

Construction Documents Submission & Review Checklist

Project Number/Name:

Date:

CD Submittal Stage:

Design Professional:



This checklist establishes minimum requirements for Construction Documents submitted to Mississippi State University for review. It is intended for use by Design Professionals, consultants, and MSU reviewers. Requirements are cumulative with applicable Schematic Design and Design Development requirements unless specifically superseded. Provide an explanation for items identified as not applicable or omitted.

General / Project Controls		Primary Review	Provided (Y, N or N/A)	Comments
1	Confirm scope remains consistent with approved Design Development documents and Owner direction.	50%		
2	Provide written confirmation that all DD review comments have been incorporated or formally resolved.	50%		
3	Provide names, firms, addresses, and contact information for the complete project team.	50%		
4	Verify project name and MSU/IHL/PDC project number are consistent throughout drawings and specifications.	90%		
5	Confirm complete drawing index and specification table of contents.	50%		
6	Verify all referenced drawings, details, sections, schedules, and specifications exist and references are correct.	90%		
7	Clearly identify existing work, demolition, new work, Owner-furnished work, and Owner-installed work.	50%		
8	Clearly identify project limits and limits of disturbance.	50%		
9	Identify work by Owner, separate contractor, utility provider, vendor, or other project where applicable.	50%		
10	Confirm final building area and space allocation remain consistent with the approved program. Provide area calculations by space, floor, and total building as applicable.	50%		
11	Identify construction phasing and sequencing requirements.	50%		
12	Establish required Contract Time, including calendar days and basis for commencement.	50%		
13	Identify required interim milestones, phased completion dates, occupancy dates, substantial completion requirements, or other schedule constraints.	50%		
14	Identify work restrictions, including allowable work hours, noise restrictions, occupied-building limitations, academic/event restrictions, access limitations, blackout periods, and similar constraints.	50%		
15	Identify requirements for maintaining building and campus operations during construction.	50%		
16	Identify required utility shutdowns, outages, tie-ins, advance-notice requirements, and allowable outage periods.	90%		
17	Confirm applicability and amount of Liquidated Damages and coordinate requirements throughout the Contract Documents.	90%		

18	Confirm alternates, allowances, and unit prices are clearly defined and coordinated throughout the documents.	90%		
19	Confirm additive/deductive alternates can be independently priced without ambiguity.	90%		
20	Verify all design disciplines use coordinated and current backgrounds.	50%		
21	Provide a site logistics plan identifying construction fencing, gates, laydown areas, staging, deliveries, dumpsters, temporary facilities, contractor access, and pedestrian/vehicular circulation.	50%		
22	Identify contractor and subcontractor parking requirements and locations.	50%		
23	Coordinate any contractor, subcontractor, vendor, or construction parking located outside the project fence with MSU Transportation.	50%		
24	Confirm construction logistics do not unreasonably disrupt campus traffic, accessible routes, emergency access, transit routes, service access, or adjacent building operations.	90%		
25	Identify hazardous-material remediation requirements, where applicable, and clearly define responsibility and scope within the Contract Documents.	90%		
Project Manual		Primary Review	Provided (Y, N or N/A)	Comments
1	Provide specifications for all significant work shown on drawings.	50%		
2	Remove irrelevant boilerplate specification sections.	90%		
3	Verify products and manufacturers comply with MSU standards.	90%		
4	Coordinate specifications with drawings.	90%		
5	Verify terminology is consistent between disciplines.	90%		
6	Coordinate alternates with drawings and Proposal Form.	90%		
7	Clearly identify and define allowances.	90%		
8	Identify delegated-design requirements and required performance/design criteria.	90%		
9	Include required testing and inspection requirements.	90%		
10	Include commissioning requirements where applicable.	90%		
11	Clearly identify warranties.	90%		
12	Include required closeout documents, training, attic stock, spare parts, and O&M requirements.	90%		
13	Verify Division 00 and Division 01 requirements are current MSU requirements.	Final		
14	Confirm Bid Form, Contract Time, Liquidated Damages, alternates, allowances, milestones, and procurement requirements are coordinated with the technical documents.	Final		
Code / Life Safety / Accessibility		Primary Review	Provided (Y, N or N/A)	Comments
1	Provide final code summary identifying applicable codes and editions.	50%		
2	Confirm occupancy classifications and accessory occupancies.	50%		

3	Verify construction type.	50%
4	Confirm allowable height, area, and number of stories.	50%
5	Verify fire-area and mixed-occupancy calculations where applicable.	50%
6	Identify anticipated or approved code variances, equivalencies, or special approvals and incorporate requirements into the Contract Documents.	50%
7	Provide final plumbing-fixture-count calculations.	50%
8	Provide dedicated life-safety plans showing rated construction, exits, exit widths, occupant loads, travel paths, and other required information.	50%
9	Show required fire-resistance-rated construction on plans.	50%
10	Coordinate rated construction horizontally and vertically across architectural, structural, and MEP documents.	90%
11	Clearly identify fire barriers, smoke barriers, fire partitions, shaft enclosures, and other rated assemblies.	90%
12	Verify penetrations and required firestopping are addressed.	90%
13	Provide occupant-load calculations.	50%
14	Verify number and capacity of exits.	50%
15	Verify common path, travel distance, and dead-end limitations.	50%
16	Confirm egress doors, door swings, hardware, and panic/fire-exit hardware requirements.	90%
17	For additions and renovations, address applicable code requirements for the existing facility as well as the project area.	50%
18	Show complete accessible route from site arrival points through the building.	50%
19	Verify accessible parking, curb ramps, walks, entrances, and door clearances.	90%
20	Verify accessible toilet rooms, bathing facilities, drinking fountains, counters, and other required elements.	90%
21	Show accessibility dimensions and clearances rather than relying solely on generic notes.	90%
22	Incorporate State Fire Marshal and other AHJ review comments.	Final

	Architectural	Primary Review	Provided (Y, N or N/A)	Comments
1	Completely dimension all plans.	50%		
2	Coordinate room names and room numbers across plans, schedules, signage, and MEP drawings. Confirm final room numbering has been coordinated with MSU PDCA Space Planning.	90%		
3	Complete wall-type identification and wall-type details.	50%		
4	Clearly identify full-height, above-ceiling, fire-rated, smoke-rated, and acoustically separated partitions.	50%		
5	Complete door, frame, and hardware schedules. Coordinate doors and hardware through ASSA ABLOY Openings Studio and with MSU Integrated Security Management Division (ISMD).	50%		

6	Identify all electrified hardware, locking functions, panic hardware, operators, power supplies, and other special opening requirements in the approved hardware set.	90%
7	Complete window, storefront, curtain-wall, and glazing schedules and details.	50%
8	Complete reflected ceiling plans.	50%
9	Coordinate ceiling grids, lights, diffusers, sprinklers, detectors, speakers, cameras, wireless access points, and other ceiling devices.	90%
10	Provide required interior elevations.	50%
11	Provide enlarged plans for toilet rooms, significant elevation changes, and other complex areas.	50%
12	Provide equipment layouts for major fixed or Owner equipment.	50%
13	Complete casework, millwork, and countertop details.	50%
14	Show toilet accessories and mounting locations.	90%
15	Provide complete building sections, wall sections, enlarged plans, and construction details.	50%
16	Detail parapets, copings, roof edges, and similar exterior conditions.	90%
17	Identify and detail expansion-joint locations.	90%
18	Detail transitions between dissimilar exterior-envelope materials.	90%
19	Detail flashing, waterproofing, air barrier, vapor-control, and moisture-control transitions.	90%
20	Complete roof plan showing slopes, drains, overflow drainage, equipment, access, and penetrations.	50%
21	Verify roof penetrations are coordinated with structural and MEP systems.	90%
22	Identify access panels required for maintainable equipment, valves, controls, and devices.	90%
23	Verify exterior materials and details comply with approved MSU design direction and applicable campus standards.	90%
24	Confirm Architectural Review Board review and compliance with Bulldog Architecture, where applicable.	90%

Interiors / FF&E		Primary Review	Provided (Y, N or N/A)	Comments
1	Finalize material and finish selections.	50%		
2	Complete finish schedule and finish plans.	50%		
3	Coordinate floor transitions and thresholds.	90%		
4	Verify durability and maintainability of finishes for intended use.	90%		
5	Coordinate furniture layouts with power, data, AV, and classroom technology. Ensure layouts are provided on documents.	90%		
6	Verify required equipment clearances and accessibility.	90%		
7	Distinguish Contractor-furnished, Owner-furnished, Contractor-installed, and Owner-installed FF&E.	90%		

8 Coordinate signage and room identification with final room numbering. 90%

	Civil / Site / Landscape	Primary Review	Provided (Y, N or N/A)	Comments
1	Verify existing topographic and utility information has been incorporated.	50%		
2	Provide complete horizontal and vertical control.	50%		
3	Provide north arrow and graphic scale on applicable plans.	50%		
4	Coordinate building finished-floor elevation with architectural documents.	50%		
5	Complete grading and drainage design.	50%		
6	Verify drainage does not create adverse conditions at entrances, sidewalks, adjacent buildings, or adjacent property.	90%		
7	Verify accessible route slopes and cross-slopes.	90%		
8	Provide parking layout, parking-space counts, accessible parking, and accessible routes where applicable.	50%		
9	Complete stormwater-management design.	50%		
10	Complete domestic water, fire water, sanitary sewer, and other site utility design.	50%		
11	Verify existing utility capacity and connection points.	50%		
12	Coordinate utility entrances and connection points with MEP drawings.	90%		
13	Identify utility conflicts and required relocations, including electrical, sanitary sewer, storm sewer, fiber, natural gas, hydronic piping, and other campus utilities.	90%		
14	Complete pavement, curb, sidewalk, and hardscape details.	90%		
15	Verify fire-apparatus access and fire-department connections. Show FDC, hydrants, PIVs, and other applicable fire-service components on site plans.	90%		
16	Identify site furnishings and locations, including bike racks, benches, bollards, and similar items.	90%		
17	Clearly identify waste collection, dumpster, compactor, and service locations.	50%		
18	Identify soil-retention systems where required.	90%		
19	Define subgrade preparation requirements, including removal of unsuitable material, undercut, excavation, fill, engineered fill, proofrolling, compaction, moisture conditioning, stabilization, and other required earthwork preparation as applicable. Coordinate with geotechnical recommendations, drawings, and specifications.	90%		
20	Clearly identify required subgrade elevations, acceptable bearing conditions, fill materials, compaction criteria, and required testing/inspection so bidders can determine the earthwork scope without assumptions.	90%		
21	Coordinate landscaping with underground utilities, lighting, signage, and sight lines.	90%		
22	Provide final planting plan where applicable.	50%		

23	Provide irrigation plan where applicable.	50%
24	Identify required irrigation sleeves and crossings.	90%
25	Ensure top soil is specified and meets MSU requirements. Note on documents that top soil must be provided by the landscape contractor.	90%
26	Identify tree protection and ensure it meets MSU requirements.	90%
27	Identify tree removal and replacement quantities/ratios where applicable.	90%
28	Coordinate landscape and irrigation requirements with MSU Landscape Services / appropriate Facilities staff.	50%
29	Coordinate exterior/site signage with MSU standards.	90%
30	Complete erosion-control and construction-phase stormwater requirements.	90%

Structural		Primary Review	Provided (Y, N or N/A)	Comments
1	Complete foundation plans and details.	50%		
2	Coordinate foundation elevations with civil and architectural documents.	90%		
3	Complete floor and roof framing plans.	50%		
4	Provide final member sizing.	50%		
5	Provide required structural sections and details.	50%		
6	Coordinate structural openings with architectural and MEP systems.	90%		
7	Confirm structural support for rooftop, suspended, and specialty equipment.	90%		
8	Identify miscellaneous steel and support requirements.	90%		
9	Coordinate stairs, shafts, elevators, and major openings.	90%		
10	Identify design loads and special loading conditions.	50%		
11	Clearly identify delegated-design components and required design criteria.	90%		
12	Avoid leaving structural-support design to contractor coordination unless appropriately identified as delegated design.	Final		

Elevators		Primary Review	Provided (Y, N or N/A)	Comments
1	Provide complete elevator shaft plans, sections, dimensions, pits, overhead clearances, and equipment-space requirements.	50%		
2	Specify non-proprietary elevator equipment and controls.	90%		
3	Coordinate elevator structural requirements.	90%		
4	Coordinate elevator electrical power and emergency/standby power requirements.	90%		

5	Coordinate elevator HVAC requirements.	90%
6	Coordinate elevator fire-alarm, recall, smoke detection, and sprinkler requirements.	90%
7	Coordinate elevator access-control/security interfaces where applicable.	90%
8	Provide required emergency communication systems. Coordinate with MSU ISMD for 2-way camera & comms.	90%
9	Verify accessibility requirements.	90%
10	Confirm elevator equipment can be maintained and replaced without unnecessary proprietary restrictions.	Final

Plumbing		Primary Review	Provided (Y, N or N/A)	Comments
1	Provide final plumbing design criteria and legend.	50%		
2	Complete fixture schedule with approved fixture selections.	50%		
3	Coordinate plumbing fixtures with architectural plans and accessibility requirements.	90%		
4	Complete domestic-water distribution and pipe sizing.	50%		
5	Clearly identify water service connection and building entry.	50%		
6	Complete sanitary and vent systems and identify building exits/connections.	50%		
7	Complete storm and roof-drainage systems.	50%		
8	Coordinate roof drains and overflow drains with architectural roof plans.	90%		
9	Provide plumbing one-line diagrams where applicable.	50%		
10	Provide header diagrams where applicable.	50%		
11	Coordinate vertical plumbing chases.	90%		
12	Provide accessible cleanouts.	90%		
13	Address floor drains, floor sinks, indirect waste, and trap primers.	90%		
14	Show backflow-prevention requirements.	90%		
15	Provide isolation valves and logical system zoning.	90%		
16	Coordinate equipment plumbing connections.	90%		
17	Show emergency shower and eyewash locations where required.	90%		
18	Confirm specialty plumbing systems and equipment are fully documented.	90%		

Mechanical / HVAC		Primary Review	Provided (Y, N or N/A)	Comments
1	Finalize HVAC system type and equipment selection.	50%		

2	Document system design criteria, redundancies, and special zones.	50%
3	Complete equipment schedules.	50%
4	Fully size ductwork and piping.	50%
5	Complete diffuser, grille, and register layouts.	50%
6	Coordinate air devices with reflected ceiling plans.	90%
7	Verify outdoor-air and ventilation requirements.	90%
8	Complete exhaust systems.	50%
9	Identify site hydronic piping routes and building entry where applicable.	50%
10	Identify required central-plant loads where applicable.	50%
11	Provide mechanical one-line diagrams.	50%
12	Provide header diagrams where applicable.	50%
13	Provide airflow diagrams where applicable.	50%
14	Coordinate shafts and vertical distribution.	50%
15	Provide complete control diagrams and sequences of operation.	90%
16	Coordinate BAS requirements with MSU standards and existing campus systems. Establish allowance for controls.	90%
17	Verify equipment access and manufacturer-required service clearances.	90%
18	Verify filters, coils, motors, pumps, and major components can be removed and replaced.	90%
19	Coordinate mechanical-room layouts with electrical, plumbing, fire-protection, and structural systems.	90%
20	Address vibration and acoustical requirements.	90%
21	Provide testing, adjusting, and balancing requirements. Confirm who is procuring TAB.	90%
22	Incorporate commissioning requirements where applicable.	90%
23	Demonstrate final energy-code compliance.	90%

Electrical		Primary Review	Provided (Y, N or N/A)	Comments
1	Complete electrical service and load calculations.	50%		
2	Verify service capacity and existing infrastructure where applicable.	50%		
3	Provide site-power plan showing service route, vaults, switches, transformers, and associated infrastructure.	50%		
4	Complete one-line diagrams.	50%		

5	Provide normal and emergency power riser diagrams.	50%
6	Complete panel schedules and circuiting.	90%
7	Provide complete receptacle layouts.	50%
8	Coordinate power requirements for all mechanical, plumbing, technology, security, and specialty equipment.	90%
9	Complete normal and emergency lighting.	50%
10	Complete lighting-control design.	90%
11	Coordinate lighting with ceiling plans and architectural features.	90%
12	Provide final lighting fixture schedule.	50%
13	Provide required interior and exterior light-level calculations/photometrics.	90%
14	Show exit signage.	90%
15	Address emergency/standby power requirements.	50%
16	Identify equipment served by emergency/standby power.	50%
17	Complete generator and ATS requirements where applicable.	90%
18	Provide required disconnects.	90%
19	Address grounding and bonding.	90%
20	Address surge protection.	90%
21	Verify electrical-room working clearances and equipment access.	90%
22	Coordinate exterior/site lighting with civil and landscape documents.	90%
23	Provide temporary construction power requirements/plan where applicable.	90%
24	Demonstrate electrical and lighting energy-code compliance.	90%

Fire Protection / Fire Alarm		Primary Review	Provided (Y, N or N/A)	Comments
1	Clearly establish sprinkler scope and design criteria.	50%		
2	Provide current fire-flow/pressure-test documentation.	50%		
3	Show fire-service connection and building entry.	50%		
4	Show FDC, hydrants, PIVs, and other applicable fire-service components on site plans.	50%		
5	Identify Knox Box location where required.	90%		
6	Identify required sprinkler-control valve locations.	90%		

7	Provide sprinkler riser diagram.	50%
8	Identify applicable listed/approved sprinkler-head types.	90%
9	Provide fire-pump sizing and calculations where required.	90%
10	Show standpipes where required.	90%
11	Coordinate sprinkler mains and major routing with ceilings and structure.	90%
12	Review sprinkler requirements in electrical and communications rooms with MSU and the AHJ; where appropriate, evaluate rated construction or other permitted alternatives consistent with MSU preference.	90%
13	Complete fire-alarm device layout.	50%
14	Identify fire-alarm panel locations.	50%
15	Provide fire-alarm riser diagram.	50%
16	Identify fire-alarm zones where applicable.	50%
17	Verify audible/visible notification coverage and any MSU requirements beyond minimum code requirements.	90%
18	Coordinate duct-detector and HVAC shutdown functions.	90%
19	Coordinate fire alarm with elevators.	90%
20	Coordinate fire alarm with door hold-opens, locking systems, and access-control systems.	90%
21	For renovations/additions, identify impacts to and required modification/expansion of existing fire-alarm systems.	50%
22	Coordinate required alarm monitoring/communication method with MSU.	90%
23	Confirm State Fire Marshal and other AHJ comments are incorporated before bid.	Final

	Technology / Low Voltage / Security	Primary Review	Provided (Y, N or N/A)	Comments
1	Identify technology/telecommunications service entrance into the building.	50%		
2	Provide dedicated MDF/IDF/communications rooms as required.	50%		
3	Verify communications-room size, rack clearances, cooling/ventilation, power, UPS, grounding, security, and pathways.	90%		
4	Complete backbone and horizontal cable pathways.	50%		
5	Coordinate cable trays, conduit, and pathways with MEP and structure.	90%		
6	Provide technology/telecommunications one-line or riser diagrams.	50%		
7	Complete telecommunications/data-outlet locations.	50%		
8	Coordinate wireless-access-point locations with MSU wireless requirements.	90%		

9	Verify compliance with applicable MSU IT standards.	90%		
10	Complete AV-system requirements and verify applicable MSU AV standards.	90%		
11	Complete classroom-technology requirements.	90%		
12	Complete security-camera locations and intended coverage.	90%		
13	Complete access-control locations and functions.	50%		
14	Provide security/access-control system descriptions.	50%		
15	Provide applicable security/access-control riser diagrams.	50%		
16	Provide card-access details.	90%		
17	Coordinate access control, card readers, monitoring, request-to-exit, door-position switches, power, fire-alarm interfaces, and other security functions with the approved hardware set.	90%		
18	Show door-position switches and request-to-exit devices where required.	90%		
19	Coordinate fire-alarm release and life-safety requirements with access-controlled doors.	90%		
20	Address HID Mobile/mobile-credential operation where required.	90%		
21	Confirm physical card-pocket or energy-control devices do not conflict with mobile-credential use.	90%		
22	Complete video-intercom operation and identify exactly which doors, elevators, gates, or other functions are controlled.	90%		
23	Clearly define requirements for security programming, licensing, integration, testing, commissioning, and final acceptance	Final		
Technology / Low-Voltage Responsibility Matrix		Primary Review	Provided (Y, N or N/A)	Comments
1	Provide a matrix clearly identifying responsibility to design, furnish, install, connect, program, test, commission, and support each technology-related system.	50%		
2	Include electronic door hardware, access control, security cameras, security devices, video intercom, AV systems, classroom technology, telecommunications/data, wireless infrastructure, paging/intercom, and other specialty low-voltage systems.	50%		
3	Clearly identify responsibility among the Design Professional, electrical contractor, low-voltage contractor, security integrator, AV/classroom-technology integrator, telecommunications contractor, door-hardware supplier/installer, MSU ISMD, MSU OIT, and other Owner vendors as applicable.	50%		
4	Clearly identify Owner-furnished/Contractor-installed, Owner-furnished/Owner-installed, Contractor-furnished/Contractor-installed, and similar procurement arrangements.	50%		
5	Coordinate the responsibility matrix with drawings, specifications, bid packages, allowances, and Owner-furnished/Owner-installed equipment.	90%		
6	Verify every technology device or system shown in the Contract Documents has an assigned responsibility for every applicable scope component.	90%		
7	Confirm there are no gaps or overlaps between electrical, security, telecommunications, AV, classroom technology, door hardware, and Owner-vendor scopes.	90%		
8	Include the approved Technology / Low-Voltage Responsibility Matrix in the Contract Documents.	Final		

Interiors / FF&E		Primary Review	Provided (Y, N or N/A)	Comments
1	Finalize material and finish selections.	50%		
2	Complete finish schedule and finish plans.	50%		
3	Coordinate floor transitions and thresholds.	90%		
4	Verify durability and maintainability of finishes for intended use.	90%		
6	Coordinate furniture layouts with power, data, AV, and classroom technology.	90%		
7	Verify required equipment clearances and accessibility.	90%		
8	Distinguish Contractor-furnished, Owner-furnished, Contractor-installed, and Owner-installed FF&E.	90%		
9	Coordinate signage and room identification with final room numbering.	90%		
Operations & Maintainability		Primary Review	Provided (Y, N or N/A)	Comments
1	Confirm maintenance personnel can safely access all equipment requiring routine service.	90%		
2	Confirm filters, motors, pumps, coils, and major equipment components can be removed and replaced.	90%		
3	Verify valves, dampers, cleanouts, controls, junction boxes, and access panels are accessible.	90%		
4	Provide adequate custodial closets.	50%		
5	Provide mop/service sinks, shelving, chemical storage provisions, and appropriate finishes in custodial spaces.	90%		
6	Confirm electrical, mechanical, telecom, and other service rooms are adequately sized for operation and maintenance.	90%		
7	Avoid placing maintainable equipment above inaccessible ceilings where practical.	90%		
8	Confirm safe and practical roof access and pathways to rooftop equipment.	90%		
9	Verify adequate working space around rooftop equipment.	90%		
10	Confirm material and equipment selections are compatible with MSU maintenance capabilities and standards.	90%		
Cost / Budget		Primary Review	Provided (Y, N or N/A)	Comments
1	Provide updated construction cost estimate based on the current CD documents.	50% / 90%		
2	Clearly identify all allowances, assumptions, exclusions, contingencies, and exceptions included in the estimate.	90%		
3	Reconcile the estimate with the actual drawings and specifications.	90%		
4	Confirm project remains within the approved construction budget.	90%		
5	Provide updated Total Project Cost including construction, professional fees, FF&E, technology, Owner costs, contingencies, and other applicable soft costs.	90%		

6	Identify material changes from the previous estimate and explain significant increases/decreases.	90%		
7	Resolve required scope or budget adjustments before issuance for bid.	Final		
Submission Requirements		Primary Review	Provided (Y, N or N/A)	Comments
1	Submit complete coordinated drawing set and Project Manual for each required CD review milestone.	All		
2	Submit documents digitally as a bound PDF with bookmarks and internal links.	All		
3	Confirm drawing index, bookmarks, sheet names, and PDF page order correspond.	90%		
4	Include required supporting documents such as cost estimate, calculations, narratives, responsibility matrices, and other review deliverables.	50% / 90%		
5	Clearly identify the CD completion percentage/stage on the submission.	All		
6	Final bid documents shall incorporate all accepted MSU review comments.	Final		
7	Final drawings and specifications shall be signed and sealed as required.	Final		
Interdisciplinary Coordination / QA-QC		Primary Review	Provided (Y, N or N/A)	Comments
1	Design Professional has completed documented internal interdisciplinary QA/QC review.	90%		
2	Architectural and structural grids, dimensions, and elevations align.	90%		
3	Structural openings coordinate with MEP and technology penetrations.	90%		
4	Above-ceiling systems have been coordinated for available space.	90%		
5	Ceiling-mounted devices are coordinated across all disciplines.	90%		
6	Roof penetrations, equipment, curbs, and supports are coordinated.	90%		
7	Civil utility connections match MEP locations, sizes, and elevations.	90%		
8	Equipment schedules match between disciplines.	90%		
9	Electrical characteristics match mechanical, plumbing, technology, security, and specialty-equipment requirements.	90%		
10	Final QA/QC: confirm door hardware, access control, fire alarm, security, and electrical requirements are fully coordinated and reviewed with MSU ISMD.	90%		
11	Architectural rated assemblies coordinate with structural, MEP, fire-protection, and technology penetrations.	90%		
12	Technology / Low-Voltage Responsibility Matrix is consistent with all discipline drawings and specifications.	Final		
13	No conflicting notes, dimensions, schedules, or requirements remain between drawings and specifications.	Final		
14	Roof drain / storm piping coordinated across disciplines including MEPF elements on façade. Ensure roof drain piping or downspouts tie to civil storm drains.	90%		
90% CD - Bid Readiness Gate		Primary Review	Provided (Y, N or N/A)	Comments

1	Are demolition and existing-condition interfaces sufficiently documented?	90%
2	Are details provided for unusual or project-specific conditions rather than relying solely on generic notes?	90%
3	Are all major materials, systems, and equipment specified?	90%
4	Are allowances being used only where genuinely necessary?	90%
5	Are there gaps between trades, consultants, vendors, or Owner scopes?	90%
6	Can each alternate be independently priced?	90%
7	Are Contract Time, milestones, work restrictions, phasing, shutdowns, and Liquidated Damages clearly defined?	90%
8	Are construction logistics and contractor parking requirements clearly defined?	90%
9	Is the site/subgrade preparation scope sufficiently defined for bidders to understand undercut, fill, unsuitable soils, stabilization, and testing requirements?	90%
10	Have long-lead items and unusual procurement requirements been addressed?	90%
11	Has the Technology / Low-Voltage Responsibility Matrix eliminated technology-scope gaps?	90%
12	Have all MSU review comments been resolved?	90%
13	Are there any unresolved major Owner decisions?	90%
14	Has a Controls allowance been established and documented?	90%

FINAL CD ACCEPTANCE STANDARD

Construction Documents shall completely and consistently communicate the scope, quality, systems, materials, responsibilities, schedule requirements, site conditions, and contractual requirements necessary to competitively bid and construct the Project. The Construction Documents shall not rely upon the Contractor to complete unresolved design decisions, determine undefined scope responsibilities, reconcile foreseeable conflicts between design disciplines, or establish undefined site/subgrade requirements after award.