



**M E M O**

**County  
Administrator**

Keith Berndt

**TO:** Cass County Board of Commissioners  
**FROM:** Keith Berndt  
Cass County Administrator  
**DATE:** December 29, 2014  
**SUBJECT:** Court Facilities Improvement Grant Application for 2015

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**Commissioners:**

On December 16, 2013, the Commission approved submission of a grant application for 2014 funding to remodel District Courtroom 5. The grant application was not successful in being selected for 2014 funding.

I resubmitted the application for 2015 consideration today in order to meet the December 31<sup>st</sup> deadline. If the Commission is not in favor of the resubmitted the application, I will withdraw it.

I request that the Commission ratify the grant application resubmission. I've enclosed the supporting documentation.

**SUGGESTED MOTION:** Ratify the 2015 Court Facilities Improvement Grant application for remodeling work to District Courtroom 5 in the total estimated amount of \$36,563.

Box 2806  
211 Ninth Street South  
Fargo, North Dakota 58108

701-241-5720  
Fax 701-297-6020  
[www.casscountynd.gov](http://www.casscountynd.gov)  
[berndtk@casscountynd.gov](mailto:berndtk@casscountynd.gov)

MY DOCUMENTS\KEITH\MEMO-RATIFY COURT FACILITIES GRANT APPLICATION.DOCX



County  
Administrator

Keith Berndt

December 29, 2014

Sally Holewa, Chair  
Court Facilities Improvement Advisory Committee  
600 East Boulevard Avenue, Dept. 180  
Bismarck ND 58505-0530

RE: Application for Court Facilities Improvement Grant – 2015

Dear Ms. Holewa and Committee Members:

For the eleventh round of Court Facilities Improvement Grants, Cass County Government requests funding assistance to allow much needed improvements to be completed in Cass County Courtroom 305. This is a resubmission of our application from last year. Requested work includes reconstruction of the judge, witness and jury area of the courtroom to correct deficiencies as follows:

- In the current courtroom, the judge is unable to see the witness on the stand. It is difficult to judge the person's credibility when they cannot be seen during their testimony.
- The witness currently has access to the judge. This needs to be reconstructed to provide a barrier between the judge and the witness, while yet allow the judge to view the witness.
- The large jury box could be cut down in size to a 9-person jury box, thereby freeing up an area for the court reporter.
- A large TV will be added to the west wall of the courtroom to allow viewing of supporting information.

The estimated total cost of the project is \$36,563, and we are requesting 75% of this amount (\$27,423). The Board of County Commissioners unanimously approved the enclosed grant application, and a copy of the minutes is attached.

Cass County Government appreciates the opportunity to have our application considered. If you need any further information, please let me know.

Sincerely,

Keith Berndt, P.E.  
Cass County Administrator

cc: Cass County Commissioners  
Rod Olson, District Court Administrator

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211 Ninth Street South  
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WORDEN\MY DOCUMENTS\KEITH\COURT FACILITES IMPROVEMENT LTR 12-29-14.DOCX

**APPLICATION**  
**for**  
**COURT FACILITIES IMPROVEMENT GRANT FUNDS**

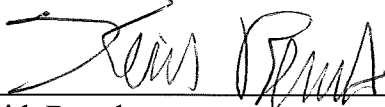
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N.D.C.C. Section 27-05.2-10 authorizes grants from the Court Facilities Improvement and Maintenance Fund for county projects to improve or maintain court facilities. The basic requirements are that the improvement or maintenance project must be a necessary improvement to court facilities or essential to remodel or maintain existing court facilities. The applying county is required to provide local funding for the project in an amount at least equal to 25% of the project's total cost. **This Application must be postmarked no later than December 31, 2014, to be considered in the current round of application reviews.**

1. Cass County hereby applies for a grant from the Court Facilities Improvement and Maintenance Fund.
2. **Full** description of the improvement or maintenance project for which grant funds are requested (attach additional sheets if necessary – **include vendor estimates**):  
Requested work includes reconstruction of the judge, witness and jury area of the court room to correct deficiencies.

**Note:** Because the county has a federal statutory obligation to comply with the Americans with Disabilities Act, projects for ADA-related improvement or maintenance **will not** be considered.

3. Estimated total cost, including material, labor, and associated expenses, of the project: \$36,563 . **Itemized cost** (material, labor, other expenses): \_\_\_\_\_
4. County local funding contribution (must be at least 25% of the project's total cost): \$9,141 (**Note: In-kind** contributions **will not** be considered for purposes of satisfying the 25% contribution requirement. Depending on the nature of the project, the Advisory Committee may require local funding in an amount greater than 25% of the project's total cost).
5. Amount of grant request: \$27,423 (est. total cost **minus** 25% county funds).

  
\_\_\_\_\_  
Keith Berndt  
Cass County Administrator

**10. PERSONNEL POLICY, Section 7.00 Wage and Salary Administration regarding starting salaries**

Keith Berndt, County Administrator, said at the Personnel Overview Committee meeting held last month, members discussed changes to the personnel policy regarding starting salaries. He prepared revisions to Section 7.00 Wage and Salary Administration, which were reviewed and approved by department heads at their meeting last month.

Mr. Berndt said the proposed changes would allow the following:

- A department head could hire a new employee in steps 2 – 5 with concurrence from the Administrator and Portfolio Commissioner and require no Commission action;
- A department head could hire a new employee above step 5 with full commission approval. The request would be sent to the Commission via the County Administrator. The County Administrator would forward the request to the full Commission with a recommendation;
- Starting step for new department heads would be determined by the County Commission.

Mr. Peterson asked about the procedures to follow if the portfolio commissioner does not agree with a request to hire above step 1. Mr. Berndt said he could draft language so that in these types of events, the matter may be forwarded to the entire board for consideration.

***MOTION, passed***

**Mr. Peterson moved and Mr. Vanyo seconded to approve revised Personnel Policy Section 7.00 Wage and Salary Administration regarding starting salaries as presented and to authorize the county administrator to draft an amendment to include if the portfolio commissioner does not approve of the request, the item must be forwarded to the full commission. On roll call vote, the motion carried unanimously.**

**11. COURT FACILITIES IMPROVEMENT GRANT APPLICATION, Chair authorized to sign**

Mr. Berndt said the Court Facilities Improvement Advisory Committee was formed several years ago to allow counties to submit requests for projects to improve or maintain court facilities. This is the tenth round of applications, and he recommends the county request up to \$60,000 for Courtroom 305 renovations to reconstruct the judge, witness and jury area. The grant amount is \$45,000 with a county match of \$15,000, which Mr. Berndt has available within the Buildings and Grounds budget.

***MOTION, passed***

**Mr. Vanyo moved and Mr. Peterson seconded to authorize the chairman to sign the application for Court Facilities Improvement Grant funds for 2014. On roll call vote, the motion carried unanimously.**

**12. TAX-FORFEITED PROPERTIES, County deeds to Leonard and Hunter**

Michael Montplaisir, Cass County Auditor, said two properties in the City of Leonard and City of Hunter were not sold at the tax sale last month. The properties were offered to the each city for a \$1.00 as allowed by state law, and both cities have agreed to purchase them from the county.

Mr. Pawluk said the goal of the county should be to ensure these properties are back on the tax rolls.

11.

Estimate  
was revised  
to \$36,503

**Estimate of Probable  
Construction Cost**



**Cass County Courthouse - Courtroom 305**


**Project No.:** 0120.10      **Date:** Jan-14

**Phase:**


**SUMMARY AND TOTALS**

<b>Item</b>	<b>Amount</b>
<b>GENERAL CONSTRUCTION</b>	
Division 1 - General Requirements	\$2,300.00
Divisions 2 & 31-34 Demolition & SiteWork	
Division 3 - Concrete	
Division 4 - Masonry	
Division 5 - Metals	
Division 6 - Wood and Plastics	\$17,032.00
Division 7 - Thermal and Moisture Protection	
Division 8 - Openings/Doors and Windows	
Division 9 - Finishes	\$5,940.00
Division 10 - Specialties	
Division 11 - Equipment	
Division 12 - Furnishings	
Division 14 - Conveying Systems	
<b>Sub Total</b>	\$25,272.00
P & O at 15.00%	\$3,790.80
<b>Total General Construction</b>	\$29,062.80
<b>OTHER CONSTRUCTION</b>	
Division 26-28 - Electrical	\$7,500.00
 <b><u>Does not include by owner items such as demolition or furnishings</u></b>	
<b>Total Other Construction</b>	\$7,500.00
<b>Total All Construction</b>	\$36,562.80
<b>GRAND TOTAL ALL CONSTRUCTION</b>	\$36,562.80


Estimate of Probable  
Construction Cost

	<b>Cass County Courthouse - Courtroom 305</b>						
	Project No:				Date:	Jan-14	
					Phase:		
<b>DIVISION 1- GENERAL REQUIREMENTS</b>							
<b>Item</b>	<b>Quan</b>	<b>Unit</b>	<b>Cost/Unit</b>	<b>*</b>	<b>Lbr/Unit</b>	<b>Matl/Unit</b>	<b>Total</b>
	<b>Total Div 1 thru Div 14</b>		<b>Enter Percentage</b>				
General Requirements	\$23,000	LS	10%				\$2,300.00
<b>TOTAL DIVISION 1 - GENERAL REQUIREMENTS</b>							<b>\$2,300.00</b>

Estimate of Probable  
Construction Cost

		Cass County Courthouse - Courtroom 305					
		Project No:	0120.10	Date:	Jan-14	Phase:	
DIVISION 6 - Wood & Plastics							
Item	Quan	Unit	Cost/Unit	*	Lbr/Unit	Matl/Unit	Total
<b>Miscellaneous Rough Carpentry</b>	1						\$0.00
Ramps, Built up platforms	240	SF	\$6.00		\$2.00		\$1,920.00
<b>Millwork And Casework</b>	1						\$0.00
Wood Paneling	16	SF	\$7.00				\$112.00
Judges Benches	30	LF	\$350.00				\$10,500.00
Railings, Ctrrooms	30	LF	\$150.00				\$4,500.00
<b>TOTAL DIVISION 6 - WOOD &amp; PLASTICS</b>							<b>\$17,032.00</b>

Estimate of Probable  
Construction Cost

	<b>Cass County Courthouse - Courtroom 305</b>						
	Project No:		0120.10		Date:	Jan-14	
					Phase:		
<b>DIVISION 9 - FINISHES -</b>							
<b>Item</b>	<b>Quan</b>	<b>Unit</b>	<b>Cost/Unit</b>	<b>*</b>	<b>Lbr/Unit</b>	<b>Matl/Unit</b>	<b>Total</b>
<b>Carpeting</b>	1						\$0.00
Carpeting, Courtrooms	1188	LF	\$5.00				\$5,940.00
	<b>TOTAL</b>						<b>\$5,940.00</b>



**SECTION 06 1000  
CARPENTRY WORK**

1 **GENERAL:**

2

3 **RELATED WORK:**

4 Architectural woodwork is by Section 06 4000.

5

6 **QUALITY ASSURANCE:**

7 Lumber: Identify with grade stamp of an agency of WWPA.

8 Wood Structural panels (plywood): Identify with grade stamp of APA.

9

10 **REFERENCES:**

11 APA EWS & APA: APA - Engineered Wood Association

12 AWI: American Woodwork Institute

13 AWPI: American Wood Preservers Institute

14 PS 1 - Construction and Industrial Plywood

15 PS 20 - American Softwood Lumber Standard

16 PRP 108- Performance Standards & Policies for Structural-Use Panels

17 WWPA: Western Wood Products Association

18

19 **PRODUCTS:**

20

21 **ROUGH CARPENTRY MATERIALS AND COMPONENTS:**

22 Lumber: PS 20, graded in accordance with WWPA Standard Rules for Western Lumber.

23

24 All lumber and plywood shall be seasoned "KDAT" standards after treatment.

25

26 **Lumber Dimensions:**

27 Specified lumber dimensions are nominal. All lumber shall be surfaced unless noted otherwise.

28 Actual dimensions conform to industry standards established by the American Lumber Standards

29 Committee and the rules writing agencies.

30

31 **Moisture Content:** MC-15, 15% maximum on plywood products.

32

33 **Framing: studs, Plates, Blocking, Bucks & Nailers:** No. 2 or better at 2 x 6. Provide treated where

34 indicated and required. Hand-picked for trueness and quality.

35

36 **Engineered Panel Products:**

37 Subfloor: Veneer Plywood only, APA rated Sturdi-flor, tongue and groove, with exterior glue,  
38 Exposure 1. Thickness as indicated. Adhesive: PL premium subfloor adhesive.

39

40 Misc: Plywood: Veneer Plywood only, APA Rated "Sheathing" (CD-X)

41

42 **Steel Angle support (half wall):** ASTM A36 steel, primed. Shop fabricated with welded and drilled  
43 baseplates. Drill and anchor to concrete floors with appropriate fasteners in diameter and depth as  
44 required.

45

46 **FASTENERS/HARDWARE:**

47 **Rough Hardware:** Nails, spikes, staples, bolts, screws and similar items; galvanized for exterior and high  
48 humidity locations and at treated wood; plain finish for other interior locations; size and type to suit  
49 application for secure anchorage.

50

51 **Lumber to Lumber:** Coated common or annular thread nails or framing screws, of sufficient length to  
52 penetrate 1-1/2" into bottom member.

53

**SECTION 06 1000  
CARPENTRY WORK**

1 Plywood to Lumber: Screws are preferred, with Ring shank or annular thread nails of sufficient length to  
2 penetrate 1-1/4".

3  
4 Lumber or metal reinforcement to Concrete:  
5 Fasteners are to be Tapcon concrete anchors. A supplier is Northern States Supply, 1226 38th Street,  
6 Fargo, North Dakota. Anchors or screws are to be minimum 1/4" diameter and are to penetrate concrete  
7 1-1/2" minimum. Other approved, drilled-in type masonry anchors may be used if equivalent in pull-out  
8 strength. The installed withdrawal resistance to be minimum of 300 lbs. per anchor.

9  
10 Provide Wedgebolt fasteners or equivalent, where anchoring steel Half wall reinforcement.

11  
12 **EXECUTION:**

13  
14 **CONDITION OF SURFACES:**  
15 Verify that surfaces to receive carpentry materials are prepared to exact grades and dimensions.

16  
17 Do not proceed with Work until conditions are satisfactory.

18  
19 **INSTALLATION - GENERAL:** Install items closely fitted, accurately set to required lines and levels, rigidly  
20 secured. Use longest pieces possible. Provide adequate fasteners to achieve substantial and positive  
21 anchorage.

22 All wood blocking is to be installed in straight lines and level planes and at proper elevation for installation  
23 of roof system.

24  
25 Warped twisted wood members are not to be used. Period!

26  
27 **SHEATHING INSTALLATION:** (Standard Wall,) long dimension of panels perpendicular to supports.  
28 Stagger panel end joint with respect to each other and all joints with respect to joints. Butt panel ends and  
29 edges allowing 1/8" space at panel end joints and 1/8" space at panel edge joints. Fasten 6" o.c. at each  
30 end support and 12" o.c. at intermediate supports.

31  
32 **FLOOR SUBFLOOR:** Install per APA /manufacturer's recommendations. Glue and screw to framing. 1/4"  
33 bead adhesive at floor framing.

34  
35 **BLOCKING:**  
36 Wedge, align, and anchor blocking with countersunk bolts, washers, and nuts, or nails.

37  
38 Frame out for (and reinforce as necessary) passage of mechanical and electrical items.  
39 Provide full bearing surfaces for framing; use square cuts.

40  
41 **FRAMING:**

42     A.   Walls:  
43         1.    Openings: Double studs.  
44         2.    Corners and Partition Intersections: Triple studs.  
45         3.    Top Plates in Bearing Partitions: Double and lapped. Stagger joints at least 4 feet.  
46         4.    Headers: See details.  
47         5.    Ends of Stud Wall to Masonry/Concrete Foundation: Connect with 1/2 inch machine  
48               bolts maximum 48 inches on center and at least three in height of wall.  
49         6.    Fasten sill or wood plates to concrete as follows unless otherwise noted on Drawings.  
50               Minimum embedment of 1.5" inches. 16 inches on center staggered

51  
52     B.   Fasten as Follows: Nails or equivalent screws  
53         1.    Stud to Plate: End wall, two 16d.  
54         2.    Stud to Plate: Toe nail, three 16d or four 8d.

**SECTION 06 1000  
CARPENTRY WORK**

- 1
  - 2
  - 3
  - 4
  - 5
  - 6
  - 7
  - 8
3. Top Plates: Spiked together, 16d, 24 inches on center.
  4. Top Plates: Laps and intersections, two 16d.
  5. Continuous One Inch Brace to Stud: Two 8d.
  6. Two Inch Cut-In Bracing to Stud: Two 16d.
  7. Corner Studs and Angles: 16d, 30 inches on center.

END OF SECTION

06 1000-3

**SECTION 06 4000  
ARCHITECTURAL WOODWORK**

**1    GENERAL:**

**2**  
**3    SCOPE OF WORK:**

**4    All Laminate clad, wood veneer woodwork including the following:**

- 5    1. Clerk/ Recorder Counter & wall.**
- 6    2. Judges Bench, sidewalls, with bullet resistant panels**
- 7    3. Laminate clad half walls, complete with wood cap.**
- 8    4. Wood paneling at Courtrooms.**
- 9    5. Prefinishing (shop finishing) of all millwork, woodwork & paneling, is by this Section**
- 10   6. Laminate Countertops.**
- 11   7. Laminate Countertops.**

**12**  
**13    Prefabricated, shop assembled casework, and custom fabricated milled cabinetwork, work surfaces and**  
**14    accessories for specially designed units. Products shall be furnished under single source.**

**15**  
**16    RELATED WORK:**

**17    Rough carpentry, including the platform construction, half wall rough framing and steel reinforcement is by**  
**18    Section 06 1000.**

**19**  
**20    REFERENCE STANDARDS:**

- 21    FS MM-L-736C Lumber-Hardwood.**
- 22    FS-L-P-508F - Plastic Sheet, Laminated, Decorative, and Non-Decorative.**
- 23    FS MMM-A-130A - Adhesive, Contact.**
- 24    PS 1 - Construction and Industrial Plywood.**
- 25    PS 20 - American Softwood Lumber Standard.**
- 26    PS 51 - Hardwood and Decorative Plywood.**
- 27    PS 58 - Basic Hardwood.**
- 28    NHLA – National Hardwood Lumber Association**
- 29    HPVA – Hardwood plywoods and veneer association.**

**30**  
**31    QUALITY ASSURANCE: The "Quality Standards", 2003, 8th edition, of the Architectural Woodwork**  
**32    Institute applies to and is part of this Section, and any reference to Premium, Custom, or Economy grades**  
**33    is as defined therein.**

**34**  
**35    Manufacturer's Competence: Woodwork shall be manufactured by well established and experienced firm,**  
**36    acceptable to the Owner and Architect, with satisfactory record of similar size and quality installations.**  
**37    Architect/Owner reserve the right to reject any woodwork subcontractor, if it is Architect's opinion that the**  
**38    following will not result in required quality within time required for completion:**

- 39    a. shop capacity**
- 40    b. experience of workers**
- 41    c. equipment or supply or materials**
- 42    d. previous performance by manufacturer has been unsatisfactory.**

**43    Casework shall be provided by an AWI active member. The following are conditionally approved for**  
**44    bidding this work:**

- |   |                                       |
|---|---------------------------------------|
| <b>45    Cal-Dak Cabinets, Minot, ND</b>              | <b>Minot Sash and Door, Minot, ND</b> |
| <b>46    Northern Woodwork, Thief River Falls, MN</b> | <b>TMI, Dickinson, ND</b>             |
| <b>47    Cabinetmakers Inc., Fargo, ND</b>            | <b>JSM, West Fargo, ND</b>            |
| <b>48    Denning Fabrication, Fargo, ND</b>           |                                       |

**49**  
**50    SHOP DRAWINGS AND PRODUCT DATA:**

**51    Submit in accordance with Section 01 3300.**

**52    Provide one set reproducible sepias and one set for Shop Drawing review.**

**53    Indicate materials and wood species, component profiles, fastening, jointing details, finishes, accessories**  
**54    and items furnished by others but installed in woodwork.**

**SECTION 06 4000  
ARCHITECTURAL WOODWORK**

- 1  
2 Indicate cutout locations, plumbing fixtures, mechanical and electrical devices, and other items occurring  
3 in the wood/casework.  
4 Indicate grain for solid lumber and veneer.  
5  
6 Scale:  
7 Plans, elevations, etc: 1/4" to 1'-0" or larger.  
8 Detail Sections: 3" = 1'-0" or full size.  
9 Product data: Submit for hardware and accessories.  
10 Submit manufacturer's maintenance instructions, including precautions in use of cleaning  
11 materials which may be detrimental to surfaces.  
12  
13 Field Measurements: Provide field measurements on the shop drawings. Where field measurements  
14 cannot be made without delaying project, coordinate measurements among trades to ensure proper  
15 fit of wood/casework.  
16  
17 SAMPLES: Submit laminate color samples.  
18 Wood: 4 x12 samples of solid wood; shop finished on one edge and face, for each species used.  
19 Veneer: 12 x 12" veneer faced sample for each species, cut and finish.  
20 Provide step sample showing each stage of the finishing process:  
21 HP Laminates: 12 x 12 on each panel backing, for each color texture and pattern.  
22  
23 DELIVERY, STORAGE AND HANDLING:  
24 Do not deliver architectural woodwork items until site conditions are adequate to receive the Work of this  
25 Section. Protect materials from weather while in transit.  
26  
27 Store indoors, in ventilated areas with a constant but minimum temperature of 60 degrees F. and relative  
28 humidity of 25 to 55 percent.  
29  
30 In cold weather, heat shall have been provided for at least 10 days prior to delivery of product.  
31  
32 WARRANTY: Provide a special warranty with provisions for repairing or replacing, at no additional cost to  
33 the Owner, Architectural Woodwork items that experience defects in workmanship or material for a 2 year  
34 period after substantial completion of the project.  
35  
36 **PRODUCTS:**  
37  
38 QUALITY GRADES: Provide materials, fabrication, and installation conforming to Premium Grade  
39 requirements, unless otherwise noted.  
40  
41 PLASTIC LAMINATE:  
42 Plastic laminate for exposed exterior vertical surfaces( half walls) shall be .030" thick  
43 Vertical Surfacing Grade conforming to NEMA LD 3- 2005, VGS standards including thickness.  
44  
45 Plastic laminate for countertops: scratch resistant, variety by Pionite, in general purpose, .050" thickness  
46 on countertops. Provide 3mm pvc edging in matching color.  
47  
48 Adhesive: Hybrid PVA Type III water resistant adhesive.  
49  
50 Laminate: Pionite ST 606 Suede; Taupe. Note 3mm edging at countertops to match.  
51  
52 STANDING AND RUNNING TRIM: Solid lumber products to be provided.  
53 Interior for Transparent Finish: Red Oak, Plain sliced  
54

**SECTION 06 4000  
ARCHITECTURAL WOODWORK**

- 1 Millwork:  
2 Custom shop milled from Plain sliced select red oak. Provide trim and millwork with eased edges and  
3 routed out backs. Finished thickness shall be provided as detailed.  
4
- 5 **WOOD WORK:**  
6 Woodwork shall be manufactured to meet Premium  
7 requirements of AWI. All surfaces to be finished with wood paneling and plastic laminate as detailed.  
8 Balance the exterior surface laminates with .020" white high pressure interior cabinet liner. Cases shall be  
9 edged with plastic laminated edging.  
10
- 11 Field laminating of plastic laminte may be necessary, unless cabinet shop detail mountable  
12 panels with no exposed fasteners.  
13
- 14 Exposed surfaces shall be Plastic laminate and shall conform to the requirements of the National  
15 Electric Manufacturer's Association (NEMA) Publication Number LD-1-1971 and NEMA LD-3 - 1985.  
16
- 17 ParticleBoard-formaldehyde free: Provide formaldehyde free particleboard meeting ANSI A208.1,  
18 45Lb. density type 2 phenol adhesive, or medium density fiberboard, The following are approved:  
19 1. Medite II by Medex, medium density fiberboard  
20 2. Resincore phenolic particle board by Rodman Industries 262-569-5820.  
21 3. Skyblend by Roseburg forest products meet formeldehyde low emissions, and are  
22 approved on this project.  
23
- 24 ParticleBoard-Fire Resistive: Provide formaldehyde free particleboard meeting ANSI A208.1, type  
25 2 phenol adhesive, class 1 or A firerated, equal to Weyerhauser's FR particle board by Duraflake.  
26
- 27 **CONSTRUCTION:** (plastic laminate)  
28 Countertops: Plastic laminate self-edged with top set backsplash. Core for countertops may be  
29 45 lb. nominal particleboard, M-3 grade, meeting previous specificaitons.  
30
- 31 All countertops provided with balancing sheet .020" thick. Splicing of countertops shall be by using KV  
32 #516 joint tightners, Bolt and plate connections will not be allowed.  
33
- 34 Countertop edges shall be edged with 3mm pvc.  
35
- 36 Note: Plastic laminate for countertops shall be .050" thick, conforming to NEMA LD 3, abrasion  
37 resistant laminate plastic (matching Nevamar's ARP, Wilsonart's High Wear, or equivalent) with  
38 manufacturer and color noted on elevations and details and as specified in the Color Schedule.  
39
- 40 Plastic Laminate Backing Sheet: NEMA LD3; BKV nim. 0.028" thick.  
41 Cabinet Liner: NEMA LD3, Std DLS, Min. 0.020" thick, equal to low pressure melamine; solid color and  
42 matching edge banding where exposed.  
43
- 44 **HARDWARE:**  
45 Plastic Grommets: Hard plastic type designed for countertops by Doug Mockett. Verify colors.  
46 Wire Management: Provide plastic management troughs by Doug Mocket, 2" x 3' nominal. Verify colors.  
47 Shelf Standards and Brackets at Cabinets: 1/4"± holes at 32mm spacing with KV 346 Series (or equal)  
48 shelf supports approved.  
49
- 50 Pencil Drawer: Moulded plastic drawer on ball bearing extension slides; Rockler 39497 or Moulded,  
51 chemical resistant, high density polyethylene with in and out stop features, compartment type drawer  
52 body, and slides in "white, stone grey, black as picked by Architect.  
53  
54

**SECTION 06 4000**  
**ARCHITECTURAL WOODWORK**

- 1 WOOD PANELING:  
2 RIFT OAK:  
3 All paneling shall be furnished in conformance with AWI 500A flush paneling, premium grade.  
4 Manufacturer: Architectural Forest Products, Two Rivers, Wisconsin (920-793-4404 or fax at 920-  
5 793-4003 fax) with Eggers Products 715-381-5310 and FormWood paneling, dist. by Jaeckle  
6 Dist., 608-838-5400, also approved.  
7  
8 Type: Rift cut Red Oak paneling, using FR Duraflake particle board core. Provide in thicknesses  
9 indicated. Class 'A' fire rated. 'A' face graded on exposed face with mill option no. 4 balance sheet at  
10 backside. Matching of adjacent pieces of veneer within each face shall be slip matched (to prevent barber  
11 poling). Panel face assembly shall be center balance matched. Paneling shall be prefinished per AWI  
12 finish specified elsewhere herein.  
13  
14 Grain of paneling shall run horizontally, unless indicated otherwise on drawings or in shop drawings.  
15 Provide custom samples of the multiple finishes required.  
16  
17 PANEL ADHESIVE: PL Urethane premium adhesive by Rexnord Industries or equal. Use hidden  
18 fasteners for attachment or finish nails with holes filled.  
19  
20 BULLET RESISTANT PANELS: (backer panels)  
21 Multi-layered laminated fiberglass sheet, compressed into flat rigid sheets and designed to absorb bullets  
22 without ricochet or penetration per standards. Provide thickness to achieve a Level 3, UL SPSA in  
23 accordance with UL 752.  
24 Approved Manufacturers: Amortex Inc, Schwertz, Tx.; US Bulletproofing, Upper Marlboro, Md.  
25 And Chicago Bullet Proof Systems, Burr Ridge IL.  
26  
27 Installation: Judicial Benches, fronts, end panels, and as detailed; concealed from view inside casework  
28 framing.  
29  
30 FACTORY FINISHING: All wood casework, or wood trimmed plam casework, and millwork and paneling  
31 specified below, shall be prefinished at the factory per AWI Section 1500, premium grade, System TR-6  
32 (AWI#5), catalyzed polyurethane, satin finish (or equivalent approved finish system);  
33  
34 Match stain submitted by Architect. Provide samples indicating stain, finish samples.  
35  
36 Shop paint reveals satin or flat black.  
37  
38 FABRICATION:  
39 Fabricate Wood work per reviewed shop drawings.  
40  
41 Size units for ease of handling and to permit passage/delivery through building openings.  
42  
43 Shop seal concealed and semi-concealed surfaces with sealer; Brush apply only. Seal all cut-out  
44 locations.  
45  
46 Provide where not otherwise indicated proper mountings for hardware, including snuggers, catches, etc.  
47  
48 Provide cutouts and holes for such items such as sinks, fittings, risers, ducts, and other features furnished  
49 into the work of this section. Where it is impractical to shop cut these items, field cutting and coordination  
50 will be required.  
51  
52 Shop assemble work as much as practically possible. If necessary to insure best results, complete units  
53 shall be assembled in the shop and then partially disassembled into workable sections for shipping and  
54 project coordination. Necessary joints for shipping shall be approved type.

**SECTION 06 4000  
ARCHITECTURAL WOODWORK**

- 1  
2 Provide a routed, grooved or kerfed back on all flat millwork trim.  
3  
4 **EXECUTION:**  
5  
6 **GENERAL:**  
7 Work of this Section is classified Premium Grade according to AWI Quality Standards, Section 1700.  
8 These exacting standards apply to field installation and will be used as guides for acceptance or rejection  
9 of Work.  
10  
11 Employ only the highest quality craftsmen and methods to perform installation Work.  
12  
13 **COORDINATION:**  
14 Coordinate with other trades as required to insure proper clearances, field dimensions, backing and  
15 blocking, etc.  
16  
17 Coordinate locations of all electrical outlets, or connection in close proximity to millwork installations. Work  
18 in close coordination with Division 26 Electrical Contractor.  
19  
20 Coordinate the locations of all backing and blocking with Section 06 1000, and Drywall contractor.  
21  
22 **INSTALLATION:**  
23 Coordinate blocking installation and placement with Section 06 1000. Scribe and closely fit to adjacent  
24 construction. Shim as necessary with concealed shims. Make cutouts as required for mechanical and  
25 electrical items.  
26  
27 Install prefinished millwork free from hammer or tool marks, open joints, slivers, or other defects  
28 detrimental to appearance or performance. Install in as long of lengths as possible, with minimum number  
29 of joints.  
30  
31 Leave surfaces clean and true with exposed wood sanded parallel with grain, free of discernible marks  
32 and ready for putty filler. Set millwork plumb, level, square and true. Scribe to floors and walls as  
33 required. Cope returns, and Miter corners, countersink nails, drill holes in millwork.  
34  
35 Field touchup the finish system in manner approved and equivalent to the Shop finish.  
36  
37 Install work after building's humidity is at an acceptable level.  
38  
39 Ensure that mechanical and electrical items affecting this section are properly placed, complete, prior to  
40 commencement of installation.  
41  
42 Wood work: Install without distortion so that doors and drawers fit openings properly and area accurately  
43 aligned. Install separate base frame and level in prior to mounting base cabinets.  
44  
45 Provide on-site sealing of all cutouts in wood/casework.  
46  
47 Adjust hardware to center doors and drawers in openings and to provide unencumbered operation.  
48 Complete installation of hardware and accessory items as indicated.  
49 Maintain veneer sequence matching of cabinets.  
50  
51 Tops: Securely anchor to screen fronts and sides, and other support systems.  
52  
53 Install sealant in joints between Work of this Section and other surfaces where indicated on Drawings or  
54 otherwise required to give finished appearance.

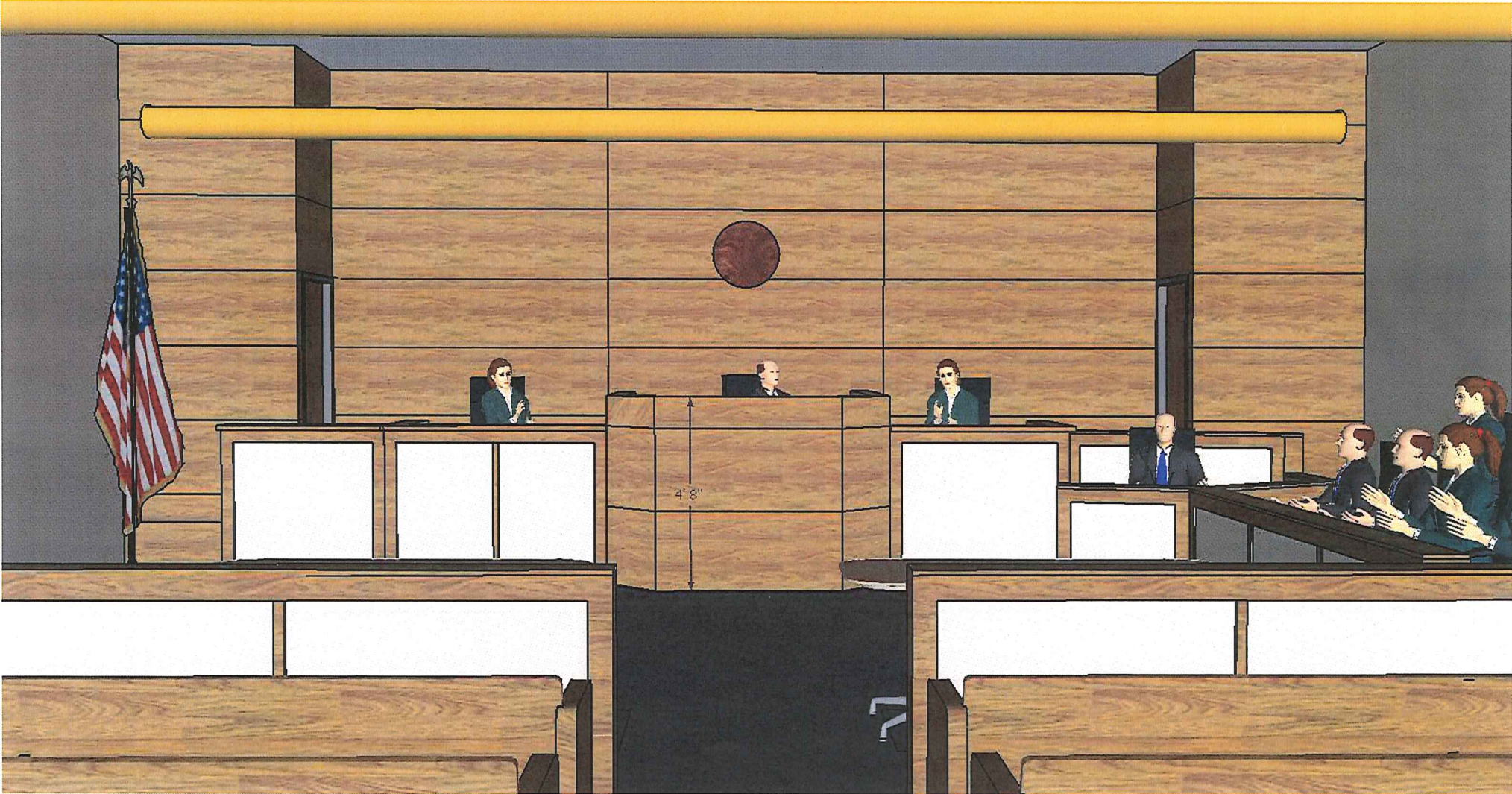


**SECTION 06 4000**  
**ARCHITECTURAL WOODWORK**

- 1  
2 Install prefinished wood in accordance with recommended installation instructions of manufacturer. Do  
3 not face nail, unless permitted by Architect. Fill nail holes with matching filler and touch up or replace  
4 damaged paneling to the satisfaction of the Architect.  
5  
6 TOUCH UP of PREFINISHED WOODWOORK: Touch up all prefinished wood casework/millwork after  
7 installation. Use stain/finish to match the shop finish. This repair/touch up is by this Section 06 4000.  
8  
9 PROTECTION:  
10 Protect all woodwork from defacement or damage, until final completion of project.  
11 Clean installed woodwork by providing initial wipe down of woodwork.  
12  
13  
14

END OF SECTION

06 4000-6

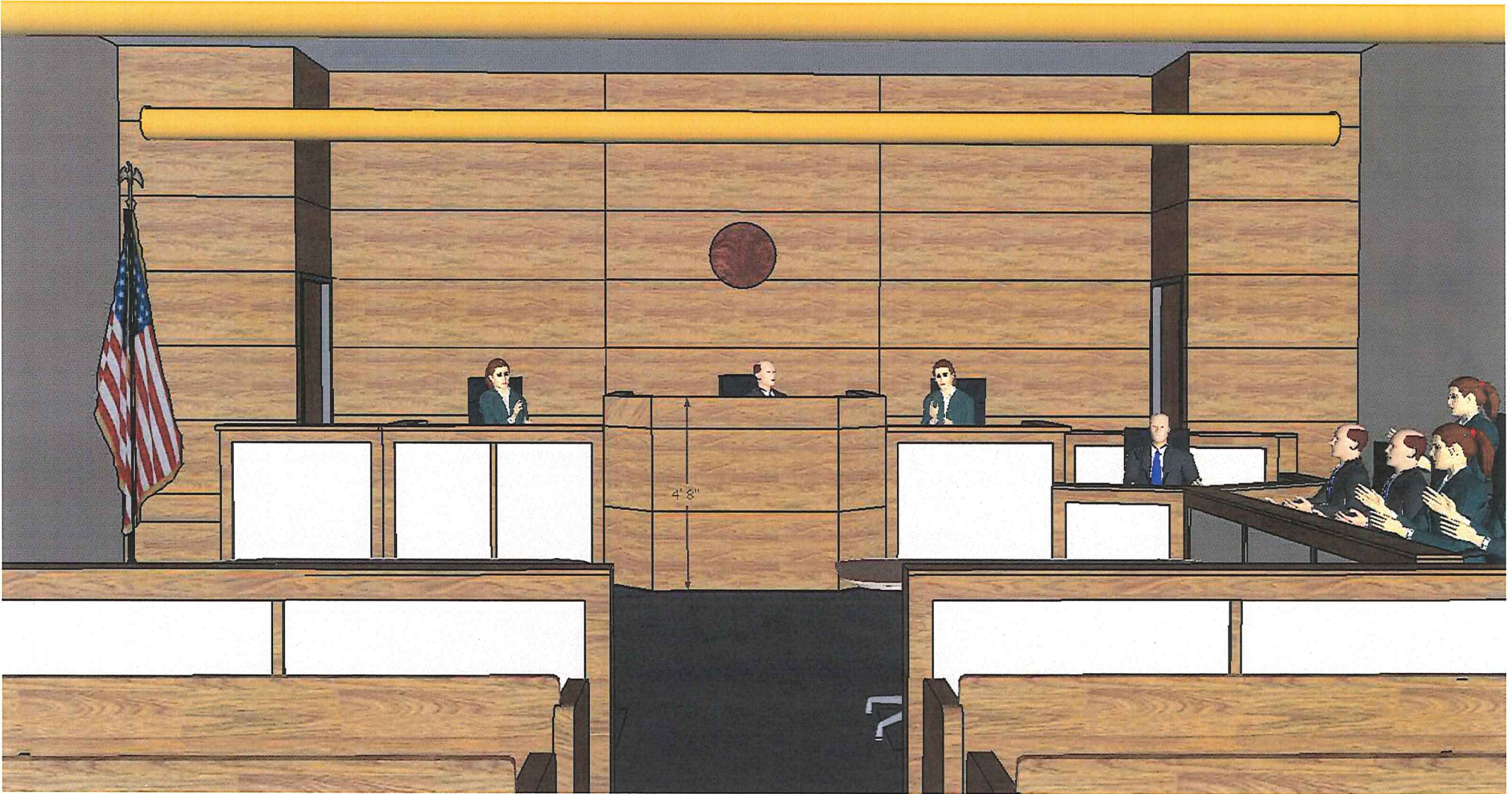




Top raised to 56"



Top raised to 56" and added additional 6" platform at judges bench



4' 8"