



Building & Fire Department Meeting Checklist

| | | | |
|---------------------------|--|----------------------------|-----------------------------------|
| Date: | 5/9/2006 | Home Depot PM: | Latas Riley |
| Division: | Central South | Due Diligence By: | Casco - Mike Lee |
| Project Name: | Wichita, Kansas | Project Architect: | WD Partners: Shawn Boysko |
| Store Number: | SS-01428.2001 | Scheduled CD Start: | TBD |
| Store Location: | SWQ of South Broadway Street and East 47th Street South | Permit Date: | TBD |
| Meeting Location: | 455 North Main, 11th floor, Wichita, KS 67202 | Bid Date: | TBD |
| WD Project Number: | HDPB31101 | SDC Site Plan No.: | site plan #KS-C08i, dated 4/06/06 |

Attendees

| Name - Title | Company | Phone / Fax | Email |
|---|---------------------------------------|----------------------------------|--|
| Latas Riley <i>Home Depot PM</i> | Home Depot | (972) 402-3915 (972) 402-3871 | latas_riley@homedepot.com |
| Mike Lee and Greg Geotte <i>Site Development Coordinator</i> | Casco | (314) 821-1100 fax | mike_lee@casco.com |
| Russ Mower <i>Fire Protection Consultant</i> | TVA Fire & Safety | (972) 608-8855 (972) 781-2499 | rmower@telqian.com |
| Shawn Boysko <i>Client Manager</i> | WD Partners | (614) 232-0137 (614) 225-0972 | shawn.boysko@wdpartners.com |
| Sam Malinowsky - did not attend <i>Civil Engineer</i> | Kaw Valley Engineering | (785) 762-5040 (785) 762-7744 | malinowsky@kveng.com |
| Paul Hays <i>Senior Plans Examiner</i> | City of Wichita - Central Inspections | (316) 268-4477 (316) 268-4663 | phays@wichita.gov |
| Bob Thompson & Steve Schowalter <i>Fire Marshall</i> | City of Wichita - Fire Dept. | (316) 268-4441 (316) 268-4409 | sschowalter@wichita.gov rthompson@wichita.gov |
| Bill Perkins <i>Engineering Technician II (water)</i> | City of Wichita - Water & Sewer | (316) 268-4555 fax | bperkins@wichita.gov |
| Scott Linderbak <i>Engineering Dept.</i> | City of Wichita - Water & Sewer | (316) 268-4119 (316) 337-9027 | slindebak@wichita.gov |
| | | | |
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Code Requirements

| | | | |
|--|---------------------|--------------------|-----------------------------|
| Building Code: | 2000 IBC | Amendments: | * yes |
| Plumbing Code: | 2000 UPC | Amendments: | * yes |
| Mechanical Code: | 2000 IMC | Amendments: | * yes |
| Electrical Code: | 2005 NEC | Amendments: | * yes |
| Energy Code: | 2000 IECC | Amendments: | None adopted. Not enforced. |
| Accessibility Code: | 2000 ADA | Amendments: | * yes |
| Fire Prevention Code: | 2000 IFC | Amendments: | * yes |
| NFPA Standard Edition: | 2002 NFPA 72 and 13 | Amendments: | * yes |
| Comments: * refer to City of Wichita website www.wichita.gov/CityOffices/CityManager for all applicable local amendments. | | | |

Construction Classification

| | | | |
|---------------------------|--|--|---|
| Occupancy: | M - Mercantile (Primary use) | Comments: | Incidental uses (B & S1) less than 10% of building area. |
| Construction Type: | VB (combustible), per 2000 IBC, S. 602.5 | OSB board substitution for plywood: <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Not Acceptable | Plywood to be fire treated: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Floor Area: | Unlimited Building Area | Comments: | Bldg must be surrounded by permanent open space (public way or yard) no less than 60'-0" or may be reduced to 40'-0" with 3 hr fire rated exterior wall & protected openings, per 2003 IBC, S. 507.4. |
| | Building 4 Corners Rectangle | | |
| | Garden Center 35k Prototype | | |
| | TRC 2k Prototype | | |
| Fire Protection: | Fully protected with wet and dry pipe systems. | | |
| Frost Line Depth: | 24 inches | | |
| Snow Load: | 15 psf | Snow Load at Ground: | 20 psf |
| Annual Rainfall: | 4.0"/hour, based on a 100 year event. | | |
| Seismic Zone : | Category 1 per UBC. No seismic activity per IBC. | | |
| Wind Speed: | 90 mph | | |



SITE / BUILDING REVIEW

Plumbing Fixture Count:

(see Additional Building
Dept Comment #1)

Men: 3 Water Closets (1/500) + 2 Urinals + 3 lavatories (1/750)

Women: 5 Water Closets (1/500) + 3 lavatories (1/750)

Other: 1 unisex restrooms; and 4 drinking fountains

Special Plumbing Fixture Requirements:

Toilet facilities shall not exceed 500'-0" travel distance, per 2003 IPC S. 403.6

Fire Department Access

Road Widths: Okay as Shown 30' Minimum Other: 26.0'

Proximity to Building: Okay as Shown Other _____

Max dead-end length: n/a

Turning Radius: 50' Outside Radius

Const. Site Access: Support X tons Proximity to Building: _____

Designated Fire Lanes: Fire lane to have 6" red strip with 4" white letters indicating "NO PARKING FIRE LANE" every 35.0 feet.

Posting Fire Lanes: Signage every 50"

Overhead Obstruction: 13'-6" Other: _____

Temp Access Roadway Req'mts.: Provide all weather (gravel) temporary access road/fire lane PRIOR to going vertical with any construction.

Fire Hydrants

Street Spacing: Every 500' IAW IFC

Locations: Around fire lanes

Post Protection: Post or curb protection required

Min distance to bldg: non stated

Max dist from bldg: none stated

Method of measurement: as hose lays

Private/Public system: Public

Max dist to FDC: 150'

Preferred Mfr: Mueller

Outlet size and thread: 2 - 2 1/2" NST and 1 - 4" Wichita Thread

Other requirements: _____

Fire Department Connection

Type (Post or Wall): Wall

Location: Rear of Bldg

Required distance from generator: 10'

Required distance from building: n/a

Size and # of hose connection: Our Choice - Storz or 2 1/2"

Thread: NST Storz Other: _____

Maximum distance from hydrant: 150'

Water Supply

Is Fire Flow per NFPA 13 only? Yes No

UFC / IFC method of calculation: Water flow ont completed - no contract yet.

Is review water flow test consistent with area? Yes No

Water Tank

What is the size of the water tank? Volume / max height: No water tank required

Where is the tank located? Above ground Below Ground Other: _____

Tank refill time requirement? 8 hours Other: _____

If the fire-tank is separate from the domestic supply (from a well) there is no backflow prevention. Is this acceptable? Yes No

If the fire-tank is not separate from the domestic supply, what are the tank backflow requirements? bfd comments

Public / Private Main Water Supply

Control valve type: Roadway Valve

Location: In Easement

Other: bfd comments

Fire Service Lead-In

Is a valve pit required? Yes No

Pit valve monitoring: None Chain & Lock Supervised by F/A System

FDC at Pit? Yes No

Type of Water Meter: Bypass Full flow thru Meter None

Backflow location: vault outside building vault at Right of Way inside Pump Room (vertical)

Backflow type: RPZ DC Valve DDCV

Approvals Required? Yes No

Specific Manufacturer? No Yes

Orientation: Vertical Horizontal

Remote PIV Required? Yes No

Location: bfd comments

Other requirements: Ames 3000 okay



Fire Service: Based on Fire Flow Test Analysis as completed on: 00/00/06
 Water Tank Size: TBD fire pump size: required (prototypical size)
 Private/Public system: Anticipate a public system. Fire service designed by THD and dedicated to the city.

Domestic Service:
 Domestic service tap-off from: fire line inside bldg pump room. fire line outside building in vault city water main in vault at ROW
 Meter location: vault at ROW vault outside building inside pump room
 Backflow location: vault at ROW vault outside building inside pump room
 Backflow type: RPZ DC Valve NA

Irrigation Service:
 Irrigation service tap-off from: fire line inside bldg pump room. fire line outside building in vault city water main in vault at ROW
 Meter location: vault at ROW vault outside building inside pump room
 Backflow location: vault at ROW vault outside building inside pump room
 Backflow type: RPZ DC Valve NA

Other Water Service Requirements: Contact Bill Perkins at Waste Water Dept for water tap and meter locations and BFP type/location.

Fire department access doors: 2000 IFC (S. 2306.6) will require one access door every 100 lineal feet of exterior wall which fire apparatus access roads.
 Access doors spacing per IFC/UFC: 200.0' Spacing 100.0' Spacing
 Perimeter exit door exterior hardware required: Yes. No, except pump & receiving doors.

Door Access System Knox Box Requirements: other requirements
 Locations: Front Entrance and Pump Room Pump Room Only not applicable
 Type of Knox Box: Key Only Haz Mat Box Other:
 Type of Mounting: Surface Recessed Mounting Height: 8'-0"
 Tamper Requirements: Tied to FA System Tamper proof box. Owner Option
 From who is the knox box order form available: Obtain knox box application from Fire Dept.

Means of Egress:
 Aisle Widths: 44" to 96" wide at 16' high racking
 Panic Hardware: Panic hardware at all building exit doors (7), garden center (3) & TRC (2).
 Time delay hardware 15 second delay is acceptable (comply with six conditions of IBC). Not Acceptable.
 Exit signs: Self-Illuminated Green Red
 Emergency lighting Main Aisles Only Other

Sliding doors at front entry/exits are provided with key locks on the interior for locking after hours. Signage will be posted to keep door unlocked during business hours. Does this cause a problem? (see Additional Building Dept Comment #2)
 Thumb-turns are acceptable Keyed locks are acceptable measured along radius

Travel Distance to exit: 250'-0" lineal feet measured along aisle way measured along radius

Occupancy Load and Exit Capacity:

| | Building: | TRC | Garden Center: |
|----------------------------|------------------|--------------|-----------------------|
| Gross Area (sf) | <u>102,867</u> | <u>2,000</u> | <u>34,760</u> |
| (M at 1/30) Occupancy (oc) | <u>3,429</u> | <u>60</u> | <u>1,159</u> |
| Exit Width - Required (in) | <u>514</u> | <u>9</u> | <u>174</u> |
| Exit Width - Provided (in) | <u>655</u> | <u>84</u> | <u>240</u> |

The Home Depot installs 12" non-illuminated address numbers on the building.
 Verify a location which is acceptable to the city: above entry door sliders (prototypical location)
 When will an address be assigned? Assigned when permit documents are submitted to Central Inspections Dept.
 Who can be contacted to obtain the address? Assigned by Central Inspections Dept. Home Depot may request a Broadway St. address.

Tool Rental Center (TRC) Design:
 Occupancy classification (evaluated as incidental use with area less than 10% of bldg area)
 Mercantile Storage (S-1) or (S-3) Other
 Separation from main store One Hour Other
 Separation between Maintenance Room and TRC One Hour Other
 Special requirements: None.

A separate propane cylinder rack will be provided to supply forklifts (not to be used for retail sales). This rack is for storage of propane cylinders only; there is no transfer of fuel.
 Is this allowable? Yes No. Comments:
 Verify location and setback of all sides, property lines and different uses: comments

The Home Depot also has electric forklifts, and has battery chargers in the receiving area. No special ventilation is provided as the concentration
 Is this acceptable? Yes No. Comments:



The Home Depot utilizes a self-contained compactor within the loading dock area.
 Are there special requirements for this trash compactor? No special requirements for the compactor.
 Any special requirements by the AHJ and/or Fire Department? Eng. Dept will require a roof over the dock with drain to sanitary and 75 gallon interceptor.

Loading dock area drainage design:
 Trench drain connection to storm drain. Is this acceptable? Yes No
 Does the City have any other requirements (i.e. add an oil interceptor or sand trap at dock)? Connect to sanitary system with roof.

Tool Rental Center (TRC) Wash-Down Area Design: *if applicable*
 Interior oil interceptor (60 gal) shall be tied to sanitary system. Acceptable Not Acceptable
 Catch basin drain to oil interceptor (75 gal) and tied to sanitary system? Acceptable with roof Not Acceptable
 Special requirements: Eng. Dept will require a roof over the TRC Enclosure with 75 gallon oil and grease interceptor.

Garden Center House Plant Enclosure (HPE) Design: *if applicable*
 HPE sheet drain catch basin (storm) beyond garden center: Acceptable Not Acceptable
 HPE drain to separate interior catch basin (sanitary): Acceptable Not Required
 HPE included in parking requirements: Yes No
 Special requirements: No special requirements.

RTU or Evaporative Cooler condensate design:
 Spill to roof Piped to storm drain Piped to sanitary system.
 Special requirements: No special requirements.

Pump Room Design **Fire Pump:** required (prototypical size)
 Floor drain allowed to discharge into the sanitary system: Acceptable Not Acceptable
 Special requirements: No special requirements.

Draft Curtains: Not Applicable. Alternate method Maximum curtained area

Smoke and heat vents are equally distributed per the fire code:
 Type of Vent: Pop-up heat & smoke vents
 Ratio of Vent to Floor: 1 to 100 ratio
 Layout/locations: Locate vents through-out building and office package (excludes TRC).
 Manual Release: From the roof with fusible link inside building.
 Fusible Link Temperature: 50 degrees higher than sprinkler head rating. EC-25 head is rated at 213 degrees F.
 Other Requirements: Provide an interior manual release to accessible location along aisles at 5.0' AFF

Mechanical Smoke Removal System: *not applicable*
 Performance Based Design Appeal Acceptable Not Acceptable
 If not approved, where can the appeal be sent? _____
 Location of Manual Switches: _____

Vapor Barrier:
 The Home Depot does not install a vapor barrier under the slab. Acceptable Not Acceptable
 Comments: No vapor barrier is required, per IBC S. 1911.1 Exception # 3 & 5.

Roof access to be: Ladder (proto) Ships Ladder Ships Ladder with landing
 OSHA fall protection to be: Telescoping Post Rail

Kitchen "Easy Bake" Displays: Is non-com construction required? Yes No. combustible wood is acceptable

Any electrical restrictions limiting use of modular wiring (re-lock)? Yes, see code amendments None, no restrictions

Exterior electrical disconnect required by AHJ: Yes No

OCCUPANCY

Restriction on construction hours or c No restrictions. No adjacent residential areas. Only enforced upon complaint.

Noise Ordinance Restrictions: No restrictions. No adjacent residential areas. Only enforced upon complaint.

Certificate of Occupancy or Temporary Certificate of Occupancy issued by: Central Inspections Dept.
 When are these issued? Issued upon completion of all construction and approval by inspectors.

Can a Permanent C of O be obtained with base paving and temporary striping in parking lot, or will a temporary C of O be required? Temporary Certificate of occupancy.

Can a Permanent C of O be obtained without landscaping and with a letter of credit or Bond, or will a temporary C of O be required? Final Certificate of Occupancy can be issued with letter of credit or Bond.

Depot hires a racking contractor to install fixtures prior to C of O. Acceptable Not Acceptable
 Separate Racking permit required: Yes No
 Any fire protection or seismic requirements for racking: None.

The Home Depot will request a temporary Certificate of Occupancy be issued to allow installation and merchandising in the store. The contractor will have completed all means of egress, exit signage, fire protection system and building security and be inspected by the Building and Fire Departments prior to these beginning.
 Acceptable Not Acceptable
 What is the timing? no comments

Special License for Contractors or Sub Contractors required by the City or State in addition to Contractors license:
 Yes No

Comments: All contractors must be licensed with the city. GC must use local licensed FA Contractor to install all devices.



FIRE PROTECTION SYSTEMS:

Fire Protection Plan

General Comments: _____

Automatic Sprinkler System (NFPA 231C & 13)

Riser Control Valves

- | | | | | | | |
|-----------------------------|-------------------------------------|---------------|-------------------------------------|-----------------------|--------------------------|--------|
| Interior Control Only | <input checked="" type="checkbox"/> | Acceptable | <input type="checkbox"/> | Not required | | |
| Exterior Wall Mounted | <input type="checkbox"/> | Acceptable | <input checked="" type="checkbox"/> | Not required | | |
| Riser room access (no pump) | <input checked="" type="checkbox"/> | Exterior Only | <input type="checkbox"/> | Interior and Exterior | | |
| Riser room enclosure rating | <input type="checkbox"/> | None | <input checked="" type="checkbox"/> | 1 hour | <input type="checkbox"/> | 2 hour |

Other requirements: _____

Sub-system Control Valves (interior control only)

- | | | | | |
|--|-------------------------------------|------------|--------------------------|--------------|
| For in-rack sprinklers, are valves in each drop 16' level: | <input checked="" type="checkbox"/> | Allowed | <input type="checkbox"/> | Not Allowed |
| Valve supervision is required for in-rack sprinklers? | <input checked="" type="checkbox"/> | Electronic | <input type="checkbox"/> | Chain & lock |

Other: _____

Fire Pump (NFPA 20)

- | | | | | |
|-------|-------------------------------------|----------|--------------------------|--------|
| Type: | <input checked="" type="checkbox"/> | Electric | <input type="checkbox"/> | Diesel |
|-------|-------------------------------------|----------|--------------------------|--------|

Fire Pump Back-up Requirements: (see Additional Fire Dept Comment #1)

- | | | | | | | |
|--|-------------------------------------|-------------------------------|-------------------------------------|-----------------------------------|--------------------------|------|
| If pump is required, can it be tapped ahead of the main service? | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No | | |
| Is a secondary electrical service (generator) required? | <input checked="" type="checkbox"/> | Yes. Provide Diesel Generator | <input type="checkbox"/> | No. Provide natural gas generator | | |
| Double Wall Tank in lieu of Containment | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/> | No | | |
| Pump Room Enclosure | <input checked="" type="checkbox"/> | 1 hour | <input type="checkbox"/> | 2 hour | <input type="checkbox"/> | None |
| Pump Room Access | <input checked="" type="checkbox"/> | Exterior Only | <input type="checkbox"/> | Interior and Exterior | | |
| Test header hose threads | <input checked="" type="checkbox"/> | NST | <input type="checkbox"/> | Other: | | |

Minimum PSI required in Main _____

Low Pressure cut-off _____

Other requirements: _____

Design (NFPA 231C and 13)

Height of Storage (sprinkler design based on 20'):

- | | | | | | | |
|------------------|-------------------------------------|---------|--------------------------|-------------|--------------------------|-------------|
| Type of Racks: | Single and Double Row | | | | | |
| Commodity Class: | <input checked="" type="checkbox"/> | I-IV | <input type="checkbox"/> | High Hazard | <input type="checkbox"/> | High Hazard |
| Shelving | <input checked="" type="checkbox"/> | Slatted | <input type="checkbox"/> | Other: | | |
| Sprinkler Heads | <input checked="" type="checkbox"/> | EC-25 | <input type="checkbox"/> | K-17 | | |

Aisles (sprinkler design based on 8'):

- | | | | | | | |
|---------------|--------------------------|----------------|--------------------------|----|-------------------------------------|---------|
| Design curve: | <input type="checkbox"/> | Factory Mutual | <input type="checkbox"/> | UL | <input checked="" type="checkbox"/> | NFPA 13 |
|---------------|--------------------------|----------------|--------------------------|----|-------------------------------------|---------|

Density / area of operation: Sales 0.6/2000 Garden Center 0.5/2000

Buffer requirements: No specified buffer

Other requirements: _____

Hose requirements: _____

Shade cloth

- | | | | | |
|-------------------------|-------------------------------------|----------|--------------------------|--------------|
| No sprinkler protection | <input checked="" type="checkbox"/> | Approved | <input type="checkbox"/> | Not Approved |
| Appeal report required? | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No |

Freeze Protection

- | | | | | |
|--|-------------------------------------|-----------------|--------------------------|--------|
| Is freeze protection required for exterior piping? | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/> | No |
| Method of protection: | <input checked="" type="checkbox"/> | Dry pipe system | <input type="checkbox"/> | Other: |

Seismic Bracing

- | | | | | |
|----------------------------------|--------------------------|----------|-------------------------------------|----------------|
| Sway bracing required for piping | <input type="checkbox"/> | Required | <input checked="" type="checkbox"/> | Not Applicable |
|----------------------------------|--------------------------|----------|-------------------------------------|----------------|

Hose Connections

- | | | | | | | |
|--------------------------------|-------------------------------------|------------|--------------------------|------------|--------------------------|----------------------------------|
| Are they required? | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/> | No | | |
| Waiver of Hose requirements: | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/> | No | | |
| Fire Dept valve & thread specs | <input checked="" type="checkbox"/> | 1.5" valve | <input type="checkbox"/> | 2.5" valve | <input type="checkbox"/> | 2.5" valve w/ 1.5" reducing caps |
| Feed main minimum sizing: | <input checked="" type="checkbox"/> | 1.5" | <input type="checkbox"/> | 2" | <input type="checkbox"/> | 2.5" |

Spacing: _____

Location: _____

Other requirements: _____

Special Requirements

Non-combustible concealed spaces: Per NFPA 13

Electrical Rooms: Must be sprinklered

Sprinkler protection: _____

Piping pass-through: No mains over panels

- | | | | | |
|--------------------------------|--------------------------|-----|-------------------------------------|----|
| Are weld inspections required? | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No |
|--------------------------------|--------------------------|-----|-------------------------------------|----|



FP Supervisory Sprinkler Monitoring System (if ADA system required, skip to "Fire Alarm System")

| | | | |
|--|--|---|---|
| Visual Interior Notification | <input type="checkbox"/> Required | <input type="checkbox"/> Not required | |
| Constantly attended location (phone center) | <input type="checkbox"/> Phone Center is Acceptable | <input type="checkbox"/> Not acceptable | <input type="checkbox"/> Other: |
| Audible Interior Notification | <input type="checkbox"/> Required | <input type="checkbox"/> Not required | |
| Constantly attended location (phone center) | <input type="checkbox"/> Phone Center is Acceptable | <input type="checkbox"/> Not acceptable | <input type="checkbox"/> Other: |
| Visual Exterior Notification | <input type="checkbox"/> Required | <input type="checkbox"/> Not required | |
| Type: | <input type="checkbox"/> Strobe light | <input type="checkbox"/> Beacon | <input type="checkbox"/> Other: |
| Location: | _____ | | |
| Audible Exterior Notification | <input type="checkbox"/> Required | <input type="checkbox"/> Not required | |
| Type: | <input type="checkbox"/> Electric Bell | <input type="checkbox"/> Horn | <input type="checkbox"/> Other: |
| Activated by: | <input type="checkbox"/> Fire Alarm | <input type="checkbox"/> Water Flow | |
| Location: | _____ | | |
| Remote Annunciator | <input type="checkbox"/> Front entrance | <input type="checkbox"/> Riser Room | <input type="checkbox"/> Other |
| Pull Station at Phone Center | <input type="checkbox"/> Acceptable | <input type="checkbox"/> Not Acceptable | <input type="checkbox"/> Other |
| Single Action or Dual Action | <input type="checkbox"/> Single | <input type="checkbox"/> Dual | |
| Central Station Service | <input type="checkbox"/> Any UL Listed Service | <input type="checkbox"/> Other | |
| Master Box / City Connect | <input type="checkbox"/> Required | <input type="checkbox"/> Not required | |
| | <input type="checkbox"/> Request copy of Local Ordinance | | |
| Type | <input type="checkbox"/> Radio | <input type="checkbox"/> Street | |
| Manufacturer & Model Number: | _____ | | |
| City Contact: | _____ | | |
| Supplier Contact: | _____ | | |
| Location: | _____ | | |
| Other: | _____ | | |
| HVAC Duct Detectors | <input type="checkbox"/> Required | <input type="checkbox"/> Not required | |
| Send Appeal? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | |
| HVAC Shutdown: | <input type="checkbox"/> Individual | <input type="checkbox"/> Full | |
| Other: | _____ | | |
| HVAC Shutdown Relays | <input type="checkbox"/> Required | <input type="checkbox"/> Not required | |
| Fire Stats (by mechanical) | <input type="checkbox"/> Acceptable | <input type="checkbox"/> Not Acceptable | <input type="checkbox"/> Not Applicable |
| Exposed cable installed at bar joist and concealed with in conduit from bar joist to device: | <input type="checkbox"/> Acceptable | <input type="checkbox"/> Not required | |
| Plenum Wire: | <input type="checkbox"/> Required | <input type="checkbox"/> Not required | |
| Full conduit (request ordinance): | <input type="checkbox"/> Required | <input type="checkbox"/> Not required | |
| Other: | _____ | | |

FIRE ALARM SYSTEMS:

| | | | |
|--------------------------------------|--|---|---------------------------------------|
| Water Flow Supervision | <input checked="" type="checkbox"/> Required | <input type="checkbox"/> Not required | |
| Tamper Switches | <input checked="" type="checkbox"/> All Valves | <input type="checkbox"/> Other | |
| Manual Pull Stations | <input type="checkbox"/> Each Exit | <input checked="" type="checkbox"/> Phone Center Only | |
| Single Action or Dual Action | <input checked="" type="checkbox"/> Single MUST BE RED | <input type="checkbox"/> Dual | |
| Visual Interior Notification | | | |
| Mounted on roof bar joists | <input checked="" type="checkbox"/> Acceptable | <input type="checkbox"/> Not Acceptable | |
| Spacing per equivalent facilitation | <input checked="" type="checkbox"/> Acceptable | <input type="checkbox"/> Not Acceptable | |
| Send Appeal / Report to: | _____ | | |
| Audible Interior Notification | | | |
| Horn (Temporal Pattern Code 3) | <input checked="" type="checkbox"/> Acceptable | <input type="checkbox"/> Not Acceptable | |
| Electric bell | <input type="checkbox"/> Acceptable | <input checked="" type="checkbox"/> Not Acceptable | |
| Location: | _____ | | |
| Other: | _____ | | |
| Visual Exterior Notification | <input type="checkbox"/> Required | <input checked="" type="checkbox"/> Not required | |
| Type | <input type="checkbox"/> Strobe Light | <input type="checkbox"/> Beacon | |
| Location: | _____ | | |
| Other: | _____ | | |
| Audible Exterior Notification | <input type="checkbox"/> Required | <input type="checkbox"/> Not required | |
| Type: | <input checked="" type="checkbox"/> Electric Bell | <input type="checkbox"/> Horn | |
| Location: | Rear | | |
| Other: | _____ | | |
| Activated by: | <input type="checkbox"/> Fire Alarm | <input checked="" type="checkbox"/> Water Flow | |
| HVAC Duct Detectors | <input type="checkbox"/> Required | <input type="checkbox"/> Not required | (see Additional Fire Dept Comment #2) |
| Send Appeal? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |
| HVAC Shutdown: | <input type="checkbox"/> Full | <input type="checkbox"/> Individual | |
| Other: | _____ | | |



| | | |
|--|---|--|
| HVAC Shutdown Relays | <input type="checkbox"/> Required | <input type="checkbox"/> Not required |
| Fire Stats (by mechanical) | <input type="checkbox"/> Acceptable | <input type="checkbox"/> Not Acceptable |
| | <input type="checkbox"/> Not Applicable | |
| Other: | _____ | |
| Central Station Service | <input checked="" type="checkbox"/> Any UL listed service | <input type="checkbox"/> Other |
| Master Box / City Connect | <input type="checkbox"/> Required | <input type="checkbox"/> Not required |
| Request Copy of Local Ordinance | _____ | |
| Type | <input type="checkbox"/> Radio | <input type="checkbox"/> Street |
| Manufacturer & Model Number: | _____ | |
| City Contact: | _____ | |
| Supplier Contact: | _____ | |
| Location: | _____ | |
| Other: | _____ | |
| Remote Annunciator | <input checked="" type="checkbox"/> Front entrance | <input type="checkbox"/> Riser Room |
| | | <input type="checkbox"/> Other |
| Smoke / Detection throughout the Building: | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Request copy of ordinance? | _____ | |
| Above Fire Alarm Panel Only | <input type="checkbox"/> Acceptable | <input type="checkbox"/> Not Acceptable |
| Voice Activation | <input type="checkbox"/> Required | <input checked="" type="checkbox"/> Not required |
| Wiring Requirements - Exposed cable installed at bar joist and concealed with in conduit to device: | <input checked="" type="checkbox"/> Acceptable | |
| | <input type="checkbox"/> Not Acceptable | |
| Plenum Wire: | <input type="checkbox"/> Required | <input checked="" type="checkbox"/> Not required |
| Full conduit (request ordinance): | <input type="checkbox"/> Required | <input checked="" type="checkbox"/> Not required |
| Other: | _____ | |

INTRUSION ALARM SYSTEM

| | | |
|--|--|---|
| Are there any special requirements for installation? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| If yes, is there documentation providing the requirements? | _____ | |
| Wiring Requirements - Exposed cable installed at bar joist and concealed with in conduit to device: | <input type="checkbox"/> Acceptable | |
| | <input type="checkbox"/> Not Acceptable | |
| Non-plenum rated cable: | <input type="checkbox"/> Acceptable | <input type="checkbox"/> Not Acceptable |
| Plenum Wire: | <input type="checkbox"/> Required | <input type="checkbox"/> Not required |
| Full conduit (request ordinance): | <input type="checkbox"/> Required | <input type="checkbox"/> Not required |
| Any special requirements? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exterior Visual | <input type="checkbox"/> Required | <input type="checkbox"/> Not required |
| Location: | _____ | |
| Central Station Service | Any UL Listed Service | Other |
| Master Box / City Connect | <input type="checkbox"/> Required | <input type="checkbox"/> Not required |
| Type | <input type="checkbox"/> Radio | <input type="checkbox"/> Street |
| Manufacturer and Model Number: | _____ | |
| City Contact: | _____ | |
| Supplier Contact: | _____ | |
| Location | _____ | |
| Other | _____ | |
| Alarm Registration with Dispatch Center | <input checked="" type="checkbox"/> Required | <input type="checkbox"/> Not required |
| Other Issues: | Contact Claudia @ 316-268-4553 | |

| | |
|-----------------------------|--|
| FIRE EXTINGUISHERS | |
| Extinguisher plan required? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Required spacing: | _____ |
| Extinguisher type: | <input type="checkbox"/> Dry Chemical <input type="checkbox"/> Other |

| | |
|---|---|
| HAZARDOUS MATERIALS (IN-RACKS, QUANTITIES, HEIGHT) | |
| Zoning / Permit Requirements: | |
| Flammable & Combustible Liquids: | |
| Aerosols: | |
| Barrier required? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Barrier construction material: | <input checked="" type="checkbox"/> 18 gauge sheet metal <input type="checkbox"/> Other |
| Oxidizers: | |
| Pesticides: | |
| Corrosives: | |

| |
|---------------------|
| Propane Gas: |
| Fork Lift Use |
| Container Storage |
| Other Requirements |

| | |
|---|---------------|
| Disclosure Requirements send to: | |
| Classification | |
| Quantities | |
| Locations | |
| MSDS On Demand | |
| Other Requirements | 3E Acceptable |



PLAN REVIEW PROCESS:

Number of Drawings and Specifications Required:

| | | | |
|---------------------|--------------|-----------------|--------------|
| Civil | <u>three</u> | Specifications: | <u>three</u> |
| Architectural & MEP | <u>three</u> | Specifications: | <u>three</u> |
| Fire Sprinkler | <u>three</u> | Specifications: | <u>three</u> |
| Alarm/Supervisory | <u>three</u> | Specifications: | <u>three</u> |

Plan Review Fees:

| | | |
|---------------------|-----------------------|--|
| Civil | <u>* yes</u> | * Plan Review Fee = \$6,200 (based on \$4.0 mill bldg costs) |
| Architectural & MEP | <u>* yes</u> | ** Permit Fee = \$10,971 ((based on \$4.0 mill bldg costs) |
| Fire Sprinkler | <u>not applicable</u> | |
| Alarm/Supervisory | <u>not applicable</u> | |

Plan Review Time and Re-Check Time:

| | |
|---------------------|--|
| Civil | <u>25 business days for 1st submittal and 10 days for additional submittals.</u> |
| Architectural & MEP | <u>25 business days for 1st submittal and 10 days for additional submittals.</u> |
| Fire Sprinkler | <u>5 business days for 1st submittal.</u> |
| Alarm/Supervisory | <u>5 business days for 1st submittal.</u> |

Architectural & MEP Plans and Application Recipients:

| | | |
|-------------------|--|--|
| Department | <u>City of Wichita - Central Inspections</u> | |
| Address | <u>455 N. Main, 7th floor, Wichita, KS 67202</u> | |
| Contact / E-mail: | <u>Paul Hays</u> <u>phays@wichita.gov</u> | Phone / Fax: <u>(316) 268-4477 / (316)268-4663</u> |

Fire Sprinkler Shops and Application Recipients:

| | | |
|-------------------|---|------------------------------------|
| Department | <u>City of Wichita - Fire Dept.</u> | |
| Address | <u>455 N. Main, 11th floor, Wichita, KS 67202</u> | |
| Contact / E-mail: | <u>Bob Thompson & Steve Schowalter</u> <u>sschowalter@wichita.gov</u> | Phone / Fax: <u>(316) 268-4441</u> |

Fire Alarm / Supervisory Plans and Application Recipients:

| | | |
|-------------------|---|------------------------------------|
| Department | <u>City of Wichita - Fire Dept.</u> | |
| Address | <u>455 N. Main, 11th floor, Wichita, KS 67202</u> | |
| Contact / E-mail: | <u>Bob Thompson & Steve Schowalter</u> <u>sschowalter@wichita.gov</u> | Phone / Fax: <u>(316) 268-4441</u> |

Plan Review Consultants:

| | | |
|--------------------------|-------------|--------------------|
| Civil | <u>None</u> | Phone / Fax: _____ |
| Architectural / MEP | <u>None</u> | Phone / Fax: _____ |
| Fire Sprinkler | <u>None</u> | Phone / Fax: _____ |
| Fire Alarm / Supervisory | <u>None</u> | Phone / Fax: _____ |

Sign and Seal Requirements:

| | | |
|---|---|--|
| Can Architect sign civil sheets? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Can Architect sign structural sheets? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Can Architect sign MEP sheets? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Architect Seal Requirements: | <input type="checkbox"/> Embossed | <input checked="" type="checkbox"/> Ink Stamp or reproducible seal |
| | <input checked="" type="checkbox"/> All Sheets | <input checked="" type="checkbox"/> Sign |
| Are special title blocks required? | <input type="checkbox"/> Cover Only | <input checked="" type="checkbox"/> No |
| Do specs require a wet seal and signature? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> Cover only |
| Do MEP sheets require discipline-specific stamps? | <input type="checkbox"/> All sheets | <input checked="" type="checkbox"/> No |
| Who signs fire sprinkler drawings? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Who signs fire alarm drawings? | <input checked="" type="checkbox"/> PE | <input type="checkbox"/> NICET / Level 4 |
| Can TVA submit fire sprinkler shops for review? | <input checked="" type="checkbox"/> PE | <input type="checkbox"/> NICET / Level 5 |
| Are deferred-seal FS drawings acceptable? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Can contractor pick up plans? When? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| | <input checked="" type="checkbox"/> Yes upon approval | <input type="checkbox"/> No |

Can the Plan Check process be expedited?

| | | |
|---|------------------------------|--|
| What fees are associated with expediting? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| | \$ _____ | |

Must plans be submitted anywhere besides the Building Dept?

| | | |
|---------------|---|-----------------------------|
| If so, where? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| | All Building and Civil documents submitted to Central Inspections at the same time. Landscape documents may be submitted to Donna Goltry (DGoltry@wichita.gov) at Planning Dept. | |

Other Permits:

| | | |
|--|------------------------------|--|
| Does the Building Permit include MEP? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Is the fire service line part of the Building, Fire or Civil review process? | | <u>civil review</u> |
| Is a permit required for interior racking? (Seismic) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are any other permits required for this project? | | <u>Possible Health Permit if food is prepared on site.</u> |

How are changes or re-submissions handled during the plan review process?

Re-issue only the revised documents (3 sets signed/sealed drawings) to the city along with code response letter.

How are changes to the documents handled after a permit is issued?

| | | |
|--|------------------------------|--|
| Can minor changes be redlined into permit documents or coordinated in the field with inspectors? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Can minor changes be faxed to the Building Dept? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| What fees are involved in document changes? | | <u>None</u> |



| | | |
|---|---|--|
| Is there a Foundation or Building Shell Permit? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| What submittals & fees are involved? | <u>City may issue a Conditional Permit to allow for grading, utility or demolition work to begin at 25% additional fee.</u> | |
| Is there a Grading Permit? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| What submittals & fees are involved? | <u>City may issue a Conditional Permit to allow for grading, utility or demolition work to begin at 25% additional fee.</u> | |
| Is there a Site Utility Permit? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| What submittals & fees are involved? | <u>City may issue a Conditional Permit to allow for grading, utility or demolition work to begin at 25% additional fee.</u> | |
| Site plan or plat be approved before the plans are reviewed? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Comments: | <u>no comments</u> | |
| Must the elevations be approved before the plans are reviewed? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are energy calculations required? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are structural calculations required? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are there any frequently missed items in plan review or field inspections? | | |
| 1 | <u>City of Wichita will require a local Fire Alarm Contractor install the fire alarm system.</u> | |
| 2 | <u>The plat must be recorded BEFORE a building permit is issued.</u> | |
| 3 | <u>City of Wichita has no special requirements for environmental remediation work.</u> | |
| 4 | <u>State of Kansas is a "Right to Work" state with no contractor union restrictions.</u> | |

Additional Comments:

Site Lighting Requirements:

1 Light Pole Height Limitations, glare restrictions or minimum foot-candles at property line?
No restrictions

Additional Fire Dept Requirements:

1 TVA to submit written appeal to Kurt Schroeder - Superintendent of Central Inspections at (316) 268-4460 (KSchroeder@wichita.gov) requesting the fire pump be tapped ahead of the main electrical service. This will allow the use of a 125kw natural gas generator in lieu of 350kw diesel generator.

2 TVA to submit written appeal to Dan Leidy - Mechanical Inspector at (316) 268-4473 (DLeidy@wichita.gov) requesting omission of RTU duct detectors in lieu of shut down relays at each RTU.

3 comments

Additional Building Dept Requirements:

1 WD Partners raised the concern of a potential conflict between 2000 IBC and 2000 UPC regarding the required fixture count for a mercantile use. Paul Hays indicated the IBC will take precedent over the UPC as it relates to the minimum number of plumbing fixtures.

2 WD Partners will issue a written request to Kurt Schroeder - Superintendent of Central Inspections at (316) 268-4460 (KSchroeder@wichita.gov) requesting use of keyed locks at all sliding doors and identifying compliance with IBC.

3 WD Partners will issue a written request to Tom Kerschen - Electrical Inspection at (316) 268-4465 (tkerschen@wichita.gov) confirming modular wiring (Re-Lock System) is acceptable. Proposed Re-Lock system is UL listed/approved.