

**CM DOCUMENTS - PROJECT MANUAL**

Vol 1

**DIVISION 0 – GENERAL REQUIREMENTS**

**INTRODUCTORY INFORMATION**

- 00 0001 TITLE PAGE
- 00 0002 CERTIFICATION PAGE
- 00 0003 TABLE OF CONTENTS
- 00 0004 LIST OF DRAWINGS
- 00 0005 LIST OF TECHNICAL SPECIFICATIONS-DIVISIONS 1 THROUGH 33

**BIDDING REQUIREMENTS**

- 00 0100 INSTRUCTIONS TO BIDDERS  
SUBCONTRACTOR/MATERIAL SUPPLIER LIST (Sample Included)
- 00 0300 BID FORM

**SUBCONTRACT FORMS**

- 00 0500 AGREEMENT  
STANDARD FORM OF AGREEMENT BETWEEN CONTRACTOR AND  
SUBCONTRACTOR (AIA DOCUMENT A401 – 2017)  
(Sample Included)  
HAGERMAN, INC., ARTICLES XA – XD SUPPLEMENTS TO AIA DOCUMENT A401 – 2017,  
updated Rev 10-13-17.

**CONDITIONS OF THE SUBCONTRACT**

- 00 0700 GENERAL CONDITIONS (AIA DOCUMENT A201 – 2017)

**DIVISION 1 – GENERAL REQUIREMENTS**

- 01 0110 SUMMARY OF WORK
- 01 0115 SCHEDULE

01 0125 PAYMENT

APPLICATION AND CERTIFICATE FOR PAYMENT (G702 sheet for subcontracts and Purchase Orders.) *Sample Included.*

CONTINUATION SHEET FOR G702 (AIA Document G703) (*Sample Included*)

01 0141 PROJECT WORK RULES

A COPY OF THE ENTIRE HAGERMAN SAFETY MANUAL IS AVAILABLE AT [HTTP://THEHAGERMANGROUP.COM/SAFETY](http://THEHAGERMANGROUP.COM/SAFETY). THE PASSWORD IS "SAFETY"

01 1000 CLOSEOUT PROCEDURES

01 2000 OPERATION AND MAINTENANCE DATA

01 3000 PROJECT RECORD DOCUMENTS

END OF SECTION

**LIST OF TECHNICAL SPECIFICATION - TABLE OF CONTENTS****DIVISION 0 – PROCUREMENT AND CONTRACTING**

*NOTE: SEE PROJECT OWNER'S FRONT END REQ'S, BID FORM, ETC. UNDER SEPARATE COVER*  
Refer to the front-end specification volume for Division 0 requirements by the Construction Manager.

SECTION 000008	SOILS TESTING NOTICE
SECTION 000009	SUBSURFACE INVESTIGATION (SOILS REPORT)

**DIVISION 1 – GENERAL REQUIREMENTS**

Refer to the front-end specification volume for Division 1 requirements by the Construction Manager.

**DIVISION 2 – EXISTING CONDITIONS**

SECTION 024116	STRUCTURE DEMOLITION
SECTION 024119	SELECTIVE DEMOLITION

**DIVISION 3 – CONCRETE**

SECTION 033000	CAST-IN-PLACE CONCRETE
SECTION 033050	CAST-IN-PLACE CONCRETE ADD-MIXTURE
SECTION 034500	PRE-CAST ARCHITECTURAL CONCRETE

**DIVISION 4 – MASONRY**

SECTION 042000	UNIT MASONRY
----------------	--------------

**DIVISION 5 – METALS**

SECTION 051200	STRUCTURAL STEEL FRAMING
SECTION 052100	STEEL JOIST FRAMING
SECTION 053100	STEEL DECKING
SECTION 054100	COLD-FORMED METAL TRUSSES
SECTION 055000	METAL FABRICATIONS
SECTION 055100	METAL PAN STAIRS
SECTION 055150	ACCESS LADDERS

**DIVISION 6 – WOODS, PLASTICS, AND COMPOSITES**

SECTION 061000	ROUGH CARPENTRY
SECTION 061600	SHEATHING
SECTION 064024	INTERIOR ARCHITECTURAL CASEWORK

**DIVISION 7 – THERMAL AND MOISTURE PROTECTION**

SECTION 071326	SELF-ADHERING SHEET AIR BARRIER
SECTION 072000	FOUNDATION INSULATION
SECTION 072100	MINERAL WOOL BATT INSULATION
SECTION 072119	FOAMED-IN-PLACE INSULATION
SECTION 072400	EXTERIOR INSULATION FINISH SYSTEMS
SECTION 072500	WEATHER BARRIERS
SECTION 073110	ASPHALT SHINGLES

SECTION 074213.13	FORMED METAL WALL PANELS
SECTION 075050	VENTED NAILBASE ROOF DECK AND INSULATION PANELS
SECTION 075323	FULLY ADHERED EPDM ROOFING SYTEM
SECTION 076200	SHEET METAL FLASHING AND TRIM
SECTION 077200	MANUFACTURED ROOF SPECIALTIES
SECTION 078120	INTUMESCENT FIRE RESISTIVE MATERIAL
SECTION 079200	JOINT SEALANTS

**DIVISION 8 – OPENINGS**

SECTION 081113	HOLLOW METAL DOORS AND FRAMES
SECTION 081416	FLUSH WOOD DOORS
SECTION 083113	ACCESS DOORS AND FRAMES
SECTION 083600	SECTIONAL OVERHEAD DOORS
SECTION 084113	ALUMINUM ENTRANCES AND STOREFRONTS
SECTION 085113	ALUMINUM WINDOWS
SECTION 08521	ALUMINUM [SLIDING] WINDOWS
SECTION 087100	DOOR HARDWARE
SECTION 088000	GLAZING

**DIVISION 9 – FINISHES**

SECTION 092216	NON-STRUCTURAL METAL FRAMING
SECTION 092217	SUSPENDED DRYWALL FRAMING SYSTEMS
SECTION 092900	GYPSUM BOARD ASSEMBLIES
SECTION 093000	TILING
SECTION 095113	ACOUSTICAL PANEL CEILINGS
SECTION 096513	RESILIENT BASE AND ACCESSORIES
SECTION 096516	RESILIENT SHEET FLOORING
SECTION 096519	RESILIENT TILE FLOORING
SECTION 096566	RESILIENT ATHLETIC FLOORING
SECTION 096813	TILE CARPETING
SECTION 097200	WALL COVERINGS
SECTION 098433	SOUND-ABSORBING WALL UNITS
SECTION 099113	EXTERIOR PAINTING
SECTION 099123	INTERIOR PAINTING

**DIVISION 10 – SPECIALTIES**

SECTION 101100	VISUAL DISPLAY UNITS
SECTION 101423.16	ROOM IDENTIFICATION SIGNAGE
SECTION 101550	TOILET COMPARTMENTS
SECTION 102600	IMPACT-RESISTANT WALL PROTECTION SYSTEMS
SECTION 105200	FIRE-PROTECTION SPECIALTIES
SECTION 108010	TOILET AND BATH ACCESSORIES
SECTION 108500	CUBICLE CURTAIN AND TRACKS

**DIVISION 11 – EQUIPMENT**

SECTION 116623	GYMNASIUM EQUIPMENT
----------------	---------------------

**DIVISION 12 – FURNISHINGS**

SECTION 123250 EDUCATIONAL CASEWORK

**DIVISION 21 – FIRE SUPPRESSION**

THE FIRE SUPPRESSION SPECIFICATIONS ARE CONTAINED IN THE MECHANICAL, ELECTRICAL AND PLUMBING SPECIFICATION VOLUME

**DIVISION 22 – PLUMBING**

THE PLUMBING SPECIFICATIONS ARE CONTAINED IN THE MECHANICAL, ELECTRICAL AND PLUMBING SPECIFICATION VOLUME

**DIVISION 23 – HEATING, VENTILATION AND AIR CONDITIONING**

THE HEATING, VENTILATION AND AIR CONDITIONING ARE CONTAINED IN THE MECHANICAL, ELECTRICAL AND PLUMBING SPECIFICATION VOLUME

**DIVISION 26 – ELECTRICAL**

THE ELECTRICAL SPECIFICATIONS ARE CONTAINED IN THE MECHANICAL, ELECTRICAL AND PLUMBING SPECIFICATION VOLUME

**DIVISION 27 – COMMUNICATION**

THE COMMUNICATIONS SPECIFICATIONS ARE CONTAINED IN THE MECHANICAL, ELECTRICAL AND PLUMBING SPECIFICATION VOLUME

**DIVISION 28 - ELECTRONIC SAFETY AND SECURITY**

THE ELECTRONIC SAFETY AND SECURITY SPECIFICATIONS ARE CONTAINED IN THE MECHANICAL, ELECTRICAL AND PLUMBING SPECIFICATION VOLUME

**DIVISION 31 – EARTHWORK**

SECTION 31000 CONTROL OF SITE WORK  
SECTION 31100 SITE DEMOLITION  
SECTION 31200 SITE EARTHWORK  
SECTION 31300 SOIL EROSION AND SEDIMENT CONTROL

**DIVISION 32 – EXTERIOR IMPROVEMENTS**

SECTION 32126 BITUMINOUS CONCRETE PAVEMENT  
SECTION 321313 PORTLAND CEMENT CONCRETE PAVEMENT  
SECTION 323113 CHAIN LINK FENCES AND GATES  
SECTION 329200 LAWNS AND GRASSES  
SECTION 329300 SITE LANDSCAPING

**DIVISION 33 – UTILITIES**

SECTION 330500 SITE UTILITY PIPING  
SECTION 331116 SITE WATER DISTRIBUTION  
SECTION 333114 SANITARY SEWER SYSTEM  
SECTION 334100 STORM DRAINAGE SYSTEM

END OF SECTION

<b><u>DRAWING NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>DATE</u></b>
<b><u>CIVIL</u></b>		
C-001	TOPOGRAPHY SURVEY	5/21/18
C-101	SITE DEMOLITION PLAN	5/21/18
C-201	SITE LAYOUT PLAN	5/21/18
C-301	SITE GRADING PLAN	5/21/18
C-401	SITE CONSTRUCTION EROSION CONTROL PLAN	5/21/18
C-402	SITE CONSTRUCTION EROSION CONTROL PLAN – WEST	5/21/18
C-403	SITE EROSION CONTROL DETAILS	5/21/18
C-501	SITE UTILITY PLAN	5/21/18
C-601	SITE DETAILS	5/21/18
C-602	SITE DETAILS	5/21/18
C-701	SITE LANDSCAPE PLAN	5/21/18
<b><u>LANDSCAPING</u></b>		
L-001	OVERALL LANDSCAPE PLAN	5/21/18
L-002	COURTYARD LANDSCAPE PLAN & SCHEDULE	5/21/18
<b><u>STRUCTURAL</u></b>		
S-101	UNIT C FOUNDATION PLAN	5/21/18
S-102	UNIT E FOUNDATION PLAN	5/21/18
S-103	UNIT F FOUNDATION PLAN	5/21/18
S-201	UNIT C ROOF FRAMING PLAN & SECTIONS	5/21/18
S-202	UNIT E ROOF FRAMING PLAN & SECTIONS	5/21/18
S-203	UNIT F ROOF FRAMING PLAN & SECTIONS	5/21/18
S-204	FRAMING DETAILS	5/21/18
S-301	GENERAL NOTES	5/21/18
<b><u>ARCHITECTURAL</u></b>		
A-001	ADA CLEARANCES & MOUNTING HEIGHTS	5/21/18
A-011	FIRST FLOOR CODE REVIEW PLAN	5/21/18
A-101	UNIT A FIRST FLOOR DEMOLITION PLAN	5/21/18
A-102	UNIT B FIRST FLOOR DEMOLITION PLAN	5/21/18
A-103	UNIT C & D FIRST FLOOR DEMOLITION PLAN	5/21/18
A-104	UNIT E FIRST FLOOR DEMOLITION PLAN	5/21/18
A-111	UNIT A FIRST FLOOR DIMENSION PLAN	5/21/18
A-112	UNIT B FIRST FLOOR DIMENSION PLAN	5/21/18
A-113	UNIT C & D FIRST FLOOR DIMENSION PLAN	5/21/18
A-114	UNIT E FIRST FLOOR DIMENSION PLAN	5/21/18
A-115	UNIT F FIRST FLOOR DIMENSION PLAN	5/21/18
A-116	UNIT F MEZZANINE DIMENSION PLAN	5/21/18
A-123	ROOF PLAN & DETAILS	5/21/18
A-124	ROOFING DETAILS	5/21/18
A-131	UNIT A FIRST FLOOR REFLECTED CEILING PLAN	5/21/18
A-132	UNIT B FIRST FLOOR REFLECTED CEILING PLAN	5/21/18
A-133	UNIT C & D FIRST FLOOR REFLECTED CEILING PLAN	5/21/18
A-134	UNIT E FIRST FLOOR REFLECTED CEILING PLAN	5/21/18
A-135	UNIT F FIRST FLOOR REFLECTED CEILING PLAN	5/21/18
A-141	UNIT A FIRST FLOOR FINISH PLAN	5/21/18
A-142	UNIT B FIRST FLOOR FINISH PLAN	5/21/18
A-143	UNIT C & D FIRST FLOOR FINISH PLAN	5/21/18
A-144	UNIT E FIRST FLOOR FINISH PLAN	5/21/18
A-145	UNIT F FIRST FLOOR FINISH PLAN	5/21/18

LAFAYETTE MEADOWS ELEMENTARY SCHOOL

HI – 18-1145-Q  
LIST OF DRAWINGS  
00 0004-1

May 21, 2018

A-147	FINISH SCHEDULE, REMARKS, & LEGEND	5/21/18
A-201	BUILDING ELEVATIONS	5/21/18
A-202	BUILDING ELEVATIONS	5/21/18
A-301	BUILDING SECTIONS	5/21/18
A-302	BUILDING SECTIONS	5/21/18
A-311	WALL SECTIONS	5/21/18
A-312	WALL SECTIONS	5/21/18
A-313	WALL SECTIONS	5/21/18
A-314	WALL SECTIONS	5/21/18
A-315	WALL SECTIONS	5/21/18
A-316	WALL SECTIONS	5/21/18
A-317	WALL SECTIONS	5/21/18
A-318	WALL SECTIONS	5/21/18
A-322	STAIR DETAILS	5/21/18
A-401	ENLARGED PLANS, INTERIOR ELEV., & DETAILS	5/21/18
A-402	GYMNASIUM ENLARGED PLANS & INTERIOR ELEVATIONS	5/21/18
A-411	CASEWORK ELEVATIONS	5/21/18
A-421	CASEWORK NOTES, LEGEND, & DETAILS	5/21/18
A-501	EXTERIOR DETAILS/TYPICALS	5/21/18
A-511	INTERIOR FRAMING DETAILS/TYPICALS	5/21/18
A-513	INTERIOR BLOCKING DETAILS/TYPICALS	5/21/18
A-514	INTERIOR FINISH DETAILS/TYPICALS	5/21/18
A-601	DOOR/WINDOW/OPENING SCHEDULE	5/21/18
A-602	WINDOW ELEVATIONS & DETAILS	5/21/18
A-603	WINDOW ELEVATIONS & DETAILS	5/21/18
A-604	OVERHEAD DOOR ELEVATIONS, SECTIONS, & DETAILS	5/21/18

### **FOOD SERVICE**

K-101	KITCHEN EQUIPMENT PLAN	5/21/18
K-201	KITCHEN PLUMBING PLAN	5/21/18
K-301	KITCHEN ELECTRICAL PLAN	5/21/18
K-401	WALK-IN COOLER/FREEZER DETAILS	5/21/18
K-501	SERVING LINE EQUIPMENT DETAILS	5/21/18

### **FIRE PROTECTION**

FP-101	FIRE PROTECTION PLAN	5/21/18
--------	----------------------	---------

### **PLUMBING**

P-001	PLUMBING INFORMATION SHEET	5/21/18
P-101	PARTIAL FIRST FLOOR PLUMBING DEMO PLAN-UNITS A & D	5/21/18
P-201	PARTIAL UNDERGROUND PLUMBING PLANS – UNITS C & E	5/21/18
P-202	UNDERGROUND PLUMBING PLAN – UNIT F	5/21/18
P-203	PARTIAL FIRST FLOOR PLUMBING PLANS – UNITS A & C	5/21/18
P-204	FIRST FLOOR PLUMBING PLAN – UNIT D & PARTIAL – UNIT E	5/21/18
P-205	FIRST FLOOR PLUMBING PLAN – UNIT F	5/21/18
P-301	PLUMBING ISOMETRIC	5/21/18
P-401	PLUMBING SCHEDULES	5/21/18

### **MECHANICAL**

M-001	MECHANICAL INFORMATION SHEET	5/21/18
M-101	FIRST FLOOR MECHANICAL DEMOLITION PLAN – UNIT A	5/21/18
M-102	FIRST FLOOR MECHANICAL DEMOLITION PLAN – UNIT B	5/21/18
M-103	FIRST FLOOR MECHANICAL DEMOLITION PLAN – UNIT C	5/21/18
M-104	FIRST FLOOR MECHANICAL DEMOLITION PLAN – UNIT D	5/21/18
M-105	FIRST FLOOR MECHANICAL DEMOLITION PLAN – UNIT E	5/21/18

LAFAYETTE MEADOWS ELEMENTARY SCHOOL

HI – 18-1145-Q  
LIST OF DRAWINGS  
00 0004-2

May 21, 2018

M-106	MEZZANINE MECHANICAL DEMOLITION PLAN – UNIT E	5/21/18
M-201	FIRST FLOOR MECHANICAL PLAN – UNIT A	5/21/18
M-202	FIRST FLOOR MECHANICAL PLAN – UNIT B	5/21/18
M-203	FIRST FLOOR MECHANICAL PLAN – UNIT C	5/21/18
M-204	FIRST FLOOR MECHANICAL PLAN – UNIT D	5/21/18
M-205	FIRST FLOOR MECHANICAL PLAN – UNIT E	5/21/18
M-206	FIRST FLOOR MECHANICAL PLAN – UNIT F	5/21/18
M-207	MEZZANINE MECHANICAL PLAN – UNIT C	5/21/18
M-208	MEZZANINE MECHANICAL PLAN – UNIT E	5/21/18
M-209	MEZZANINE MECHANICAL PLAN – UNIT F	5/21/18
M-401	MECHANICAL DETAIL SHEET	5/21/18
M-501	MECHANICAL SCHEDULE SHEET	5/21/18

## **ELECTRICAL**

E-000	ELECTRICAL INFORMATION SHEET	5/21/18
E-101	UNIT A FIRST FLOOR ELECTRICAL DEMOLITION PLAN	5/21/18
E-102	UNIT B FIRST FLOOR ELECTRICAL DEMOLITION PLAN	5/21/18
E-103	UNIT C & D FIRST FLOOR ELECTRICAL DEMOLITION PLAN	5/21/18
E-104	UNIT E FIRST FLOOR ELECTRICAL DEMOLITION PLAN	5/21/18
E-201	UNIT A FIRST FLOOR POWER & AUXILIARY SYSTEMS PLAN	5/21/18
E-202	UNIT B FIRST FLOOR POWER & AUXILIARY SYSTEMS PLAN	5/21/18
E-203	UNIT C & D FIRST FLOOR POWER & AUXILIARY SYSTEMS PLAN	5/21/18
E-204	UNIT E FIRST FLOOR POWER & AUXILIARY SYSTEMS PLAN	5/21/18
E-205	UNIT F FIRST FLOOR POWER & AUXILIARY SYSTEMS PLAN	5/21/18
E-206	UNIT F MEZZANINE POWER & AUXILIARY SYSTEMS PLAN	5/21/18
E-301	UNIT A FIRST FLOOR LIGHTING PLAN	5/21/18
E-302	UNIT B FIRST FLOOR LIGHTING PLAN	5/21/18
E-303	UNIT C & D FIRST FLOOR LIGHTING PLAN	5/21/18
E-304	UNIT E FIRST FLOOR LIGHTING PLAN	5/21/18
E-305	UNIT F FIRST FLOOR LIGHTING PLAN	5/21/18
E-306	UNIT F MEZZANINE LIGHTING PLAN	5/21/18
E-401	UNIT A FIRST FLOOR TELECOM. PLAN	5/21/18
E-402	UNIT B FIRST FLOOR TELECOM. PLAN	5/21/18
E-403	UNIT C & D FIRST FLOOR TELECOM. PLAN	5/21/18
E-404	UNIT E FIRST FLOOR TELECOM. PLAN	5/21/18
E-405	UNIT F FIRST FLOOR TELECOM. PLAN	5/21/18
E-406	UNIT F MEZZANINE TELECOM. PLAN	5/21/18
E-501	ELECTRICAL DETAILS	5/21/18
E-502	ELECTRICAL DETAILS	5/21/18
E-601	EXISTING ELECTRICAL SERVICE & DISTRIBUTION RISER DIAGRAM	5/21/18
E-602	REVISED ELECTRICAL SERVICE & DISTRIBUTION RISER DIAGRAM	5/21/18
E-701	ELECTRICAL SCHEDULES	5/21/18
E-702	ELECTRICAL SCHEDULES	5/21/18
E-703	ELECTRICAL SCHEDULES	5/21/18
E-801	ELECTRICAL SPECIFICATIONS	5/21/18
ES-101	ELECTRICAL SITE PLAN	5/21/18
ES-201	ELECTRICAL SITE PLAN	5/21/18

END OF SECTION