

Ralph J. Stephenson, P. E., P. C.  
Consulting Engineer

December 27, 1995

**To:** Darrel Ashby  
**From:** Ralph J. Stephenson  
**Re:** Draft of procurement matrix

Dear Darrel:

Attached are two preliminary, unedited runs of the procurement matrix you and I discussed Tuesday afternoon.

Run A is entitled Master List and includes all identified-to-date special procurement items for the major buildings at the resort. There are many more standard items to add and I intend to do this with the project managers in my regular planning and monitoring meetings with them.

Run B is entitled Casino Building and includes only those items that currently are included in the Casino Building proper. Items will also be added to this list as they are identified.

Please note I have started to make corrections in red to the drafts of the matrixes.

The shaded columns are those I will use to roughly determine the overall status of procurement as I monitor the project. Progress across each line item can be easily seen by the checks (√) indicating the action is completed. The unshaded columns immediately to the left of the shaded columns are those you will use for specifically numbering or dating each item.

I have started inserting the CSI codes but do not have a full list of the codes as Perini uses them. I suggest you or each project manager fill in these code items since they make it very easy to do selective runs on the various codes from 01 to 16 (or is it now 17?).

The columns to the left of the CSI codes show the building in which each item is located. These columns are to be filled in as planning proceeds. The location column is merely a backup identification and can be used as an alternate sorting device if desired.

The spaces for dating are somewhat smaller than desirable but you can adjust this on your computer as you generate the master list to be used internally on the job site. I assume you will track delivery items from your matrix for the Casino

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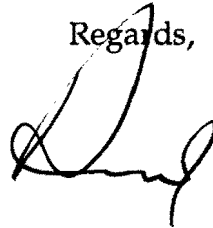
Building, and possibly for the other buildings in the project as Dave or the project managers request of you. It seems that a central source of procurement information might be most useful to the project team. I would appreciate receiving any new data you add to your matrix so I can keep my information files up to date. You and I can also compare information from time to time as it seems appropriate.

I shall keep the enclosed documents for my use only since I don't want to duplicate or cross over the procurement work being done by you, and each project manager and project superintendent. However please feel free to use any information in the enclosed matrixes you wish in setting up your procurement tracking system.

I would appreciate your comments about the arrangement of the matrix. Also I would be pleased to receive current information you put in the in-house matrix for the project. If you have any questions please don't hesitate to call. When you have gone over the material let's compare notes.

Have a wonderful new years!

Regards,

A handwritten signature in black ink, appearing to be 'R. Stephenson', written in a cursive style.

The following codes were developed by the Construction Specifications Institute (CSI) to define types of construction. These codes are an accepted method of determining construction classifications.

Please select the category that best describes the services of your firm, and write in the corresponding five digit number on the CAM survey form. Select a second category that would also apply to your business, and write the five digit number in the "secondary business" section of the survey form.

#### DIVISION 1—GENERAL REQUIREMENTS

01010 SUMMARY OF WORK  
 01020 ALLOWANCES  
 01025 MEASUREMENT AND PAYMENT  
 01030 ALTERNATES/ALTERNATIVES  
 01040 COORDINATION  
 01050 FIELD ENGINEERING  
 01060 REGULATORY REQUIREMENTS  
 01070 ABBREVIATIONS AND SYMBOLS  
 01080 IDENTIFICATION SYSTEMS  
 01090 REFERENCE STANDARDS  
 01100 SPECIAL PROJECT PROCEDURES  
 01200 PROJECT MEETINGS  
 01300 SUBMITTALS  
 01400 QUALITY CONTROL  
 01500 CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS  
 01600 MATERIAL AND EQUIPMENT  
 01650 STARTING OF SYSTEMS/COMMISSIONING  
 01700 CONTRACT CLOSEOUT  
 01800 MAINTENANCE

#### DIVISION 2—SITEWORK

02010 SUBSURFACE INVESTIGATION  
 02050 DEMOLITION  
 02100 SITE PREPARATION  
 02140 DEWATERING  
 02150 SHORING AND UNDERPINNING  
 02160 EXCAVATION SUPPORT SYSTEMS  
 02170 COFFERDAMS  
 02200 EARTHWORK  
 02300 TUNNELING  
 02350 PILES AND CAISSONS  
 02450 RAILROAD WORK  
 02480 MARINE WORK  
 02500 PAVING AND SURFACING  
 02600 PIPED UTILITY MATERIALS  
 02660 WATER DISTRIBUTION  
 02680 FUEL DISTRIBUTION  
 02700 SEWERAGE AND DRAINAGE  
 02760 RESTORATION OF UNDERGROUND PIPELINES  
 02770 PONDS AND RESERVOIRS  
 02780 POWER AND COMMUNICATIONS  
 02800 SITE IMPROVEMENTS  
 02900 LANDSCAPING

#### DIVISION 3—CONCRETE

03100 CONCRETE FORMWORK  
 03200 CONCRETE REINFORCEMENT  
 03250 CONCRETE ACCESSORIES  
 03300 CAST-IN-PLACE CONCRETE  
 03370 CONCRETE CURING  
 03400 PRECAST CONCRETE  
 03500 CEMENTITIOUS DECKS  
 03600 GROUT  
 03700 CONCRETE RESTORATION AND CLEANING  
 03800 MASS CONCRETE

#### DIVISION 4—MASONRY

04100 MORTAR  
 04150 MASONRY ACCESSORIES  
 04200 UNIT MASONRY  
 04400 STONE  
 04500 MASONRY RESTORATION AND CLEANING  
 04550 REFRACTORIES  
 04600 CORROSION RESISTANT MASONRY

#### DIVISION 5—METALS

05010 METAL MATERIALS  
 05030 METAL FINISHES  
 05050 METAL FASTENING  
 05100 STRUCTURAL METAL FRAMING  
 05200 METAL JOISTS  
 05300 METAL DECKING  
 05400 COLD-FORMED METAL FRAMING  
 05500 METAL FABRICATIONS  
 05580 SHEET METAL FABRICATIONS  
 05700 ORNAMENTAL METAL  
 05800 EXPANSION CONTROL  
 05900 HYDRAULIC STRUCTURES

#### DIVISION 6—WOOD AND PLASTICS

06050 FASTENERS AND ADHESIVES  
 06100 ROUGH CARPENTRY  
 06130 HEAVY TIMBER CONSTRUCTION  
 06150 WOOD-METAL SYSTEMS  
 06170 PREFABRICATED STRUCTURAL WOOD  
 06200 FINISH CARPENTRY  
 06300 WOOD TREATMENT  
 06400 ARCHITECTURAL WOODWORK  
 06500 PREFABRICATED STRUCTURAL PLASTICS  
 06600 PLASTIC FABRICATIONS

#### DIVISION 7—THERMAL AND MOISTURE PROTECTION

07100 WATERPROOFING  
 07150 DAMPPROOFING  
 07190 VAPOR AND AIR RETARDERS  
 07200 INSULATION  
 07250 FIREPROOFING  
 07300 SHINGLES AND ROOFING TILES  
 07400 PREFORMED ROOFING AND CLADDING/SIDING  
 07500 MEMBRANE ROOFING  
 07570 TRAFFIC TOPPING  
 07600 FLASHING AND SHEET METAL  
 07700 ROOF SPECIALTIES AND ACCESSORIES  
 07800 SKYLIGHTS  
 07900 JOINT SEALERS

#### DIVISION 8—DOORS AND WINDOWS

08100 METAL DOORS AND FRAMES  
 08200 WOOD AND PLASTIC DOORS  
 08250 DOOR OPENING ASSEMBLIES  
 08300 SPECIAL DOORS  
 08400 ENTRANCES AND STOREFRONTS  
 08500 METAL WINDOWS  
 08600 WOOD AND PLASTIC WINDOWS  
 08650 SPECIAL WINDOWS  
 08700 HARDWARE  
 08800 GLAZING  
 08900 GLAZED CURTAIN WALLS

#### DIVISION 9—FINISHES

09100 METAL SUPPORT SYSTEMS  
 09200 LATH AND PLASTER  
 09230 AGGREGATE COATINGS  
 09250 GYPSUM BOARD  
 09300 TILE  
 09400 TERRAZZO  
 09500 ACOUSTICAL TREATMENT  
 09540 SPECIAL SURFACES  
 09550 WOOD FLOORING  
 09600 STONE FLOORING  
 09630 UNIT MASONRY FLOORING  
 09650 RESILIENT FLOORING  
 09680 CARPET  
 09700 SPECIAL FLOORING  
 09780 FLOOR TREATMENT  
 09800 SPECIAL COATINGS  
 09900 PAINTING  
 09950 WALL COVERINGS

**DIVISION 10—SPECIALTIES**

10100 CHALKBOARDS AND TACKBOARDS  
 10150 COMPARTMENTS AND CUBICLES  
 10200 LOUVERS AND VENTS  
 10240 GRILLES AND SCREENS  
 10250 SERVICE WALL SYSTEMS  
 10280 WALL AND CORNER GUARDS  
 10270 ACCESS FLOORING  
 10280 SPECIALTY MODULES  
 10290 PEST CONTROL  
 10300 FIREPLACES AND STOVES  
 10340 PREFABRICATED EXTERIOR SPECIALTIES  
 10350 FLAGPOLES  
 10400 IDENTIFYING DEVICES  
 10450 PEDESTRIAN CONTROL DEVICES  
 10500 LOCKERS  
 10520 FIRE PROTECTION SPECIALTIES  
 10530 PROTECTIVE COVERS  
 10550 POSTAL SPECIALTIES  
 10600 PARTITIONS  
 10650 OPERABLE PARTITIONS  
 10670 STORAGE SHELVING  
 10700 EXTERIOR SUN CONTROL DEVICES  
 10750 TELEPHONE SPECIALTIES  
 10800 TOILET AND BATH ACCESSORIES  
 10880 SCALES  
 10900 WARDROBE AND CLOSET SPECIALTIES

**DIVISION 11—EQUIPMENT**

11010 MAINTENANCE EQUIPMENT  
 11020 SECURITY AND VAULT EQUIPMENT  
 11030 TELLER AND SERVICE EQUIPMENT  
 11040 ECCLESIASTICAL EQUIPMENT  
 11050 LIBRARY EQUIPMENT  
 11060 THEATER AND STAGE EQUIPMENT  
 11070 INSTRUMENTAL EQUIPMENT  
 11080 REGISTRATION EQUIPMENT  
 11090 CHECKROOM EQUIPMENT  
 11100 MERCANTILE EQUIPMENT  
 11110 COMMERCIAL LAUNDRY AND DRY CLEANING EQUIPMENT  
 11120 VENDING EQUIPMENT  
 11130 AUDIO-VISUAL EQUIPMENT  
 11140 SERVICE STATION EQUIPMENT  
 11150 PARKING CONTROL EQUIPMENT  
 11160 LOADING DOCK EQUIPMENT  
 11170 SOLID WASTE HANDLING EQUIPMENT  
 11190 DETENTION EQUIPMENT  
 11200 WATER SUPPLY AND TREATMENT EQUIPMENT  
 11280 HYDRAULIC GATES AND VALVES  
 11300 FLUID WASTE TREATMENT AND DISPOSAL EQUIPMENT  
 11400 FOOD SERVICE EQUIPMENT  
 11450 RESIDENTIAL EQUIPMENT  
 11460 UNIT KITCHENS  
 11470 DARKROOM EQUIPMENT  
 11480 ATHLETIC, RECREATIONAL AND THERAPEUTIC EQUIPMENT  
 11500 INDUSTRIAL AND PROCESS EQUIPMENT  
 11600 LABORATORY EQUIPMENT  
 11650 PLANETARIUM EQUIPMENT  
 11660 OBSERVATORY EQUIPMENT  
 11700 MEDICAL EQUIPMENT  
 11780 MORTUARY EQUIPMENT  
 11850 NAVIGATION EQUIPMENT

**DIVISION 12—FURNISHINGS**

12050 FABRICS  
 12100 ARTWORK  
 12300 MANUFACTURED CASEWORK  
 12500 WINDOW TREATMENT  
 12600 FURNITURE AND ACCESSORIES  
 12670 RUGS AND MATS  
 12700 MULTIPLE SEATING  
 12800 INTERIOR PLANTS AND PLANTERS

**DIVISION 13—SPECIAL CONSTRUCTION**

13010 AIR SUPPORTED STRUCTURES  
 13020 INTEGRATED ASSEMBLIES  
 13030 SPECIAL PURPOSE ROOMS  
 13080 SOUND, VIBRATION, AND SEISMIC CONTROL  
 13090 RADIATION PROTECTION  
 13100 NUCLEAR REACTORS  
 13120 PRE-ENGINEERED STRUCTURES  
 13150 POOLS  
 13160 ICE RINKS  
 13170 KENNELS AND ANIMAL SHELTERS  
 13180 SITE CONSTRUCTED INCINERATORS  
 13200 LIQUID AND GAS STORAGE TANKS  
 13220 FILTER UNDERDRAINS AND MEDIA  
 13230 DIGESTION TANK COVERS AND APPURTENANCES  
 13240 OXYGENATION SYSTEMS  
 13260 SLUDGE CONDITIONING SYSTEMS  
 13300 UTILITY CONTROL SYSTEMS  
 13400 INDUSTRIAL AND PROCESS CONTROL SYSTEMS  
 13500 RECORDING INSTRUMENTATION  
 13550 TRANSPORTATION CONTROL INSTRUMENTATION  
 13600 SOLAR ENERGY SYSTEMS  
 13700 WIND ENERGY SYSTEMS  
 13800 BUILDING AUTOMATION SYSTEMS  
 13900 FIRE SUPPRESSION AND SUPERVISORY SYSTEMS

**DIVISION 14—CONVEYING SYSTEMS**

14100 DUMBWAITERS  
 14200 ELEVATORS  
 14300 MOVING STAIRS AND WALKS  
 14400 LIFTS  
 14500 MATERIAL HANDLING SYSTEMS  
 14600 HOISTS AND CRANES  
 14700 TURNABLES  
 14800 SCAFFOLDING  
 14900 TRANSPORTATION SYSTEMS

**DIVISION 15—MECHANICAL**

15050 BASIC MECHANICAL MATERIALS AND METHODS  
 15250 MECHANICAL INSULATION  
 15300 FIRE PROTECTION  
 15400 PLUMBING  
 15500 HEATING, VENTILATING, AND AIR CONDITIONING (HVAC)  
 15550 HEAT GENERATION  
 15650 REFRIGERATION  
 15750 HEAT TRANSFER  
 15850 AIR HANDLING  
 15880 AIR DISTRIBUTION  
 15950 CONTROLS  
 15990 TESTING, ADJUSTING, AND BALANCING

**DIVISION 16—ELECTRICAL**

16050 BASIC ELECTRICAL MATERIALS AND METHODS  
 16200 POWER GENERATION  
 16300 HIGH VOLTAGE DISTRIBUTION (Above 600-Volt)  
 16400 SERVICE AND DISTRIBUTION (600-Volt and Below)  
 16500 LIGHTING  
 16600 SPECIAL SYSTEMS  
 16700 COMMUNICATIONS  
 16850 ELECTRIC RESISTANCE HEATING  
 16900 CONTROLS  
 16950 TESTING



**Master List- Chippewa Resort Project  
Procurement Matrix**

Ralph J. Stephenson, P. E.  
Consulting Engineer

Listed by item in alphabetical sequence

*prepare & submit*

item	loc	pd	bh	ca	ho	si	csi	resp	mfr or	verbal	po	po	lead	reqd	chk on	date	iss	awd	appv	fab &	
							cde	cde	vendor	po	sent	returned	time	dvry	dvry	delvrd	cnstr	ctr	sbmtl	sbmtl	dlvr
1 Access doors	ca/			x			10000?		Harrison Construction Co. - furnish and install all doors shown on plans								N	N			
2 Acoustical ceilings	ca/			x			09500		Harrison Construction Co.								N	N			
3 Air handling units	ca/bh		x	x																	
4 Aluminum sash and entries	pd/bh/ca/ ho/	x	x	x	x																
5 Aluminum store front	ca/			x			08400														
6 Architectural metal work	ca/			x			05000?		Architectural Specialties Trading Co.								N	N			
7 Architectural woodwork	ca/			x			06400		Architectural Specialties Trading Co.								N	N			
8 Artificial rock formations	pd/bh/ca/ ho/	x	x	x	x																
9 Boilers	ca/			x																	
10 Bollards	si/					x															
11 Brick pavers	si/					x															
12 Building insulation	ca/			x			07200		Harrison Construction Company								N	N			
13 Carpet	ca/			x			09680		Provided & installed by owner								N	N			
14 Carpet ( bought by others - installed by Perini?)	pd/bh/ca/ ho/	x	x	x	x																
15 Centrifugal fans	ca/																				
16 Ceramic tile work	ca/			x			09300														
17 Chillers	ca/			x																	
18 Concrete flooring (stamped pavers?)	ca/			x																	
19 Concrete mix designs	pd/bh/ca/ ho/si/	x	x	x	x	x															
20 Cooling tower	ca/			x																	

Location abbreviations:  
 si - Site work  
 ho - Hotel  
 ca - Casino building  
 bh - Bingo hall  
 pd - Parking deck

*Call in by abbreviation to make it item is in program for any given component of the project p-bh/pca/p-ho/pd (might have to increase size of list)*

blank - item has not started  
 p - item is in progress  
 v - item is complete

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	item	loc	pd	bh	ca	ho	si	csi cde	resp cde	mfr or vendor	verbal po	po sent	po returned	lead time	reqd dlvry	chk on dlvry	date delvrd	iss cnstr doc	awd ctr	p/s sbmtl	appv sbmtl	fab & dlvr
21	Decorative nuts - colors and samples	pd/	x																			
22	Drywall work	ca/			x			09250		Harrison Construction Company								√	√			
23	Elevator door frames, cabs, and equipment	pd/bh/	x	x																		
24	Entrance grates & floor mats	ca/			x			10000?														
25	Exterior glass at all areas	pd/bh/ca/ ho/	x	x	x	x	x															
26	Exterior metal panels	pd/bh/	x	x																		
27	Fan coil units	ca/			x																	
28	Feature sign or signs	pd/					x															
29	Fiberglas reinforced wall panels	ca/			x			06600?														
30	Finish carpentry	ca/			x			06200		Architectural Specialties Trading Corporation								√	√			
31	Fire extinguishers & cabinets	ca/			x			10520?														
32	Firestopping	ca/			x			07000		Harrison Construction Co.								√	√			
33	Flagpoles	si/					x															
34	Folding partitions and tracks	pd/bh/ca/ ho/?		x	x	x																
35	Food service equipment	bh/ca/ho/		x	x	x																
36	Food service rough in	ca/ho/			x	x																
37	Fountain at building front entry	si/					x															
38	Fountain at main site entry	si/					x															
39	Fountain construction	ca/			x			10000?														
40	Fountains at casino pond	si/					x															

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41	Fountains at hotel pond	si/					x															
42	Fountains in buildings	pd/bh/ca/ ho/?/	x	x	x	x																
43	Glass & glazing	ca/			x			08800?														
44	Grates	si/					x															
45	Grills and diffusers	pd/bh/ca/ ho/	x	x	x	x																
46	Heat exchanger	ca/			x																	
47	High light fixtures at parking deck	pd	x																			
48	Hollow metal doors & frames	ca/			x			08100														
49	Hollow metal frames	pd/bh/ca/ ho/	x	x	x	x																
50	Interior glass at all areas	pd/bh/ca/ ho/	x	x	x	x	x															
51	Irrigation system	si/					x															
52	Joint sealers	ca/			x			07900		American Seal and Restoration								√	√			
53	Life safety systems	pd/bh/ca/ ho/	x	x	x	x	x															
54	Light fixtures AG and AG-1	si/					x															
55	Light fixtures - special for building interiors	pd/bh/ca/ ho/	x	x	x	x																
56	Light fixtures - standard for building interiors	pd/bh/ca/ ho/	x	x	x	x																
57	Light fixtures - standard for site work	si/					x															
58	Lockers - metal	ca/			x			10500														
59	Masonry units	pd/bh/ca/ ho/	x	x	x	x																
60	Metal arches	pd/?/	x																			

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61	Metal fabrication	ca/			x			05500														
62	Metal floor & roof deck	bh/ca/ho/	x	x	x																	
63	Metal railings	pd/bh/ca/ ho/	x	x	x	x	x															
64	Millwork and trim	pd/bh/ca/ ho/	x	x	x	x																
65	Miscellaneous iron frames	pd/bh/ca/ ho/	x	x	x	x																
66	Miscellaneous metal stairs	pd/bh/ca/ ho/	x	x	x	x																
67	Neon lighting	pd/?/	x																			
68	Non standard length metal studs	pd/bh/ca/ ho/	x	x	x	x																
69	Painting	ca/			x			09900		Madias Brothers								√	√			
70	Parking controls and devices	pd/si/	x				x															
71	Pavers at fire road	si/					x															
72	Planters	si/					x															
73	Plastic laminates (special colors?)	pd/bh/ca/ ho/?	x	x	x	x																
74	Plumbing fixtures	pd/bh/ca/ ho/	x	x	x	x																
75	Power to pylon sign - might come off M20 or Leaton and be installed by Tribe, Consumers and/or Perini	si/					x															
76	Precast structural components - section 1	pd/	x																			
77	Precast structural components - section 2	pd/	x																			
78	Precast structural components - section 3	pd/	x																			
79	Precast structural components - section 4	pd/	x																			
80	Precast structural components - section 5	pd/	x																			

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81	Precast structural components - section 6	pd/	x																			
82	Primary power - From central plant to bingo	si/					x															
83	Primary power - From central plant to hotel	si/					x															
84	Primary power - From entry to central plant	si/					x															
85	Primary power - not in site budget	si/					x															
86	Pumps	?																				
87	Pylon sign	si/					x															
88	Resilient flooring & base	ca/			x			09650														
89	Resilient tile	pd/bh/ca/ ho/	x	x	x	x																
90	Rolling doors & grills	ca/			x			08100														
91	Roof exhaust fans	ca/			x																	
92	Rough carpentry	ca/			x			06100		Architectural Specialties Trading Corporation								√	√			
93	Signage	pd/bh/ca/ a/si/?	x	x	x	x	x															
94	Site pavers	si/					x															
95	Site railing	si/					x															
96	Spring landscaping	si/					x															
97	Stair tower exterior siding	pd	x																			
98	Stair tower fiberglass shingles	pd	x																			
99	Steel joists	pd/bh/ca/	x	x	x																	
100	Stone caps	pd	x																			

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101 Stone veneer		pd	x																		
102 Stone work - exterior & interior		ca/			x		04400		Davenport Masonry								√	√			
103 Structural steel		pd/bh/ca/	x	x	x																
104 Toilet compartments - metal		ca/			x		10800														
105 Toilet partitions		pd/bh/ca/ ho/	x	x	x	x															
106 Toilet room accessories		ca/			x		10800														
107 Trees		bh/ca/ho/	x	x	x																
108 Wall blocking information		pd/bh/ca/ ho/?	x	x	x	x															
109 Wall & corner guards		ca/			x		10260														
110 Wall covering		ca/			x		09950		Provided by owner - installed by Madias Brothers								√	√			
111 Wall covering - special design		pd/bh/ca/ ho/?	x	x	x	x															
112 Wall treatments		pd/bh/ca/ ho/?	x	x	x	x															
113 Wardrobe & closet specialties		ca/			x		10900														
114 Wheel stops		si/pd/	x																		
115 Window treatment		ca/			x		12500														
116 Wood ceilings		pd/bh/ca/ ho/?	x	x	x	x															
117 Wood doors		ca/			x		08200		Architectural Specialties Trading Corporation								√	√			
118 Wood flooring		ca/			x		09550														
119 Wood laminated trusses		ca/			x																

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**Casino Building- Chippewa Resort  
Project Procurement Matrix**

Ralph J. Stephenson, P. E.  
Consulting Engineer

Listed by item in alphabetical sequence

item	loc	pd	ca	ho	si	csi	resp	mfr or	verbal	po	po	lead	reqd	chk on	date	iss	awd	p/s	appv	fab &
						cde	cde	vendor	po	sent	returned	time	divry	divry	delvrd	cnstr	ctr	sbmtl	sbmtl	divr
																doc				
1 Access doors	ca/				x		10000?	Harrison Construction Co. - furnish and install all doors shown on plans								√	N			
2 Acoustical ceilings	ca/				x		09500	Harrison Construction Co.								√	N			
3 Air handling units	ca/bh			x	x															
4 Aluminum sash and entries	pd/bh/ca/ ho/	x	x	x	x															
5 Aluminum store front	ca/				x		08400													
6 Architectural metal work	ca/				x		05000?	Architectural Specialties Trading Co.								√	N			
7 Architectural woodwork	ca/				x		06400	Architectural Specialties Trading Co.								√	N			
8 Artificial rock formations	pd/bh/ca/ ho/	x	x	x	x															
9 Boilers	ca/				x															
10 Building insulation	ca/				x		07200	Harrison Construction Company								√	N			
11 Carpet	ca/				x		09680	Provided & installed by owner								√	N			
12 Carpet (bought by others - installed by Perini?)	pd/bh/ca/ ho/	x	x	x	x															
13 Ceramic tile work	ca/				x		09300													
14 Chillers	ca/				x															
15 Concrete flooring (stamped pavers?)	ca/				x															
16 Concrete mix designs	pd/bh/ca/ ho/si/	x	x	x	x	x														
17 Cooling tower	ca/				x															
18 Drywall work	ca/				x		09250	Harrison Construction Company								√	N			
19 Entrance grates & floor mats	ca/				x		10000?													
20 Exterior glass at all areas	pd/bh/ca/ ho/	x	x	x	x	x														

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21	Fan coil units	ca/			x																	
22	Fiberglas reinforced wall panels	ca/			x			06600?														
23	Finish carpentry	ca/			x			06200		Architectural Specialties Trading Corporation								√	√			
24	Fire extinguishers & cabinets	ca/			x			10520?														
25	Firestopping	ca/			x			07000		Harrison Construction Co.								√	√			
26	Folding partitions and tracks	pd/bh/ca/ ho/?		x	x	x																
27	Food service equipment	bh/ca/ho/		x	x	x																
28	Food service rough in	ca/ho/			x	x																
29	Fountain construction	ca/			x			10000?														
30	Fountains in buildings	pd/bh/ca/ ho/?/	x	x	x	x																
31	Glass & glazing	ca/			x			08800?														
32	Grills and diffusers	pd/bh/ca/ ho/	x	x	x	x																
33	Heat exchanger	ca/			x																	
34	Hollow metal doors & frames	ca/			x			08100														
35	Hollow metal frames	pd/bh/ca/ ho/	x	x	x	x																
36	Interior glass at all areas	pd/bh/ca/ ho/	x	x	x	x	x															
37	Joint sealers	ca/			x			07900		American Seal and Restoration								√	√			
38	Life safety systems	pd/bh/ca/ ho/	x	x	x	x	x															
39	Light fixtures - special for building interiors	pd/bh/ca/ ho/	x	x	x	x																
40	Light fixtures - standard for building interiors	pd/bh/ca/ ho/	x	x	x	x																

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41	Lockers - metal	ca/			x			10500														
42	Masonry units	pd/bh/ca/ ho/	x	x	x	x																
43	Metal fabrication	ca/			x			05500														
44	Metal floor & roof deck	bh/ca/ho/	x	x	x																	
45	Metal railings	pd/bh/ca/ ho/	x	x	x	x	x															
46	Millwork and trim	pd/bh/ca/ ho/	x	x	x	x																
47	Miscellaneous iron frames	pd/bh/ca/ ho/	x	x	x	x																
48	Miscellaneous metal stairs	pd/bh/ca/ ho/	x	x	x	x																
49	Non standard length metal studs	pd/bh/ca/ ho/	x	x	x	x																
50	Painting	ca/			x			09900		Madias Brothers								√	√			
51	Plastic laminates (special colors?)	pd/bh/ca/ ho/?	x	x	x	x																
52	Plumbing fixtures	pd/bh/ca/ ho/	x	x	x	x																
53	Resilient flooring & base	ca/			x			09650														
54	Resilient tile	pd/bh/ca/ ho/	x	x	x	x																
55	Rolling doors & grills	ca/			x			08100														
56	Roof exhaust fans	ca/			x																	
57	Rough carpentry	ca/			x			06100		Architectural Specialties Trading Corporation								√	√			
58	Signage	pd/bh/ca/ a/si/?	x	x	x	x	x															
59	Steel joists	pd/bh/ca/	x	x	x																	
60	Stone work - exterior & interior	ca/			x			04400		Davenport Masonry								√	√			

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								cde	cde	vendor	po	sent	returned	time	dlvry	dlvry	delvrd	cnstr	ctr	sbmtl	sbmtl	dlvr	
61	Structural steel	pd/bh/ca/	x	x	x																		
62	Toilet compartments - metal	ca/			x			10800															
63	Toilet partitions	pd/bh/ca/ ho/	x	x	x	x																	
64	Toilet room accessories	ca/			x			10800															
65	Trees	bh/ca/ho/	x	x	x																		
66	Wall blocking information	pd/bh/ca/ ho/?	x	x	x	x																	
67	Wall & corner guards	ca/			x			10260															
68	Wall covering	ca/			x			09950		Provided by owner - installed by Madias Brothers								√	√				
69	Wall covering - special design	pd/bh/ca/ ho/?	x	x	x	x																	
70	Wall treatments	pd/bh/ca/ ho/?	x	x	x	x																	
71	Wardrobe & closet specialties	ca/			x			10900															
72	Window treatment	ca/			x			12500															
73	Wood ceilings	pd/bh/ca/ ho/?	x	x	x	x																	
74	Wood doors	ca/			x			08200		Architectural Specialties Trading Corporation								√	√				
75	Wood flooring	ca/			x			09550															
76	Wood laminated trusses	ca/			x																		

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