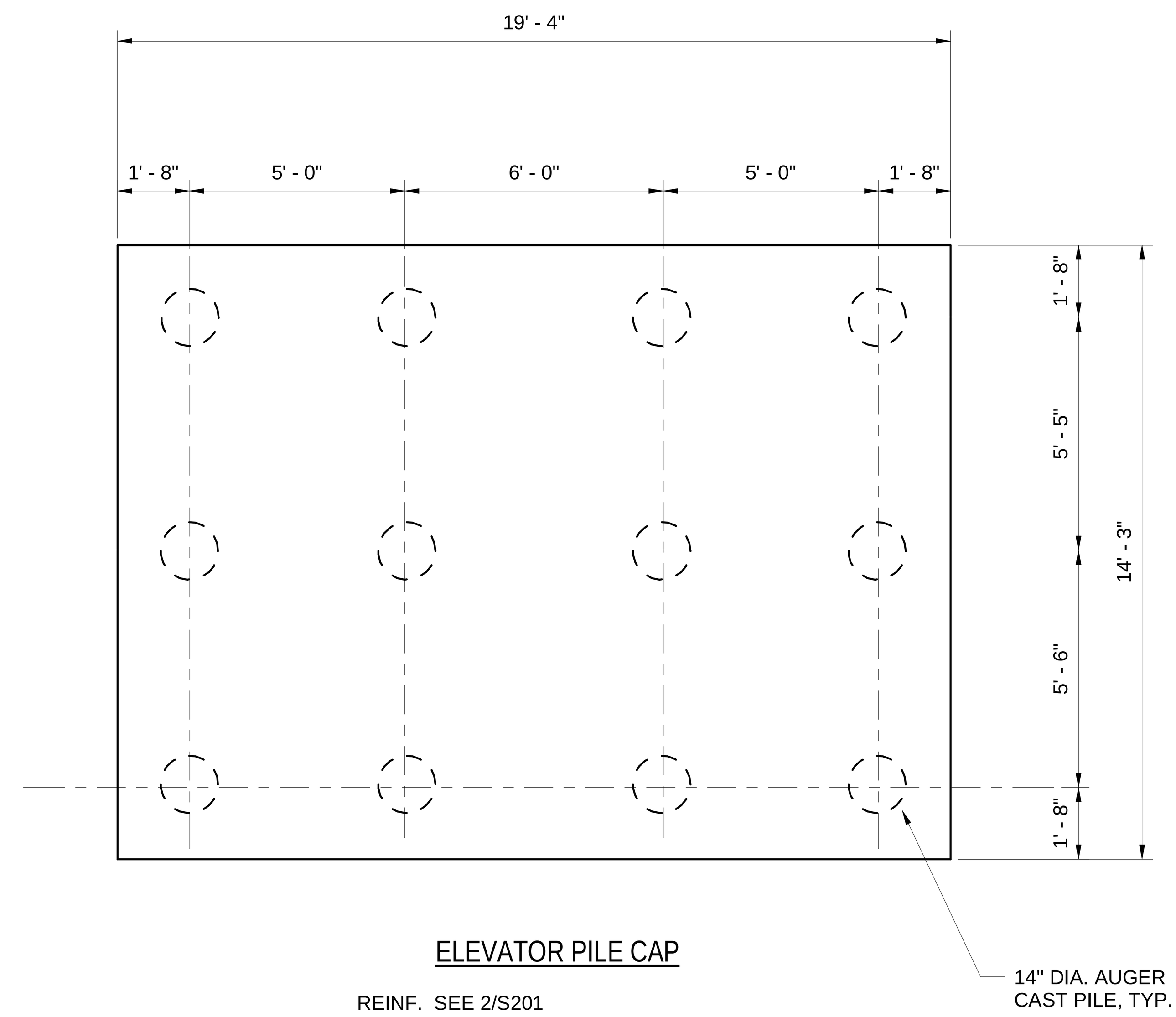
REINF. W/ 9 #8 TOP AND BOT., E.W.
DEPTH = 3' - 0"
NOTE: PROVIDE 180 STANDARD HOOK EA. END OF REINF.



AUGER CAST PILE ELEVATION

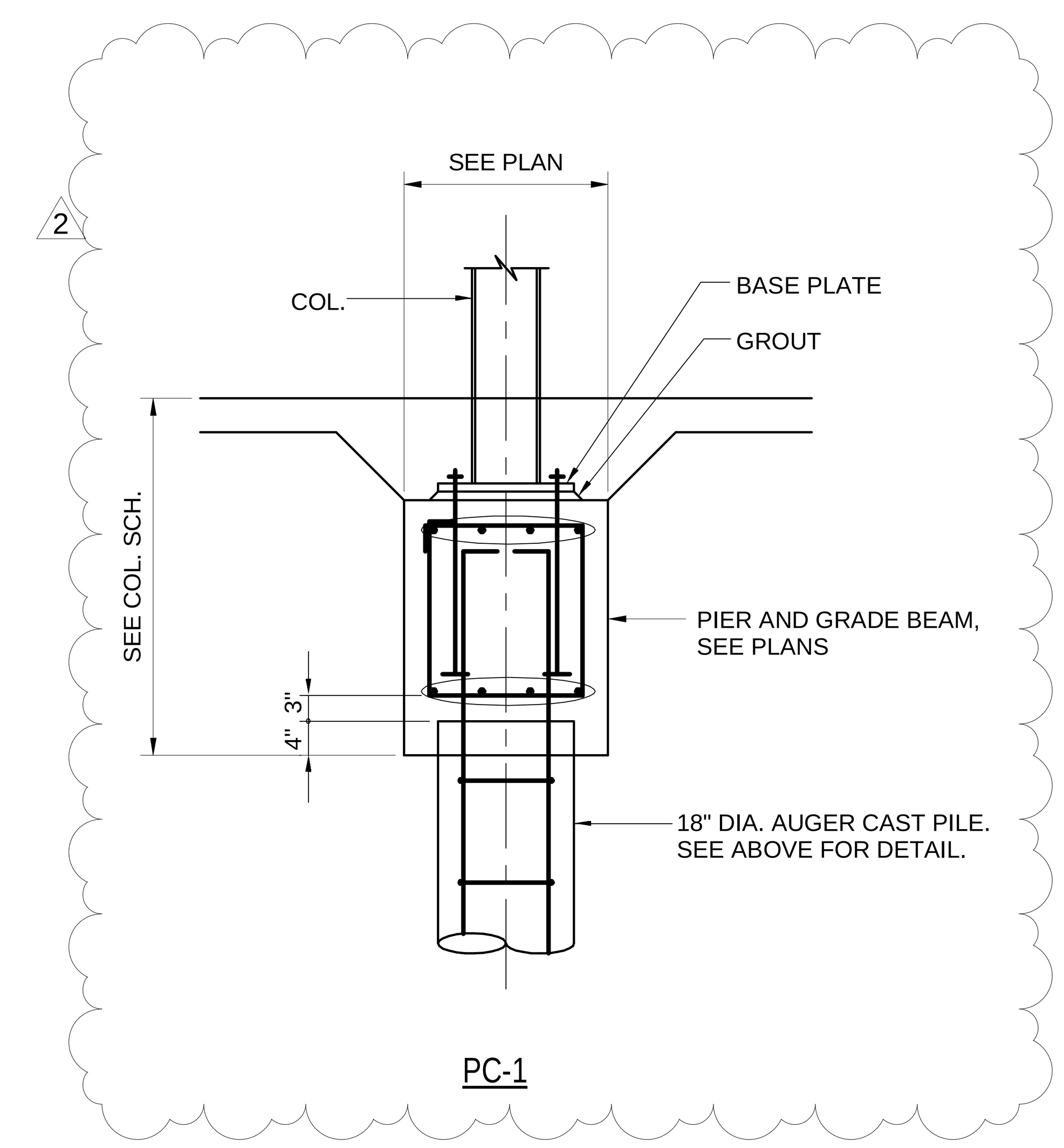


TYPICAL PILE AND PILE CAP DETAIL



ELEVATOR PILE CAP

REINF. SEE 2/S201
DEPTH = 3' - 0"
NOTE: PROVIDE 180 STANDARD HOOK EA. END OF REINF.



PC-1

DEAN ARCHITECTURE
GEDDIE | GRANT | OUBRE
661 Sunnybrook, Ste
Ridgeland, MS
601.939.77
deandean.com

KENNETH SIMMONS MCGRATH
LICENSED PROFESSIONAL ENGINEER
17006
STATE OF MISSISSIPPI
4-9-24

CONSTRUCTION DOCUMENTS

Project	21041
Dat	APRIL 11, 2024
Draw	JSB
Checke	KSM
Revision	1 APRIL 23, 2024
	2 MAY 7, 2024

HEALTH SCIENCES COMPLEX - (RANKIN CAMPUS) HINDS COMMUNITY COLLEGE (COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Spencer-Engineers, Inc.
Consultants
P.O. BOX 4329 JACKSON, MS 39216
SE# 23015

Sheet
S203
PILE CAP DETAILS

3" =1'-0" GRAPHIC SCALE
1½" =1'-0" GRAPHIC SCALE
1" =1'-0" GRAPHIC SCALE
¾" =1'-0" GRAPHIC SCALE
½" =1'-0" GRAPHIC SCALE
¼" =1'-0" GRAPHIC SCALE
⅛" =1'-0" GRAPHIC SCALE

ENGINEERING RESOURCE GROUP

May 7, 2024

ADDENDUM NO. TWO (2)

Hinds CC HSC
ERG P.N. 23.024

I. CLARIFICATIONS TO DRAWINGS AND SPECIFICATIONS

A. Remove all references to NFPA 99 from the medical gas/vacuum systems.

II. PERTAINING TO THE DRAWINGS

A. M105, M107 thru M111 and M113 thru M116

a. Note 1 to read: “MEDIUM PRESSURE DUCTWORK TO BE DOUBLE WALL FROM AHU TO THIS POINT.”
b. Note 2 to read: “RETURN AIR DUCTWORK TO BE DOUBLE WALL FROM AHU TO THIS POINT.”

B. M106

a. Replace this sheet in its entirety.
b. Removed LSD-1 at stair and adjust airflow to remaining LSD-1 slots.
c. Revised Note 1 and Note 2.

C. M112

a. Remove Note 1 and Note 2 from this sheet.

D. M401

a. Replace this sheet in its entirety.
b. Duct from BCU-1 is 12” round and shall be double wall with flanges.

III. PERTAINING TO THE SPECIFICATIONS

A. 233113-2.7 – Metal Ducts

a. Flanges are required on all ductwork 12” and larger.

GENERAL NOTES:

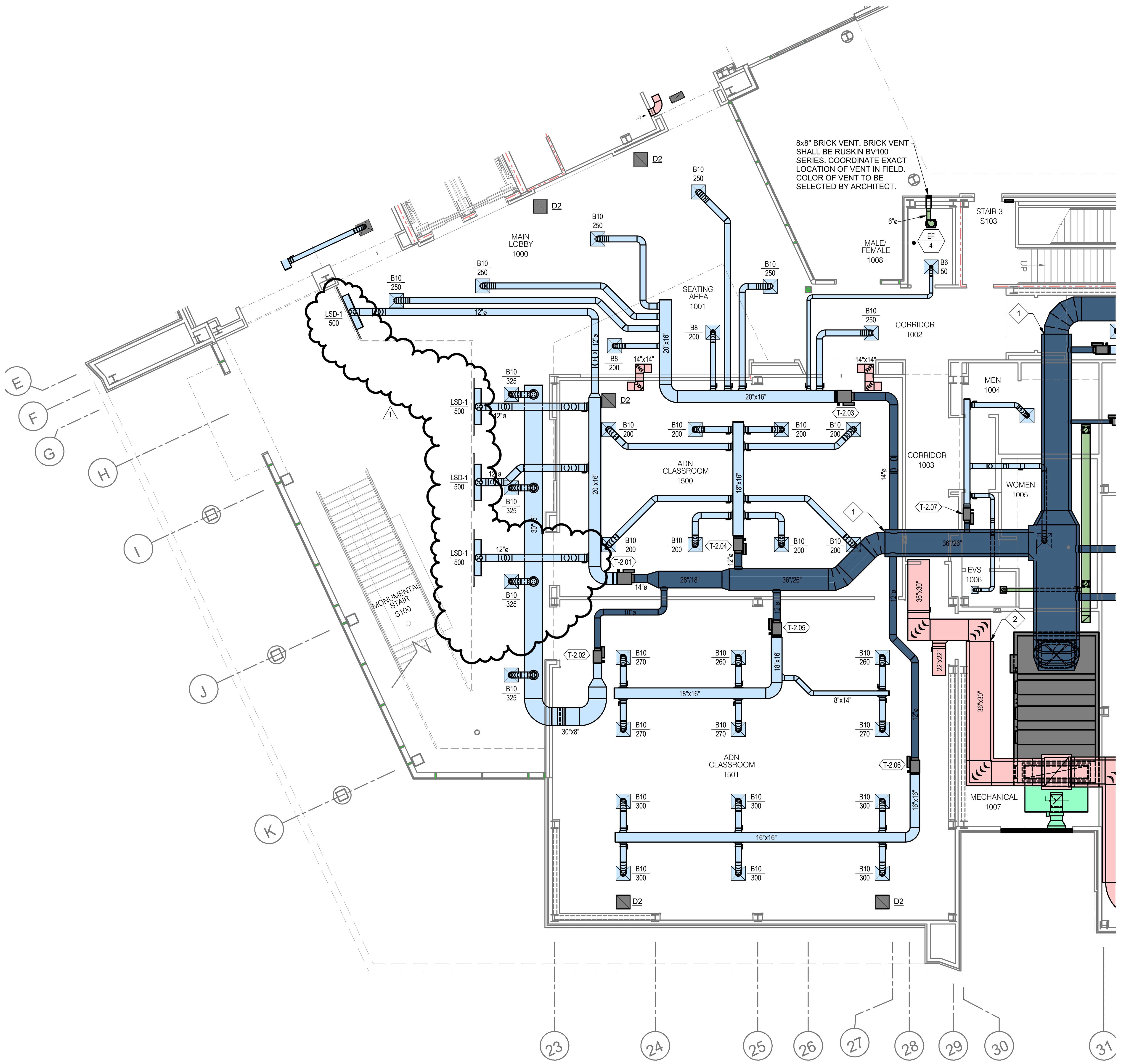
A. CAP OPEN ENDS OF DUCTWORK WITH 1/4" HARD WIRE CLOTH.

B. BLANK OFF AND INSULATE (MIN. R-30) UNUSED PORTION OF LOUVER.

PLAN NOTES:

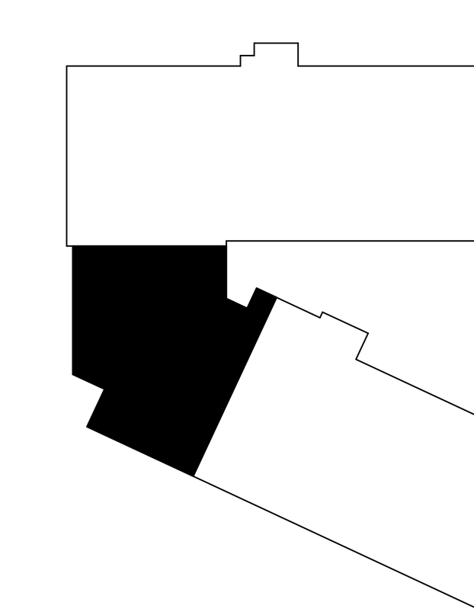
1. MEDIUM PRESSURE DUCTWORK TO BE DOUBLE WALL FROM AHU TO THIS POINT.

2. RETURN AIR DUCTWORK TO BE DOUBLE WALL FROM AHU TO THIS POINT.



GROUND FLOOR HVAC FLOOR PLAN - PART "B"

1/M106 — 1/8" = 1'-0"



KEY PLAN

DEAN ARCHITECTURE

661 Sunnybrook, Ste 140
Ridgeland, MS 39157
601 939 7717
deandean com

JASON CHRISTOPHER GROSSI — LICENSED PROFESSIONAL ENGINEER — 17087 — 4-11-24 — STATE OF MISSISSIPPI

ENGINEERING RESOURCE GROUP, INC. — ERG# 23.024

CONSTRUCTION DOCUMENTS

Project No.: 21041
Date: April 11, 2024
Drawn: CMM, GCC
Checked: JCG
Revisions: 1 Addendum 2 - 05.07.2024

HEALTH SCIENCES COMPLEX - (RANKIN CAMPUS) HINDS COMMUNITY COLLEGE (COMMUNITY COLLEGE BOARD)

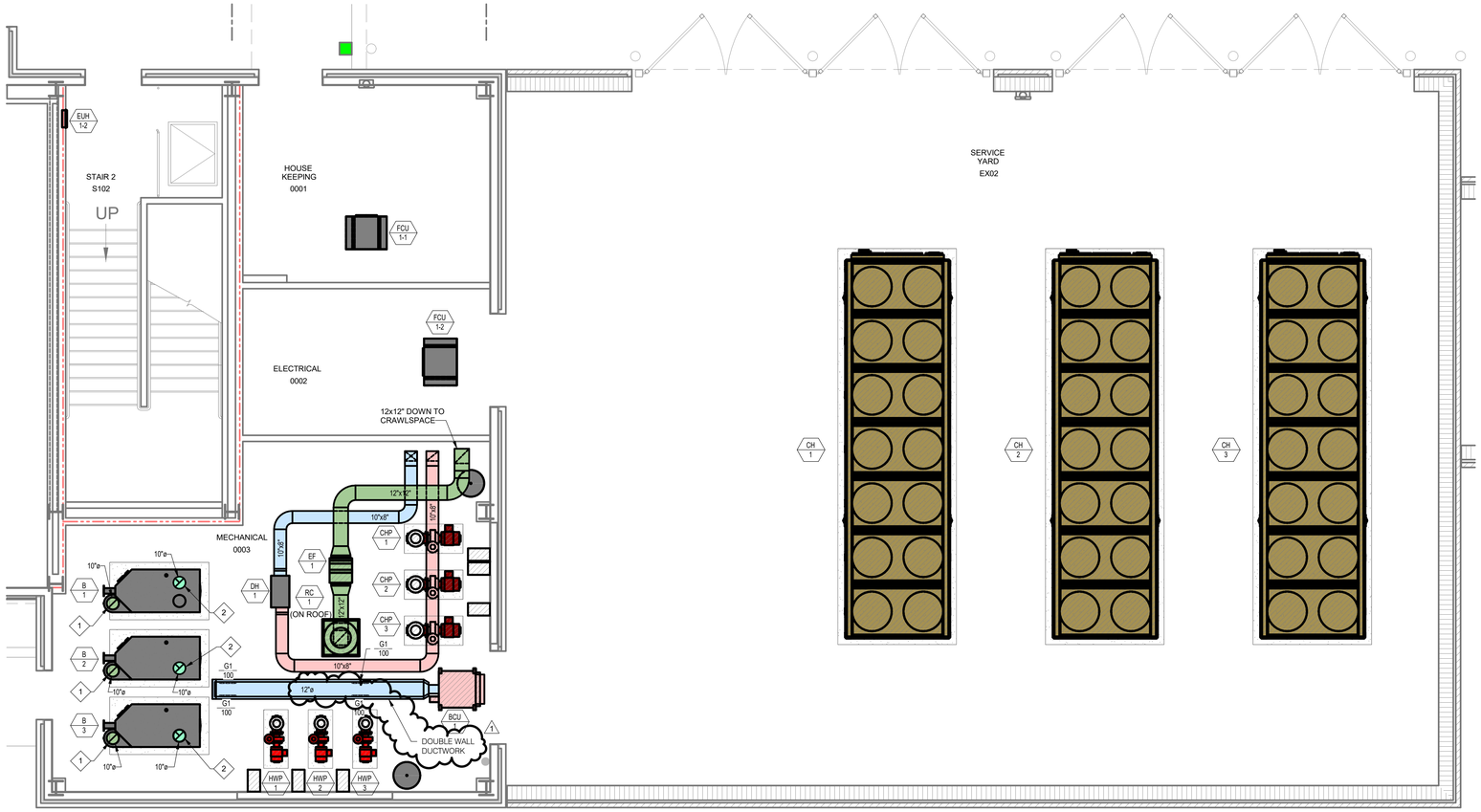
PEARL, MISSISSIPPI

Sheet Number: M106

GROUND FLOOR HVAC PLAN - PART "B"

PLAN NOTES:

1. ROUTE FLUE VENT UP FROM BOILER THRU ROOF. PROVIDE AND INSTALL MANUFACTURER'S RECOMMENDED CAP ON ROOF. SIZE AND ROUTE VENT PER MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE AND INSTALL COMBUSTION AIR VENTS FROM BOILER THRU ROOF. PROVIDE AND INSTALL MANUFACTURER'S RECOMMENDED CAP ON ROOF. SIZE AND ROUTE VENT PER MANUFACTURER'S RECOMMENDATIONS.



1 M401 ENLARGED MECHANICAL YARD HVAC FLOOR PLAN

1/4" = 1'-0"

1" = 1'-0" GRAPHIC SCALE
1 1/2" = 1'-0" GRAPHIC SCALE
3/4" = 1'-0" GRAPHIC SCALE
1/2" = 1'-0" GRAPHIC SCALE
1/4" = 1'-0" GRAPHIC SCALE
3" = 1'-0" GRAPHIC SCALE

DEAN ARCHITECTURE
E DIE | RANT | OU RE
661 Sunnybrook, Ste 140
Ridgeland, MS 39157
601 939 7717
deandean com

JASON CHRISTOPHER DEAN
LICENSED PROFESSIONAL ENGINEER
17087
4-11-24
STATE OF MISSISSIPPI

CONSTRUCTION DOCUMENTS

Project No.: 21041
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HEALTH SCIENCES COMPLEX -
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)

PEARL, MISSISSIPPI

Sheet Number:

M401

ENLARGED MECHANICAL YARD HVAC PLAN

ERG# 23.024
ERG ENGINEERING RESOURCE GROUP, INC.

HEALTH SCIENCES COMPLEX
PEARL, MS
2023

The Power Source, PLLC
Consulting Engineers
305 Hwy 51
Ridgeland, MS 39157 **Telephone: (601) 605-4820**

Addendum #2

Date: 5/7/2024
To: Brad Heath, Dean Architecture
From: Chris Green, PE
Subject: **Hinds Community College – Health Science Center**
TPS PN: 23040

The following item shall be incorporated into the bid documents:

Refer to drawings.

Item # 1 – Sheet E000 –Modified electrical legend.

Sincerely,

Chris Green, PE
The Power Source, PLLC

ELECTRICAL LEGEND

GENERAL NOTES

1. ALL EQUIPMENT AND DEVICES ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.
2. OBJECTS NOTED AS "GFI" SHALL BE GROUND FAULT INTERRUPTING DEVICES.
3. DEVICES NOTED AS "WP" SHALL BE WEATHERPROOF WHILE-IN-USE.
4. DEVICES NOTED AS "NL" SHALL BE NIGHT LIGHTS. PROVIDE UNSWITCHED POWER.
5. PROVIDE UNSWITCHED POWER TO ALL EMERGENCY BATTERY PACKS AND EXIT SIGNS.

LUMINAIRES (See Light Fixture Schedule)

NOTE: THE NUMBER INSIDE THE CIRCLE IS THE CIRCUIT NUMBER. THE LETTER BESIDE THE SYMBOL IS THE FIXTURE TYPE DESCRIBED IN THE LIGHT FIXTURE SCHEDULE.

- 2'X4' RECESSED FIXTURE.
- 2'X4' RECESSED EMERGENCY FIXTURE.
- SURFACE MOUNTED OR SUSPENDED FIXTURE.
- SURFACE MOUNTED OR SUSPENDED EMERGENCY FIXTURE.
- RECESSED CEILING FIXTURE.
- RECESSED EMERGENCY CEILING FIXTURE.
- PENDANT MOUNT FIXTURE.
- CEILING MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.
- WALL MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.
- WALL MOUNTED LINEAR FIXTURE.
- WALL MOUNTED EMERGENCY LINEAR FIXTURE.
- 2'X2' RECESSED FIXTURE.
- SITE ARM MOUNT POLE LIGHT FIXTURE.
- WALL MOUNTED FIXTURE.
- WALL MOUNTED EMERGENCY FIXTURE.
- STANCHION MOUNTED SPOTLIGHT.

NURSE CALL SYSTEM

- CB — COMBINATION NURSE CALL DUTY STATION/CODE BLUE BUTTON. MOUNT CENTERLINE OF BOX AT 60" A.F.F. UNLESS NOTED OTHERWISE. CONSULT WITH OWNER'S VENDOR FOR EXACT BACK BOX SIZE AND REQUIREMENTS. PROVIDE A 3/4"C. FROM THE BACK BOX TO ABOVE THE ACCESSIBLE CEILING.
- NCM — NURSE CALL MASTER STATION (DESK MOUNTED). CONSULT WITH THE OWNER'S VENDOR FOR EXACT ELECTRICAL REQUIREMENTS PRIOR TO ROUGH-IN.
- CB-NC — COMBINATION CODE BLUE/PATIENT CALL CORD. MOUNT CENTERLINE OF BOX AT 42" A.F.F. UNLESS NOTED OTHERWISE. CONSULT WITH OWNER'S VENDOR FOR EXACT BACK BOX SIZE AND REQUIREMENTS. PROVIDE A 3/4"C. FROM THE BACK BOX TO ABOVE THE ACCESSIBLE CEILING.
- DS — NURSE CALL DUTY STATION. MOUNT CENTERLINE OF BOX AT 42" A.F.F. UNLESS NOTED OTHERWISE. CONSULT WITH OWNER'S VENDOR FOR EXACT BACK BOX SIZE AND REQUIREMENTS. PROVIDE A 3/4"C. FROM THE BACK BOX TO ABOVE THE ACCESSIBLE CEILING.
- D — NURSE CALL DOME LIGHT MOUNTED IN CEILING. CONSULT WITH OWNER'S VENDOR FOR EXACT BACK BOX SIZE AND REQUIREMENTS.
- E — BATHROOM PULL STATION. MOUNT CENTERLINE OF BOX AT 42" A.F.F. UNLESS NOTED OTHERWISE. CONSULT WITH OWNER'S VENDOR FOR EXACT BACK BOX SIZE AND REQUIREMENTS. PROVIDE A 3/4"C. FROM THE BACK BOX TO ABOVE THE ACCESSIBLE CEILING.

ACCESS CONTROL

- PX — PUSH PLATE EXIT. PROVIDE A TWO GANG OUTLET BOX AT 45"A.F.F. WITH A 3/4" CONDUIT TO ABOVE THE ACCESSIBLE CEILING.
- ES — ELECTRIC STRIKE. 3/4"C. (2)
- CR — CARD READER. PROVIDE A SINGLE GANG OUTLET BOX AT 45"A.F.F. WITH A 3/4" CONDUIT TO ABOVE THE ACCESSIBLE CEILING.
- DHO — DOOR HOLD OPEN. 3/4"C. (2)
- EPT — ELECTRIC POWER TRANSFER HINGE. 3/4"C.
- DISCONNECT SWITCH FOR AUTOMATIC DOORS MOUNTED ABOVE ACCESSIBLE CEILING

MISCELLANEOUS

- WALL MOUNTED JUNCTION BOX.
- CEILING MOUNTED JUNCTION BOX.
- CABLE TELEVISION OUTLET
- RAP — GENERATOR REMOTE ANNUNCIATOR PANEL
- PE — ROOF MOUNTED PHOTOCELL. MOUNT TOWARD NORTHERN SKY CLEAR OF ALL OBSTRUCTIONS.
- C-# — LIGHTING CANTACTOR. NUMBER/LETTER DESIGNATE SPECIFIC LIGHTING CONTACTOR.
- PD — DUAL CHANNEL ALUMINUM POWER/TELECOMMUNICATIONS POLE. VERIFY EXACT REQUIREMENTS AND LOCATIONS WITH OWNER PRIOR TO ROUGH-IN. VERIFY FINISH WITH ARCHITECT.
- PD — POWER/TELECOMMUNICATION PROVISIONS FOR MODULAR FURNITURE LOCATED AT WALL. VERIFY EXACT REQUIREMENTS AND LOCATIONS WITH OWNER PRIOR TO ROUGH-IN.

SWITCHES

NOTE: ALL SWITCHES ON LIFE SAFETY, CRITICAL BRANCH, OR EQUIPMENT BRANCH EMERGENCY POWER SHALL BE RED. ALL OTHER DEVICES SHALL BE WHITE.

- \$ — SINGLE-POLE, SINGLE-THROW SWITCH. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.
- 3\$ — THREE-WAY SWITCH. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.
- \$T — HORSEPOWER RATED SWITCH WITH THERMAL OVERLOADS (MANUAL MOTOR STARTER).
- M — AUTOMATIC VACANCY WALL SWITCH WITH 0-10V DIMMING EQUAL TO SENSORSWITCH #WSX-PDT-D-SA OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.
- M\$ — AUTOMATIC WALL SWITCH EQUAL TO SENSORSWITCH #WSX-PDT OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.
- NGFX — GRAPHIC WALL POD CONTROLLER. EQUAL TO nLIGHT #nPOD GFX-WH OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.
- PP — POWER PACK MOUNTED ABOVE CEILING. SENSORSWITCH #PP20 OR APPROVED EQUAL.
- HMD — HIGH CEILING MOUNT OCCUPANCY SENSOR WITH AUTO-DIMMING PHOTOCELL & PASSIVE INFRARED/ULTRASONIC DUAL TECHNOLOGY SENSOR. nLIGHT #nCM-10-RJB-ADCX-AR OR APPROVED EQUAL.
- MD — PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 28' RADIAL COVERAGE. CEILING MOUNTED. SENSORSWITCH #CM-PDT-10 OR APPROVED EQUAL.
- ELCU — EMERGENCY LIGHTING CONTROL UNIT. EQUAL TO IOTA #ETS20 DR OR APPROVED EQUAL. MOUNT ELCU IN DRY, ACCESSIBLE LOCATION FOR EXTERIOR APPLICATIONS.
- RP# — LIGHTING RELAY PANEL. nLIGHT #ARP INTENC08 NLT-8FCR-MVOLT-1VB-SC-SM OR APPROVED EQUAL.
- NPP — RELAY/POWER PACK MOUNTED ABOVE ACCESSIBLE CEILING. nLIGHT #nPP16-D-EFP OR APPROVED EQUAL.
- ENPP — EMERGENCY RELAY PACK MOUNTED ABOVE ACCESSIBLE CEILING. nLIGHT #nPP16-D-ER-EFP OR APPROVED EQUAL.
- PS150 — STANDARD POWER SUPPLY. nLIGHT #PS 150 OR APPROVED EQUAL.

CONDUIT AND WIRING

- CONDUCTORS IN CONDUIT CONCEALED WITHIN WALL OR CEILING. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. FOR EXAMPLE, THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.
- 10 — THE TEXT INSIDE THE ARC INDICATES THE AWG SIZE OF THE CONDUCTORS THAT SHALL BE RUN IN THE CONDUIT. THE ABSENCE OF TEXT SIGNIFIES THAT THE CONDUCTORS SHOULD BE #12 AWG.
- CIRCUITRY RUN IN STRAIGHT LINE SEGMENTS SIGNIFIES EXPOSED SURFACE-MOUNTED RACEWAY (SEE SPECIFICATIONS).
- CONDUCTORS IN CONDUIT CONCEALED BELOW GRADE OR FLOOR. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.
- LA-1 — HOMERUN TO PANELBOARD. ARC DENOTES CONCEALED CIRCUITRY. TEXT DENOTES PANELBOARD NAME WITH CIRCUIT NUMBER BELOW. DEVICES HAVING CIRCUIT NUMBERS LOCATED BESIDE THEM MAY NOT SHOW THE CIRCUIT NUMBERS AT THE HOMERUN ARROWS.
- LA-1 — PARTIAL HOMERUN TO PANELBOARD. COMBINE ALL PARTIAL HOMERUNS THAT ARE ON THE SAME CIRCUIT IN A JUNCTION BOX PRIOR TO ENTERING THE PANELBOARD.
- LOW VOLTAGE CONDUCTORS USED FOR MOTION DETECTOR CIRCUITRY. SEE MANUFACTURER'S RECOMMENDATIONS FOR CONDUCTOR REQUIREMENTS.
- LIFE SAFETY BRANCH CONDUCTORS IN CONDUIT CONCEALED WITHIN WALL OR CEILING.
- CRITICAL BRANCH CONDUCTORS IN CONDUIT CONCEALED WITHIN WALL OR CEILING. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. FOR EXAMPLE, THE MARKINGS TO THE LEFT SIGNIFY THAT TWO #12 AWG CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.

FIRE ALARM SYSTEMS

- SMOKE DETECTOR.
- F — STROBE. MOUNT 80"A.F.F. TO BOTTOM OF BOX.
- S — COMBINATION SPEAKER AND STROBE. MOUNT 80"A.F.F. TO BOTTOM OF BOX.
- E — ELEVATOR RECALL SMOKE DETECTOR.
- T — THERMAL DETECTOR.
- DR — DUCT SMOKE DETECTOR IN RETURN DUCT.
- DS — DUCT SMOKE DETECTOR IN SUPPLY DUCT.
- RR — ELEVATOR RATE OF RISE TEMPERATURE DETECTOR
- FT — ELEVATOR FIXED TEMPERATURE DETECTOR
- F — MANUAL PULL STATION. MOUNT 48"A.F.F. TO CENTERLINE OF BOX.
- FS — FLOW SWITCH.
- TS — TAMPER SWITCH.
- PIV — POST INDICATOR VALVE
- FACP — FIRE ALARM CONTROL PANEL. CIRCUIT BREAKER SHALL BE COLORED RED.
- FAAP — FIRE ALARM ANNUNCIATOR PANEL.
- FIRE ALARM SPEAKER AND STROBE MOUNTED ON THE CEILING TO A FLUSH MOUNTED BOX.
- FIRE ALARM STROBE MOUNTED ON THE CEILING TO A FLUSH MOUNTED BOX.

RECEPTACLES

- DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPLASH AND 6" ABOVE COUNTER WITHOUT BACKSPLASH. WHERE RECEPTACLE IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT 42"A.F.F. TO CENTERLINE OF BOX.
- DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, ONE COVER PLATE, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, ONE COVER PLATE, MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPLASH, AND 6" ABOVE COUNTER WITHOUT BACKSPLASH. WHERE RECEPTACLE IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT 45"A.F.F. TO CENTERLINE OF BOX.
- TWIST-LOCK RECEPTACLE, NEMA L14-20R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- DF — DUPLEX RECEPTACLE, NEMA 5-20R, FOR DRINKING FOUNTAIN FED FROM GFCI BREAKER. MOUNTED IN ACCORDANCE WITH MANUFACTURER'S ROUGH-IN REQUIREMENTS. VERIFY CONNECTION TYPE PRIOR TO BID. RECEPTACLE SHALL BE MOUNTED, CONCEALED BEHIND THE SHROUD OF THE DRINKING FOUNTAIN.
- SINGLE RECEPTACLE, NEMA 6-30R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R AND A COMBINATION TELEPHONE/DATA OUTLET MOUNTED IN A FLOOR BOX.
- SINGLE RECEPTACLE, NEMA 5-30R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPLASH AND 6" ABOVE COUNTER WITHOUT BACKSPLASH. WHERE RECEPTACLE IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT 42"A.F.F. TO CENTERLINE OF BOX. (2)
- DUPLEX RECEPTACLE WITH USB, NEMA 5-20R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE. HUBBELL: USB20AC5W

VOLTAGE DROP CHART FOR 20A, 1Ø CIRCUITS

Voltage	Circuit Length	Conductor Size (awg)
120	< 90'	#12
120	> 90'	#10
120	> 145'	#8
120	> 230'	#6
277	< 200'	#12
277	> 200'	#10
277	> 325'	#8
277	> 525'	#6

VOLTAGE DROP CHART NOTES:
1) CIRCUIT SIZES INDICATED ON THE DRAWINGS ARE MINIMUM REQUIREMENTS. REFER TO THIS CHART FOR UPSIZING CONDUCTORS AS NEEDED.

2) DO NOT CONNECT CONDUCTORS LARGER THAN #10 DIRECTLY TO A RECEPTACLE OR A SWITCH.
PROVIDE A JUNCTION BOX TO DOWNSIZE THE CONDUCTOR TO #12 AT THE DEVICE.

3) FOR CIRCUITS LONGER THAN THOSE LISTED ABOVE, CONSULT WITH THE ENGINEER FOR CONDUCTOR SIZES.

GEAR

- PANELBOARD
- FLUSH MOUNTED PANELBOARD
- ?/?/? F-? — FUSED DISCONNECT SWITCH. TEXT INDICATES AMPACITY/NUMBER OF POLES/ENCLOSURE TYPE; F-(RATING OF FUSES).
- ?/?/? — NON-FUSED DISCONNECT SWITCH. TEXT INDICATES AMPACITY/NUMBER OF POLES/ENCLOSURE TYPE.
- MAGNETIC MOTOR STARTER.
- W/E — DISCONNECT PROVIDED WITH EQUIPMENT

COMMUNICATIONS (CABLE PULLED IN CONTRACT)

NOTE: THE NUMBER BESIDE THE SYMBOL IS THE NUMBER OF TELEPHONE OR DATA CABLES TO BE INSTALLED IN THIS OUTLET. IF NO NUMBER IS SHOWN , A SINGLE CABLE SHALL BE ASSUMED. IF NO NUMBER IS SHOWN ON A COMBINATION OUTLET, A SINGLE TELEPHONE CABLE AND A SINGLE DATA CABLE SHALL BE ASSUMED.

- COMBINATION TELEPHONE/DATA OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- COMBINATION TELEPHONE/DATA OUTLET MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPLASH, AND 6" ABOVE COUNTER WITHOUT BACKSPLASH.
- DATA OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- DATA OUTLET MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPLASH, AND 6" ABOVE COUNTER WITHOUT BACKSPLASH.
- TELEPHONE OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- TELEPHONE OUTLET MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPLASH, AND 6" ABOVE COUNTER WITHOUT BACKSPLASH.
- DATA OUTLET MOUNTED FLUSH IN CEILING UNLESS NOTED OTHERWISE.

1/E000 ELECTRICAL LEGEND
Scale: NONE

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	PART NUMBER	LAMPS	MOUNTING	REMARKS
A	LITHONIA	EPANL-2X4-7200LM-80CRI-40K-MIN1-ZT-MVOLT	LED, 66W 7,659 LUMENS	RECESSED GRID	2'x4' LED PANEL
B	LITHONIA	EPANL-2X4-5400LM-80CRI-40K-MIN1-ZT-MVOLT	LED, 48W 5,681 LUMENS	RECESSED GRID	2'x4' LED PANEL
C	LITHONIA	EPANL-2X4-3000LM-80CRI-40K-MIN1-ZT-MVOLT	LED, 29W 3,266 LUMENS	RECESSED GRID	2'x4' LED PANEL
D	LITHONIA	EPANL-2X4-4800LM-80CRI-40K-MIN1-ZT-MVOLT	LED, 48W 5,119 LUMENS	RECESSED GRID	2'x4' LED PANEL
EP	LITHONIA	CLX-L48-4000LM-SEF-FDL-MVOLT GZ10-40K-80CRI-WH	LED, 23W 4,009 LUMENS	WALL	
F	LITHONIA	EPANL-2X2-3400LM-80CRI-40K-MIN1-ZT-MVOLT	LED, 30W 3,565 LUMENS	RECESSED GRID	2'x2' LED PANEL
G	LITHONIA	2BLT2-48L-ADSM-MVOLT-EZ1-LP840	LED, 43W 5,124 LUMENS	RECESSED GRID	2'x2' LED TROFFER
H	LITHONIA	2BLT2-33L-ADSM-MVOLT-EZ1-LP840	LED, 26W 3,368 LUMENS	RECESSED GRID	2'x2' LED TROFFER
J	LITHONIA	2BLT4-48L-ADSM-MVOLT-EZ1-LP840	LED, 38W 5,314 LUMENS	RECESSED GRID	2'x4' LED TROFFER
K	FOCAL POINT	FSM6L-FL-875LF-40K-IC-UNV-L11-WH-4FT	LED, 44W 4,065 LUMENS	RECESSED GRID	RECESSED 6"x4' LINEAR LED
L	FOCAL POINT	FSM6L-FL-625LF-40K-IC-UNV-L11-WH-4FT	LED, 31W 2,948 LUMENS	RECESSED GRID	RECESSED 6"x4' LINEAR LED
M	FOCAL POINT	FSM6L-FL-625LF-40K-IC-UNV-L11-WH-6FT	LED, 47W 4,422 LUMENS	RECESSED GRID	RECESSED 6"x6' LINEAR LED
N	FOCAL POINT	FSM6L-FL-375LF-40K-IC-UNV-L11-WH-4FT	LED, 18W 1,736 LUMENS	RECESSED GRID	RECESSED 6"x4' LINEAR LED
P	LITHONIA	LDN4SQ-40/10-LS4-AR-LSS-TRW-MVOLT-GZ10-80CRI	LED, 11W 908 LUMENS	RECESSED CAN	4' SQUARE LED CAN LIGHT
Q	LITHONIA	LDN4SQ-40/07-LS4-AR-LSS-TRW-MVOLT-GZ10-80CRI	LED, 9W 629 LUMENS	RECESSED CAN	4' SQUARE LED CAN LIGHT
R	LITHONIA	2BLT4-72L-ADSM-MVOLT-EZ1-LP840	LED, 59W 7,493 LUMENS	RECESSED GRID	2'x4' LED TROFFER
S	LITHONIA	ZL1N-L48-5000LM-L/LENS-MVOLT-40K-80CRI-WH	LED, 34W 4,964 LUMENS	SUSPENDED	4' LED STRIP FIXTURE
T	BETA-CALCO	KIORA-44-1201-30	LED, 30W 2,263 LUMENS	SUSPENDED	LED PENDANT
V	LITHONIA	2BLT4-40L-ADSM-MVOLT-EZ1-LP840	LED, 31W 4,433 LUMENS	RECESSED GRID	2'x4' LED TROFFER
W	LITHONIA	EPANL-2X2-4800LM-80CRI-40K-MIN1-ZT-MVOLT	LED, 45W 4,843 LUMENS	RECESSED GRID	2'x2' LED PANEL
X1	LITHONIA	EDGR-1-RMR	LED	UNIVERSAL	
X2	LITHONIA	LE-S-1-R	LED	UNIVERSAL	
X3	LITHONIA	EDGR-2-RMR	LED	UNIVERSAL	
X4	LITHONIA	LE-S-2-R	LED	UNIVERSAL	
Y	LITHONIA	WL4-40L-EZ1-LP840-N80EMG-NESPDT7-DIM10	LED, 39.5W 4325 LUMENS	WALL	PROVIDE W/ DUAL TECH OCC. SENSOR & AUTO-DIMMING MOUNT FIXTURE @ A MIN. 7'-6" ABOVE STAIR LANDING
Z	FOCAL POINT	FSM6L-FL-375LF-40K-IC-UNV-L11-WH-2FT	LED, 9W 1,736 LUMENS	RECESSED GRID	RECESSED 6"x2' LINEAR LED
AA	MARK	SL6L-LOP-2FT-FLP-GB-80CRI-40K 400LM-WW-MIN10-277	LED, 8W 690 LUMENS	RECESSED	READING LIGHT
BB	LITHONIA	LDN6SQ-40/10-LSW6-AR-LSS MVOLT-GZ10-80CRI	LED, 10W 950 LUMENS	RECESSED CAN	6" LED CAN LIGHT
CC	BACKLIGHT	FLUSH-CEILING-L (36"X2.75")-41K-STANDARD-0-10V	LED, 12W 870 LUMENS	RECESSED	*MAXIMUM WITH TO BE 2.75" POWER SUPPLY : MAGNITUDE LIGHTING: CVD96L24DC
DD	BACKLIGHT	FLUSH-CEILING-L (48"X2.75")-41K-STANDARD-0-10V	LED, 16W 1,160 LUMENS	RECESSED	*MAXIMUM WITH TO BE 2.75" POWER SUPPLY : MAGNITUDE LIGHTING: CVD96L24DC
FF	BACKLIGHT	FLUSH-CEILING-L (24"X2.75")-41K-STANDARD-0-10V	LED, 8W 580 LUMENS	RECESSED	*MAXIMUM WITH TO BE 2.75" POWER SUPPLY : MAGNITUDE LIGHTING: CVD96L24DC
GG	BACKLIGHT	FLUSH-CEILING-L (72"X2.75")-41K-STANDARD-0-10V	LED, 24W 1,740 LUMENS	RECESSED	*MAXIMUM WITH TO BE 2.75" POWER SUPPLY : MAGNITUDE LIGHTING: CVD96L24DC
HH	EUREKA	8220-36X96-SLICE-SQ-277V-DV-AC-BLKE-BLK BLKE-8297-40-8296-36-LED-80-40-BLKE-WH	LED, 8W 1,183 LUMENS	PENDANT	BAFFLE # 8297-40; COLOR BY ARCHITECT QUANITY OF 5 ARENA - SLICE SQ 8296
JJ	FOCAL POINT	FSM4LS-FL-625LF-40K-1C-UNV C48-BK-8'	LED, 50W 5,000 LUMENS	SUSPENDED	
KK	FOCAL POINT	FSM6L-FL-875LF-40K-IC-UNV-L11-WH-12'	LED, 132W 12,198 LUMENS	RECESSED GRID	RECESSED 6"x12' LINEAR LED
LL	FOCAL POINT	FSM6L-FL-875LF-40K-IC-UNV-L11-WH-8FT	LED, 88W 8,130 LUMENS	RECESSED GRID	RECESSED 6"x8' LINEAR LED
MM	FOCAL POINT	FSM6L-FL-375LF-40K-IC-UNV-L11-WH-16FT	LED, 72W 6,944 LUMENS	RECESSED GRID	RECESSED 6"x16' LINEAR LED
NN	FOCAL POINT	FSM6L-FL-375LF-40K-IC-UNV-L11-WH-12FT	LED, 54W 5,208 LUMENS	RECESSED GRID	RECESSED 6"x12' LINEAR LED
PP	FOCAL POINT	FSM6L-FL-625LF-40K-IC-UNV-L11-WH-16FT	LED, 124W 11,792 LUMENS	RECESSED GRID	RECESSED 6"x16' LINEAR LED
QQ	FOCAL POINT	FSM6L-FL-375LF-40K-IC-UNV-L11-WH-8FT	LED, 36W 3,472 LUMENS	RECESSED GRID	RECESSED 6"x8' LINEAR LED
RR	FOCAL POINT	FSM4LS-FL-625LF-40K-1C-UNV C48-WH-24'	LED, 150W 15,000 LUMENS	SUSPENDED	
TT	FOCAL POINT	FSM6L-FL-625LF-40K-IC-UNV-L11-WH-8FT	LED, 62W 5,896 LUMENS	RECESSED GRID	RECESSED 6"x8' LINEAR LED
YY	BEGA	B55942	LED, 8W 632 LUMENS	RECESSED	DRIVER IS MVOLT
SA	LITHONIA	DSX1 LED-P2-40K-80CRI-T3M MVOLT-SPA-DNAXD-DLL127F 1.5 JU	LED, 68W 9,763 LUMENS	POLE	POLE #SSS-12'-4G-T20-DNAXD
SB	GOTHAM	EVO6SQ-40/35-AR-LSS-MVOLT GZ10	LED, 33W 3,801 LUMENS	RECESSED	
SC	LITHONIA	DSX1 LED-P7-40K-80CRI-TFTM MVOLT-SPA-DNAXD-DLL127F 1.5 JU	LED, 184W 22,697 LUMENS	POLE	POLE #SSS-25'-4G-T20-DNAXD
SD	HYDREL	PINE-P1-80CRI-40K-MVOLT-45DEG FLC-KM-JBA-C3-*	LED, 33W 3,128 LUMENS	KNUCKEL	*FINISH BY ARCHITECH
SF	LITHONIA	WDGE2 LED-P2-40K-VF-MVOLT-PE FLC-KM-JBA-C3-*DNAXD	LED, 15W 2,023 LUMENS	WALL	
SG	PERFORMANCE IN LIGHTING	M10F-M-5W-T4-AM-4K-UNV 0-10V	LED, 5W 473 LUMENS	STEP LIGHT	
SH	HYDREL	4750L-4FT-500LMF-40K-MVOLT WFL-KM-JB4750L-INJB-ZT-*	LED, 21W 2,638 LUMENS	WALL	

MASTER NOTES

No.	Description
A.	THE CONTRACTOR SHALL ABIDE BY ALL FEDERAL, STATE, AND/OR LOCAL CODES. IF A DISCREPANCY BETWEEN CODES OCCURS, THE MOST STRINGENT SHALL PREVAIL.
B.	THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF ANY WORK. SHOULD DISCREPANCIES BE DISCOVERED, THE CONTRACTOR SHALL VERIFY INTENT WITH THE ENGINEER/OWNER BEFORE PROCEEDING.
C.	COORDINATE LOCATIONS OF ALL CEILING MOUNTED DEVICES WITH OTHER TRADES PRIOR TO INSTALLATION.
D.	COORDINATE ALL ROUGH-IN REQUIREMENTS FOR OWNER FURNISHED EQUIPMENT WITH THE OWNER PRIOR TO BEGINNING WORK. THESE DRAWINGS ARE BASED ON EXISTING BUILDING CONSTRUCTION DRAWINGS, SITE SURVEYS, AND OWNER FURNISHED EQUIPMENT SPECIFICATIONS.
E.	COORDINATE WITH THE MILLWORK CONTRACTOR TO DETERMINE THE EXACT LOCATION OF OUTLETS BEING PLACED IN MILLWORK.
F.	RECEPTACLES SHALL NOT BE CONNECTED IN A FEED-THRU MANNER. WIRE CONNECTIONS IN RECEPTACLE BOXES SHALL BE MADE IN A PIGTAIL MANNER AS SHOWN IN DETAIL 3/E0.1.

DEAN ARCHITECTURE
GEDDIE | GRANT | OUBRE
661 Sunnybrook, Ste 140
Ridgeland, MS 39157
601.939.7717
deandean.com

CHRISTOPHER L. GREEN, LICENSED PROFESSIONAL ENGINEER, 16778, STATE OF MISSISSIPPI — 4/09/2024

CONSTRUCTION DOCUMENTS

THE POWER SOURCE PLLC
305 HIGHWAY 51
RIDGELAND, MS 39157
VOICE (601) 605-4820
TPS PROJ. # 23040

Project No. 21041
Date: APRIL 11, 2024
Drawn: CTB
Checked: CLG
Revisions: (2) MAY 7, 2024

HEALTH SCIENCES COMPLEX – (RANKIN CAMPUS) HINDS COMMUNITY COLLEGE (COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number: E000
ELECTRICAL LEGEND SHEET