



## Court Construction Checklist WSF Fiberesin Singles

1. Schedule must be confirmed or postponed a minimum of 3 weeks prior to the scheduled installation to prevent storage fees for the materials .
2. Court area must be enclosed and the space conditioned weeks prior to court playing surface construction begins . Concrete slabs must be in place a minimum of 60 days prior to court installation and General contractor must perform RH testing compliant to ASTM F2170-09 30 days minimum prior to the installation . RH must be 85% or less . If moisture content is greater than 85% a second test should be performed to verify the moisture content is dropping . Moisture damage is the leading problem with court materials and the building must be dry . Court areas must be climate controlled with temperatures between 50 - 80° F and 40 - 60% relative humidity through receipt of materials , installation , storage , and thereafter. Note : All downspouts must be connected to the permanent drains .
3. Courts should be cleaned out and empty of all other contractors materials and equipment.
4. Courts are used for storage and staging of wall materials with additional clean storage area necessary, located as close as possible to the courts.
5. Storage for court flooring requires a minimum of 100 sq. ft. per court.
6. Glass must be stored out of harms way and stacked upright against a wall.
7. Courts must be accessible to material in-loading. Many of our materials are extremely heavy and easily damaged during handling prior to installation.
8. Electrically, both 115V and 220V, should be available within 100' of courts.
9. Permanent lighting should be installed and operational . Poor lighting during installation yields poor appearance to court finishes .
10. Out of play areas above the court should be complete.
11. Contractors will benefit if all work above and behind courts is complete before Anderson Courts personnel arrive so that work, except touch-up, need not be done over finished surfaces. The exception being the finish flooring and associated base trim / thresholds behind the courts . Maple floors are coarse sanded and left unfinished. Game lines are painted and require three (3) days to dry.
12. Checking your rough work and that of your subcontractors for compliance to specifications prior to Anderson Courts arrival will avoid costly delays and reconstruction.
13. Measure width of court at floor, 4' AFF and 8' AFF at back wall, head wall and 8' increments in between front and back. Finish width dimension for International squash should be 21' - 0", plus the thickness of court finish materials with a tolerance of  $\pm 1/4"$ .

### International Squash

1 1/8" Fiberesin - 21' 3 3/4"  $\pm 1/4"$  Stud to Stud 21' 2 1/2" Plywood to Plywood

14. Check all walls for plumb - especially important are glass wall/side wall, side wall/head wall junctions tolerance is  $\pm 1/8"$  in 10' vertically.
15. Check side walls, back wall and head wall to make sure they run true their entire length with no substantial deviations. Tolerance and deviation is  $\pm 1/8"$  in 10' horizontally.
16. Check stud layouts. Check centers, spacing, blocking location, stud gauges, wall stiffener and bracing to make sure it is adequate for the job and as specified.
17. Check length of court from rough head wall to rough back wall. For glass back walls these numbers are for the center line of solid blocking for the anchoring of our glass attachment angle . Tolerance is  $\pm 1/4"$  .



International Squash

Glass backs

1 1/2" Fibersin Headwall      32' 3 7/8"  $\pm$  1/4" From Studs      32' 3 1/4"  $\pm$  1/4" From Plywood

18. Check floor length from Headwall studs to change in concrete elevation for recessed slab applications
19. Check rough openings for door in solid back wall applications. Fibersin doors are only available in one size and have a solid frame on all four (4) sides. The door is flush to the inside surface of the frame. Wall materials butt into this frame leaving a flush back wall . Extension jambs are not included .
20. Glass Lead Times are as much as 8 weeks . Tempered Glass can not be modified after manufacture . Please confirm your openings and the frame design as soon as possible . Extension jambs are not included .
21. Check sub-floors for level. The specification is very demanding for  $\pm$  1/8" in a 10' radius. If there are multiple courts adjacent to each other that have glass backs , recessed slabs , or other design features to visibly align them they may need to be considered as a group . This is not standard and may result in extra charges .
22. Check court height based on the bench mark established while checking the floors. Door clearances at the floor are very tight and the elevation chosen must allow for this. International court height at head wall is 15'0" plus the floor thickness adjusted for bench mark elevation. The court height at the back wall is 7'0" plus the floor thickness adjusted to the same benchmark elevation. The out of bounds redline extends 2" above these heights.
23. Check floor area immediately behind court to check for suitability of anchoring glass walls. Floor should be a minimum of 4" thick and free of conduits and reinforcing and a minimum of 4000 PSI concrete capable of holding anchor torques to 55 ft. lbs. Concrete must be suitable across the entire width of the court and from 31'6" to 33'6" from the rough head wall for International Squash . Light weight concrete, cinderfill, wood framing and other low density materials are not sufficient.
24. Finish materials above the court cannot protrude past the playing surface.
25. Netting : in facilities with netting it is the responsibility of the general Contractor to Install the necessary blocking and hooks needed for net tensioning . This work is to be completed before Anderson Courts mobilizes . Check that blocking and support hooks are properly installed . Wall cap should be installed and painted with 1 side of the net attachment battens pre-attached . The other side should be on site , painted , and ready for installation by our team . Please note – full size nets often have a diagonal splice .
26. Color : Headwall Color \_\_\_\_\_  
Sidewalls Color \_\_\_\_\_  
Outlines Color \_\_\_\_\_ Note : color limited to Type 471 Tape Colors



### Squash Court Preparedness Checklist

#### **General Conditions**

- ◆ Structure must be weather tight and thoroughly dry. Moisture and excess humidity void all warranties so all water proofing and vapor barriers must be in place prior to finishes . This includes downspouts and exterior grading/drainage .
- ◆ All work overhead and immediately behind the courts , excluding the finished flooring and associated base molding , should be complete (framing, insulation, sprinklers , drywall, lighting, painting). Permanent Lighting must be installed – temporary lighting is not acceptable .
- ◆ The permanent HVAC system must be operational and used to maintain 55 - 80° F and 40 - 60% relative humidity, starting a minimum of 2 weeks prior to material receipt and maintained through storage, installation and thereafter.
- ◆ General conditions, specifications and tolerances must be verified by the General Contractor prior to mobilizing the court installation crew . This includes measuring all courts to insure they are the correct size , per our submittals , all corners are square , and all walls are plumb and true to within 1/8” in 10’ for both horizontal and vertical planes.
- ◆ Schedule must be confirmed or postponed a minimum of 3 weeks prior to the scheduled installation to prevent storage fees for the materials .
- ◆ General Contractor to confirm materials can be safely loaded in without damage .

#### **Floors**

- ◆ Confirm the Subfloors provided are a steel troweled concrete slab and meet a tolerance of  $\pm 1/8$ ” in a 10’ radius.
- ◆ Confirm the recess , if applicable , equals the finished height of our 3” floor minus whatever your gallery finishes are to be .
- ◆ Slab must be in place a minimum of 60 days prior to flooring installation. General contractor should perform RH testing to confirm compliance to ASTM F2170-09 30 days prior to the installation .
- ◆ Floor shall be turned over to Installing Contractor in a broomed clean condition for inspection and acceptance.
- ◆ Confirm a 220 Volt 30 Amp breaker/receptacle is available within 100’ of the courts .
- ◆ All work required to put the concrete slab or sub floor in an acceptable condition shall be the responsibility of the General Contractor.

#### **Walls**

- ◆ Confirm the Substrate for wall finishes is built to a tolerance of  $\pm 1/8$ ” in 10’ of plumb and straight .
- ◆ Framing for panel and wood systems shall be of sufficient dimension, gauge and centers to attain the best playability characteristics. Furring channels, lateral stiffeners and/or 1/4 point attachments may be used to achieve suitable framing characteristics. Confirm all blocking for net and glass attachment are installed correctly .
- ◆ All work required to put the framing or wall substrate in an acceptable condition shall be the responsibility of the General Contractor.

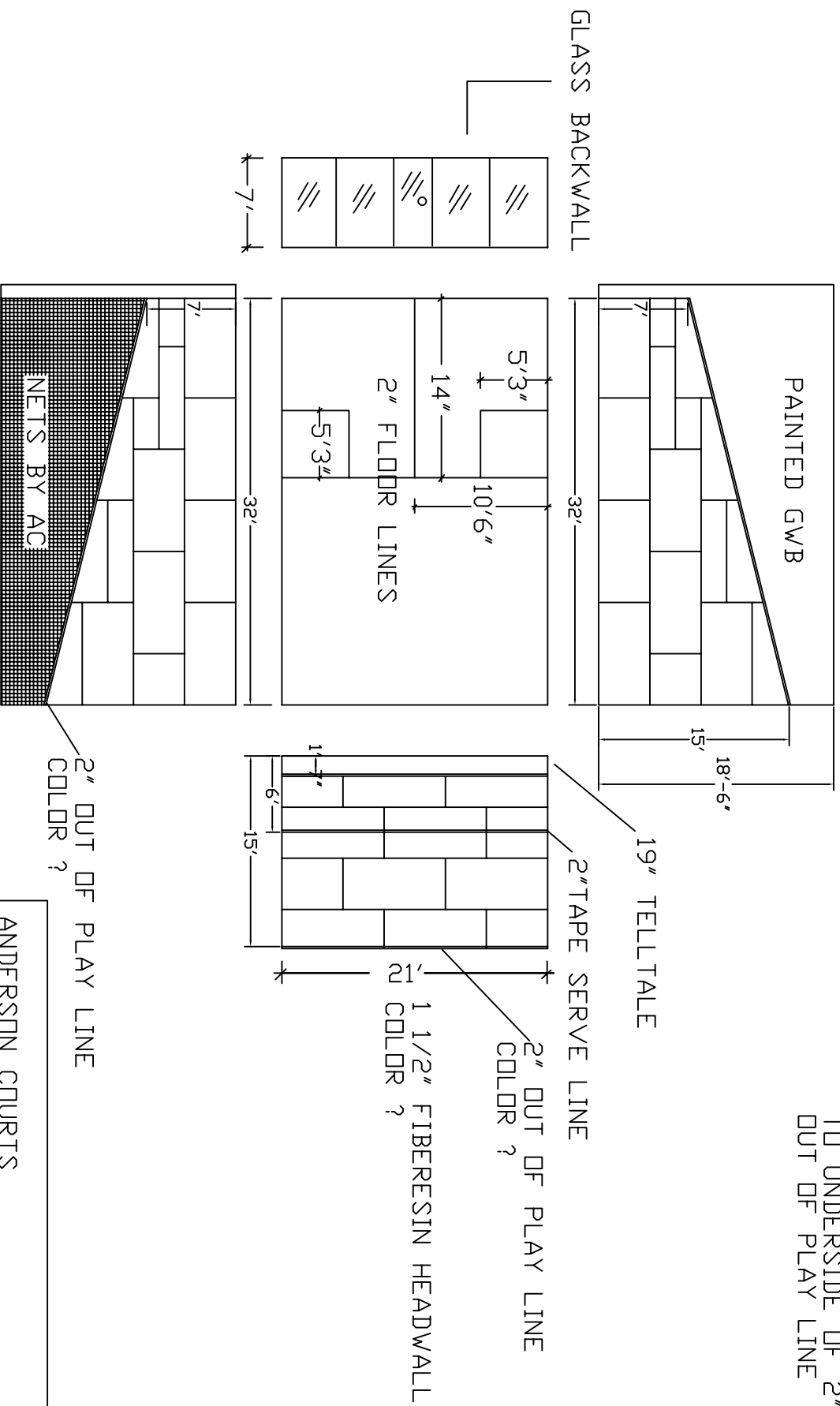
#### **Glass**

- ◆ Confirm concrete floors are within a tolerance of  $\pm 1/8$ ” in 10’ along glass line ; walls shall be within a tolerance of  $\pm 1/8$ ” in 10’ of plumb at glass wall junction.
- ◆ Minimum of 4” concrete depth free of reinforcing rods and buried utilities, or inset steel plates as required for glass back anchoring. Side wall junctions to be solid filled block for channel inset or studs with backer blocking as required.
- ◆ Concrete slabs or steel plates must be capable of holding 3500# tension and have a minimum compression strength of 4000 PSI with anchor torques to 55 ft-lbs.

General Contractor \_\_\_\_\_ Date \_\_\_\_\_

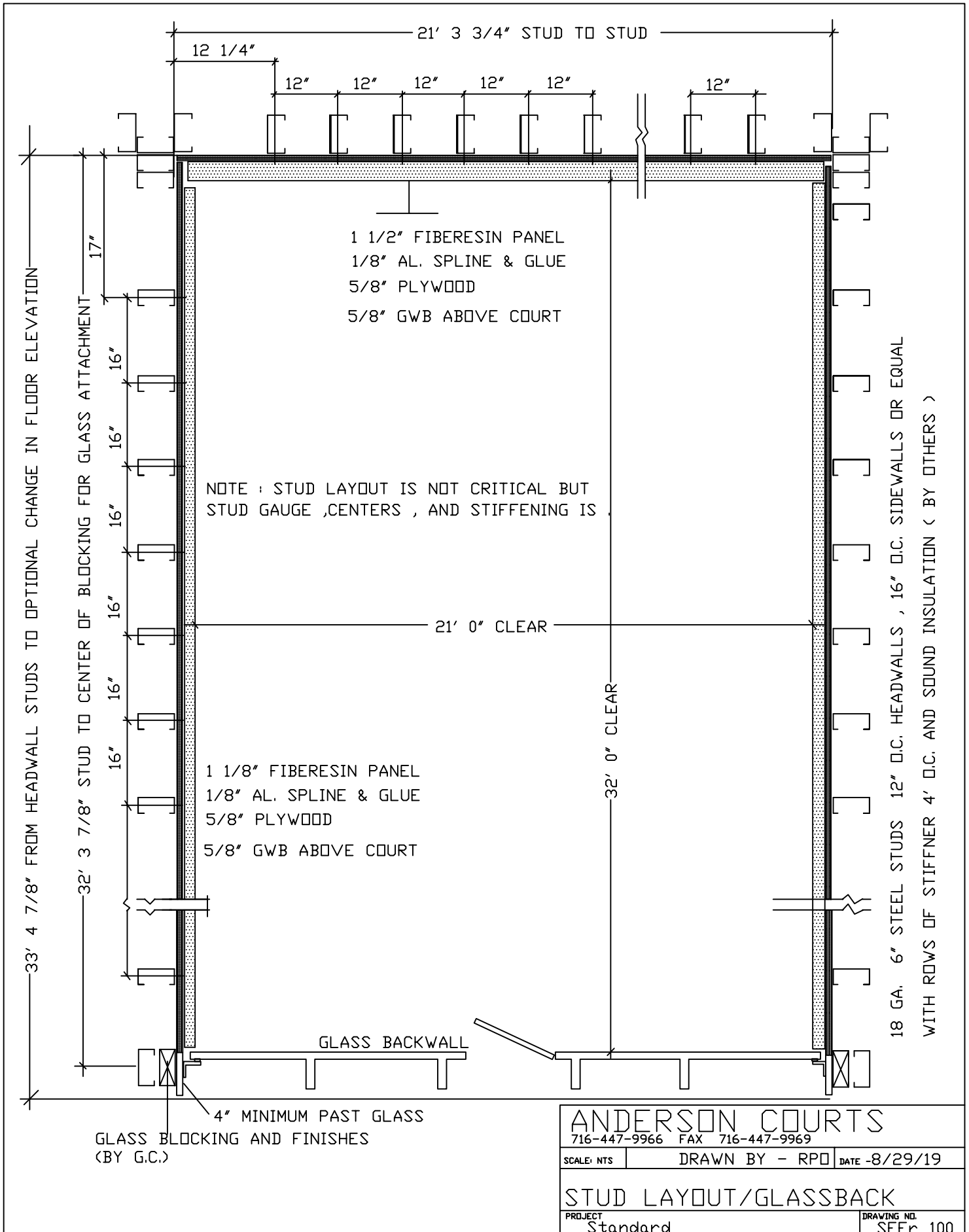
1 1/8" FIBERESIN SIDEWALL PANEL  
 COLOR ?

NOTE- PANEL HEIGHT DIMENSIONS  
 ARE FROM FINISHED FLOOR  
 TO UNDERSIDE OF 2"  
 OUT OF PLAY LINE



# COURT 101C

ANDERSON COURTS		8/29/19	
716-447-9966 FAX 716-447-9969			
SCALE- NTS	DRAWN BY- RPD	DATE-	
COURT PLAN AND ELEVATIONS			
PROJECT-	DRAWING NO-		SF 100
Standard			



1 1/2" FIBERESIN PANEL  
 1/8" AL. SPLINE & GLUE  
 5/8" PLYWOOD  
 5/8" GWB ABOVE COURT

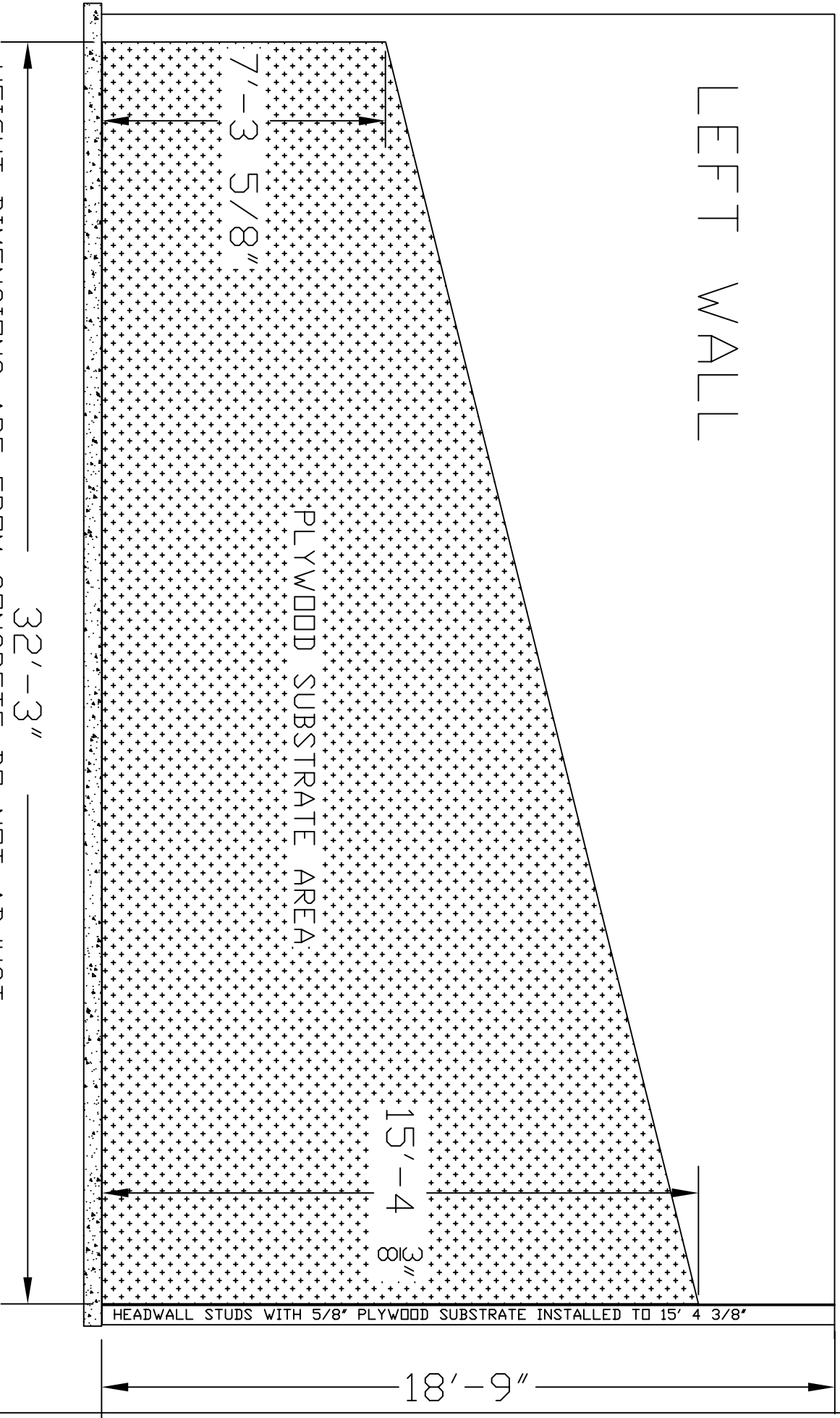
NOTE : STUD LAYOUT IS NOT CRITICAL BUT  
 STUD GAUGE ,CENTERS , AND STIFFENING IS

1 1/8" FIBERESIN PANEL  
 1/8" AL. SPLINE & GLUE  
 5/8" PLYWOOD  
 5/8" GWB ABOVE COURT

18 GA. 6" STEEL STUDS 12" O.C. HEADWALLS , 16" O.C. SIDEWALLS OR EQUAL  
 WITH ROWS OF STIFFNER 4' O.C. AND SOUND INSULATION ( BY OTHERS )

<b>ANDERSON COURTS</b> 716-447-9966 FAX 716-447-9969		
SCALE: NTS	DRAWN BY - RPD	DATE -8/29/19
<b>STUD LAYOUT/GLASSBACK</b>		
PROJECT Standard	DRAWING NO. SFFr 100	

# LEFT WALL



PLYWOOD SUBSTRATE AREA

7'-3 5/8"

15'-4 3/8"

32'-3"

HEADWALL STUDS WITH 5/8" PLYWOOD SUBSTRATE INSTALLED TO 15'-4 3/8"

18'-9"

HEIGHT DIMENSIONS ARE FROM CONCRETE-DO NOT ADJUST  
INSTALL HEADWALL PLYWOOD FIRST  
LENGTH DIMENSION IS FROM HEADWALL PLYWOOD  
WALL SHOULD BE 4" LONGER & TALLER MINIMUM

ANDERSON COURTS	PROJECT
716-447-9966 FAX 716-447-9969	Standard
SCALE: NTS DRAWN BY: RPD DATE: 3/28/18	PREPARED BY: SF Plywood
PLYWOOD SUBSTRATE AREA	

9/16"

FIBERESIN PANELS

HEADWALLS - 1 1/2"  
SIDEWALLS - 1 1/8"

LOW PROFILE SCREW

1/8" ALUMINUM SPLINE

5/8" PLYWOOD BY G.C.

BATT INSULATION FOR SOUND BY G.C.  
VAPOR BARRIER MANDATORY ON EXTERIOR WALLS

STEEL STUD (WIDTH & GA. VARIES)  
6" 18 GAUGE WITH STIFFENER STANDARD

12" OC FOR HEADWALLS

16" OC FOR SIDEWALLS AND BACKWALLS

CONSTRUCTION ADHESIVE

ANDERSON COURTS

716-447-9966 FAX 716-447-9969

SCALE: NTS

DRAWN BY RPO

DATE 3/30/12

AL. SPLINE DETAIL

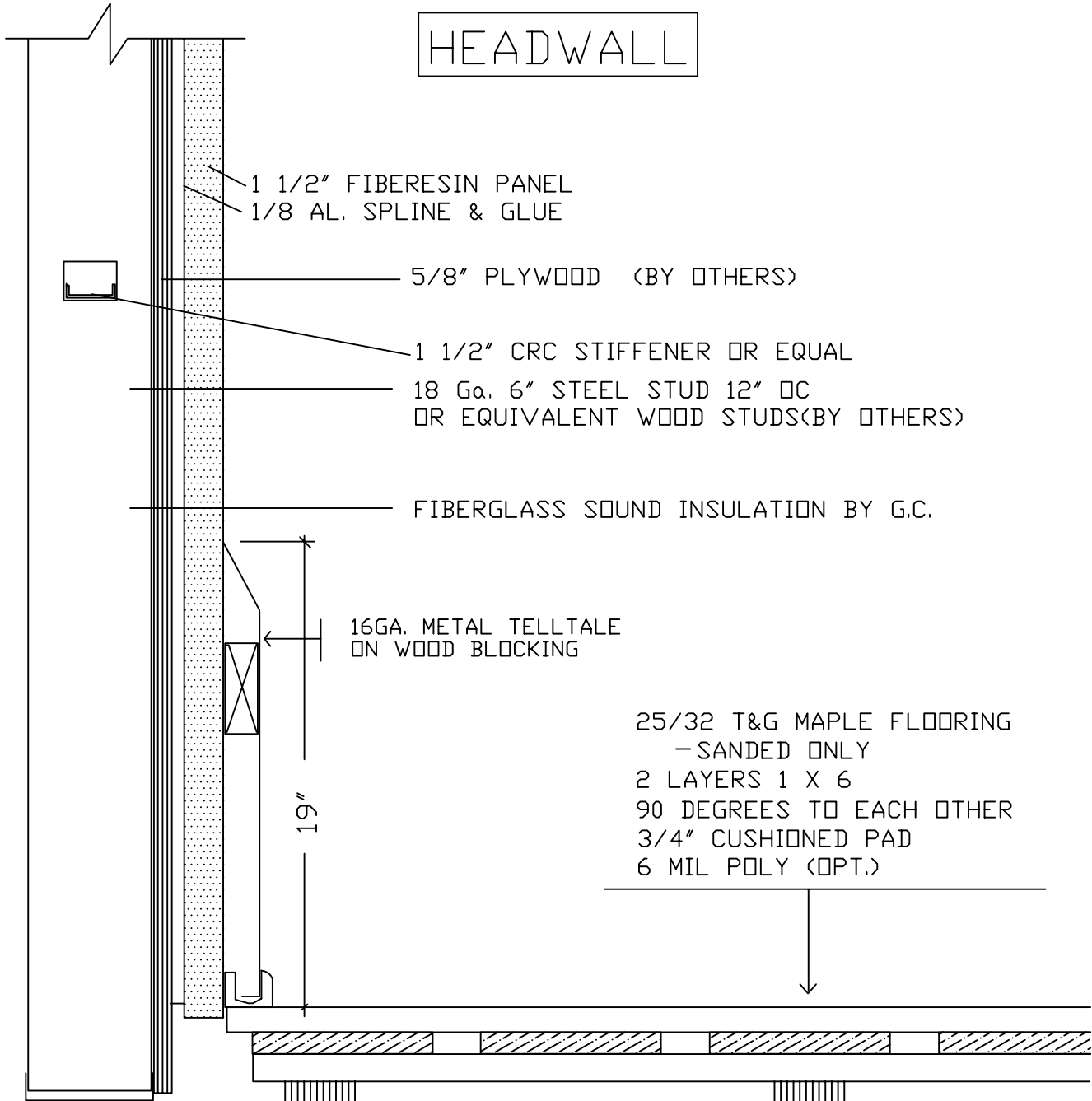
PROJECT

STANDARD

DRAWING NO.

FFC 100-1

# HEADWALL



1 1/2" FIBRESIN PANEL  
1/8 AL. SPLINE & GLUE

5/8" PLYWOOD (BY OTHERS)

1 1/2" CRC STIFFENER OR EQUAL

18 Ga. 6" STEEL STUD 12" OC  
OR EQUIVALENT WOOD STUDS (BY OTHERS)

FIBERGLASS SOUND INSULATION BY G.C.

16GA. METAL TELLTALE  
ON WOOD BLOCKING

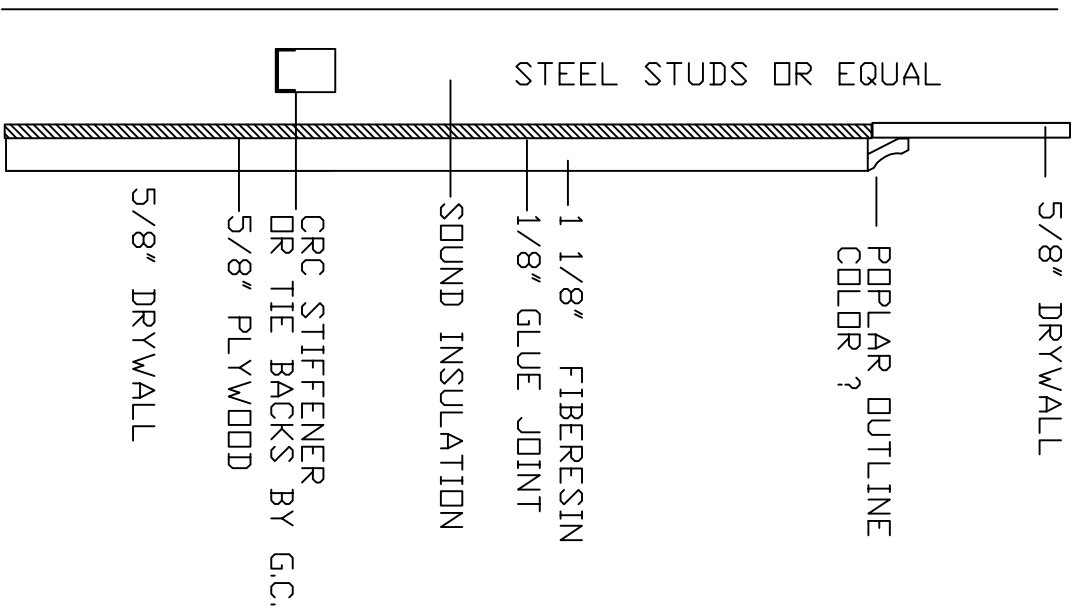
19"

25/32 T&G MAPLE FLOORING  
- SANDED ONLY  
2 LAYERS 1 X 6  
90 DEGREES TO EACH OTHER  
3/4" CUSHIONED PAD  
6 MIL POLY (OPT.)

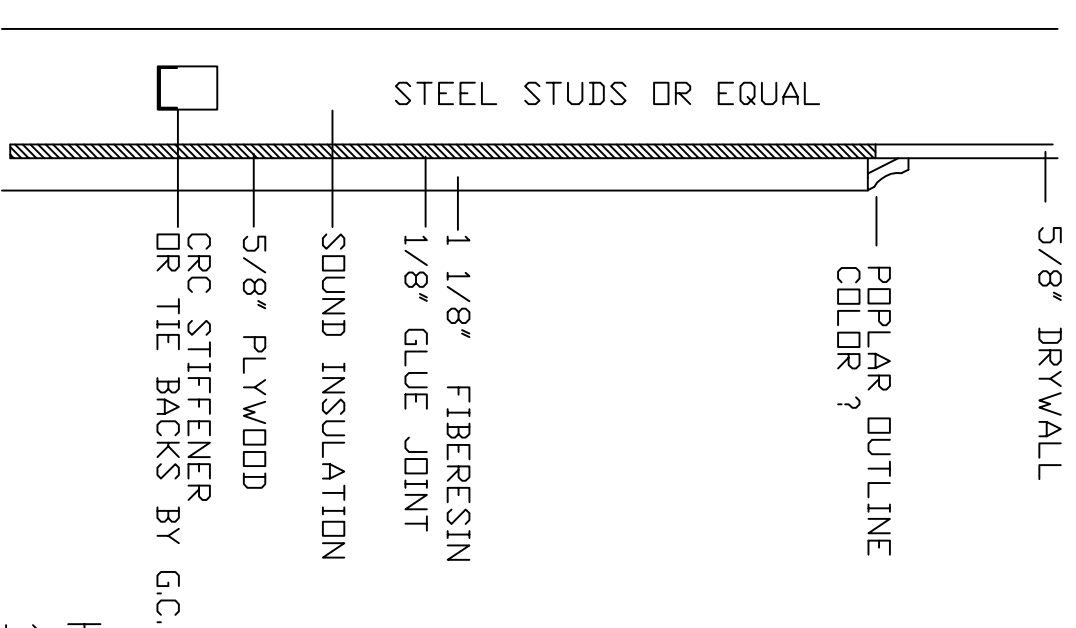
SECTION- HEADWALL @ TELLTALE

<b>ANDERSON COURTS</b>		
716-447-9966 FAX 716-447-9969		
SCALE: NTS	DRAWN BY - RPD	DATE - 6/19/19
<b>SECTION - HEADWALL @ TELLTALE</b>		
PROJECT	DRAWING NO.	
SINGLES SQUASH	SFT 100	

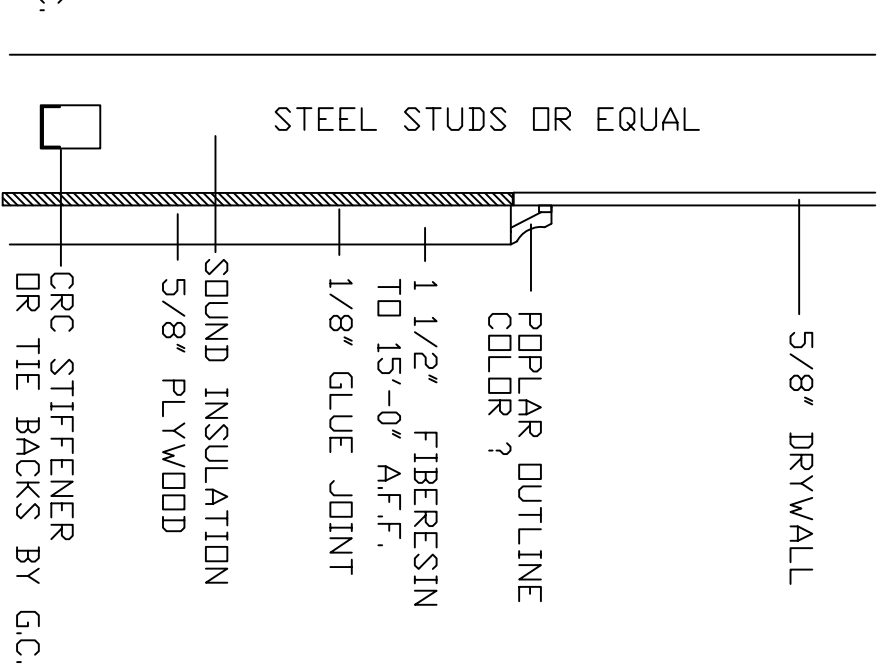




BACK WALL OUTLINE  
7' A.F.F. TO BOTTOM

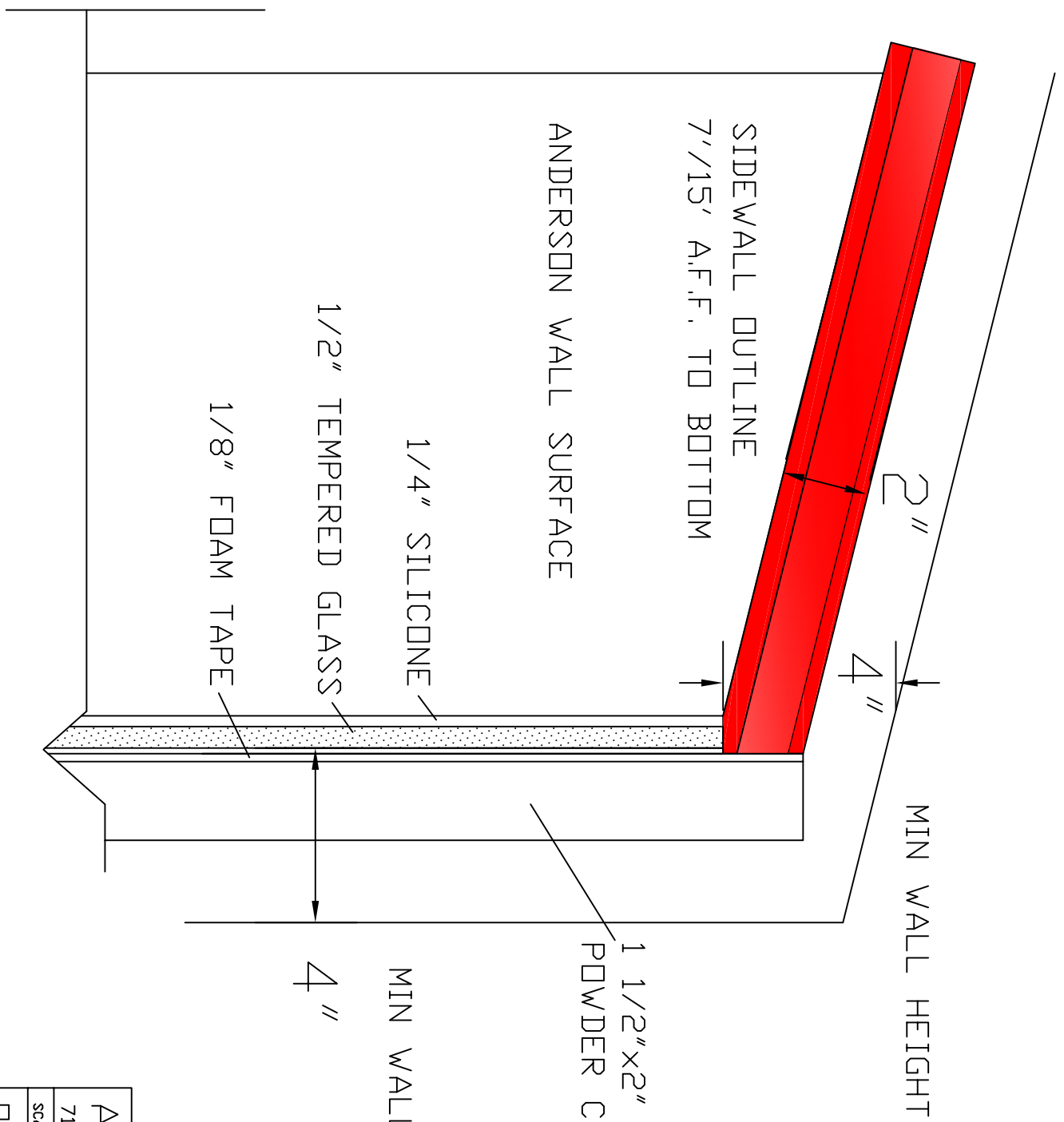


SIDEWALL OUTLINE  
7'/15' A.F.F. TO BOTTOM



HEADWALL OUTLINE  
15'-0" A.F.F. TO BOTTOM

ANDERSON COURTS	
716-447-9966	FAX 716-447-9969
SCALE - NTS	DRAWN BY - RPD
	DATE - 6/27/18
OUTLINE DETAIL	
PROJECT - STANDARD	DRAWING NO - SFD 100



ANDERSON WALL SURFACE

SIDEWALL OUTLINE  
7' / 15' A.F.F. TO BOTTOM

2"

4"

MIN WALL HEIGHT

1/4" SILICONE

1/2" TEMPERED GLASS

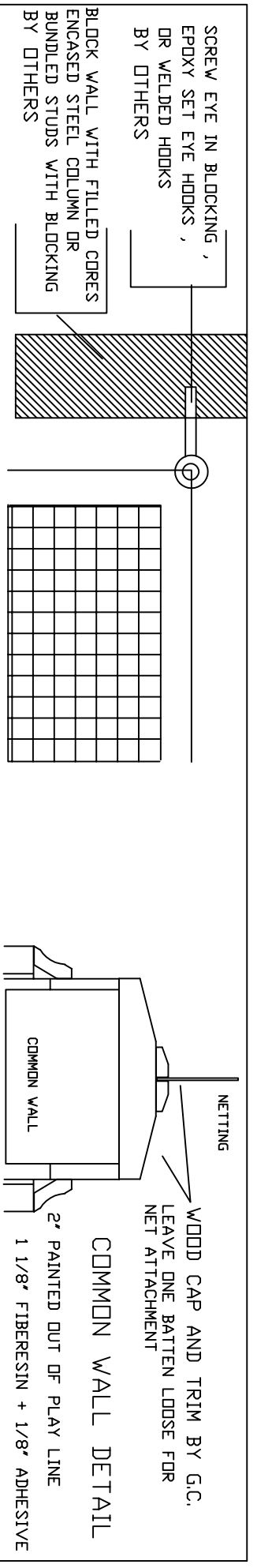
1/8" FOAM TAPE

1 1/2"x2" AL ANGLE  
POWDER COATED WHITE

MIN WALL LENGTH

4"

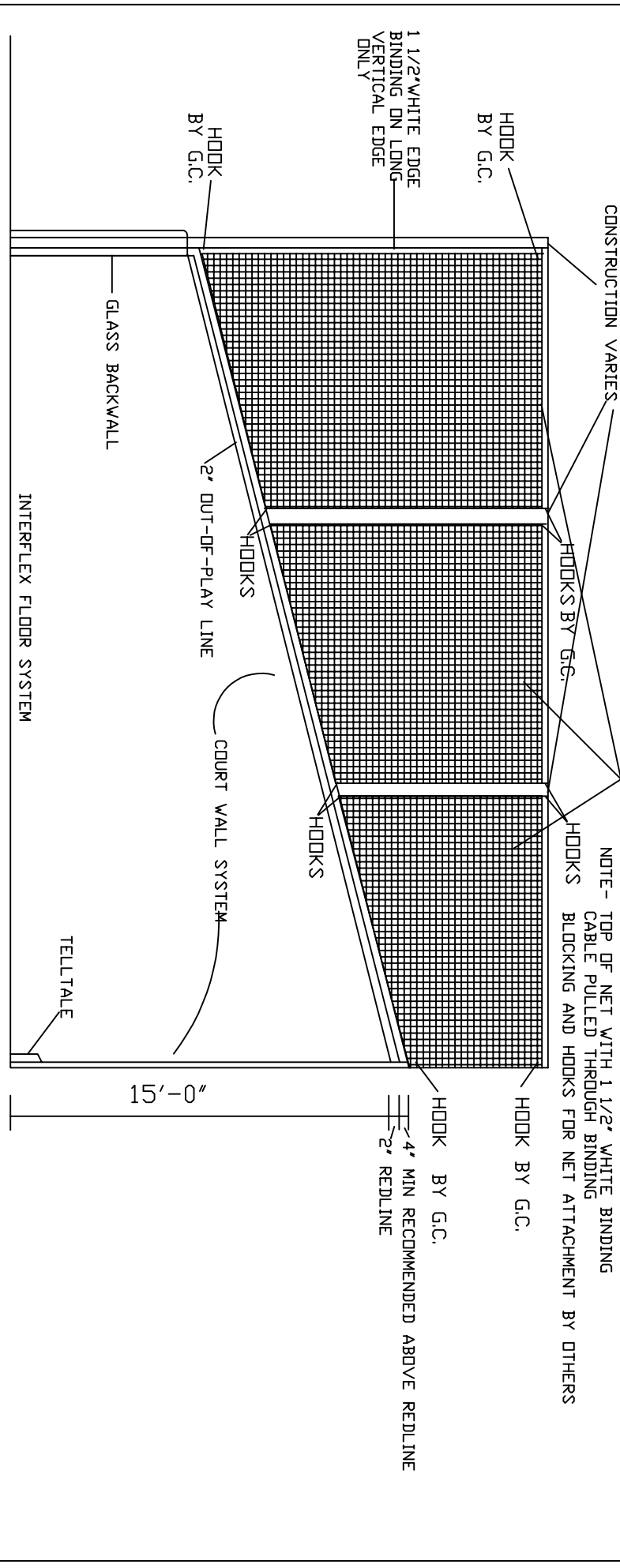
ANDERSON COURTS	
716-447-9966	FAX 716-447-9969
SCALE- NTS	DRAWN BY- RPD
	DATE-7/20/19
OUTLINE/GLASS DETAIL	
PROJECT- STANDARD	DRAWING NO- SFD 100 -5



**COMMON WALL DETAIL**

NOTE - TOP OF NET WITH 1 1/2" WHITE BINDING CABLE PULLED THROUGH BINDING BLOCKING AND HOOKS FOR NET ATTACHMENT BY OTHERS

**NETTING ON CABLES**

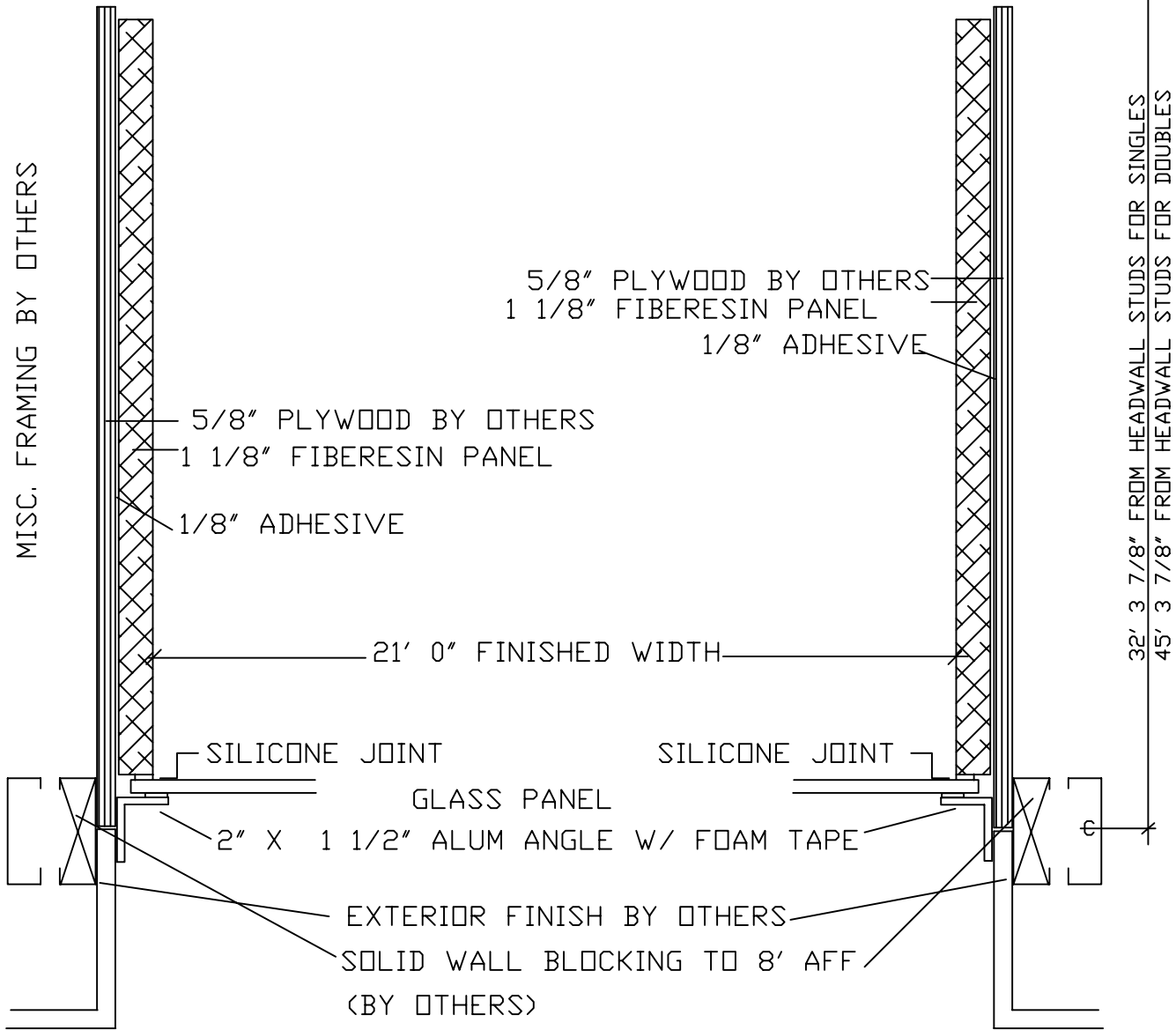


**COMMON WALL ELEVATION**

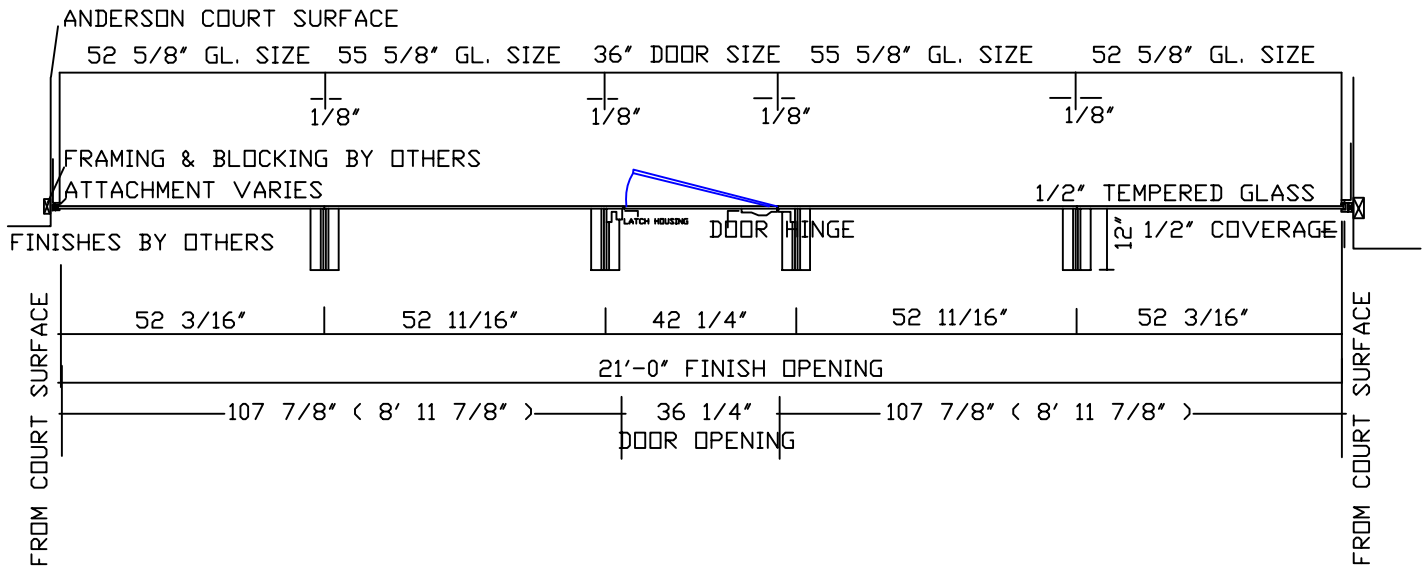
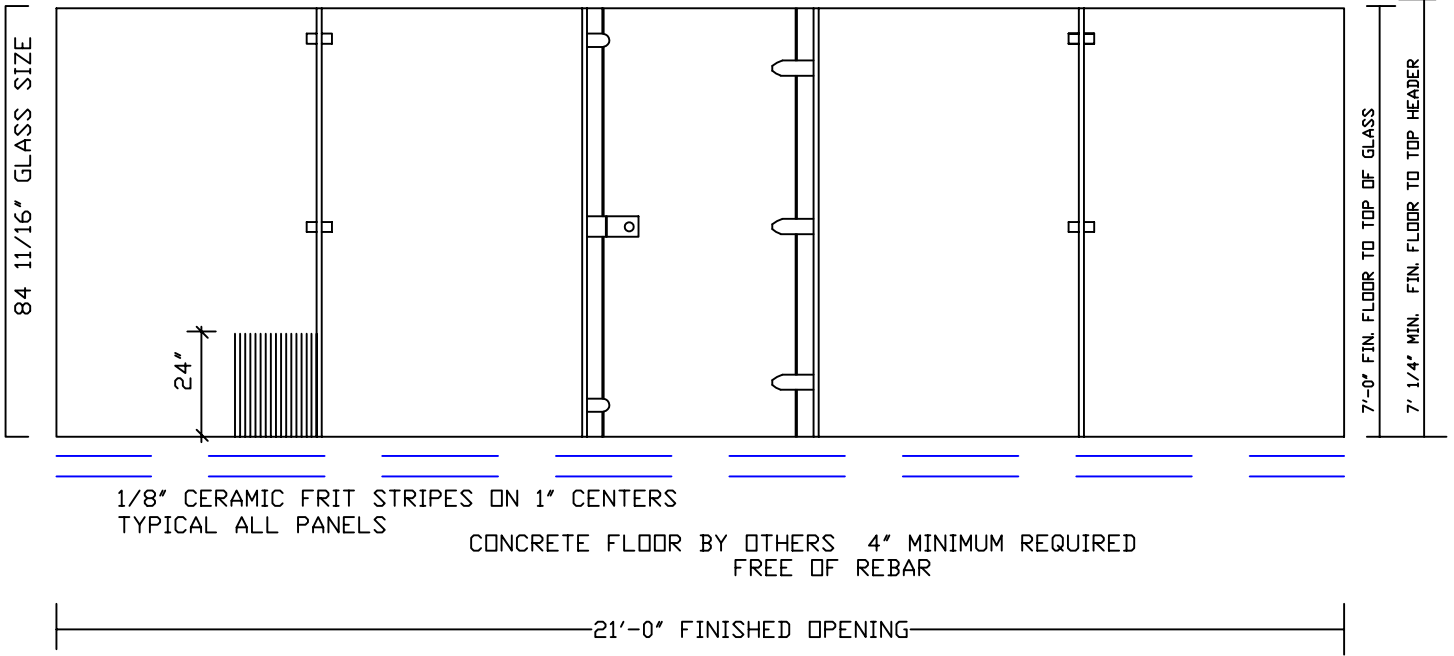
TOP OF NET AT 18'6" AFF OR TO LOWEST OBSTRUCTION  
 ALL BLOCKING, HOOKS, AND POINTS OF ATTACHMENT BY G.C.

ANDERSON COURTS		716-447-9966 FAX 716-447-9969	
SCALE - NTS	DRAWN BY - RPD	DATE -	5/13/19
COMMONWALL NETTING			
PROJECT - SQUASH / FIBERESIN	DRAWING NO - NF 100		

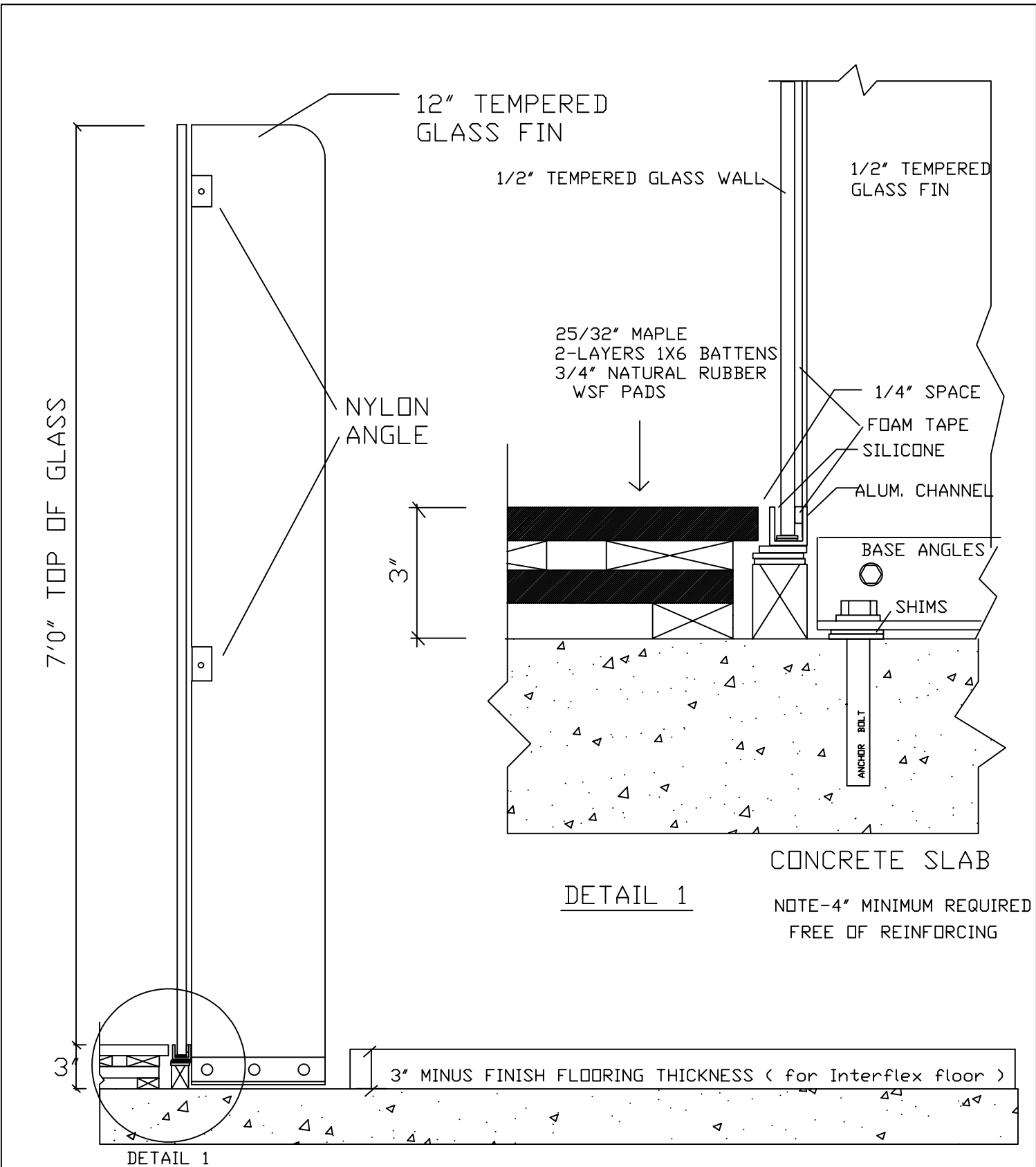
HEADWALL FRAMING  
HEADWALL FINISHES



ANDERSON COURTS		
716-447-9966 FAX 716-447-9969		
SCALE: NTS	DRAWN BY: RPD	DATE: 4/12/19
GLASS ATTACHMENT		
PROJECT	DRAWING NO.	
STANDARD	G 101-5	



ANDERSON COURTS		
716-447-9966 FAX 716-447-9969		
SCALE: NTS	DRAWN BY: RPD	Date -10/01/8
GLASS BACK DETAIL		
PROJECT	DRAWING NO.	
STANDARD	SG EP 200	

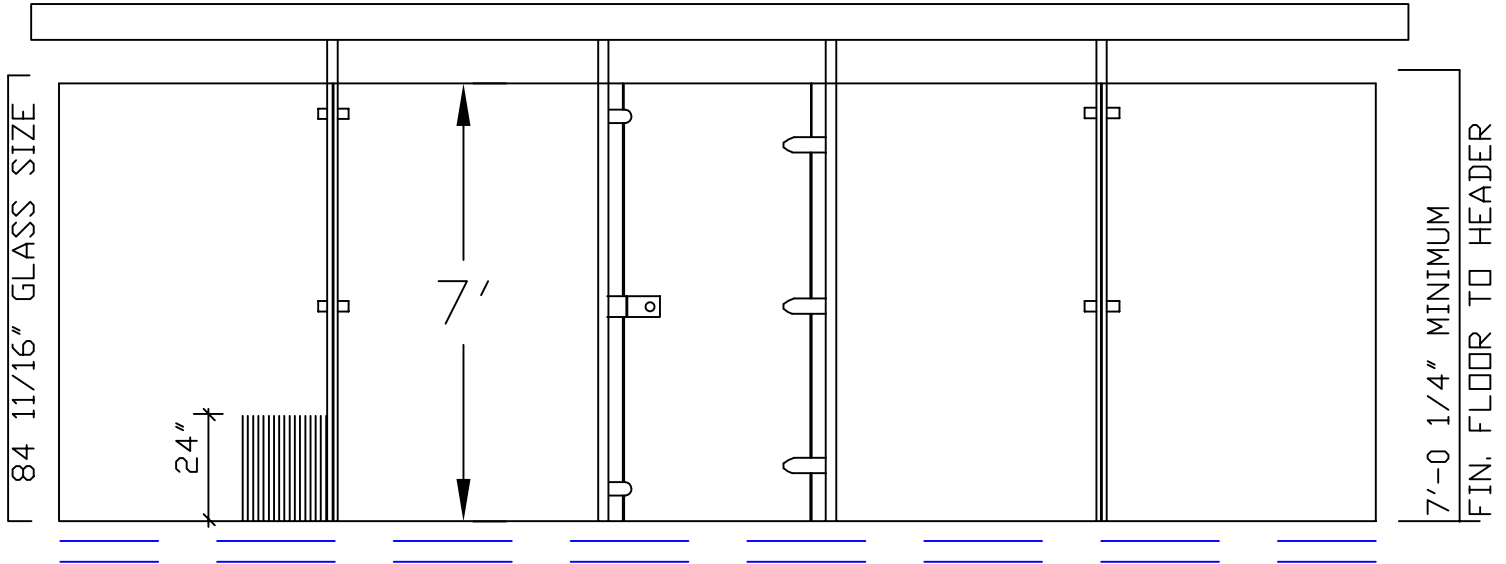


SECTION THROUGH GLASS BACK WALL

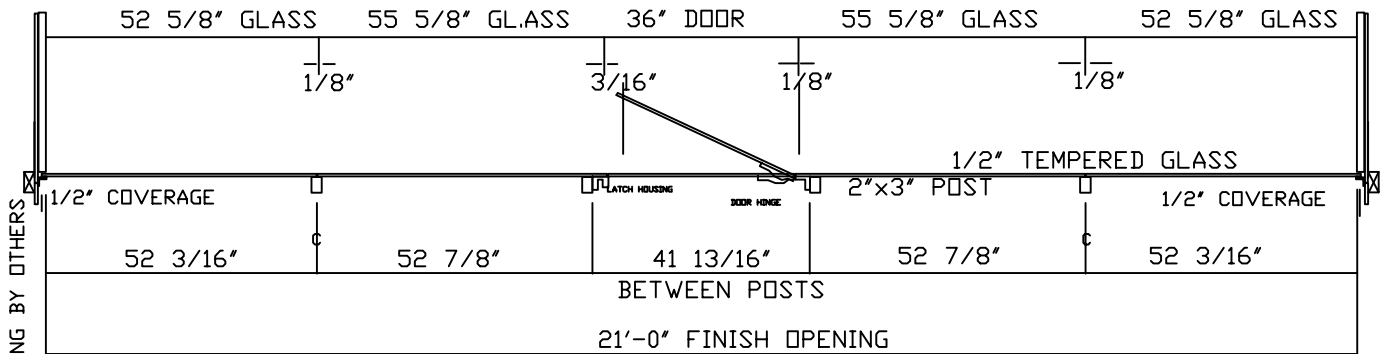
ANDERSON COURTS		
716-447-9966 FAX 716-447-9969		
SCALE: NTS	DRAWN BY - RPO	DATE 8/29/19
RECESSED FLOOR / FIN DETAIL		
PROJECT Standard	DRAWING NO. G 100-1	

21' FINISHED OPENING

STRUCTURAL HEADER ABOVE-BY OTHERS



CONCRETE FLOOR OR SUBSTANTIAL WOOD DECK  
REINFORCE BELOW TO PREVENT SAGGING



EXTERIOR FINISHES AND BLOCKING BY OTHERS

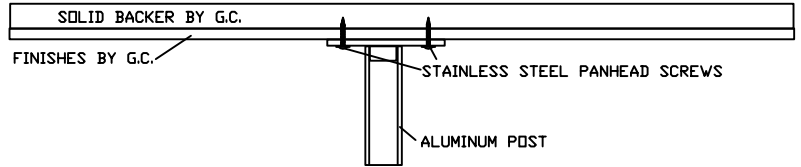
ANDERSON COURTS		
716-447-9966 FAX 716-447-9969		
SCALE: NTS	DRAWN BY: RPD	DATE: 10/01/18
GLASS BACK DETAIL-POST		
PROJECT	STANDARD	DRAWING NO. SG EP/AC 300

HEADER BY OTHERS

FLANGED TOP BLOCK W/  
3" x 2" ALUMINUM  
POST BY A/C

FINISHES ON HEADER SET 32' 1/2" + PLYWOOD SUBSTRATE +  
HEADWALL PLAYING SURFACE FROM HEADWALL STUDS

MAXIMUM HEIGHT FOR STANDARD ALUMINUM POSTS  
8' 1 1/2" FROM THE EXISTING SUBFLOOR  
TALLER POSTS AVAILABLE AT ADDITIONAL COST



### SECTION BEHIND GLASS AT TOP

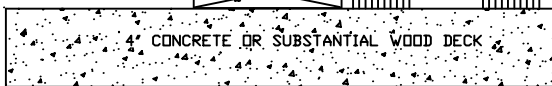
7'-0" FIN. FLOOR TO TOP OF GLASS

HEADER BY OTHERS

3" x 2" ALUMINUM POST

FLANGED BOTTOM BLOCK BY A/C  
CONTINUOUS 2" X 6" BY A.C.

1 X 1 ALUM. CHANNEL



REINFORCE BELOW GLASS WALL AS NEEDED TO  
PREVENT SAGGING - GLASS WEIGHS APPROX. 1,000 LBS

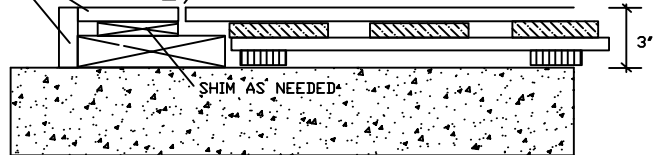
### SECTION THROUGH GLASS

1/2" CLEAR  
TEMP. GLASS  
/DOOR

6'-11 5/8" DOOR SIZE

WOOD TRIM BY G.C.

FLOOR CONSTRUCTION  
25/32" MAPLE  
2 LAYERS 1X6 SPF  
3/4" (3/8", 5/8" IF NEEDED) AIRTECH PADS  
SHIM AS NEEDED



### SECTION THROUGH DOOR

WOOD TRIM BY G.C.

ALUMINUM POST

2" X 6" BY A.C.



### SECTION BEHIND GLASS AT FLOOR

ANDERSON COURTS  
716-447-9966 FAX 716-447-9969

SCALE: NTS DRAWN BY: RPD DATE: 10/25/18

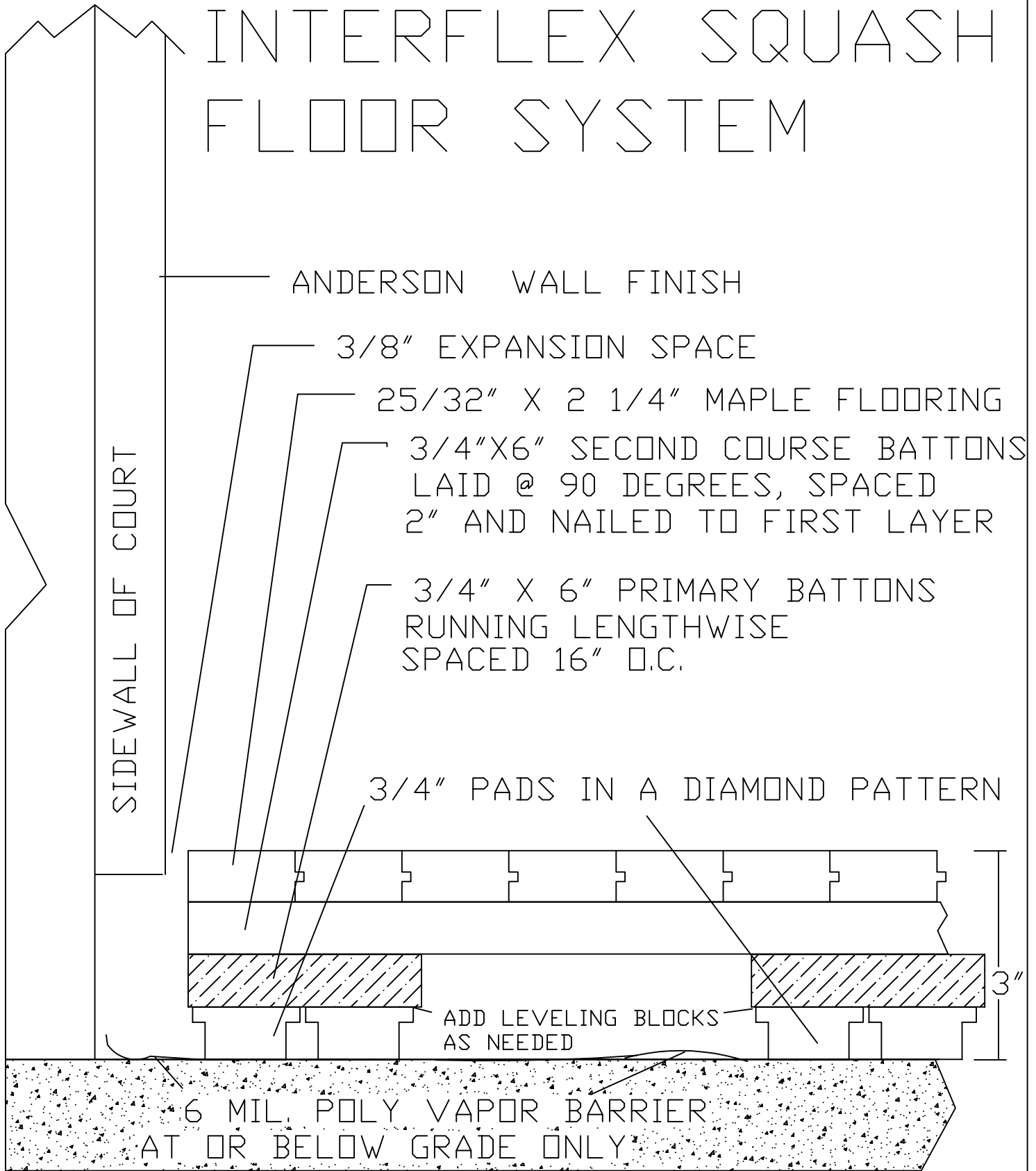
POST / DOOR DETAIL

PROJECT STANDARD

DRAWING NO. GP 100-3

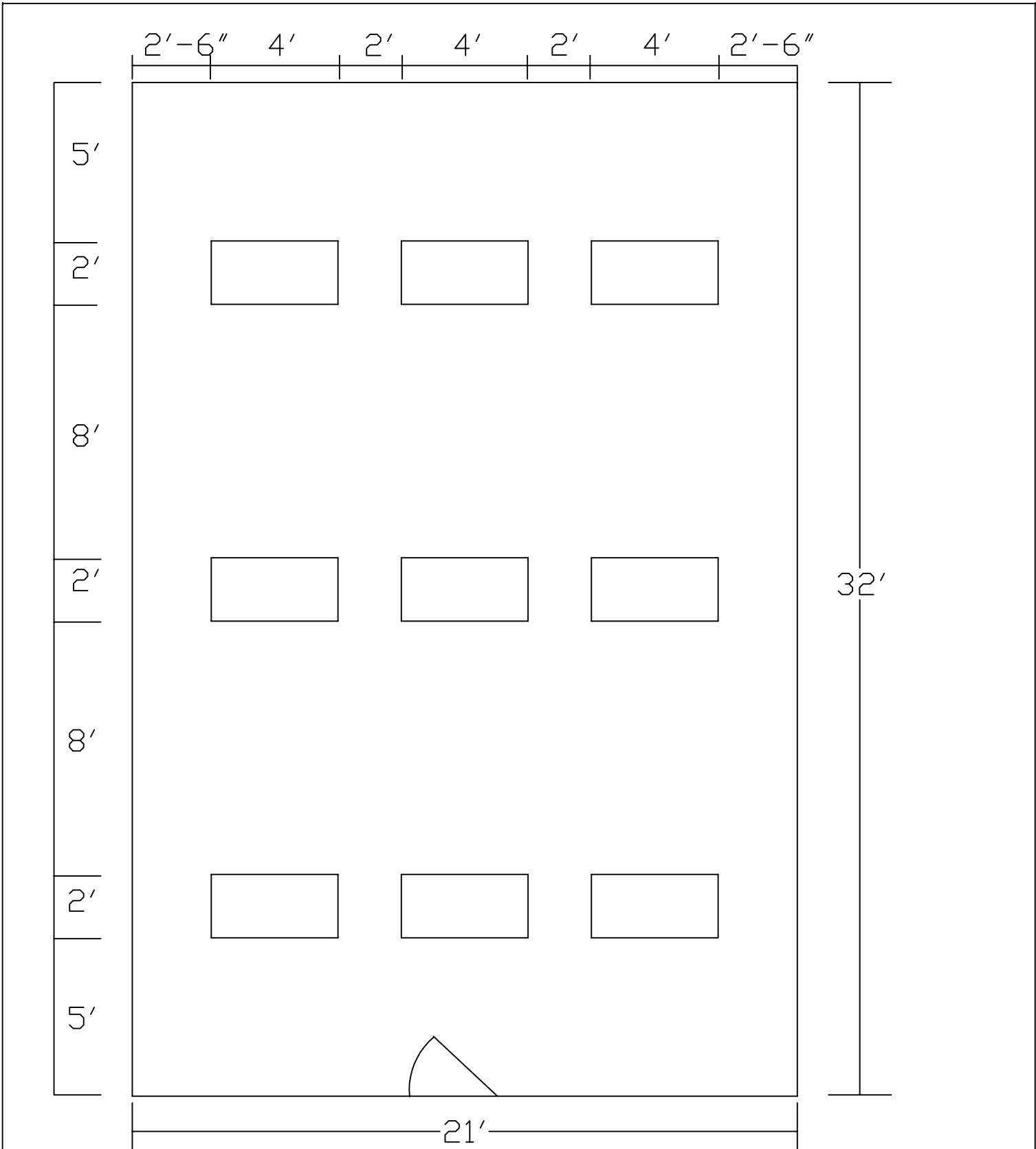


# INTERFLEX SQUASH FLOOR SYSTEM



CONCRETE SLAB

ANDERSON COURTS	
716-447-9966	FAX 716-447-9969
SCALE: NTS	DATE-6/27/18
DRAWN BY- RPD	
INTERFLEX SQUASH FLOOR	
PROJECT	DRAWING NO.
STANDARD SINGLES	FL 100



9 COURT LIGHT FIXTURES W/ 6 LAMPS EA  
 32W FLUORESCENT OR EQUAL LED  
 MUST HAVE PROTECTIVE LENS  
 APPROX. 90 FT. CANDLES AT 1M AFF

ANDERSON COURTS		
716-447-9966 FAX 716-447-9969		
SCALE: NTS	DRAWN BY- TPM	DATE- 6/20/18
SINGLES SQUASH LIGHTING LAYOUT		
PROJECT STANDARD	DRAWING NO. SL 100	