

GIRARD ST.

WESTMORELAND AVE.

EXISTING FIG TREE  
TO REMAIN

PROPOSED STEPS,  
WALLS & TRELIS

PROPERTY LINES

EXTG WILLOW OAK  
TO REMAIN

EXISTING PRIVY  
TO REMAIN

EXISTING SWEET  
OLIVE TO REMAIN

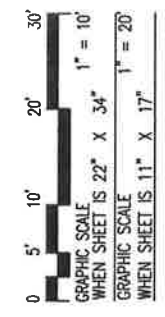
EXISTING BRICK WALL

EXISTING GATE

LINE OF EXISTING TREES  
AND SHRUBS TO REMAIN

168'-8.7"

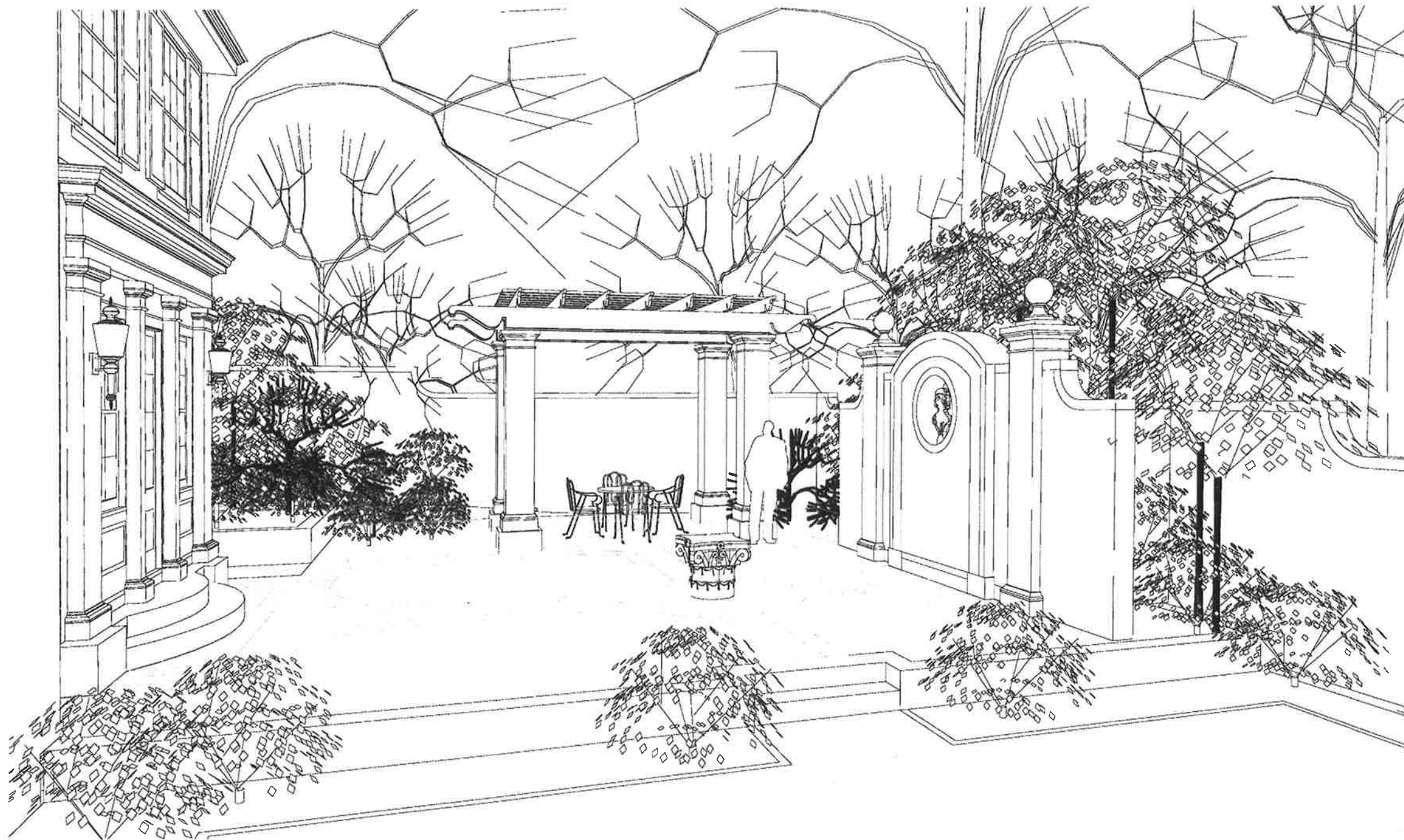
131'-10"



GARDEN STEPS, WALL & TRELIS FOR  
MR. AND MRS. TOMMY THOMPSON  
PROPERTY SITE PLAN  
22 MAY 2017

**1211**  
Westmoreland Avenue  
Montgomery, Alabama

SHT NUMBER  
**8-101**



# GARDEN STEPS, WALL & TRELLIS

## INDEX of DRAWINGS

T-101	TITLE SHEET & INDEX
A-101	SITE PLAN & ELEVATIONS
A-201	TRELLIS ELEVATIONS
A-202	WALL NICHE EAST ELEVATION
A-401	WALL NICHE PLAN & SECTIONS
A-402	WALL SECTIONS & DETAILS
A-403	STEPS ELEVATION & PLANS
A-404	STEPS SECTIONS & ELEVATION
A-501	TRELLIS AND MASONRY DETAILS
A-502	TRELLIS, WALKWAY AND MASONRY DETAILS

### GENERAL REQUIREMENTS

1. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR OBTAINING THE NECESSARY CONSTRUCTION PERMITS FROM THE PROPER AUTHORITIES.
2. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS WHICH AFFECT THE IMPLEMENTATION OF THE PROJECT.
3. CONTRACTOR SHALL PROTECT ALL OF THE OWNERS PROPERTY AND SHALL REPLACE OR REPAIR ANY DAMAGE. UNDERGROUND SEWER AND WATER LINES SHALL BE COVERED WITH 3/4" PLYWOOD WHEN DRIVEN OVER WITH VEHICLES. DAMAGE TO LAWN GRASS IS NOT REQUIRED TO BE REPAIRED OR REPLACED.
4. CONTRACTOR SHALL PROVIDE APPROPRIATE TOILET FACILITIES FOR WORK CREWS.
5. CONTRACTOR SHALL REMOVE ALL CONSTRUCTION WASTE AND DEBRIS.
6. ALL WORK SHALL CONFORM TO THESE DRAWINGS. NON-CONFORMING WORK SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. ANY ACCEPTABLE DEVIATIONS SHALL BE APPROVED IN WRITING BEFORE THE DEVIATION IS MADE.
7. ALL WORK SHALL BE PRICED IN A SPREADSHEET SCHEDULE OF LABOR AND MATERIAL VALUES PROVIDED WITH THESE DRAWINGS AND FILLED IN AND EDITED BY THE CONTRACTOR. PAYMENTS SHALL BE MADE WEEKLY IN ACCORDANCE WITH THE SCHEDULE FOR LABOR FOR WORK IN PLACE AND FOR MATERIALS ON SITE.
8. ALL WORK SHALL BE PURSUED WITH DILIGENCE IN ACCORDANCE WITH A WRITTEN TIME SCHEDULE.
9. IF THE CONTRACTOR FAILS TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH PLANS OR IN ACCORDANCE WITH THE TIME SCHEDULE, HE MAY BE TERMINATED. FINAL SETTLEMENT SHALL INCLUDE PAYMENT FOR MATERIAL ON SITE AND LABOR FOR MATERIALS IN PLACE LESS THE COST OF REMOVAL AND REPLACEMENT OF NON-CONFORMING WORK.

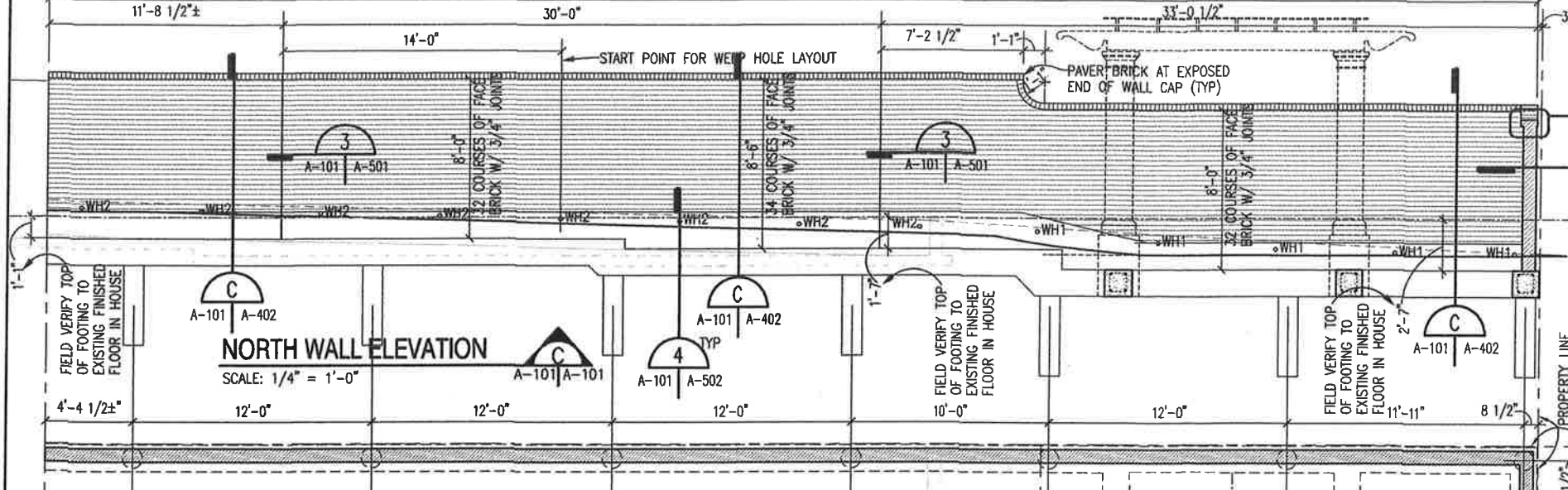
### SPECIFIC REQUIREMENTS

1. MATERIALS REQUIREMENTS
  - A. CONCRETE: NORMAL WEIGHT (W=145 PCF). 28-DAY COMPRESSIVE STRENGTH SHALL BE 3000PSI.
  - B. STEEL REINFORCING: ASTM A 615 GRADE 60 (Fy = 60 KSI).
  - C. MORTAR:
    - 1) TYPE 'N'
    - 2) ASTM C270
    - 3) COLOR TO MATCH HOUSE MORTAR.
  - D. STEEL LINTEL: ASTM A36 (Fy = 36 ksi).
2. REQUIREMENTS FOR FOUNDATIONS
  - A. EXCEPT WHERE INDICATED OTHERWISE, INSTALLATION OF COMPACTED BACKFILL SHALL BE DONE SIMULTANEOUSLY ON BOTH SIDES OF WALLS TO PRECLUDE UNBALANCED SOIL LOADS. PLACE FILL USING HAND DIRECTED COMPACTION EQUIPMENT. DO NOT USE HEAVY CONSTRUCTION EQUIPMENT ADJACENT TO THE FOUNDATION.
  - B. DO NOT PERMIT FOUNDATION BEARING SOIL TO BECOME SATURATED OR DRY EXCESSIVELY. CONCRETE FOR SHALLOW FOUNDATIONS SHALL BE PLACED AS SOON AFTER THE COMPLETION OF THE EXCAVATIONS AS POSSIBLE. IF A DELAY OF MORE THAN TWO DAYS IS EXPECTED FOR FOUNDATION CONCRETE PLACEMENT IN ANY EXCAVATION, PLACE A 2" THICK LEAN CONCRETE (f'c=2000 PSI MIN.) "MUD MAT" ATOP THE EXPOSED BEARING SOILS. TAMP EXCAVATION BOTTOMS PRIOR TO PLACEMENT OF MUD MATS.
  - C. CENTERLINES OF WALLS RELATIVE TO FOOTING LOCATIONS SHALL BE AS SHOWN IN THE WALL SECTIONS. THE TOPS OF FOOTINGS SHALL BE AS SHOWN IN THE WALL ELEVATIONS.
3. REQUIREMENTS FOR CONCRETE
  - A. LAP REINFORCING BARS AS DETAILED IN THE DRAWINGS OR PER THE IBC IF NOT DETAILED.
  - B. FURNISH MATERIALS, MIX, PLACE, FINISH AND CURE ALL CONCRETE IN ACCORDANCE WITH ACI 318.
  - C. DETAILING OF REINFORCING SHALL BE IN ACCORDANCE WITH ACI 318 AND ACI 315.
  - D. CONCRETE REINFORCING BAR COVER SHALL BE AS SHOWN IN DETAILS ON THE PLANS.
  - E. SECURE ALL REINFORCING BARS IN THE CORRECT POSITION PRIOR TO PLACING CONCRETE.
  - F. TOLERANCES FOR PLACEMENT OF FORMS AND CONCRETE SHALL BE IN ACCORDANCE WITH ACI 301.
  - G. WALL REINFORCING SHALL BE DOWELED TO FOUNDATIONS WITH HOOKED BARS OF SAME SIZE AND SPACING AS VERTICAL REINFORCING.
  - H. PROVIDE CORNER BARS IN ALL FOOTING CORNER INTERSECTIONS.
  - I. OWNER SHALL INSPECT ALL REINFORCING AND APPROVE IT WITH AN E-MAIL BEFORE CONCRETE IS ORDERED AND PLACED.

GARDEN STEPS, WALL & TRELLIS FOR  
 MR. AND MRS. TOMMY THOMPSON  
 TITLE SHEET & INDEX  
 22 MAY 2017

1211  
 Westmoreland Avenue  
 Montgomery, Alabama

SHT NUMBER  
 T-101



**NORTH WALL ELEVATION**

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

**NORTH WALL ELEVATION**

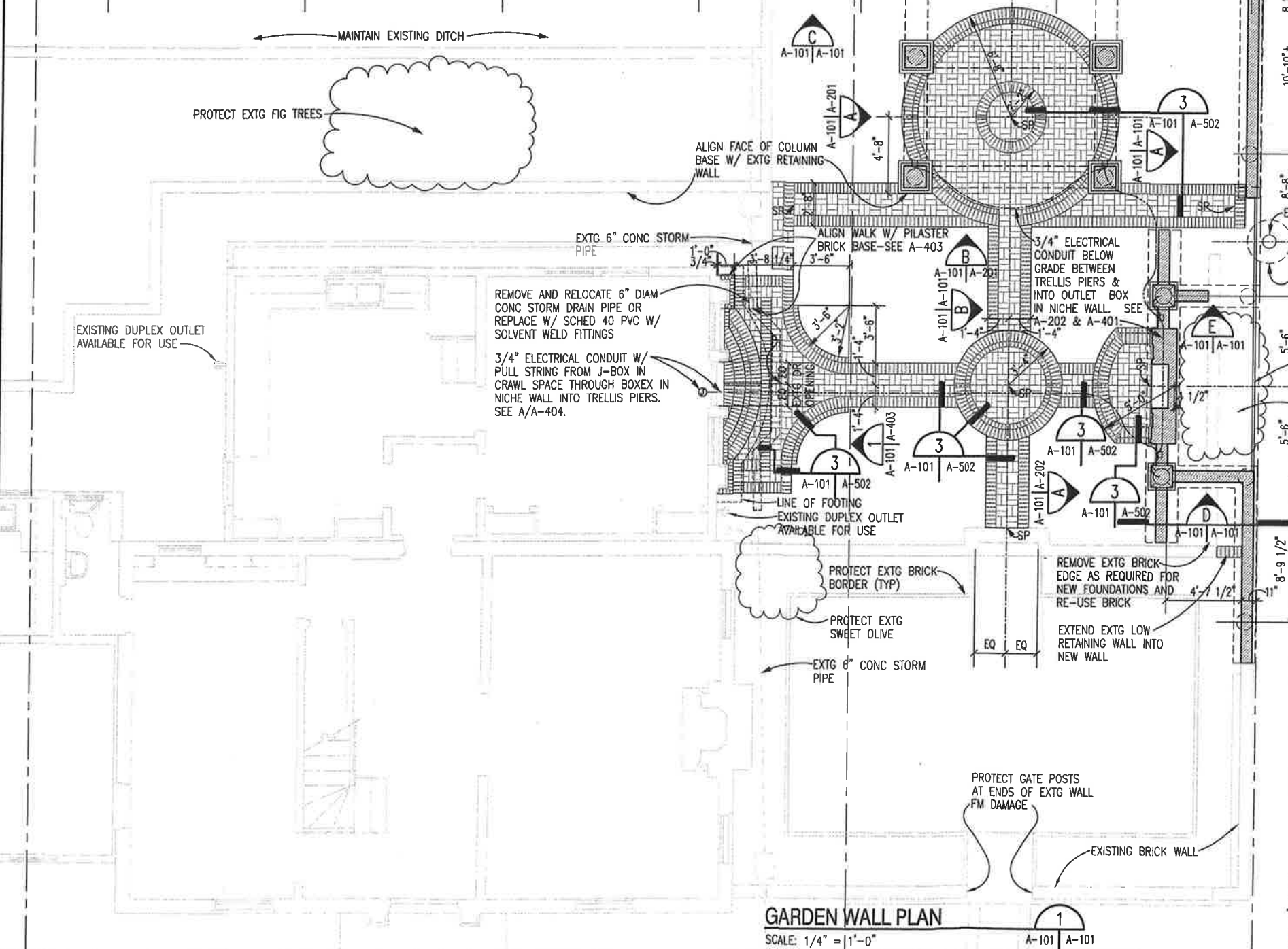
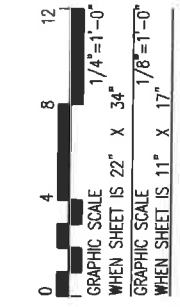
SCALE: 1/4" = 1'-0"

**SOUTH WALL ELEVATION**

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

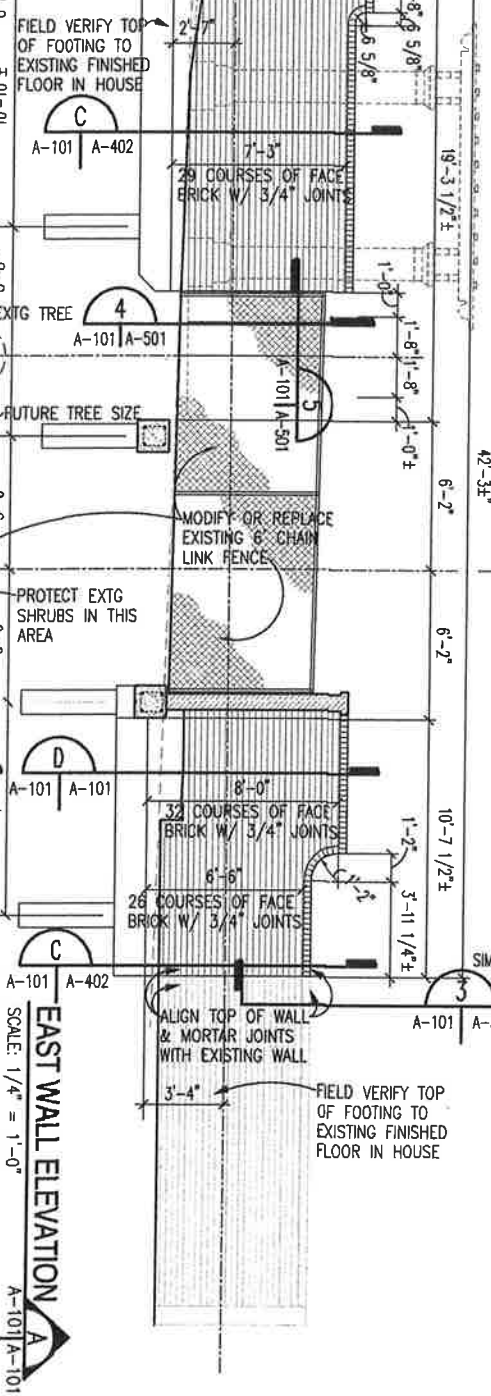
**GENERAL NOTES:**

- SP - START POINT FOR BASKET WEAVE PAVER PATTERN
- GRADE SOIL ON BOTH SIDES OF WALL SO THAT THE TOP OF WALL ALONG THE PROPERTY LINE IS NOT MORE THAN 7'-0" ABOVE THE FINISHED GRADE



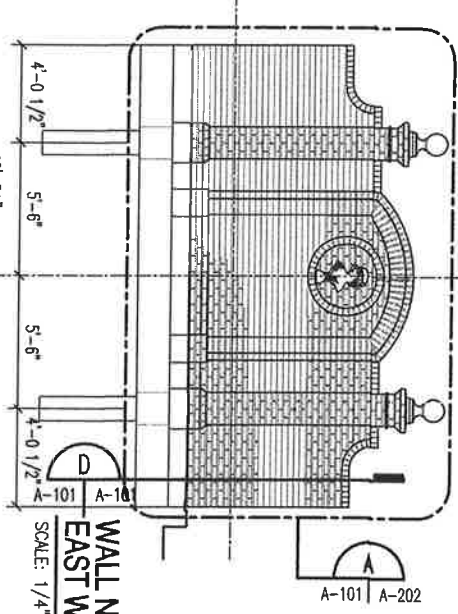
**GARDEN WALL PLAN**

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



**EAST WALL ELEVATION**

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



**WALL NICHE EAST WALL ELEVATION**

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

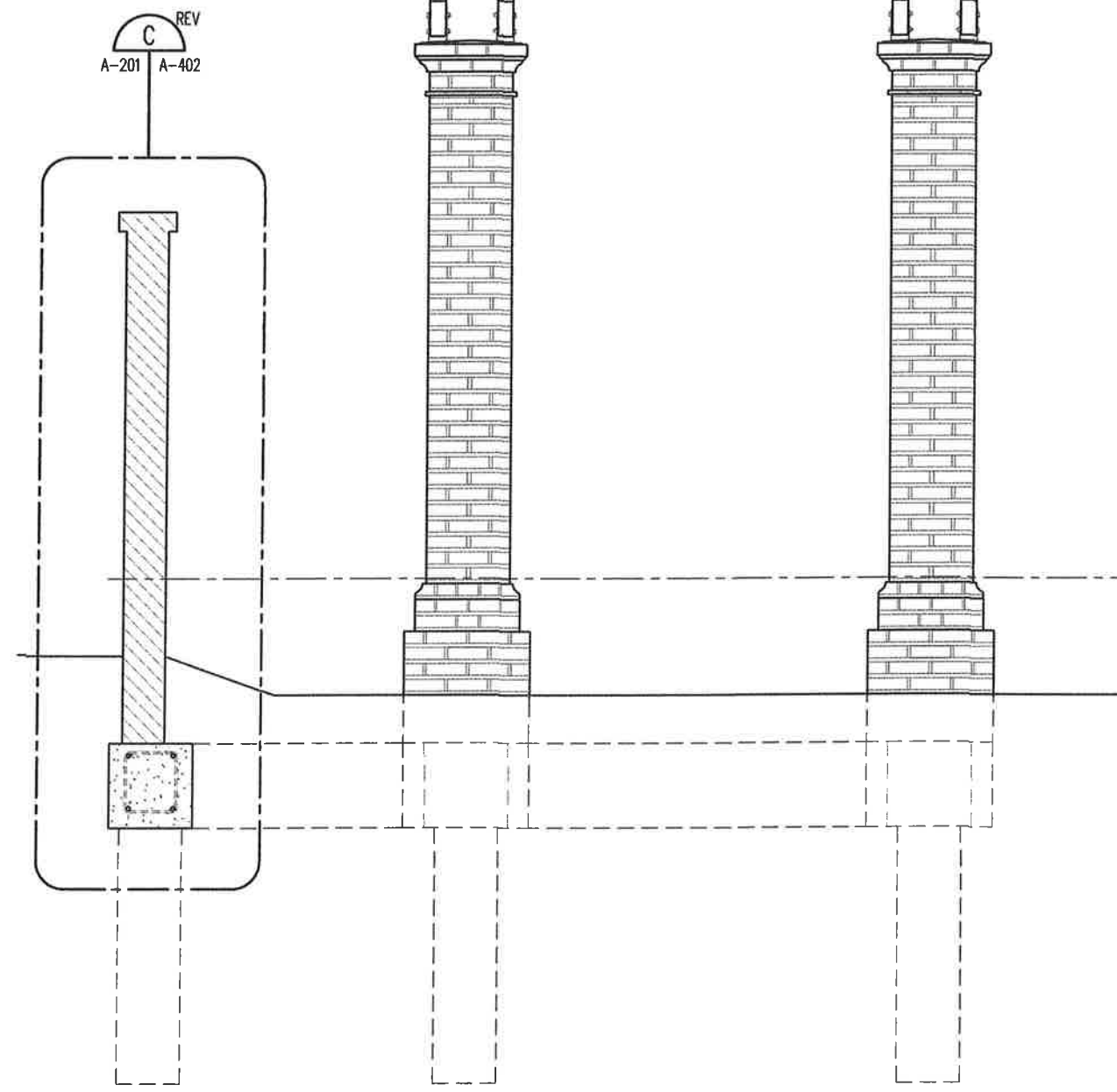
GARDEN STEPS, WALL & TRELLIS FOR MR. AND MRS. TOMMY THOMPSON  
 22 MAY 2017

1211  
 Westmoreland Avenue  
 Montgomery, Alabama

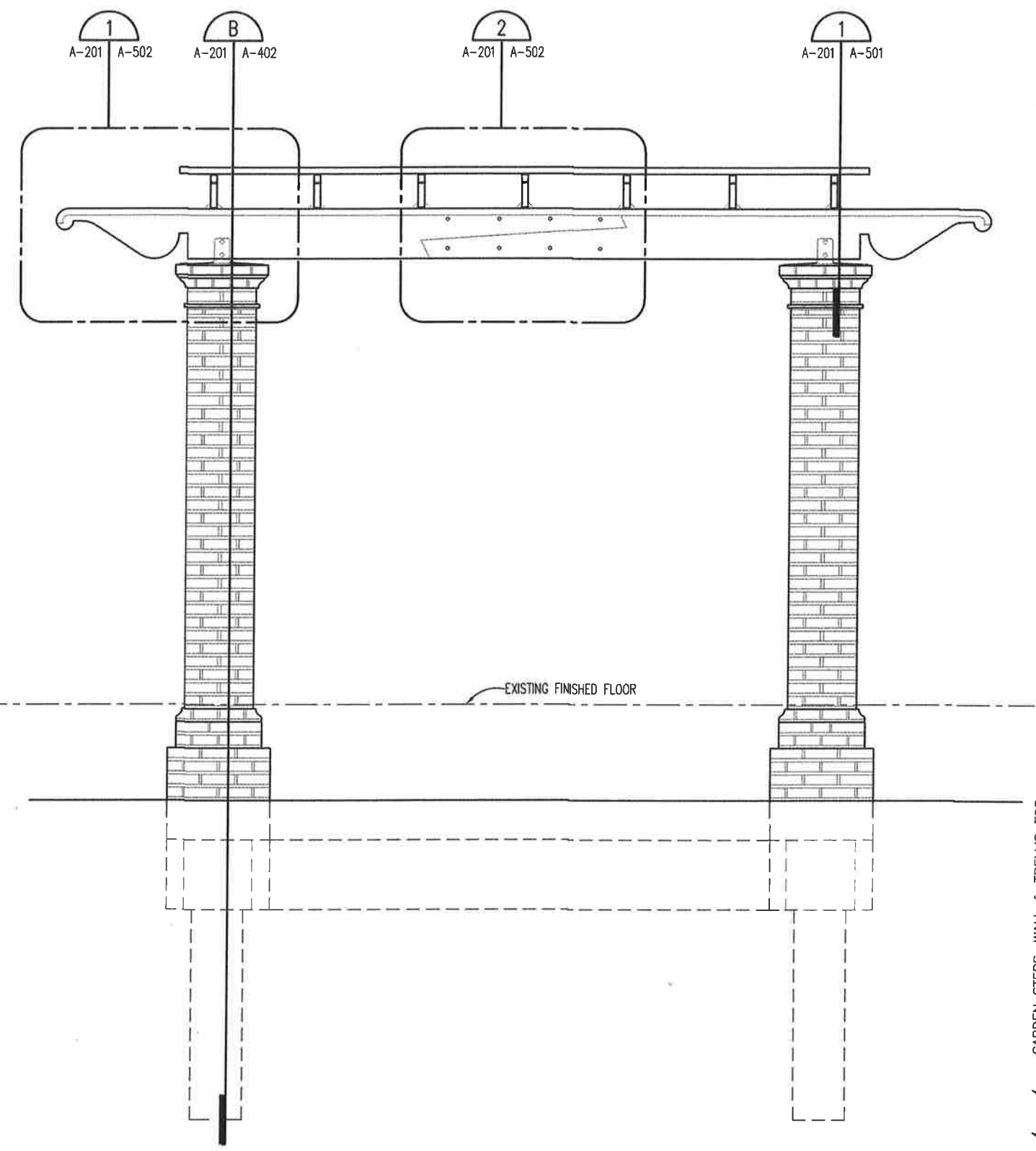
SHT NUMBER  
 A-101



0 1' 2' 3' 4'  
 GRAPHIC SCALE  
 WHEN SHEET IS 22" X 34"  
 GRAPHIC SCALE  
 WHEN SHEET IS 11" X 17"



**TRELLIS WEST ELEVATION**  
 SCALE: 3/4" = 1'-0"  
 A-101 | A-201

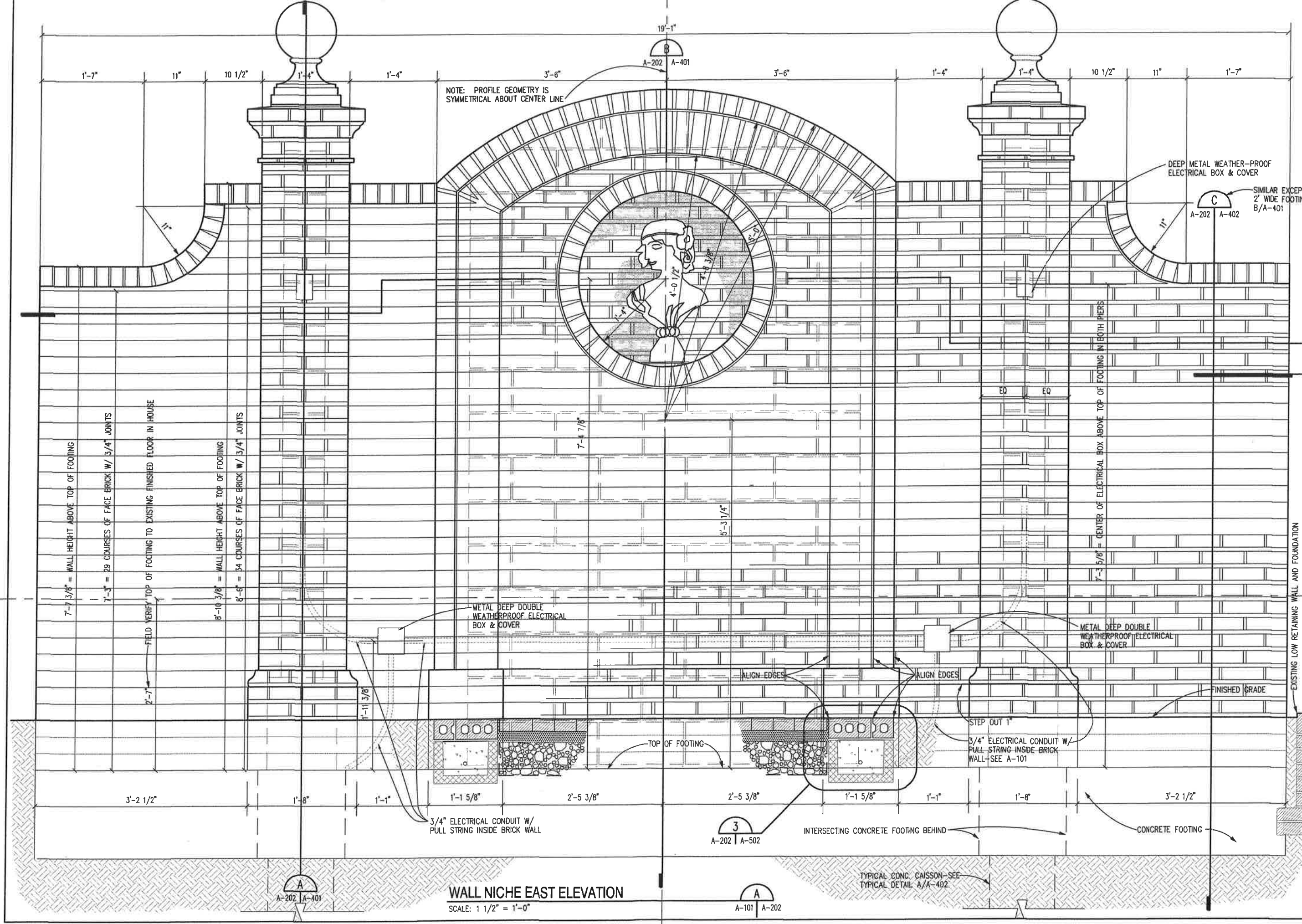


**TRELLIS SOUTH ELEVATION**  
 SCALE: 3/4" = 1'-0"  
 A-101 | A-201

GARDEN STEPS, WALL & TRELLIS FOR  
 MR. AND MRS. TOMMY THOMPSON  
 TRELLIS ELEVATIONS  
 22 MAY 2017

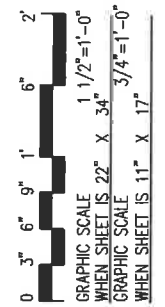
1211  
 Westmondland Avenue  
 Montgomery, Alabama

SHT NUMBER  
 A-201

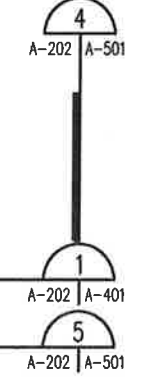


NOTE: PROFILE GEOMETRY IS SYMMETRICAL ABOUT CENTER LINE

**WALL NICHE EAST ELEVATION**  
SCALE: 1 1/2" = 1'-0"



GRAPHIC SCALE WHEN SHEET IS 22" X 34"  
GRAPHIC SCALE WHEN SHEET IS 11" X 17"



GARDEN STEPS, WALL & TRELIS FOR MR. AND MRS. TOMMY THOMPSON  
WALL NICHE EAST ELEVATION  
22 MAY 2017

1211  
Westmond Avenue  
Montgomery, Alabama

SHT NUMBER  
A-202



OFICI CONC. BALL FINIAL SET IN FULL MORTAR BED  
 SOLID CONC FILL  
 TWO #3 STL REINF BAR HOOPS AROUND PERIMETER OF CONC  
 BRICK PAVER CAP  
 MORTAR JOINT ABOVE WATER TABLE PROFILE STRUCK WITH QUARTER ROUND PROFILE  
 WATER TABLE STRETCHER BRICK W/ 2 3/4" OUTSIDE CORNER PIECES  
 CUT BRICK PAVER COLLAR

ATTACH OFICI CONC. BALL FINIAL TOP TO BOTTOM W/ FULL MORTAR BED

CURVED FACE BRICK CAP LAID IN RUNNING BOND  
 FAN-ARCHED SOLDIER COURSED FACE BRICK BAND  
 6" CONC BLOCK WITH CELLS FILLED WITH CONCRETE W/ VERTICAL #6 STL REINF BEYOND  
 BOND BEAM WITH TWO #5 STL REINF BARS CONT. TURNED DOWN 12" AT EACH END  
 FACE BRICK WITH 3/4" HORIZONTAL JOINTS AND 3/8" VERTICAL JOINTS (4 COURSES = 12") - MORTAR COLOR AND MORTAR JOINTS STRUCK FLUSH TO MATCH ADJACENT HOUSE

OFICI IRON STATUE  
 1/4" MOUNTING PLATE WITH TWO 1/4" THREADED RODS, DOUBLE NUTS AND LOCK WASHERS - PAINTED WITH RUST INHIBITING METAL PRIMER PROVIDED BY OWNER; WORK THREADED RODS INTO BOTTOM OF IRON STATUE TO BE TIGHT.

SLOPE BOTTOM QUARTER OF BRICK LINING IN NICHE 1/8" FT TO SHED WATER

TWO 1/2" DIAM STL THREADED RODS, 16" LONG WITH NUT AND LOCK WASHER AT TOP AND TWO NUTS AND LARGE WASHER AT BOTTOM IN CONCRETE

FACE BRICK WITH 3/4" HORIZONTAL JOINTS AND 3/8" VERTICAL JOINTS (4 COURSES = 12") - MORTAR COLOR AND MORTAR JOINTS STRUCK FLUSH TO MATCH ADJACENT HOUSE

BRICK PAVER FACE BRICK IN STEPPED FACE (TYP)

#6 STL VERTICAL REINF BARS IN CONC. FILLED CONC BLOCK AT 16" O.C.  
 #6 STL DOWELS W/ 3/32" MIN LAP WITH VERTICAL BARS AT 16" O.C.

SEE DET 3/A-502 FOR WALKWAY DETAILS

SEE SECTION A/A-401 FOR NICHE WALL FOOTING REINFORCING  
 1'-4" DEEP X 2'-0" WIDE CONC FOOTING

ONE #6 STL VERTICAL REINF BAR CENTERED IN CONC FILLED 8" X 8" CONC BLOCK

3/4" DIAM ELEC CONDUIT W/ PULL STRING IN CONC FILLED BLK

3/4" ELECTRICAL CONDUIT W/ PULL STRING FROM OUTLET BOXES IN NICHE WALL INTO EACH PIER TO FUTURE FIXTURE BOXES - RUN IN NOTCHES IN BACK OF BRICK

3/4" ELECTRICAL CONDUIT W/ PULL STRING FROM OUTLET BOX IN NICHE WALL INTO TRELIS PIERS

FACE BRICK LINING TO NICHE LAID IN RUNNING BOND

METAL DEEP DOUBLE WEATHERPROOF ELECTRICAL BOX & COVER

CENTERLINE OF NICHE

6" WALL THICKNESS AT BACK OF NICHE

FACE BRICK WITH 3/4" HORIZONTAL JOINTS AND 3/8" VERTICAL JOINTS (4 COURSES = 12") - MORTAR COLOR AND MORTAR JOINTS STRUCK FLUSH TO MATCH ADJACENT HOUSE; USE LENGTHWISE HALF BRICK INSIDE NICHE

FULLY GROUT BRICK TO BLOCK

CENTERLINE OF EXTG DINING RM DOOR OPENING AND NICHE

TWO #6 STL VERT REINF BARS AT EACH END OF WALL - SEE PLAN 1/A-401

STL HORIZONTAL TRUSS JOINT REINF AT 2'-0" O.C. VERTICALLY - HOT DIPPED CARBON STL; 0.187 INCH DIAM SIDE RODS AND CROSS RODS; CROSS RODS SPACING LESS THAN 16" O.C.; UNITS 10' LONG; LAP 6" MIN. AT UNIT ENDS; WIDTH WITHIN 1" OF WALL EDGE; LAP TWO STL HORIZONTAL LADDER JOINT REINF PIECES WHERE REQUIRED FOR WIDTH

LINE OF FOOTING

3/4" CONDUIT W/ PULL STRING BETWEEN BACK OF NORTH OUTLET BOX TO BACK OF SOUTH OUTLET BOX

3/4" ELECTRICAL CONDUIT W/ PULL STRING FROM J-BOX IN CRAWL SPACE TO OUTLET BOX IN NICHE WALL

FINISHED GRADE

SOLID CONC FILL BETWEEN BRICK AND CONC BLOCK

METAL DEEP DOUBLE WEATHERPROOF ELECTRICAL BOX & COVER

3/4" ELECTRICAL CONDUIT W/ PULL STRING FROM OUTLET BOXES IN NICHE WALL INTO EACH PIER TO FUTURE FIXTURE BOXES - RUN IN NOTCHES IN BACK OF BRICK

TWO #6 STL DOWELS W/ 60" MIN LAP W/ VERTICAL BARS AT EACH END OF WALL - SEE PLAN 1/A-401

3/4" DIAM ELEC CONDUIT IN CONC FILLED BLK

CENTER DEEP METAL WEATHERPROOF ELECTRICAL BOX W/ COVER 7'-3 5/8" ABOVE TOP OF FOOTING

3/4" ELECTRICAL CONDUIT W/ PULL STRING FROM OUTLET BOXES IN NICHE WALL INTO EACH PIER TO ELECTRICAL BOX FOR FUTURE

STL HORIZONTAL TRUSS JOINT REINF AT 2'-0" O.C. VERTICALLY; HOT DIPPED CARBON STL; 0.187 INCH DIAM SIDE RODS AND CROSS RODS; CROSS RODS SPACING LESS THAN 16" O.C.; UNITS 10' LONG; LAP 6" MIN. AT UNIT ENDS (TYP)

FACE BRICK WITH 3/4" HORIZONTAL JOINTS AND 3/8" VERTICAL JOINTS (4 COURSES = 12") - MORTAR COLOR AND MORTAR JOINTS STRUCK FLUSH TO MATCH ADJACENT HOUSE

ONE #6 STL VERTICAL REINF BARS CENTERED IN CONC FILLED 8" X 8" CONC BLOCK

FULLY GROUT BRICK TO BLOCK

WATER TABLE STRETCHER BRICK W/ OUTSIDE CORNER PIECES

ONE #6 STL DOWEL W/ 60" MIN LAP WITH VERTICAL BAR

FINISHED GRADE

CONC FILL

1'-4" DEEP X 2'-0" WIDE CONC FOOTING

THREE #5 STL REINF BARS CONT IN TOP OF FOOTING

#3 STL STIRRUPS AT 16" O.C. MIN

THREE #5 STL REINF BARS CONT IN BOTTOM OF FOOTING

TYPICAL CONC. CAISSON-SEE TYPICAL DETAIL A/A-402

**PIER SECTION**

SCALE: 1 1/2" = 1'-0"

A-101, A-202 | A-401

**NICHE SECTION**

SCALE: 1 1/2" = 1'-0"

A-202 | A-401

**NICHE & PIER PLAN**

SCALE: 1 1/2" = 1'-0"

A-202 | A-401

#3 STL VERTICAL REINF BAR FULL HEIGHT OF RUNNING BOND MASONRY. NOTCH BRICK TO FORM 4" X 3" MIN CAVITY FILLED W/ CONC. PLACE BAR 6" FM END OF WALL

2.25" DEEP 2 GANG METAL WEATHERPROOF ELECTRICAL OUTLET BOX W/ 3/4" HOLES

TWO 1" DEEP 2 GANG METAL WEATHERPROOF ELECTRICAL OUTLET BOX EXTENSION RINGS

ONE #6 STL VERTICAL REINF BAR CENTERED WITHIN EACH BLOCK CELL IN CONC FILLED CONC BLOCK

8" CONC BLOCK WALL LAID IN RUNNING BOND PATTERN WITH CELLS FILLED WITH CONCRETE

FACE BRICK LINING TO NICHE LAID IN RUNNING BOND

FACE BRICK WITH 3/4" HORIZONTAL JOINTS AND 3/8" VERTICAL JOINTS (4 COURSES = 12") - MORTAR COLOR AND MORTAR JOINTS STRUCK FLUSH TO MATCH ADJACENT HOUSE; USE LENGTHWISE HALF BRICK INSIDE NICHE

3/4" CONDUIT W/ PULL STRING FM BACK OF NORTH OUTLET BOX TO BACK OF SOUTH OUTLET BOX

8" CONC BLOCK WALL LAID IN RUNNING BOND PATTERN WITH CELLS FILLED WITH CONCRETE

ONE #6 STL VERTICAL REINF BAR CENTERED WITHIN EACH BLOCK CELL IN CONC FILLED CONC BLOCK

LINE OF FOOTINGS

FULLY GROUT BRICK TO BLOCK

TWO 1" DEEP 2 GANG METAL WEATHERPROOF ELECTRICAL OUTLET BOX EXTENSION RINGS

2.25" DEEP 2 GANG METAL WEATHERPROOF ELECTRICAL OUTLET BOX W/ 3/4" HOLES

ONE #6 STL VERTICAL REINF BAR CENTERED IN CONC FILLED 8" X 8" CONC BLOCK

LINE OF FOOTINGS

GARDEN STEPS, WALL & TRELIS FOR MR. AND MRS. TOMMY THOMPSON

1211 Westmoreland Avenue Montgomery, Alabama

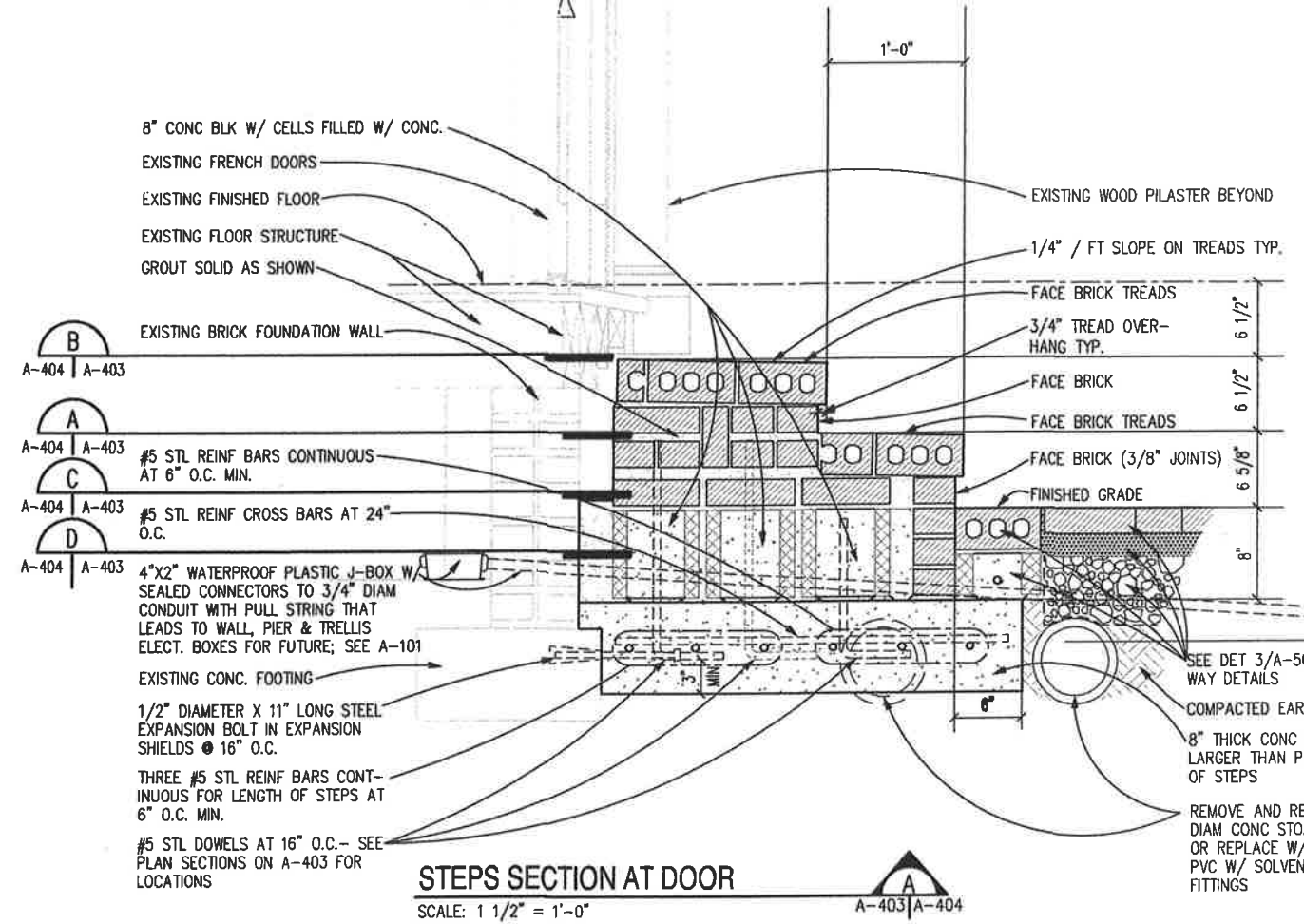
SHT NUMBER A-401

22 MAY 2017

WALL NICHE PLAN & SECTIONS

GRAPHIC SCALE WHEN SHEET IS 22" X 34" GRAPHIC SCALE WHEN SHEET IS 11" X 17"

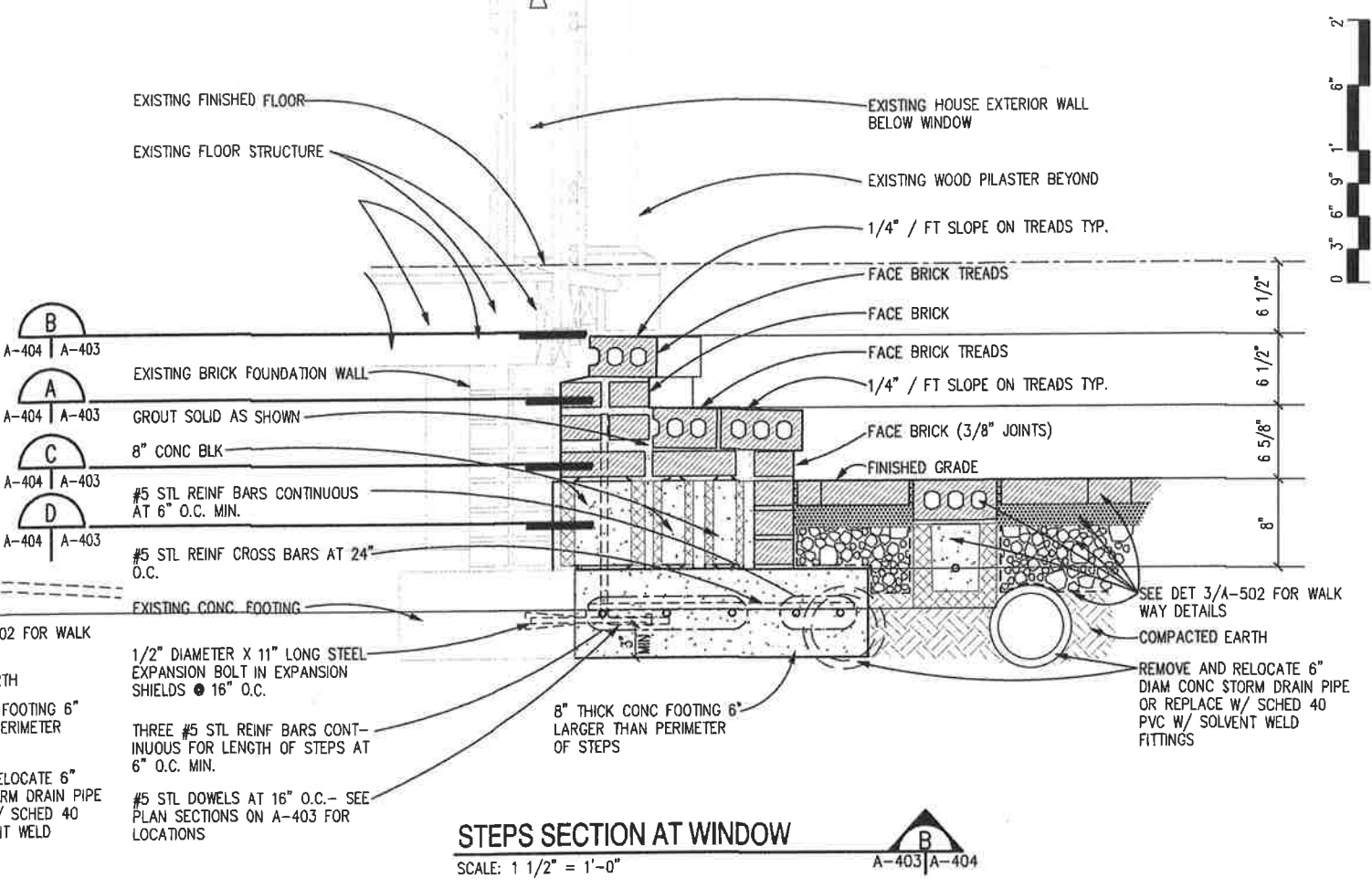
GRAPHIC SCALE  
 WHEN SHEET IS 22" X 34"  
 GRAPHIC SCALE  
 WHEN SHEET IS 11" X 17"



**STEPS SECTION AT DOOR**

SCALE: 1 1/2" = 1'-0"

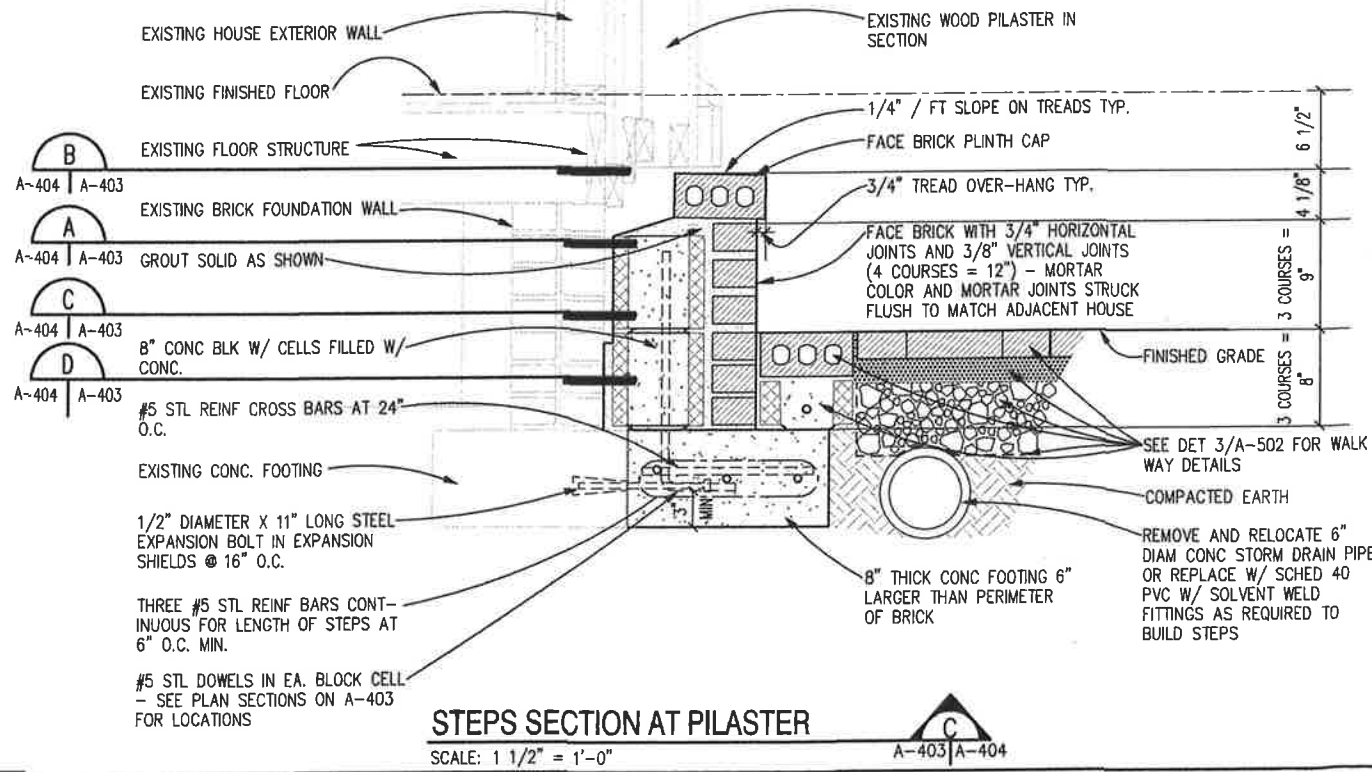
A-403 | A-404



**STEPS SECTION AT WINDOW**

SCALE: 1 1/2" = 1'-0"

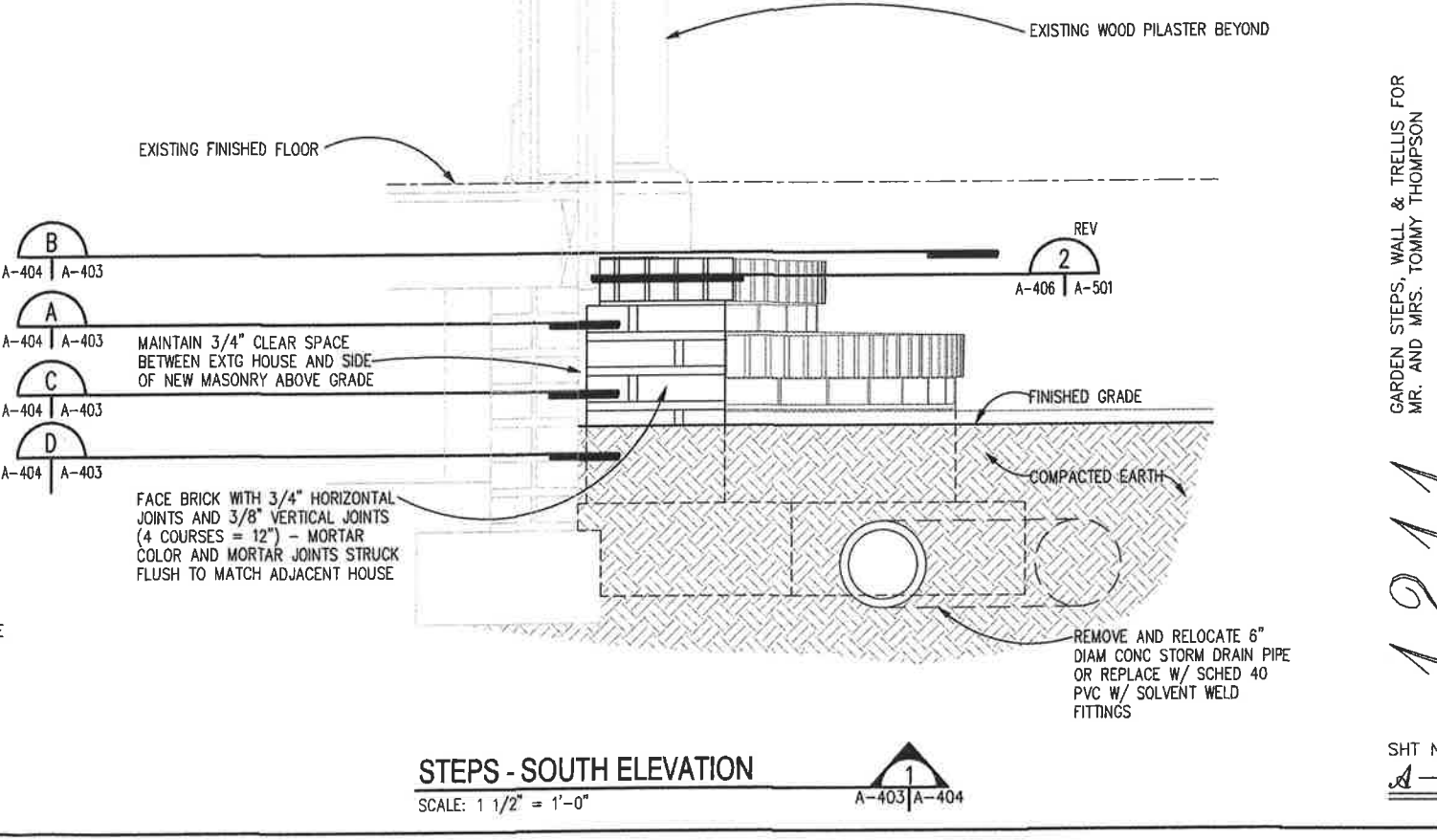
A-403 | A-404



**STEPS SECTION AT PILASTER**

SCALE: 1 1/2" = 1'-0"

A-403 | A-404



**STEPS - SOUTH ELEVATION**

SCALE: 1 1/2" = 1'-0"

A-403 | A-404

GARDEN STEPS, WALL & TRELLIS FOR  
 MR. AND MRS. TOMMY THOMPSON  
 STEPS SECTIONS & ELEVATION  
 22 MAY 2017

1211  
 Westmoreland Avenue  
 Montgomery, Alabama

SHT NUMBER  
 A-404







