

ARCHITECT  
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ARCHITECT  
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 2802 2<sup>ND</sup> AVENUE, SUITE 100, CEDAR RAPIDS, IOWA 52403  
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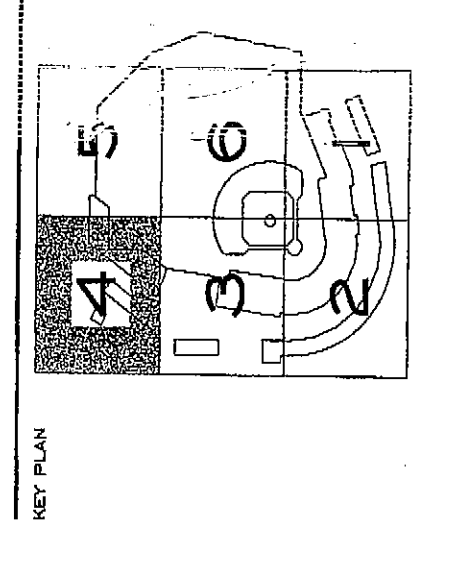
GEOTECHNICAL ENGINEER  
 WALKER CONSULTANTS  
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 1000 UNIVERSITY AVENUE, SUITE 100, CEDAR RAPIDS, IOWA 52403  
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CIVIL ENGINEER  
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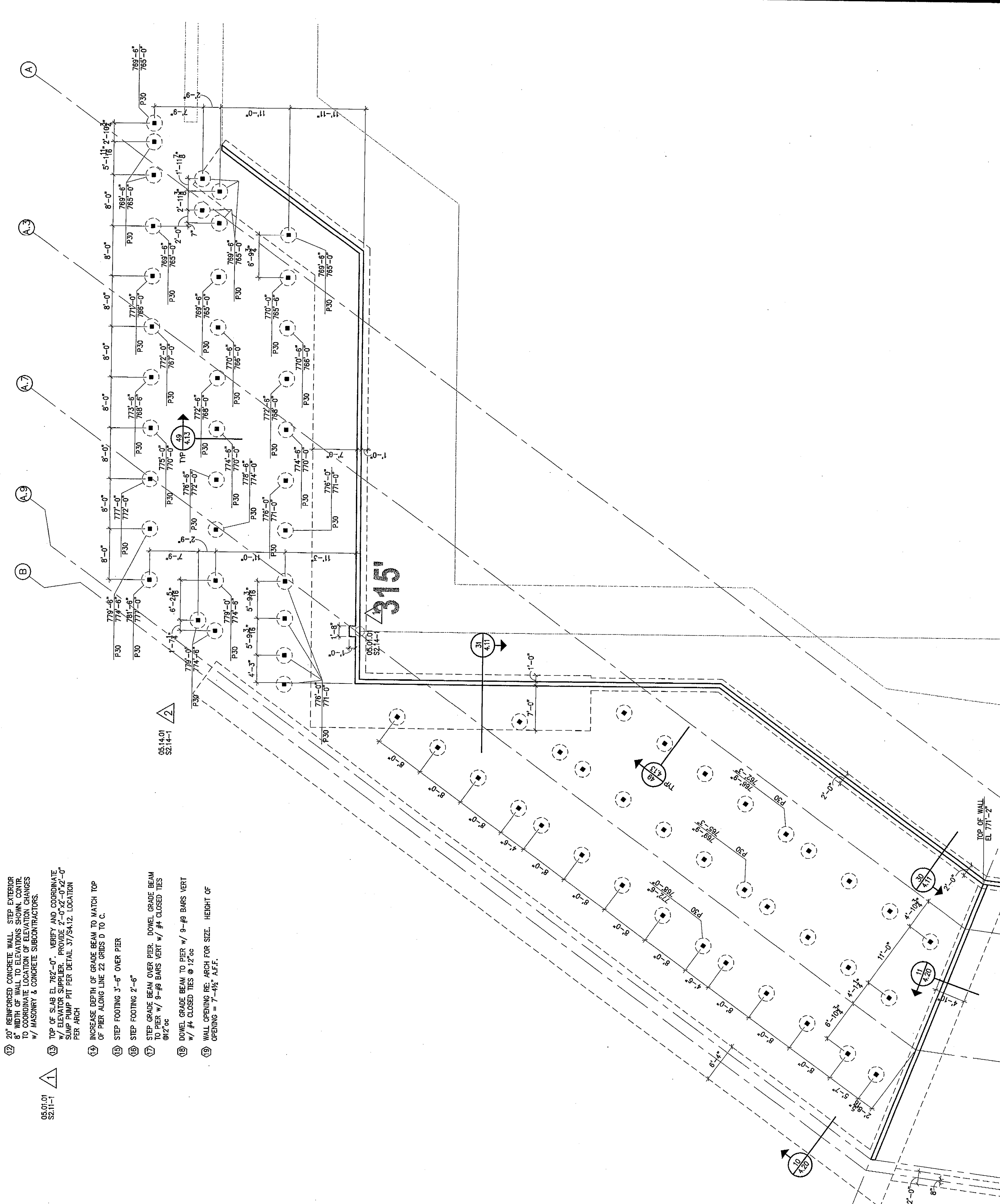
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DATE	04/1/01	PROJECT NUMBER	08101.01
DRAWN BY	DAVID W. WEAVER	DATE	08/14/01
APPROVED BY	DAVID W. WEAVER	REVISION DESCRIPTION	PERMIT SET
DATE	08/14/01	ACCESSION #	08114.01
REVISION NUMBER	1	PERMIT SET	08114.01
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DATE	08/14/01	PERMIT SET	08114.01
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- PLAN ITEMS:
- 1" 6" CONCRETE SLAB ON GRADE ON 6" MILD-STEEL REINFORCED GRANULAR BASE (SEE DETAIL 13/54-00) OR 6" MILD-GRADED CRUSHED STONE (I.E. DOT 475) IN NON-CUT AREAS. MAINTAIN 2" TOP COVER W/ #4 BARS @ 18" OC. E.W. BRICKS SPACED @ 36" OC. MAX. FIELD LIFTING MESH IS NOT ACCEPTABLE. TOP OF CONCRETE EL. = 785'-0" UNCL.
  - 2" RECESS CONCRETE SLAB ON GRADE AS REQUIRED TO MATCH DIMENSIONS AND DEPTH W/ ARCH. DRAWINGS.
  - 3" STEP FOOTING
  - 4" TOP OF SLAB EL. 785'-8" RE DETAIL 14/54-00.
  - 5" TOP OF SLAB EL. 789'-11"
  - 6" 2"-0" WIDE X 2'-0" DEEP THE BEAM W/ 8-#6 CONT. EQUALLY SPACED W/ #4@12" OR CLOSED STRAPUPS.
  - 7" 18" REINFORCED CONCRETE WALL
  - 8" PROVIDE 4" SLAB ON GRADE ON 4" MILD-STEEL REINFORCED GRANULAR BASE (SEE DETAIL 13/54-00) OR 4" MILD-GRADED CRUSHED STONE (I.E. DOT 475) IN NON-CUT AREAS. MAINTAIN 2" TOP COVER W/ #4 BARS @ 18" OC. E.W. BRICKS SPACED @ 36" OC. MAX. FIELD LIFTING MESH IS NOT ACCEPTABLE. TOP OF CONCRETE EL. = 785'-0" UNCL.
  - 9" SEE DETAIL 21/54. FOR SHEAR KEY BOX-OUTS.
  - 10" THICKENED SLAB BENEATH ALL INTERIOR MASONRY WALLS. RE DETAIL 13/54-00
  - 11" 20" REINFORCED CONCRETE WALL. STEP EXTERIOR 6" NORTH OF WALL TO ELEVATIONS SHOWN. CONTR. TO MASONRY & CONCRETE SUBCONTRACTORS.
  - 12" TOP OF SLAB EL. 782'-0". VERIFY AND COORDINATE WITH MASONRY CONTRACTOR. PROVIDE 2'-0" X 2'-0" PER ARCH.
  - 13" INCREASE DEPTH OF GRADE BEAM TO MATCH TOP OF PIER ALONG LINE 22. GRADE D TO C.
  - 14" STEP FOOTING 3'-6" OVER PIER
  - 15" STEP FOOTING 2'-6"
  - 16" STEP GRADE BEAM OVER PIER. DOWEL GRADE BEAM TO PIER W/ 8-#8 BARS VERT W/ #4 CLOSED TIES @ 18" OC.
  - 17" DOWEL GRADE BEAM TO PIER W/ 8-#8 BARS VERT W/ #4 CLOSED TIES @ 18" OC.
  - 18" WALL OPENING RE. ARCH FOR SIZE. HEIGHT OF OPENING = 7'-11/2" A.F.F.

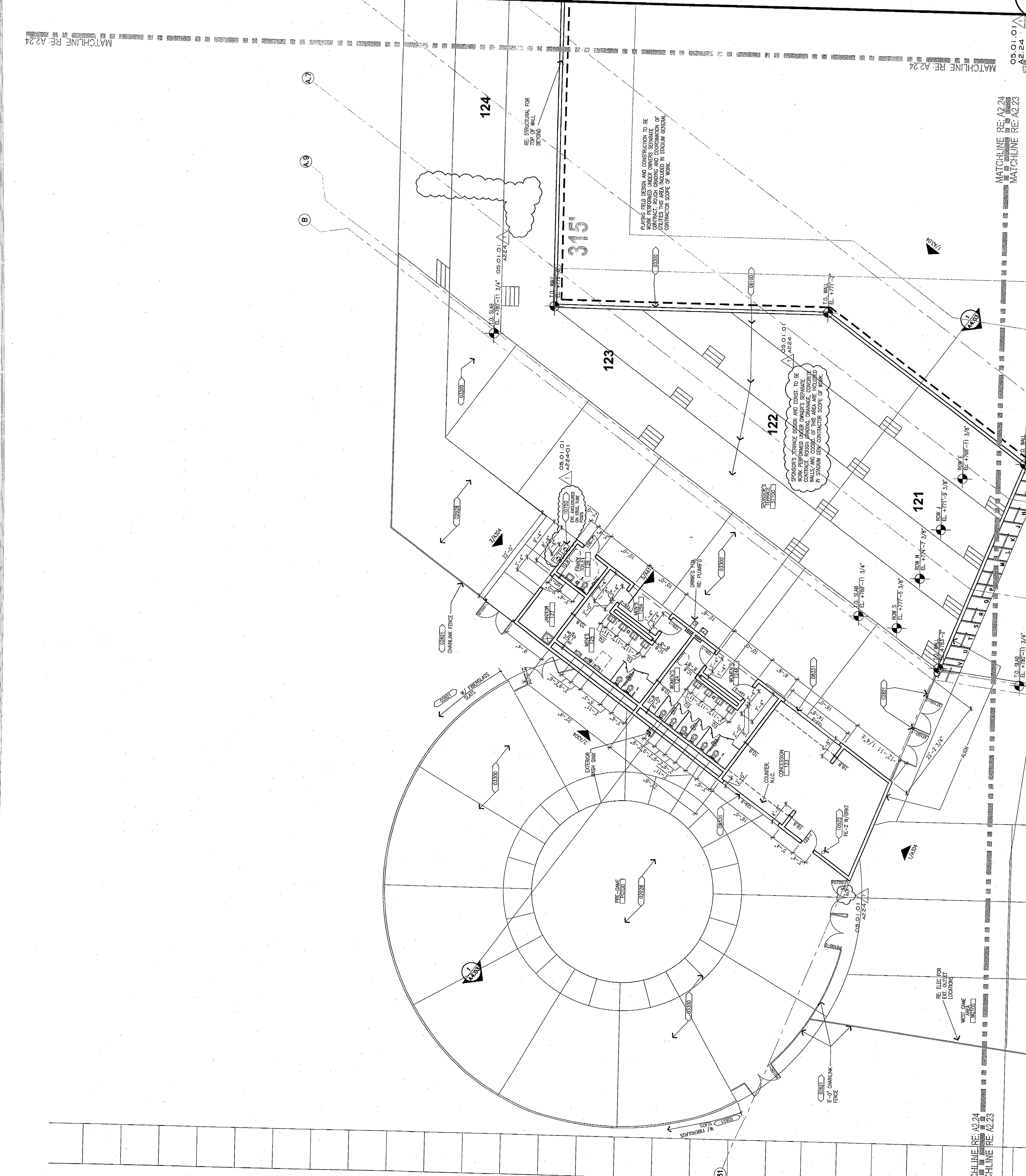




**KEY NOTES**

- 02468 DRILLED CONCRETE PIERS
- 02622 FOUNDATION DRAINAGE SYSTEM
- 02821 CHAIN LINK FENCES AND GATES
- 02882 ORNAMENTAL METAL FENCES AND GATES
- 02928 SODDING
- 03100 CONCRETE FORMS AND ACCESSORIES
- 03200 CONCRETE REINFORCEMENT
- 03410 PUMP-CAST STRUCTURAL CONCRETE
- 04470 CAST STONE
- 04470 UNIT MASONRY ASSEMBLIES
- 05120 STRUCTURAL STEEL
- 05310 STEEL DECKS
- 05400 COLD-FORMED METAL FRAMING
- 05510 METAL PARTITIONS
- 05515 METAL STAIRS
- 05520 HANDRAILS AND RAILINGS
- 05520 EXPANSION METAL FABRICATIONS
- 05520 EXPANSION COVER ASSEMBLIES
- 06100 FINISH CARPENTRY
- 06200 FINISH CASEWORK
- 06410 CUSTOM CASEWORK
- 07131 BRITANNIUS SHEET WATERPROOFING
- 07181 PEDESTRIAN TRAFFIC COATINGS
- 07412 METAL WALL PANELS
- 07466 MINERAL FIBER CEMENT SIDING
- 07611 SHEET METAL FLASHING AND TRIM
- 07720 ROOF ACCESSORIES
- 07840 FIRESTOPPING
- 07920 JOINT SEALANTS
- 08110 STEEL DOORS AND FRAMES
- 08111 FLUSH WOOD DOORS
- 08331 OVERHEAD COILING DOORS
- 08391 SECTIONAL OVERHEAD DOORS
- 08520 ALUMINUM WINDOWS
- 08710 DOOR HARDWARE
- 08800 DOOR HARDWARE
- 08250 OPSUM BOARD SYSTEMS
- 08310 ACOUSTICAL CEILINGS
- 08810 FLOOR TREATMENT
- 08870 SENSITIVE FLOORING
- 09860 CARPET
- 09900 PAINTS AND COATINGS
- 10160 METAL TOILET COMPARTMENTS
- 10170 PLASTIC TOILET PARTITIONS
- 10265 IMPACT-RESISTANT WALL PROTECTION
- 10350 FLAGPOLES
- 10505 PLASTIC LAMINATE
- 10508 METAL LOCKERS
- 10760 TELEPHONE JACKS, CABINETS, AND ACC.
- 10800 TOILET AND BATH ACCESSORIES
- 11025 PASS-THRU EQUIPMENT
- 11100 MERCANTILE EQUIPMENT
- 11452 RESIDENTIAL APPLIANCES
- 11452 ATHLETIC EQUIPMENT
- 12359 DISPLAY CASEWORK
- 12361 STADIUM SEATING
- 13175 PERMANENT GRANITANDS
- 13720 SECURITY SYSTEMS
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- 14245 HYDRAULIC PASSENGER ELEVATORS

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PROJECT NUMBER: 05.01.01  
 DATE: 05.01.01  
 ADDRESS: 1000 W. 10TH ST., CEDAR RAPIDS, IA 52403  
 PERMIT NO.: 05.04.01  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]  
 PROJECT NUMBER: 05.01.01  
 DATE: 05.01.01  
 ADDRESS: 1000 W. 10TH ST., CEDAR RAPIDS, IA 52403  
 PERMIT NO.: 05.04.01

GENERAL NOTE: FIRE RATINGS SHOWN ON PLANS INDICATE MINIMUM REQUIREMENTS FOR ROOM, AREA, OR SHAFTEWAYS. ALL PENETRATIONS THROUGH WALLS AND FLOORS IN THESE LOCATIONS SHALL BE PERFORMED TO THE SAME RATINGS INDICATED AT WALLS.

RE: 1/4" = 1'-0"  
 MATCHLINE RE: A2.23  
 MATCHLINE RE: A2.24

SPONSOR'S TERRACE DESIGN AND CONST. TO BE WORK PERFORMED UNDER OWNER'S SEPARATE CONTRACT. ROUGH GRADING AND COORDINATION OF ALL UTILITIES AND SERVICES INCLUDED IN STADIUM GENERAL CONTRACTOR'S SCOPE OF WORK.

RE STRUCTURAL FOR TOP OF WALL SOUND

RE ELEC FOR MOUNTING SET LOCATION

8'-0" CHAINLINK FENCE

RE ELEC FOR MOUNTING SET LOCATION

MATCHLINE RE: A2.24  
 MATCHLINE RE: A2.23



SEAL/DATE

ARCHITECT  
**HEINLEIN = SCHROCK ARCHITECTURE**  
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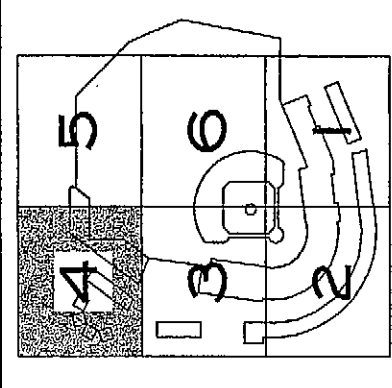
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ISSUE DATE	PROJECT NUMBER
DATE	ISSUE NO.
DRAWN BY	APPROVED BY
DATE	DATE
REVISION NUMBER	REVISION DESCRIPTION
DATE	ADDRESS
DATE	ADDRESS
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- 11 6" CONCRETE SLAB-ON-GRADE ON 6" M.L. VAPOR BARRIER W/ TYPICAL JOINTS ON 6" WELL-GRADED SAND. JOINTS TO BE LOCATED AT WALLS AND CHANGING STAIRS (SEE DETAIL S2.24-1). REINFORCE CONCRETE SLAB W/ #4 BARS @ 18" O.C. E.W. MAINTAIN 2" TOP COVER W/ CHAIRS OR CONCRETE W/ #3 BARS @ 18" O.C. W.A. FIELD LIFTING MESH IS NOT ACCEPTABLE.
- 12 TURN 8" WALL INTO PRECAST COLUMN & RAKER
- 13 THE GRADE BEAM AND WALL INTO CORNER OF FULL-HEIGHT WALL
- 14 PRECAST RAKER BEAM SHALL BE DESIGNED TO ACCOMMODATE LATERAL SOIL PRESSURE FROM ADJACENT SOIL SEATING
- 15 ALTERNATE #3, RE SECTION 0320 SEE DETAILS 47/5413 & 48/5413
- 16 2x10 OCA TREATED NO.1 SOUTHERN PINE JOISTS @ 16" O.C. CONNECT TO BEAMS USING SIMPSON MODEL NO. LUS22, 18 GA HANGERS
- 17 6x6 ROUGH SAWN NO.1 WESTERN CEDAR POST
- 18 2x10 OCA TREATED NO.1 SOUTHERN PINE BEAM. CONNECT TO POST USING SIMPSON MODEL NO. LUS28-2, 18 GA HANGERS
- 19 2x10 OCA TREATED NO.1 SOUTHERN PINE LEADER BEAM. ATTACH TO CONCRETE WALL W/ #3 HILT HIT HT500 EPOXY ANCHORS @ 2'-0" O.C.
- 20 PROVIDE 1/2" X 1/2" HILT HIT HT500 EPOXY ANCHORS TO ATTACH LEADER BEAM TO CONCRETE WALL
- 21 PROVIDE 2x6 "X" BRACING.
- 22 HOLD DOWN WALL TO PROVIDE BEARING SEAT FOR BEAM
- 23 STAIRS SHOWN THUS (TYP)

- A. TOP OF STEEL ELEVATION AS NOTED ON PLAN
- B. SEE SHEET S2.21 FOR TYPICAL STAIR LOADING DIAGRAM
- C. CONTRACTOR SHALL THOROUGHLY FAMILIAR HIMSELF WITH THE DETAILS OF ALL STRUCTURAL MEMBERS SHOWN ON THIS PLAN. ALL WELDING OR SCREWING SHALL BE AS INDICATED IN THE BUILDING CODE.
- D. DECKING FOR SPONSOR TERRACE SHALL BE 2x6 CEDAR ATTACHED TO JOISTS USING 2" HOT DIPPED, ZINC COATED END JOISTS OF DECKING.
- E. STAIRS FOR SPONSOR TERRACE SHALL BE CONSTRUCTED WITH 2x6 CEDAR LEADER BEAMS PROVIDE AN INTERMEDIATE STRINGER IN ALL STAIR RUNS.
- F. POST FOR RAILINGS AT STAIRS OF SPONSOR TERRACE NOT SHOWN TO HAVE A FOUNDATION SHALL BE EXTENDED TO THE BOTTOM OF JOISTS AND THRU-BOLTS 1/2" DIA. CARTRIDGE BOLTS ENGAGING JOISTS ON BOTH SIDES OF POST.
- G. WOOD MEMBERS IN RAILINGS FOR SPONSOR TERRACE GREATER THAN 4" SHALL BE CONSTRUCTED W/ 2x6 RAILS AT TOP & BOTTOM. SEE ARCH FOR RAILING DETAILS.
- H. BEAMS AND JOISTS FRAMING AT A SKEW TO CARRYING MEMBER SHALL BE CONNECTED WITH SIMPSON TYPE U HANGERS.
- I. MAINTAIN 1'-0" MINIMUM CLEARANCE BETWEEN SOIL AND WOOD FRAMING OF SPONSOR TERRACE.
- J. SEE ARCH DWGS FOR ELEVATIONS, HANDRAILS AND STAIR DETAILS.

- 1 BEAM TRANSFER FORCE THROUGH COLUMN = 10K
- 2 NOT USED
- 3 7" TOP 1/4" DIA METAL DECK W/ 4" WF CONCRETE FOR A TOTAL SLAB THICKNESS OF 8". REINFORCE SLAB W/ W/F 6#6-W#4#4
- 4 BEAM TRANSFER FORCE THROUGH COLUMN = 30K
- 5 BEAM TRANSFER FORCE THROUGH COLUMN = 50K
- 6 BEAM TRANSFER FORCE THROUGH COLUMN = 10K
- 7 BEAM TRANSFER FORCE THROUGH COLUMN = 45K
- 8 L3X3X1/4" FROM BOTTOM FLANGE OF EDGE BEAM TO ADJACENT BEAM AT MAXIMUM 8'-0" SPACING.
- 9 2'-0" WBE X 2'-10" DEEP STRUT W/ 8-#6 CONT. EQUALLY SPACED W/ #4#2" O.C. CLOSED STRUTS.
- 10 PRECASTER TO SUPPLY ANGLE TO CONTINUALLY SUPPORT ENDS OF PRECAST READ & RISERS THROUGH SPONSOR TERRACE WALL W/ MIN 3/4" CHEMICALLY PROTECTED ANCHORS W/ 4" MIN EMBEDMENT.

- 05.01.01 S2.24-1
- 05.14.01 S2.23-1 (ITEMS 16-23)

- 05.01.01 S2.24-1
- WEST CASE
- WEST CASE

