



December 13, 2019

**Addendum No. 02
TO THE CONTRACT DOCUMENTS FOR:**

MANSFIELD FIRE STATION NO. 4

Mansfield, Texas

KAI Project No. 2016.166

This addendum forms a part of the Contract Documents and modifies the drawings and project manual dated November 7, 2019 as noted herein. Respondent shall acknowledge receipt of this addendum.

CIVICAST COMMENTS AND RESPONSE

1. See <https://www.civicastusa.com/project/5dcdb34a54b2ed173084c5d4/summary> For shared RFI information.

REFER TO THE PROJECT MANUAL FOR THE FOLLOWING ITEMS:

1. There is no polished concrete on this project.

REFER TO THE CONTRACT DRAWINGS FOR THE FOLLOWING ITEMS:

1. Sheet C5.0 – Revised sewer line.
2. Sheet C6.0 – Revised Gas and Fire line alignment.
3. Sheet A0.01 – See revised sheet to show drive revision to Holland Lane
4. Sheet A0.02 – See revised sheet for added dimension to 1/A0.02.
5. Sheet A1.01 – Added note 30.
6. Sheet A1.02 – Plan 2 – Clarified canopy dimensions and drainage. Added Note 7.
7. Sheet A4.06 – Detail 7 – Clarified Canopy fascia curb for canopy drainage.
8. Sheet A5.02 – Plan 2 – Revised size of Kitchen Island.
9. Sheet A5.03 - Omit B6 type accessory from project.
10. Sheet A5.06 – Elevation 12 and 17 – Revised width per island change.
11. Sheet S2.10 – Plan 1 – Revised grade beam in Bay. SLAB SCHEDULE – Revised bar sizes.
12. Sheet M0.02 – MULTI-ZONE DX SPLIT SCHEDULE revised.



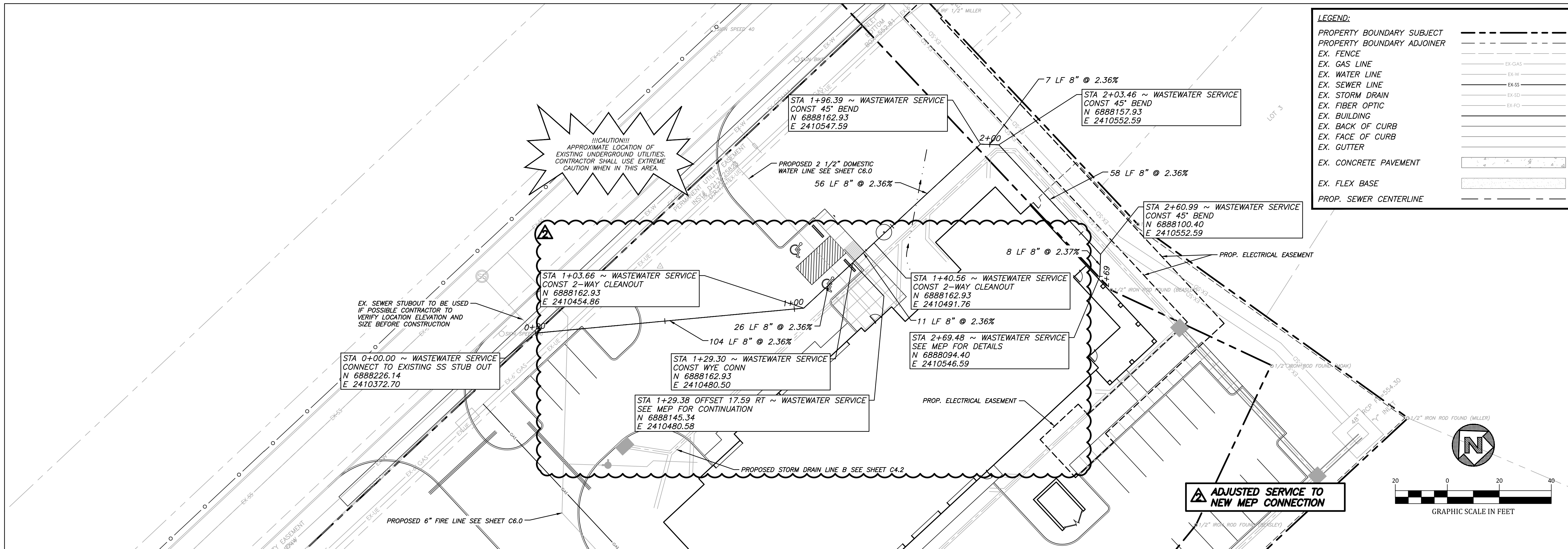
KOMATSU
ARCHITECTURE



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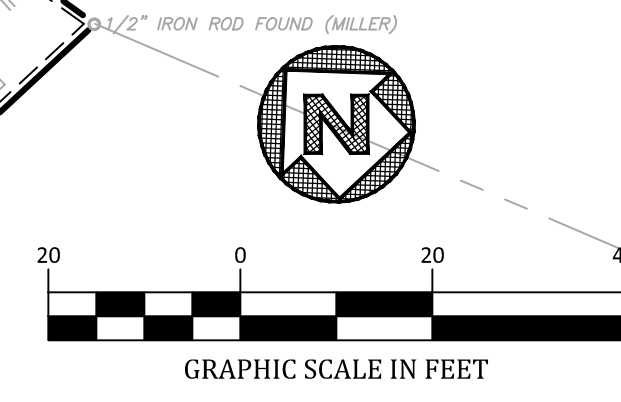
END OF ADDENDUM 02

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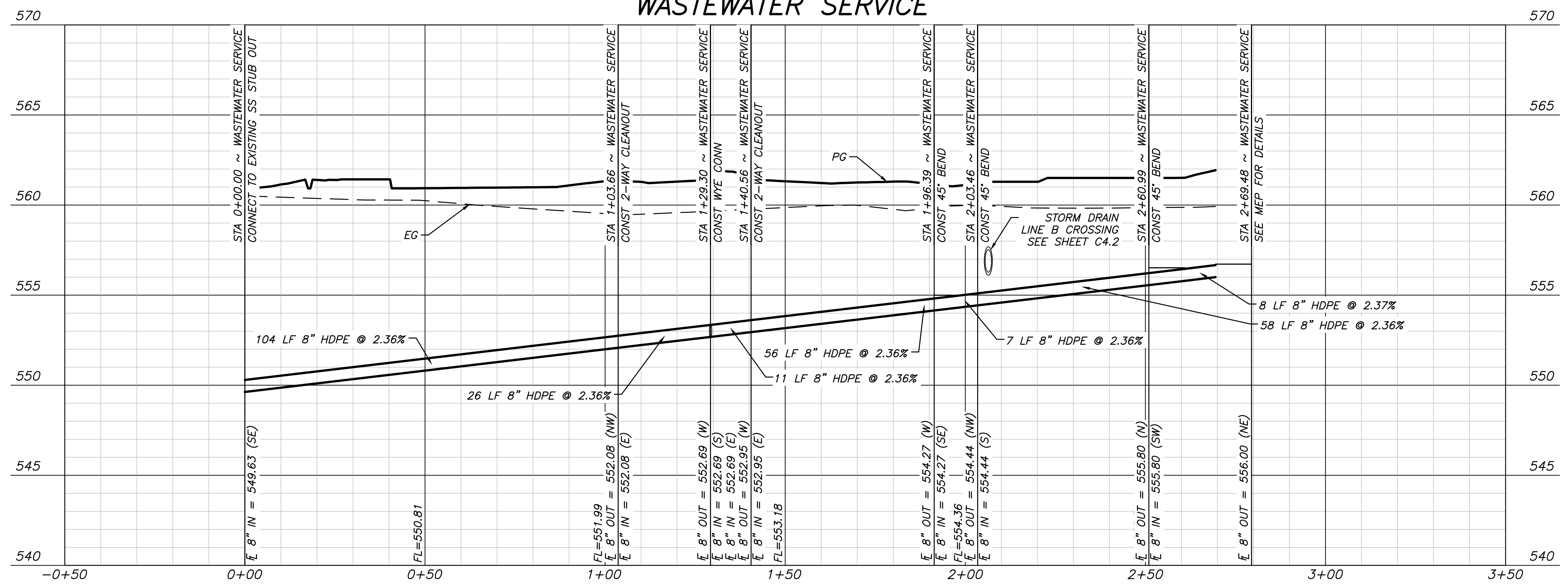


LEGEND:

| | |
|----------------------------|-----|
| PROPERTY BOUNDARY SUBJECT | --- |
| PROPERTY BOUNDARY ADJOINER | --- |
| EX. FENCE | --- |
| EX. GAS LINE | --- |
| EX. WATER LINE | --- |
| EX. SEWER LINE | --- |
| EX. STORM DRAIN | --- |
| EX. FIBER OPTIC | --- |
| EX. BUILDING | --- |
| EX. BACK OF CURB | --- |
| EX. FACE OF CURB | --- |
| EX. GUTTER | --- |
| EX. CONCRETE PAVEMENT | --- |
| EX. FLEX BASE | --- |
| PROP. SEWER CENTERLINE | --- |



WASTEWATER SERVICE



| | | | |
|----------|------------|-----|------|
| 12/13/19 | ADDENDUM 2 | No. | Date |
| 12/10/19 | ADDENDUM 1 | 1 | |
| 2 | | | |

2201 Dottie Lynn Parkway, Suite 119
Fort Worth, Texas 76120
TPE Firm Reg. No. 8917
TBS Firm Reg. No. 10101420

James DeOtte Engineering, Inc.

FINAL DESIGN

James E. DeOtte
65840
REGISTERED PROFESSIONAL ENGINEER
STATE OF TEXAS

Date: 12/13/2019

MANSFIELD FIRE STATION NO. 5
4444 National Parkway
Mansfield, Texas 76063

WASTEWATER PLAN

SHEET SIZE: 22 x 34
JOB NO: 2016.166
DATE: 12/13/2019
SHEET: **C5.0**

ATMOS SERVICE LINE INSTALLATION:

-You have to call in and talk to our customer service center with questions regarding serving your home or business with natural gas service. (Builders Services 866-332-8667)

-If there is gas main available, Atmos Energy will provide up to a 100 feet of underground service line from the property line at no charge. (Some installations may require being set at property line)

- At this time you will hire a licensed plumber to install any gas lines inside or outside the house and bring the piping to meter location we have agreed to and approved by appropriate Atmos personnel (FCC, PS, etc.) in accordance with Atmos engineering standards.

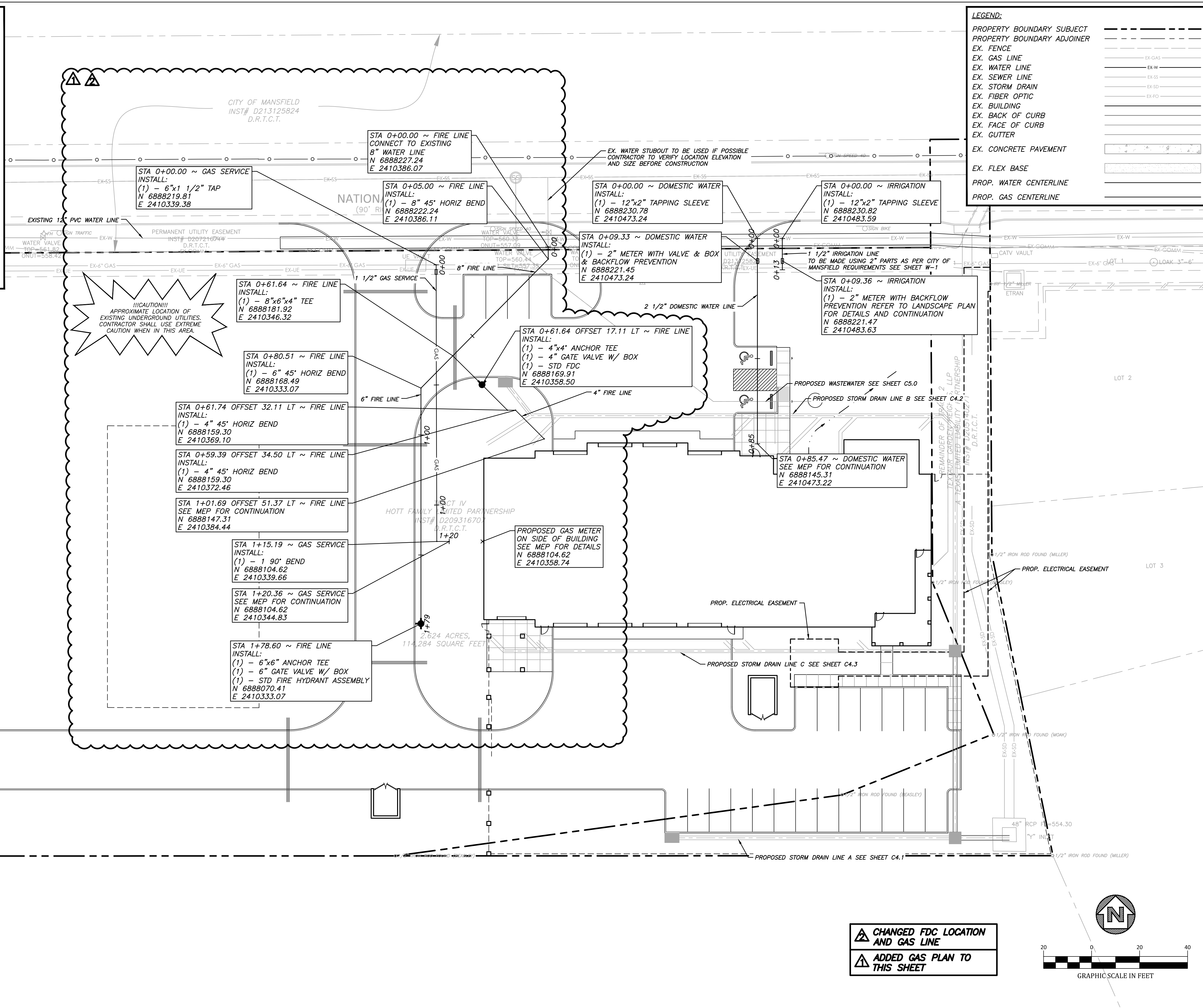
-Atmos Energy will send an order to our service line contractor we have working in this area to run a new underground service. This takes approximately 28 Calendar Days.

-Once your piping has been installed, pressure tested, approved with a city inspection, you have the Green Tag from the City Inspector, and Atmos Energy has installed our underground service line, you will then call the customer service number to set up an account and request a meter set. (Customer Service 888-286-6700)

- You will have a service connection fee, and depending on credit rating, possibly a deposit.

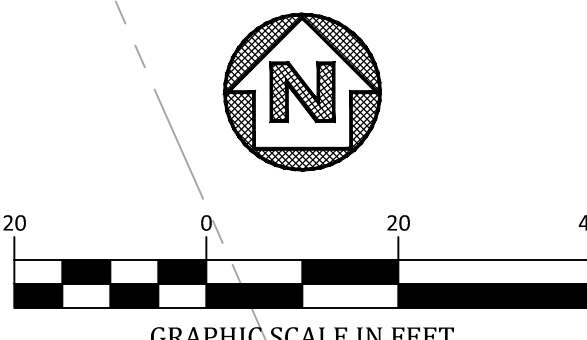
LEGEND:

| | |
|----------------------------|-----|
| PROPERTY BOUNDARY SUBJECT | --- |
| PROPERTY BOUNDARY ADJOINER | --- |
| EX. FENCE | --- |
| EX. GAS LINE | --- |
| EX. WATER LINE | --- |
| EX. SEWER LINE | --- |
| EX. STORM DRAIN | --- |
| EX. FIBER OPTIC | --- |
| EX. BUILDING | --- |
| EX. BACK OF CURB | --- |
| EX. FACE OF CURB | --- |
| EX. GUTTER | --- |
| EX. CONCRETE PAVEMENT | --- |
| EX. FLEX BASE | --- |
| PROP. WATER CENTERLINE | --- |
| PROP. GAS CENTERLINE | --- |



CAUTION!!!
APPROXIMATE LOCATION OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL USE EXTREME CAUTION WHEN IN THIS AREA.

CHANGED FDC LOCATION AND GAS LINE
ADDED GAS PLAN TO THIS SHEET



| | | | | | |
|------------------------------|--|---|--|------------------|--|
| MANSFIELD FIRE STATION NO. 5 | | 4444 National Parkway Mansfield, Texas 76063 | | WATER & GAS PLAN | |
| SHEET SIZE: 22 x 34 | | JOB NO: 2016.166 | | DATE: 12/13/2019 | |
| SHEET: | | C6.0 | | Date: 12/13/2019 | |

James DeOtte Engineering, Inc. 2201 Dottie Lynn Parkway, Suite 119 Fort Worth, Texas 76120 TAFE Firm Reg. No. 8917 BLS Firm Reg. No. 10101420

FINAL DESIGN

| No. | Description | Date |
|-----|-------------|----------|
| 2 | ADDENDUM 2 | 12/13/19 |
| 1 | ADDENDUM 1 | 12/10/19 |

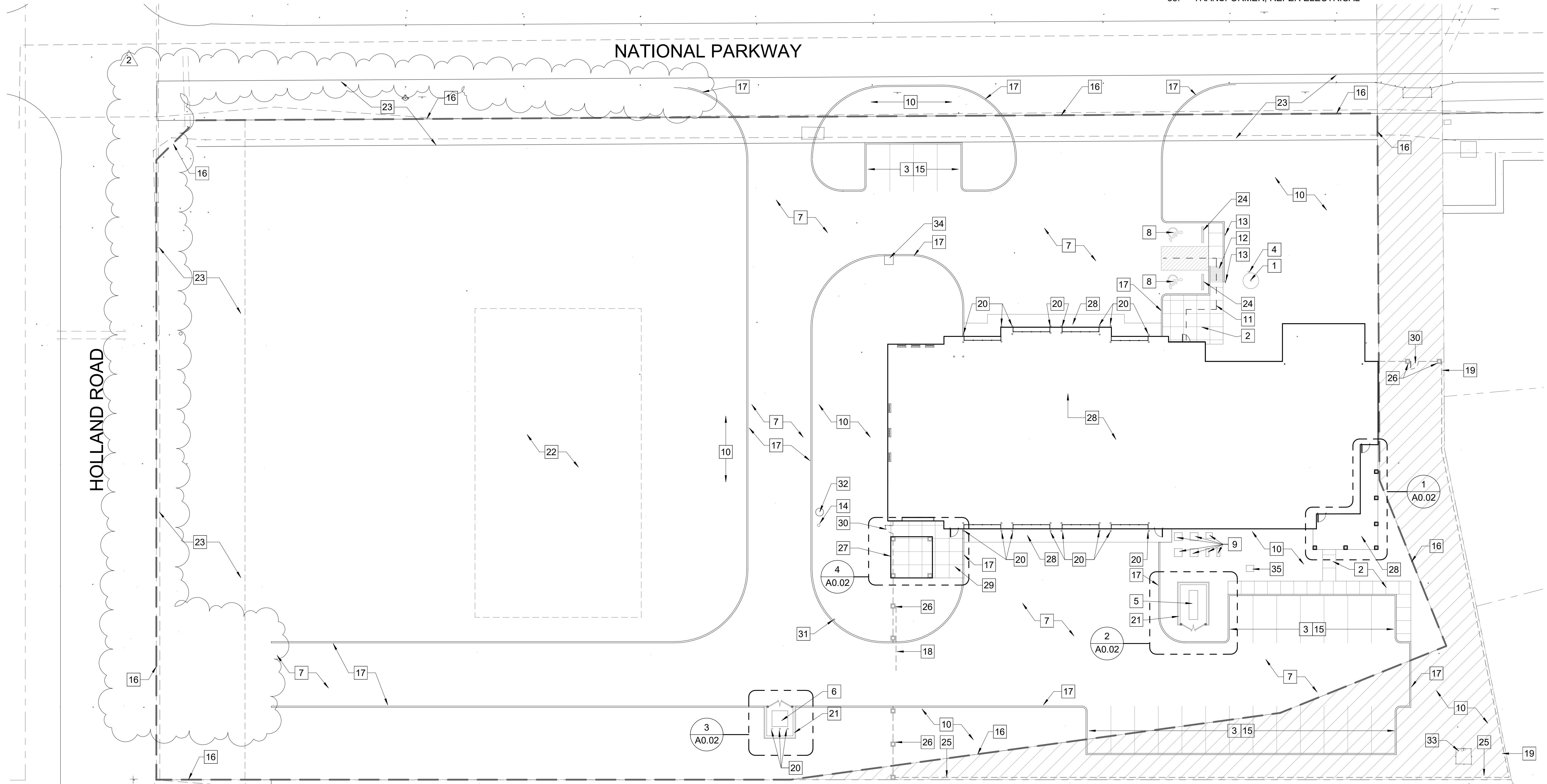
GENERAL NOTES

- A. REFER TO SHEET G0.01 FOR SYMBOLS LEGEND
- B. ALL NOTES BY SYMBOL ARE SHEET SPECIFIC
- C. ACCESSIBLE ROUTES (SHOWN AS - - - -) SHALL BE NO GREATER THAN 5% SLOPE IN THE DIRECTION OF TRAVEL WITH 2% OR LESS CROSS SLOPE. PROTECT ALL UNDERGROUND UTILITIES, PIPING, HOSE BIBS, ELECTRICAL, ETC. UNLESS SCHEDULED FOR DEMOLITION/NEW WORK. REFER TO CIVIL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR REFERENCE LANDSCAPE DRAWINGS FOR NEW LANDSCAPE ITEMS TO MEET CITY OF MANSFIELD REQUIREMENTS.
- F. REFER TO LANDSCAPE PLANS FOR PIPE SLEEVES
- G. ALL SITE UTILITY LINES ARE PROPOSED TO BE LOCATED UNDERGROUND.

NOTES BY NUMBER

- 1. 35' FLAGPOLE LIGHTS, REFER 1/A0.03
- 2. CONCRETE WALK, REFER CIVIL
- 3. CONCRETE PARKING, REFER CIVIL
- 4. FLAGPOLE LIGHT, REFER ELECTRICAL
- 5. GENERATOR, REFER ELECTRICAL
- 6. DUMPSTER
- 7. CONCRETE DRIVE, REFER CIVIL
- 8. ACCESSIBLE PARKING SPACE, 2% MAX SLOP IN ALL DIRECTIONS
- 9. CONDENSING UNIT ON 4" THICK CONCRETE PADS, REFER MECHANICAL
- 10. LANDSCAPE AREA, REFER LANDSCAPE
- 11. ACCESSIBLE PATH, FREE OF BARRIERS, 5% MAX SLOPE WITH 2% MAX CROSS SLOPE, PER TEXAS ACCESSIBILITY STANDARDS
- 12. ACCESSIBLE CURB RAMP
- 13. VAN ACCESSIBLE PARKING SIGN, MINIMUM 2 FEET FROM BACK OF CURB, REFER CIVIL
- 14. FIRE HYDRANT, REFER CIVIL
- 15. 2" WIDE WHITE STRIPING
- 16. PROPERTY LINE
- 17. CONCRETE CURB AND GUTTER, REFER CIVIL
- 18. DECORATIVE METAL ROLLING GATE, REFER 1/A0.04 AND CIVIL
- 19. EXISTING FENCE
- 20. PREFINISHED BOLLARD, REF. DETAIL 2 & 3/A0.03
- 21. MASONRY SCREEN WALL, REFER STRUCTURAL
- 22. FUTURE RESERVE BAY
- 23. UTILITY EASEMENT, REFER CIVIL
- 24. WHEEL STOPS, REFER CIVIL
- 25. CEDAR FENCE WITH GALVANIZED STEEL POSTS ALONG PROPERTY LINE, REFER 7/A0.04
- 26. WROUGHT IRON FENCE WITH NATURAL STONE VENEER COLUMNS, REFER 5 & 6/A0.04
- 27. CANOPY ON PIERS, REFER STRUCTURAL
- 28. STRUCTURAL SLAB, FINISH FLOOR = 100'-0", REFER STRUCTURAL
- 29. FLOATING SLAB, REFER STRUCTURAL
- 30. 3'-0" WIDE WROUGHT IRON FENCE GATE, REFER 6/A0.05
- 31. KEYPAD, REFER 5/A0.05
- 32. FIRE DEPARTMENT CONNECTION
- 33. DRAINAGE BASIN, REFER CIVIL
- 34. MAILBOX, GC TO VERIFY LOCATION WITH OWNER/ARCHITECT, REFER 7-10/A0.05
- 35. TRANSFORMER, REFER ELECTRICAL

" X "

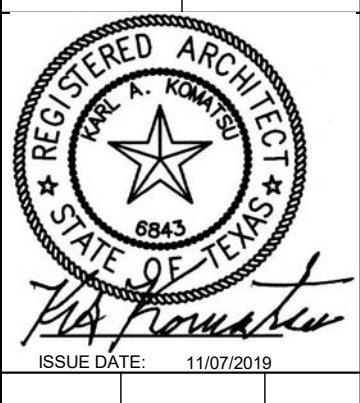


1 ARCHITECTURAL SITE PLAN
A0.01 1" = 20'-0"

GRAPHIC SCALE: 1" = 20'-0"

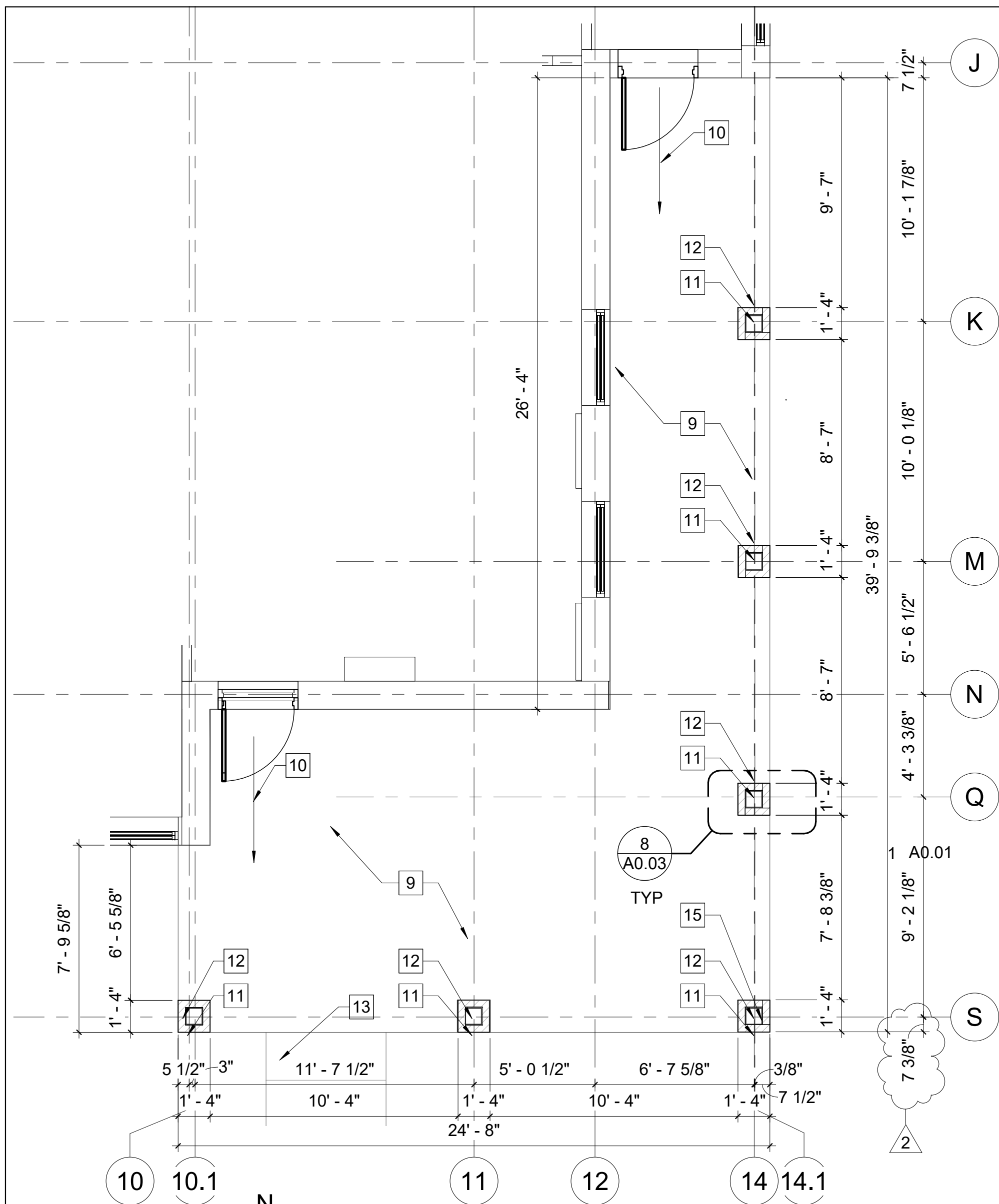
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| 2 | Addendum 2 | 12/13/19 |

KOMATSU
ARCHITECTURE
ISSUE FOR CONSTRUCTION

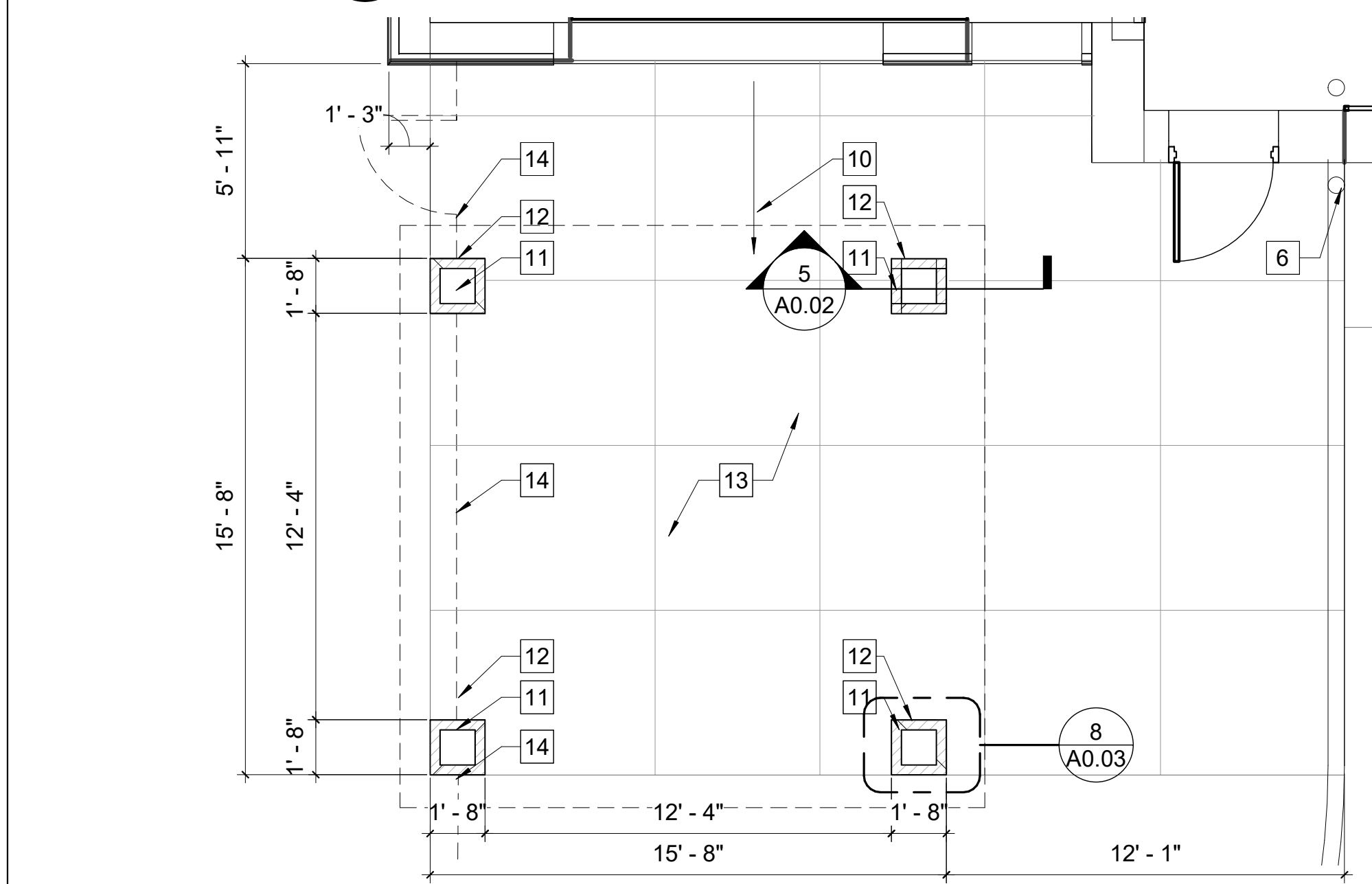


MANSFIELD FIRE STATION NO. 5
4444 National Parkway
Mansfield, Texas 76063
ARCHITECTURAL SITE PLAN

SHEET SIZE: 22 x 34
JOB NO: 2016.166
DATE: 11/07/2019
SHEET: **A0.01**



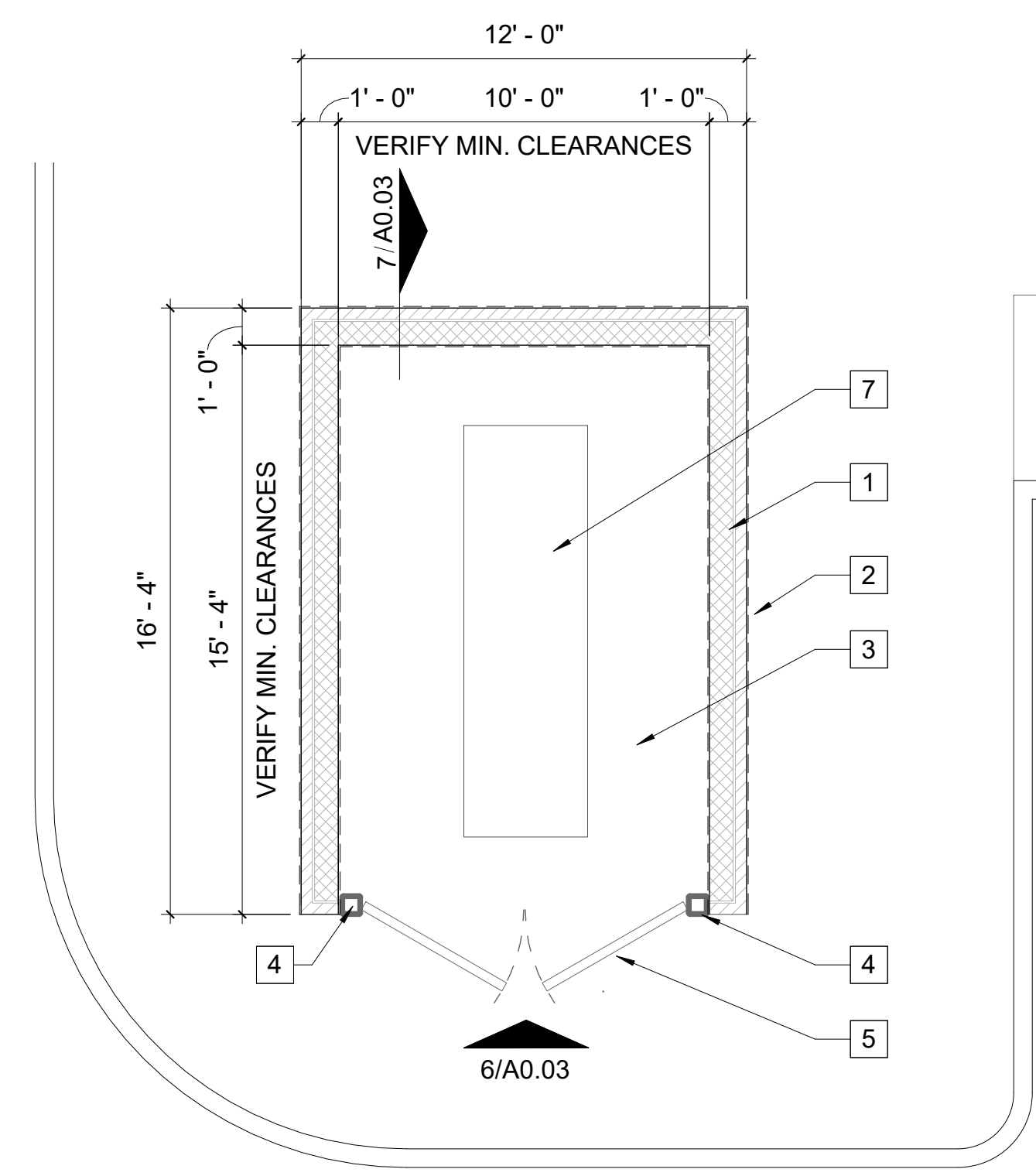
1 ENLARGED PATIO
A0.02 1/4" = 1'-0"



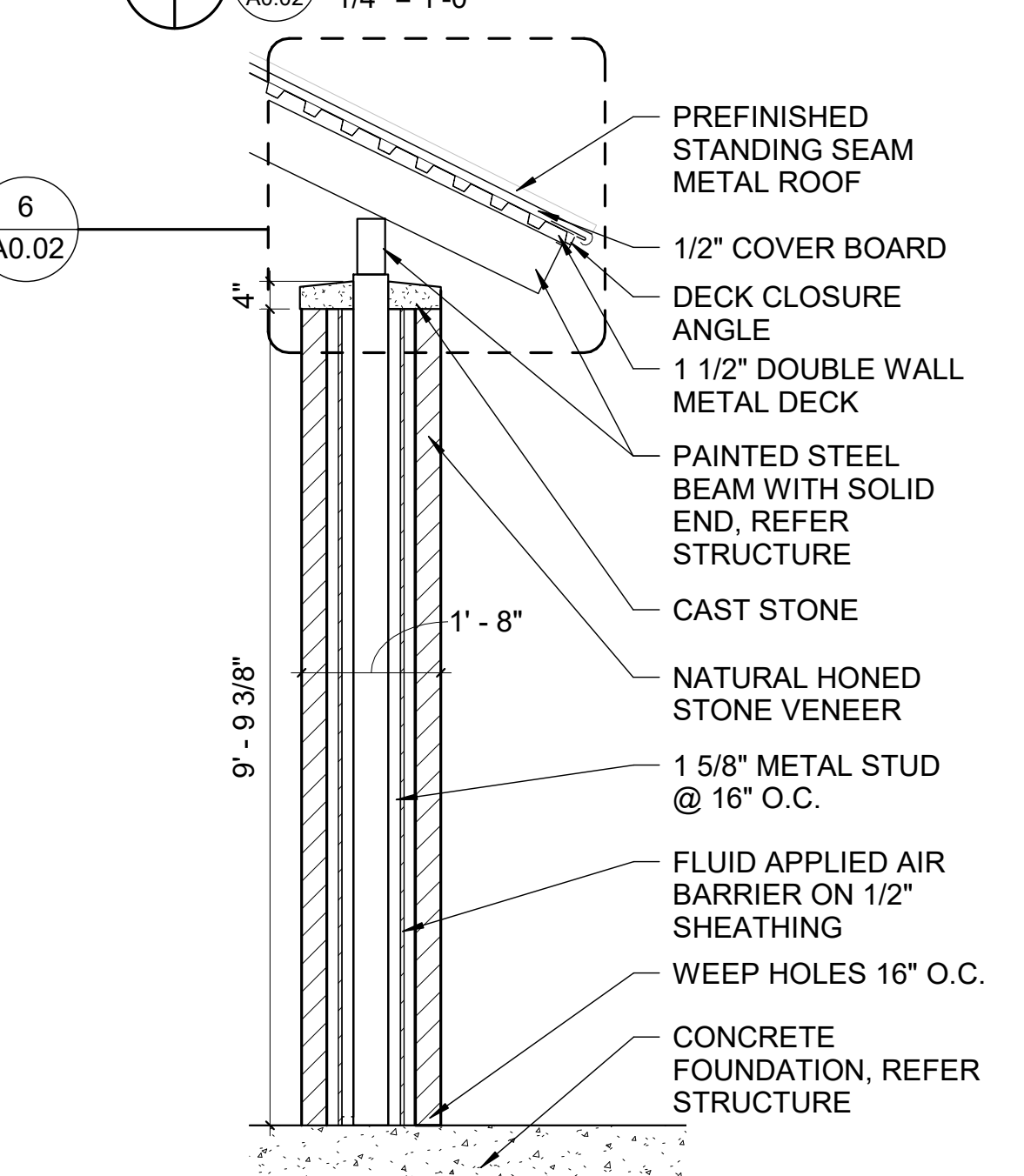
4 CANOPY FLOOR PLAN
A0.02 1/4" = 1'-0"

GENERAL NOTES

- A. REFER TO SHEET G0.01 FOR SYMBOLS LEGEND
- B. ALL NOTES BY SYMBOL ARE SHEET SPECIFIC
- C. ACCESSIBLE ROUTES (SHOWN AS - - -) SHALL BE NO GREATER THAN 5% SLOPE IN THE DIRECTION OF TRAVEL WITH 2% OR LESS CROSS SLOPE
- D. PROTECT ALL UNDERGROUND UTILITIES, PIPING, HOSE BIBS, ELECTRICAL, ETC. UNLESS SCHEDULED FOR DEMOLITION/NEW WORK. REFER TO CIVIL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS
- E. REFERENCE LANDSCAPE DRAWINGS FOR NEW LANDSCAPE ITEMS TO MEET CITY OF MANSFIELD REQUIREMENTS
- F. REFER TO LANDSCAPE PLANS FOR PIPE SLEEVES
- G. ALL SITE UTILITY LINES ARE PROPOSED TO BE LOCATED UNDERGROUND.



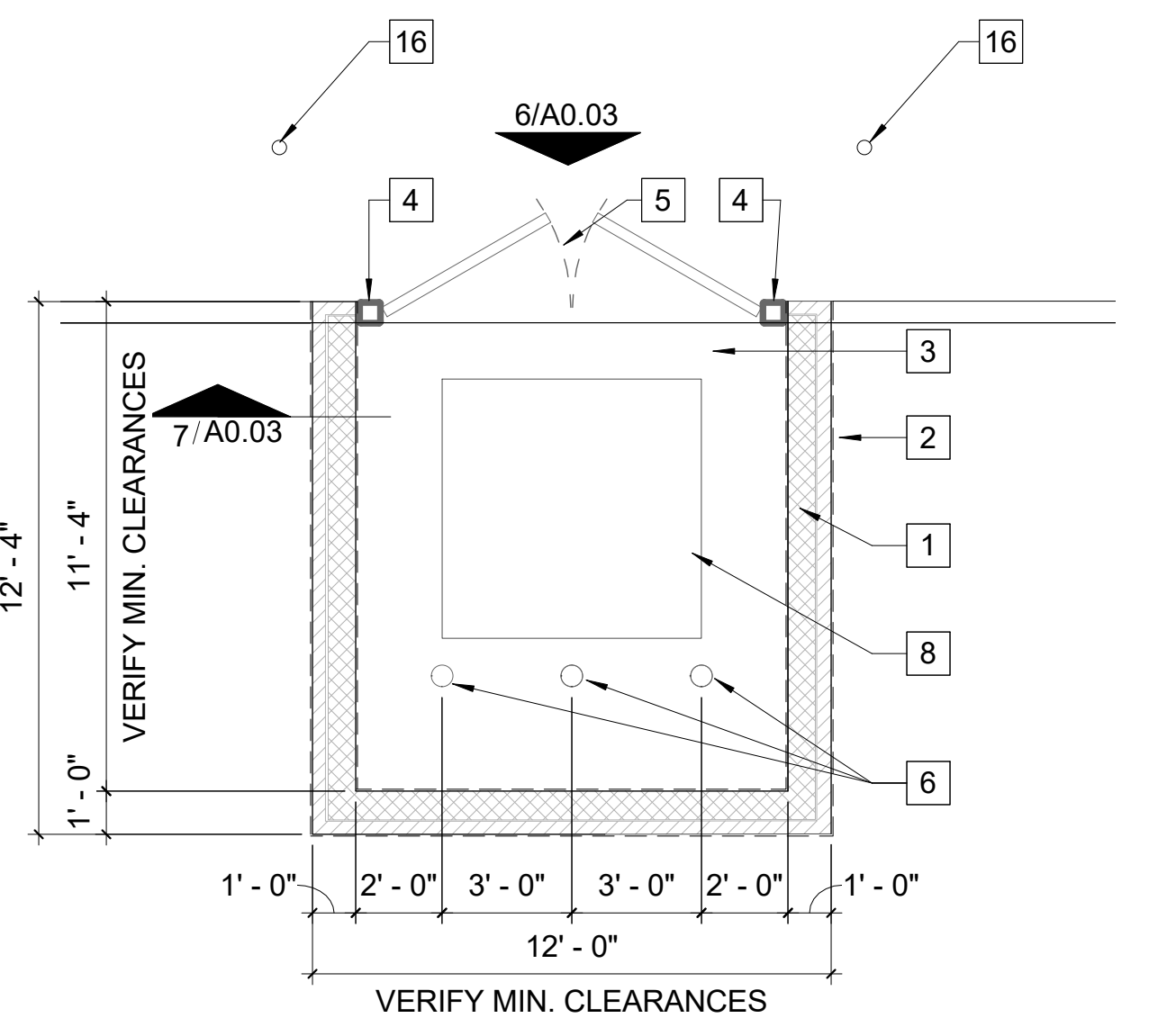
2 GENERATOR ENCLOSURE
A0.02 1/4" = 1'-0"



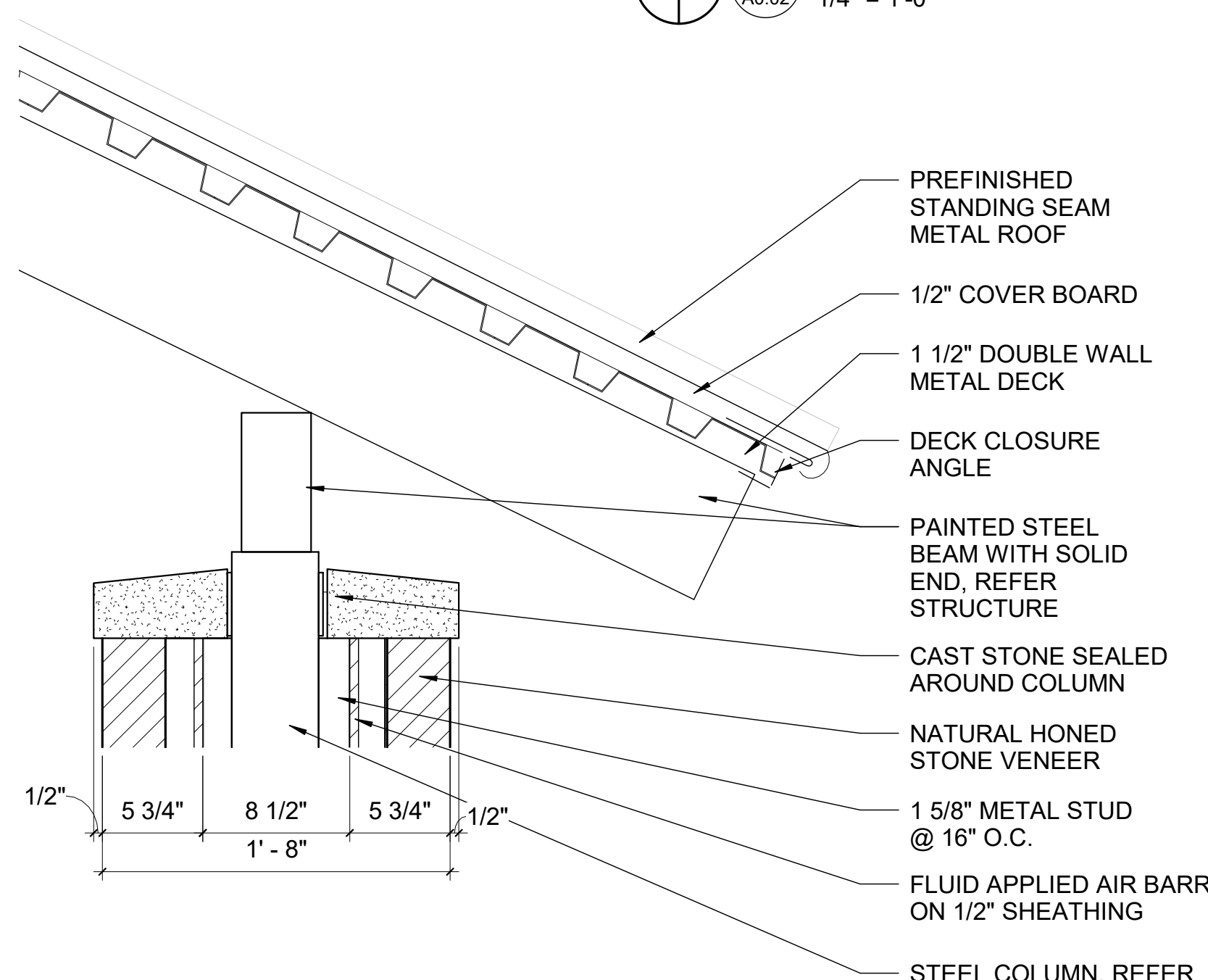
5 PATIO SECTION
A0.02 1/2" = 1'-0"

NOTES BY NUMBER

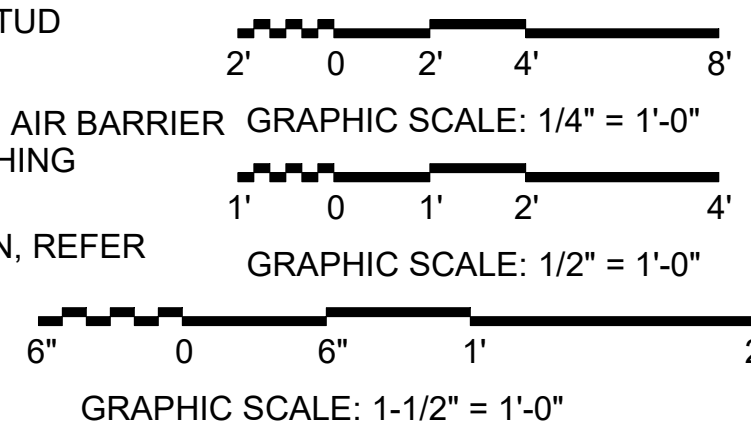
- 1. MASONRY SCREEN WALL, REFER STRUCTURAL
- 2. CAST STONE CAP ABOVE SCREEN WALL, REFER 4/A0.03
- 3. CONCRETE PAD, REFER CIVIL AND FOUNDATION REFER STRUCTURAL
- 4. 6"x6" X 3/4" GALVANIZED STEEL POST WITH CLOSED TOP, PAINTED
- 5. GALVANIZED METAL LOUVER GATE DOORS, REFER 6/A0.03
- 6. CONCRETE FILLED STEEL BOLLARD, REFER 3/A0.03
- 7. GENERATOR, REFER ELECTRICAL
- 8. DUMPSTER (NOT IN CONTRACT)
- 9. CONCRETE FOUNDATION, REFER STRUCTURE
- 10. SLOPE CONCRETE 1/4" PER FOOT FOR DRAINAGE
- 11. STEEL COLUMNS, REFER STRUCTURE
- 12. NATURAL STONE VENEER COLUMN WRAP (F-2)
- 13. FLOATING SLAB, REFER STRUCTURAL
- 14. IRON AND STONE VENEER FENCE WITH GATE, REFER 3/A0.04 & 6/A0.05
- 15. GAS CONNECTION FOR GRILL, REFER PLUMBING
- 16. DRILL HOLE FOR DROP ROD - SET FOR 110 DEGREE OPENING



3 DUMPSTER ENCLOSURE
A0.02 1/4" = 1'-0"



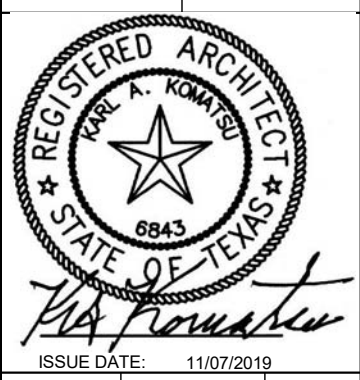
6 PATIO DETAIL
A0.02 1 1/2" = 1'-0"



| No. | Description | Date |
|-----|-------------|----------|
| 2 | Addendum 2 | 12/13/19 |

KOMATSU
ARCHITECTURE

ISSUE FOR CONSTRUCTION



MANSFIELD FIRE STATION NO. 5
4444 National Parkway
Mansfield, Texas 76063

ENLARGED SITE PLAN

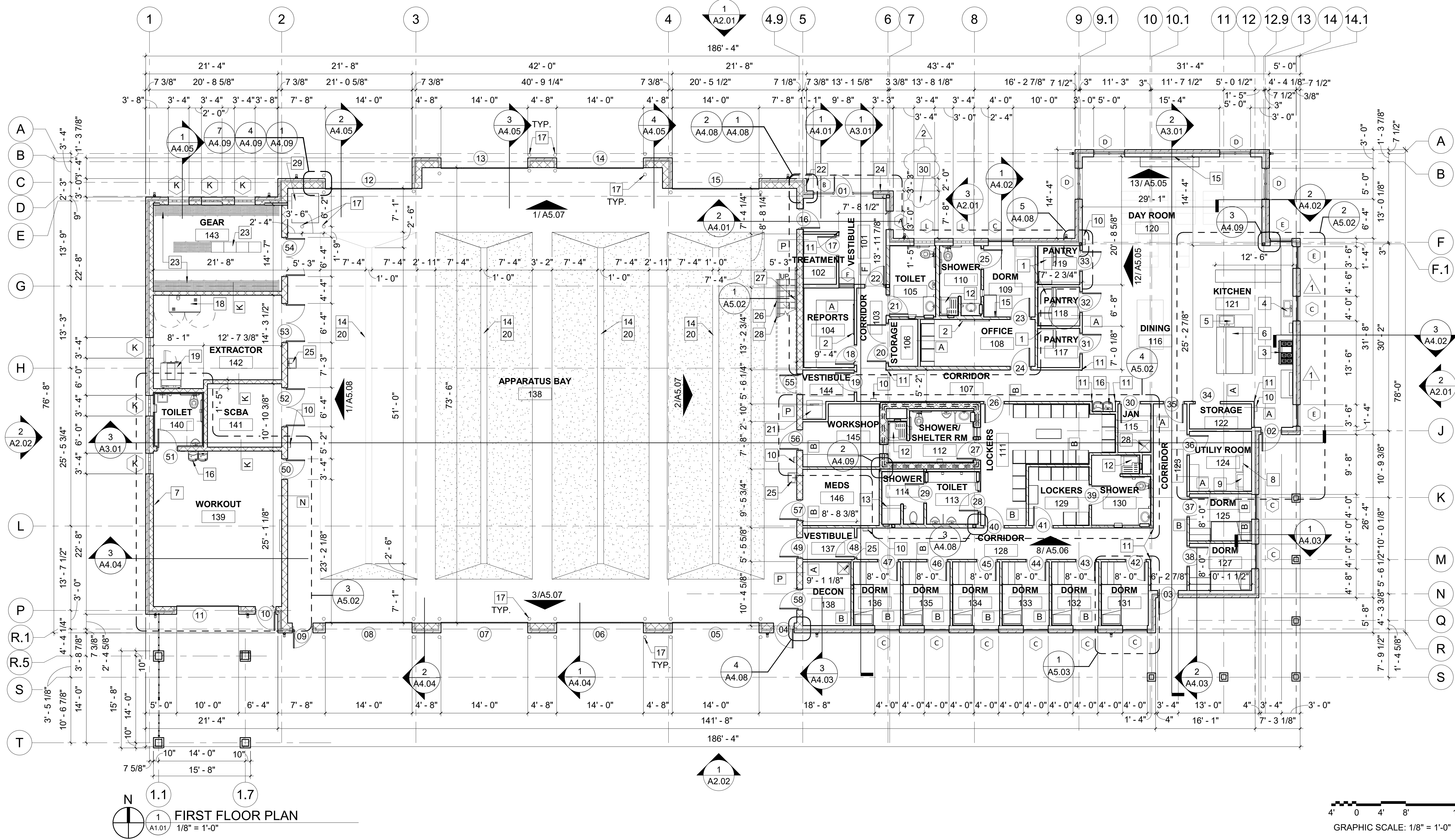
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| JOB NO.: | 2016.166 |
| DATE: | 11/07/2019 |
| SHEET: | A0.02 |

GENERAL NOTES

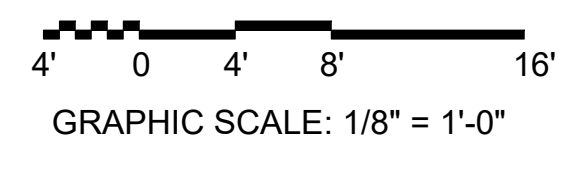
- A. REFER TO SHEET G0.01 FOR SYMBOLS LEGEND.
- B. REFER TO SHEET A5.01 FOR FINISH SCHEDULE.
- C. ALL NOTES BY SYMBOL ARE SHEET SPECIFIC.
- D. REFER TO SHEET A1.04 FOR PARTITION TYPES.
- E. ALL WOOD BLOCKING AND NAILERS SHALL BE FIRE RETARDANT TREATED.
- F. " " INDICATES STUD WALLS W/ SOUND ATTENUATION BATTS
- G. " = " INDICATES TWO HOUR RATED WALL

NOTES BY NUMBER

- 1. REFRIGERATOR/FREEZER WITH ICE MAKER.
- 2. DRY ERASE BOARD 'MB'
- 3. COOKTOP RANGE AND VENT HOOD WITH ANSUL, REFER MECHANICAL
- 4. STAINLESS STEEL DOUBLE UNDERMOUNT SINK WITH DISPOSAL.
- 5. STAINLESS STEEL SINGLE UNDERMOUNT SINK WITH DISPOSAL.
- 6. DISHWASHER
- 7. WALL MOUNT MIRRORS, ALONG ENTIRE WALL
- 8. CLOTHES DRYER.
- 9. CLOTHES WASHING MACHINE
- 10. FIRE EXTINGUISHER CABINET
- 11. CORNER GUARD
- 12. TAS SHOWER WITH TRENCH DRAIN, REF. 3/A5.03
- 13. NON TAS SHOWER WITH TRENCH DRAIN, REF. 4/A5.03
- 14. CONCRETE TRENCH, TRENCH FLOOR TO SLOPE 1/4" PER FOOT OR MORE FROM ENDS OF TRENCH TO DRAIN, REFER STRUCTURAL
- 15. PROVIDE BLOCKING FOR WALL MOUNTED MONITOR
- 16. ELECTRIC WATER COOLER WITH BOTTLE FILLERS, REFER PLUMBING
- 17. PREFINISHED STEEL BOLLARD COVER, REF. DETAIL 2/A0.03.
- 18. DRYING RACK (OWNER PROVIDED, CONTRACTOR INSTALLED)
- 19. EXTRACTOR (OWNER PROVIDED, CONTRACTOR INSTALLED)
- 20. TRENCH GRATE AND DRAIN, REFER PLUMBING
- 21. ICE MACHINE WITH STORAGE BIN
- 22. KNOX BOX (VERIFY LOCATION WITH FIRE CHIEF)
- 23. GEAR LOCKERS
- 24. BUILDING PLAQUE, REFER 2/A2.03
- 25. SERVICE SINK, REFER PLUMBING
- 26. 1 1/2" O.D. GALVANIZED STEEL HANDRAIL (36")/GUARDRAIL (42")
- 27. 1 1/2" O.D. GALVANIZED STEEL HANDRAIL (36")
- 28. 1 1/2" O.D. GALVANIZED STEEL PIPERAIL (12") FOR CANE DETECTION, ALIGN WITH STAIR STRINGER ABOVE.
- 29. FIRE RISER, REFER FIRE PROTECTION
- 30. PROVIDE LARGE SPLASH ROCKS FOR SCUPPER ABOVE




FIRST FLOOR PLAN
1/8" = 1'-0"



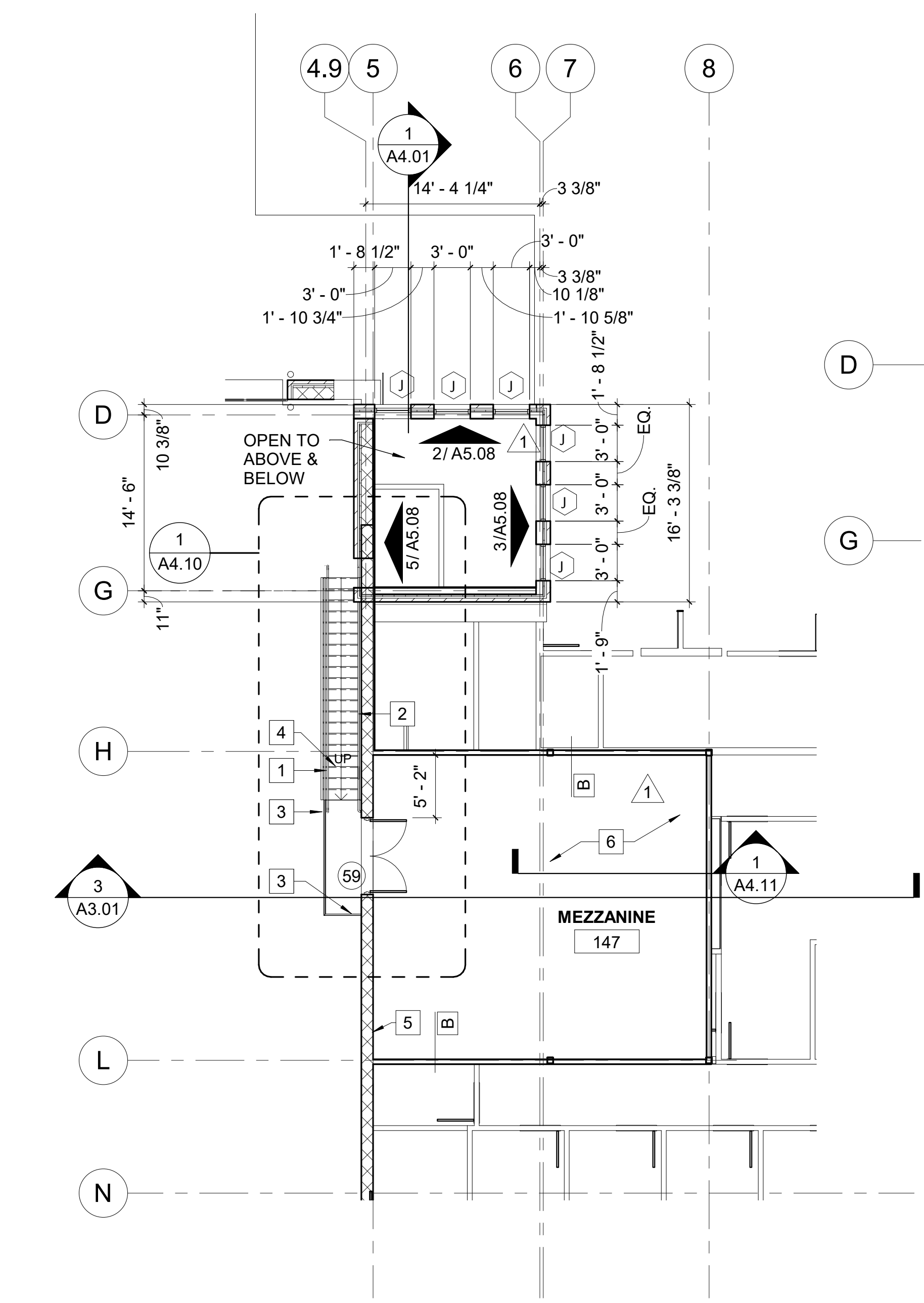
| <p>KOMATSU ARCHITECTURE</p> <p>REGISTERED ARCHITECT STATE OF TEXAS 110719</p> <p>ISSUE DATE: 11/07/2019</p> | <p>ISSUE FOR CONSTRUCTION</p> <p>FLOOR PLAN</p> | | | | | | | | | |
|--|---|----------|-------------|------|---|------------|----------|---|------------|----------|
| <p>MANSFIELD FIRE STATION NO. 5</p> <p>4444 National Parkway Mansfield, Texas 76063</p> | <p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Description</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Addendum 2</td> <td>12/13/19</td> </tr> <tr> <td>1</td> <td>Addendum 1</td> <td>12/10/19</td> </tr> </tbody> </table> | No. | Description | Date | 2 | Addendum 2 | 12/13/19 | 1 | Addendum 1 | 12/10/19 |
| No. | Description | Date | | | | | | | | |
| 2 | Addendum 2 | 12/13/19 | | | | | | | | |
| 1 | Addendum 1 | 12/10/19 | | | | | | | | |
| <p>SHEET SIZE: 22 x 34 JOB NO: 2016.166 DATE: 11/07/2019 SHEET: A1.01</p> | | | | | | | | | | |

GENERAL NOTES

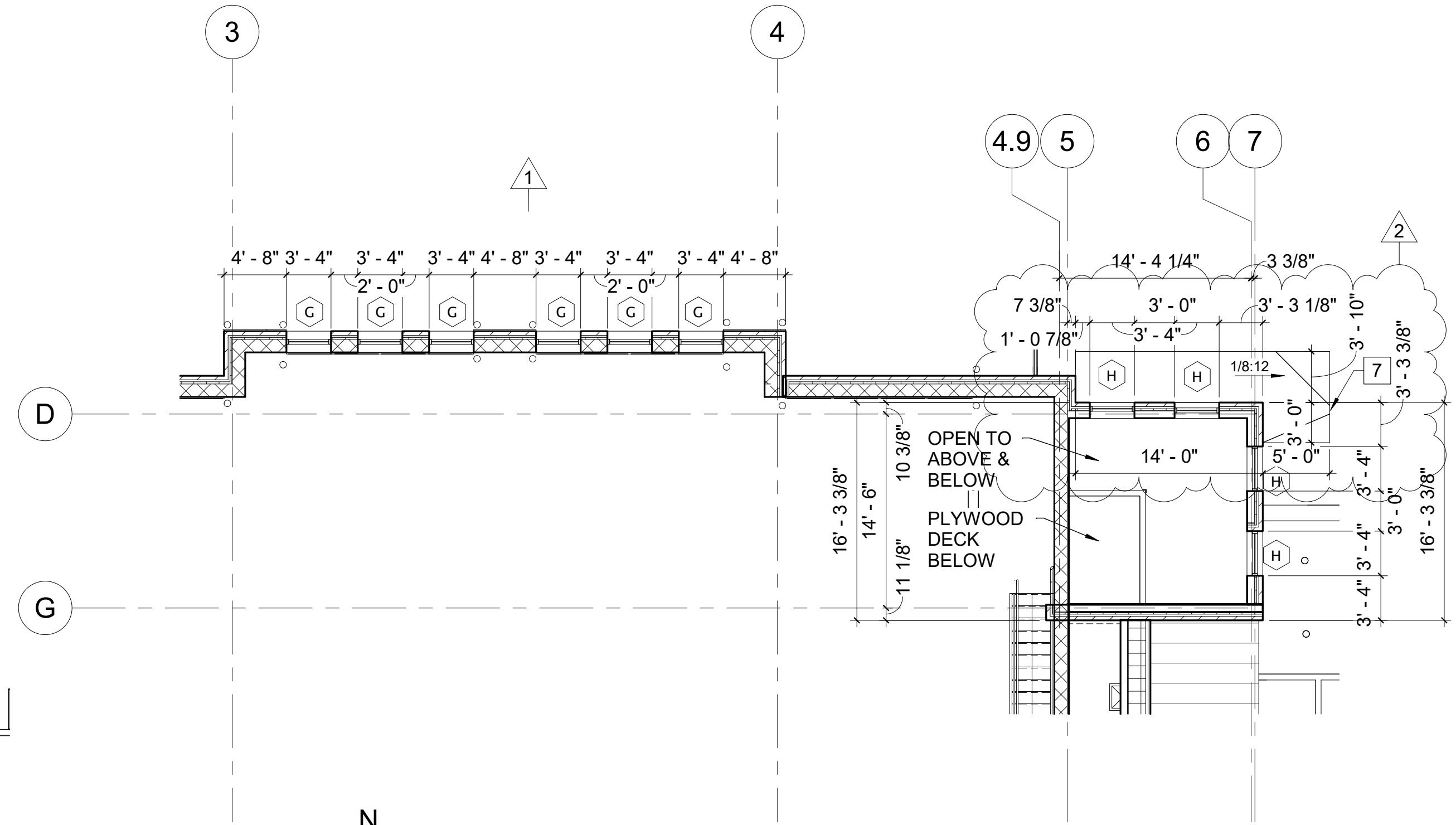
- A. REFER TO SHEET G0.01 FOR SYMBOLS LEGEND.
- B. REFER TO SHEET A5.01 FOR FINISH SCHEDULE.
- C. ALL NOTES BY SYMBOL ARE SHEET SPECIFIC.
- D. REFER TO SHEET A1.05 FOR PARTITION TYPES.
- E. ALL WOOD BLOCKING AND NAILERS SHALL BE FIRE RETARDANT TREATED.
- F. "  " INDICATES STUD WALLS W/ SOUND ATTENUATION BATTS
- G. " = = = " INDICATES TWO HOUR RATED WALL

NOTES BY NUMBER

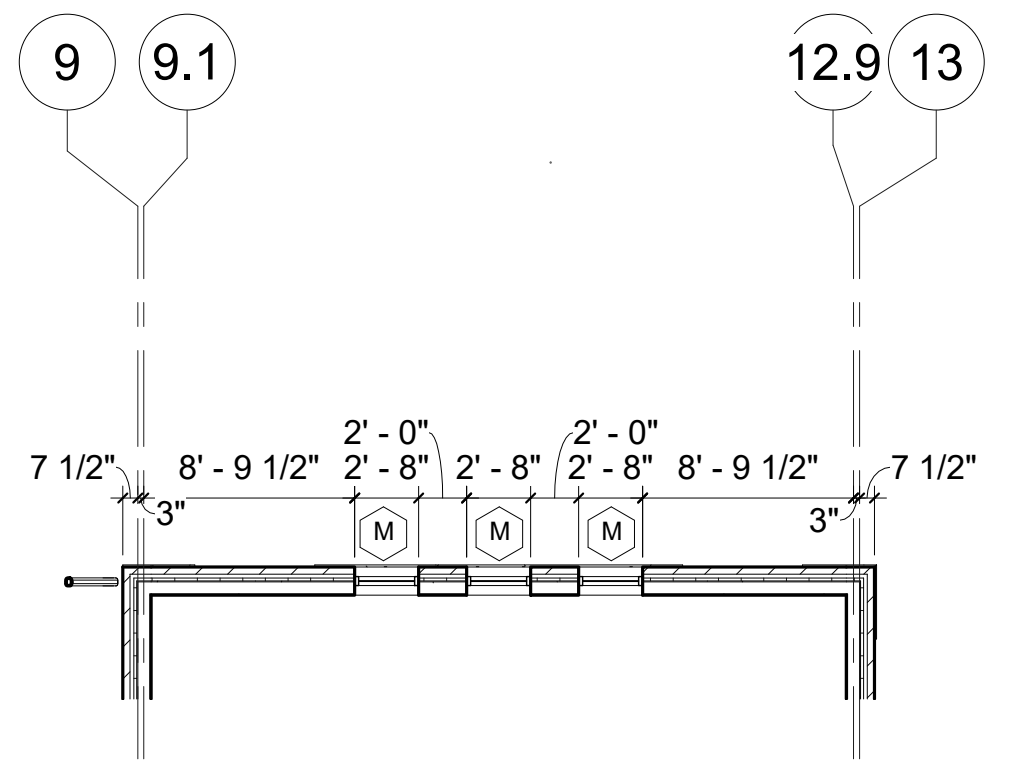
- 1. 1 1/2" O.D. GALVANIZED STEEL PIPE HANDRAIL (36")/GUARDRAIL (42") WITH SUPPORTS EVERY 5'-0" MAX. WHERE HANDRAILS ARE SUPPORTED BY GUARDRAILS, ALL HANDRAIL TERMINATIONS WILL BE TO A VERTICAL GUARDRAIL POST. 1/2" DIAMETER STEEL ROD BALUSTERS SPACED 4" O.C. MAX, REFER DETAILS 3,4,5,6/A4.10
- 2. 1 1/2" O.D. GALVANIZED STEEL PIPE HANDRAIL (36"), WITH SUPPORTS EVERY 5'-0" O.C., ATTACH TO WALL, REFER DETAILS 3,4,5,6/A4.10
- 3. 1 1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL, WITH SUPPORTS EVERY 5'-0" MAX. 1/2" DIAMETER STEEL ROD BALUSTERS SPACED 4" O.C. MAX
- 4. CONCRETE FILLED METAL PAN STAIRS, REFER 4,5,6/A4.10
- 5. FIRE EXTINGUISHER
- 6. FUNCTION OF MEZZANINE 147 IS TO BE AN EQUIPMENT MEZZANINE FOR MECHANICAL, ELECTRICAL, PLUMBING AND TECHNOLOGY EQUIPMENT.
- 7. PROVIDE SCUPP FOR CANOPY DRAINAGE



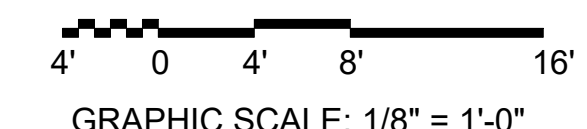
MEZZANINE FLOOR PLAN
1
A1.02
1/8" = 1'-0"



INTERMEDIATE TOWER LEVEL
2
A1.02
1/8" = 1'-0"



DAY ROOM INTERMEDIATE LEVEL
3
A1.02
1/8" = 1'-0"



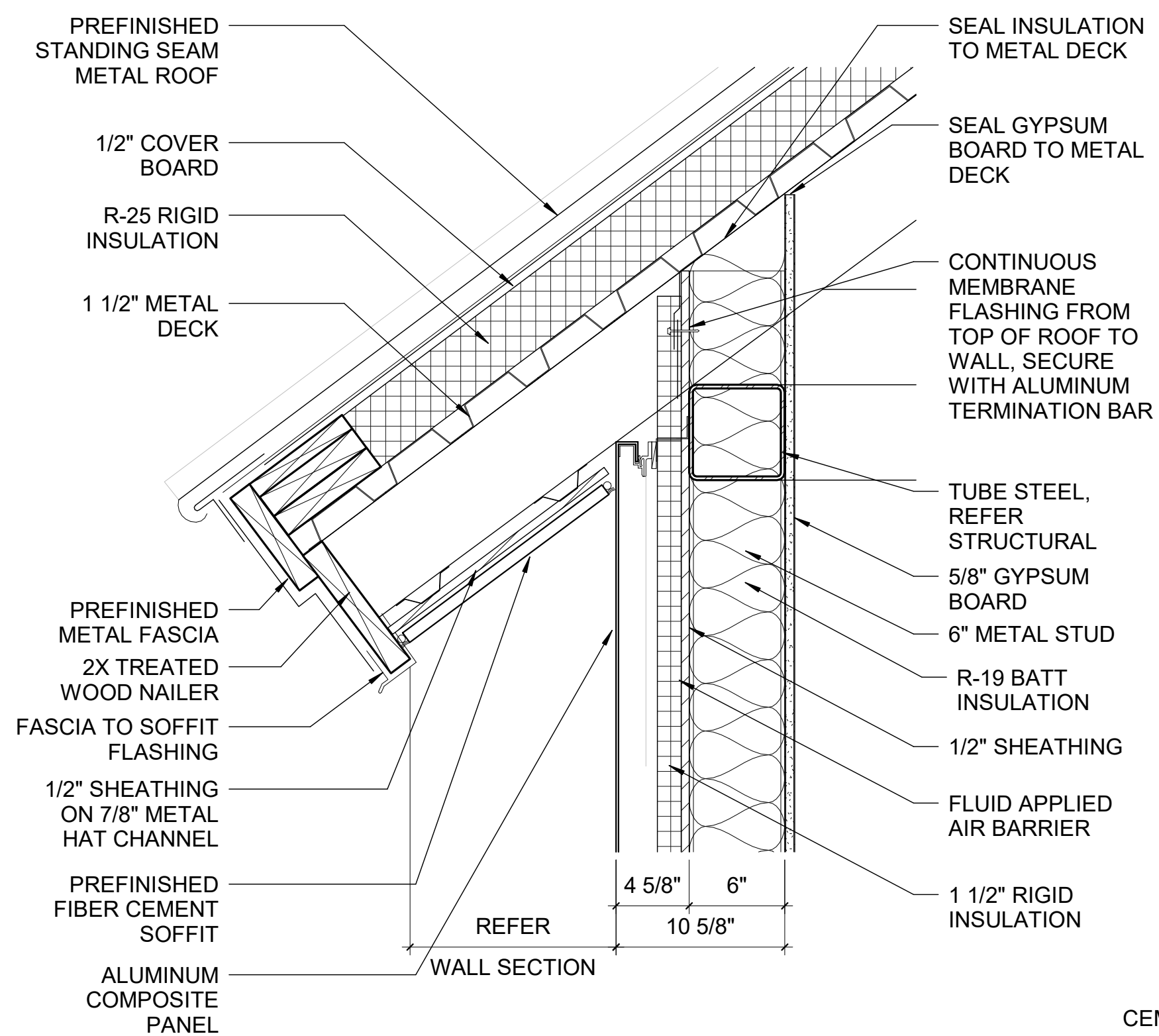
| Date | Description | Revisions |
|----------|-------------|-----------|
| 12/13/19 | Addendum 2 | |
| 12/10/19 | Addendum 1 | |
| | No. | |

KOMATSU
ARCHITECTURE
ISSUE FOR CONSTRUCTION

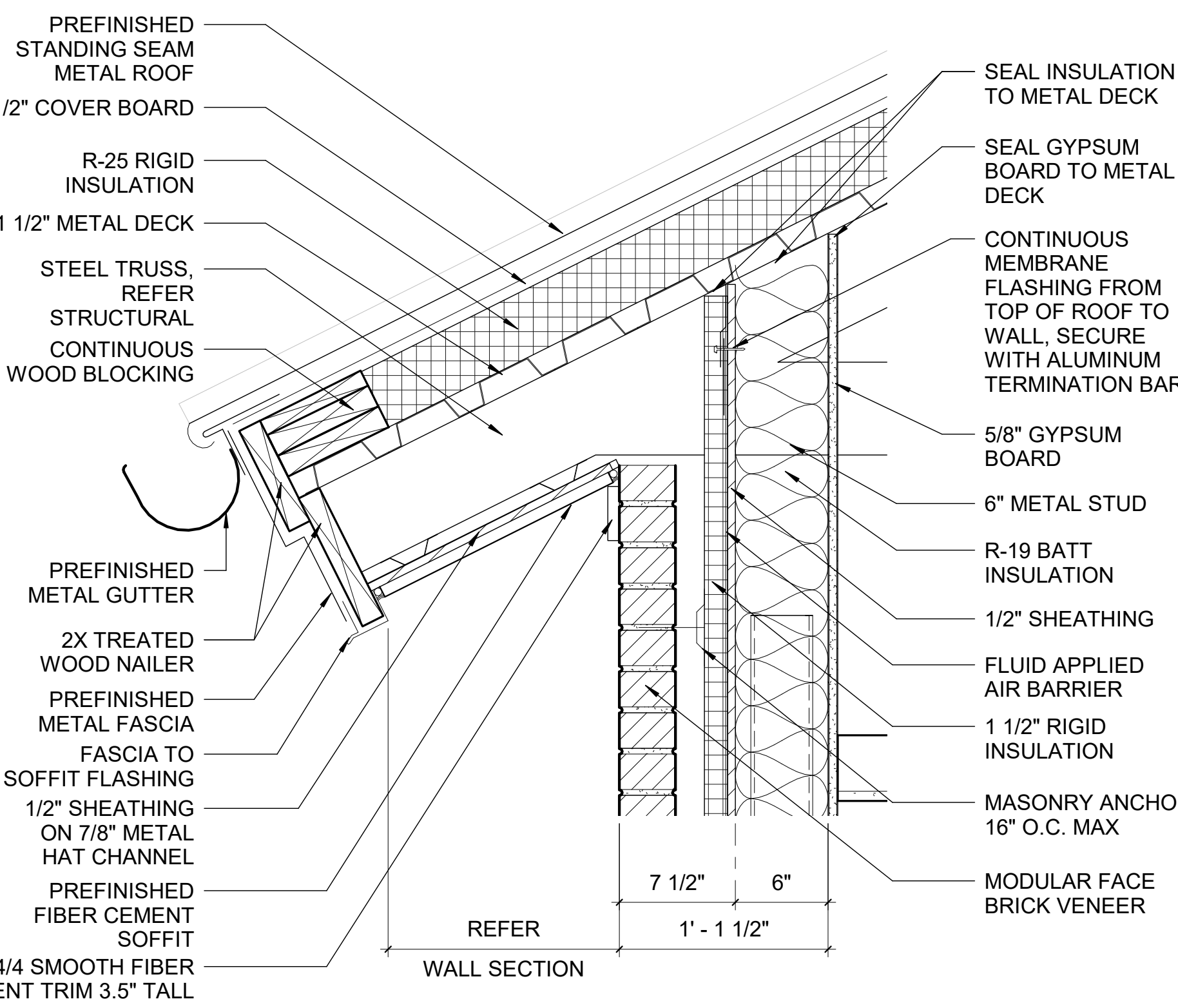


MANSFIELD FIRE STATION NO. 5
4444 National Parkway
Mansfield, Texas 76063
FLOOR PLAN - MEZZANINE LEVEL

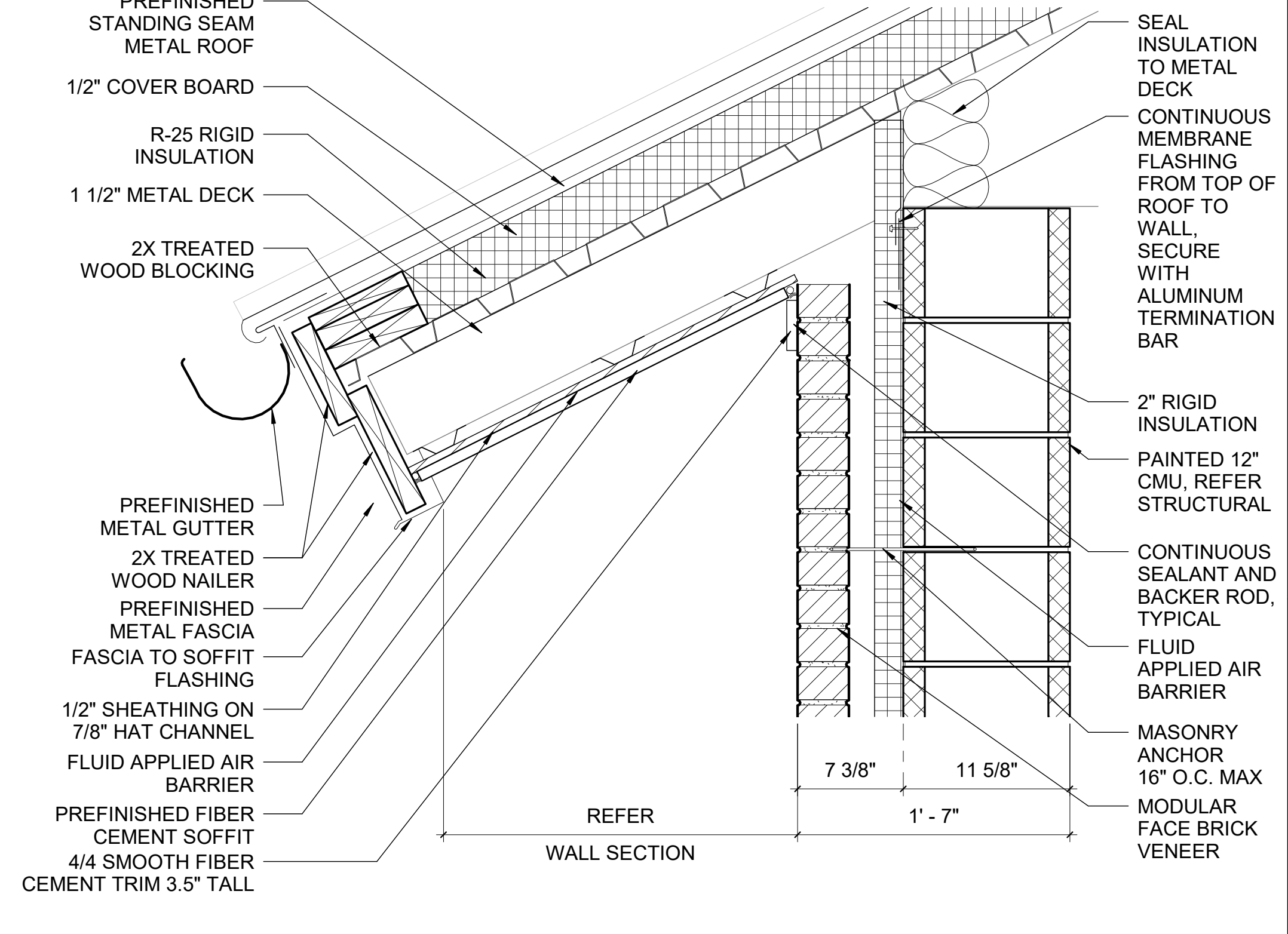
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| SHEET SIZE: | 22 x 34 |
| JOB NO: | 2016.166 |
| DATE: | 11/07/2019 |
| SHEET: | A1.02 |



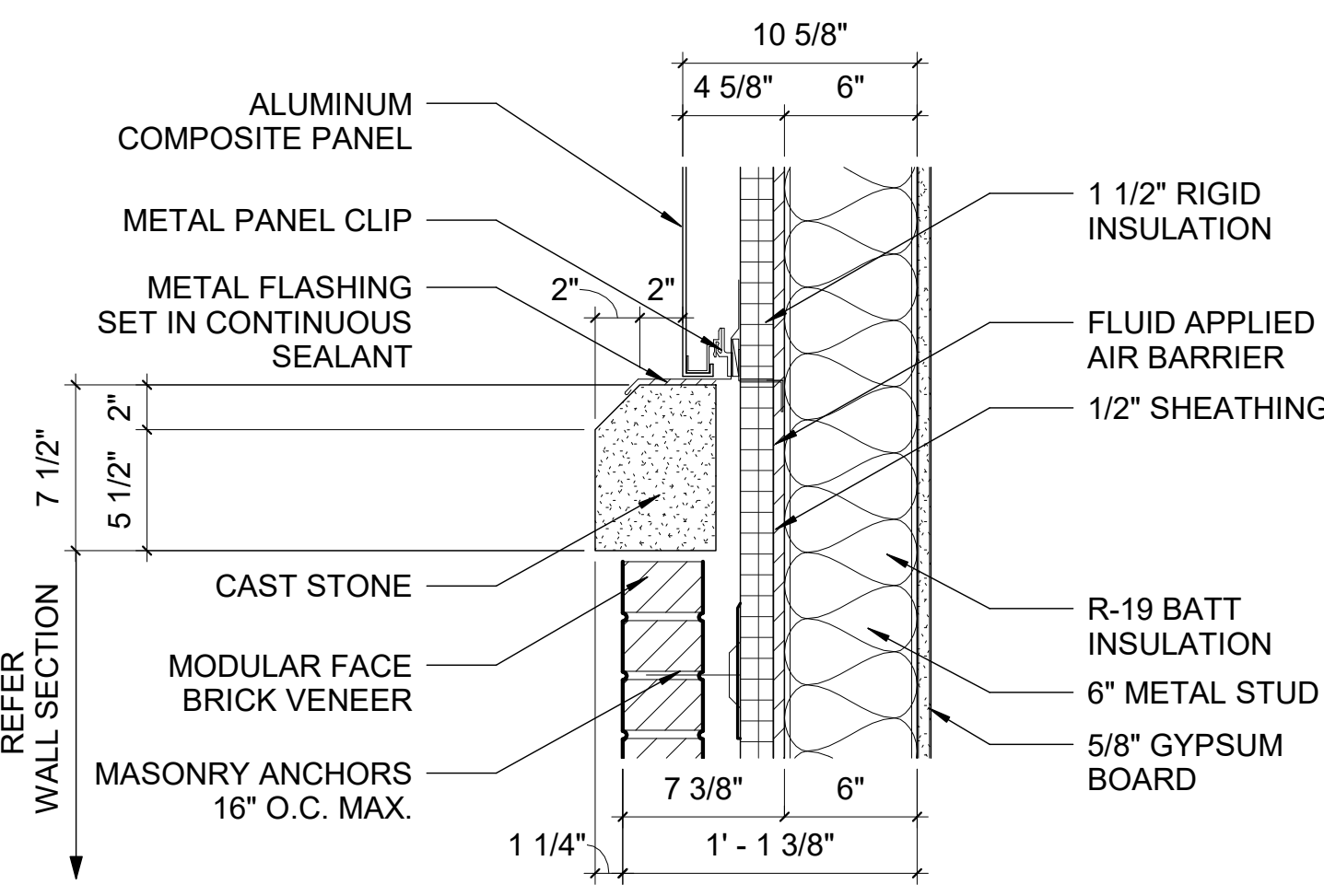
1 SECTION DETAIL
A4.06 1 1/2" = 1'-0"



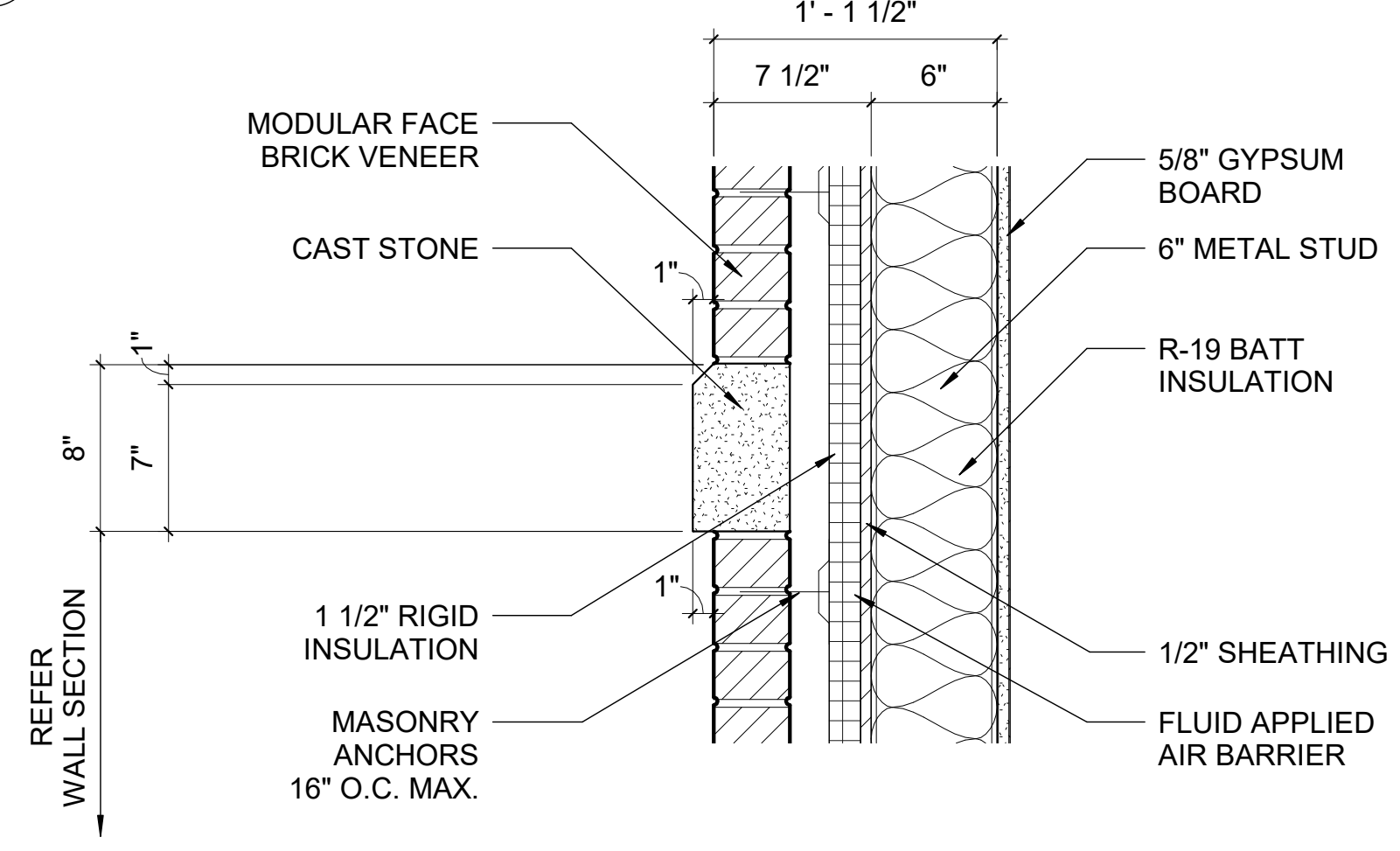
2 SECTION DETAIL
A4.06 1 1/2" = 1'-0"



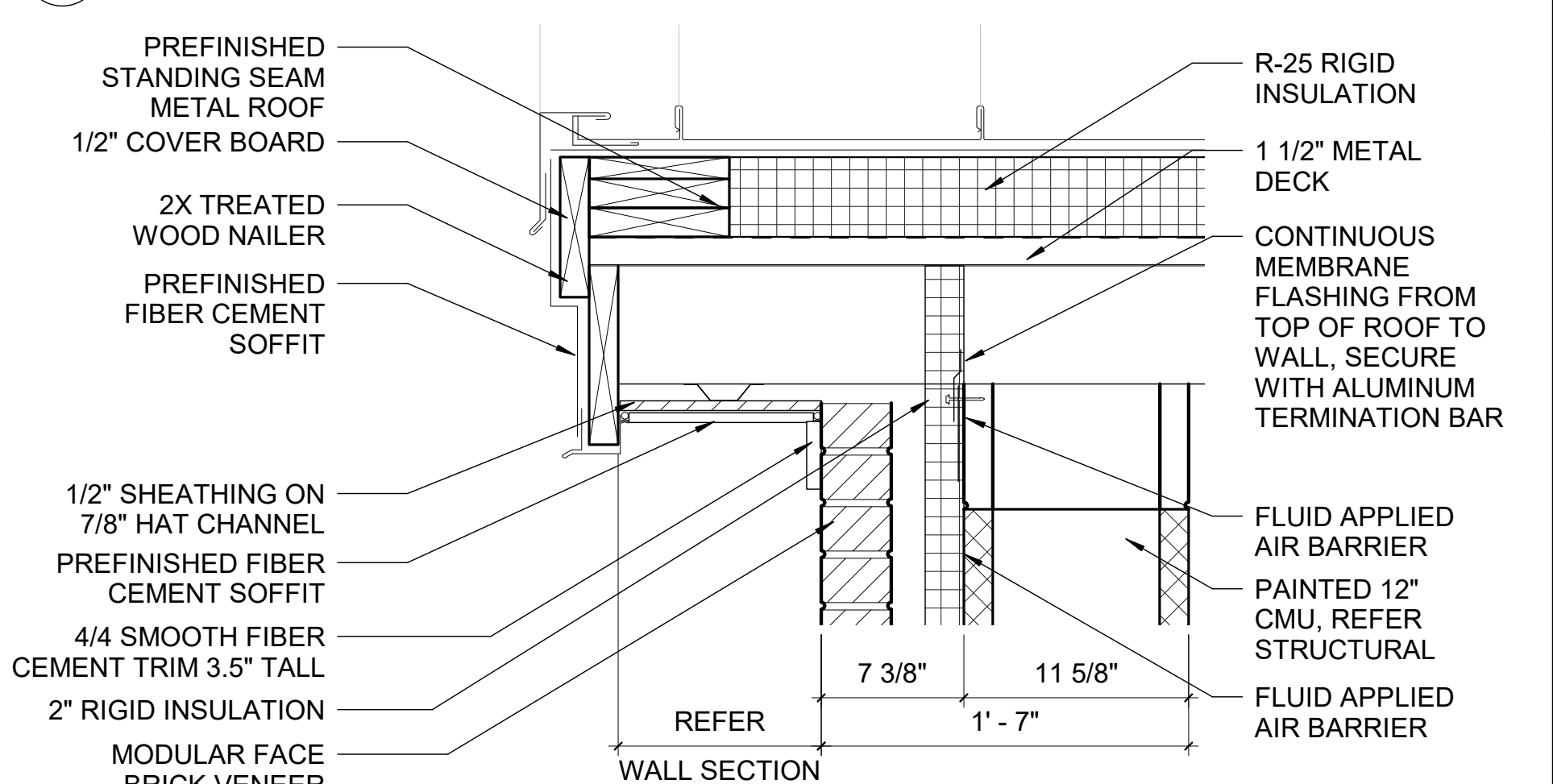
3 SECTION DETAIL
A4.06 1 1/2" = 1'-0"



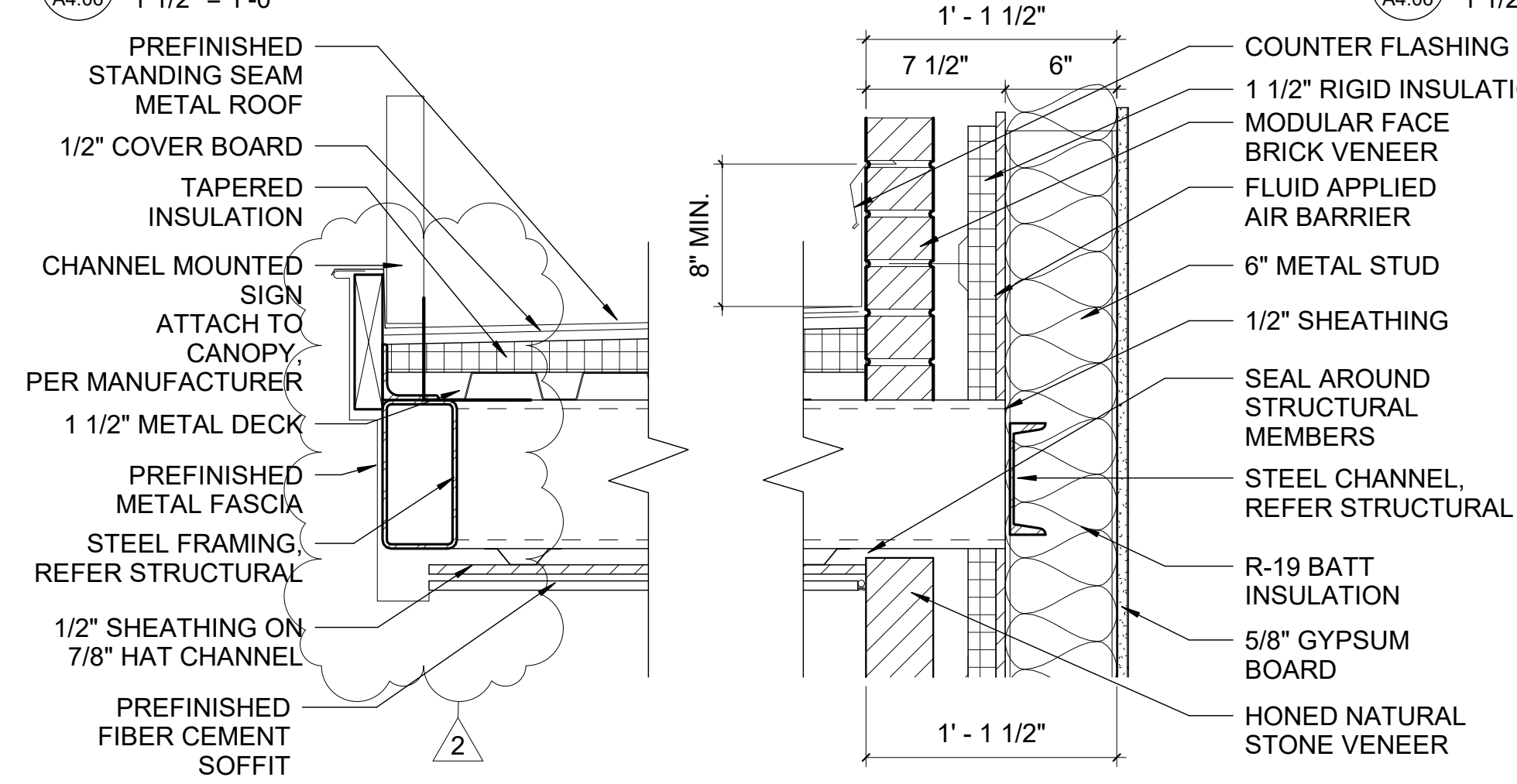
4 SECTION DETAIL
A4.06 1 1/2" = 1'-0"



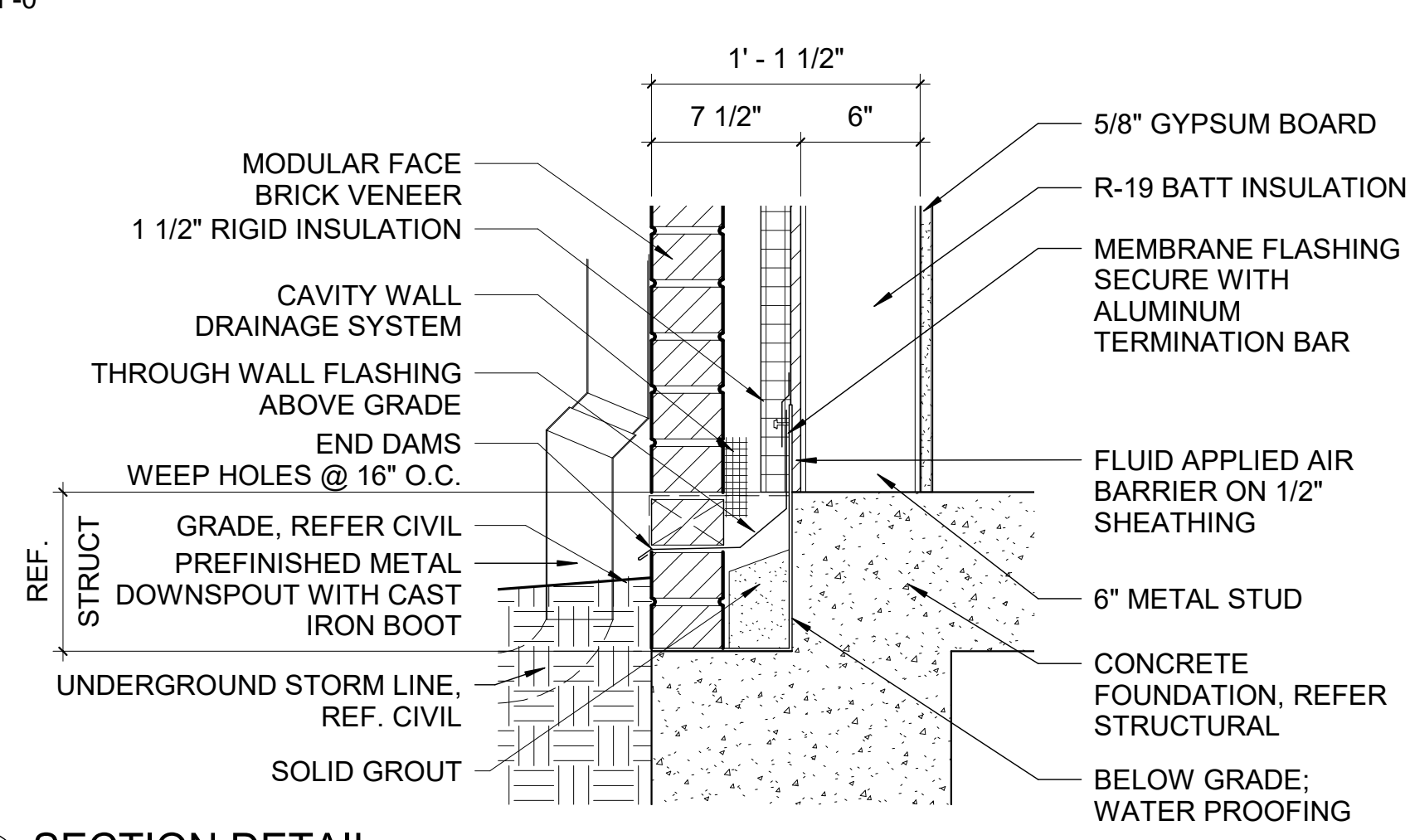
5 SECTION DETAIL
A4.06 1 1/2" = 1'-0"



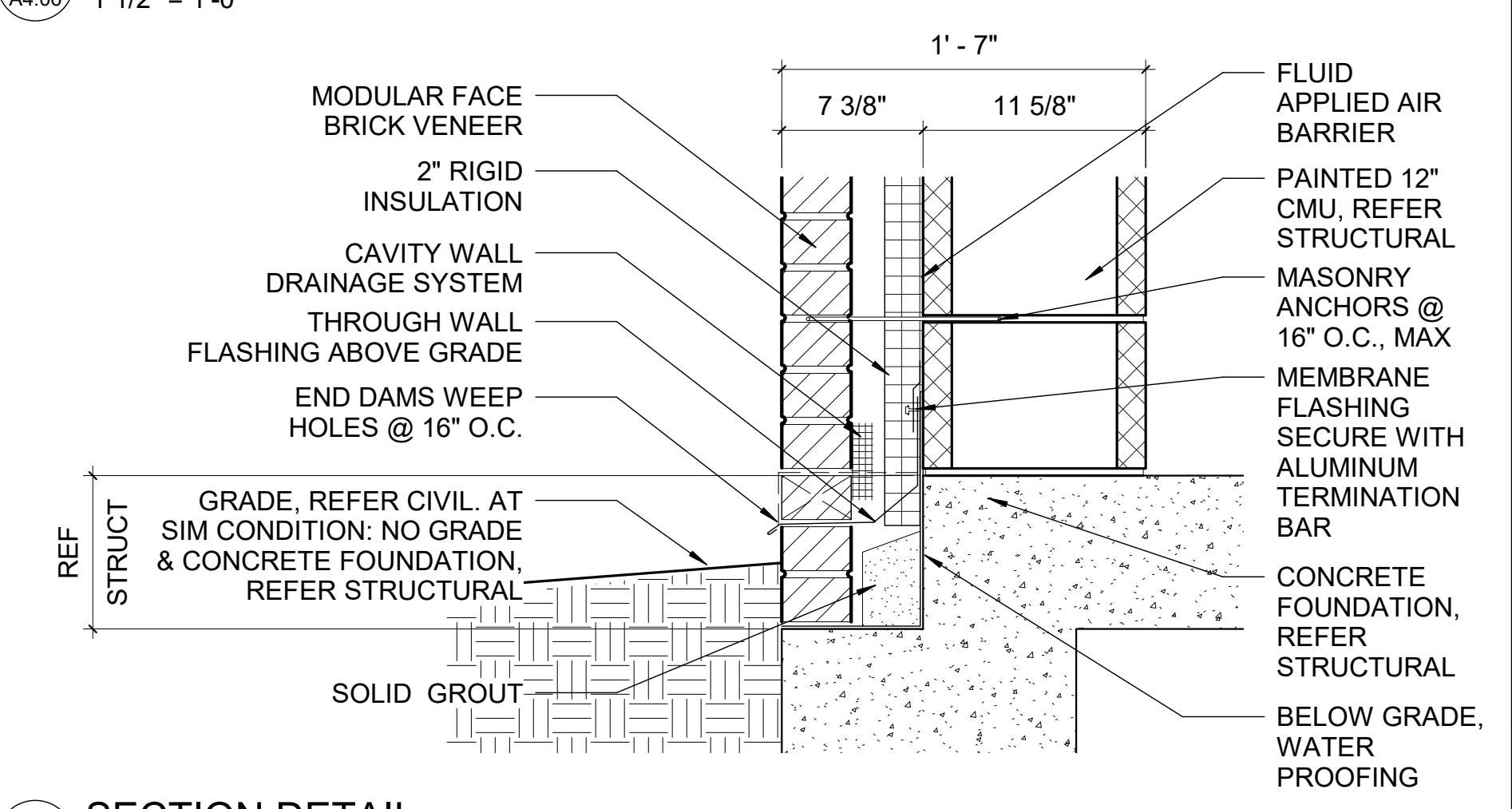
6 SECTION DETAIL
A4.06 1 1/2" = 1'-0"



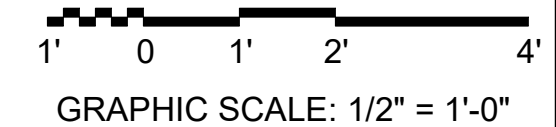
7 SECTION DETAIL
A4.06 1 1/2" = 1'-0"



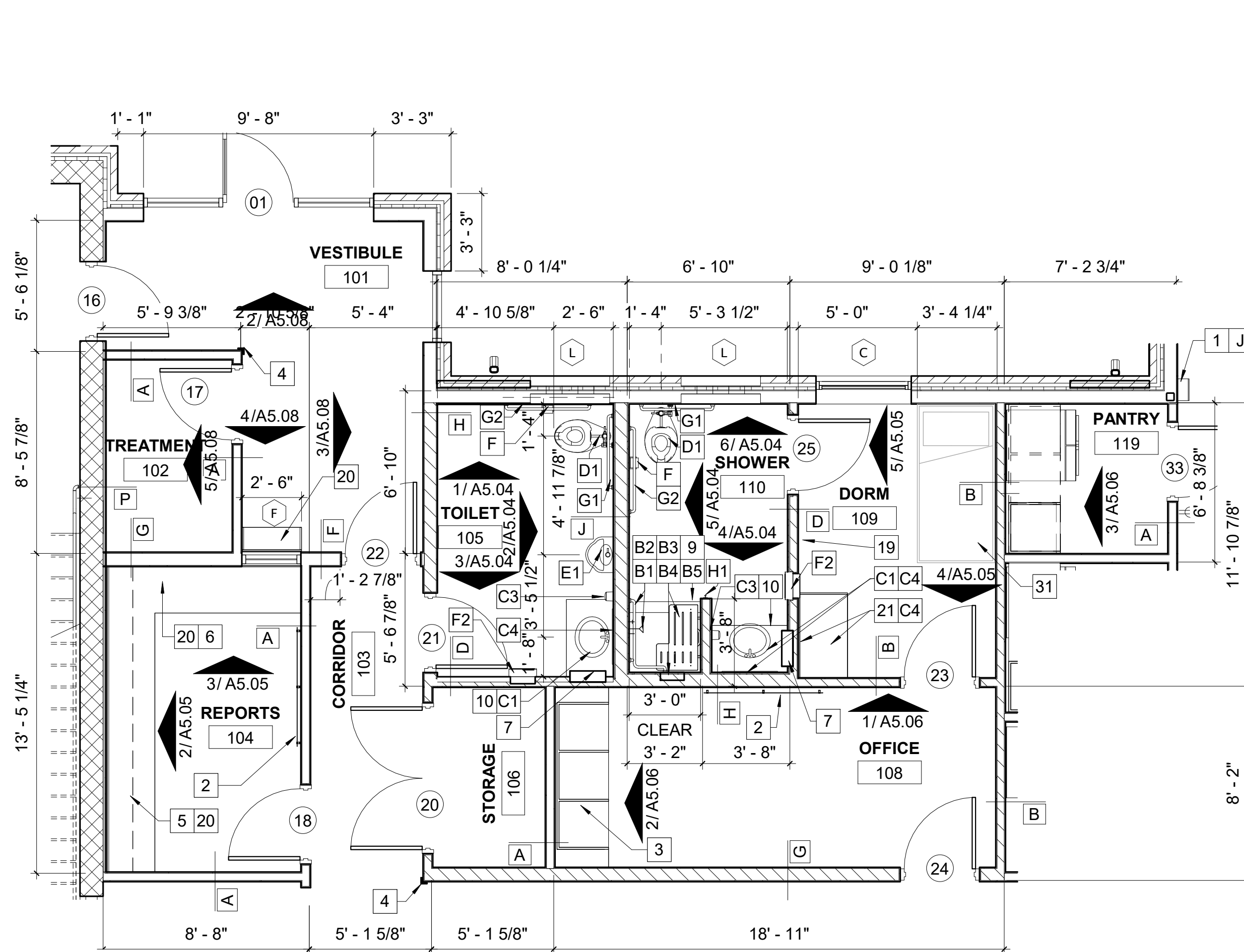
8 SECTION DETAIL
A4.06 1 1/2" = 1'-0"



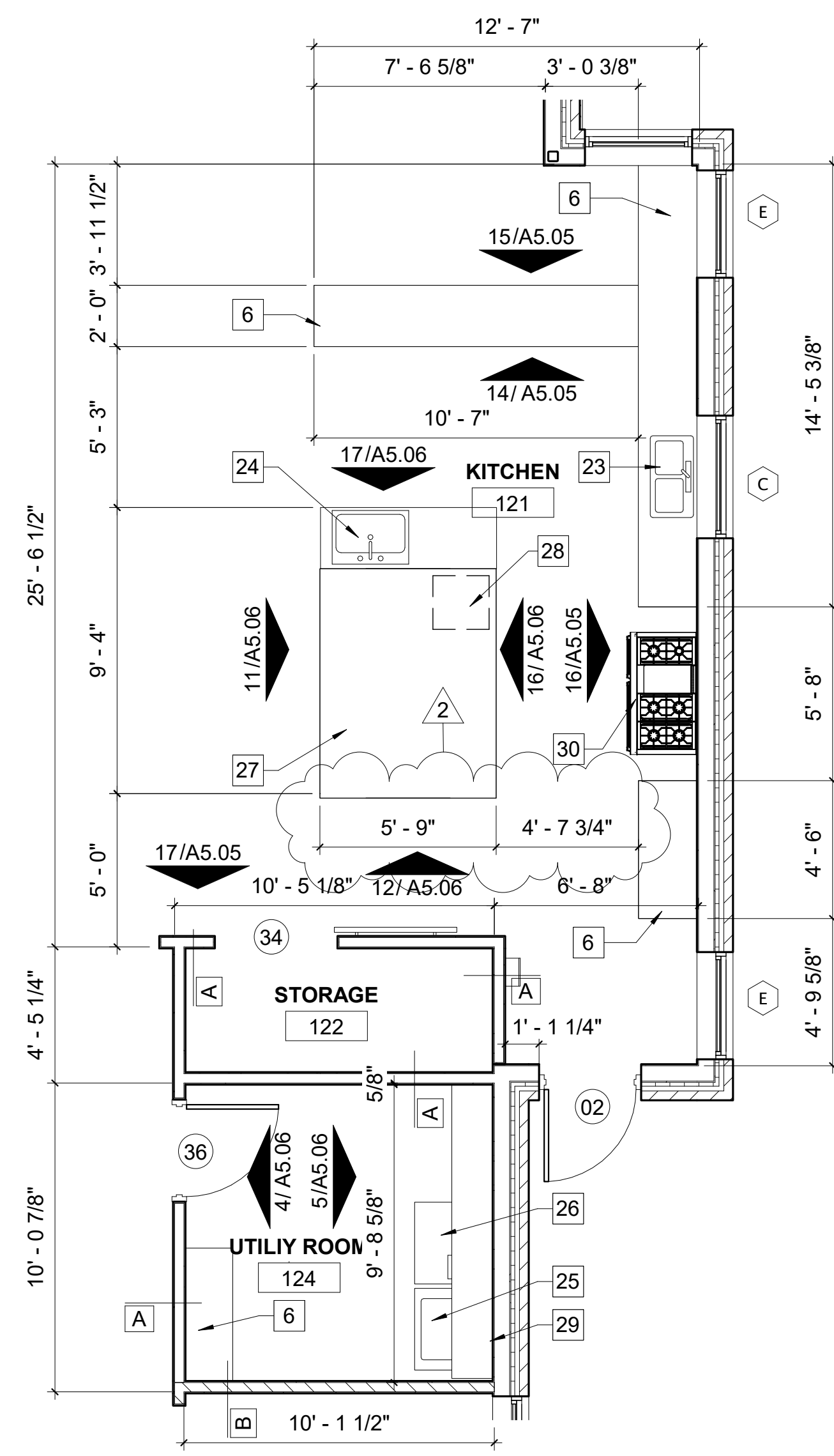
9 SECTION DETAIL
A4.06 1 1/2" = 1'-0"



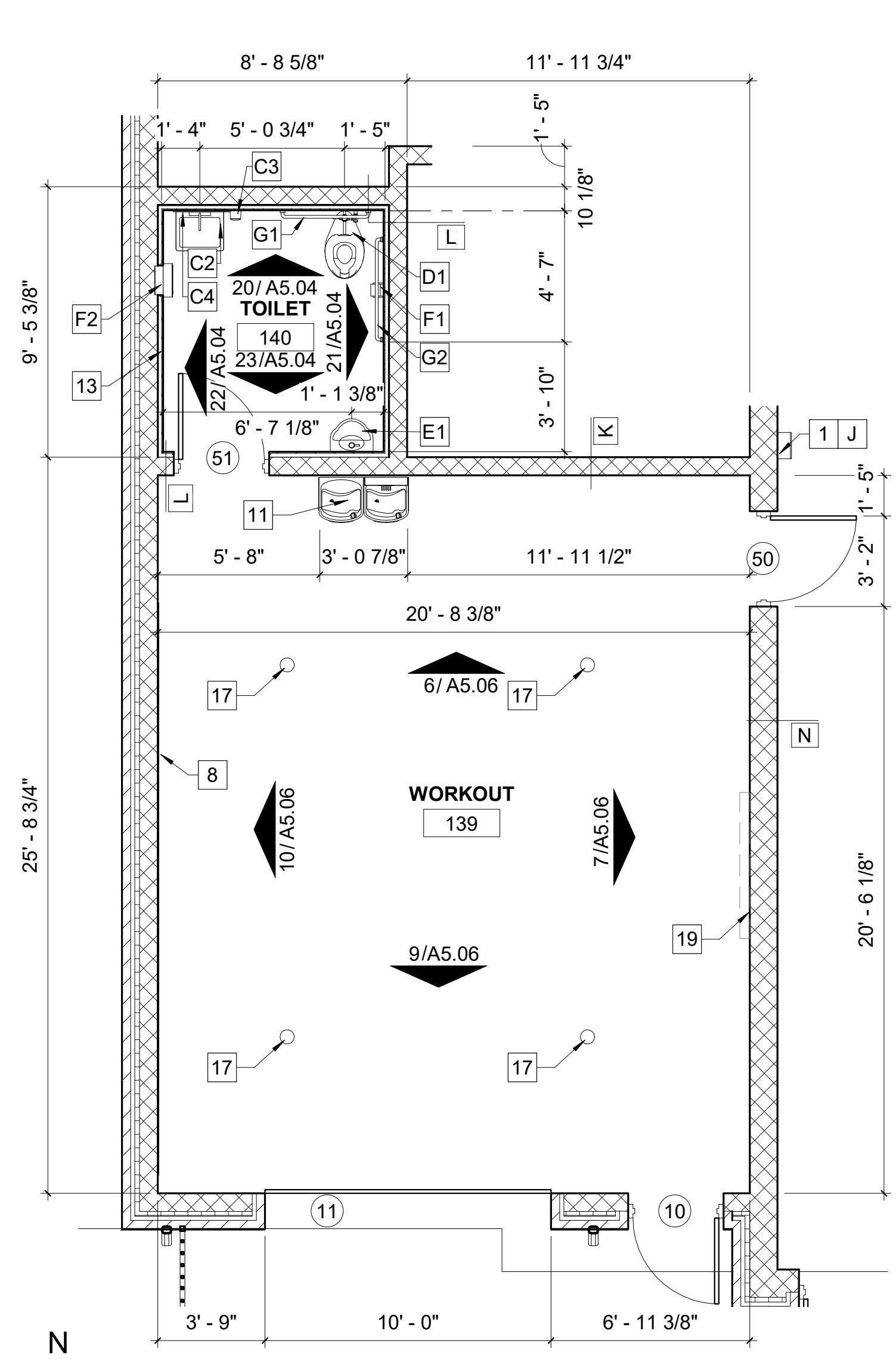
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|---|--|------------------|-------------|
| KOMATSU ARCHITECTURE | | 12/13/19 | Date |
| ISSUE FOR CONSTRUCTION | | 2 | No. |
| MANSFIELD FIRE STATION NO. 5 | | Addendum 2 | Description |
| 4444 National Parkway Mansfield, Texas 76063 | | | REVISIONS |
| SHEET SIZE: 22 x 34 | | JOB NO: 2016.166 | |
| DATE: 11/07/2019 | | SHEET: A4.06 | |
| © 2016 Komatsu Architecture, Inc. | | | |



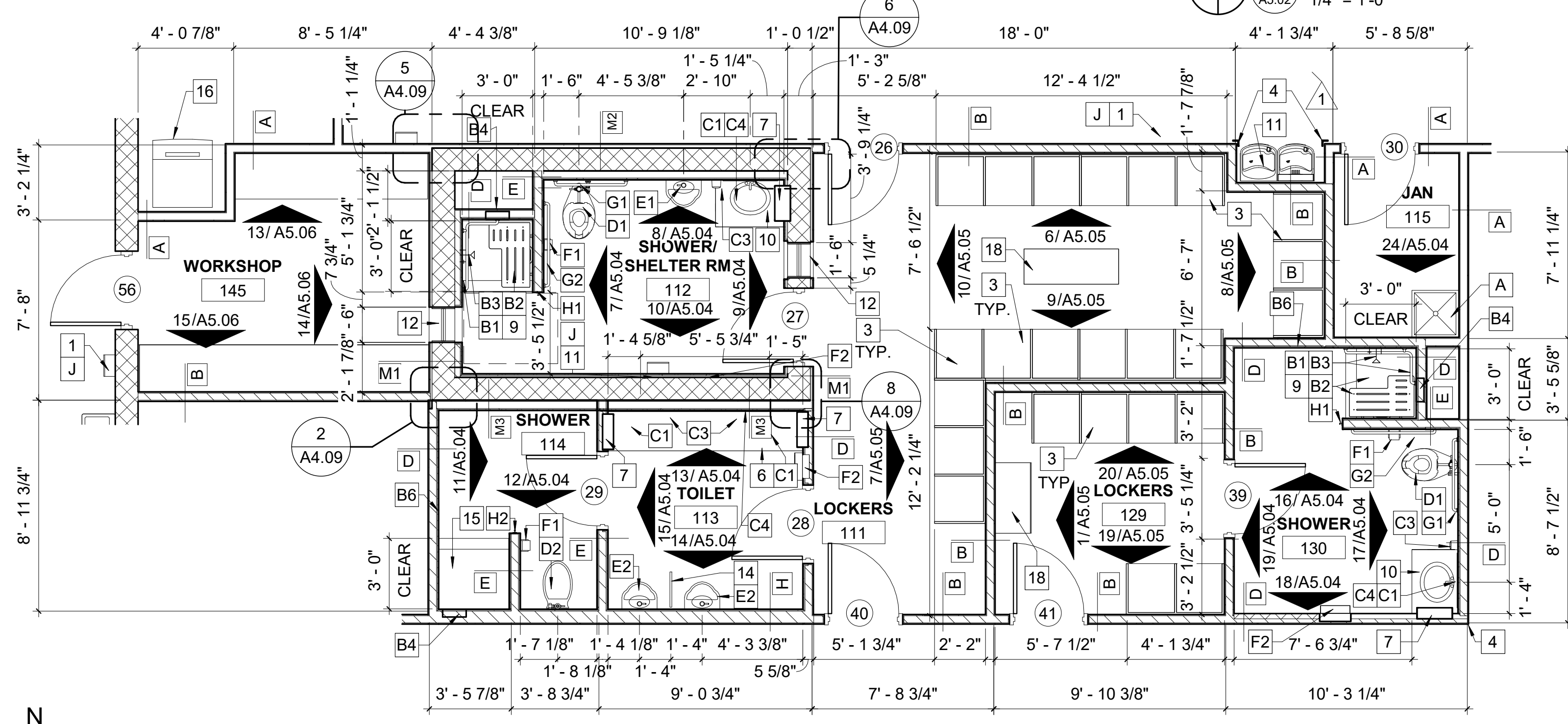
1 REPORTS, PUBLIC TOILET & OFFICER DORM & SHOWER & PANTRIES
1/4" = 1'-0"



2 KITCHEN & UTILITY ROOM
1/4" = 1'-0"



3 WORKOUT ROOM & TOILET
1/4" = 1'-0"



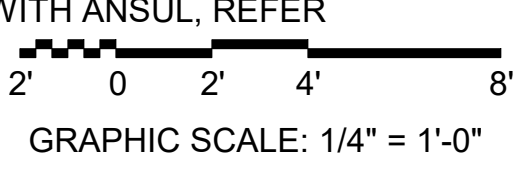
4 SHOWERS & LOCKERS
1/4" = 1'-0"

GENERAL NOTES

- A. REFER TO SHEET G0.01 FOR SYMBOLS LEGEND.
- B. REFER TO SHEET A5.01 FOR FINISH SCHEDULE.
- C. ALL NOTES BY SYMBOL ARE SHEET SPECIFIC.
- D. REFER TO SHEET A1.04 FOR PARTITION TYPES.
- E. ALL WOOD BLOCKING AND NAILERS SHALL BE FIRE RETARDANT TREATED.
- F. REFER TO SHEET A5.02 FOR TOILET ACCESSORIES AND FIXTURE LEGEND.
- G. DIMENSIONS FOR PARTITION WALLS ARE TAKEN FROM FACE OF STUD TO FACE OF STUD, UNLESS NOTED OTHERWISE.
- H. DIMENSIONS FOR PLUMBING FIXTURES ARE TAKEN FROM CENTERLINE OF FIXTURE TO FINISH OF ADJACENT WALL, UNLESS NOTED OTHERWISE.
- I. " " INDICATES STUD WALLS W/ SOUND ATTENUATION BATTS.
- J. GC TO PROVIDE BLOCKING FOR ALL OWNER PROVIDED ACCESSORIES (INCLUDING BUT NOT LIMITED TO SOAP DISPENSERS AND TV/MONITORS).

NOTES BY SYMBOL

- | | |
|---|---|
| <ul style="list-style-type: none"> 1. FIRE EXTINGUISHER CABINET 2. DRY ERASE BOARD 'MB' 3. STAINED WOOD 'WS' WARDROBE UNIT WITH COMBINATION LOCKS. 4. CORNER GUARD. 5. STAINED WOOD 'WS' UPPER CABINETS. 6. STAINED WOOD 'WS' CABINET WITH SOLID SURFACE MATERIAL 'SM' COUNTERTOP. 7. SHOWER CUBBIE, REFER 3 OR 4/A5.09. 8. WALL MOUNT MIRRORS, ALONG ENTIRE WALL. 9. TAS SHOWER, REFER 3/A5.03 AND PLUMBING. 10. STAINED WOOD 'WS' REMOVABLE PANEL WITH SOLID SURFACE 'SM' END PANEL. 11. ELECTRIC WATER COOLER, HI/LOW UNIT WITH CANE DETECTION. 12. PREFINISHED METAL LOUVER, PAINTED TO MATCH THE ADJACENT WALL, REFER MECHANICAL. 13. TILE FINISH ON 5/8" GYPSUM BOARD (TO 6" ABOVE FINISH CEILING) ON 7/8" METAL HAT CHANNEL ON EXTERIOR CMU WALL. 14. URINAL SCREEN 'SM' 15. NON-TAS SHOWER REFER 4/A5.03 AND PLUMBING. 16. ICE MACHINE, REFER PLUMBING. 17. 4 EQUAL SPACE FLOOR OUTLETS, REFER ELECTRICAL. | <ul style="list-style-type: none"> 18. LOCKER BENCH, REFER 6/A5.09. 19. PROVIDE BLOCKING FOR WALL MOUNTED MONITOR. 20. CANTILEVER SOLID SURFACE MATERIAL 'SM' COUNTER WITH TRANSACTION TRAY. 21. STAINED WOOD 'WS' CABINET, DRAWERS ONLY WITH COMBINATION LOCKS. 22. COOK TOP RANGE AND VENT HOOD WITH ANSUL, REFER MECHANICAL. 23. DOUBLE SINK WITH DISPOSER, CENTER SINK ON WINDOW, REF. PLUMBING DRAWINGS. 24. ISLAND MILLWORK WITH STAINLESS STEEL TOP AND INTEGRAL DEEP SINGLE SINK WITH DISPOSER. 25. CLOTHES WASHING MACHINE. 26. CLOTHES DRYER. 27. STAINED WOOD 'WS' ISLAND WITH STAINLESS STEEL 'SS' COUNTERTOP. 28. DISHWASHER. 29. STAINED WOOD 'WS' CUBBIES. 30. COOKTOP RANGE AND VENT HOOD WITH ANSUL, REFER MECHANICAL. 31. BED AND FRAME BY OWNER. |
|---|---|



KOMATSU
ARCHITECTURE

REGISTERED ARCHITECT
STATE OF TEXAS
11/07/19

MANSFIELD FIRE STATION NO. 5
4444 National Parkway
Mansfield, Texas 76063

ENLARGED PLANS

| No. | Description | Date |
|-----|-------------|----------|
| 2 | Addendum 2 | 12/13/19 |
| 1 | Addendum 1 | 12/10/19 |

SHEET SIZE: 22 x 34
JOB NO: 2016.166
DATE: 11/07/2019
SHEET: **A5.02**

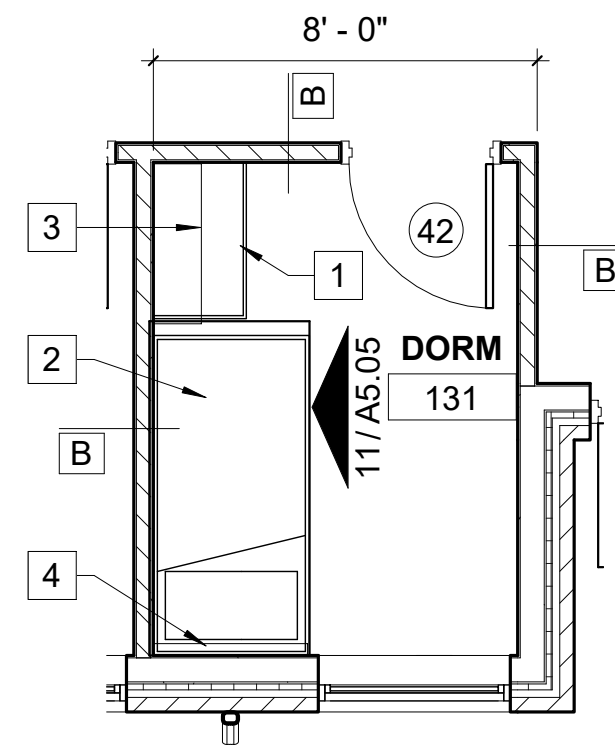
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GENERAL NOTES

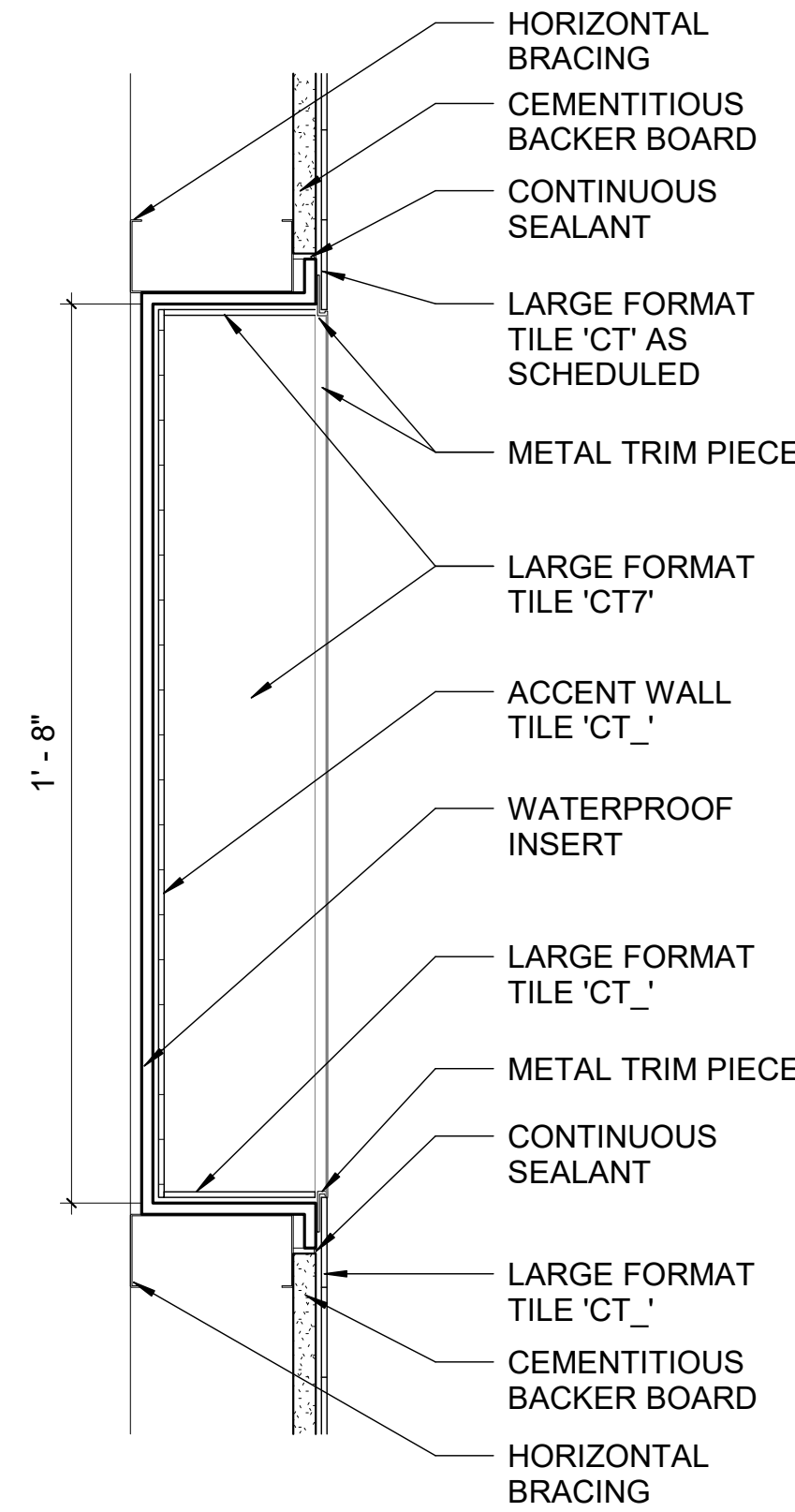
- A. REFER TO SHEET G0.01 FOR SYMBOLS LEGEND.
- B. REFER TO SHEET A5.01 FOR FINISH SCHEDULE.
- C. ALL NOTES BY SYMBOL ARE SHEET SPECIFIC.
- D. REFER TO SHEET A1.06 FOR PARTITION TYPES.
- E. ALL WOOD BLOCKING AND NAILERS SHALL BE FIRE RETARDANT TREATED.
- F. REFER TO SHEET A5.01 FOR TOILET ACCESSORIES AND FIXTURE LEGEND
- G. DIMENSIONS FOR PARTITION WALLS ARE TAKEN FROM FACE OF STUD TO FACE OF STUD, UNLESS NOTED OTHERWISE
- H. DIMENSIONS FOR PLUMBING FIXTURES ARE TAKEN FROM CENTERLINE OF FIXTURE TO FINISH OF ADJACENT WALL, UNLESS NOTED OTHERWISE.
- I. "-----" INDICATES STUD WALLS W/ SOUND ATTENUATION BATTS

NOTES BY SYMBOL

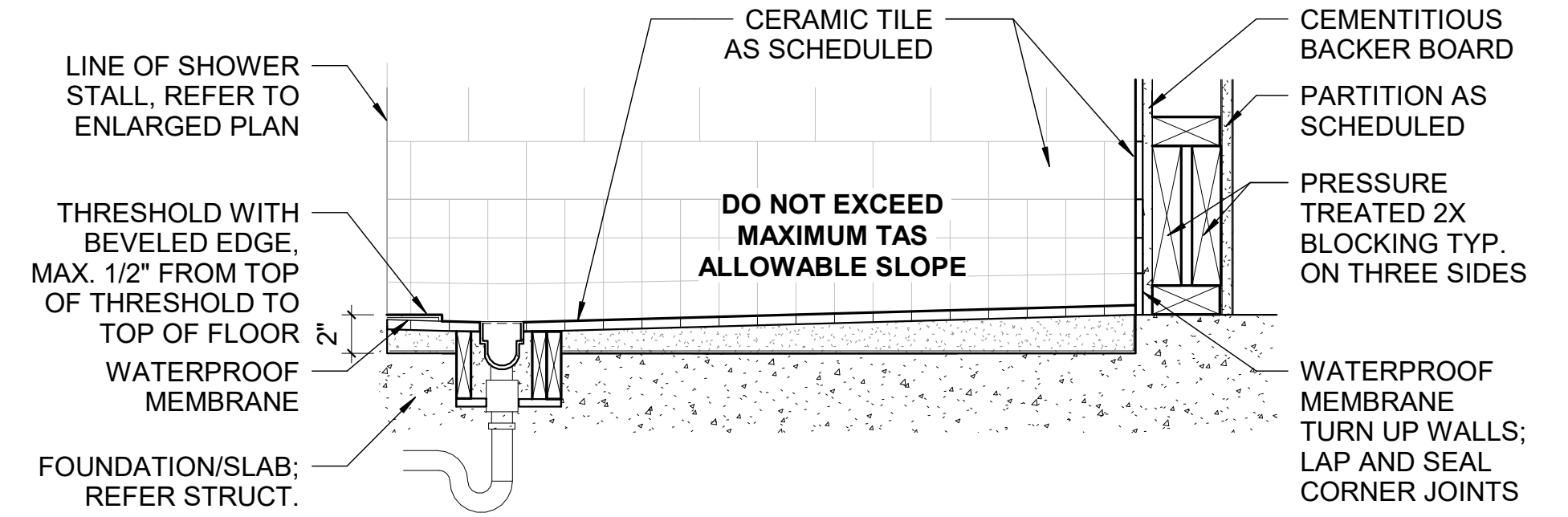
- 1. STAINED WOOD 'WS' DESK UNIT WITH 'SM' TOP AND SIDE.
- 2. STAINED WOOD 'WS' BED PLATFORM UNIT WITH 3 DRAWERS WITH COMBINATION LOCKS.
- 3. 3' LONG STAINED WOOD 'WS' FLOATING SHELF, REFER 12/A5.10
- 4. 3/4" STAINED WOOD SHELF 'WS' WITH 1/8" REVEAL, REFER 13/A5.10



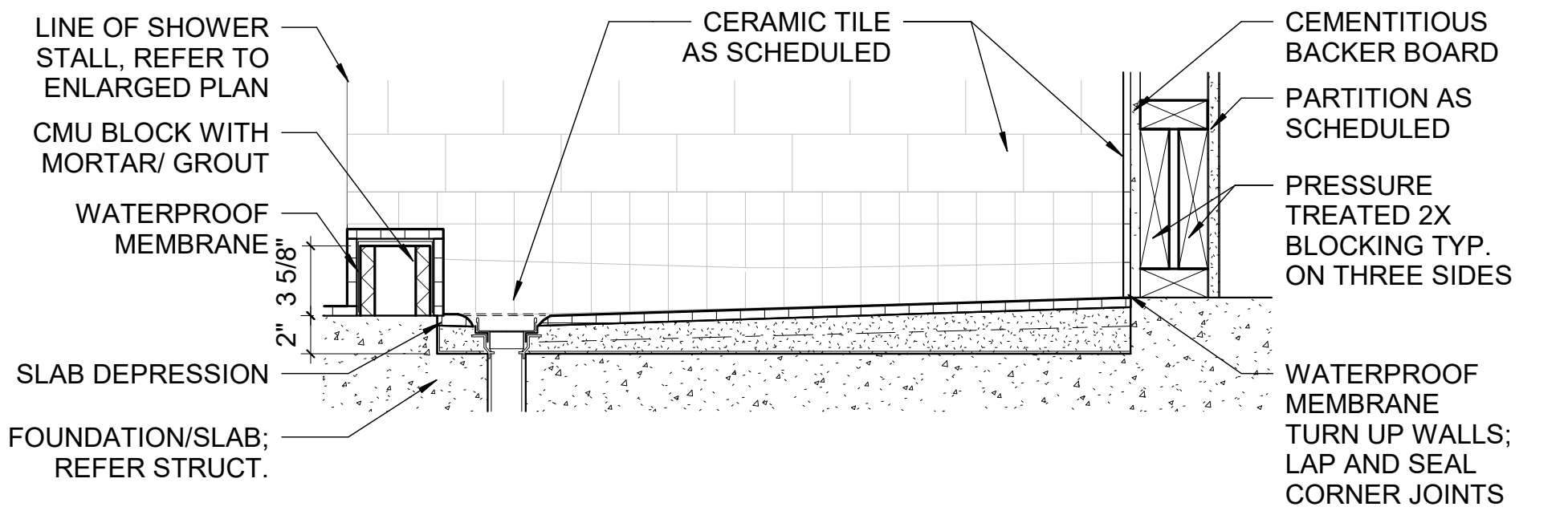
1 TYPICAL DORM ROOM
A5.03 1/4" = 1'-0"



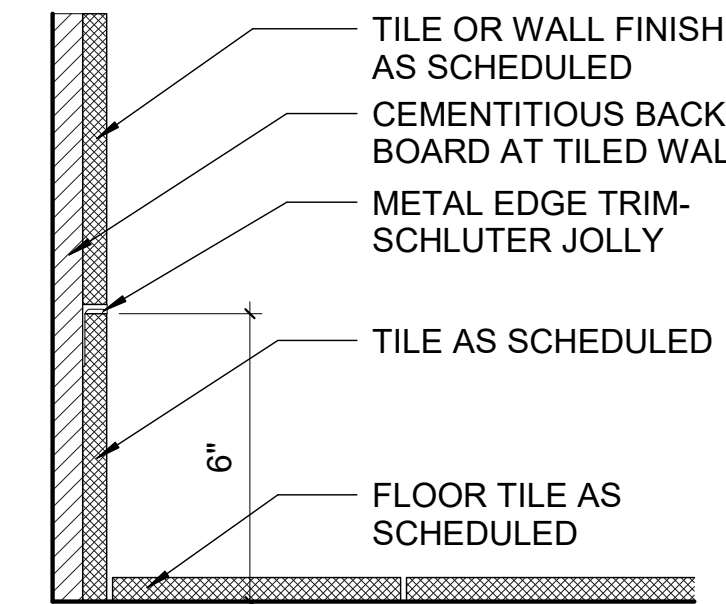
2 SHOWER SHELF
A5.03 3" = 1'-0"



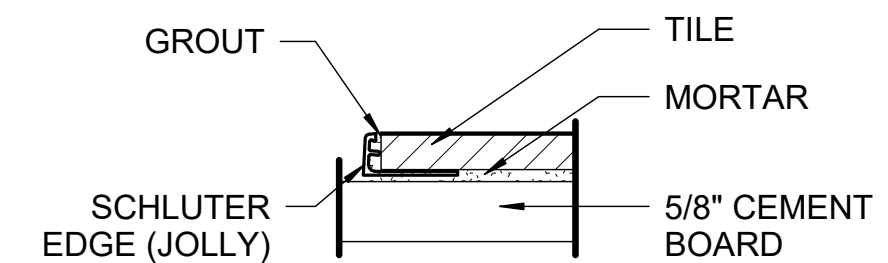
3 ACCESSIBLE SHOWER
A5.03 1 1/2" = 1'-0"



4 NON ACCESSIBLE SHOWER
A5.03 1 1/2" = 1'-0"

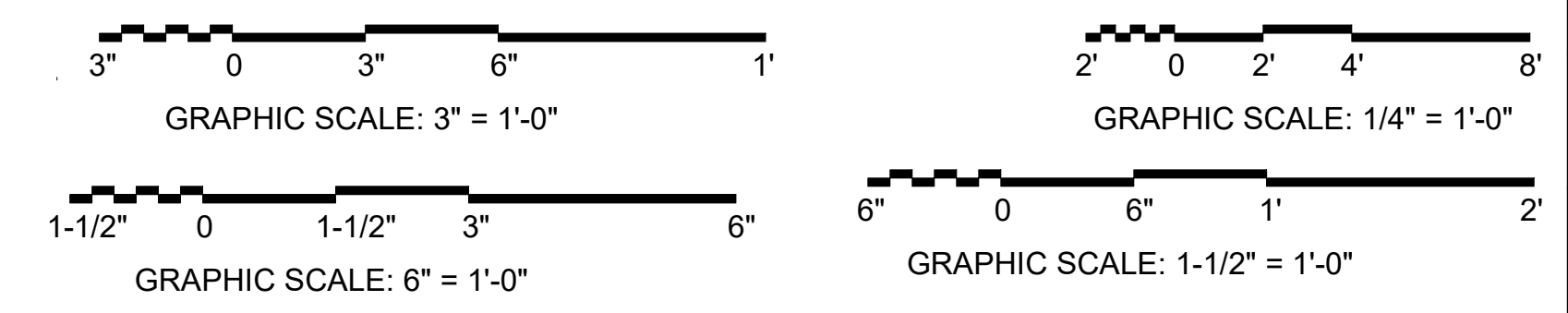
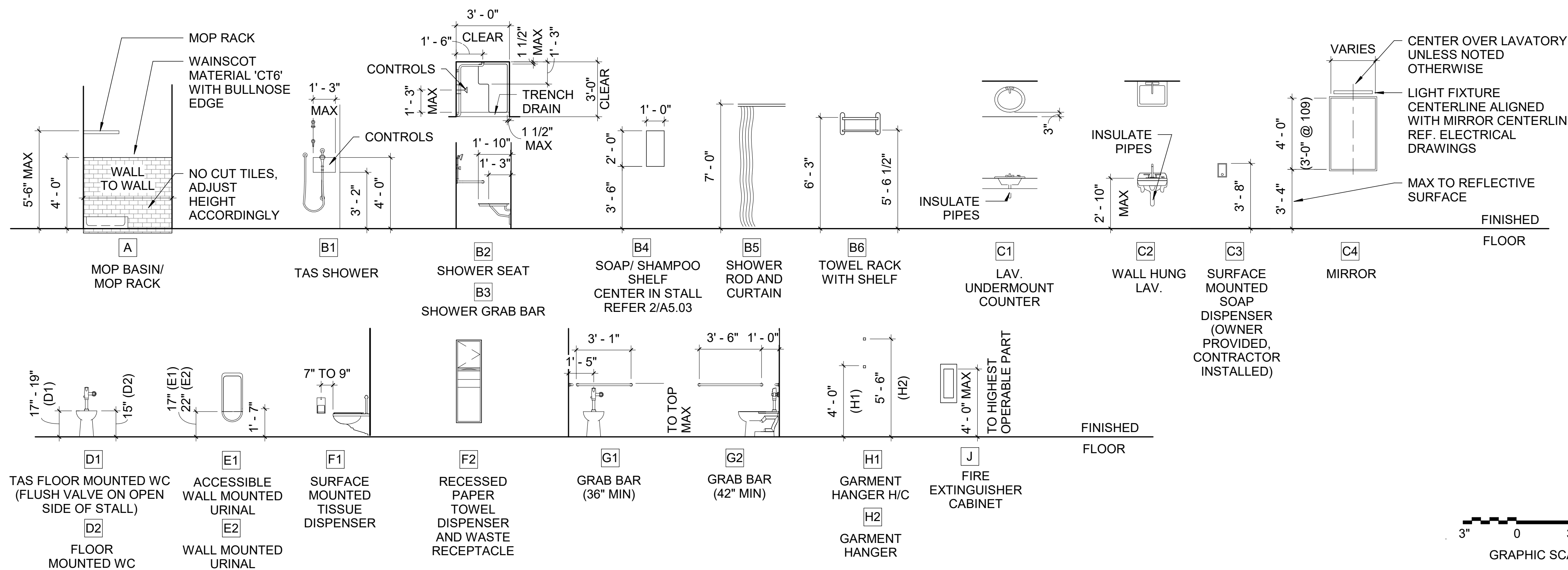


5 TILE BASE EDGE DETAIL
A5.03 3" = 1'-0"



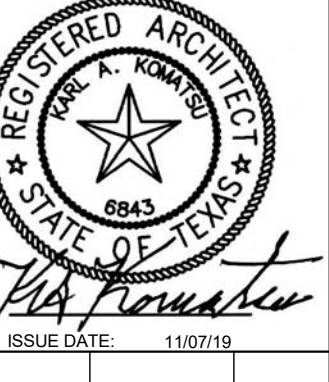
6 TILE TRANSITION EDGE DETAIL
A5.03 6" = 1'-0"

TOILET ACCESSORIES AND FIXTURE LEGEND



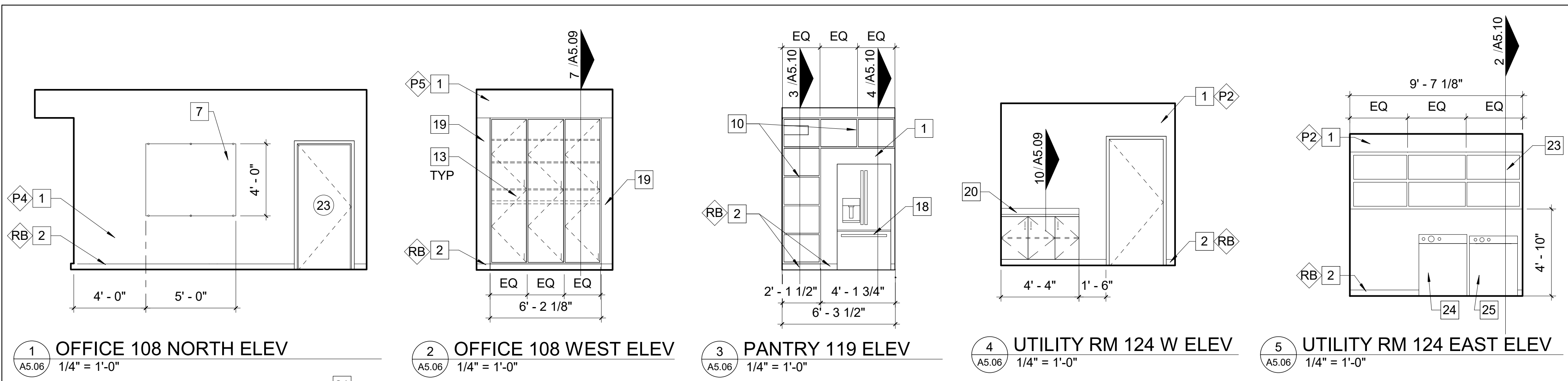
| No. | Description | REVISIONS | Date |
|-----|-------------|-----------|------|
| | | | |

KOMATSU
ARCHITECTURE
ISSUE FOR CONSTRUCTION



MANSFIELD FIRE STATION NO. 5
4444 National Parkway
Mansfield, Texas 76063
ENLARGED PLANS AND FIXTURE SCHEDULE

SHEET SIZE: 22 x 34
JOB NO: 2016.166
DATE: 11/07/2019
SHEET: **A5.03**



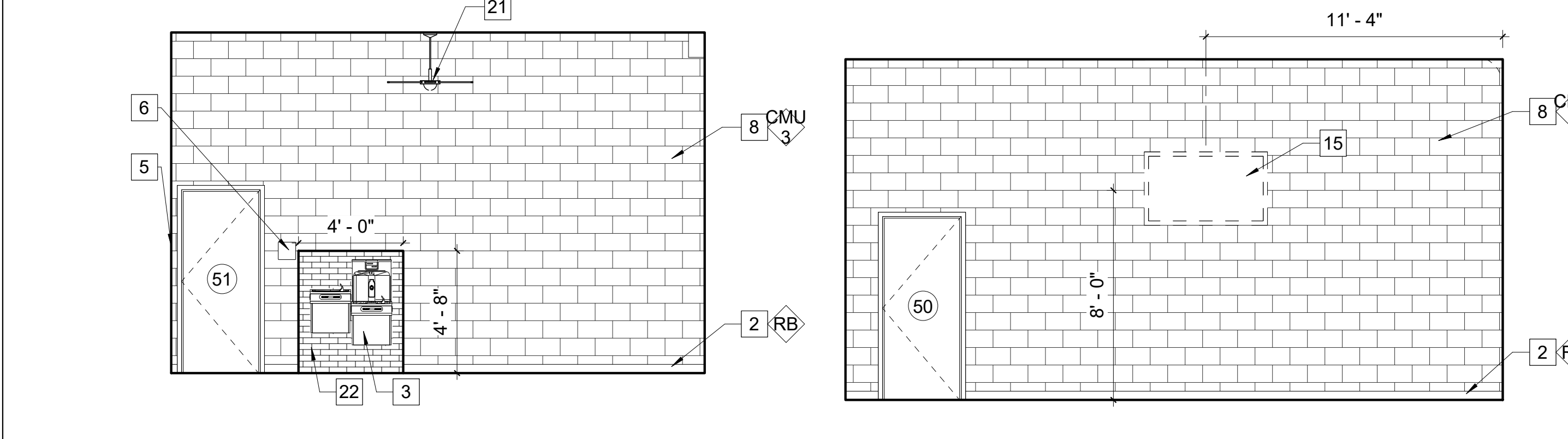
1 OFFICE 108 NORTH ELEV
A5.06 1/4" = 1'-0"

2 OFFICE 108 WEST ELEV
A5.06 1/4" = 1'-0"

3 PANTRY 119 ELEV
A5.06 1/4" = 1'-0"

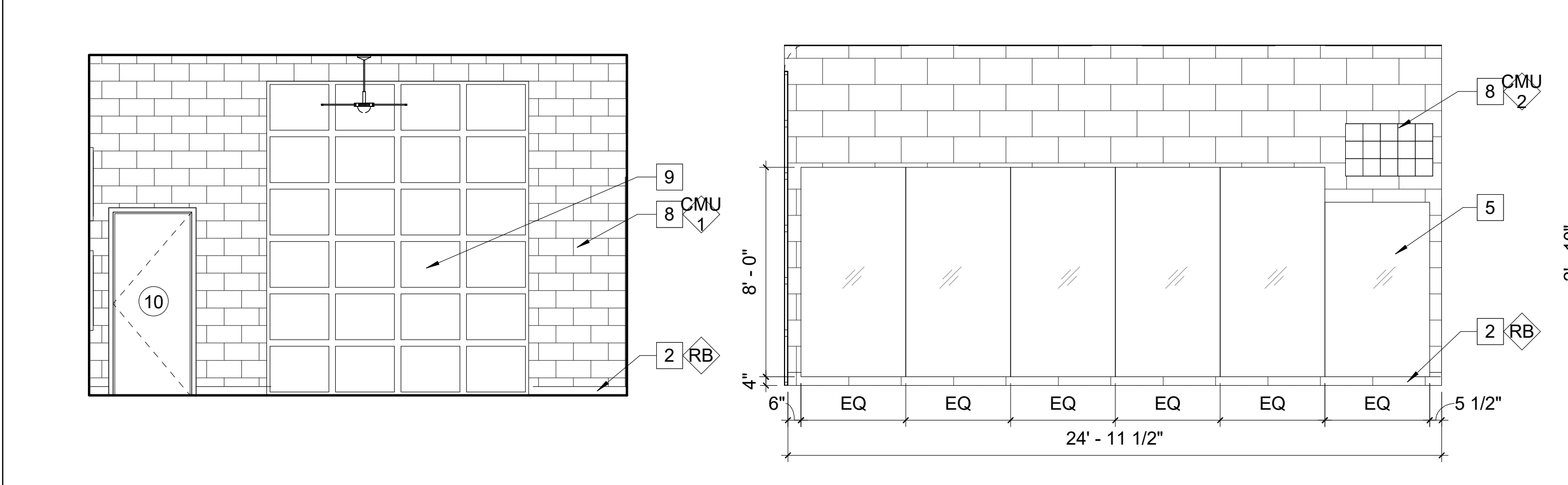
4 UTILITY RM 124 W ELEV
A5.06 1/4" = 1'-0"

5 UTILITY RM 124 EAST ELEV
A5.06 1/4" = 1'-0"



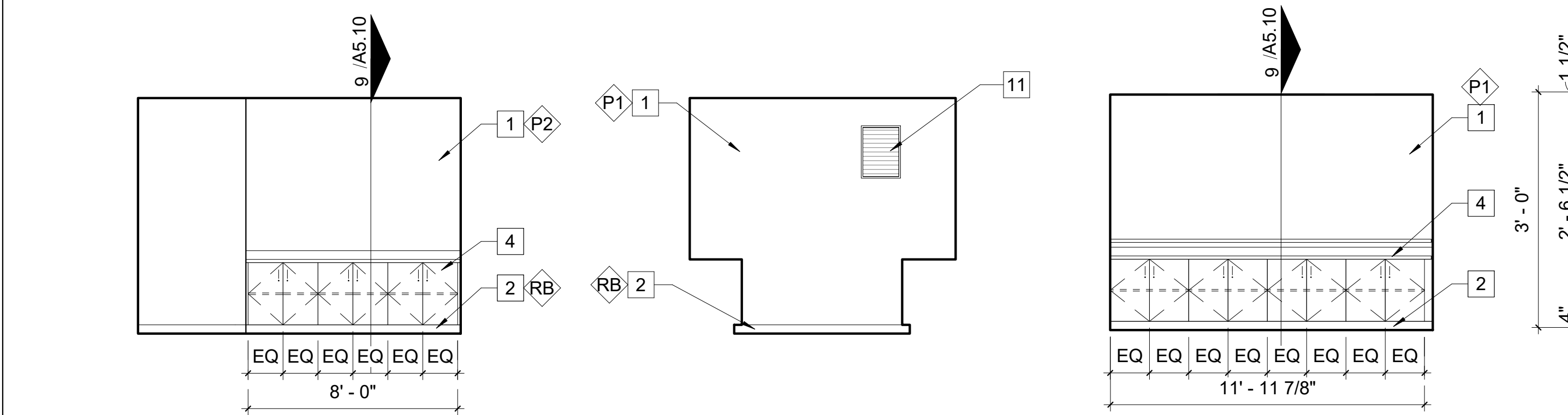
6 WORKOUT 139 NORTH ELEV
A5.06 1/4" = 1'-0"

7 WORKOUT 139 EAST ELEV
A5.06 1/4" = 1'-0"



9 WORKOUT 139 SOUTH ELEV
A5.06 1/4" = 1'-0"

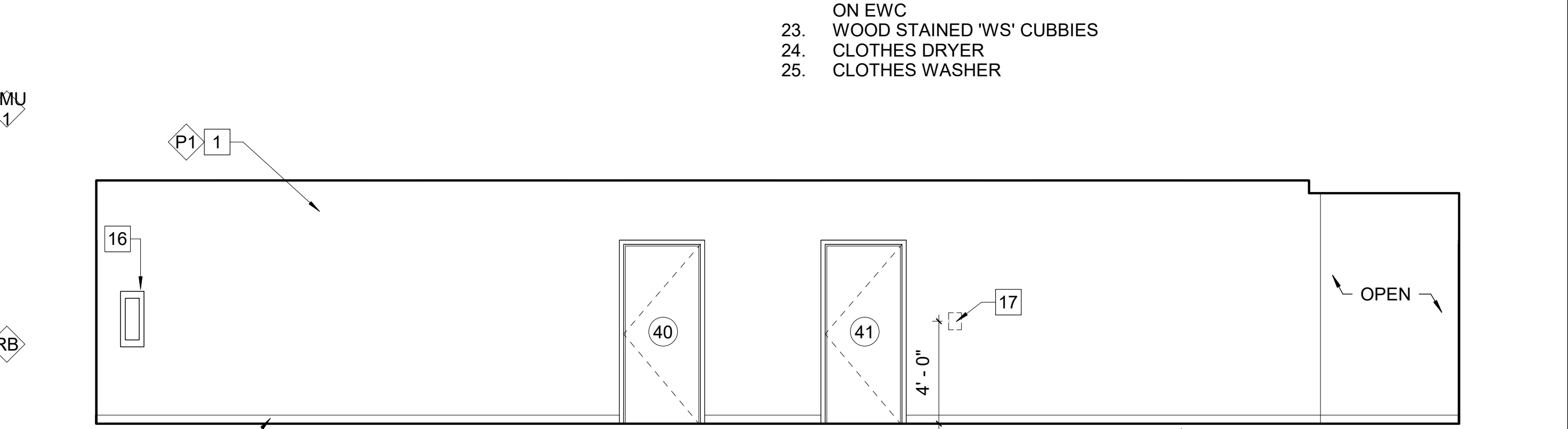
10 WORKOUT 139 WEST ELEV
A5.06 1/4" = 1'-0"



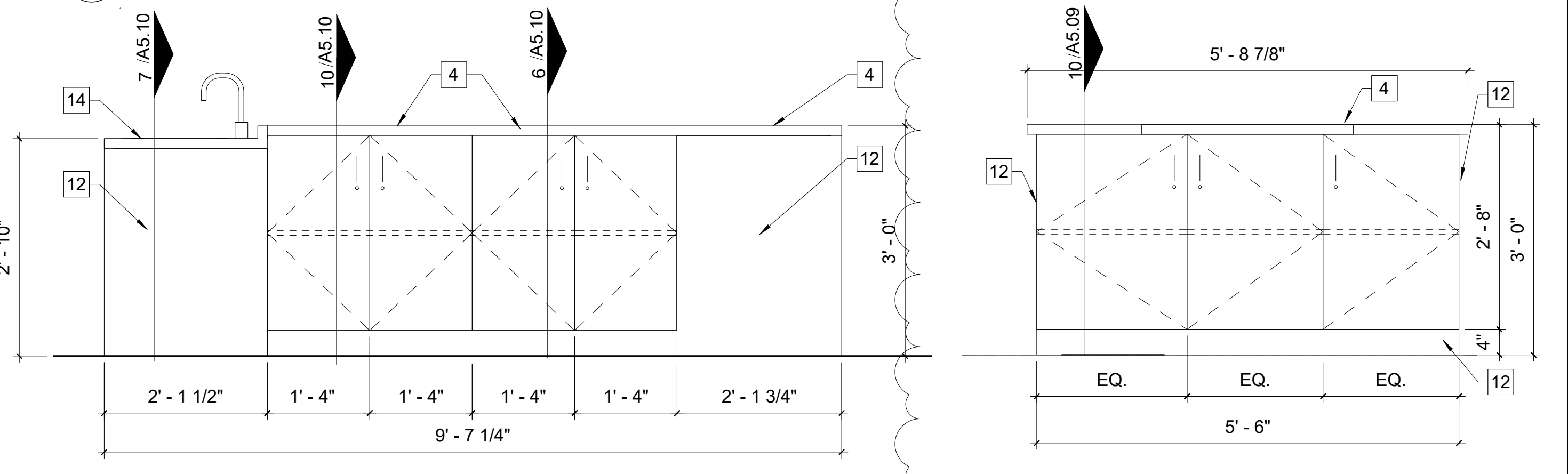
13 WORKSHOP 145 NORTH ELEV
A5.06 1/4" = 1'-0"

14 WORKSHOP 145 EAST ELEV
A5.06 1/4" = 1'-0"

15 WORKSHOP 145 SOUTH ELEV
A5.06 1/4" = 1'-0"

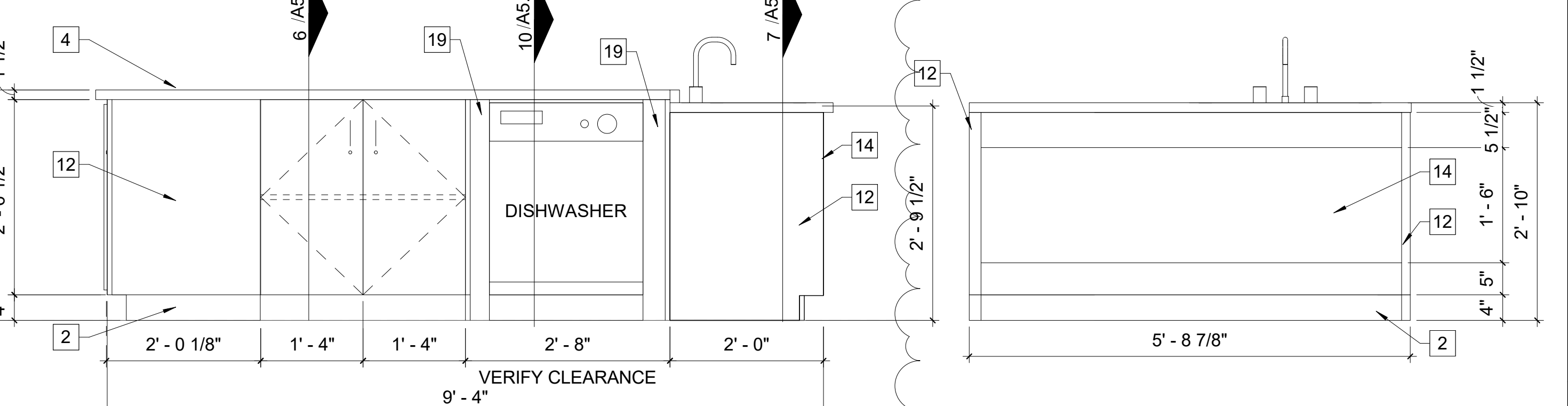


8 CORRIDOR 128 EAST ELEVATION
A5.06 1/4" = 1'-0"



11 KITCHEN ISLAND EAST ELEV.
A5.06 3/4" = 1'-0"

12 KITCHEN ISLAND SOUTH ELEV.
A5.06 3/4" = 1'-0"

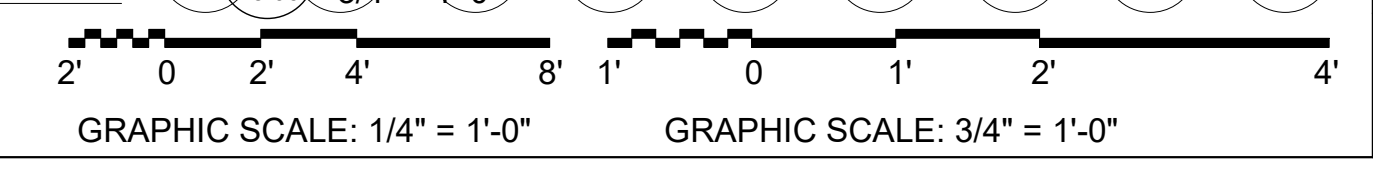


16 KITCHEN ISLAND WEST ELEV.
A5.06 3/4" = 1'-0"

17 KITCHEN ISLAND NORTH ELEV
A5.06 3/4" = 1'-0"

NOTES BY SYMBOL

1. PAINTED GYPSUM BOARD WALL; REFER A5.01 FOR FINISH COLOR
2. 4" RUBBER BASE 'RB'
3. TAS COMPLIANT ELECTRIC WATER COOLER WITH BOTTLE FILLER
4. WOOD 'WS' CABINET WITH SOLID SURFACE MATERIAL 'SM' COUNTERTOP
5. WALL MOUNT MIRROR
6. TAS COMPLIANT ROOM SIGNAGE, REFER A6.01
7. 5'X4' DRY ERASE BOARD 'MB'; REFER A5.01
8. PAINTED CMU WALL; REFER A5.01 FOR FINISH COLOR
9. OVERHEAD ALUMINUM DOOR WITH GLAZING
10. WOOD STAINED 'WS' PANTRY WITH SHELVING
11. PREFINISHED METAL LOUVER, PAINTED TO MATCH THE ADJACENT WALL; REFER MECHANICAL
12. FINISHED END
13. WOOD STAINED 'WS' WARDROBE UNIT
14. UNDERMOUNT SINK WITH ACCESSIBLE PANEL
15. PROVIDE BLOCKING, POWER AND CABLING TO WALL MOUNTED MONITOR (OFC)
16. FIRE EXTINGUISHER CABINET
17. PROVIDE BLOCKING FOR OWNER PROVIDED PHONE
18. GC VERIFY CLEARANCE OF REFRIGERATOR
19. STAINED WOOD FILLER PANEL
20. 'SM' BACKSPLASH, TOP & END PANEL WITH MITERED CORNER, WITH STAINED WOOD 'WS' CABINET
21. CEILING FAN, REFER ELECTRICAL
22. 4' WIDE BY 4'-8" HEIGHT, 'CT7' SURROUND, BULLNOSE EDGE ALL SIDES, CENTER ON EWC
23. WOOD STAINED 'WS' CUBBIES
24. CLOTHES DRYER
25. CLOTHES WASHER



12/13/19 Date

Addendum 2 No.

2 No.

REVISIONS

DESCRIPTION

KOMATSU ARCHITECTURE

ISSUE FOR CONSTRUCTION

REGISTERED ARCHITECT
MARK A. KOMATSU
STATE OF TEXAS
6843
Mansfield, Texas 76063

11/07/19 ISSUE DATE

MANSFIELD FIRE STATION NO. 5

4444 National Parkway
Mansfield, Texas 76063

INTERIOR ELEVATIONS

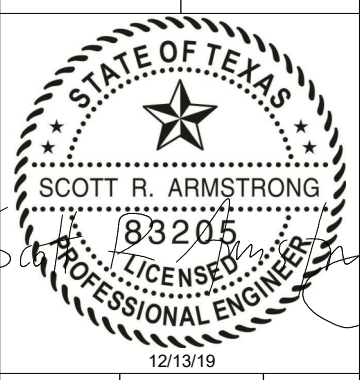
SHEET SIZE: 22 x 34
JOB NO: 2016.166
DATE: 11/07/2019
SHEET: A5.06

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| | |
|----------|-------------|
| 12/13/19 | Addendum 02 |
| 12/10/19 | Revision 1 |
| No. | Description |
| | REVISIONS |

KOMATSU
 ARCHITECTURE

ISSUE FOR CONSTRUCTION

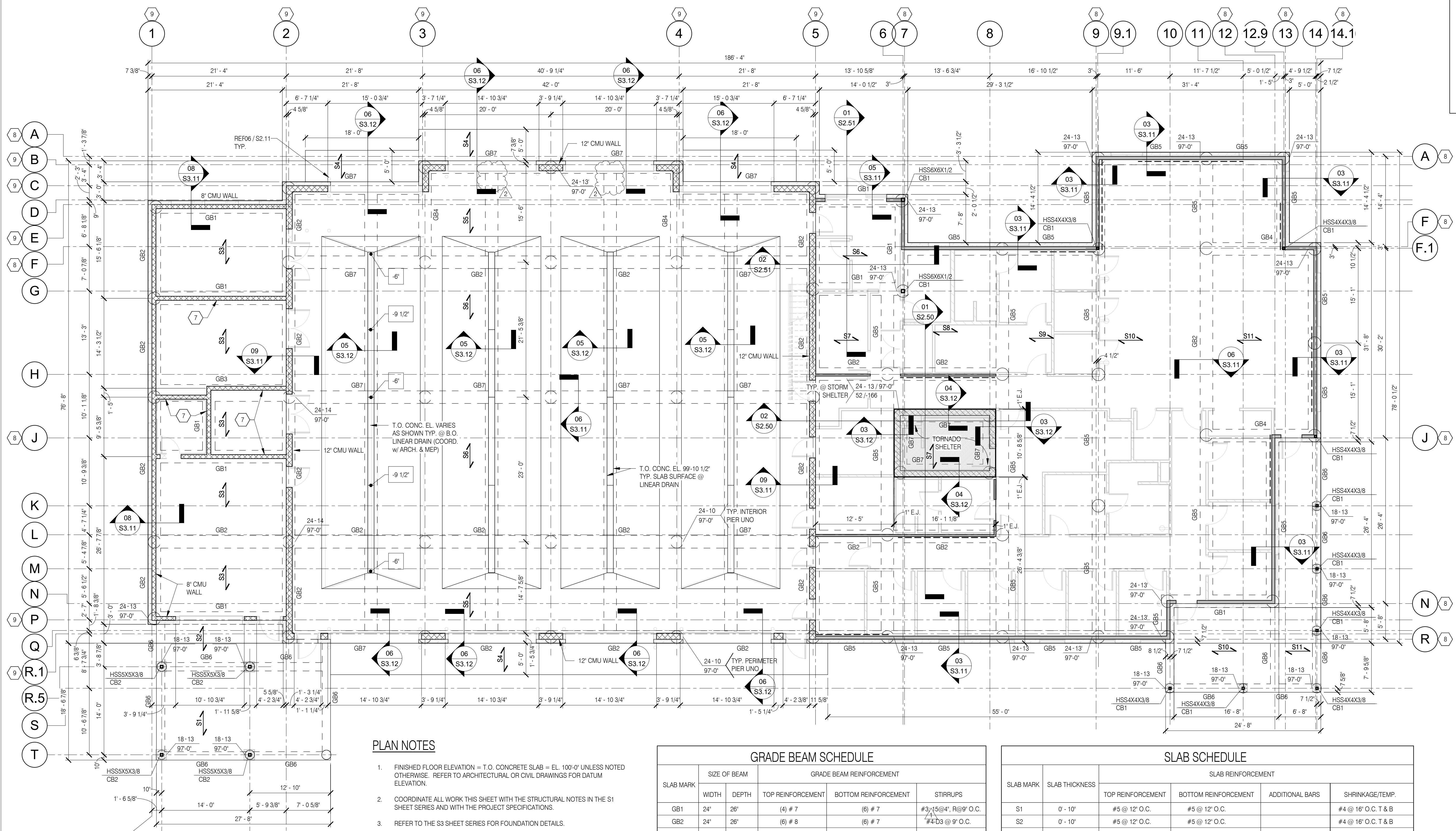


MANSFIELD FIRE STATION NO. 5
 4444 NATIONAL PARKWAY
 MANSFIELD, TEXAS 76063

FOUNDATION PLAN

SHEET SIZE: 22 x 34
 JOB NO: 2016.166
 DATE: 11/07/2019
 SHEET:

S2.10



- PLAN NOTES**
- FINISHED FLOOR ELEVATION = T.O. CONCRETE SLAB = EL. 100'-0" UNLESS NOTED OTHERWISE. REFER TO ARCHITECTURAL OR CIVIL DRAWINGS FOR DATUM ELEVATION.
 - COORDINATE ALL WORK THIS SHEET WITH THE STRUCTURAL NOTES IN THE S1 SHEET SERIES AND WITH THE PROJECT SPECIFICATIONS.
 - REFER TO THE S3 SHEET SERIES FOR FOUNDATION DETAILS.
 - REFER SHEET S5.10 FOR BASE PLATE DETAILS.
 - PROVIDE 15 mil MOISTURE RETARDER BENEATH FLOOR SLAB.
 - UNLESS NOTED OTHERWISE, CENTER PIER ON COLUMN CENTERLINES. IF NO COLUMN IS PRESENT, CENTER PIER ON THE GRADE BEAM.
 - 8" INTERIOR CMU WALL. T.O. WALL EL. = 112'-8".
 - GRID LINE IS FACE OF STUD.
 - GRID LINE IS FACE OF CMU.

GRADE BEAM SCHEDULE

| SLAB MARK | SIZE OF BEAM | | GRADE BEAM REINFORCEMENT | | |
|-----------|--------------|-------|--------------------------|----------------------|---------------------|
| | WIDTH | DEPTH | TOP REINFORCEMENT | BOTTOM REINFORCEMENT | STIRRUPS |
| GB1 | 24" | 26" | (4) # 7 | (6) # 7 | #3-15@4", R@9" O.C. |
| GB2 | 24" | 26" | (6) # 8 | (6) # 7 | #4-D3 @ 9" O.C. |
| GB3 | 32" | 26" | (6) # 8 | (4) # 7 | #4-D3 @ 9" O.C. |
| GB4 | 24" | 26" | (4) # 8 | (6) # 8 | #4-D3 @ 9" O.C. |
| GB5 | 24" | 26" | (4) # 7 | (4) # 7 | #3 @ 9" O.C. |
| GB6 | 16" | 26" | (3) # 7 | (3) # 7 | #3 @ 9" O.C. |
| GB7 | 24" | 26" | (6) # 9 | (6) # 9 | #4-D3 @ 9" O.C. |

SLAB SCHEDULE

| SLAB MARK | SLAB THICKNESS | SLAB REINFORCEMENT | | | |
|-----------|----------------|--------------------|----------------------|-----------------|---------------------|
| | | TOP REINFORCEMENT | BOTTOM REINFORCEMENT | ADDITIONAL BARS | SHRINKAGE/TEMP. |
| S1 | 0' - 10" | #5 @ 12" O.C. | #5 @ 12" O.C. | | #4 @ 16" O.C. T & B |
| S2 | 0' - 10" | #5 @ 12" O.C. | #5 @ 12" O.C. | | #4 @ 16" O.C. T & B |
| S3 | 0' - 10" | #5 @ 12" O.C. | #5 @ 12" O.C. | | #4 @ 16" O.C. T & B |
| S4 | 0' - 10" | #7 @ 6" O.C. | #7 @ 6" O.C. | | #4 @ 16" O.C. T & B |
| S5 | 0' - 10" | #7 @ 6" O.C. | #7 @ 6" O.C. | | #4 @ 16" O.C. T & B |
| S6 | 0' - 10" | #7 @ 6" O.C. | #7 @ 6" O.C. | | #4 @ 16" O.C. T & B |
| S7 | 0' - 6" | #5 @ 12" O.C. | #5 @ 12" O.C. | | #4 @ 16" O.C. TOP |
| S8 | 0' - 6" | #5 @ 12" O.C. | #5 @ 12" O.C. | | #4 @ 16" O.C. TOP |
| S9 | 0' - 6" | #5 @ 12" O.C. | #5 @ 12" O.C. | | #4 @ 16" O.C. TOP |
| S10 | 0' - 6" | #5 @ 12" O.C. | #5 @ 12" O.C. | | #4 @ 16" O.C. TOP |
| S11 | 0' - 6" | #5 @ 12" O.C. | #5 @ 12" O.C. | | #4 @ 16" O.C. TOP |
| S12 | 0' - 8" | #5 @ 12" O.C. | #5 @ 12" O.C. | | #4 @ 16" O.C. T & B |

NOTE: REF. DETAIL 01/S3.12 FOR STIRRUP TYPES. TYPICAL STIRRUPS ARE TYPE S3 U.N.O.

NOTE: REFER TO DETAIL 04/S3.11 FOR TYPICAL REINFORCEMENT DETAIL.

01 FOUNDATION PLAN

1/8" = 1'-0"

| MULTI-ZONE DX SPLIT SYSTEM SCHEDULE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|------------------|-------------|------------|-------------|------------------|----|-----|------|---------|--------------------|--------------------|-----------------|------------------|-------------|------------------|------------------|----|------|------|---------|---------------------------------------|---------------|------|-----------|--------------|-------------------|--|
| MARK FCU- /HR- /CU- | ARRANGEMENT | UNIT CFM | O/A CFM | ESP (IN) | INDOOR UNIT | | | | | | HEAT RECOVERY UNIT | | | | CONDENSING UNIT | | | | | | FCU(EACH)/CU COOLING PERFORMANCE DATA | | | | | REMARKS | |
| | | | | | POWER CONNECTION | | | | UNIT WT | LG MODEL SERIES | # OF PORTS | LG MODEL SERIES | QUANTITY COMP | REF TYPE | QUANTITY FANS | POWER CONNECTION | | | | UNIT WT | LG MODEL SERIES | MIN CAP (MBH) | | AMB DB | MIN. SEER | | |
| | | | | | V | PH | MCA | MOCP | | | | | | | | V | PH | MCA | MOCP | | | TOTAL | SENS | | | | |
| 131,132,133,134,135,136/1/5 | CEILING CASSETTE | 250 | 25 | N/A | 208 | 1 | 0.2 | 15 | 35 | ARNU053 | 6 | PRH063A | 1 | R-410A | 2 | 208 | 1 | 25.4 | 40 | 260 LBS | ARUB060 | 6.1 | 5.5 | 105 | 17.0 | 1.2,3,4,5,6,7,8,9 | |
| 109,125,127/2/5 | CEILING CASSETTE | 250 | 25 | N/A | 208 | 1 | 0.2 | 15 | 35 | ARNU053 | 3 | PRH033A | | | | | | | | | | 6.1 | 5.5 | 105 | 17.0 | 1.2,3,4,5,6,7,8,9 | |

- REMARKS:
- CONDENSING UNIT SERVES MULTIPLE INDOOR UNITS.
 - SIZE, ROUTE, INSULATE AND PROVIDE APPURTENANCES FOR DX PIPING SYSTEMS, IN STRICT ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS.
 - LISTED CAPACITIES ARE FOR THE EACH FAN COIL UNIT. UNITS SHALL PERFORM TO LISTED CAPACITIES.
 - LG IS THE BASIS OF DESIGN. ACCEPTABLE MANUFACTURERS ARE: DAIKIN, MITSUBISHI, CARRIER.
 - SEER / EER. RATINGS ARE AT ARI CONDITIONS FOR CONDENSING UNIT ONLY.
 - PROVIDE FILTER DRYER AND SIGHT GLASS ON THE DX LINES.
 - PROVIDE INTEGRAL CONDENSATE PUMP AND DIRECT CONNECTION OUTDOOR AIR.
 - PROVIDE CENTRAL TOUCH-SCREEN CONTROL/DISPLAY UNIT FOR INDIVIDUAL UNIT CONTROL.
 - PROVIDE FACTORY PROGRAMMABLE THERMOSTAT 7-DAY, 2-EVENT.

| DX SPLIT SYSTEM WITH GAS HEAT SCHEDULE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|-------------|------------|-------------|-----|---|----|------|------|----------------|--------------|-----------------|--------|---------------|-----------------------|-------------|------------|-------|-----------|------|------------------|--------------------------|------|------|---------------|--------------|-----------------------|---------|---------------|------|-----------|----------|-------|-------------------------|
| MARK AHU- CU- | ARRANGEMENT | UNIT CFM | O/A CFM | ESP (IN) | HP | SEPARATED COMBUSTION GAS FURNACE WITH DX COIL | | | | | | CONDENSING UNIT | | | | | | | | | | COOLING PERFORMANCE DATA | | | | | | REMARKS | | | | | | |
| | | | | | | POWER CONNECTION | | | | ENTERING DB | INPUT MBH | OUTPUT MBH | STAGES | WEIGHT LBS | TRANE MODEL SERIES | COMP NO. | REF RLA | TYPE | COND FANS | | POWER CONNECTION | | | | WEIGHT LBS | MIN. SEER | TRANE MODEL SERIES | | MIN CAP (MBH) | | AMB DB | ENTERING | | TRANE MODEL SERIES |
| | | | | | | V | PH | MCA | MOCP | | | | | | | | | | NO. | FLA | V | PH | MCA | MOCP | | | | | TOTAL | SENS | | DB | WB | |
| 1 | HORIZONTAL | 600 | 90 | 0.6 | 1/2 | 120 | 1 | 7.9 | 15 | 60 | 40 | 14.5 | 2 | 150 | S9V2B | 1 | 9.0 | R410A | 1 | 0.6 | 208 | 1 | 12.0 | 20 | 175 | 14 | 4TTR4 | 17.8 | 14.2 | 105 | 78 | 65 | 4TXCB | 1,2,3,4,5,6,7,8,9,10,11 |
| 2 | HORIZONTAL | 1,000 | 150 | 0.6 | 1/2 | 120 | 1 | 7.9 | 15 | 60 | 40 | 28.9 | 2 | 150 | S9V2B | 1 | 9.0 | R410A | 1 | 0.77 | 208 | 3 | 12.0 | 20 | 200 | 14 | 4TTA4 | 34.0 | 25.0 | 105 | 79 | 66 | 4TXCB | 1,2,3,4,5,6,7,8,9,10,11 |
| 3 | HORIZONTAL | 1,600 | 240 | 0.6 | 3/4 | 120 | 1 | 10.8 | 15 | 60 | 60 | 38.6 | 2 | 150 | S9V2B | 1 | 13.8 | R410A | 1 | 1.05 | 208 | 3 | 18.0 | 30 | 200 | 14 | 4TTA4 | 43.0 | 38.0 | 105 | 77 | 65 | 4TXCB | 1,2,3,4,5,6,7,8,9,10,11 |
| 4 | HORIZONTAL | 800 | 200 | 0.6 | 1/2 | 120 | 1 | 7.9 | 15 | 60 | 40 | 19.3 | 2 | 150 | S9V2B | 1 | 10.1 | R410A | 1 | 0.9 | 208 | 1 | 14.0 | 20 | 175 | 14 | 4TTR4 | 19.1 | 12.2 | 105 | 80 | 68 | 4TXCB | 1,2,3,4,5,6,7,8,9,10,11 |

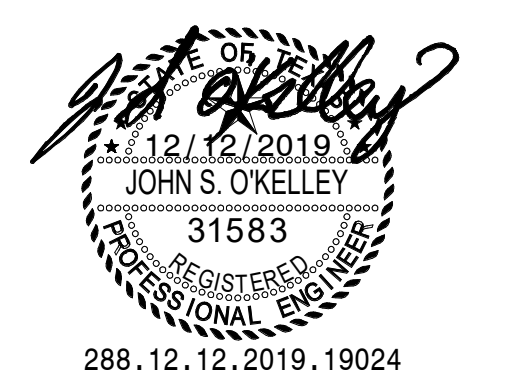
- REMARKS:
- FUEL FOR FURNACE SHALL BE NATURAL GAS.
 - EXTERNAL STATIC PRESSURE ("WG") INCLUDES DUCTWORK, BALANCING DAMPERS AND AIR DEVICES ONLY.
 - SIZE, ROUTE, INSULATE AND PROVIDE APPURTENANCES FOR DX PIPING SYSTEMS, IN STRICT ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS.
 - LISTED CAPACITIES ARE FOR THE AIR HANDLER UNIT AND CONDENSER UNIT COMBINATION. UNITS SHALL PERFORM TO LISTED CAPACITIES.
 - TRANE IS THE BASIS FOR DESIGN. ACCEPTABLE MANUFACTURER'S ARE: YORK, CARRIER, AAO. CONTRACTOR IS RESPONSIBLE FOR VARIATIONS FROM DESIGN BASIS IN FIT AND ELECTRICAL SERVICE.
 - SEER / EER RATINGS ARE AT ARI CONDITIONS FOR CONDENSING UNIT ONLY.
 - PROVIDE FILTER DRYER AND SIGHT GLASS ON THE DX LINES.
 - PROVIDE FILTER RACK, PLACE AND ORIENT FOR EASY FILTER ACCESS.
 - FOR LONG DX LINE RUNS, USE MANUFACTURER'S PUBLISHED LONG LINE INSTALLATION GUIDELINES.
 - PROVIDE WITH FACTORY, WALL MOUNTING, PROGRAMMABLE 7-DAY/2-EVENT THERMOSTAT.
 - MINIMUM 80-PERCENT EFFICIENCY (AFUE) ON GAS FURNACE.
 - PROVIDE WITH FACTORY CONCENTRIC VENT KIT.

| DX SPLIT SYSTEM SCHEDULE | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|-------------|-------------|------------|-------------|-----|---------|--------------------|------------------|-------------|------------------|------------------|-----|-----|------|---------|--------------------|------------------------------|------|-----------|----------|----|---------|--------------|----------------------------|
| MARK FCU- / CU- | ARRANGEMENT | UNIT CFM | O/A CFM | ESP (IN) | FLA | UNIT WT | INDOOR UNIT | | | | CONDENSING UNIT | | | | | | FCU COOLING PERFORMANCE DATA | | | | | REMARKS | | |
| | | | | | | | LG MODEL SERIES | QUANTITY COMP | REF TYPE | QUANTITY FANS | POWER CONNECTION | | | | UNIT WT | LG MODEL SERIES | MIN CAP (MBH) | | AMB DB | ENTERING | | | MIN. SEER | |
| | | | | | | | | | | | V | PH | MCA | MOCP | | | TOTAL | SENS | | DB | WB | | | |
| 6,7 | WALL MOUNT | 300 | -- | 0.1 | 0.2 | 20 LBS | LSN | | 1 | R-410A | 1 | 208 | 1 | 7.0 | 15 | 20 LBS | LSU | 12.0 | 10.0 | 105 | 75 | 62.5 | 17.0 | 1.2,3,4,5,6,7,8,9,10,11,12 |

- REMARKS:
- INDOOR UNIT IS POWERED THROUGH OUTDOOR UNIT CIRCUIT.
 - SIZE, ROUTE, INSULATE AND PROVIDE APPURTENANCES FOR DX PIPING SYSTEMS, IN STRICT ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS.
 - LISTED CAPACITIES ARE FOR THE AIR HANDLER UNIT AND CONDENSER UNIT COMBINATION. UNITS SHALL PERFORM TO LISTED CAPACITIES.
 - LG IS THE BASIS OF DESIGN. ACCEPTABLE MANUFACTURERS ARE: MITSUBISHI, FREIDRICH, DAIKIN, CARRIER.
 - SEER / EER. RATINGS ARE AT ARI CONDITIONS FOR CONDENSING UNIT ONLY.
 - PROVIDE FILTER DRYER AND SIGHT GLASS ON THE DX LINES.
 - PROVIDE LITTLE GIANT EC-OP-K CONDENSATE PUMP PACKAGE
 - PROVIDE FACTORY PROGRAMMABLE THERMOSTAT 7-DAY, 2-EVENT.
 - COORDINATE OUTDOOR UNIT MOUNTING REQUIREMENTS AND ROOF PENETRATIONS.
 - PROVIDE FACTORY CONDENSER COIL HAIL GUARDS
 - UNITS SHALL BE PROVIDED WITH TXV VALVES
 - FOR LONG DX RUNS, USE MANUFACTURER'S RECOMMENDED LONG LINE INSTALLATION GUIDELINES

| FAN SCHEDULE | | | | | | | | | | | | |
|--------------|--------------|-----------|-------|------------------|------------|-------|----|--------|--------------|--------|-------------------------------|-------------------|
| MARK EF- | TYPE | LOCATION | CFM | EXT. SP IN WG | MOTOR DATA | | | DRIVE | MAX SONES | WEIGHT | MANUFACTURER/ MODEL SERIES | REMARKS |
| | | | | | HP | VOLTS | PH | | | | | |
| 1,2,3 | CEILING | TOILET | 70 | 0.5 | 1/8 | 120 | 1 | DIRECT | 10.0 | 20 | LOREN-COOK/GC | 1,3,4,8 |
| 4 | CENTRAL FAN | APP BAY | - | - | 5 | 208 | 3 | - | 30.0 | 225 | PLYMOVENT/TEV | 1,2,8 |
| 5 | IN-LINE | MEZZANINE | 1,000 | 0.5 | 1/6 | 120 | 1 | DIRECT | 15.0 | 100 | LOREN COOK/SQND | 1,2,5,8 |
| 6 | IN-LINE | APP BAY | 4,500 | 1 | 2 | 208 | 3 | DIRECT | 15.0 | 120 | LOREN COOK/SQND | 1,2,8,8 |
| 7 | ROOF UPBLAST | ROOF | 925 | 1.2 | 1/2 | 208 | 1 | DIRECT | 15.0 | 100 | CAPTIVEAIRE | 1,7,9,10,11,12,13 |
| 8 | IN-LINE | GEAR ROOM | 300 | 0.5 | 1/6 | 120 | 1 | DIRECT | 10.0 | 50 | LOREN COOK/SQND | 1,2,5,8 |

- REMARKS:
- OR APPROVED EQUAL.
 - PROVIDE FACTORY MOUNTED HARDWARE FOR SUSPENSION FROM BUILDING STRUCTURE INCLUDING SPRING HANGER ISOLATORS.
 - PROVIDE CEILING FIRE DAMPER AND INTEGRAL METAL GRILLE.
 - INTERLOCK START-STOP WITH LIGHT SWITCH.
 - PROVIDE FACTORY 7-DAY TIMECLOCK FOR CONTINUOUS FAN OPERATION DURING OCCUPIED HOURS.
 - FAN RUNS CONTINUOUSLY.
 - PROVIDE WITH FACTORY ROOF CURB - BOTTOM SLOPED TO MATCH ROOF PITCH.
 - PROVIDE WITH INTEGRAL DISCONNECT, GRAVITY BACKDRAFT DAMPER, AND ALUMINUM BIRDSCREEN.
 - KITCHEN HOOD EXHAUST FAN. REFER TO CONTROLS DIAGRAM ON M6.02.
 - PROVIDE GREASE CAPTURE AND CONTAINMENT SYSTEM.
 - PROVIDE WITH COMBINATION STARTER/DISCONNECT WITH NEMA 3R ENCLOSURE.
 - PROVIDE WITH MOTORIZED BACKDRAFT DAMPER.
 - FAN SHALL BE UL705 AND UL762 RATED.



288.12.12.2019.19024



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|----------|-------------|-----|-------------|-----------|
| 12/12/19 | Addendum 02 | No. | Description | REVISIONS |
| 12/10/19 | Addendum 01 | 1 | | |

KOMATSU
ARCHITECTURE

ISSUE FOR CONSTRUCTION

MANSFIELD FIRE STATION NO. 5

4444 National Parkway
Mansfield, Texas 76063

HVAC SCHEDULES

| | |
|-------------|--------------|
| SHEET SIZE: | 22 x 34 |
| JOB NO: | 2016.166 |
| DATE: | 11/19/2019 |
| SHEET: | M0.02 |