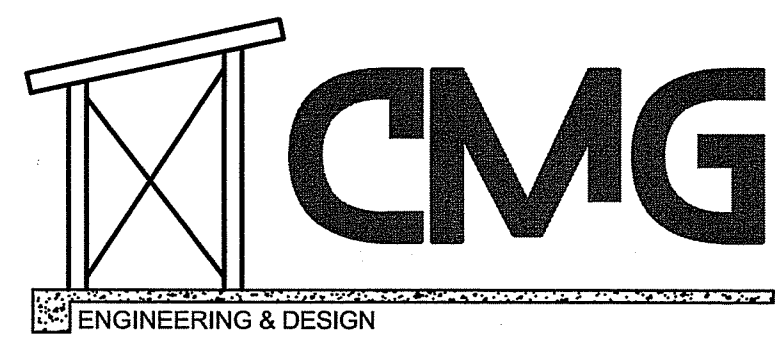


CMG

ENGINEERING & DESIGN

FLORIDA GATEWAY FAIRGROUNDS

CUSTOMER: FLORIDA GATEWAY FAIRGROUNDS
 BUILDING MANUFACTURER: ELITE STRUCTURES
 JOB ID: 14178
 PROJECT MANAGER: ALAN DUKES
 LOCATION: LAKE CITY, FL
 STRUCTURE TYPE: FOUNDATION FOR "BUILDINGS VARY"
 PRE-ENGINEERED METAL BUILDING



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 ADEL, GA, 31620

DESIGNER:

CARLTON M GIBBS

SCALE:

NTS

DATE:

2/16/2026

PLAN:

COVER PAGE

JOB ID:

CMG-1069

DRAFTSMAN:

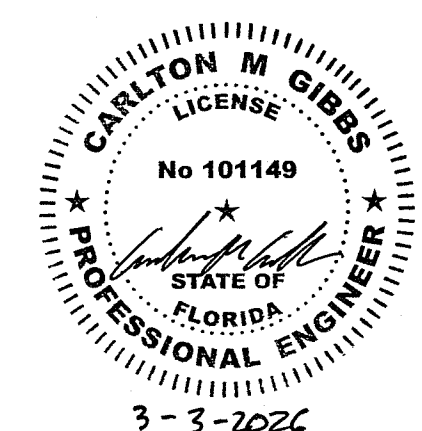
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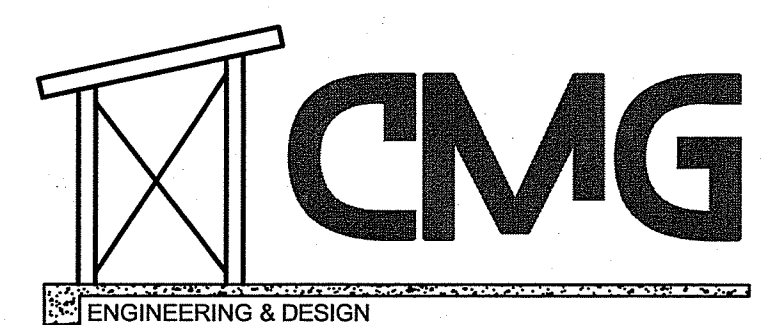
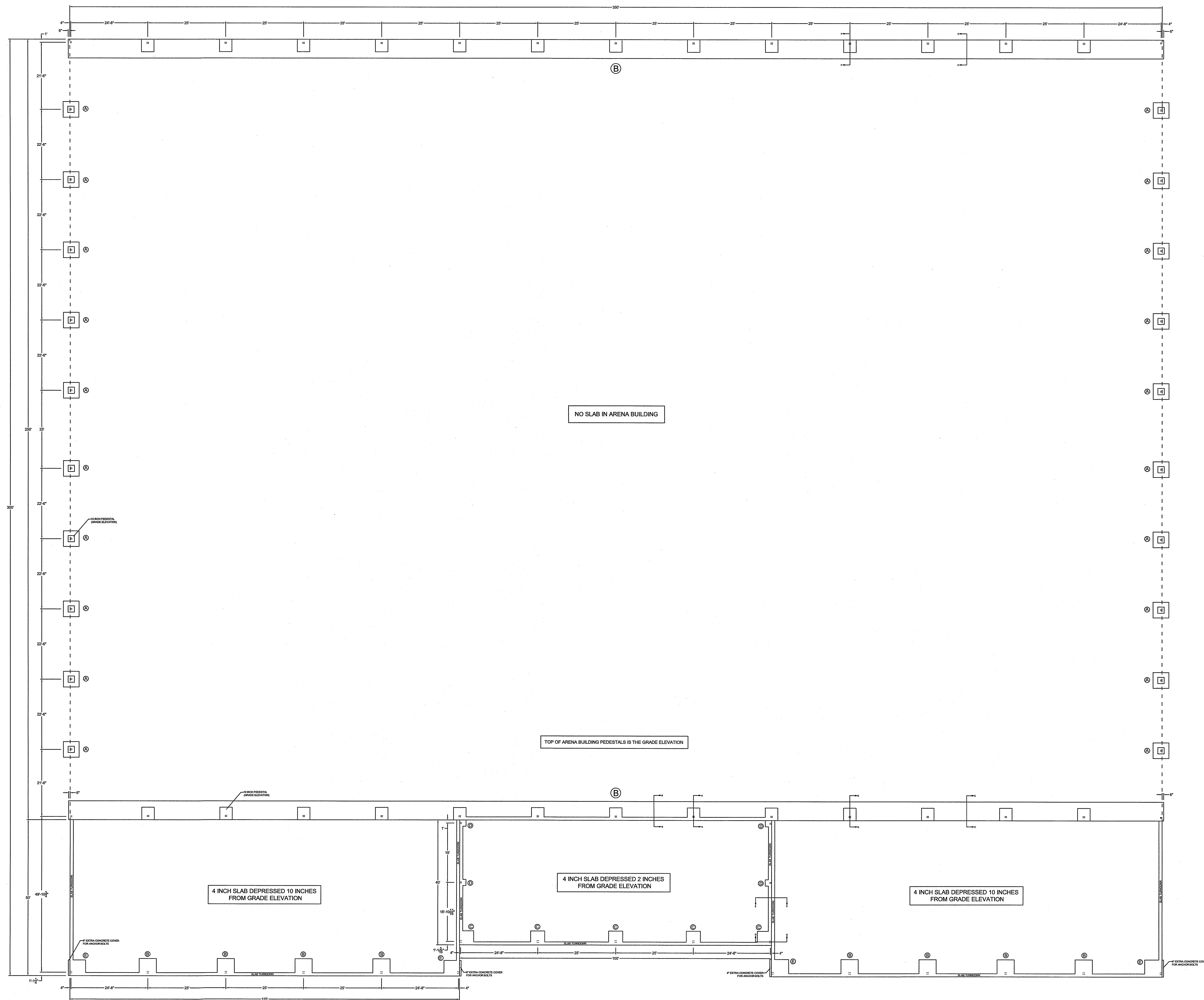
SALESMAN:

ALAN DUKES

FLORIDA GATEWAY FAIRGROUNDS
 LAKE CITY, FL

SHEET: 1 of 5





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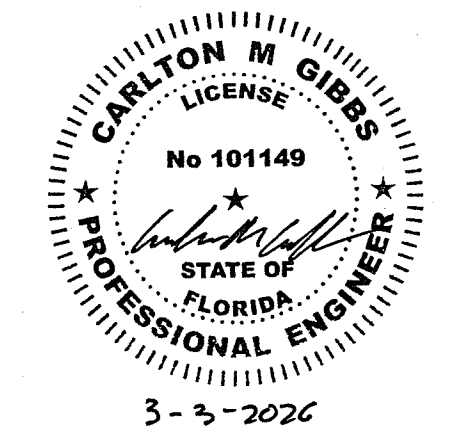
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CARLTON M GIBBS
 DRAFTSMAN:
CARLTON M GIBBS

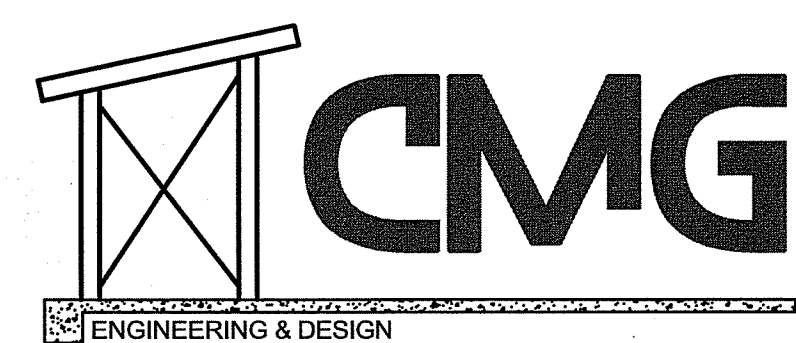
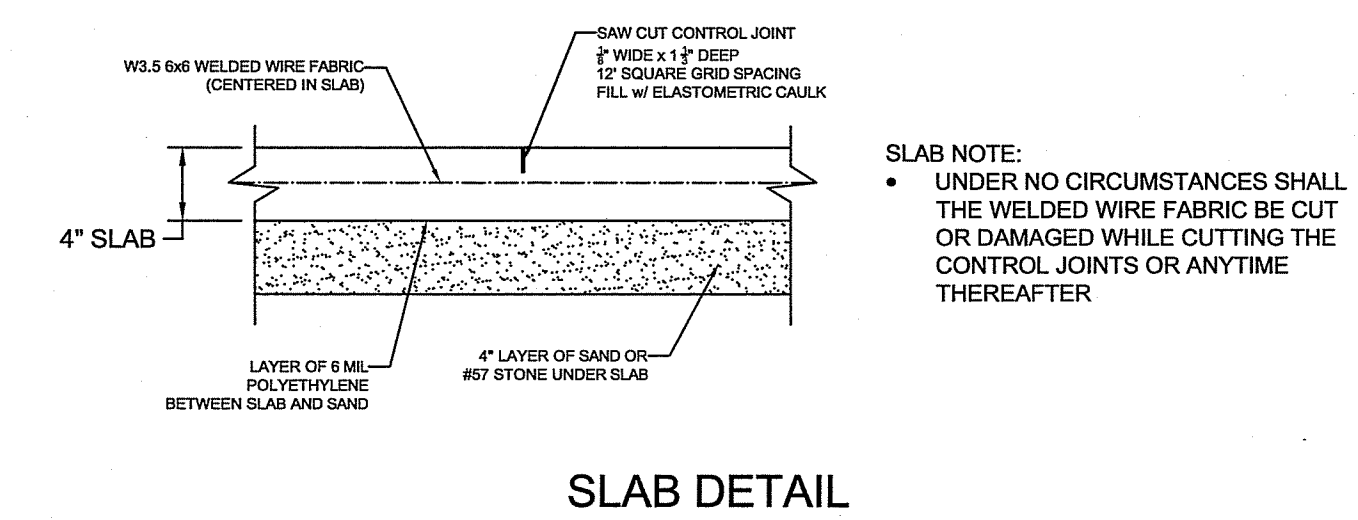
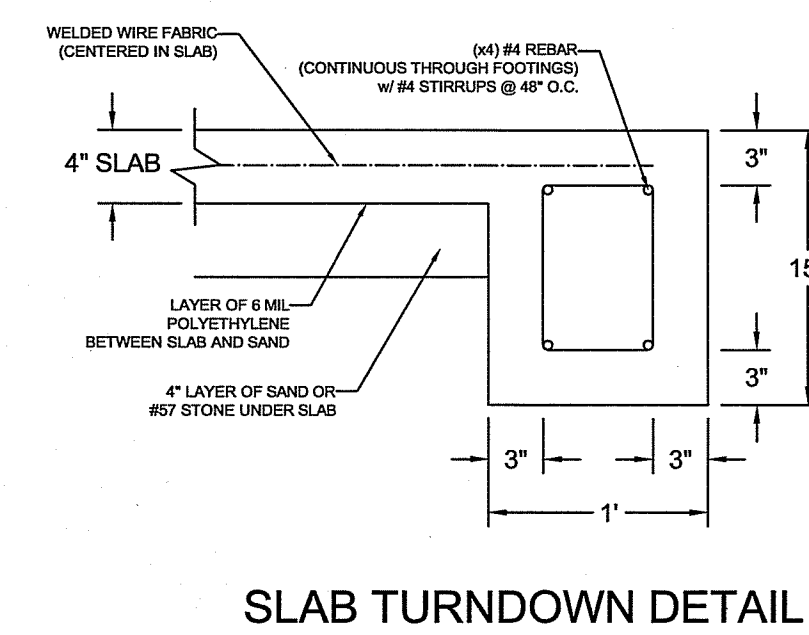
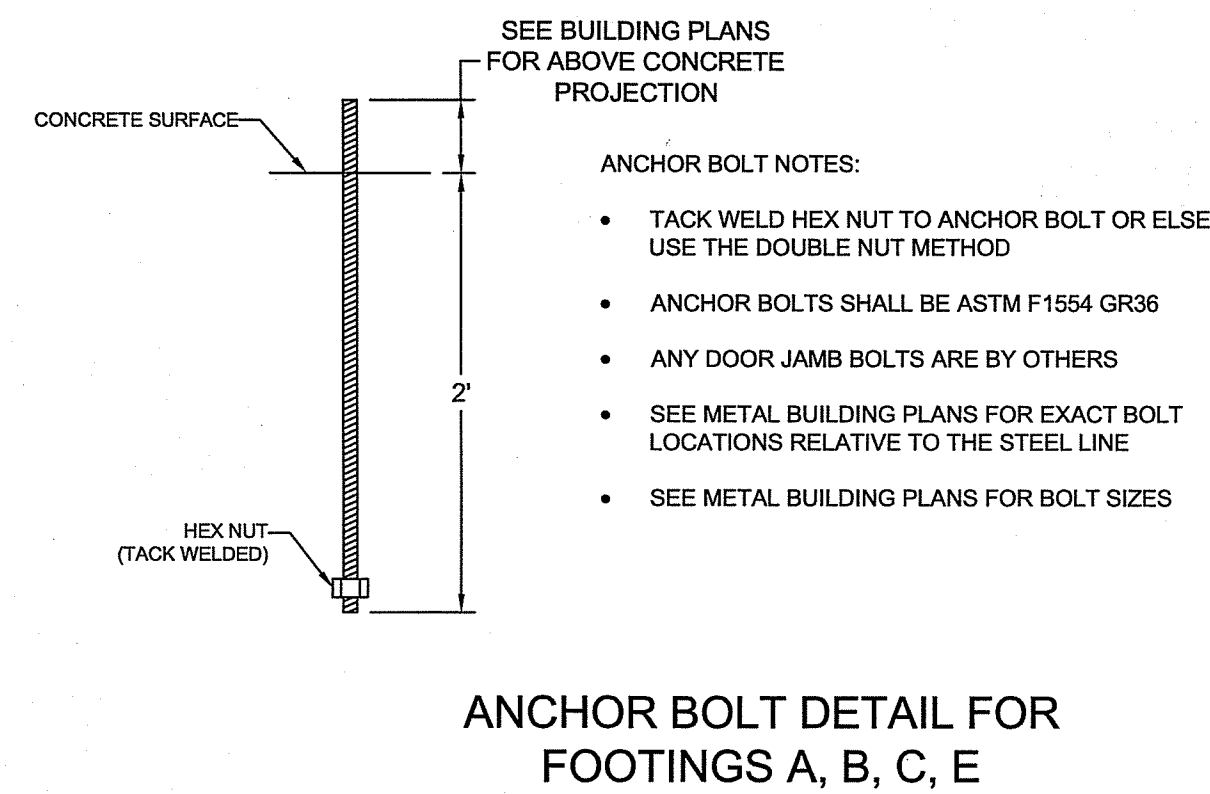
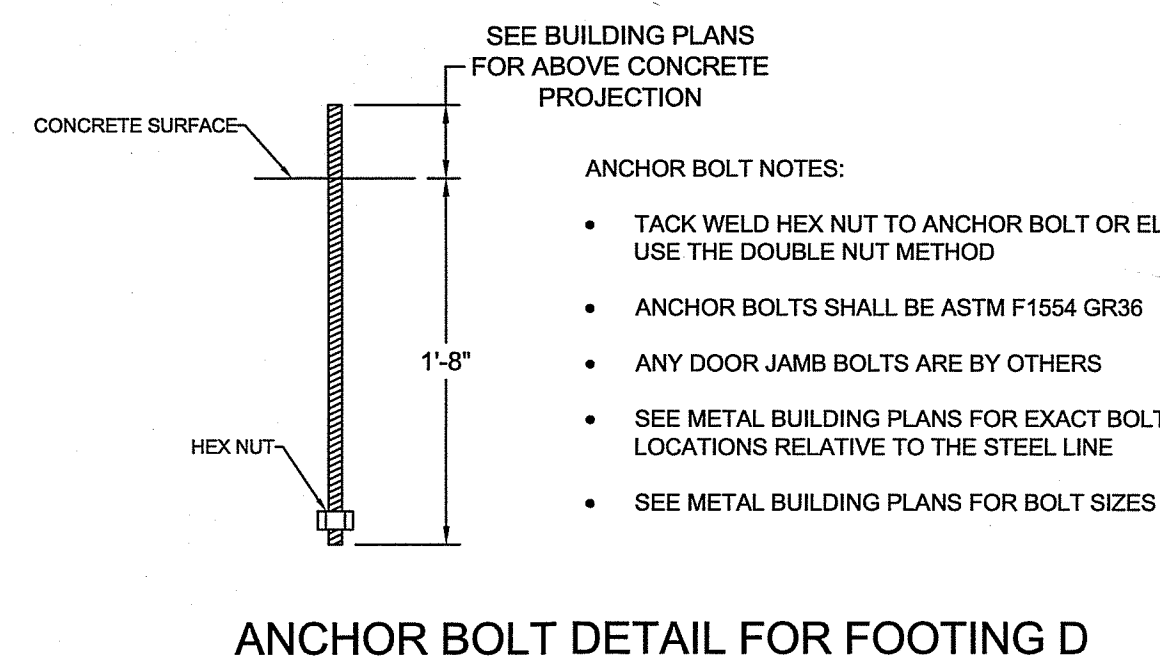
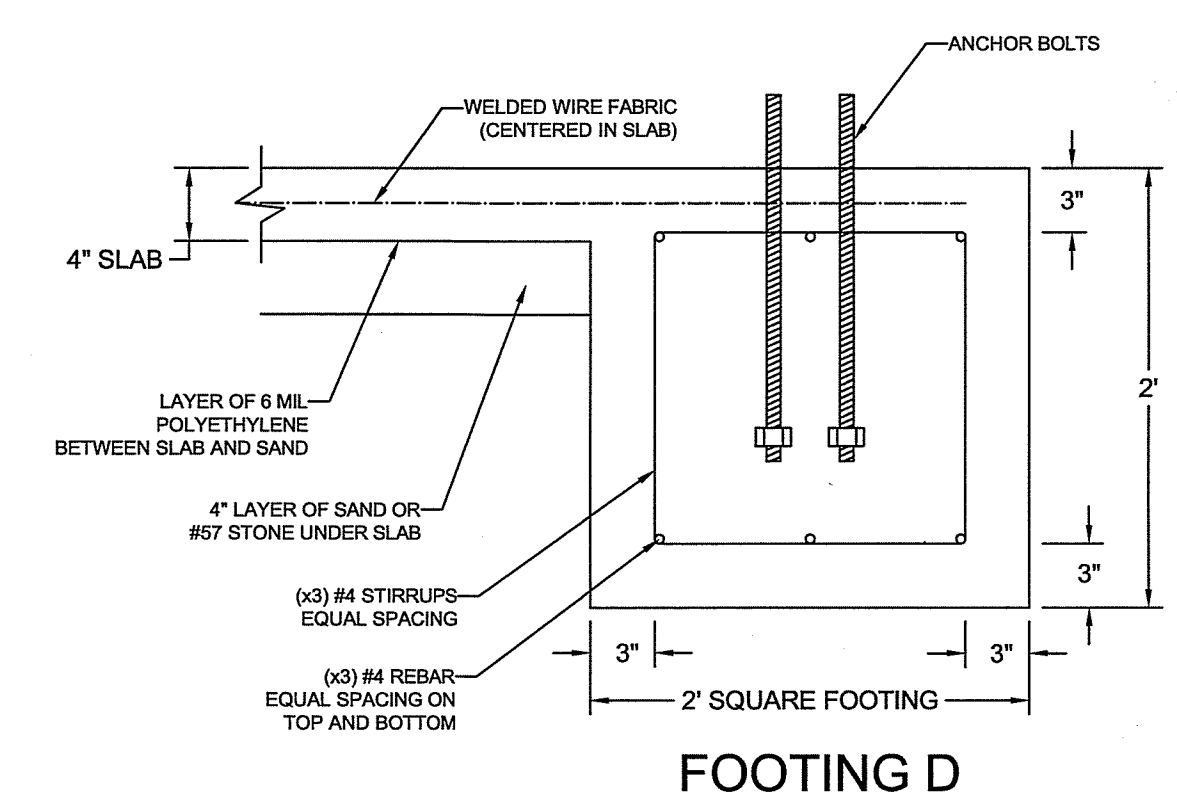
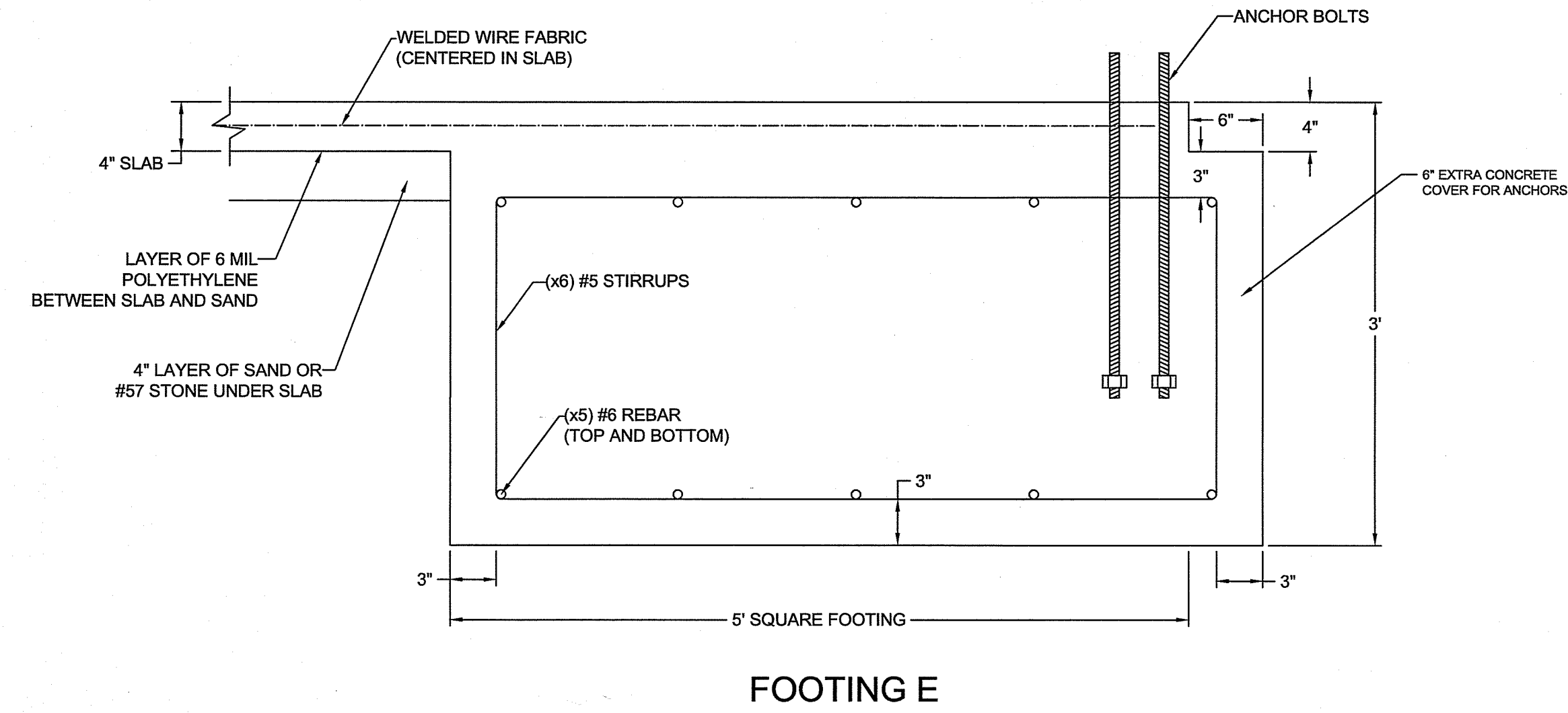
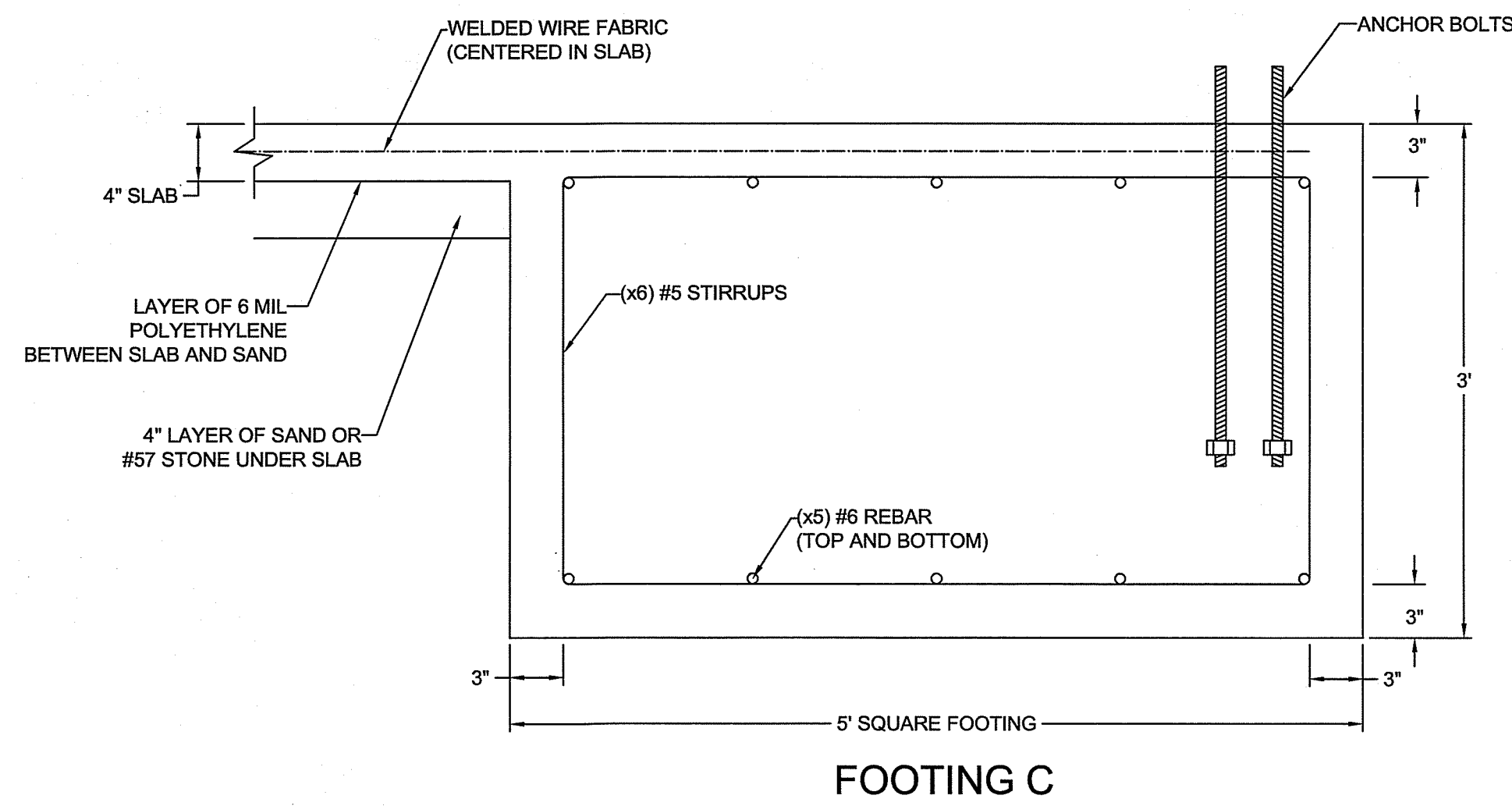
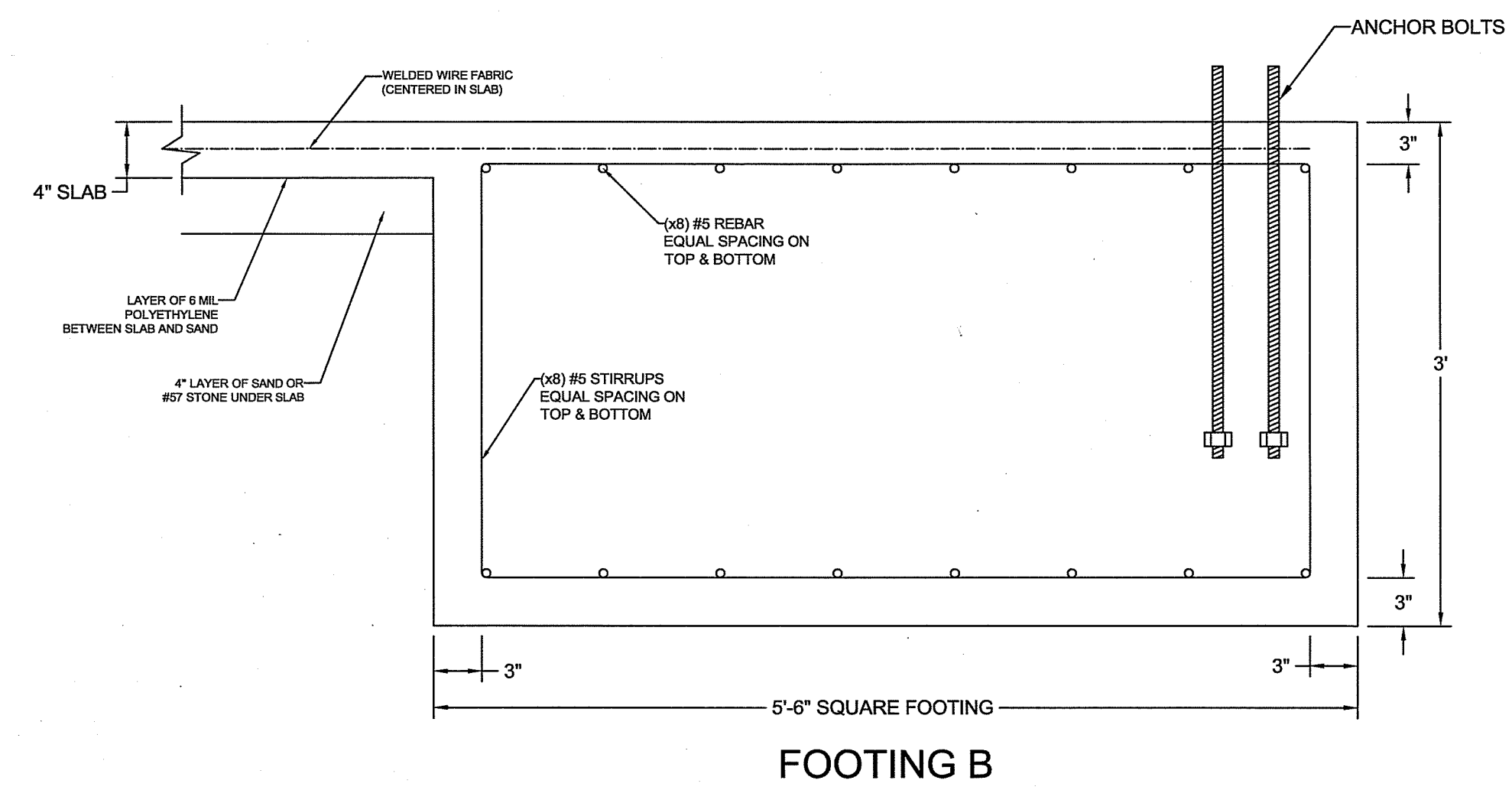
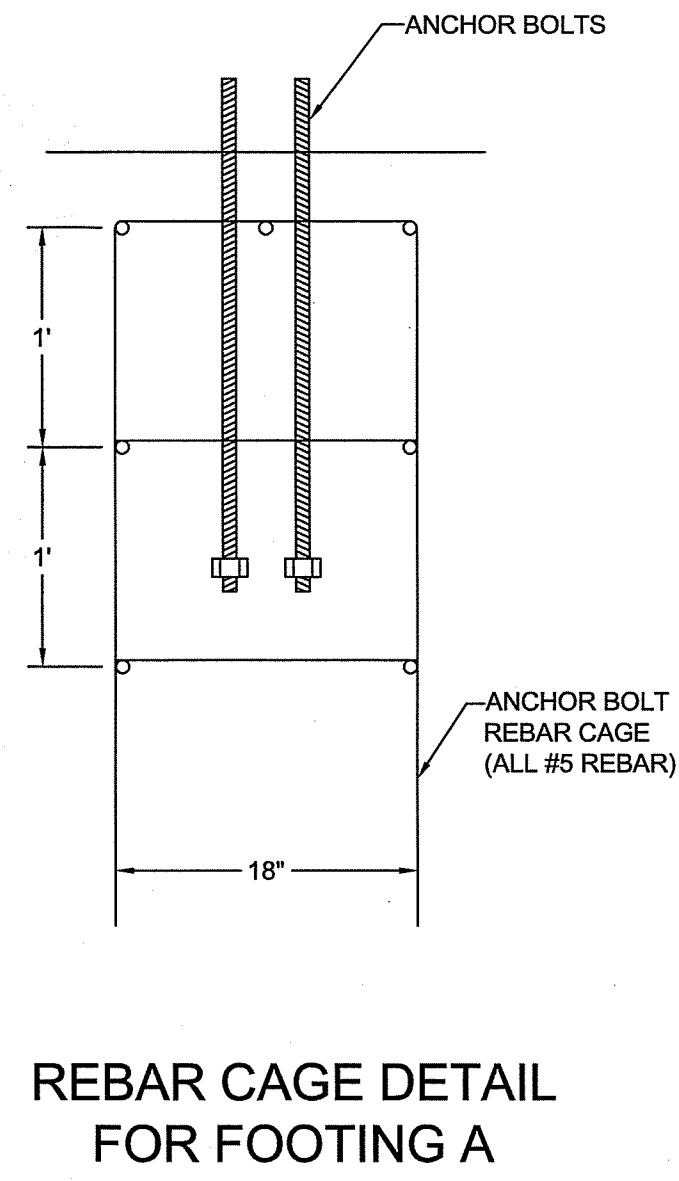
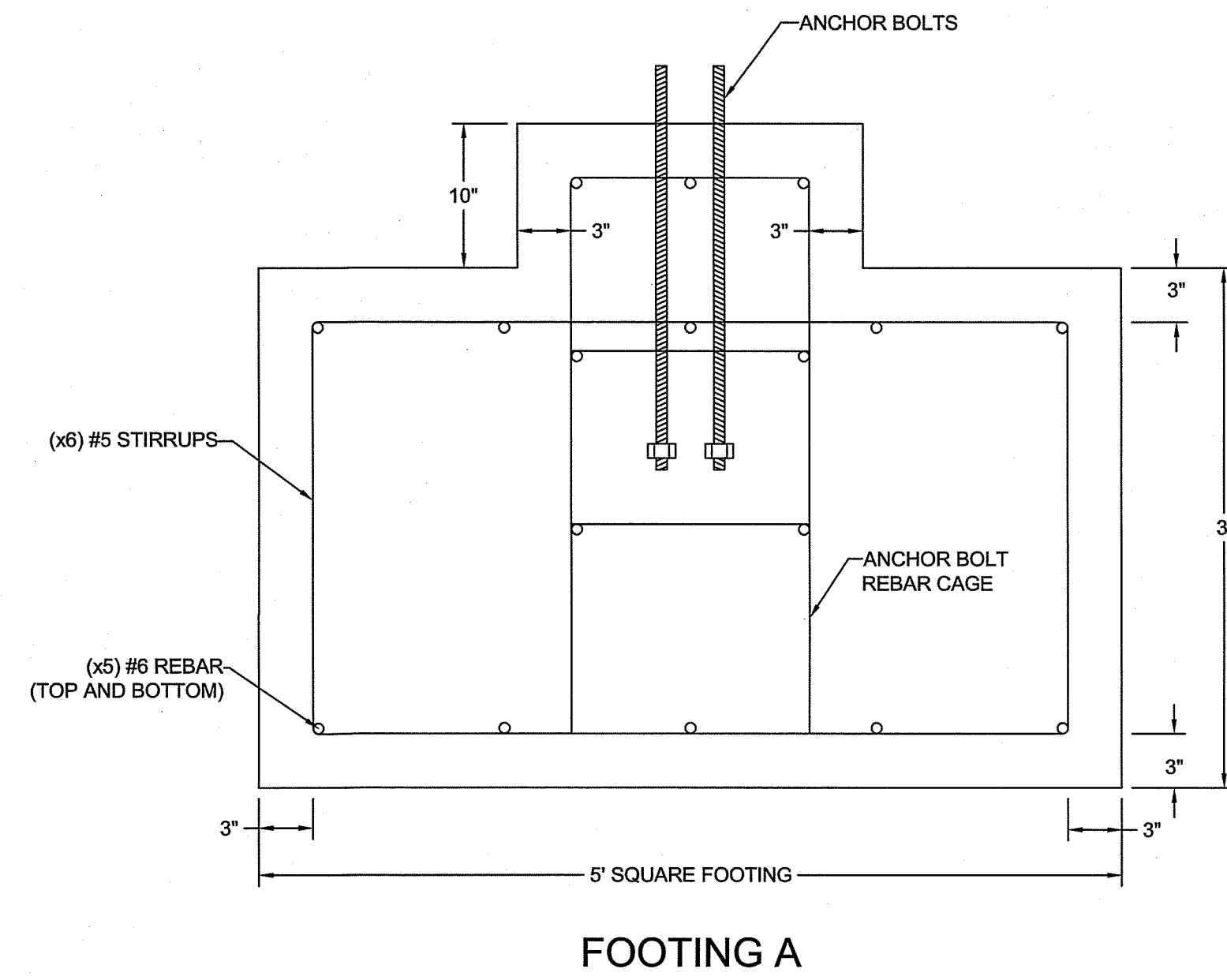
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NTS
 SALESMAN:
ALAN DUKES

DATE:
2/16/2026

PLAN:
PLAN VIEW
 FLORIDA GATEWAY FAIRGROUNDS
 LAKE CITY, FL

JOB ID:
CMG-1069
 SHEET: **2 of 5**





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SALESMAN:
ALAN DUKES

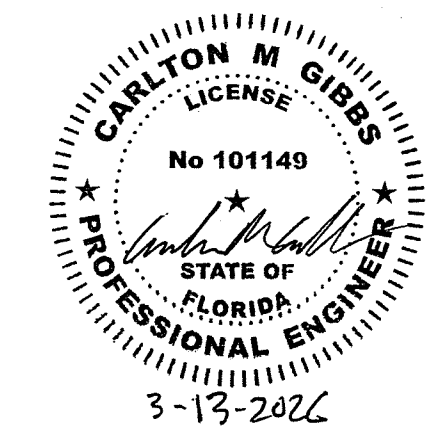
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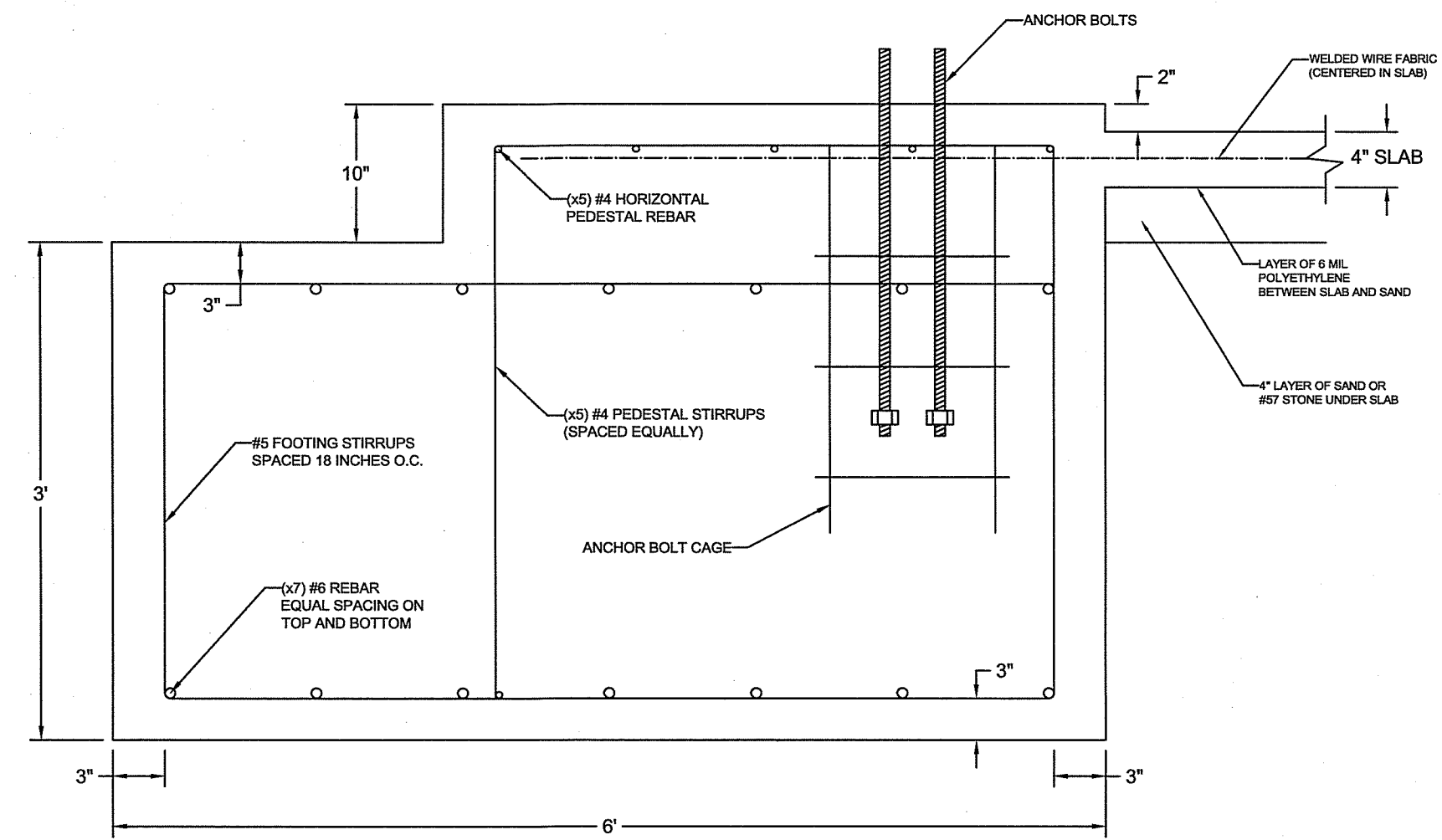
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DETAIL PAGE

FLORIDA GATEWAY FAIRGROUNDS
 LAKE CITY, FL

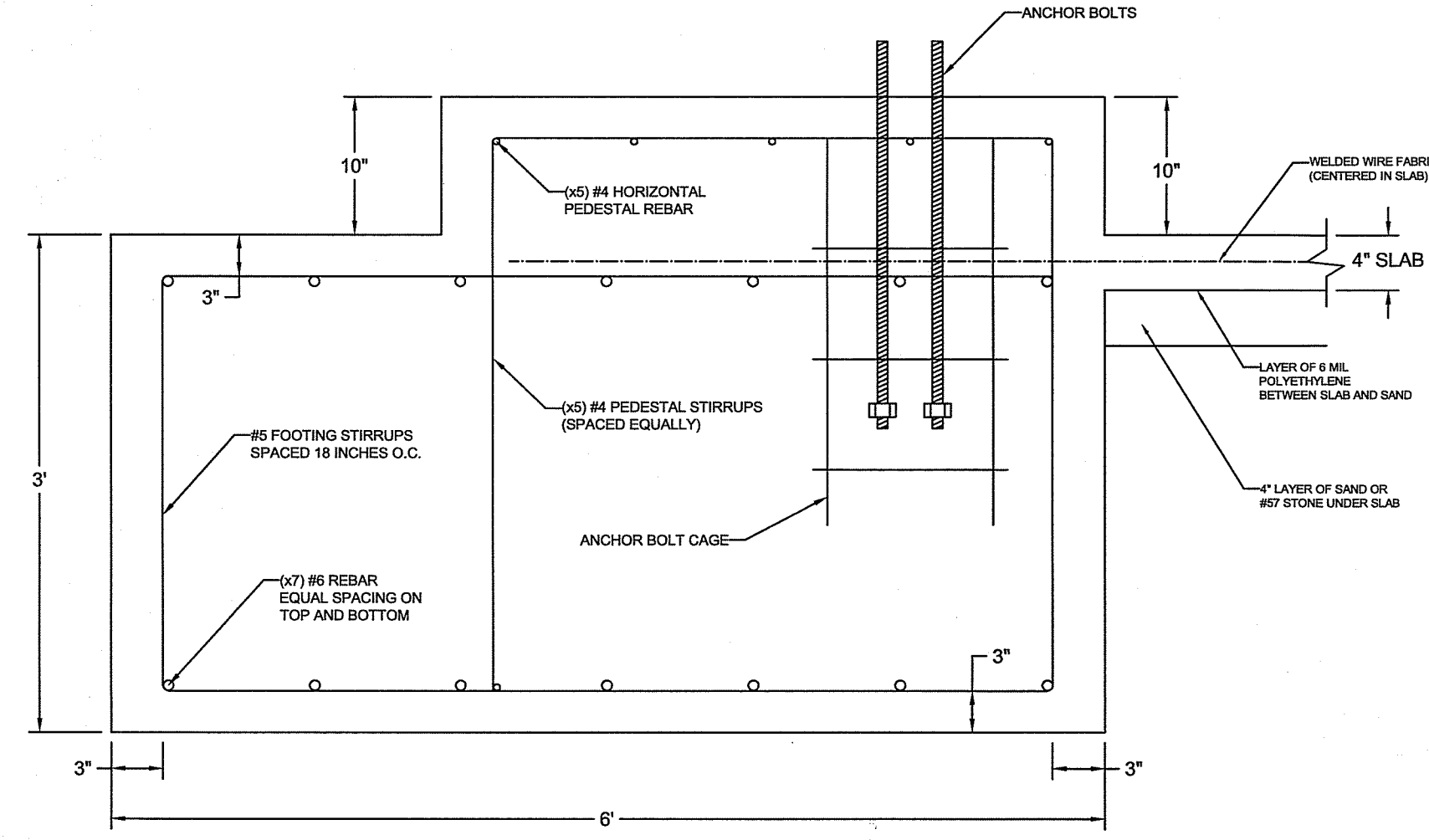
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CMG-1069

SHEET: **3 of 5**

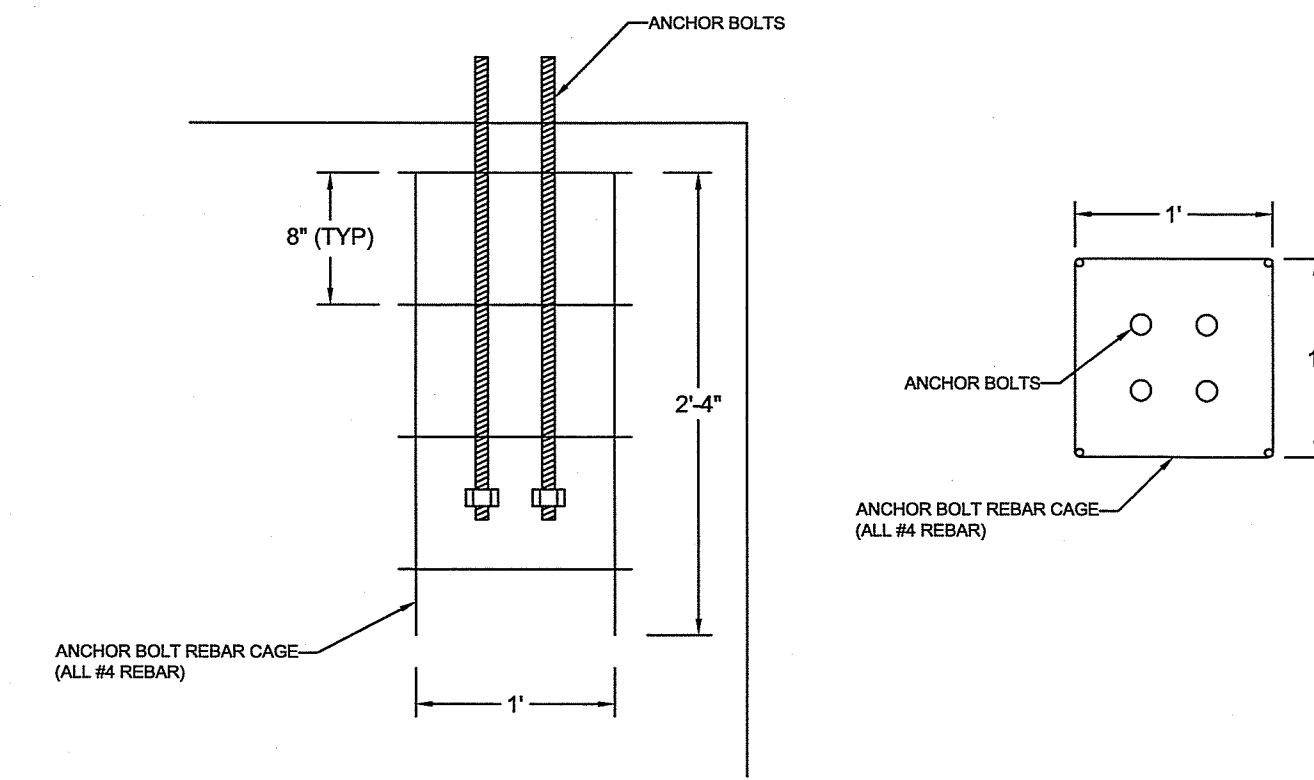




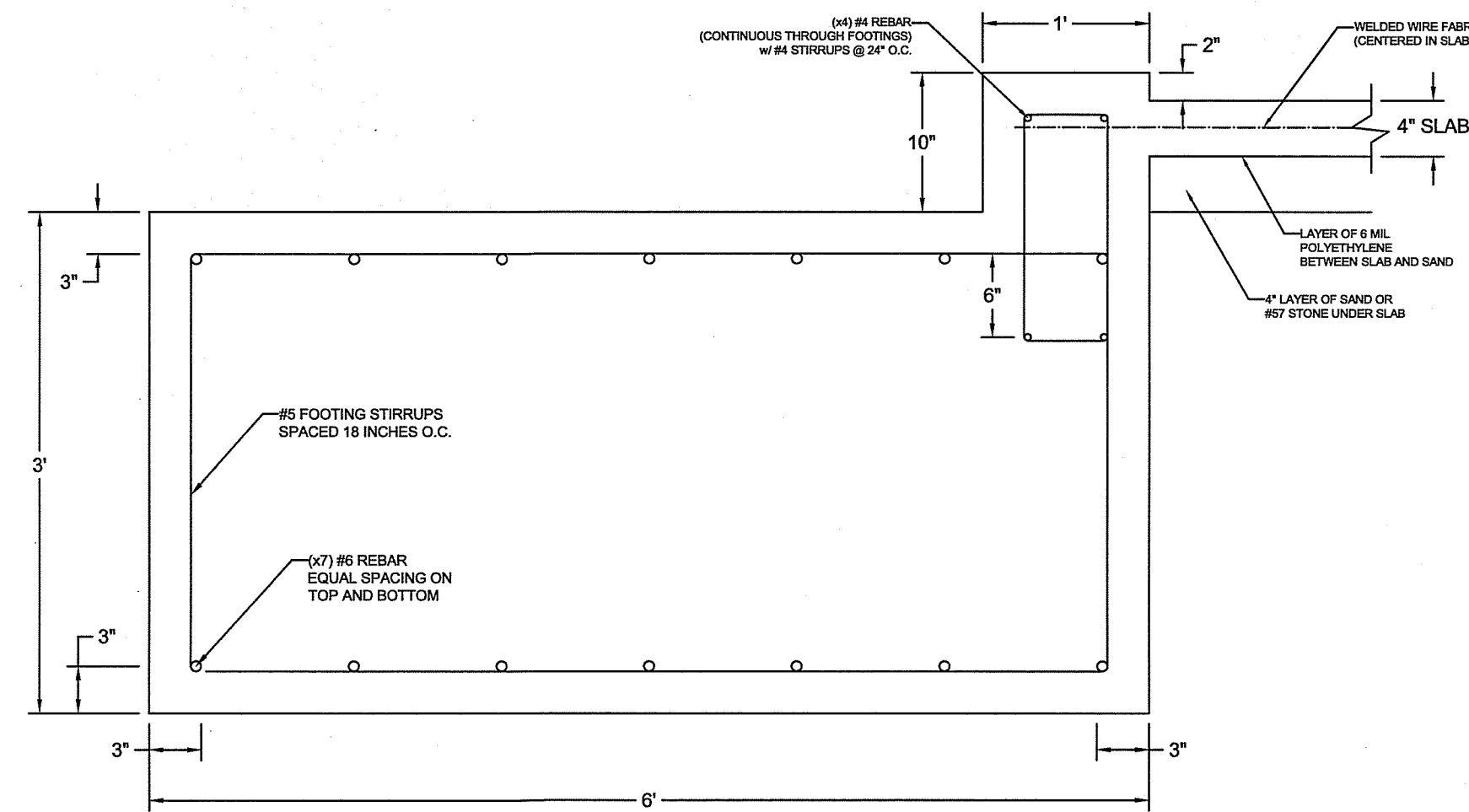
SECTION A - A



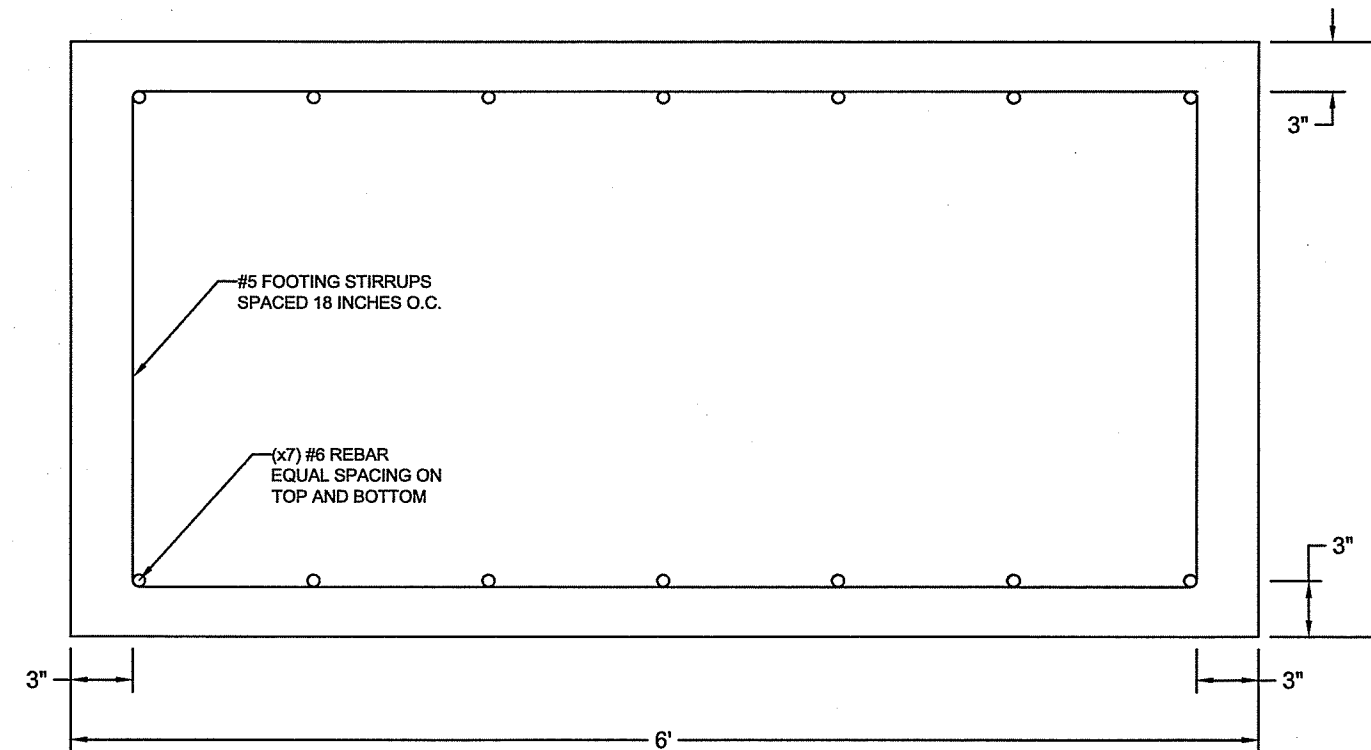
SECTION D - D



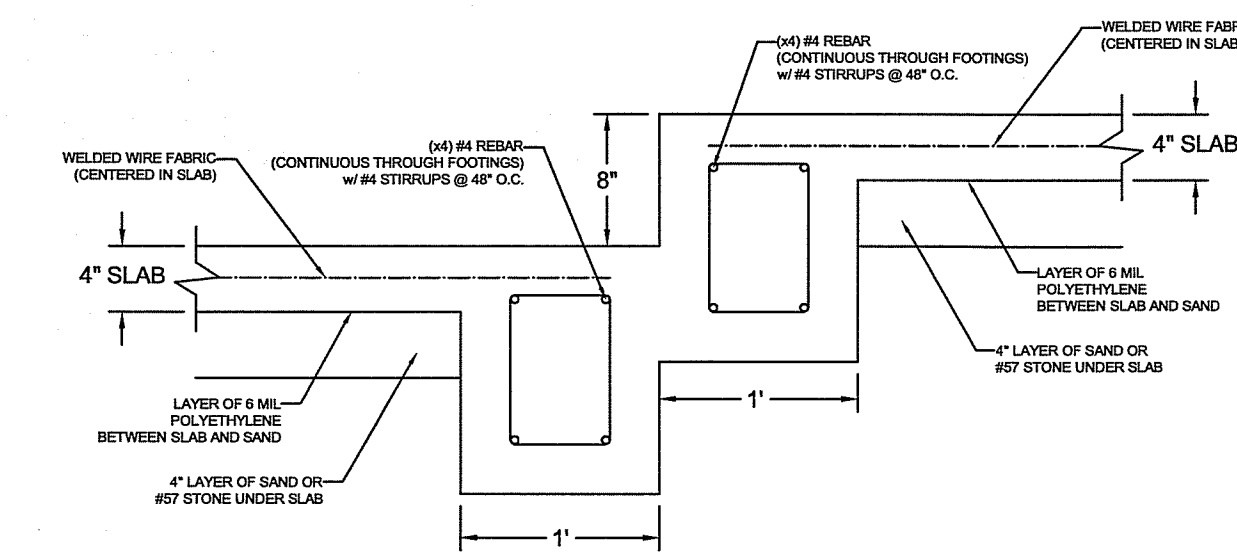
REBAR CAGE DETAIL FOR SECTION A-A & D-D & F-F



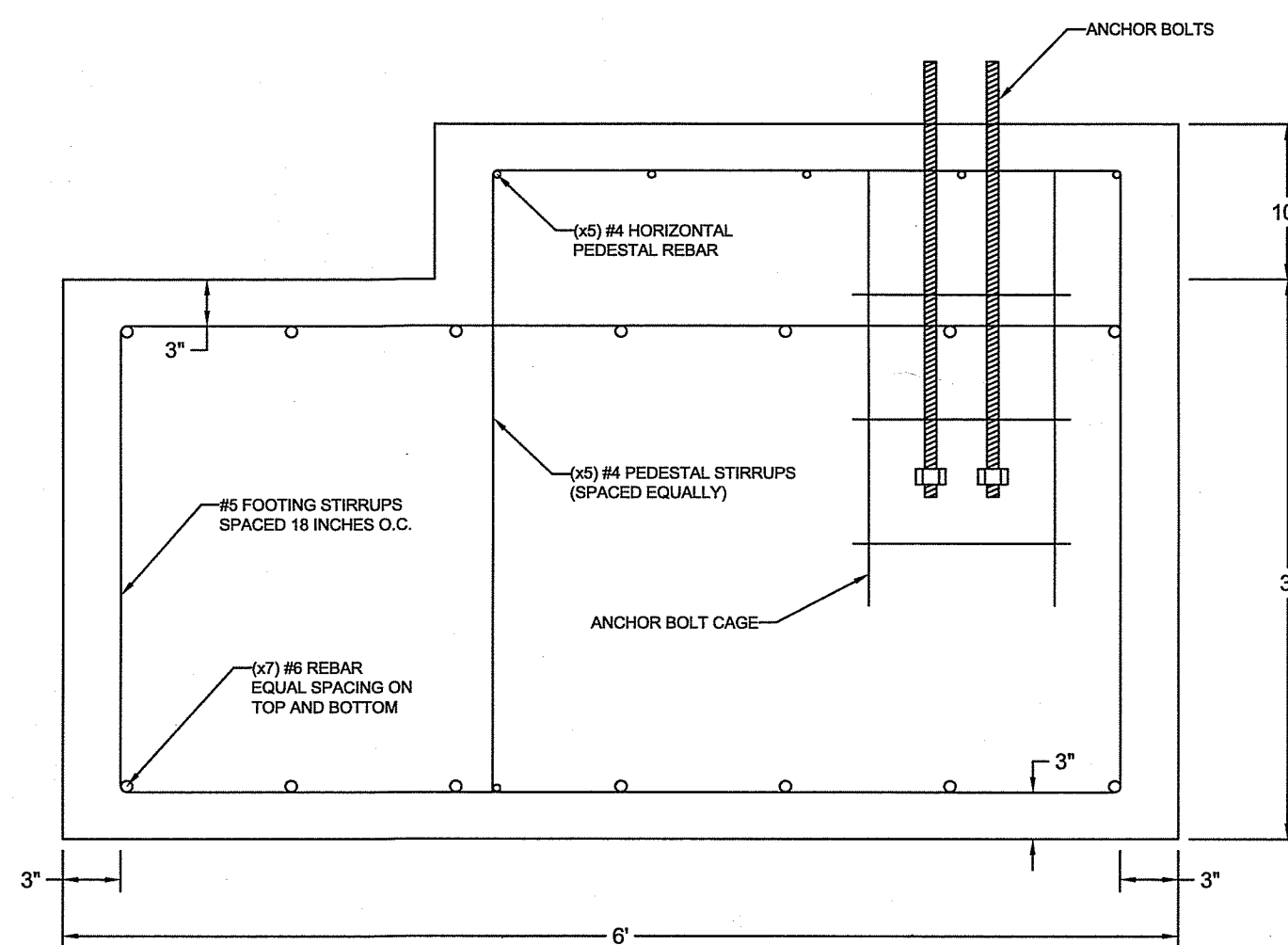
SECTION B - B



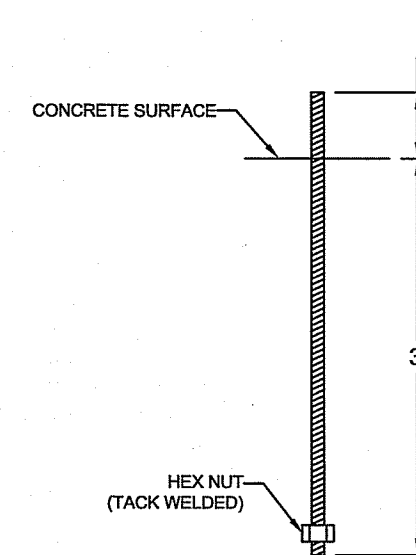
SECTION C - C



SECTION E - E

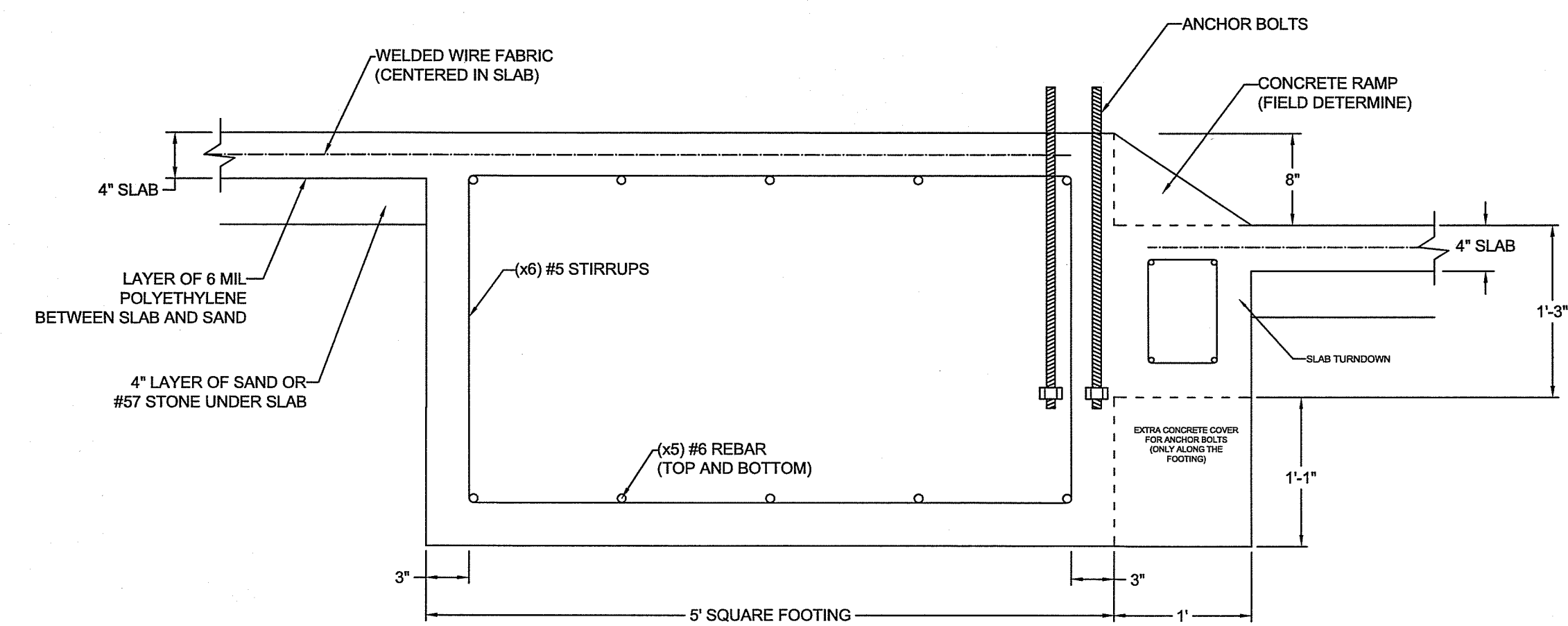


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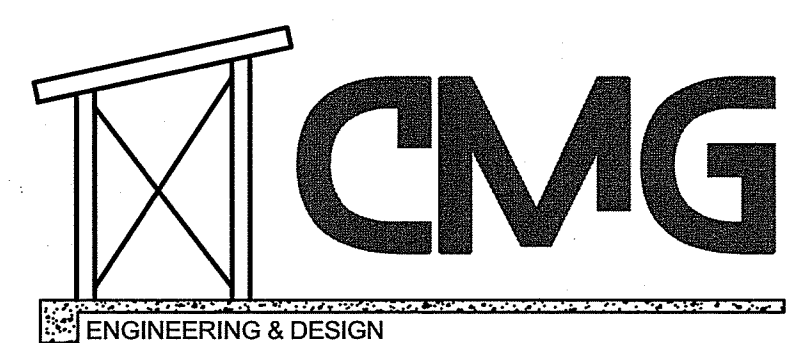


ANCHOR BOLT DETAIL FOR SECTIONS A-A & D-D

- SEE BUILDING PLANS FOR ABOVE CONCRETE PROJECTION
- ANCHOR BOLT NOTES:
- TACK WELD HEX NUT TO ANCHOR BOLT OR ELSE USE THE DOUBLE NUT METHOD
 - ANCHOR BOLTS SHALL BE ASTM F1554 GR36
 - ANY DOOR JAMB BOLTS ARE BY OTHERS
 - SEE METAL BUILDING PLANS FOR EXACT BOLT LOCATIONS RELATIVE TO THE STEEL LINE
 - SEE METAL BUILDING PLANS FOR BOLT SIZES



SECTION G - G



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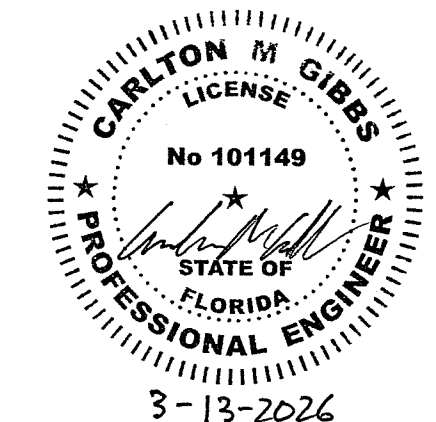
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ALAN DUKES

PLAN:
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JOB ID:
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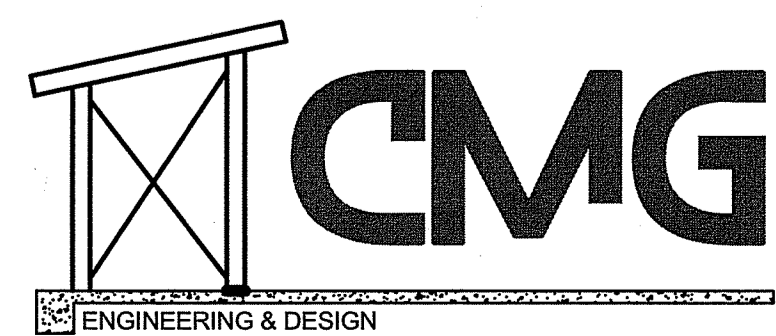
SHEET: **4 of 5**



GENERAL NOTES:

- ALL FOUNDATION WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH IBC 2024.
- ALL CONCRETE IS TO BE 3,000 PSI NORMAL WEIGHT CONCRETE.
- ALL REINFORCING BARS THAT DO NOT REQUIRE WELDING SHALL CONFORM TO ASTM-615, GRADE 60. ALL REINFORCING BARS THAT ARE TO BE WELDED SHALL CONFORM TO ASTM A706, GRADE 60. ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
- ALL REINFORCING BARS THAT REQUIRE A SPLICE SHALL BE LAPPED A MINIMUM OF 3 FEET
- THE SOIL PROPERTIES ARE ASSUMED TO BE AS SHOWN IN THE SOIL PROPERTIES TABLE. SHOULD THE GEOTECHNICAL REPORT PRODUCE SOIL PROPERTIES SHOWING THE ASSUMED VALUES TO BE INSUFFICIENT, THE CONTRACTOR SHALL CONSULT THE GEOTECHNICAL ENGINEER.
- FIBER MESH IS AN APPROPRIATE SUBSTITUTION FOR THE WELDED WIRE FABRIC REINFORCEMENT USED IN THE SLAB. THE CONTRACTOR MUST CONSULT THE MANUFACTURERS FOR EXACT SPECIFICATIONS AND DOSAGE REQUIREMENTS GIVEN FOR THE PRODUCT USED.
- CONTROL JOINTS SHALL BE ADDED TO THE SLAB AT A SPACING OF 15 FT BUT SHALL NOT BE CUT AT A DEPTH TO SEVER THE WELDED WIRE FABRIC IF USED.
- ALL ANCHOR RODS ARE TO CONFORM TO THE MATERIAL PROPERTIES OF ASTM F1554 GRADE 36 STEEL
- A VAPOR BARRIER SHALL BE INSTALLED UNDERNEATH THE SLAB CONSISTING OF A 4" LAYER OF SAND OR #57 STONE COVERED BY LAYER OF 6 MIL MINIMUM POLYETHYLENE WITH JOINTS LAPPED NOT LESS THAN 6" AND SEALED.
- ALL CONCRETE SHALL BE MIXED UNTIL THERE IS A UNIFORM DISTRIBUTION OF MATERIALS IN ACCORDANCE WITH ACI 318.
- ALL REINFORCEMENT IN THE SLAB AND FOOTINGS INCLUDING WELDED WIRE FABRIC SHALL NOT FOR ANY REASON BE CUT PRIOR, DURING, OR AFTER CONSTRUCTION AS THIS PROVIDES STRUCTURAL STABILITY FOR THE BUILDING.
- MAINTAIN 3" MINIMUM CLEARANCE FOR ALL REBAR AND ANCHOR BOLTS UNLESS OTHERWISE STATED.
- ALL FILL MATERIAL SHALL CONSIST OF SOIL WITH NO MORE THAN 10% OF THE PARTICLES PASSING A #200 SIEVE AND SHALL BE FREE OF VEGETATION, ORGANIC MATERIAL, CONSTRUCTION DEBRIS, LARGE ROCKS, AND ALL FOREIGN MATERIALS.
- PRIOR TO CONSTRUCTION, ALL VEGETATION, STUMPS, ROOTS, FOREIGN MATERIAL, AND SURFICIAL TOP SOIL SHALL BE REMOVED FROM THE AREA UNDER THE FOUNDATION AND TO A MINIMUM DISTANCE OF 5 FEET BEYOND THE LIMITS OF THE PROPOSED BUILDING. AFTER THIS STRIPPING AND CLEARING HAS BEEN COMPLETED, THE EXPOSED NATURAL SOILS SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR IN ACCORDANCE WITH ASTM D 1557.
- ALL FILL MATERIAL SHALL BE PLACED IN LIFTS NOT TO EXCEED 8 INCHES AND SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR IN ACCORDANCE WITH ASTM D 1557.
- AFTER EXCAVATION OF THE FULLY COMPACTED FILL MATERIAL TO THE PLANNED FOUNDATION LEVELS, ALL SOILS AT THE BEARING LEVEL SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR IN ACCORDANCE WITH ASTM D 1557. IF BACKFILLING IS REQUIRED IN THE FOUNDATION EXCAVATIONS, THE FILL SHALL BE PLACED IN LIFTS NOT TO EXCEED 6 INCHES.
- IF "PUMPING" OF THE NEAR SURFACE SOILS OR FILL MATERIAL OCCURS DURING THE CONSTRUCTION, WHICH RESULTS IN STRENGTH LOSS OF THE SUBSEQUENT SOIL, WORK SHALL BE TERMINATED IN THESE AREAS AND THE DISTURBED SOILS REMOVED. AFTER REMOVAL OF THESE SOILS, FILL MATERIAL WHICH HAS A WATER CONTENT OF NOT MORE THAN 10% SHALL BE REPLACED AND COMPACTED. IN LIEU OF REMOVING THE DISTURBED SOILS, THE EXCESS MOISTURE MAY BE ALLOWED TO DISSIPATE AND THE SOIL RE-COMPACTED.
- GROUNDWATER LEVELS SHALL BE CONTROLLED TO A MINIMUM OF 2 FEET BELOW THE CONSTRUCTION LEVEL. GROUNDWATER ELEVATIONS MAY FLUCTUATE DURING CONSTRUCTION; THEREFORE, TEMPORARY DE-WATERING MAY BE NECESSARY TO CONTROL THE GROUNDWATER LEVELS.

SOIL PROPERTIES TABLE	
BEARING CAPACITY: q_n	2000 PSF
ANGLE OF INTERNAL FRICTION: Φ	28°
SOIL DENSITY: γ	110 LB/FT ³
FRICTION COEFFICIENT: μ	0.45



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GENERAL NOTES
 FLORIDA GATEWAY FAIRGROUNDS
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 SHEET: **5 of 5**

