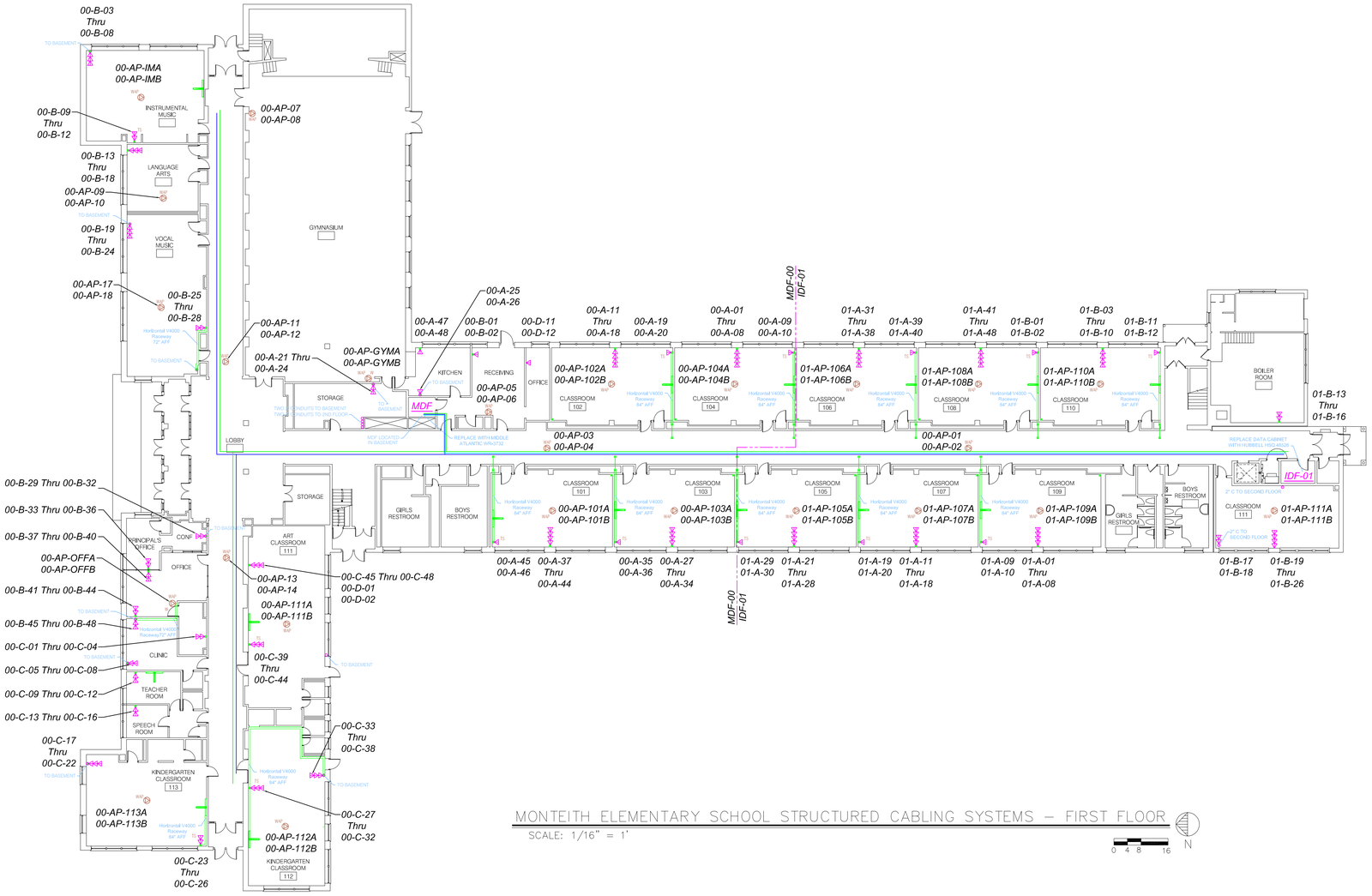


MONTEITH ELEMENTARY SCHOOL STRUCTURED CABLING SYSTEMS – FIRST FLOOR

SCALE: 1/16" = 1'

0 4 8 16 N

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44265 Groesbeck Hwy. Clinton Twp., MI. 48036
Tel.: 586.439.2000
Fax: 586.439.2001
Web Address: www.cit-4ucom

CLIENT: Grosse Pointe Schools

PROJECT: Monteith Elementary

DESCRIPTION: Technology Recabling & Improvements – As Build

DRAWN BY: C.M.

CHECKED BY: V.T.

FILENAME: CIT\Monteith Elem\Tech As Build

DATE: 04.19.16

SCALE: Full (Model Space)

PLOT SCALE: Scale To Fit

REVISIONS

REVISION DATE	DESCRIPTION	APPROVED BY

NOTES

DRAWING NUMBER:

1

WRIGHT HUNTER

Innovative & Independent
TECHNOLOGY ADVISORS

818 West 11 Mile Road
Royal Oak, MI 48067

Tel: (248) 594-5850
Fax: (248) 594-5851
http://www.wrighthunter.com

Updated Background: 24 August 2015

Bidding: 13 January 2015

Structured Cabling Systems

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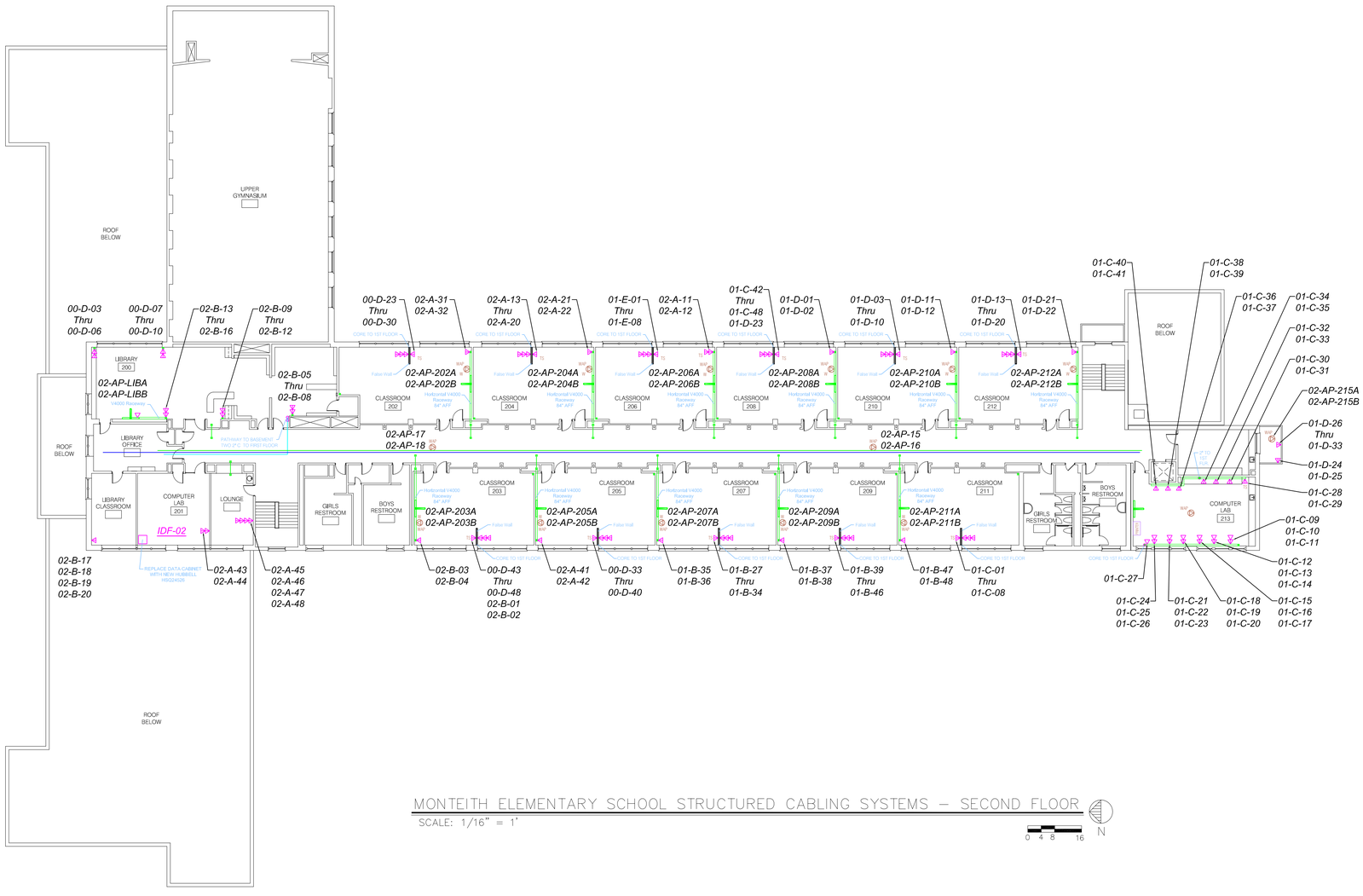
Grosse Pointe Public School System
Monteith Elementary School - First Floor
Technology Recabling & Improvements

T 2.1C

Project No. 3214

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MONTEITH ELEMENTARY SCHOOL STRUCTURED CABLING SYSTEMS – SECOND FLOOR

SCALE: 1/16" = 1'

0 4 8 16 N

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Clinton Twp., MI. 48036
Tel.: 586.439.2000
Fax: 586.439.2001
Web Address:
www.cit-4ucom

CLIENT: Grosse Pointe Schools

PROJECT: Monteith Elementary

DESCRIPTION: Technology Recabling & Improvements – As Build

DRAWN BY: C.M.

CHECKED BY: V.T.

FILENAME: CIT\Monteith Elem\Tech As Build

DATE: 04.19.16

SCALE: Full (Model Space)

PLOT SCALE: Scale To Fit

REVISIONS

REVISION DATE	DESCRIPTION	APPROVED BY

NOTES

Innovative & Independent
TECHNOLOGY ADVISORS

818 West 11 Mile Road
Royal Oak, MI 48067

Tel: (248) 594-5850
Fax: (248) 594-5851
http://www.wrighthunter.com

Updated Background: 24 August 2015

Bidding: 13 January 2015

Structured Cabling Systems

Ehresman Associates, Inc.
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Grosse Pointe Public School System
Monteith Elementary School - Second Floor
Technology Recabling & Improvements

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Project No. 3214

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GENERAL CONSTRUCTION REQUIREMENTS

1. Visit the site prior to submission of bid to examine the existing conditions and extent of demolition work. The submitting of a proposal implies that the Contractor has visited the site and understands the condition under which the work must be conducted. No additional charges will be allowed because of failure to make this examination or to include all materials and labor to complete the work.
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7. Contractor shall submit to the Architect/Engineer cut sheets for the surface raceway, conduit, fittings and device boxes.

CONSTRUCTION KEY NOTES

Install new 4050 plates, raceway cover plates, and floor or ceiling penetrations into raceway as required.

Install V2000 raceway from horizontal V4000 raceway to projector cover plate in classrooms. Include all necessary components, fittings and offsets.

Install V2000 raceway from V4000 vertical raceway in classrooms and connect to V2000 raceway under SMART board. Include all necessary components, fittings and offsets.

Install liquid tight flexible non-metallic conduit from V4000 vertical raceway in classrooms and connect to V2000 raceway under SMART board. Include one-gang extra deep device box and all necessary components, fittings and offsets.

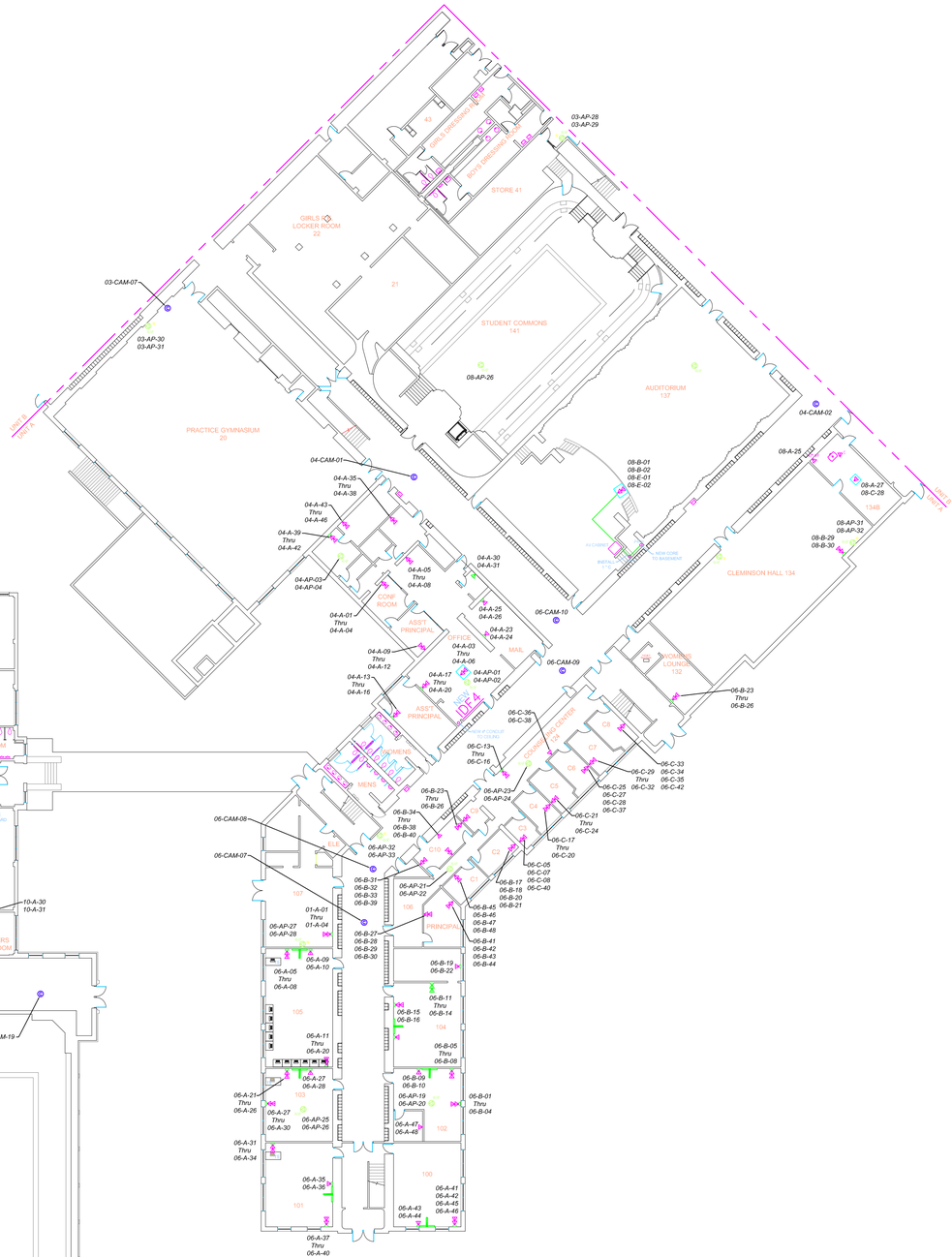
Install V2000 surface metal raceway: Galvanized steel with Snap-On covers. Include one-gang extra deep device box and all necessary components, fittings and offsets.

Install V700 surface metal raceway: Galvanized steel with Snap-On covers. Include one-gang extra deep device box and all necessary components, fittings and offsets.

Install 1" EMT conduit in accordance with NECA Standards. Include one-gang deep device box and all necessary components, fittings, j-boxes and offsets.

Terminate existing data drops in wall mounted consolidation point. Extend existing data drop from the consolidation point to IDF9 in Room 215.

Install two Cat 6 UTP cables with 2-port surface box for future. Reuse existing WAP cable and terminate cable on patch panel in appropriate telecommunication room.



SOUTH HIGH SCHOOL STRUCTURED CABLING SYSTEMS – FIRST FLOOR UNIT A

SCALE: 1" = 20'

0 5 10 20 N

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Tel.: 586.439.2000
Fax: 586.439.2001
Web Address:
www.cit-4ucom

CLIENT: Grosse Pointe Public School System

PROJECT: South High School

DESCRIPTION: Technology Recabling & Improvements - As Build

DRAWN BY: V.T.

CHECKED BY: S.W.

FILENAME: CIT\South HS\Tech As Build

DATE: 06.16.16

SCALE: Full (Model Space)

PLOT SCALE: Scale To Fit

REVISIONS

REVISION DATE	DESCRIPTION	APPROVED BY

NOTES

W&H WRIGHT HUNTER
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Tel: (248) 594-5850
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Bidding: 13 January 2015

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Grosse Pointe Public School System
South High School - First Floor Unit A
Technology Recabling & Improvements

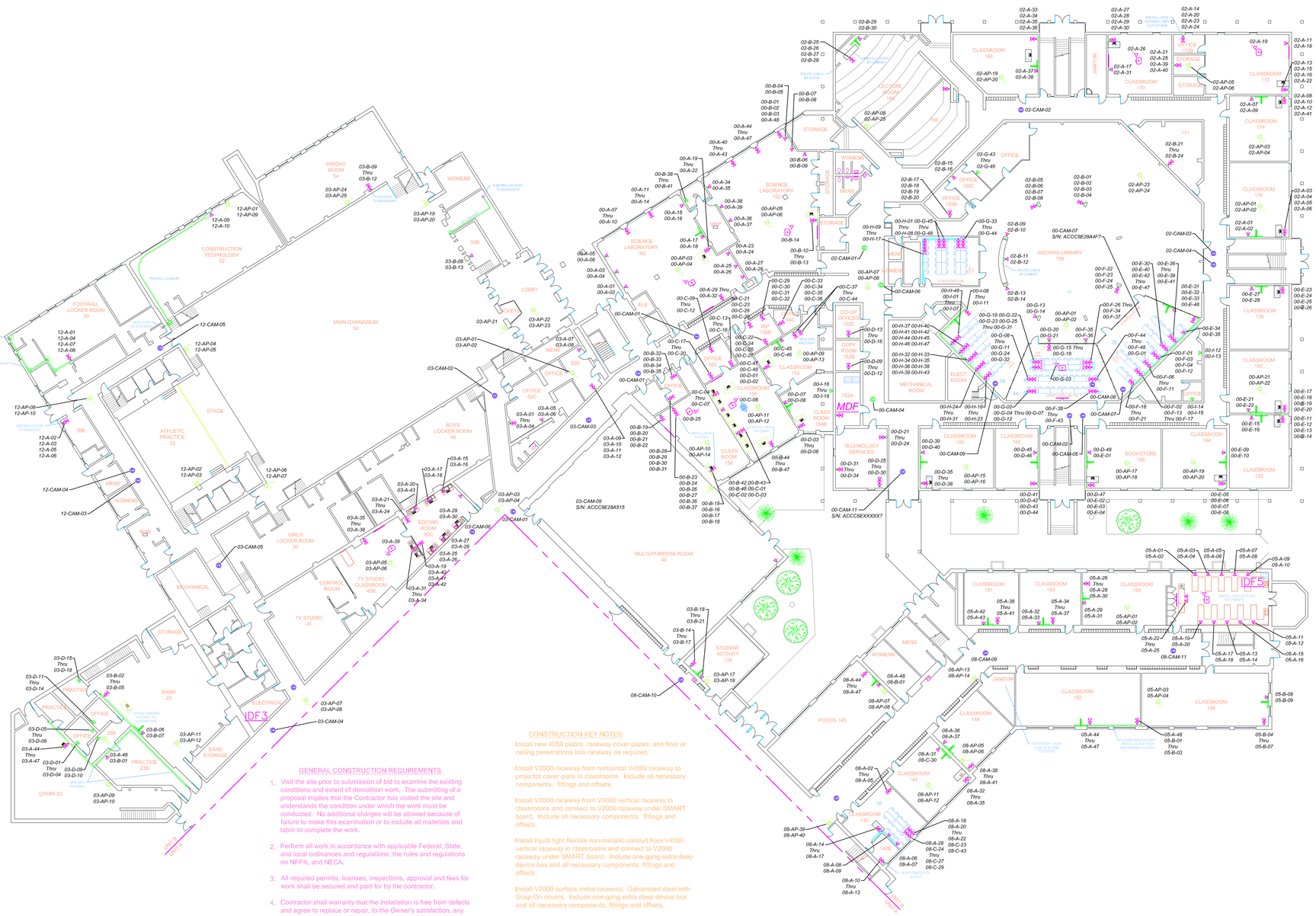
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DRAWING NUMBER: 2



SOUTH HIGH SCHOOL STRUCTURED CABLING SYSTEMS – FIRST FLOOR UNIT B

SCALE: 1" = 20'

0 5 10 20 N

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Tel.: 586.439.2000
Fax: 586.439.2001
Web Address: www.cit-4ucom

CLIENT: Grosse Pointe Public School System

PROJECT: South High School

DESCRIPTION: Technology Recabling & Improvements - As Build

DRAWN BY: V.T.

CHECKED BY: S.W.

FILENAME: CIT\South HS\Tech As Build

DATE: 06.16.16

SCALE: Full (Model Space)

PLOT SCALE: Scale To Fit

REVISIONS

REVISION DATE	DESCRIPTION	APPROVED BY

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DRAWING NUMBER: 3

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Bidding: 13 January 2015

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Grosse Pointe Public School System
South High School - First Floor Unit B
Technology Recabling & Improvements

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Project No. 3114

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GENERAL CONSTRUCTION REQUIREMENTS

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6. Provide UL approved fire-stopping system for all penetrations passing through fire rated assemblies.
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CONSTRUCTION KEY NOTES

Install new 4050 plates, raceway cover plates, and floor or ceiling penetrations into raceway as required.

Install V2000 raceway from horizontal V4000 raceway to projector cover plate in classrooms. Include all necessary components, fittings and offsets.

Install V2000 raceway from V4000 vertical raceway in classrooms and connect to V2000 raceway under SMART board. Include all necessary components, fittings and offsets.

Install liquid tight flexible non-metallic conduit from V4000 vertical raceway in classrooms and connect to V2000 raceway under SMART board. Include one-gang extra deep device box and all necessary components, fittings and offsets.

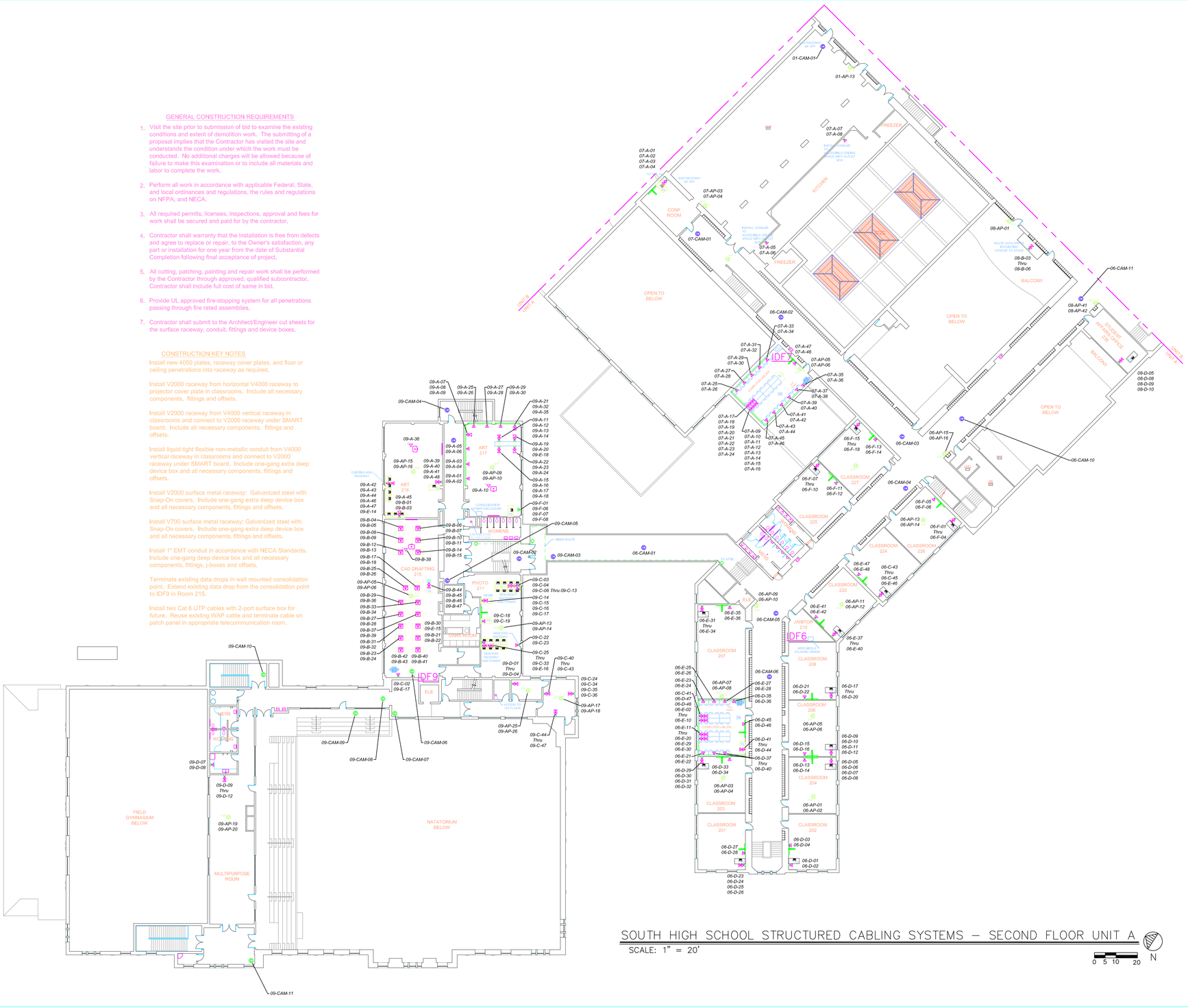
Install V2000 surface metal raceway: Galvanized steel with Snap-On covers. Include one-gang extra deep device box and all necessary components, fittings and offsets.

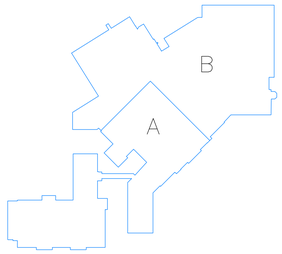
Install V700 surface metal raceway: Galvanized steel with Snap-On covers. Include one-gang extra deep device box and all necessary components, fittings and offsets.

Install 1" EMT conduit in accordance with NECA Standards. Include one-gang deep device box and all necessary components, fittings, j-boxes and offsets.

Terminate existing data drops in wall mounted consolidation point. Extend existing data drop from the consolidation point to IDF9 in Room 215.

Install two Cat 6 UTP cables with 2-port surface box for future. Reuse existing WAP cable and terminate cable on patch panel in appropriate telecommunication room.





SOUTH HIGH SCHOOL STRUCTURED CABLING SYSTEMS – SECOND FLOOR UNIT A

SCALE: 1" = 20'

0 5 10 20 N

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Technologies & Design — Fax: 586.439.2001
44265 Groesbeck Hwy. — Web Address:
Clinton Twp., MI. 48036 — www.cit-4ucom

CLIENT: Grosse Pointe Public School System

PROJECT: South High School

DESCRIPTION: Technology Recabling & Improvements - As Build

DRAWN BY: V.T.

CHECKED BY: S.W.

FILENAME: CIT\South HS\Tech As Build

DATE: 06.16.16

SCALE: Full (Model Space)

PLOT SCALE: Scale To Fit

REVISIONS

REVISION DATE	DESCRIPTION	APPROVED BY

NOTES

W&H WRIGHT HUNTER
Innovative & Independent
TECHNOLOGY ADVISORS
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Royal Oak, MI 48067
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Fax: (248) 594-5851
http://www.wrighthunter.com

Bidding: 13 January 2015

Structured Cabling Systems

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Grosse Pointe Public School System
South High School - Second Floor Unit A
Technology Recabling & Improvements

T 2.4H

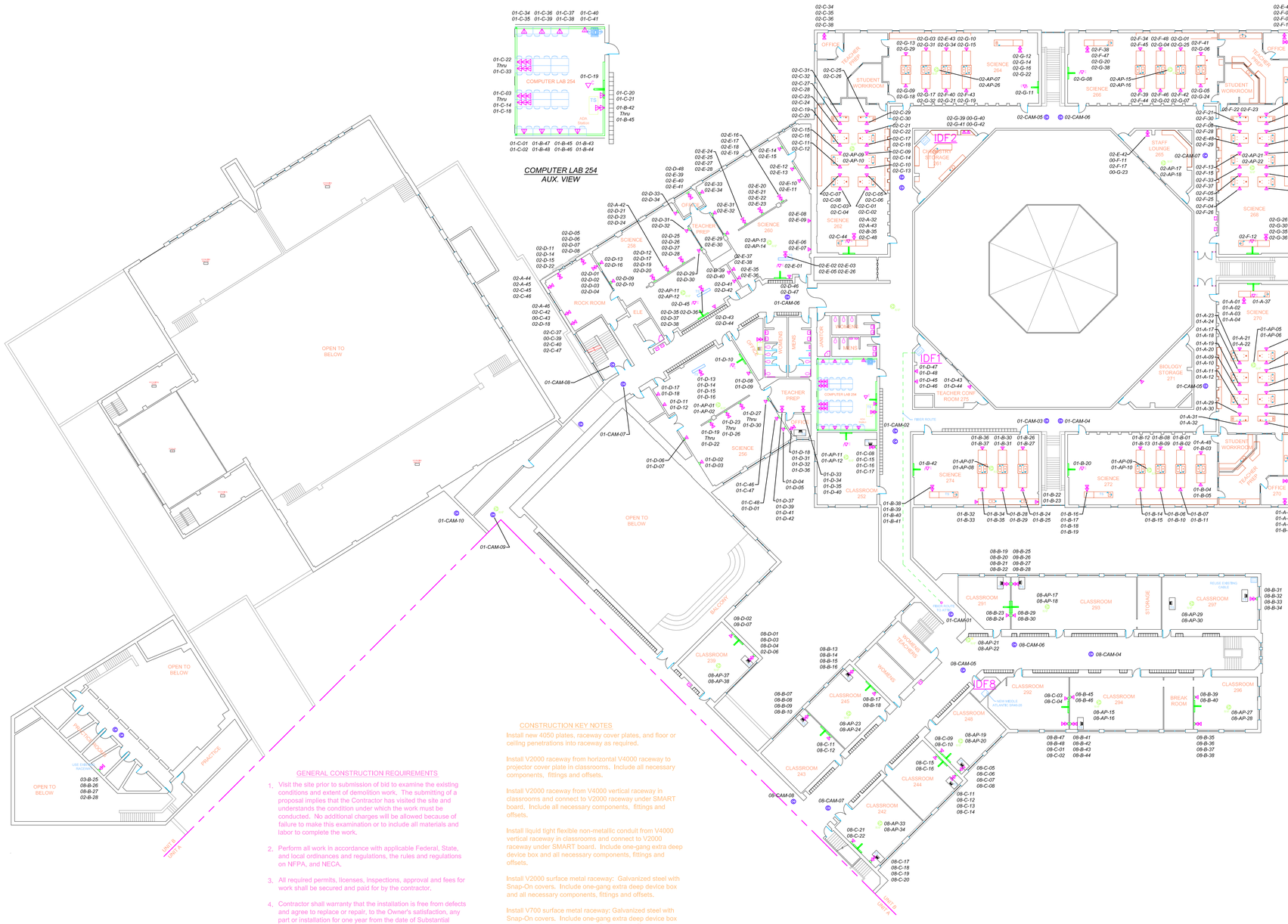
Project No. 3114

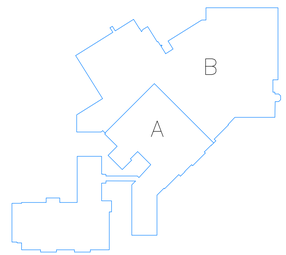
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GENERAL CONSTRUCTION REQUIREMENTS

1. Visit the site prior to submission of bid to examine the existing conditions and extent of demolition work. The submitting of a proposal implies that the Contractor has visited the site and understands the condition under which the work must be conducted. No additional charges will be allowed because of failure to make this examination or to include all materials and labor to complete the work.
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Install V2000 raceway from V4000 vertical raceway in classrooms and connect to V2000 raceway under SMART board. Include all necessary components, fittings and offsets.

Install liquid tight flexible non-metallic conduit from V4000 vertical raceway in classrooms and connect to V2000 raceway under SMART board. Include one-gang extra deep device box and all necessary components, fittings and offsets.

Install V2000 surface metal raceway: Galvanized steel with Snap-On covers. Include one-gang extra deep device box and all necessary components, fittings and offsets.

Install V700 surface metal raceway: Galvanized steel with Snap-On covers. Include one-gang extra deep device box and all necessary components, fittings and offsets.

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Install two Cat 6 UTP cables with 2-port surface box for future. Reuse existing WAP cable and terminate cable on patch panel in appropriate telecommunication room.

SOUTH HIGH SCHOOL STRUCTURED CABLING SYSTEMS – SECOND FLOOR UNIT B

SCALE: 1" = 20'

0 5 10 20 N

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Tel.: 586.439.2000
Fax: 586.439.2001
Web Address:
www.cit-4ucom

CLIENT: Grosse Pointe Public School System

PROJECT: South High School

DESCRIPTION: Technology Recabling & Improvements - As Build

DRAWN BY: V.T.

CHECKED BY: S.W.

FILENAME: CIT\South HS\Tech As Build

DATE: 06.16.16

SCALE: Full (Model Space)

PLOT SCALE: Scale To Fit

REVISIONS

REVISION DATE	DESCRIPTION	APPROVED BY

NOTES

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Innovative & Independent
TECHNOLOGY ADVISORS
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http://www.wrighthunter.com

Bidding: 13 January 2015

Structured Cabling Systems

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Grosse Pointe Public School System
South High School - Second Floor Unit B
Technology Recabling & Improvements

T 2.5H

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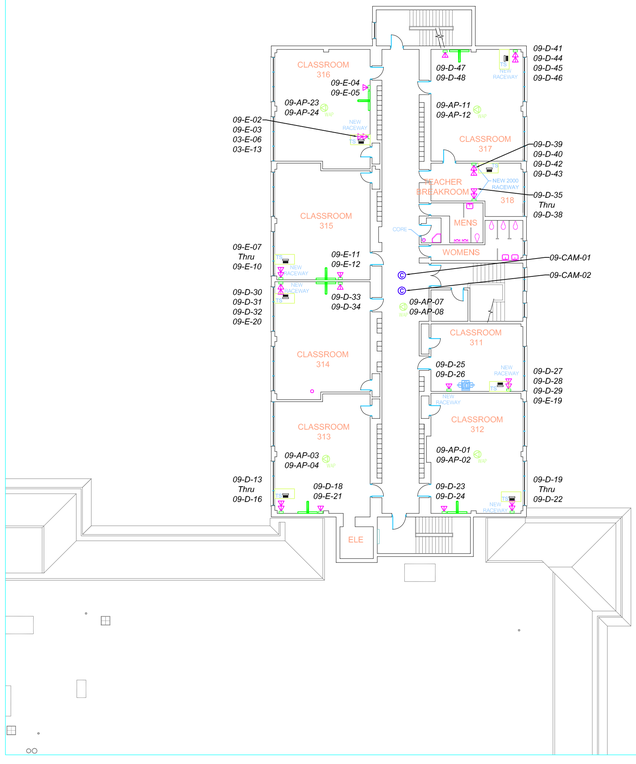
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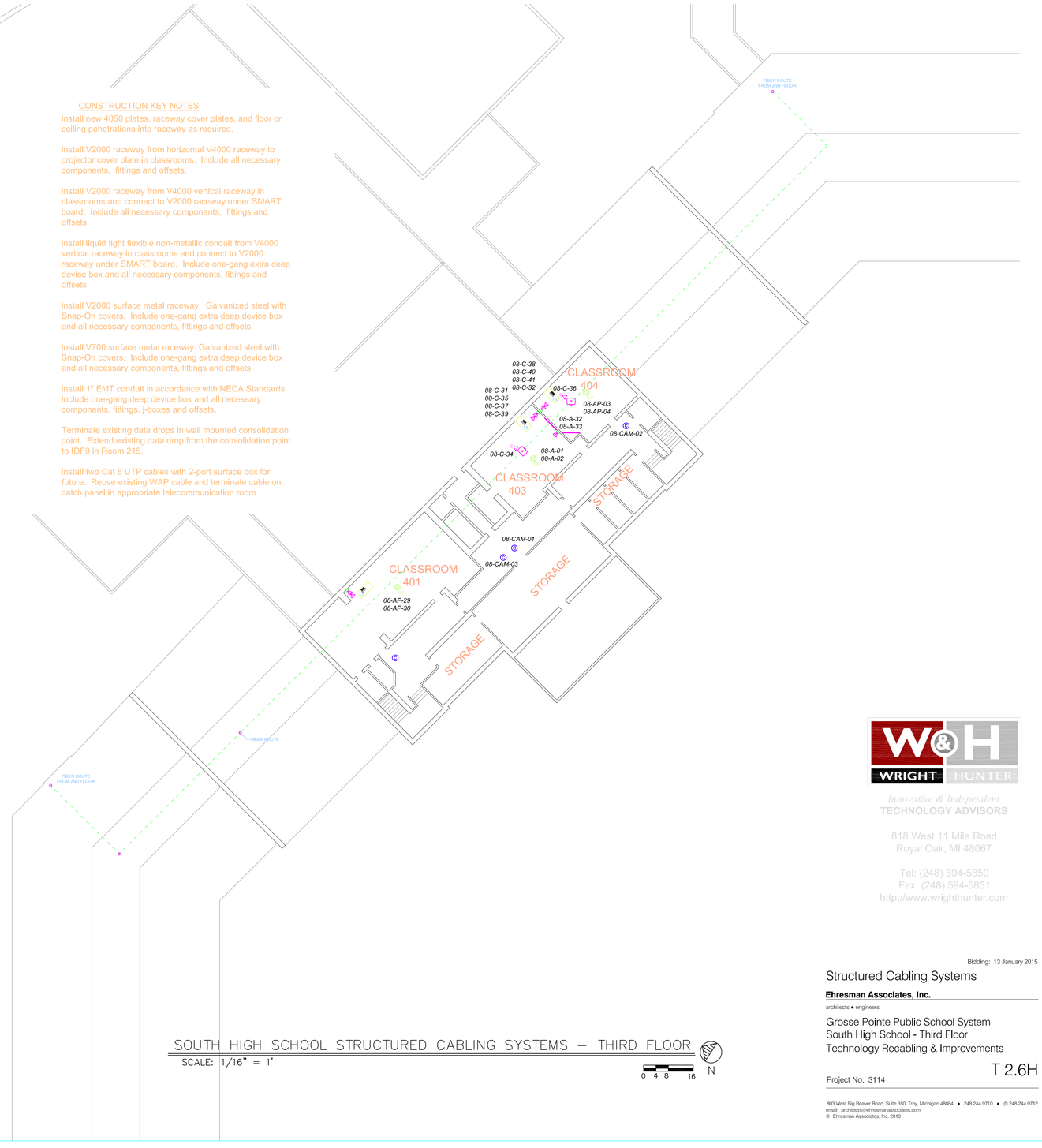
Install V700 surface metal raceway: Galvanized steel with Snap-On covers. Include one-gang extra deep device box and all necessary components, fittings and offsets.

Install 1" EMT conduit in accordance with NECA Standards. Include one-gang deep device box and all necessary components, fittings, j-boxes and offsets.

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SOUTH HIGH SCHOOL STRUCTURED CABLING SYSTEMS – THIRD FLOOR

SCALE: 1/16" = 1'

0 4 8 16 N

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Web Address:
www.cit-4ucom

CLIENT: Grosse Pointe Public School System

PROJECT: South High School

DESCRIPTION: Technology Recabling & Improvements - As Build

DRAWN BY: V.T.

CHECKED BY: S.W.

FILENAME: CIT\South HS\Tech As Build

DATE: 06.16.16

SCALE: Full (Model Space)

PLOT SCALE: Scale To Fit

REVISIONS

REVISION DATE	DESCRIPTION	APPROVED BY

NOTES

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Fax: (248) 594-5851
http://www.wrighthunter.com

Bidding: 13 January 2015

Structured Cabling Systems

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Grosse Pointe Public School System
South High School - Third Floor
Technology Recabling & Improvements

Project No. 3114

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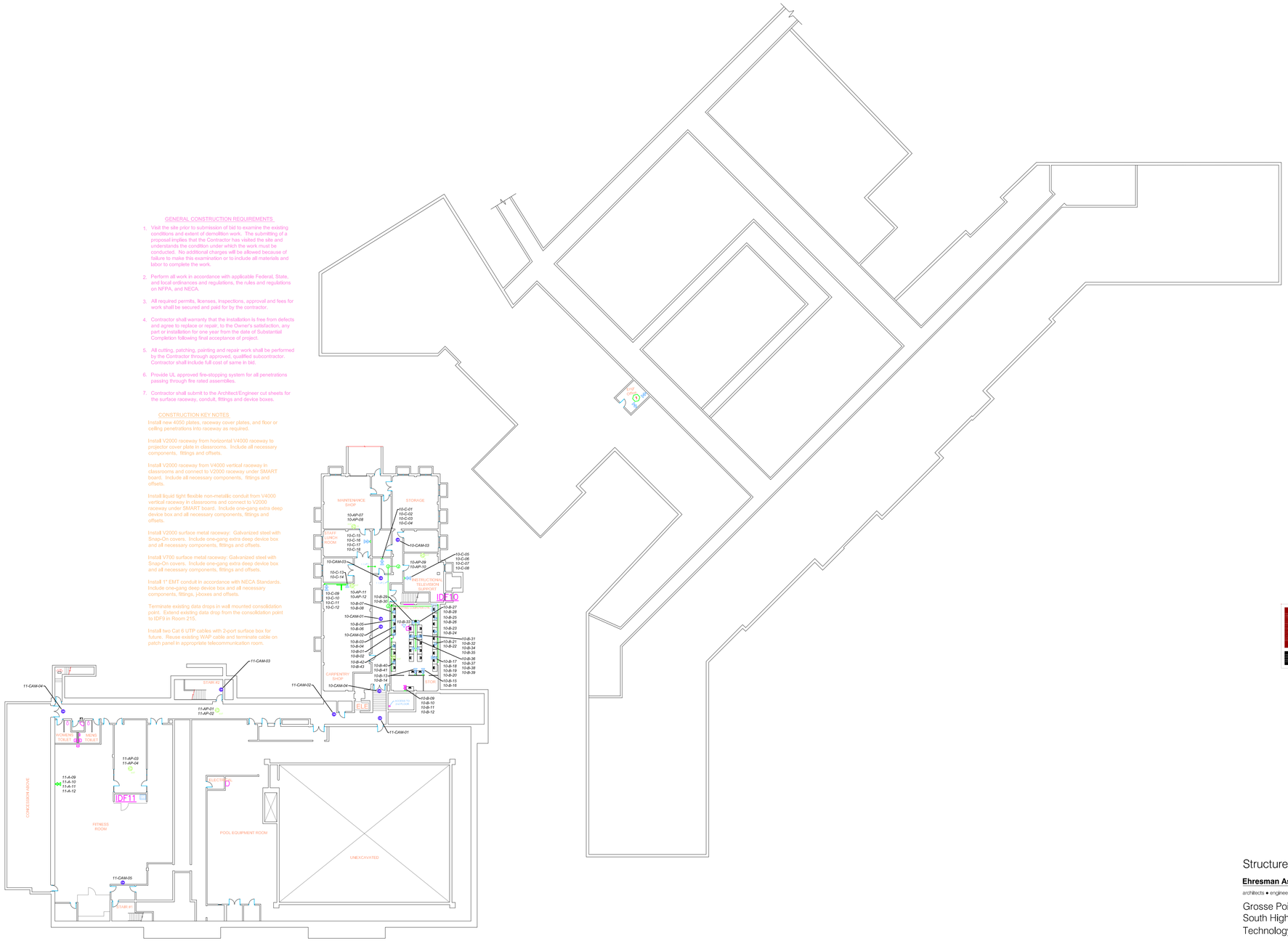
Install V2000 surface metal raceway. Galvanized steel with Snap-On covers. Include one-gang extra deep device box and all necessary components, fittings and offsets.

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SOUTH HIGH SCHOOL STRUCTURED CABLING SYSTEMS – BASEMENT

SCALE: 1" = 25'

0 5 10 25 N

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CLIENT: Grosse Pointe Public School System

PROJECT: South High School

DESCRIPTION: Technology Recabling & Improvements - As Build

DRAWN BY: V.T.

CHECKED BY: S.W.

FILENAME: CIT\South HS\Tech As Build

DATE: 06.16.16

SCALE: Full (Model Space)

PLOT SCALE: Scale To Fit

REVISIONS

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http://www.wrighthunter.com

Bidding: 13 January 2015

Structured Cabling Systems

Ehresman Associates, Inc.
architects • engineers

Grosse Pointe Public School System
South High School - Basement
Technology Recabling & Improvements

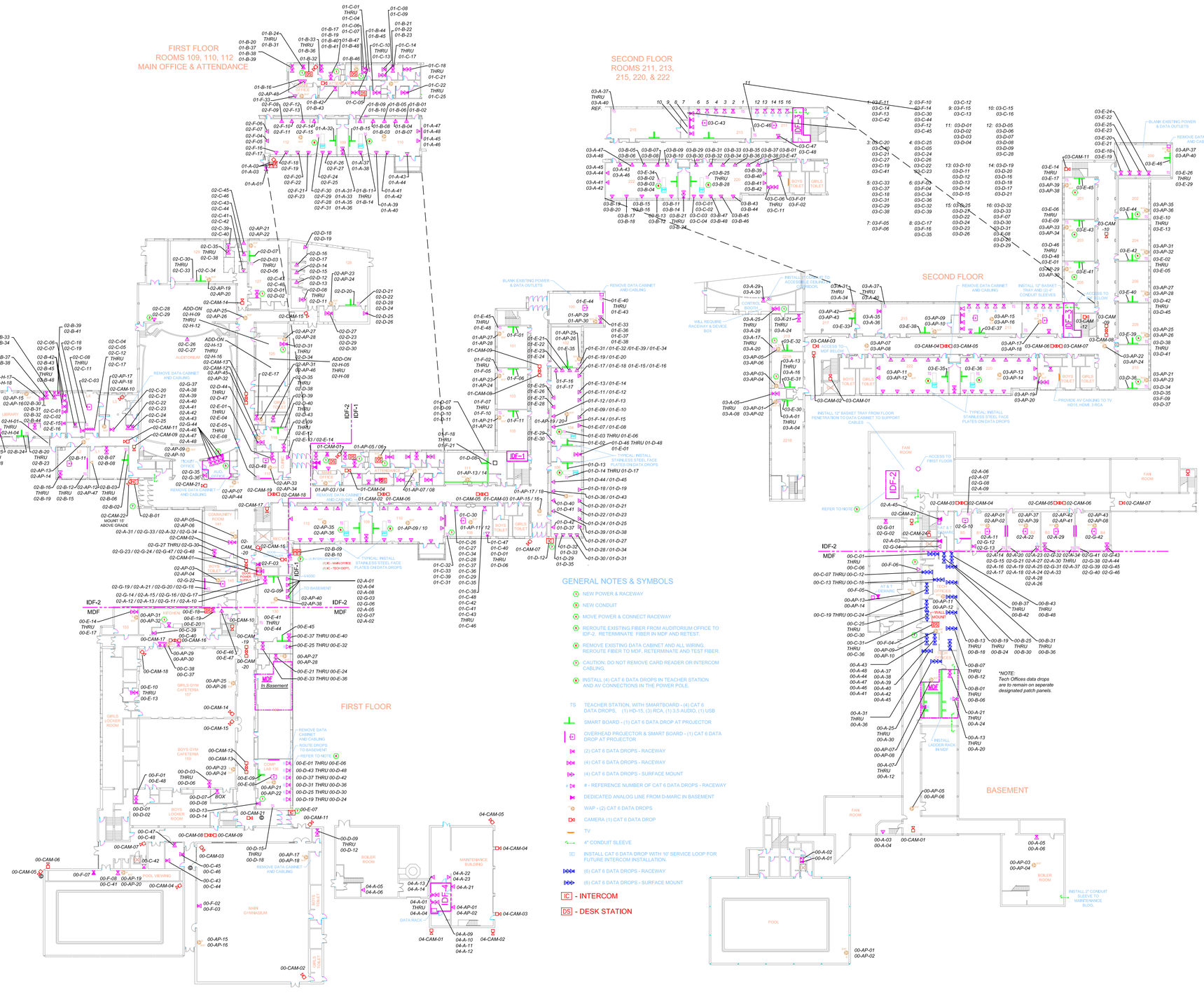
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Project No. 3114

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DRAWING NUMBER:



GENERAL NOTES & SYMBOLS

- NEW POWER & RACEWAY
- NEW CONDUIT
- MOVE POWER & CONNECT RACEWAY
- REROUTE EXISTING FIBER FROM AUDITORIUM OFFICE TO IDF-2. RETERMINATE FIBER IN MDF AND RETEST.
- REMOVE EXISTING DATA CABINET AND ALL WIRING. REROUTE FIBER TO MDF, RETERMINATE AND TEST FIBER.
- CAUTION: DO NOT REMOVE CARD READER OR INTERCOM CABLING.
- INSTALL (4) CAT 6 DATA DROPS IN TEACHER STATION AND AV CONNECTIONS IN THE POWER POLE.

TS TEACHER STATION, WITH SMARTBOARD - (4) CAT 6 DATA DROPS, (1) HD-15, (3) RCA, (1) 3.5 AUDIO, (1) USB

SMART BOARD - (1) CAT 6 DATA DROP AT PROJECTOR

OVERHEAD PROJECTOR & SMART BOARD - (1) CAT 6 DATA DROP AT PROJECTOR

(2) CAT 6 DATA DROPS - RACEWAY

(4) CAT 6 DATA DROPS - RACEWAY

(4) CAT 6 DATA DROPS - SURFACE MOUNT

- REFERENCE NUMBER OF CAT 6 DATA DROPS - RACEWAY

DEDICATED ANALOG LINE FROM D-MARC IN BASEMENT

WAP - (2) CAT 6 DATA DROPS

CAMERA (1) CAT 6 DATA DROP

TV

4" CONDUIT SLEEVE

IC INSTALL CAT 6 DATA DROP WITH 10' SERVICE LOOP FOR FUTURE INTERCOM INSTALLATION.

(6) CAT 6 DATA DROPS - RACEWAY

(6) CAT 6 DATA DROPS - SURFACE MOUNT

IC - INTERCOM

DS - DESK STATION

ISSUE DATE	ISSUED FOR
05-15-14	DESIGN DEVELOPMENT
02-CAM-08	

DRAWN	GENE BRUNE
CHECKED	JOHN MUNRO
APPROVED	SCOTT BRUNE

W&H WRIGHT HUNTER

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Addendum 1	02-17-16
Bidding	01-20-16

Structured Cabling Systems

Ehresman Associates, Inc.
architects • engineers

Grosse Pointe Public School System
Parcells Middle School
Technology Recabling Improvements

Project No. 5815

T 2.1G

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