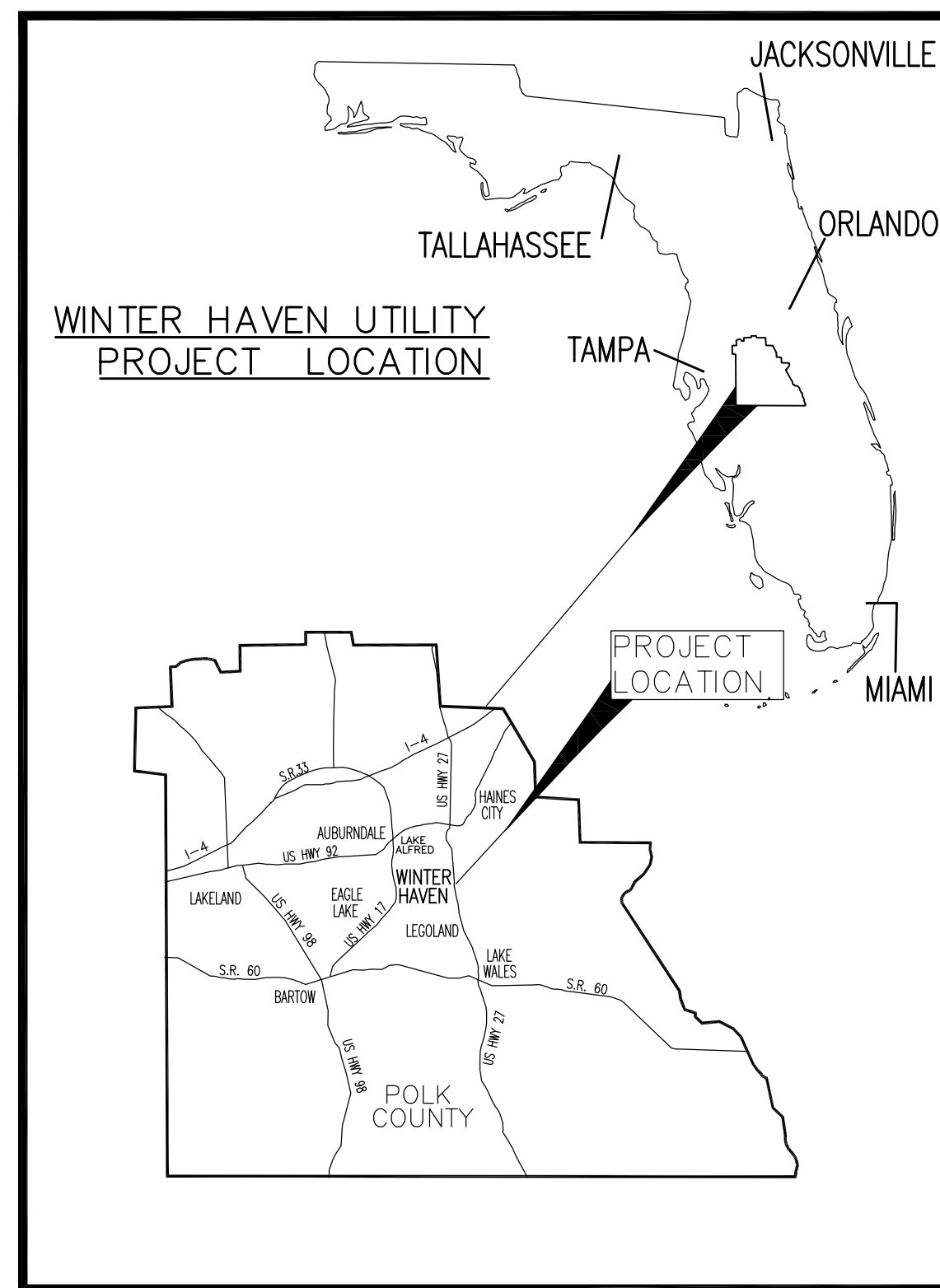


# CITY OF WINTER HAVEN

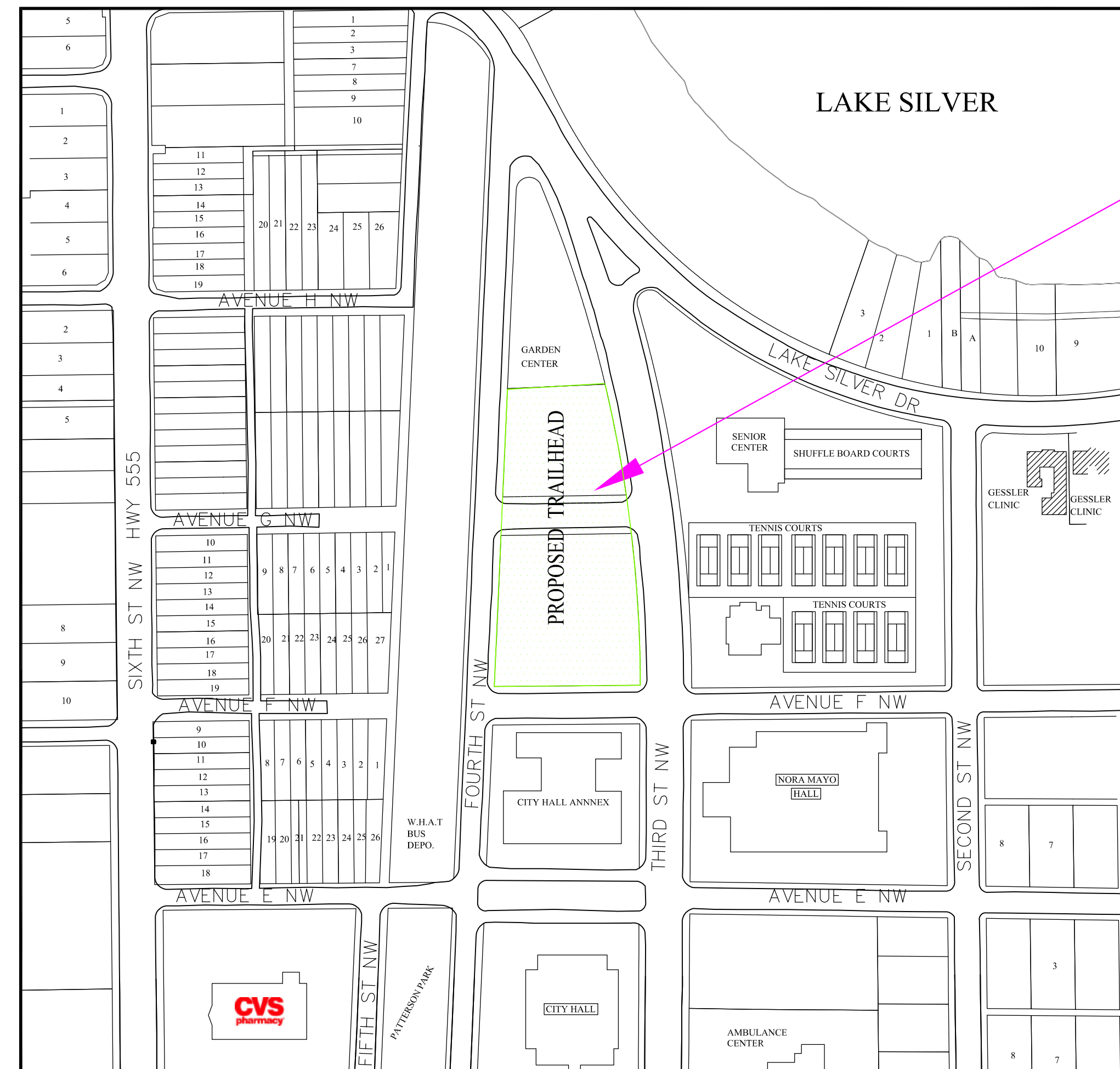
## CHAIN OF LAKES DOWNTOWN TRAIL HEAD RESTROOM

### DRAWING INDEX

SHT No.	DESCRIPTION
1.	COVER SHEET
2.	LAYOUT PLAN
3.	RESTROOM DETAILS

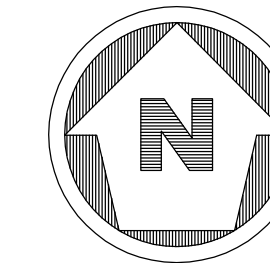


**LOCATION MAP**  
N.T.S.



**PROJECT LOCATION MAP**  
N.T.S.

PROJECT LOCATION



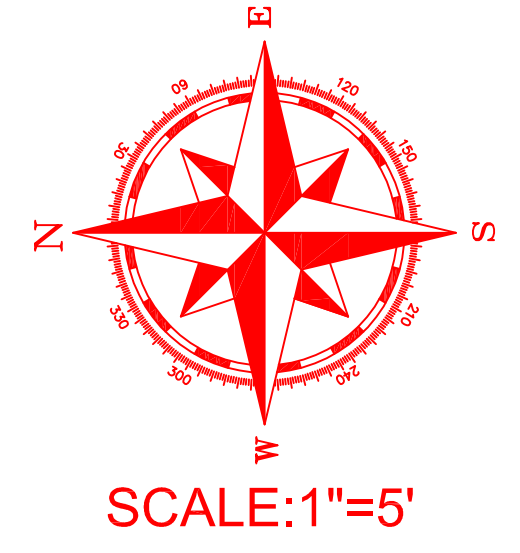
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Layout: COVER  
Jun 21, 2011, 3:53pm

490 3rd STREET N.W.  
WINTER HAVEN, FL 33881  
PHONE: 863/291-5850  
FAX: 863/291-5211



ENGINEERING SERVICES DIVISION

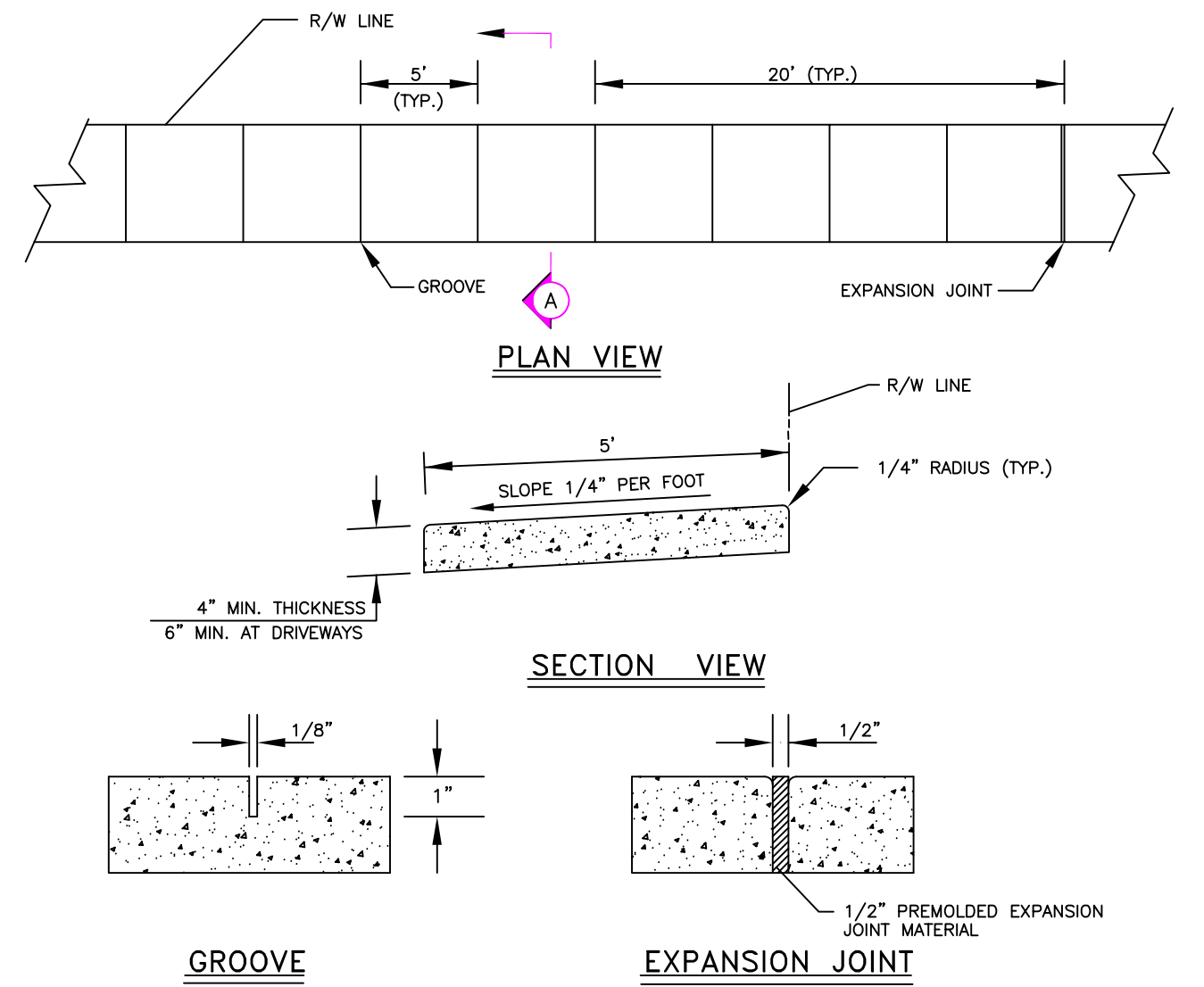
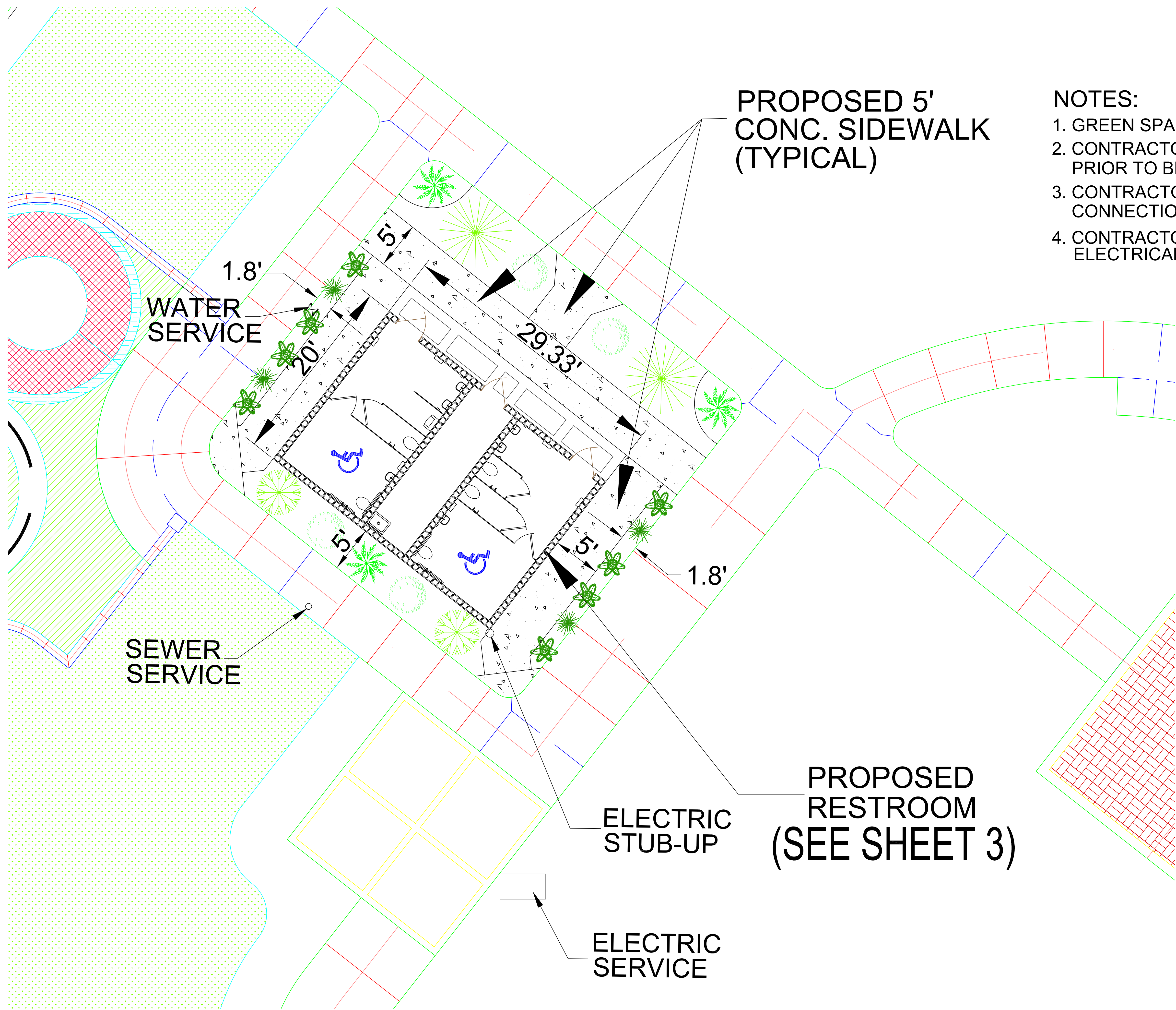
PROJECT No.: 11-064-IH DATE: JUNE, 2011



**PROPOSED 5' CONC. SIDEWALK (TYPICAL)**

**NOTES:**

1. GREEN SPACE BY OTHERS
2. CONTRACTOR TO VERIFY UTILITY CONNECTIONS PRIOR TO BEID.
3. CONTRACTOR TO MAKE WATER, AND SEWER CONNECTIONS.
4. CONTRACTOR TO WIRE RESTROOM FROM ELECTRICAL BOX.



**NOTES:**

1. REFER TO THE PAVING, GRADING AND DRAINAGE SHEETS FOR SIDEWALK ELEVATIONS.
2. ALL CONCRETE TO BE 3000 PSI FIBERMESH REINFORCED CONCRETE
3. PLACED ON A SUB-BASE COMPACTED TO 95% OF MAX. DENSITY
4. SIDEWALKS WITHIN LIMITS OF DRIVEWAYS SHALL BE 6" THICK

**CONCRETE SIDEWALK DETAIL**

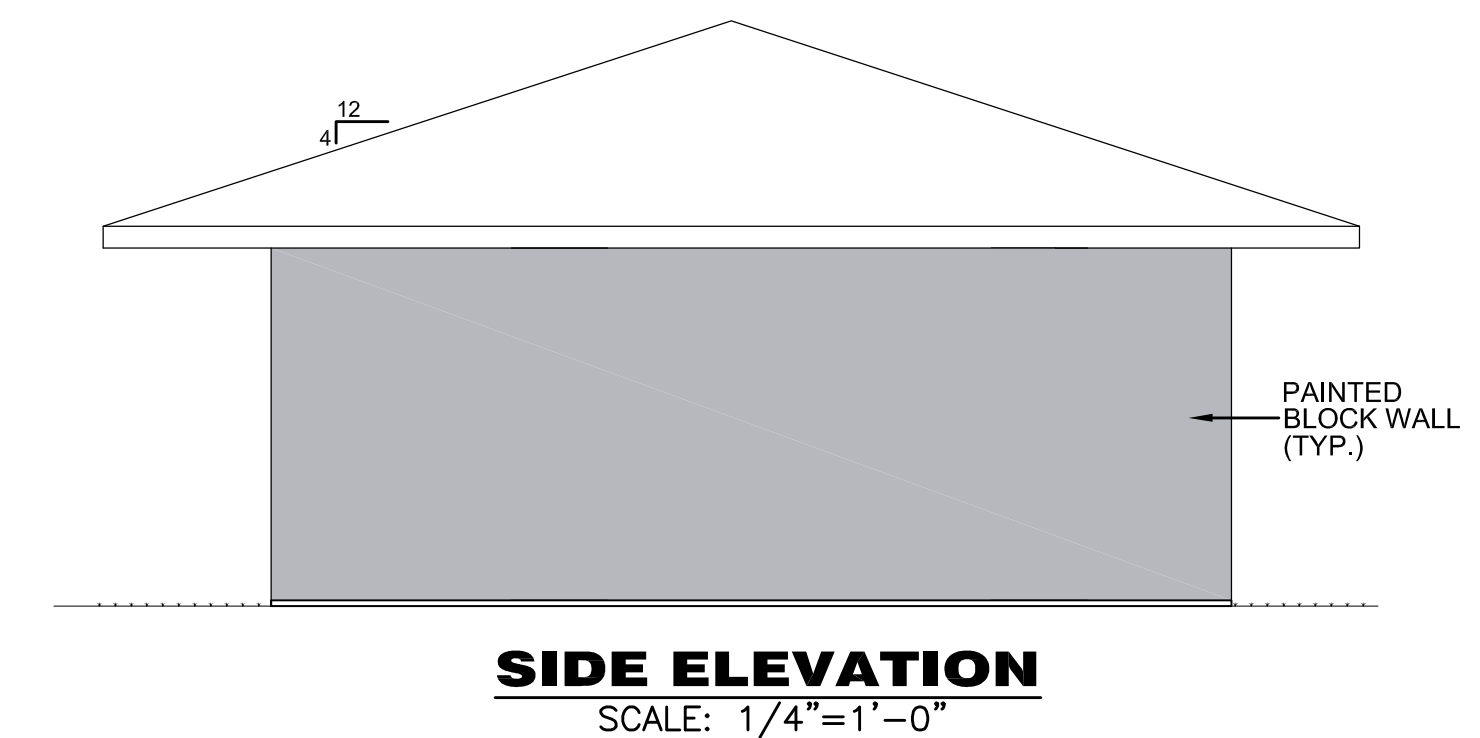
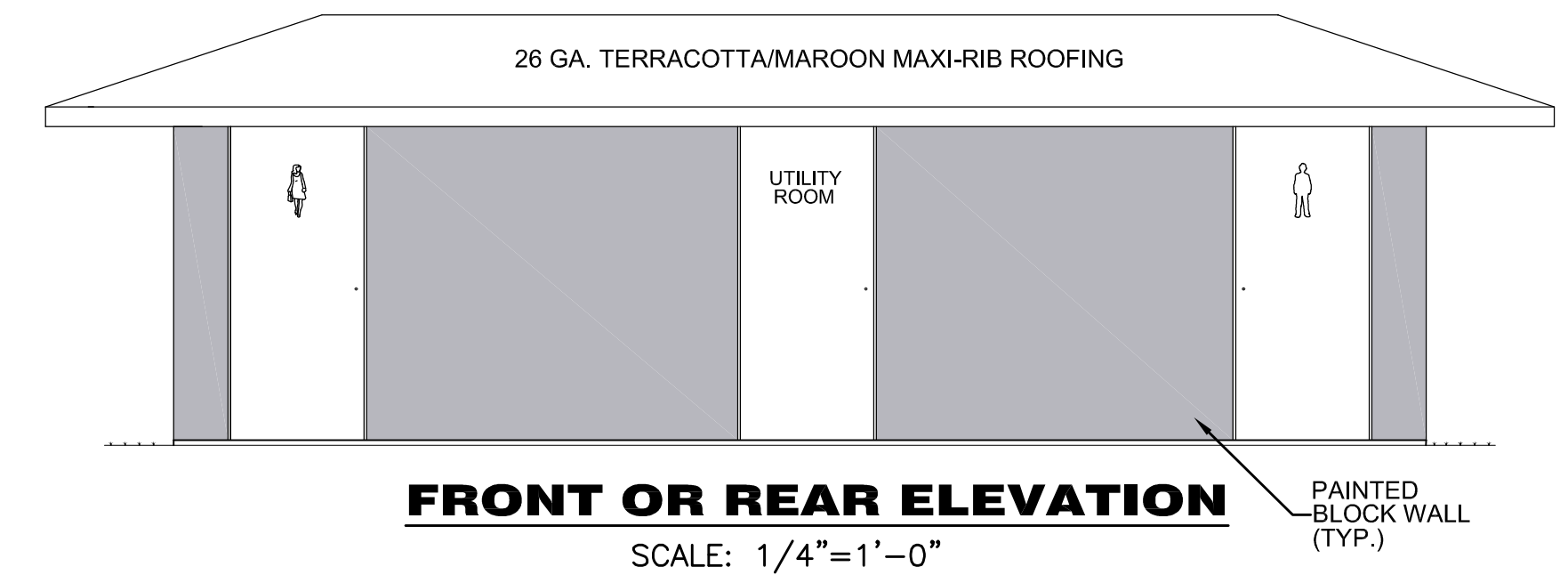
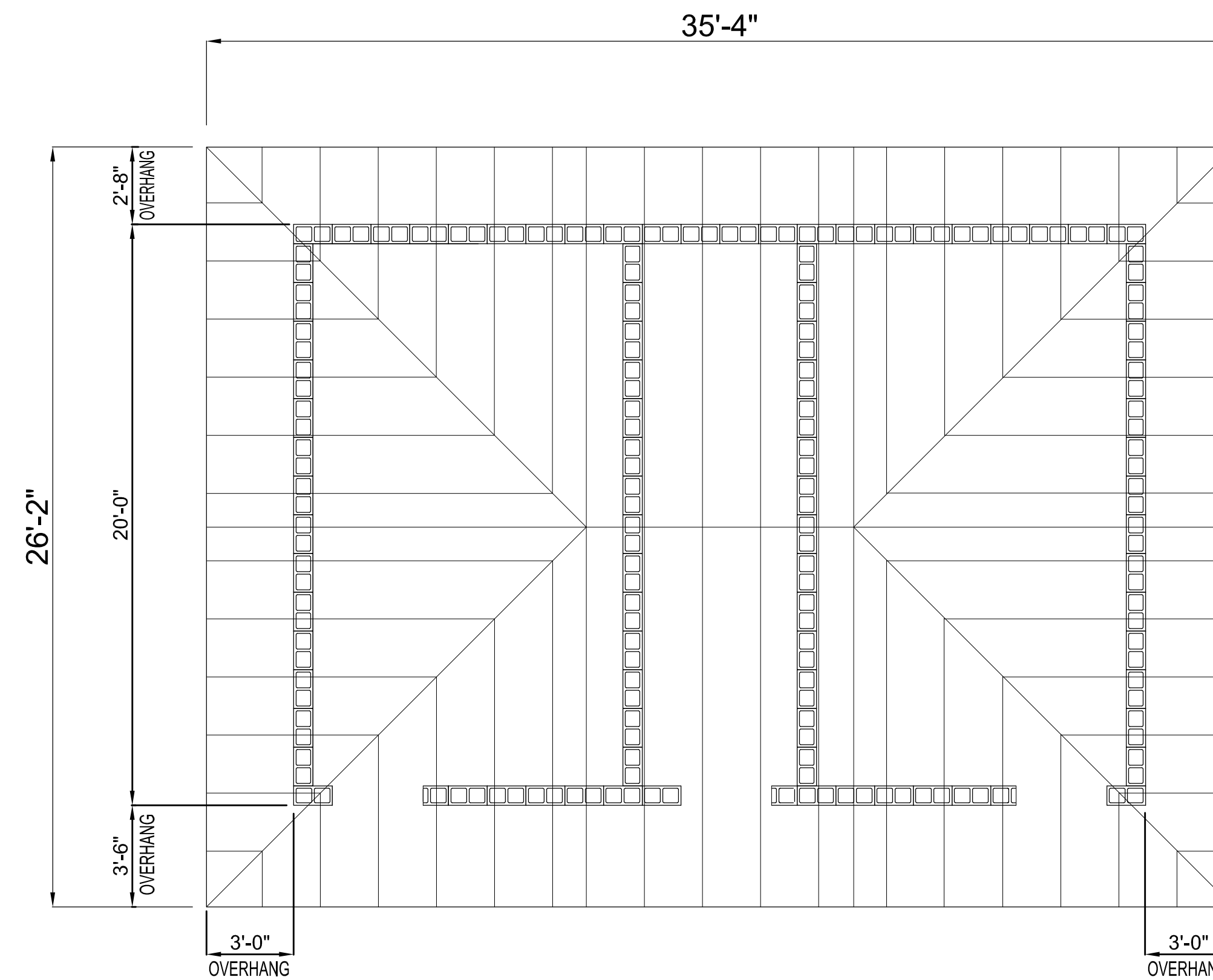
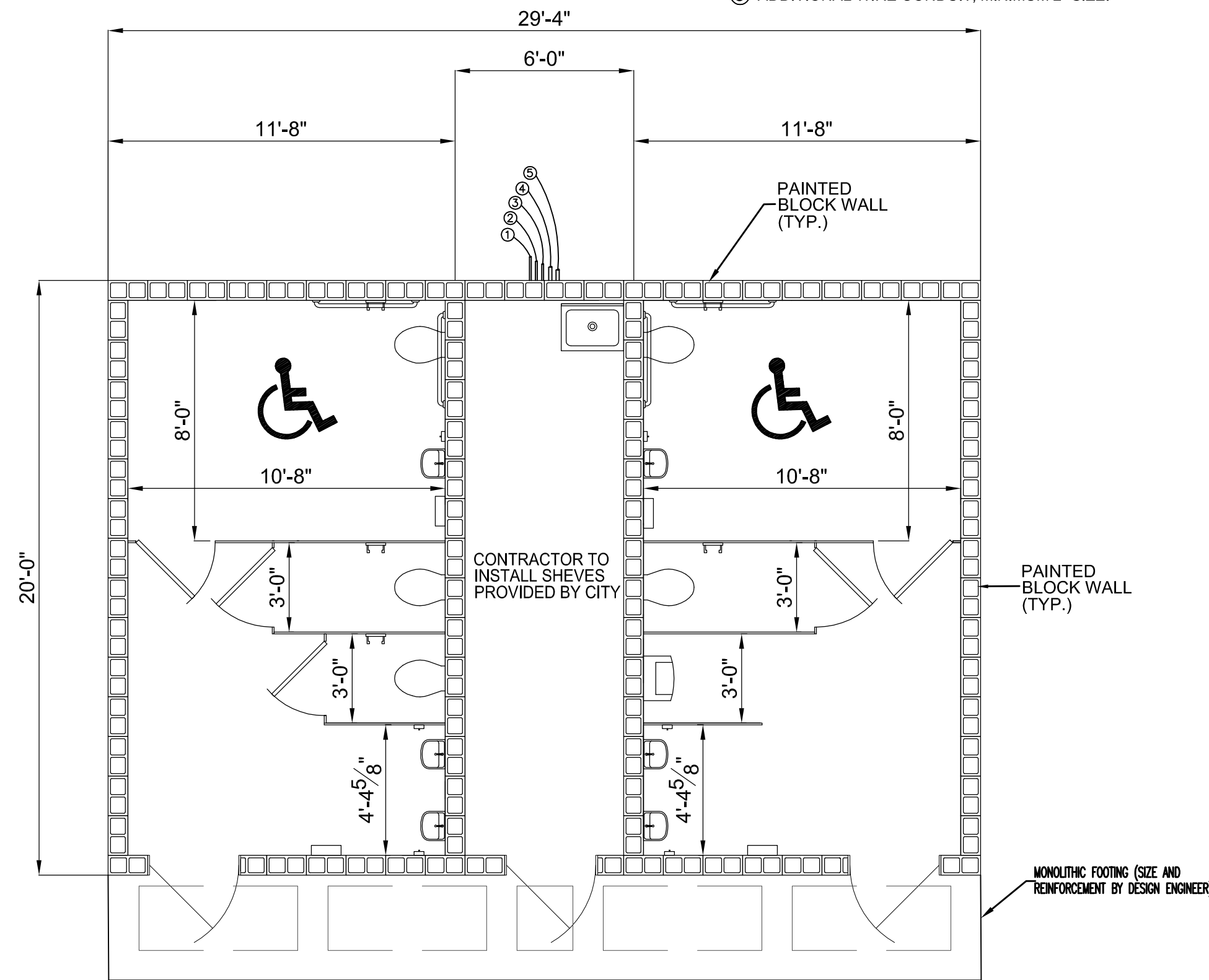
DESIGNED	A.P.	
DRAWN	J.A.C.	
CHECKED		
APPROVED		
PROJECT NO.	11-064-IH	NO.
DATE	JUNE, 2011	
<b>ENGINEERING SERVICES DIVISION</b> 490 THIRD STREET, N.W., WINTER HAVEN, FLA. 33881 (863) 291-5850		
CITY OF WINTER HAVEN CHAIN OF LAKES DOWNTOWN RESTROOM		
<b>RESTROOM LAYOUT</b>		
SHEET NO.		
<b>2</b>		

Drawing: F:\Engineering Drawings\In Progress\2010-2011 FISCAL YEAR\11-064-IH TRAILHEAD RESTROOM\BASE DRAWING.dwg  
 Layout: PROPOSED RESTROOM  
 Jun 22, 2011, 3:43pm

**CONDUIT NOTES:**

1. STUB ELECTRICAL CONDUIT ALONG INSIDE OF WALL TO A HEIGHT OF 48" ABOVE FINISH ELEVATION OF FLOOR.
2. STUB ELECTRICAL CONDUIT A MINIMUM 24" OUTSIDE BUILDING. ENSURE 24" PAST THE FOUNDATION OF BUILDING.
3. CAP ALL OPEN ENDS OF CONDUIT AND IDENTIFY LOCATION IN A WAY TO BE LOCATED WITH METAL DETECTOR.

- ① 3/4" POWER SUPPLY CONDUIT J-BOX INSIDE CONTROLLER. CONNECT PER LOCAL CODE.
- ② SUPPLEMENTAL GROUND WIRE. INSTALL PER ASIC GUIDELINES.
- ③ CONDUIT FOR GCBL COMMUNICATION/SENSOR WIRE
- ④ DECODER WIRE CONDUIT, MINIMUM 2-1/2" SIZE.
- ⑤ ADDITIONAL WIRE CONDUIT, MINIMUM 2" SIZE.



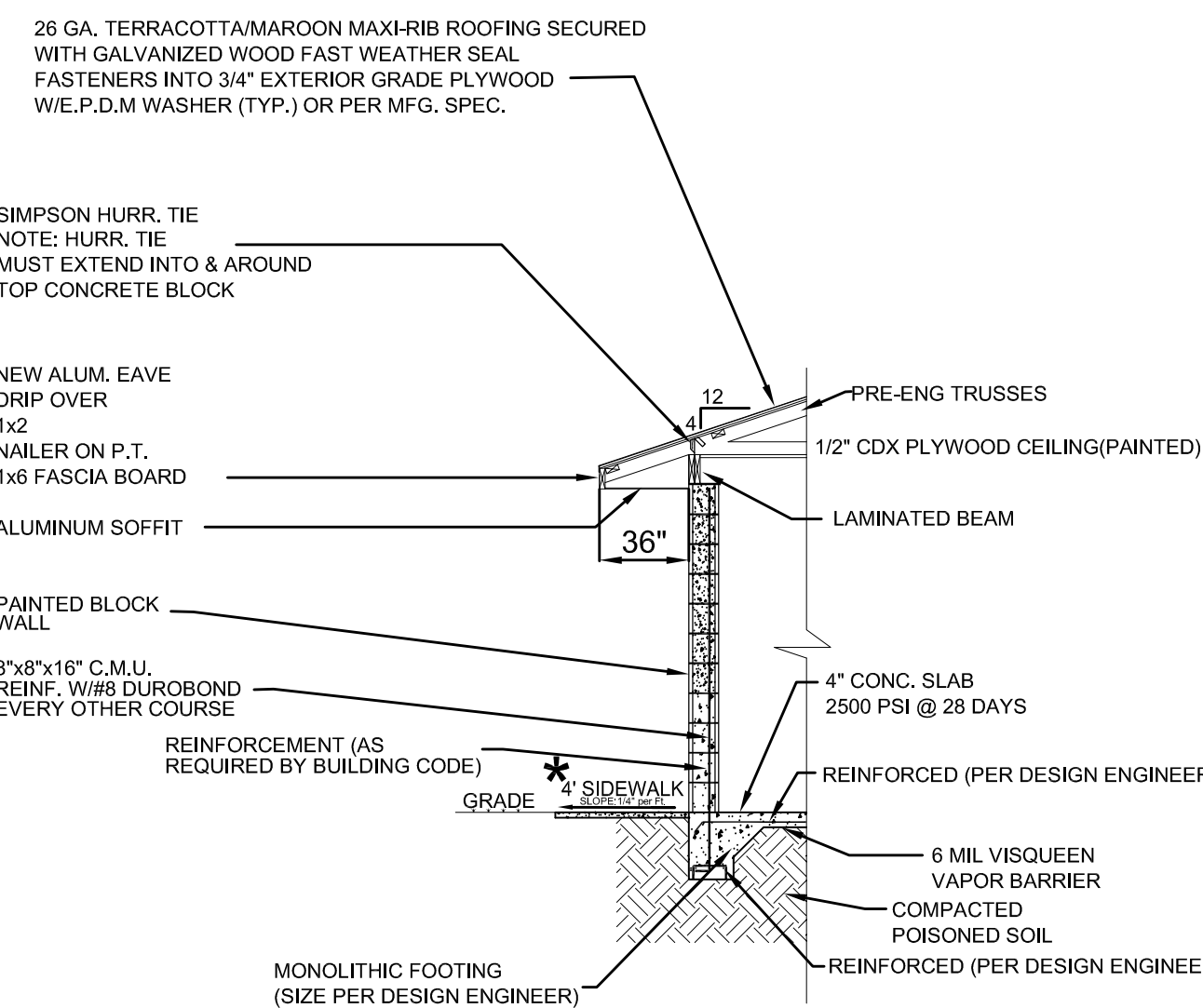
**GENERAL STRUCTURAL NOTES:**

1. ALL CONSTRUCTION WORK SHALL BE DONE IN ACCORDANCE WITH ALL STATE & LOCAL CODES.
2. ALL OR ANY PLUMBING, ELECTRICAL OR GAS LINES IN THE PATH OF CONSTRUCTION TO BE HANDLED IN ACCORDANCE WITH STATE & LOCAL CODES.
3. ALL VEGETATION AND ORGANIC MATTER SHALL BE REMOVED PRIOR TO PLACING FILL. FOUNDATION SHALL BEAR ON CLEAN FILL COMPACTED IN LAYERS OF NOT MORE THAN 12" IN DEPTH.
4. FOOTINGS SHALL BE DESIGNED FOR A SOIL BEARING PRESSURE OF 1500 PSF (MAX)
5. CONCRETE SHALL HAVE A SLUMP OF 5" MAX AND A MIN. COMPRESSIVE STRENGTH IN 28 DAYS AS FOLLOWS:  
FOUNDATIONS AND SLAB ON GRADE 2500 PSI  
COLUMNS AND BEAMS 3000 PSI  
CONCRETE COVER FOR ALL REINFORCEMENT STEEL SHALL BE AS FOLLOWS:  
FOUNDATIONS 3 INCHES  
COLUMNS 3 INCHES  
SLABS ON FILL W.W.F. AT CENTER OF SLAB
6. REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M. A615 SPECIFICATIONS AND GRADE 60 SPECS. WITH A MIN. YIELD STRENGTH OF 60,000 P.S.I.
7. WELDED WIRE FABRIC (W.W.F. OR W.W.M.) SHALL CONFORM TO A.S.T.M. A-105.
8. CONCRETE MASONRY UNITS SHALL BE LOAD BEARING TYPE CONFORMING TO A.S.T.M. C-90. MORTAR SHALL CONFORM TO A.S.T.M. C-270 TYPE M.
9. ALL STRUCTURAL LUMBER SHALL HAVE A MIN. BENDING STRESS RATING, fb= 1200 P.S.I. MIN. UNLESS OTHERWISE SPECIFIED.
10. ALL ROOF JOIST, TRUSSES, OUTLOOKERS, BEAMS AND GIRDERS SHALL BE SECURED WITH APPROVED METAL TIES, CLIPS AND ANCHORS TO THE BEAMS OR BEARING PARTITIONS.
11. ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.
12. USE GALVANIZED NAILS ONLY FOR EXTERIOR WOOD WORK.

**NOTE:**

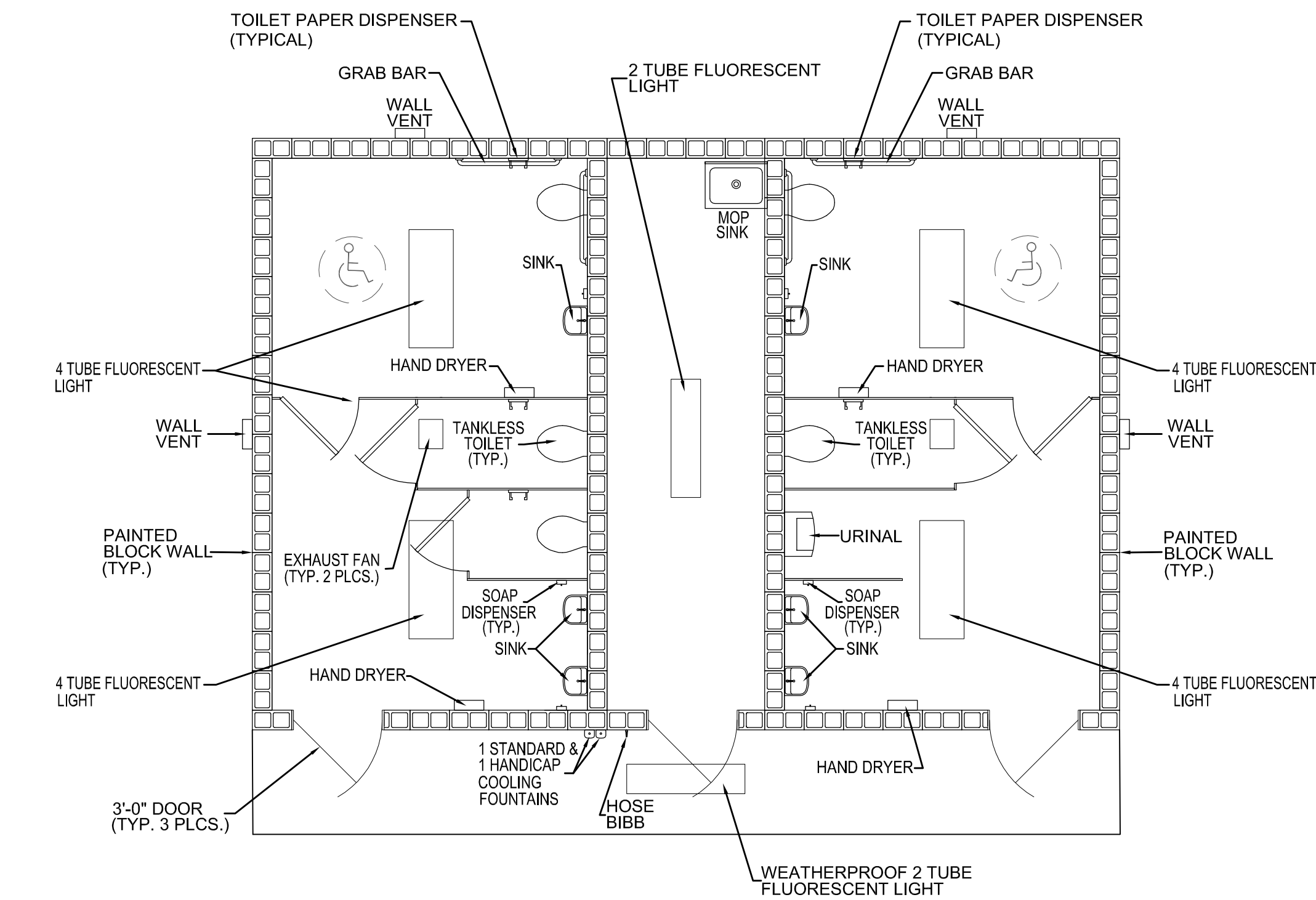
1. THE PURPOSE OF THIS DRAWING IS TO SHOW DIMENSIONS AND STYLE OF RESTROOM REQUIRED. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ARCHITECTURAL/ENGINEERING DRAWINGS AND ACQUIRING THE REQUIRED BUILDING PERMIT FROM THE CITY OF WINTER HAVEN BUILDING DIVISION.

2. \* SLOPE SHOWN IS FOR SIDEWALK ONLY. SLOPE OF THE SLAB IS TO BE DETERMINED BY THE ARCHITECT/ENGINEER DESIGNING THE RESTROOM BUILDING.



**FOUNDATION NOTES:**

1. 4" CONCRETE SLAB REINFORCED W/ W.W.M. OVER 6 MILL VAPOR BARRIER. SLAB SHALL BE SLOPED FOR PROPER DRAINAGE.
2. CONCRETE SLAB TO ACHIEVE MINIMUM COMPRESSIVE STRENGTH OF 2500 P.S.I. WITHIN 28 DAYS AFTER POUR.
3. SOIL UNDER SLAB TO BE POISONED AND TAMPED TO MEET ALL COMPACTION REQUIREMENTS.
4. ALL CORNERS TO HAVE VERTICAL REINFORCEMENT W/ROD TIED TO FOOTING AND TIE BEAM & VERTICAL REBAR IN ALL CONCRETE FILLED CELLS.
5. ALL CELLS TO BE FILLED WITH CONCRETE.



**NOTES:**

1. RESTROOM DOORS TO INCLUDE ELECTRIC TIMER SYSTEM.
2. RESTROOM TO INCLUDE EXHAUST FANS.
3. LIGHTS AND EXHAUST FANS TO BE WIRED TO MOTION SENSOR TO BE LOCATED ON THE CEILING.
4. ALL DOORS TO INCLUDE DEAD BOLTS.
5. FLOORS TO INCLUDE FLOOR DRAINS - (2 EACH).
6. FLOORS TO INCLUDE PAINTED EPOXY.
7. FRONT AND REAR WALLS TO INCLUDE "WALL LIGHT PACKS" ON PHOTO CELL.
8. EACH RESTROOM TO INCLUDE A BABY CHANGING STATION.
9. ALL FIXTURES TO BE VANDAL RESISTANT.
10. ALL TOILET FIXTURES SHALL BE SLOAN VALVE FLUSH TANKLESS TOILETS.
11. FAUCETS ARE TO BE DELTA BRAND PUSH BUTTON COMMERCIAL FAUCETS OR EQUIVALENT.
12. METER CAN ASSEMBLY IS TO COME WITH RESTROOM ELECTRICITY IF NEEDED.
13. FASCIA AND VENTED SOFFIT ARE TO BE ALUMINUM.
14. THE RESTROOM SHALL INCLUDE FOUR COMMERCIAL PUSH BUTTON HAND DRYERS - GRAINGER PUSH BUTTON COMMERCIAL HAND DRYER (115 V, 20 A) OR EQUIVALENT.