

CRITTENTON HOSPITAL

MEDICAL OFFICE BUILDING ADDITION

ROCHESTER HILLS, MICHIGAN
PROJECT NO. 2006-113

JUNE 7, 2007

REVISED FINAL SITE PLAN REVIEW



FRENCH
associates

architects planners interiors

LIST OF DRAWINGS

CIVIL

- CO.1 SITE PLAN
- CO.2 UTILITY PLAN
- CO.3 GRADING PLAN
- CO.4 TOPOGRAPHICAL SURVEY AND DEMOLITION PLAN
- CO.5 TOPOGRAPHICAL SURVEY AND NOTES

LANDSCAPE

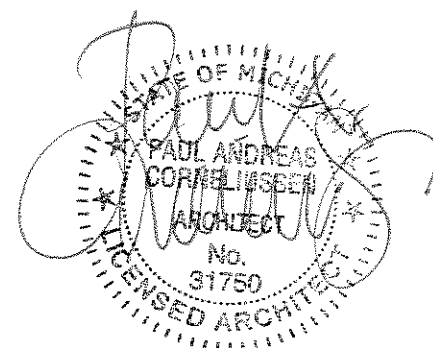
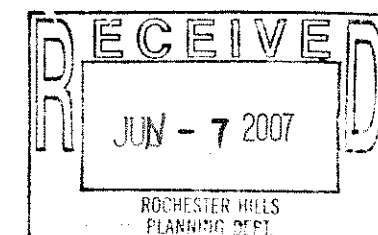
- L1 PLANTING PLAN
- L2 PLANTING DETAILS
- IR1 IRRIGATION PLAN
- IR2 IRRIGATION DETAILS

ELECTRICAL

- EO.01 ELECTRICAL SITE PLAN
- EO.02 SITE LIGHTING PHOTOMETRIC PLAN

ARCHITECTURAL

- A0.2 COMPOSITE CODE PLAN
- A2.01 FIRST FLOOR PLAN
- A2.02 SECOND FLOOR PLAN
- A2.03 THIRD FLOOR PLAN
- A2.04 FOURTH FLOOR PLAN
- A2.05 ROOF/MEZZANINE PLAN
- A2.06 ROOF PLAN
- A4.01 EXTERIOR ELEVATIONS
- A4.02 EXTERIOR ELEVATIONS



PARKING DATA:	
CURRENT GENERAL HOSPITAL OUTPAT PARKING	
CITY REQUIREMENT = 1241 SPACES	
AVAILABLE SPACES = 1228 SPACES (685 SPACE STATUS OVER REQUIREMENT)	
CURRENT PHASE ONE AND PARKING	
AVAILABLE SPACES = 128 (202301 SPACES)	
AVAILABLE SPACES = 209 (202301 SPACES IN SOUTH PARKING LOT TO REMOVE)	
PROPOSED PHASE 1 PARKING REQUIREMENT:	
CITY REQUIREMENT = 7 SPACES/1000 SF GROSSABLE AREA	
(GROSSABLE AREA 661,787 SF) = 4,632 SPACES	
REQUIRED SPACES FOR CIVIL = (14,267,120) X 7 = 24,000 SPACES	
TOTAL REQUIRED PARKING SPACES FOR OUTPAT CAMPUS =	
= 24 SPACES + 1,047 SPACES = 1,071 SPACES	
NET PARKING SPACE REDUCTION DUE TO REMOVAL ADJUTANT	
= 128 SPACES (EX. MAIN PING LOT) - 111 SPACES (CIVIL PING LOT REMOVAL) + 82 SPACES (NEW SOUTH PING LOT CONSTRUCTION)	
= 89 SPACES (REASON FOR A 89 SPACE REDUCTION)	
TOTAL REQUIRED PARKING:	
= 1,071 SPACES (EX. CAMPUS TODAY) - 89 SPACES (NET LOSS DUE TO BIGG ADJUTANT) - 1,122 SPACES > 1,300 REQUIRED SPACES	
TOTAL HANDICAPPED ACCESSIBLE SPACES:	
= 22 SPACES (SOUTH PING LOT REMOVAL) + 28 SPACES (NEW SOUTH PING LOT CONSTRUCTION)	
= 50 SPACES (4 SPACES MINIMUM)	

ZONING	
City of Rochester Hills	
SITE IS ZONED (S) SPECIAL PURPOSE DISTRICT	
SECTION: 16-4100	
SECTION: 16-4100	
c. The minimum distance of any other of necessary building from the building shall be as follows: (1) for every foot of lot frontage the minimum yard distance shall be increased by 1/8 inch for every foot of lot frontage. (2) The minimum yard distance shall be increased by 1/4 inch for every 20 feet.	

BUILDING DATA:	
PROPOSED BUILDING ADJUTANT TO BE ADDED TO EXISTING BUILDING (REFER TO ARCHITECTURAL PLANS FOR DETAILED BUILDING DATA)	
EXISTING BUILDING FLOOR AREA = 45,500 SF	
EXISTING BUILDING FLOOR AREA = 122,240 SF	
EXISTING CONSTRUCTION TYPE IS	
AS PERMITTED BY THE SUBMISSION SYSTEM	

NOTES	
1. SET ARCHITECTURAL, LANDSCAPE & MECHANICAL PLANS FOR DETAILED BUILDING, SITE LIGHTING & LANDSCAPING DESIGN.	
2. SET SHEET C02 FOR UTILITY NOTES & DETAILS.	
3. SET SHEET C03 FOR PAVEMENT NOTES & DETAILS.	

LEGAL DESCRIPTION - OVERBALL PARCEL	
(PER ALBERT VAIN ASSOCIATES, INC. SITE PLAN, JOB NUMBER 200406, SHEET C1)	
LAND IN THE 1/4 SECTION 15, T4N, R10E, PROJECTED TOWNSHIP AND LAND IN THE CITY OF ROCHESTER, HILLS AND GLEN, MI ACCORDING TO THE PLANS THEREON AT A POINT ON THE WEST LINE OF SAID SECTION 15, DISTANCE 201.00 FT. FROM THE NW CORNER OF SAID SECTION 15, THENCE S78°58'27" W, DISTANCE 344.10 FT. TO THE EAST LINE OF THE WEST LINE OF TOWNSHIP 4, SUBSECTION 1, SECTION 15, THENCE S16°34'12" W, DISTANCE 272.00 FT. TO THE EAST LINE OF SAID SECTION 15, THENCE S63°58'27" W, DISTANCE 114.00 FT. TO THE POINT OF BEGINNING, BEING THE CORNER OF SAID SECTION 15, THENCE S16°34'12" W, DISTANCE 272.00 FT. TO THE EAST LINE OF SAID SECTION 15, THENCE S63°58'27" W, DISTANCE 114.00 FT. TO THE POINT OF BEGINNING, BEING THE CORNER OF SAID SECTION 15, CONTAINING 20.97 ACRES MORE OR LESS (21.37 ACRES IN THE CITY OF ROCHESTER, HILLS AND GLEN).	

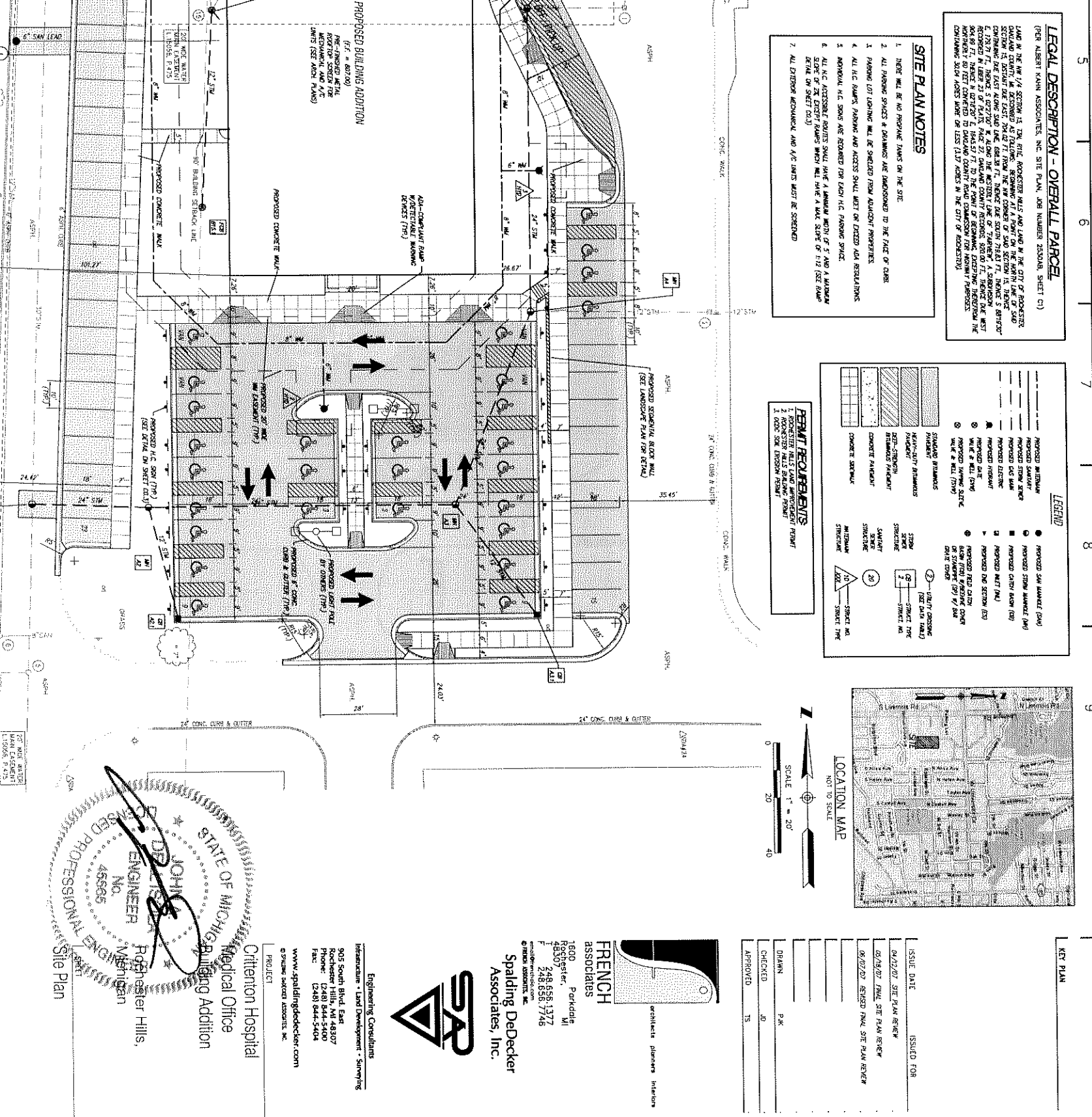
SITE PLAN NOTES	
1. THERE WILL BE NO PROPOSED PAVEMENT ON THE SITE.	
2. ALL PARKING SPACES & DRIVEWAYS ARE DIMENSIONED TO THE FACE OF CURB.	
3. PARKING LOT LIGHTING WILL BE SHIELDED FROM ADJACENT PROPERTIES.	
4. ALL PUBLIC UTILITIES AND ACCESS SHALL MEET OR EXCEED ALL REGULATIONS.	
5. ALL HANDICAPPED SPACES ARE DIMENSIONED TO THE FACE OF CURB.	
6. ALL A/C ACCESSIBLE POINTS SHALL HAVE A MINIMUM WIDTH OF 5' AND A MINIMUM CLEARANCE HEIGHT OF 6'6" (SEE SHEET C03).	
7. ALL EXISTING MECHANICAL AND A/C UNITS MUST BE SERVICED.	

PERMIT REQUIREMENTS	
1. PERMITTED BY THE SUBMISSION SYSTEM	
2. PERMITTED BY THE SUBMISSION SYSTEM	
3. PERMITTED BY THE SUBMISSION SYSTEM	
4. PERMITTED BY THE SUBMISSION SYSTEM	
5. PERMITTED BY THE SUBMISSION SYSTEM	
6. PERMITTED BY THE SUBMISSION SYSTEM	
7. PERMITTED BY THE SUBMISSION SYSTEM	

FIRE DEPARTMENT NOTES	
1. FIRE LANS SHALL BE DIMENSIONED BY THE FIRE CODE OFFICIAL AND SHALL BE CONSTRUCTED PER THE 2011 INTERNATIONAL FIREMARTING AND SAFETY CODE. THE FIRE DEPARTMENT CONNECTION ON THE EXISTING BUILDING SHALL PROVIDE READ NO STOPPING, STOPPING, PARKING, AND LANE.	
2. OPEN BURNING IS NOT PERMITTED INCLUDING THE BURNING OF TYPICAL GREEN OR LAND CLEARING MATERIALS OPEN BURNING FOR MAINTENANCE OF SWAMPY WATER BODIES SHALL BE PERMITTED AT THE DISCRETION OF THE CITY OF ROCHESTER, HILLS AND GLEN.	

SHEET INDEX	
C01 - SITE PLAN	
C02 - UTILITY PLAN	
C03 - GRADING PLAN	
C04 - TOPOGRAPHICAL SURVEY AND DEMOLITION PLAN	
C05 - TOPOGRAPHICAL SURVEY & NOTES	

KEY PLAN	
ISSUE DATE:	ISSUED FOR:
06/17/07 SITE PLAN REVIEW	
07/23/07 FINAL SITE PLAN REVIEW	
06/07/07 REVISION FINAL SITE PLAN REVIEW	
DRAWN: P.K.	
CHECKED: J.D.	
APPROVED: T.S.	



John W. Hendershott
 ENGINEER
 No. 45865
 STATE OF MICHIGAN
 PROFESSIONAL ENGINEER

Citterton Hospital
 Medical Office
 Building Addition
 Citterton Hospital
 Medical Office
 905 South Blvd. East
 Rochester Hills, MI 48307
 Phone: (248) 844-5400
 Fax: (248) 844-5404
 www.spaldingdecker.com
 © 2006 SpaldingDecker.com

Spalding Decker
 Associates, Inc.
 architects planners interior
FRENCH
 associates
 1800
 Parkdale
 Westland, MI
 48106
 Phone: 248.658.1377
 Fax: 248.658.7746
 french@frenchassociates.com

PROJECT NUMBER: 2006-113
 SHEET NUMBER: D107-017
 PROJECT: C01
 CITY FILE NO: 89-1537

BENCHMARK DESCRIPTIONS

MASTER BMT SCHEDULE "A" ON NORTH TOP OF CONCRETE LIGHT POLE BASE LOCATED 411' NORTH-NORTHWEST OF NORTHWEST CORNER OF RADITION ONCOLOGY CENTER 444' EAST OF WEST PROPERTY LINE 412' SOUTHWEST OF SOUTHWEST CORNER OF 2 STORY BUILDING NORTHWEST CORNER OF PROPERTY. ELEV=812.20
SOURCE: 445 PLATS FROM 1956

STE BMT1 ARROW ON HYDRANT LOCATED AT THE SOUTHWEST END OF THE DORMANT ISLAND OF THE TOLL PAVEMENT ENTRANCE 150' EAST OF THE SOUTHWEST CORNER OF BUILDING #1135. ELEV=805.90

STE BMT2 SCHEDULE "A" ON THE NORTH TOP OF A CONCRETE LIGHT POLE BASE LOCATED ON THE SOUTH SIDE OF THE EAST/WEST ACCESS ROAD ON THE NORTH END OF NORTH/SOUTH ACCESS ROAD. ELEV=804.08

STE BMT3 ARROW ON HYDRANT LOCATED ON THE EAST SIDE OF THE NORTH/SOUTH ACCESS ROAD 250' SOUTHWEST OF THE SOUTHWEST CORNER OF BUILDING #1135. ELEV=807.45

STE BMT4 ARROW ON HYDRANT LOCATED ON THE WEST SIDE OF THE NORTH/SOUTH ACCESS ROAD OPPOSITE THE EMERGENCY ENTRANCE. ELEV=809.95

STRUCTURE TABLE

1) SQUARE CATCH BASIN BMT=807.28 24' CONC. ● 791.18 TO #15 24' CONC. ● 791.27 TO #15	10) DRAIN VALVE & WELL BMT=806.58 24' CONC. ● 798.68 (EAST/WEST) BOTTOM/STRUCTURE ● 793.44
2) SQUARE CATCH BASIN BMT=806.29 24' CONC. ● 791.78 TO #15 24' CONC. ● 791.06 TO GARAGE BOTTOM/STRUCTURE ● 792.26	11) DRAIN VALVE & WELL BMT=805.42 12" PIPE ● 794.82 (NORTH/SOUTH) BOTTOM/STRUCTURE ● 791.12
3) STORM MANHOLE BMT=800.29 12' CONC. ● 790.08 TO #7 12' CONC. ● 790.24 TO #15	12) STORM MANHOLE BMT=804.15 12' CONC. ● 794.88 TO NORTH 12' CONC. ● 794.28 TO #15 24' CONC. ● 790.24 TO #15
4) STORM MANHOLE BMT=800.29 12' CONC. ● 790.44 TO #5 12' CONC. ● 791.24 TO SOUTHWEST	13) STORM MANHOLE BMT=803.33 12' CONC. ● 791.22 TO #15 12' CONC. ● 794.28 TO #5 8" WT. ● 794.08 TO EAST
5) STORM MANHOLE BMT=806.77 12' CONC. ● 794.54 TO #15 12' CONC. ● 794.57 TO EAST 24' CONC. ● 798.17 TO WEST	14) SANITARY MANHOLE BMT=803.33 12' CONC. ● 791.22 TO #15 12' CONC. ● 794.28 TO #5 8" WT. ● 794.08 TO EAST
6) SANITARY MANHOLE BMT=804.00 12' CONC. ● 792.45 TO #15 12' CONC. ● 792.38 TO SOUTH 8" WT. ● 793.20 TO WEST	15) SQUARE CATCH BASIN BMT=803.33 24' CONC. ● 791.22 TO #15 12' CONC. ● 794.28 TO #5 8" WT. ● 794.08 TO EAST
7) SQUARE CATCH BASIN BMT=804.00 12' CONC. ● 800.73 TO #5	16) STORM MANHOLE BMT=804.06 12' CONC. ● 792.45 TO #15 24' CONC. ● 792.48 TO #15
8) STORM MANHOLE BMT=802.75 12' CONC. ● 795.54 TO #15 12' CONC. ● 798.50 TO #15 12' CONC. ● 800.63 TO #15 12' CONC. ● 801.75 TO #15	17) STORM MANHOLE BMT=803.48 24' CONC. ● 792.48 TO #15 24' CONC. ● 792.81 TO #15
9) SQUARE CATCH BASIN BMT=804.04 12' CONC. ● 801.04 TO #5	18) STORM MANHOLE BMT=804.06 12' CONC. ● 792.75 TO #15 24' CONC. ● 792.81 TO #15

UTILITY PROVIDERS

DTE ENERGY : ICS GROUP (313) 235-8911
CONDUITERS ENERGY : conduiteenergy.com
AT&T : UNIA DOWNSIDE (248) 456-8284
COUNCIL CABLE : STFC ROBINSON (248) 569-8244
WIRE GREEN WEST : FRANK SWANICH (248) 677-8108
WATER/SEWER/STORM : ENGINEERING AD (248) 658-4600
(CITY OF ROCHESTER HILLS)

UTILITY NOTES

AS OF 03/29/07 SPA HAS NOT RECEIVED UTILITY RELOCATION FROM UNDERGROUND UTILITIES SURVEYING IN THE SURVEY AREA. THE CITY OF ROCHESTER HILLS CONSIDERS ENERGY DTE ENERGY OR THE CITY OF ROCHESTER HILLS.

UTILITY DISCLAIMER

SPA HAS MADE A REASONABLE AND PRUDENT ATTEMPT TO IDENTIFY THE UNDERGROUND UTILITIES FOR STORM WATER BRANCHED MAINS IN THE STRUCTURES AND/OR BAND TAPS DIRECTLY INTO THE TRUNK LINES.

THE UNDERGROUND UTILITIES SURVEY HAS BEEN LOCATED FROM FIELD SURVEY AND NOT FROM EXISTING RECORDS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SURVEY DATA IS CORRECT. THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE.

SHOULD THE OWNER/CLIENT WISH TO FURTHER VERIFY THE UNDERGROUND UTILITIES, THE SURVEYOR WILL BE AVAILABLE TO PROVIDE OTHER CONTRACTORS THAT PROVIDE THIS SERVICE. THESE CONTRACTORS UTILIZE THE TESTING TECHNIQUES AND VIDEO CAMERAS TO TRACE THE UTILITY ROUTES. SPA DOES NOT PROVIDE THESE SERVICES AS A PART OF OUR SURVEY.

DEPENDING ON THE SITE CONDITIONS AND THE AGE OF THE INFRASTRUCTURE THE SURVEYOR MAY NOT BE ABLE TO IDENTIFY ALL UTILITIES. TYPICAL OBSTACLES THAT IMPED OUR ABILITY TO ACQUISITELY MEASURE THIS DATA INCLUDE:

- (1) THE STRUCTURE IS FULL OF BIRT & DEBRIS.
- (2) THE STRUCTURE IS FULL OF WATER.
- (3) THE STRUCTURE COVER CANNOT BE REMOVED.
- (4) A VEHICLE IS PARKED OVER THE STRUCTURE AT THE TIME OF SURVEY.
- (5) THE PARTS ARE OFFSET FROM THE MEASUREMENT POINTS.

SHOWN. THIS DURING ANY ACCURATE MEASUREMENT IMPOSSIBLE.

THE OBSTACLE IS TYPICALLY REPORTED IN THE STRUCTURE TABLE AND SHOULD BE REMOVED TO PROPERLY DESIGN SITE IMPROVEMENTS.

SPA IS WILLING TO REMOVE THESE STRUCTURES AND UPGRADE OUR SURVEY TO A MORE ACCURATE LEVEL. THE OWNER/CLIENT HAS THE OPTION TO REMOVE THE OBSTACLE. SPA WILL MAKE ONE RETURN VISIT TO THE SITE TO ACQUIRE THE INFORMATION. THE OWNER/CLIENT HAS 30 DAYS TO REMOVE THE OBSTACLE(S) AND RETURN SPA TO THE SITE TO ACQUIRE THE DATA. SPA WILL RETURN TO THE SITE TO ACQUIRE THE DATA. SPA WILL BE ASSESSED TO UPGRADE THE SURVEY.

ISSUE DATE	ISSUED FOR
04/12/07	DATE PLAN REVIEW
05/08/07	FINAL SITE PLAN REVIEW
06/07/07	REVISED FINAL SITE PLAN REVIEW
DESIGN	24
CHECKED	5
APPROVED	25

architects planners historians

FRENCH ASSOCIATES
1600 Parkdale
Rochester, MI
48307 248 658 1377
F 248 658 7746
www.frenchassoc.com
email: info@frenchassoc.com

Spalding DeDecker Associates, Inc.

1600 Parkdale
Rochester, MI
48307 248 658 1377
F 248 658 7746
www.spaldingdedecker.com
694366 SPALDING ASSOCIATES, INC.

Engineering Consultants
Infrastructure • Land Development • Surveying

915 South Blvd. East
Rochester Hills, MI 48307
Phone: (248) 844-5400
Fax: (248) 844-5404
www.spaldingdedecker.com
694366 SPALDING ASSOCIATES, INC.

PROJECT

Crittenton Hospital
Medical Office
Building Addition

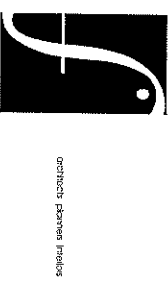
Rochester Hills,
Michigan

SHEET
Topographical Survey
& Notes

PROJECT NUMBER 2006-113
DWG NUMBER DV07-017
SHEET NUMBER C0.5

ISSUE DATE	ISSUED FOR
04/12/07	SITE PLAN REVIEW
05/18/07	FINAL SITE PLAN REVIEW
06/07/07	REVISED FINAL SPA REVIEW

DESIGN	WJS
CHECKED	AB
APPROVED	MD



1000 Parkway
Rochester, MI 48307
F 248.655.7725
michael@frenchmi.com

PROJECT

Crittenton Hospital
Medical Office
Building Addition
Rochester Hills,
Michigan

SHEET
Planting Plan

PROJECT NUMBER

2006-113
MJD&A PROJECT NO. 0719

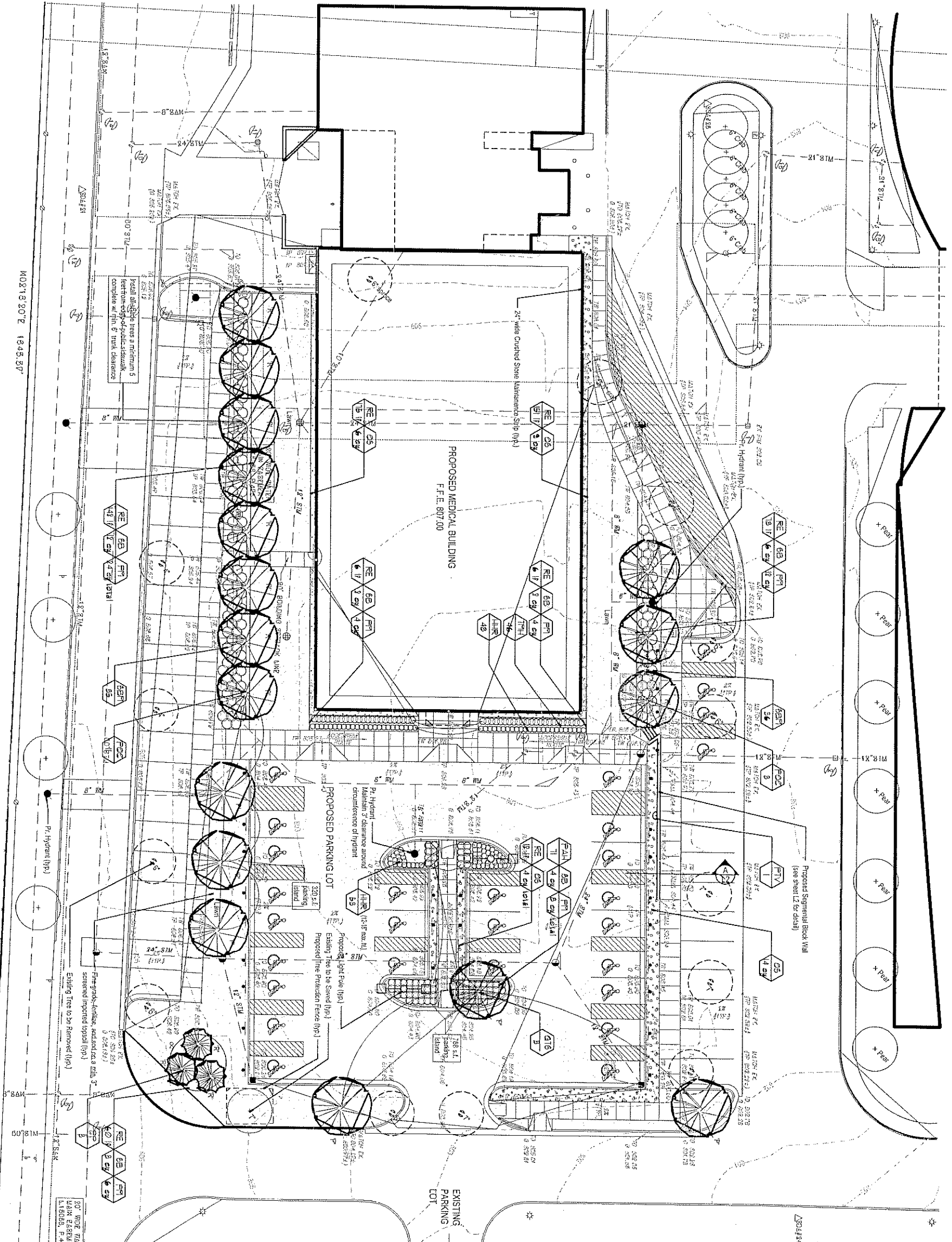
SHEET NUMBER

LEGEND

- Plant Symbol
- Plant Quantity
- Sodded Inground Lawn on a min. 3" imported screened topsoil
- Proposed Pavement
- Proposed Tree Protection Fence
- Existing Tree to be Saved (1 total)
- Existing Tree to be Removed (14 total)
- Proposed Candy Tree (17 total)
- Proposed European Tree (3 total)

LANDSCAPE REQUIREMENTS (General Site)

- Interior Parking Lot Islands
150' of Parking lot island for 10 parking spaces
41 spaces / 10' x 61' of parking spaces
1 spaces x 50' of island : a total 1050 sf of island area
Total interior landscape required - 1050 sf
Total interior landscape proposed - 1020 sf
- Parking Lot Trees (labeled 'P' on plan)
1 tree per 500 sf of required parking lot island area
or 1 tree per each parking island required
1050 sf / 500 = 4 trees
- Total trees required - 4 trees
Total trees proposed - 6 trees
- Tree Replacement (labeled 'R' on plan)
11 trees replacement
- Total trees removed - 14
Total trees required for replacement - 14
Total trees proposed - 14



M0218 20'E 1345.57'

A PLANTING PLAN
LI Plan

Scale: 1"=16'-0"



NOT TO BE USED FOR CONSTRUCTION DRAWINGS



CITY OF ROCHESTER HILLS GENERAL NOTES

- All trees and shrubs shall be planted at least 10' from the edge of the public road. Street trees and shrubs shall be planted at least 5' from the edge of the public roadway. Evergreen and ornamental trees shall be planted at least 10' from the edge of the public roadway. No trees or shrubs shall be planted within the triangular area formed at the intersection of any street right-of-way lines at a distance along each line of 15' from their point of intersection. No trees or shrubs shall be planted in the triangular area formed at the intersection of any driveway with a public roadway at a distance along each line of 15' from their point of intersection. All trees and shrubs shall be planted at least 10' from any fire hydrant. Shrubs and evergreen trees shall be at least 15' from the nearest overhead wire.
- Prior to the release of the final Tree Ordinance Performance Bond, the City of Rochester Hills Forestry Division needs to report all trees existing or planted to its facility log that pose a hazard to the safe use of the public right-of-way. Forestry staff require the developer to remove and properly replace any such trees.
- The City of Rochester Hills Landscapes Architect reserves the right to require any buffer or landscape island plantings that do not meet plant or planting requirements.
- All landscaping to be installed by the developer for a period of two full growing seasons (two years).

CITY OF ROCHESTER HILLS TREE PROTECTION NOTES

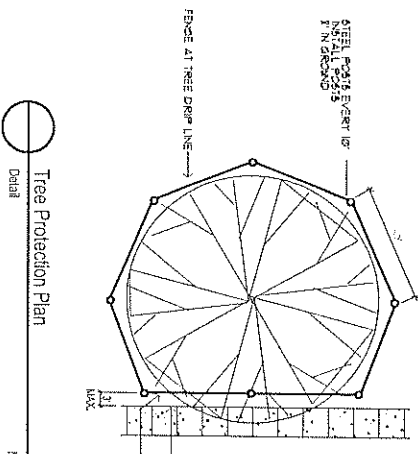
- The tree preservation fencing (TPF) shall be erected per the plan approved by the City of Rochester Hills Planning Department. The TPF shall be in place and inspected by the City of Rochester Hills Landscapes Architect prior to the start of any driveway or driveway operation. It is the developer's responsibility to contact the City Planning Department at 1-248-656-4660 to schedule a TPF inspection. The TPF shall remain in place throughout the entire construction process or until the City authorizes the removal or less than a final Certificate of Occupancy, whichever occurs first.
- Upon completion of grading and the installation of the infrastructure a second inspection of the TPF and the trees designated for preservation is required by the City of Rochester Hills Landscapes Architect prior to the start of any additional construction. It is the developer's responsibility to contact the City Planning Department at 1-248-656-4660 to schedule this TPF inspection.
- Upon completion of all construction and prior to the removal of the TPF, the City of Rochester Hills Landscapes Architect shall inspect all trees designated to be preserved. The landscape performance bond will not be released until the inspection is complete and all related issues are resolved. It is the developer's responsibility to contact the City Planning Department at 1-248-656-4660 to schedule this inspection.
- A final inspection by the City of Rochester Hills Landscapes Architect is required at the end of the warranty and satisfaction period. The landscape satisfaction bond will not be released until this inspection is complete and all related issues are resolved. It is the developer's responsibility to contact the City Planning Department at 1-248-656-4660 to schedule this inspection.
- The tree preservation ordinance prohibits any construction or development activities within the drip line of any regulated trees not approved for removal, including but not limited to the clearing, grubbing, trenching, grading or filling, or person shall place any equipment, building material, construction equipment, soil deposits or harmful materials within the drip line limit of trees designated for preservation.
- Proposed grade shall be within the existing elevations outside the limits of the TPF. No grading shall be done or fill be permitted within the drip line of any tree designated for preservation. During the construction process, no person shall attach any device or wire/cable/drop to an existing tree designated to be preserved.
- All utility services requests shall include notification to the installer that protected trees shall be avoided. All trenching shall occur outside the TPF.
- Excavators shall be required to avoid the area within the drip line of any tree designated for preservation. Excavators shall be required to avoid the area within the drip line of any tree designated for preservation.
- If tree protection cannot be maintained for a tree throughout the entire period required, the replacement of that tree will be required for each tree lost prior to the issuance of the Certificate of Occupancy.
- Regulated trees located off-site on adjacent properties that may be affected by construction operations shall be protected as defined herein.
- The TPF shall consist of a 1-foot high orange mesh fencing to be installed around the drip line of all trees designated to be saved. The fencing shall be supported by 6-foot tall 1x4 posts 5 feet on center and driven a minimum of 14" into the ground. The TPF fencing shall remain upright and taut in place for the required time as specified above.

LANDSCAPE DEVELOPMENT NOTES

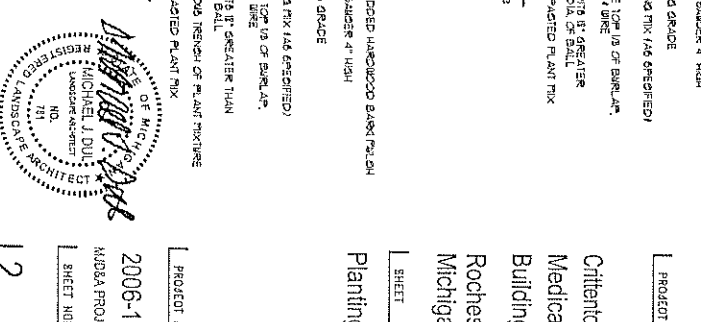
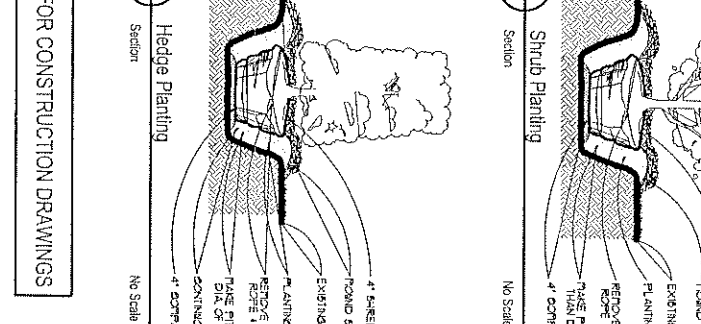
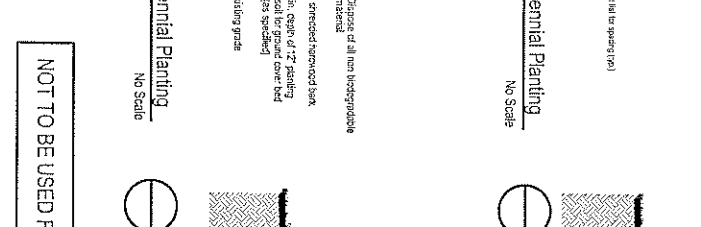
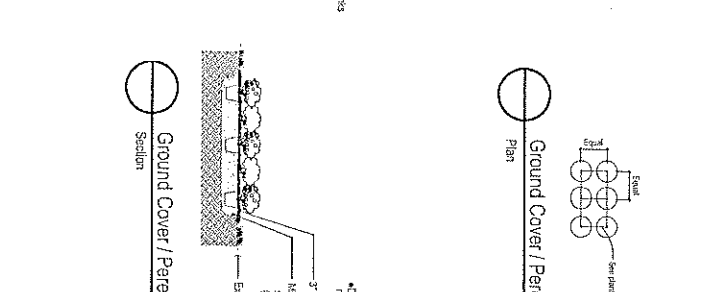
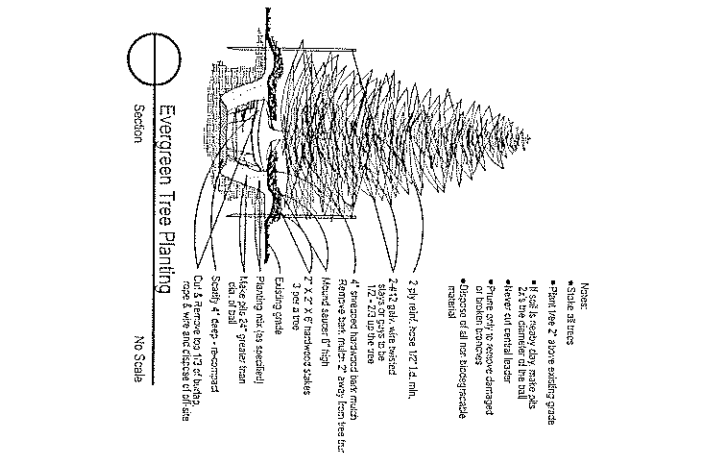
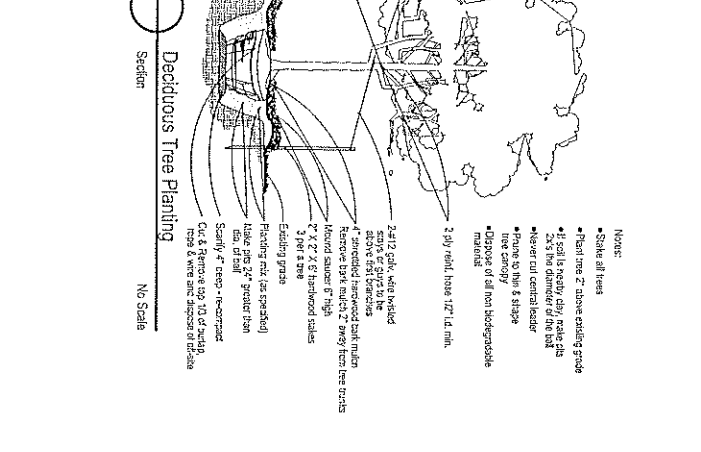
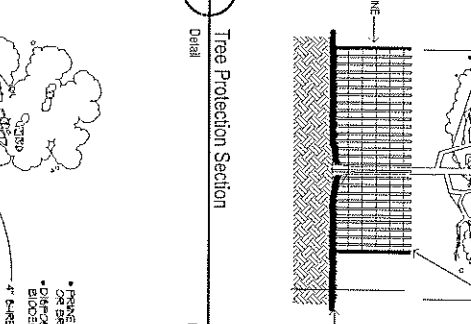
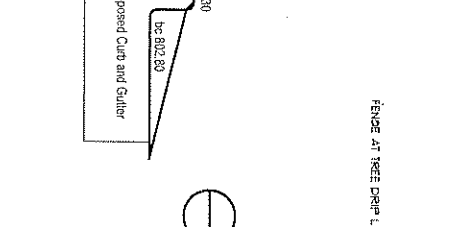
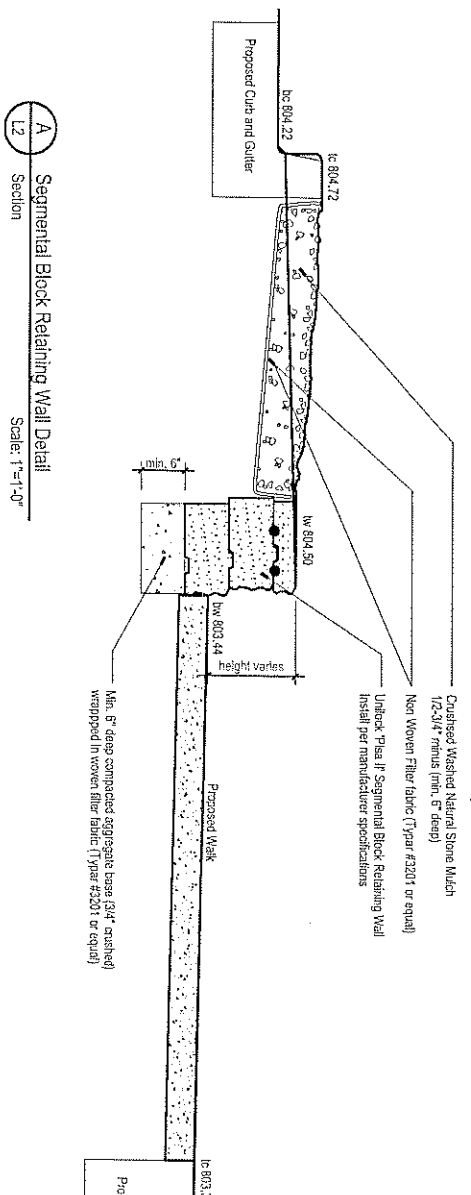
- All existing and proposed utilities shall be field located and flagged prior to any landscape/irrigation construction on-site.
- All specified and installed landscape material shall satisfy the American Association of Nurserymen standards (latest edition) and be:
 - Nursery grown
 - By State Department of Agriculture inspected and approved
 - of No. 1 grade with straight woody stems and well developed uniform crown on all trees (pink grade trees will not be accepted)
 - Prepared shredded bark mulch shall be assessed for a minimum six month, dark brown in color, and installed 4" deep in all prepared shrub beds and around each proposed tree finished in the wet price of ash bark!
 - All delivered bare trees shall be free graded, fertilized, and watered in a 6" diameter (8" for 1" and 2" calipers) on 3" spacing, with drainage, or organic topsoil.
 - Trees and shrubs shall be replaced if unacceptable within 120 days growing seasons
 - All proposed landscape and irrigation shall be watered by an automatically operated irrigation system.
 - Planting mix shall be 5 parts soil, screened screened organic topsoil, 1 part perlite and 1 part sphagnum peat moss.
 - Topsoil shall be imported from an off-site source, well drained, screened and certified with a strong tree base.
 - No mechanical or chemical application of fertilizer shall be made within the approved area of the developer and the City of Rochester Hills Landscapes Architect.
 - Bare root and overgrown trees may be planted at least 15' away from the center of roadway and no less than 5' away from any overhead utility and public electric.

PLANT & MATERIAL SCHEDULE

Sym.	Qty.	Botanical Name	Common Name	Size	Root	Comments	Unit Cost	Subtotal
REPLACEMENT TREES								
Deciduous Trees								
PO2	11	Quercus coccinea 'Stuebeliana'	Scarlet Oak	5-6 1/2" cal.	B/B	Full standard trees, single stem	450	4,950
PO3	3	Thuja occidentalis 'Smaragdula'	Emerald Green Tree	10-12' ht.	B/B	Watered & protected to ground	500	1,500
ISLAND TREES AND GENERAL LANDSCAPE								
Deciduous Trees								
GT6	3	Malus 'Virens' var. 'Inermis' 'Boyle'	Malus 'Virens' var. 'Inermis' 'Boyle'	3-5 1/2" cal.	B/B	Full standard, single stem	450	1,350
PO2	3	Quercus coccinea 'Stuebeliana'	Scarlet Oak	3-5 1/2" cal.	B/B	Full standard trees, single stem	450	1,350
Shrubs								
EGN	11	Spirea x bicolor 'Tregel's Carpet'	Floric Carpet Spirea	18-24"	B/B	Spirea 56" ea. 18-24" pairs	40	440
TH	46	Taxus x media 'Halimifolia' or 'Teece'	Halimifolia or Teece Taxus	30-36"	B/B	Spirea 18" ea. clip like hedge	15	690
Perennial Groundcovers, Vines								
HKE	101	Hemerocallis 'Happy Return'	Happy Return Daylily	1 gal.	Car	Spirea 18" ea.	45	4,545
PA4	11	Panicum alpestris 'Vaseo'	Vaseo Dwarf Fescue Grass	1/2 gal.	Car	Spirea 36" ea.	40	440
PIV	1	Parthenocissus 'Ureocarpa' 'Yielder'	Yielder Dwarf Vine	5 gal.	Car	Spirea 36" ea.	197	197
Materials								
OS	55	6" x 6" x 2' Standard Natural Stone	6" x 6" x 2' Standard Natural Stone	1 ea. 1 1/2" x 1 1/2" x 2"	Car	Spirea 18" ea.	175	9,625
RE	600	1/2" x 1/2" x 12' Ravelin or JD Russell Stone	Ravelin or JD Russell Stone	1 ea. 1 1/2" x 1 1/2" x 12"	Car	Spirea 36" ea.	1,500	9,000
PI	55	1/2" x 1/2" x 12' Ravelin or JD Russell Stone	Ravelin or JD Russell Stone	1 ea. 1 1/2" x 1 1/2" x 12"	Car	Spirea 36" ea.	1,500	8,250
OB	13	6" x 6" x 2' Standard Natural Stone	6" x 6" x 2' Standard Natural Stone	1 ea. 1 1/2" x 1 1/2" x 2"	Car	Spirea 18" ea.	1,500	19,500
OC	550	1/2" x 1/2" x 12' Ravelin or JD Russell Stone	Ravelin or JD Russell Stone	1 ea. 1 1/2" x 1 1/2" x 12"	Car	Spirea 36" ea.	1,500	825,000
Island Trees and General Landscape Opinion of Probable Cost Total: 495,481								



Info: mjdul.com
 P 248 644 3410
 F 248 644 0819
 212 DAINES STREET
 BIRMINGHAM
 MICHIGAN 48009



PROJECT
 Crittenton Hospital
 Medical Office
 Building Addition
 Rochester Hills,
 Michigan

SHEET
 Planting Details

PRODUCT NUMBER
 2006-113
 MJD&A PROJECT NO. 07119
 SHEET NUMBER
 L2

LANDSCAPE ARCHITECTURE
MICHAEL J. DUL & ASSOCIATES, INC.

RECORD FOR
 04/12/07 SITE PLAN REVIEW
 05/18/07 FINAL SITE PLAN REVIEW
 08/07/07 REVISED FINAL SPA REVIEW

DRAWN: WBS
 CHECKED: DB
 APPROVED: MD

NOT TO BE USED FOR CONSTRUCTION DRAWINGS

STAMP: MICHAEL J. DUL, LANDSCAPE ARCHITECT, NO. 731, STATE OF MICHIGAN

MICHAEL J. DUL
& ASSOCIATES, INC.

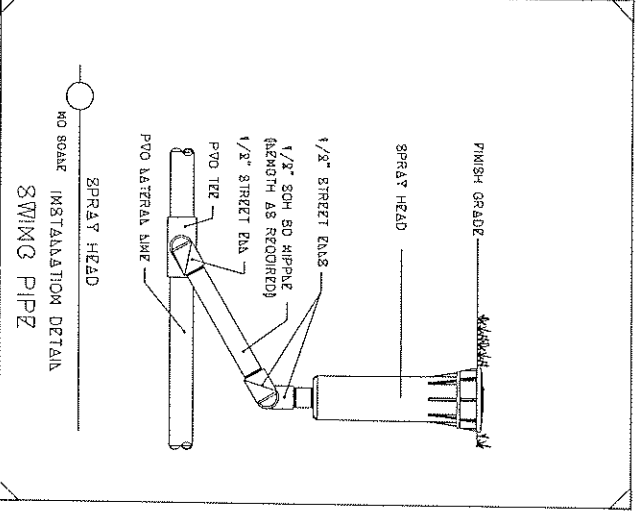
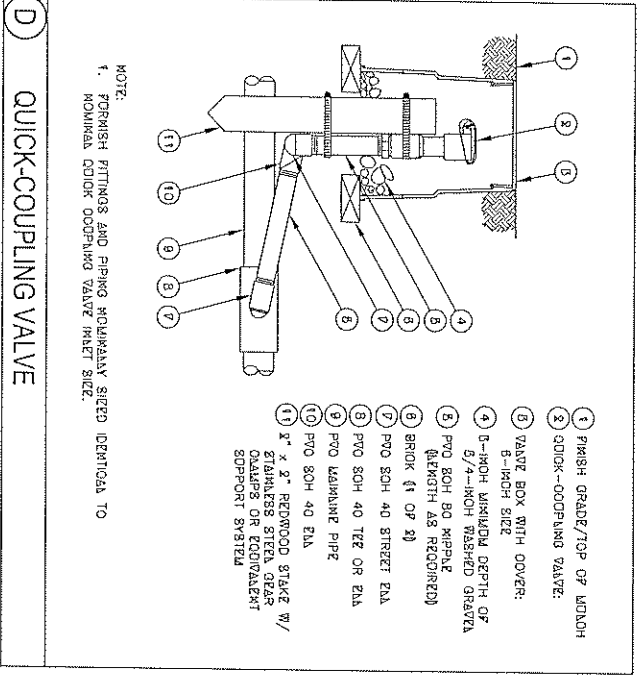
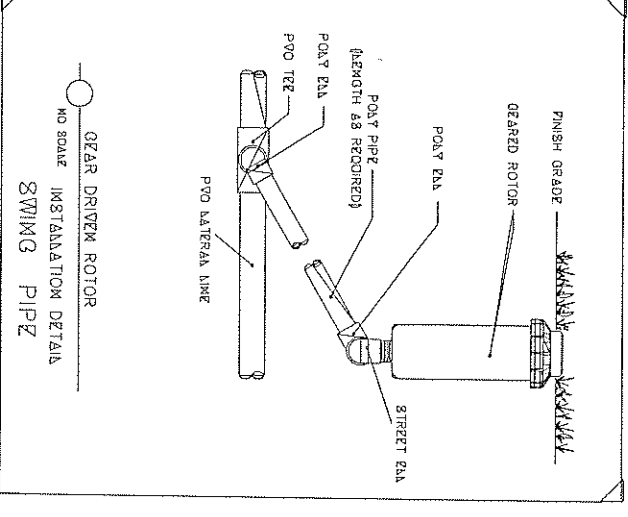
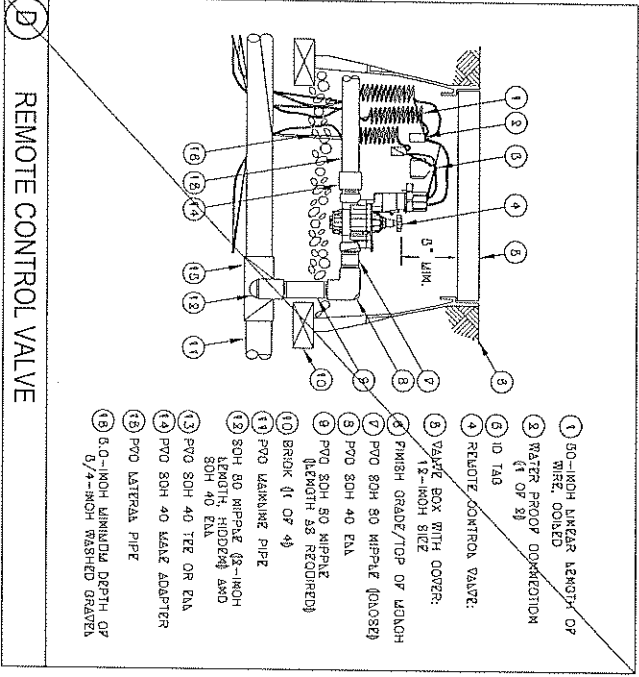
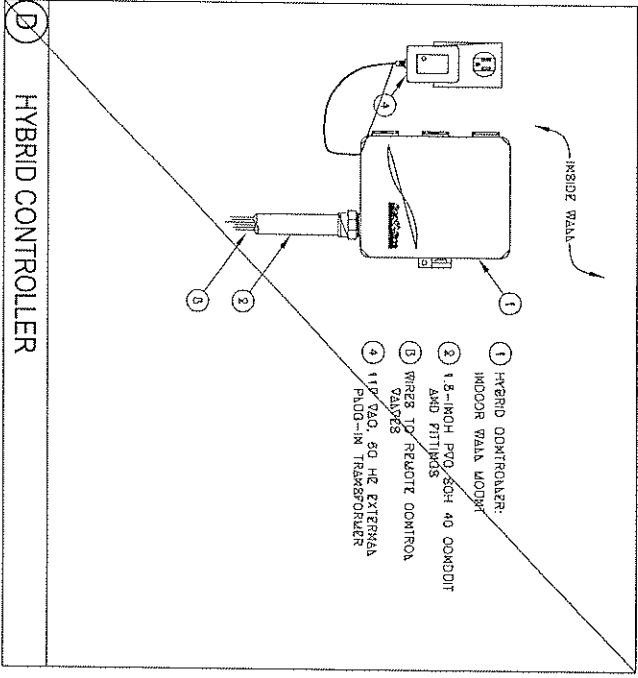


212 DAINES STREET
BIRMINGHAM
MICHIGAN 48009

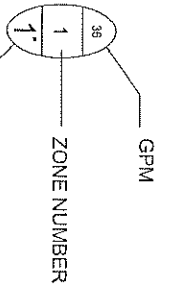
P 248 644 3410
F 248 644 0819
Info @ mjduul.com

Date: 5/13/07
Designed by: B. WILHOFF
Checked by: O. PIOTROWSKI
Scale: 1" = 16'-0"
Project Number: 01401079

ISSUE DATE	ISSUED FOR
05/16/07	FINAL SITE PLAN REVIEW
06/07/07	REVISED FINAL SPA REVIEW (NO CHANGES REQUIRED)
DRAWN	JOHN DULSKI
CHECKED	DB
APPROVED	MD



- IRRIGATION LEGEND**
- LANTER PPO GEAR DRIVEN ROTOR W/ 7" NOZZLE
 - RAINBOW 1600 SERIES, 4" PPO W/ 60-40T, W/ 5" NOZZLE
 - RAINBOW 1600 SERIES, 4" PPO W/ 60-40T, W/ 5" 60-40T NOZZLE
 - RAINBOW 1600 SERIES, 3" PPO W/ 60-40T, W/ 5" NOZZLE
 - RAINBOW 1600 SERIES, 3" PPO W/ 60-40T, W/ 5" 60-40T NOZZLE
 - RAINBOW 1600 SERIES, 3" PPO W/ 60-40T, W/ 10" NOZZLE
 - RAINBOW 500 SERIES, AUTOMATIC CONTROLLER
 - RAINBOW 500 SERIES, ELECTRIC VALVE, 1 1/2"
 - RAINBOW 500 SERIES, ELECTRIC VALVE, 1 1/4"
 - RAINBOW 500 SERIES, AUTOMATIC CONTROLLER
 - TAP LOCATION, 1 1/2" (EXTENDING)
- PVO TANKLINE, 2 1/2" DIA, 100' BE, 10" SWRT, SIZE 1 1/2"
- POLY LATERAL, 100 PDI, 1/2" SWRT, SIZE 1/2" DIA
- PVO ELEVATION, 2 1/2" DIA, 100' BE, 10" SWRT, SIZE 1/2" DIA
- LATERAL PIPE SIZE POLY LATERAL
1" 1" - 100' PPM
1 1/2" 1 1/2" - 50' PPM
2" 2" - 50' PPM



- IRRIGATION SPECIFICATIONS**
- ALL WORK IS TO BE IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES AND ORDINANCES.
 - ALL IRRIIGATION ELECTRICAL CONNECTIONS ARE TO BE MADE WITH 5/8" BARE COPPER OR COPPER.
 - ALL AUTO CONTROL VALVES ARE TO BE INSTALLED IN CONSON WITH VALVE BOXES OF APPROPRIATE SIZE.
 - ALL CONTROL WIRING DOWNSTREAM OF THE CONTROLLER IS TO BE IN ACCORDANCE WITH THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70 CODE.
 - ALL ROTORS AND SPRAY POP-UPS SHALL BE INSTALLED ON BONDING PIPE.
 - ALL GPM SHALL BE INSTALLED ON 5/8" BORE PVD BONDING POINT.
 - 5/8" BORE DESIGN BASED UPON 30 GPM • 50 PSI.
 - ANY CHANGES IN AVAILABILITY OF SUPPLY SHOULD BE NOTED AND RECOMMENDATIONS TO THE DESIGN SHOULD BE MADE.
 - CONTRACTOR TO VERIFY WATER PRESSURE AND AVAILABILITY PRIOR TO INSTALLATION.
 - ANY IRRIIGATION PIPING SHOWN OUTSIDE OF CURBS FOR CLARITY ONLY.
 - HOW TO CONTROLLER AND COPPER STRIP BY OTHER THAN IRRIGATION CONTRACTOR.
 - EXISTING CONTROLLER.
 - THERE WILL BE NO SUBSTITUTIONS OR CHANGES TO THE IRRIGATION DESIGN ALLOWED WITHOUT DIRECT WRITTEN APPROVAL FROM THE IRRIGATION CONSULTANT.

NOT TO BE USED FOR CONSTRUCTION DRAWINGS

f
OFFICES: GERMANY, DENMARK

FRENCH
associates

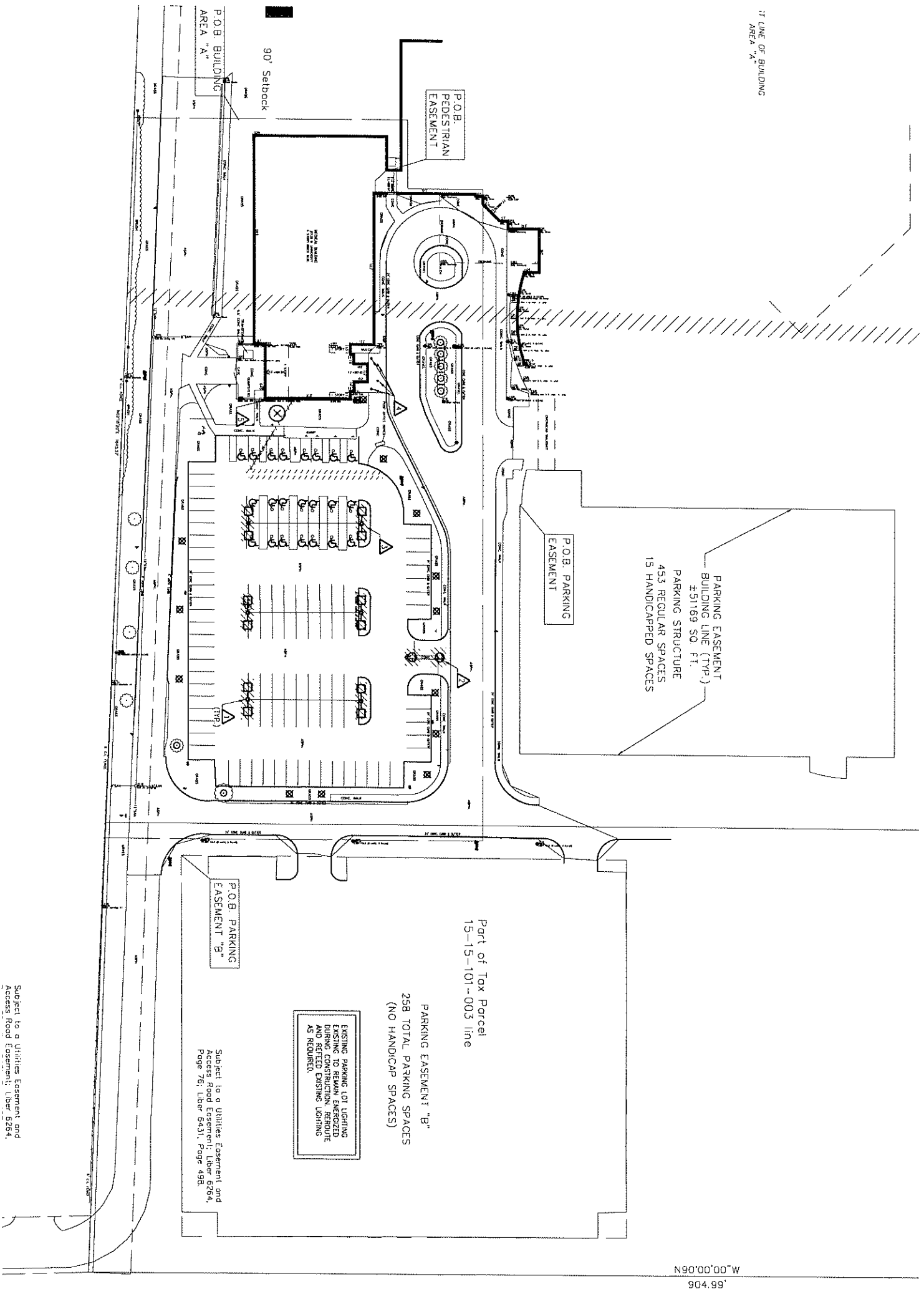
1650 Parkside
Rochester, MA
T 978.656.1377
F 248.656.7766
© FRENCH ASSOCIATES, INC.

PROJECT
Crittendon Hospital
Medical Office
Building Addition
Rochester Hills,
Michigan

SHEET
Irrigation Details

PROJECT NUMBER
2006-113
ALDIA PROJECT NO. 07119
SHEET NUMBER

IR2



ELECTRICAL DEMOLITION SITE PLAN
SCALE: 1" = 40'-0"

GENERAL DEMOLITION NOTES

1. VISIT THE SITE PRIOR TO SUBMISSION OF BID TO EXAMINE THE EXISTING CONDITIONS AND THE EXTENT OF DEMOLITION WORK.
2. EXAMINE THE DRAWINGS OF OTHER TRADES. BE FAMILIAR WITH THE REQUIREMENTS OF OTHER TRADES. PROVIDE NECESSARY ELECTRICAL DEMOLITION AND/OR RELOCATION OF DEVICES AND EQUIPMENT REQUIRED TO FACILITATE THE DEMOLITION WORK OF OTHER TRADES.
3. REMOVE LIGHTING FIXTURES AND ELECTRICAL DEVICES AS INDICATED ON PLAN. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO THOSE DEVICES SHOWN.
4. COORDINATE WITH NEW WORK PLANS, ONE LINE AND RISE/DIAGRAMS FOR EXTENT OF DEMOLITION WORK.
5. COORDINATE ANY SHUTDOWN OF EXISTING SERVICES AND EQUIPMENT REMAINING IN USE WITH OWNERS. REPRESENTATIVE, WHERE EXISTING BUILDING SERVICE IS BEING MAINTAINED. PROVIDE NOTICE TO OWNERS AND ALL OTHERS CONCERNED. PERIODS THIS WORK DURING EVENINGS AND WEEKENDS INCLUDE ALL COSTS FOR PROVIDING TEMPORARY POWER WHERE SHUTDOWNS OCCUR FOR PERIODS LONGER THAN THE ABOVE STATED HOURS.
6. COORDINATE THE SHUT DOWN OF ELECTRICAL EQUIPMENT WITH THE OWNERS. REPRESENTATIVE A MINIMUM OF 72 HOURS PRIOR TO SHUT DOWN.
7. REMOVE ALL CONDUIT AND WIRE BACK TO NEAREST UPSTREAM DEVICE REMAINING IN SERVICE.
8. WHERE DEMOLITION WORK AFFECTS ELECTRICAL SERVICE TO DOWNSTREAM DEVICES TO BE MAINTAINED, EXTEND CONDUIT AND WIRE AS REQUIRED TO MAINTAIN ELECTRICAL SERVICE.
9. DISPOSE OF ALL MATERIALS OFF SITE AND INCLUDE ALL COSTS FOR DISPOSAL IN BID. ALL MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS, INCLUDING TSP TESTING, PRIOR TO DISPOSAL AND/OR RECYCLING OF (UNDESIRABLE) WASTE.
10. PROVIDE BLANK COVER PLATES WHERE SWITCHES AND DEVICES ARE REMOVED AND WALL REMAINS INTACT. MARK ALL UNUSED CIRCUIT BREAKERS AS "SPARE".
11. CONTRACTOR TO TAG ALL CIRCUITS AT BOTH ENDS AFFECTED BY THIS ALTERATION.
12. CONTRACTOR SHALL PROVIDE UPDATED, TYPED-IN DIRECTIONS FOR ALL PANELS AFFECTED BY THIS ALTERATION.
13. CONTRACTOR SHALL VERIFY ALL UNDERGROUND AND IN-SLAB UTILITIES LOCATIONS PRIOR TO SAW CUTTING OR FLOOR SCRAPING.
14. REFER TO NEW WORK SHEETS FOR LIGHTING AND POWER CIRCUIT DESIGNATIONS.
15. EXTEND EXISTING CONDUIT AND WIRE AS REQUIRED FOR ALL RELOCATED DEVICES.

DEMOLITION KEYED NOTES

- △ EXISTING SITE LIGHTING TO BE REMOVED AND STORED ON CRITTENTON HOSPITAL CAMPU.S. OWNERS REPRESENTATIVE SHALL ONE DIRECTION ELECTRICAL TRADES TO REMOVE DISCONNECT LIGHTING CIRCUITS FOR DEMOLITION.
- △ EXISTING UNDERGROUND WIRING AND CONDUIT TO ABANDONED PARKING LOT ACCESS CONTROL DATES AND IN GROUND LOOP ELECTRICAL TRADES TO TRACE, TAG AND DISCONNECT CIRCUIT FOR DEMOLITION WORK.
- △ EXISTING FLOOD LIGHT MOUNTED ON LIGHT POLE. REMOVE FLOOD LIGHT WITH POLE.
- △ EXISTING LIGHT BOLLARDS AROUND ENTRY TO BE REMOVED AND STORED ON CRITTENTON HOSPITAL CAMPU.S. TRADE AND TAG LIGHTING CIRCUIT. DISCONNECT FOR REMOVAL. TYPICAL FOR 10xM BOLLARDS.
- △ ELECTRICAL CONDUIT AND LB FITTING SHUTTED OUT OF BUILDING AND ROUTED BELOW GRADE. ELECTRICAL TRADES TO TRACE, TAG AND REMOVE FOR NEW CONSTRUCTION. REWORK AS REQUIRED TO KEEP LOAD IN SERVICE.

KEY PLAN

ISSUE DATE	ISSUED FOR
4/20/07	SITE PLAN REVIEW
6/27/07	EGS
7/20/07	REFEED PAWL SITE PLAN REVIEW
DRAWN	DAD
CHECKED	JAC
APPROVED	JAC

Strategic Energy Solutions[®]
23237 Woodward Avenue, Farmdale, MI 48220
Phone: 248.398.1900 Fax: 248.398.1901
www.sesusa.com

FRENCH ASSOCIATES
1400 Parkside
Farmdale, MI 48220
P 248.656.1377
F 248.656.7746
© 1999 FRENCH ASSOCIATES, INC.

PROJECT
Crittenton Hospital
Medical Office
Building Addition

Rochester Hills,
Michigan

SHEET
Electrical Demolition
Site Plan

PROJECT NUMBER
2006-113

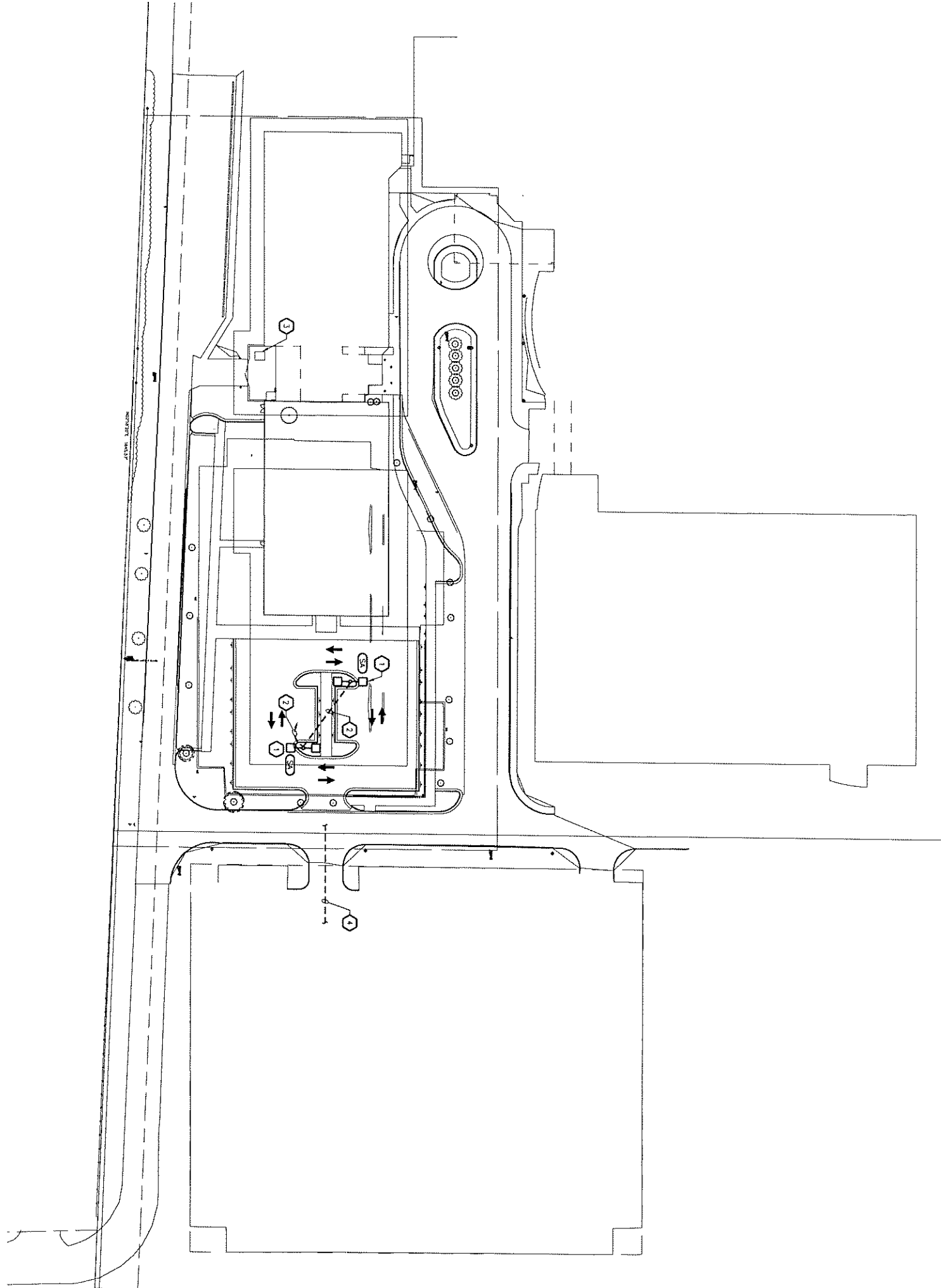
SHEET NUMBER
E0.01

GENERAL ELECTRICAL NOTES

1. REFER TO LUMINAIRE SCHEDULE ON THIS SHEET FOR SPECIFICATIONS INCLUDING PHOTOMETRIC DATA, FINISH HEIGHT, WORKING & DESIGN, GLARE CONTROL DEVICES, TYPE & COLOR RENDERING OF LAMPS, HOURS OF OPERATION.
2. REFER TO SHEET E003 FOR POINT BY POINT PHOTOMETRIC CALCULATIONS AND LIGHTING POLE BASE DETAIL WITH MOUNTING HEIGHT.
3. ALL FEEDERS FOR SITE LIGHTING SHALL BE ROUTED UNDERGROUND IN CONDUIT AND ROUTED CONCEALED IN CONCRETE BASE UP INTO POLE.
4. THE SITE LIGHTING PLANS CONTAIN NO FLASHING LIGHTS.
5. MAXIMUM HEIGHT OF LUMINAIRES IS 20'. LUMINAIRE SHALL BE DOWNCAST (FULL CUT-OFF TYPE).
6. SITE LIGHTING SHALL BE TIMECLOCK CONTROLLED TO OPERATE FROM SUNDOWN TO SUNRISE, SEVEN DAYS A WEEK.
7. CORRESPONDING LIGHTING LOCATIONS WITH LANDSCAPE PLANNINGS.

ELECTRICAL KEYED NOTES

1. RELOCATE SITE LIGHTING FIXTURE FROM EXISTING SITE
2. 1 INCH CONDUIT WITH (2 #8 HOT, 1 #10 GROUND) CONNECT TO EXISTING TIME CLOCK AND CONTRACTOR IN ELECTRICAL ROOM
3. EXISTING PAD MOUNTED TRANSFORMER TO REMAIN SHOWN FOR REFERENCE.
4. REFER TO ELECTRICAL SITE DEMOLITION SHEET (E01). MAINTAIN POWER TO SOUTH PARKING LOT. ROUTING OF CONDUIT IS UNKNOWN. ELECTRICAL TRADES ARE TO TRACE CIRCUIT.



ELECTRICAL SITE PLAN
SCALE: 1" = 40'-0"

FIGURE MARK	DESCRIPTION	MANUFACTURER(S)	LAMP DESCRIPTION
1	EXISTING SITE LIGHTING TO BE REUSED. LUMINAIRE SCHEDULE IS FOR REFERENCE ONLY.	1 SPALLING FANFARE 11	(1) 400 HPS
2	POLE MOUNTED HIGH PRESSURE SODIUM CUT-OFF LIGHTING FIXTURES WITH 400 WATT LAMP WITH A BRONZE HOUSING AND A 480 VOLT HIGH POWER FACTOR BALLAST. PROVIDE BRONZE ROUND TAPERED CONCRETE BASE FOR THE NUMBER OF LUMINAIRES AND THE POLE HEIGHTS.	FER-11400-HPS	

KEY PLAN

ISSUE DATE	ISSUED FOR
4/2/07	SITE PLAN REVIEW
6/2/07	BOG
7/10/07	REVISED FINAL SITE PLAN REVIEW
DRAWN	DAD
CHECKED	JMC
APPROVED	JMC

SES
Strategic Energy Solutions
23237 Woodward Avenue, Farmington Hills, MI 48320
Phone 248.385.1900 Fax 248.385.1901
www.sesnet.com

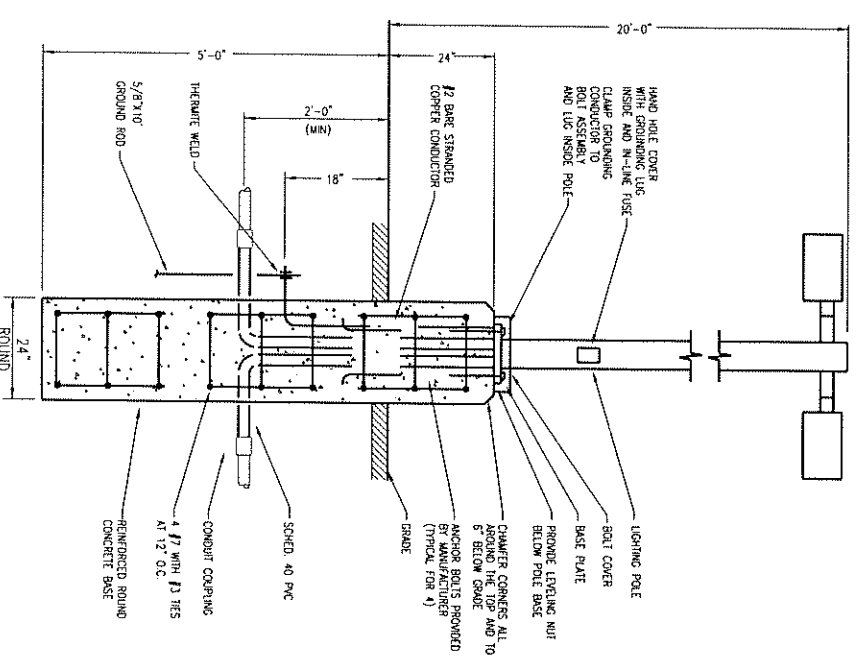
FRENCH associates
1600 Parkside
Rochester, MI
F 248.656.1377
F 248.656.7746
michigan@frenchassociates.com
© FRENCH ASSOCIATES, INC.

PROJECT
Crittendon Hospital
Medical Office
Building Addition
Rochester Hills,
Michigan

SHEET
Electrical Site Plan

PROJECT NUMBER
2006-113

SHEET NUMBER
E0.02



LIGHTING POLE BASE DETAIL
NO SCALE

Scott Steyer

ISSUE DATE	ISSUED FOR
06/21/07	BIOS
	TKS
DRAWN	KRL
CHECKED	KRL
APPROVED	PAC

FRENCH associates
 1600 Parkside
 Rochester, MI
 T 248.656.1377
 F 248.656.7746
 C/FRENCH ASSOCIATES, INC.

DISTRICTS PARTIAL NUMBER

PROJECT
 Crittenton Hospital
 Medical Office
 Building Addition

LOCATION
 Rochester Hills,
 Michigan

SHEET
 Typical Interior
 Partition Types

PROJECT NUMBER
 2006-113

SHEET NUMBER

AO.02

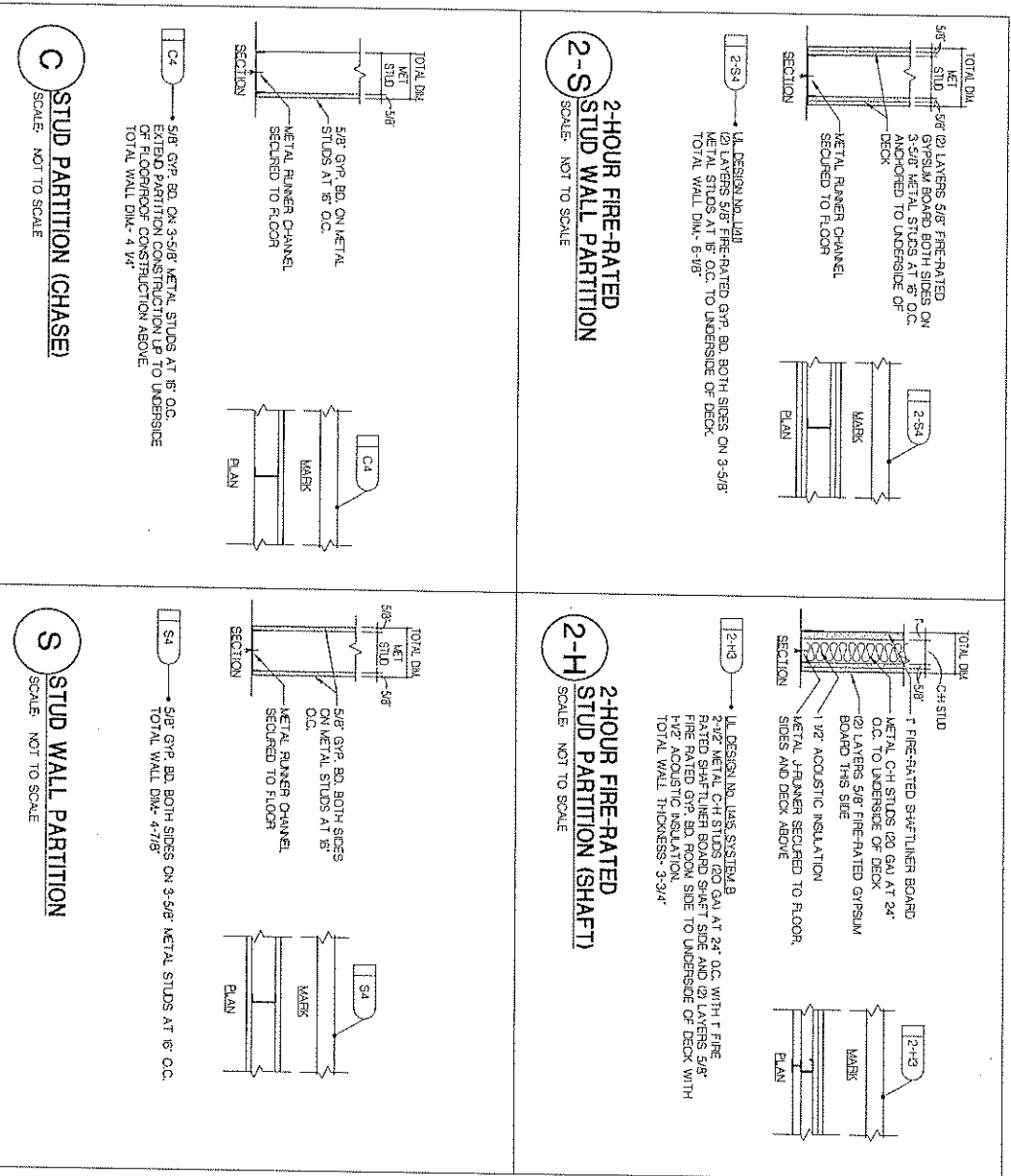
2006-113 CRITTENTON HOSP BUILD ADDITION

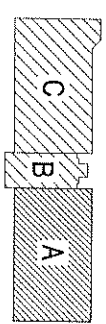
GENERAL NOTES

- REFER TO TYPICAL CONSTRUCTION DETAILS S-SET A502 FOR TYPICAL INTERIOR PARTITION CONSTRUCTION INFORMATION REFER TO DETAIL PLANS AND PLAN DETAILS FOR SPECIAL PARTITION CONSTRUCTION INFORMATION.
- ADDITIONAL SURFACE FINISHES ON FACING MATERIAL ARE NOTED ON ROOM FINISH SCHEDULE AND DETAILS.
- IN A PARTITION NOTED TO GO TO THE UNDERSIDE OF STRUCTURE PROVIDE ACOUSTIC INSULATION FULL HEIGHT OF PARTITION.
- PROVIDE / INSTALL SEALANT UNDER PARTITION FLOOR TRACK BOTH EDGES WHEN ACOUSTIC INSULATION IS INDICATED AND AT ALL FIRE-RATED PARTITIONS.
- ACOUSTIC INSULATION IS TO HAVE A MIN STC RATING OF 50.

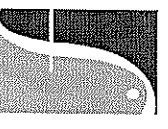
WALL TYPE LEGEND

C - METAL STUD CHASE WALL
 H - METAL STUD SHAFT STUD
 S - METAL STUD





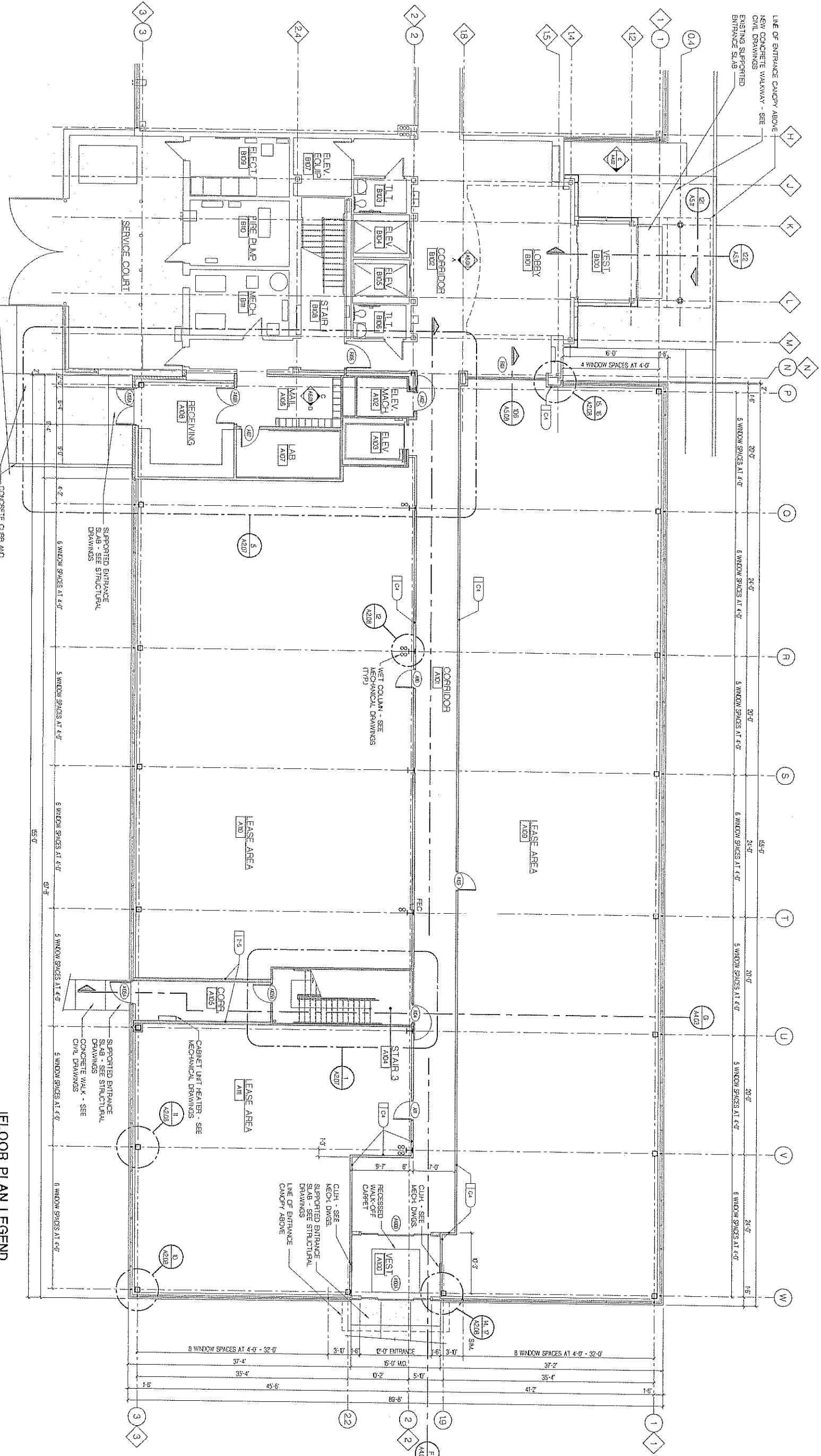
ISSUE DATE	ISSUED FOR
08/23/07	BIDS
DRAWN	TKS
CHECKED	KRM
APPROVED	PAC



1600 Pontcharra
 48300
 248 656 1377
 248 656 7746
 48300 Pontcharra, MI

PROJECT
 Crittenton Hospital
 Medical Office
 Building Addition
 Rochester Hills,
 Michigan
 SHEET
 First Floor Plan

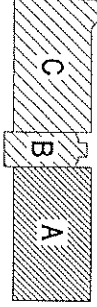
PRODUCT NUMBER
 2006-113
 SHEET NUMBER
 A2.01



FLOOR PLAN LEGEND

- INDICATES WALL CONSTRUCTION TYPE - REFER TO SHEET A02 FOR TYPICAL INTERIOR PARTITION TYPE DESCRIPTIONS.
- INDICATES EXISTING WALL CONSTRUCTION TO REMAIN
- INDICATES NEW INTERIOR PARTITION - REFER TO SHEET A002 FOR TYPICAL INTERIOR PARTITION TYPE DESCRIPTIONS
- INDICATES 2-HOUR FIRE RATED PARTITION TYPE [254] TO EXTEND UP TO INTERSECT OF STRUCTURE ABOVE
- INDICATES 2-HOUR FIRE RATED 5'-4" WALL TYPE [242] TO EXTEND UP TO UNDERSIDE OF STRUCTURE ABOVE

FIRST FLOOR PLAN
 SCALE: 1/8" = 1'-0"

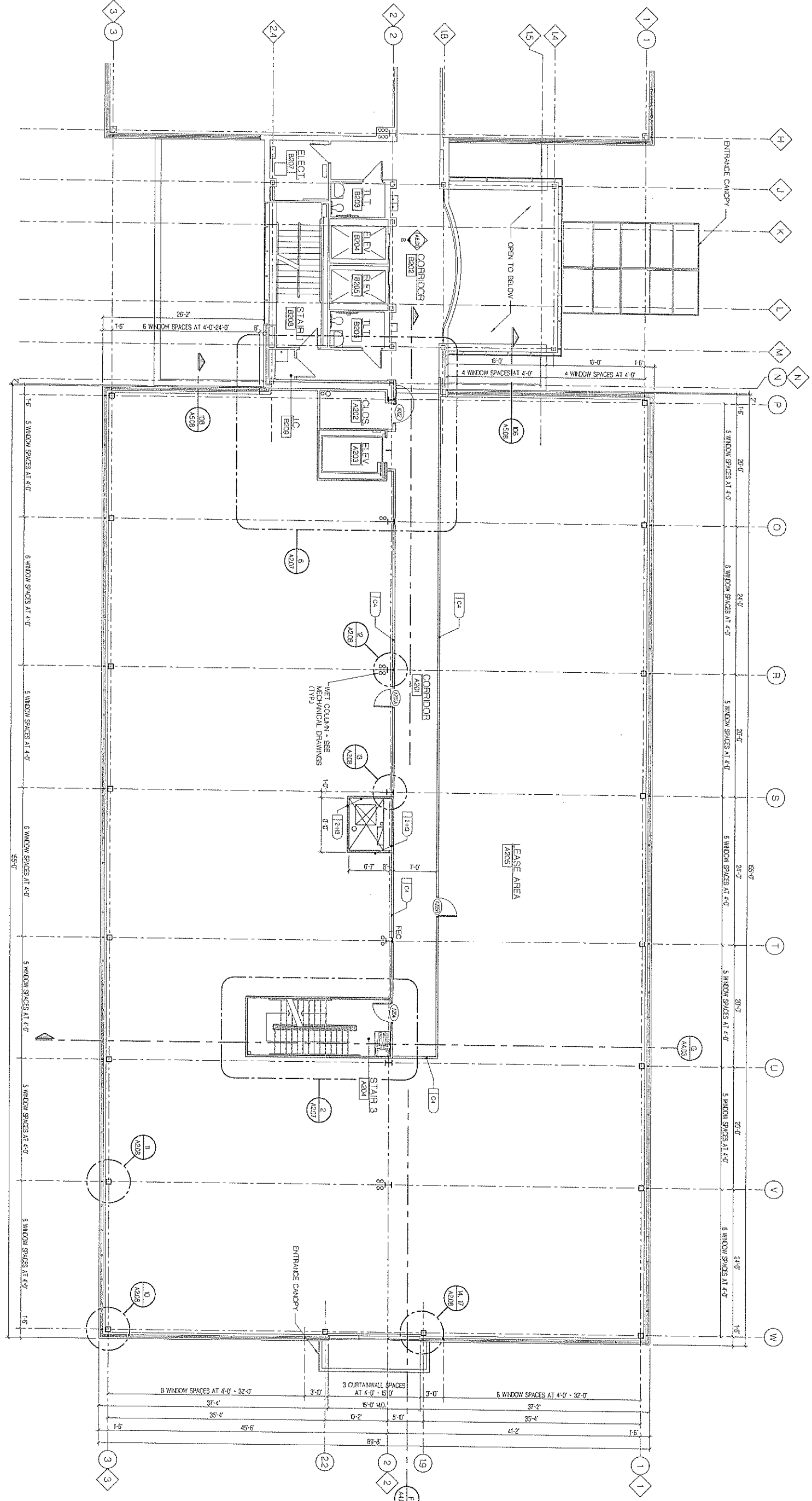


ISSUE DATE	ISSUED FOR
06/21/07	BIDS
DRAWN	TRG
CHECKED	KRM
APPROVED	PAC

FRENCH
associates
1600 Pondosa
Rochester, MI 48307
T 248.653.1377
F 248.655.7745
E french@frenchmi.com

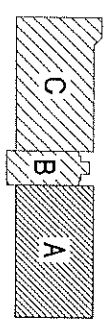
PROJECT
Crittendon Hospital
Medical Office
Building Addition
Rochester Hills,
Michigan
SHEET
Second Floor Plan

PROJECT NUMBER
2006-113
SHEET NUMBER
A2.02



FLOOR PLAN LEGEND

	INDICATES NEW WALL CONSTRUCTION TYPE - REFER TO SHEET A202 FOR TYPICAL INTERIOR PARTITION TYPE DESCRIPTIONS.
	INDICATES EXISTING WALL CONSTRUCTION TO REMAIN
	INDICATES NEW INTERIOR PARTITION - REFER TO SHEET A202 FOR TYPICAL INTERIOR PARTITION TYPE DESCRIPTIONS.
	INDICATES 2-HOUR FIRE RATED INTERIOR PARTITION TYPE [2SA] TO EXTEND UP TO INTERSECT OF STRUCTURE ABOVE.
	INDICATES 2-HOUR FIRE RATED SHAFT WALL TYPE [2SH] TO EXTEND UP TO INTERSECT OF STRUCTURE ABOVE.



ISSUE DATE	ISSUED FOR
08/28/07	BOS
DRAWN	TNS
CHECKED	KRM
APPROVED	PAC

FRENCH
associates

1400 Parkside
Rochester, NY
1 248.656.1977
1 248.656.7746
6 Grand Avenue, 4th Fl.,
Rochester, NY 14607

CRITTEYON POWER BUILDING

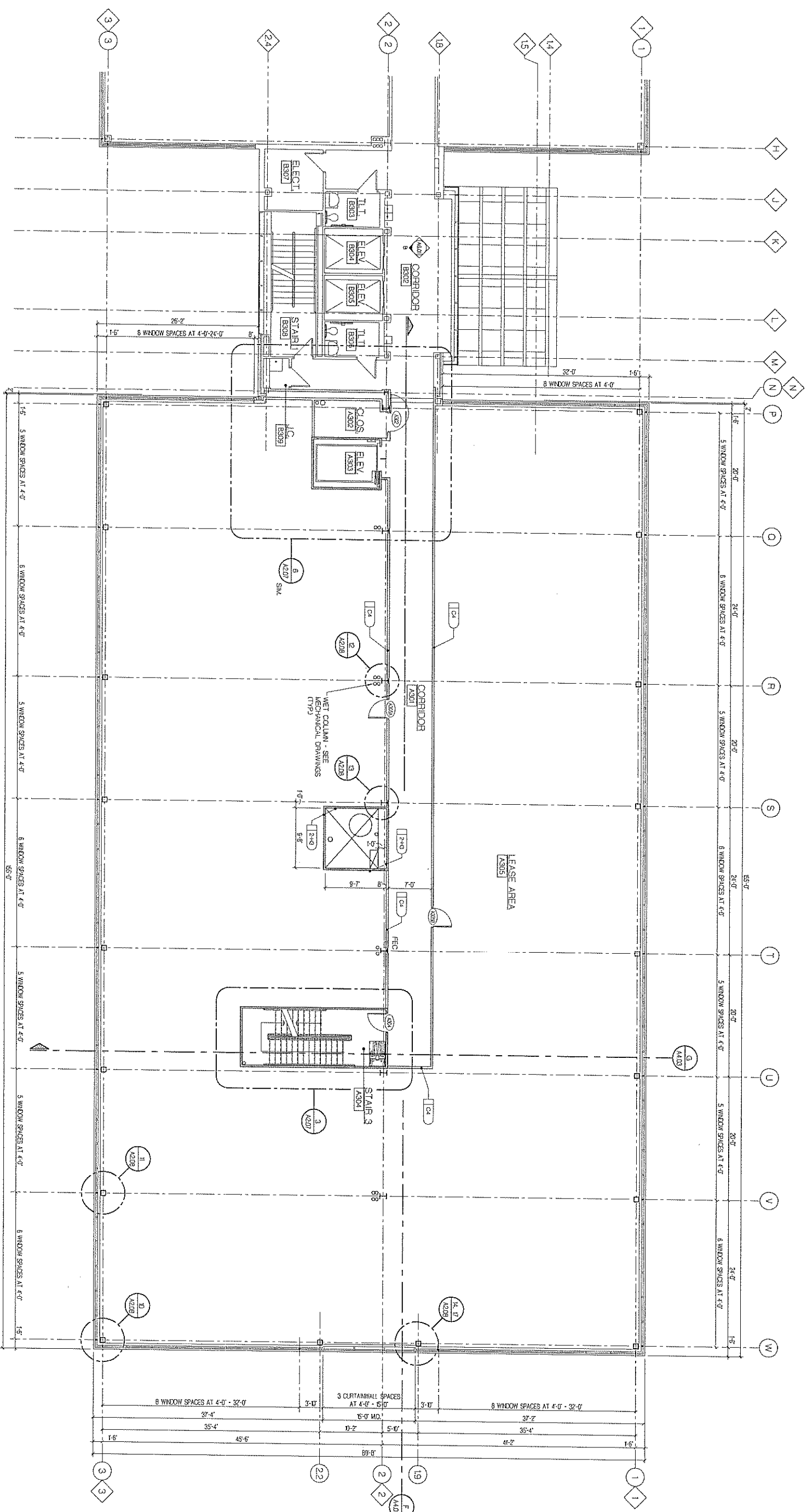
PROJECT
Crittendon Hospital
Medical Office
Building Addition

Rochester Hills,
Michigan

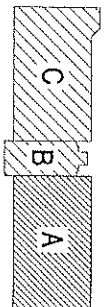
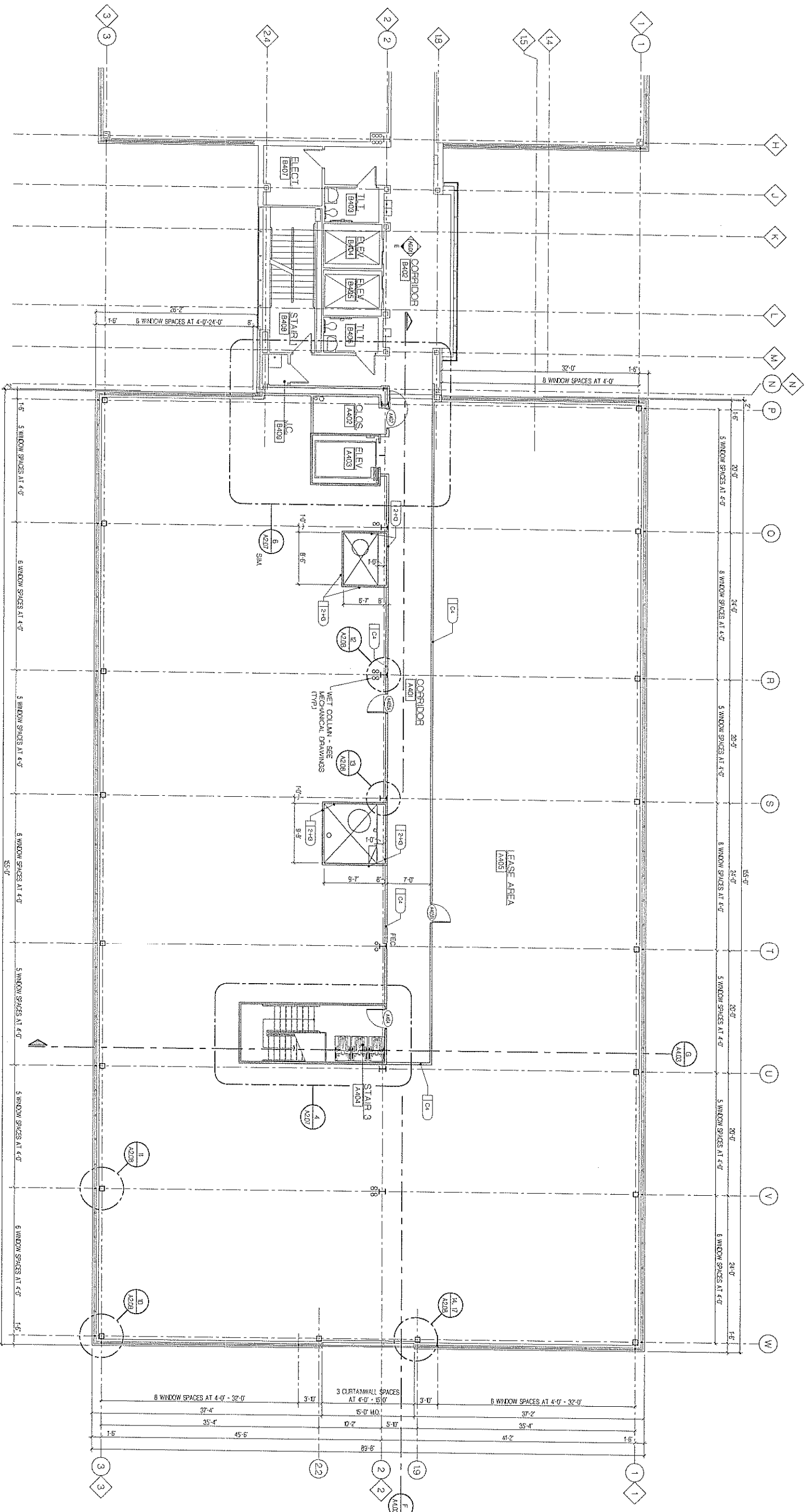
SHEET
Third Floor Plan

FLOOR PLAN LEGEND

	INDICATES NEW INTERIOR PARTITION - REFER TO SHEET A202 FOR TYPICAL INTERIOR PARTITION TYPE DESCRIPTIONS.
	INDICATES EXISTING WALL CONSTRUCTION TO REMAIN
	INDICATES 2-HOUR FIRE RATED PARTITION - REFER TO SHEET A202 FOR TYPICAL INTERIOR PARTITION TYPE DESCRIPTIONS.
	INDICATES 2-HOUR FIRE RATED PARTITION TYPE TO EXTEND UP TO UNDERSIDE OF STRUCTURE ABOVE.
	INDICATES 2-HOUR FIRE RATED SHAFT WALL TYPE TO EXTEND UP TO UNDERSIDE OF STRUCTURE ABOVE.

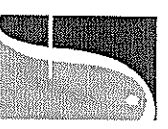


THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN

ISSUE DATE	ISSUED FOR
06/21/07	BOS
DRAWN	TNS
CHECKED	KRM
APPROVED	PAC



FRENCH
associates
1400 Parkside
Rochester, NY
14630
F 248.656.1317
F 248.656.7716
GREENE AVENUE, N.Y.

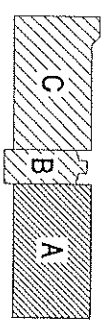
PROJECT
Crittendon Hospital
Medical Office
Building Addition
Rochester Hills,
Michigan
SHEET
Fourth Floor Plan

PROJECT NUMBER
2006-113
SHEET NUMBER
A2.04

FLOOR PLAN LEGEND

- INDICATES WALL CONSTRUCTION TYPE - REFER TO SHEET A402 FOR TYPICAL INTERIOR PARTITION TYPE DESCRIPTIONS.
- INDICATES EXISTING WALL CONSTRUCTION TO REMAIN
- INDICATES NEW INTERIOR PARTITION - REFER TO SHEET A402 FOR TYPICAL INTERIOR PARTITION TYPE DESCRIPTIONS.
- INDICATES 2-HOUR FIRE RATED PARTITION TYPE [2HR] TO EXTEND UP TO UNDERSIDE OF STRUCTURE ABOVE
- INDICATES 2-HOUR FIRE RATED SHAFT WALL TYPE [2HR] TO EXTEND UP TO UNDERSIDE OF STRUCTURE ABOVE

FOURTH FLOOR PLAN
SCALE: 1/8" = 1'-0"



ISSUE DATE	ISSUED FOR
06/20/07	BIOS
DRAWN	TNS
CHECKED	KRM
APPROVED	PAC

FRENCH
associates

1400 Parkside
Rochester, MI 48307
T 248.656.1377
F 248.656.7746
© FRENCH ASSOCIATES, INC.

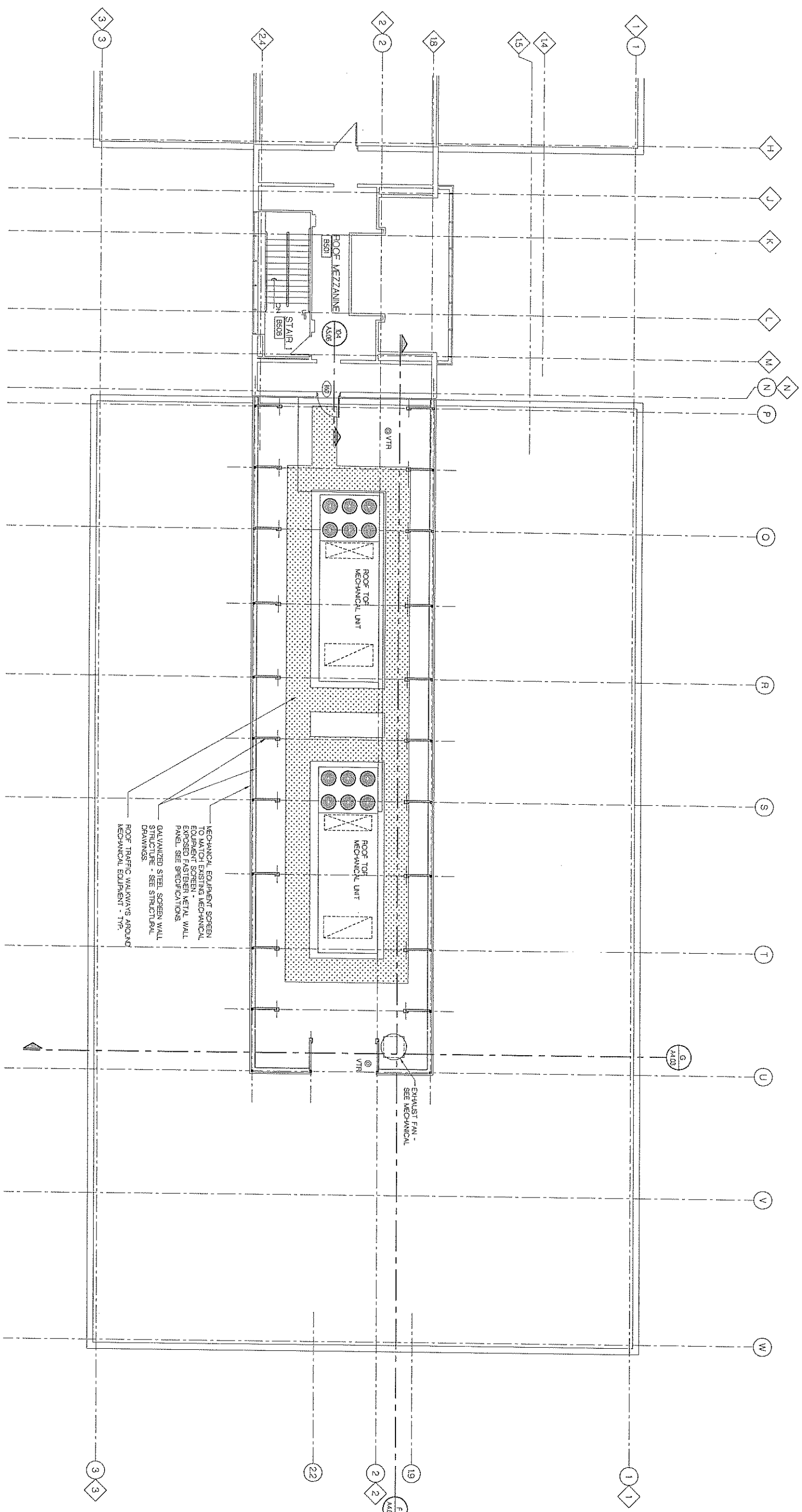
PROJECT
Crittendon Hospital
Medical Office
Building Addition

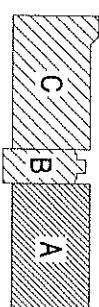
Rochester Hills,
Michigan

SHEET
Roof Mezzanine Plan

PROJECT NUMBER
2006-113

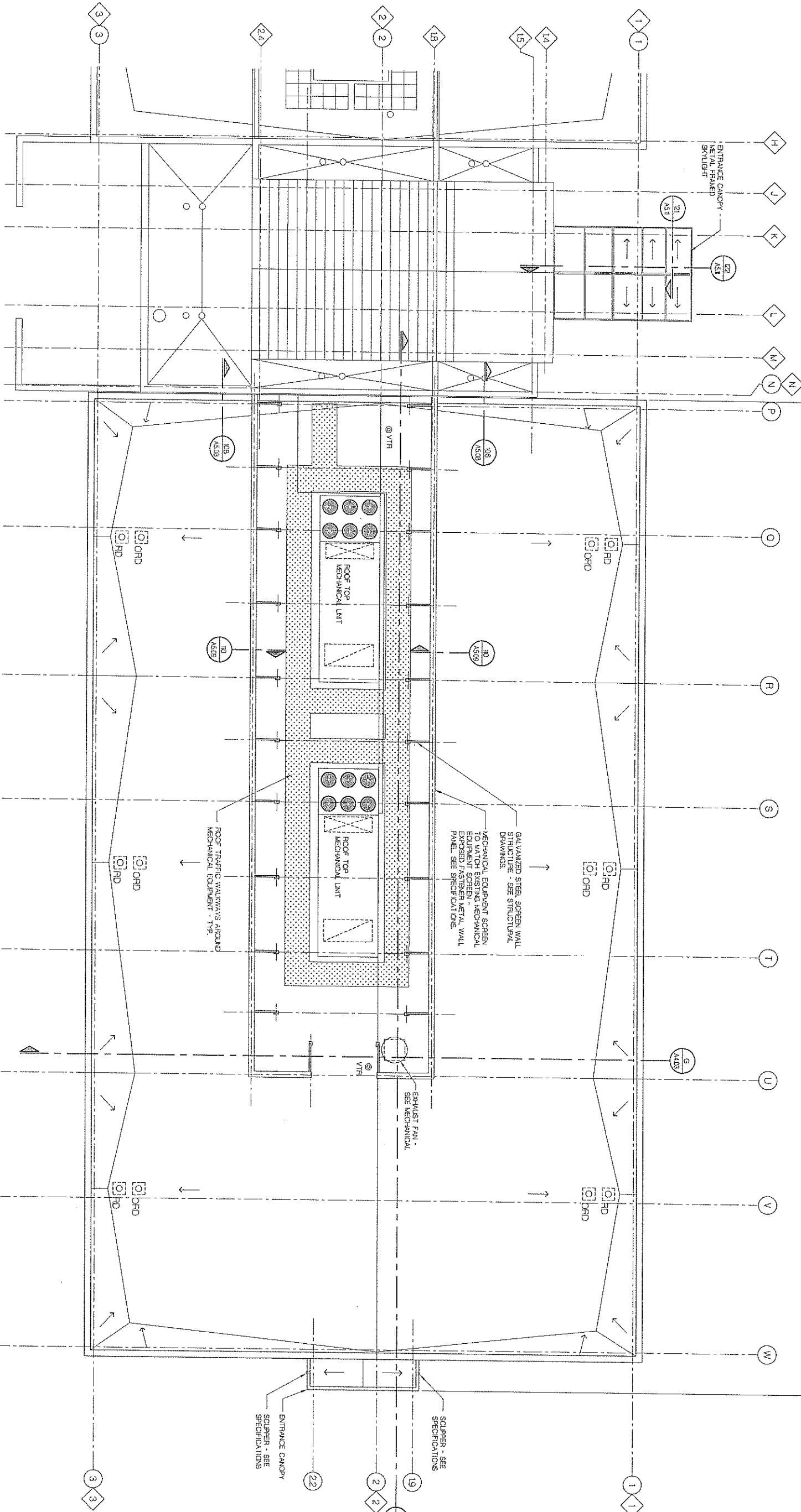
SHEET NUMBER
A2.05





EXISTING ROOFING SYSTEM

NEW PVC MECHANICALLY FASTENED ROOFING SYSTEM



TYPICAL ROOF NOTES

1. NEW ROOFING SHALL BE PVC-MECHANICALLY FASTENED MEMBRANE ROOFING SYSTEM WITH 18 GA. GALVALUME SUBSTRATE.
2. STEEL FLASHING SHALL BE 18 GA. GALVALUME WITH 1/4" TYPICAL SLOPE TO DRAIN AWAY FROM ROOF. FLASHING SHALL BE INSTALLED OVER ALL ROOF PENETRATIONS AND SHALL BE WELDED TO THE ROOF DECK AND TO THE WALKWAY METAL FRAMING.
3. MECHANICAL EQUIPMENT SHALL BE INSTALLED ON 4" X 4" X 1/2" STEEL WALKWAYS AS REQUIRED.
4. BASE INSULATION SHALL BE 2" POLYISOCYANURATE (PIR) INSULATION WITH A MINIMUM R-VALUE OF 10. MECHANICAL EQUIPMENT SHALL BE INSTALLED ON 4" X 4" X 1/2" STEEL WALKWAYS AS REQUIRED.
5. ROOF DECK SHALL BE 4" X 4" X 1/2" STEEL WALKWAYS WITH 1/4" TYPICAL SLOPE TO DRAIN AWAY FROM ROOF. MECHANICAL EQUIPMENT SHALL BE INSTALLED ON 4" X 4" X 1/2" STEEL WALKWAYS AS REQUIRED.
6. MECHANICAL EQUIPMENT SHALL BE INSTALLED ON 4" X 4" X 1/2" STEEL WALKWAYS AS REQUIRED.

KEY

- | | |
|----|-----------------------------|
| 1 | INDICATE DIRECTION OF SLOPE |
| 2 | MECHANICAL EQUIPMENT |
| 3 | MECHANICAL EQUIPMENT |
| 4 | MECHANICAL EQUIPMENT |
| 5 | MECHANICAL EQUIPMENT |
| 6 | MECHANICAL EQUIPMENT |
| 7 | MECHANICAL EQUIPMENT |
| 8 | MECHANICAL EQUIPMENT |
| 9 | MECHANICAL EQUIPMENT |
| 10 | MECHANICAL EQUIPMENT |
| 11 | MECHANICAL EQUIPMENT |
| 12 | MECHANICAL EQUIPMENT |
| 13 | MECHANICAL EQUIPMENT |
| 14 | MECHANICAL EQUIPMENT |
| 15 | MECHANICAL EQUIPMENT |
| 16 | MECHANICAL EQUIPMENT |
| 17 | MECHANICAL EQUIPMENT |
| 18 | MECHANICAL EQUIPMENT |
| 19 | MECHANICAL EQUIPMENT |
| 20 | MECHANICAL EQUIPMENT |
| 21 | MECHANICAL EQUIPMENT |
| 22 | MECHANICAL EQUIPMENT |
| 23 | MECHANICAL EQUIPMENT |
| 24 | MECHANICAL EQUIPMENT |
| 25 | MECHANICAL EQUIPMENT |
| 26 | MECHANICAL EQUIPMENT |
| 27 | MECHANICAL EQUIPMENT |
| 28 | MECHANICAL EQUIPMENT |
| 29 | MECHANICAL EQUIPMENT |
| 30 | MECHANICAL EQUIPMENT |
| 31 | MECHANICAL EQUIPMENT |
| 32 | MECHANICAL EQUIPMENT |
| 33 | MECHANICAL EQUIPMENT |
| 34 | MECHANICAL EQUIPMENT |
| 35 | MECHANICAL EQUIPMENT |
| 36 | MECHANICAL EQUIPMENT |
| 37 | MECHANICAL EQUIPMENT |
| 38 | MECHANICAL EQUIPMENT |
| 39 | MECHANICAL EQUIPMENT |
| 40 | MECHANICAL EQUIPMENT |
| 41 | MECHANICAL EQUIPMENT |
| 42 | MECHANICAL EQUIPMENT |
| 43 | MECHANICAL EQUIPMENT |
| 44 | MECHANICAL EQUIPMENT |
| 45 | MECHANICAL EQUIPMENT |
| 46 | MECHANICAL EQUIPMENT |
| 47 | MECHANICAL EQUIPMENT |
| 48 | MECHANICAL EQUIPMENT |
| 49 | MECHANICAL EQUIPMENT |
| 50 | MECHANICAL EQUIPMENT |

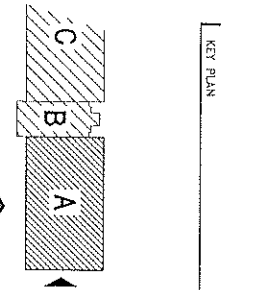
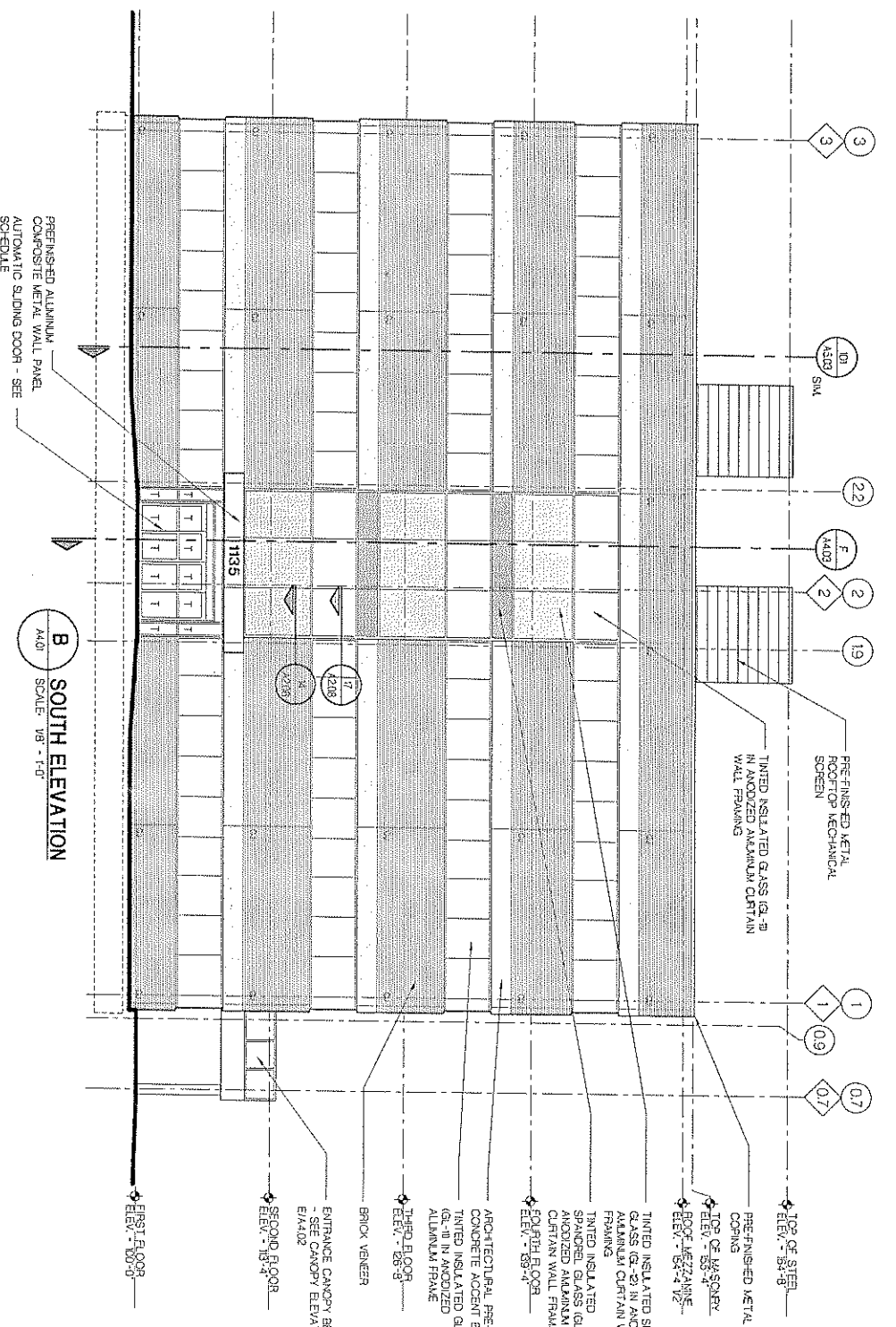
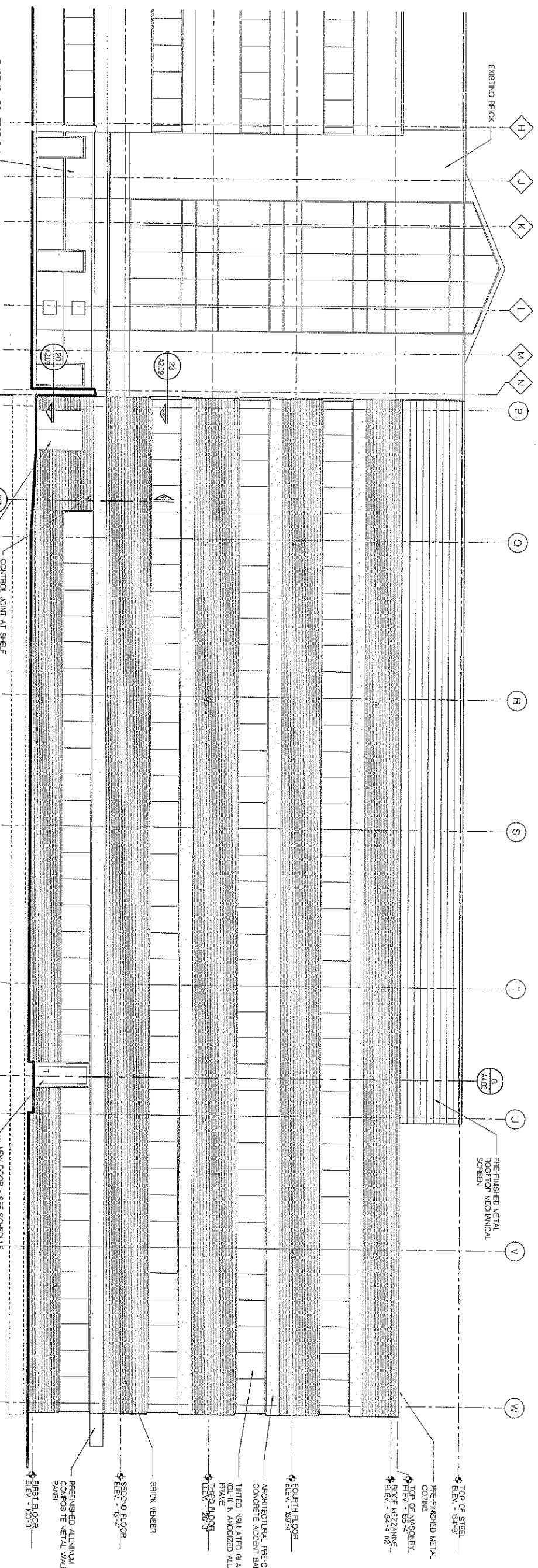
ISSUE DATE	ISSUED FOR
08/29/07	BIDS
DRAWN	TKS
CHECKED	KRM
APPROVED	PAC



1600 Parkway
 48307
 248.664.1977
 248.656.7746
 © FRENCH ASSOCIATES, INC.

PROJECT
 Crittenton Hospital
 Medical Office
 Building Addition
 Rochester Hills,
 Michigan

SHEET
 Roof Plan



ISSUE DATE	ISSUED FOR
09/21/07	BIDS
DRAWN	
CHECKED	
APPROVED	

FRENCH
associates

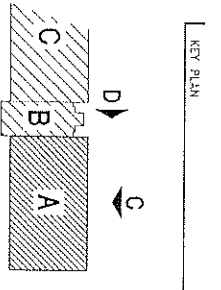
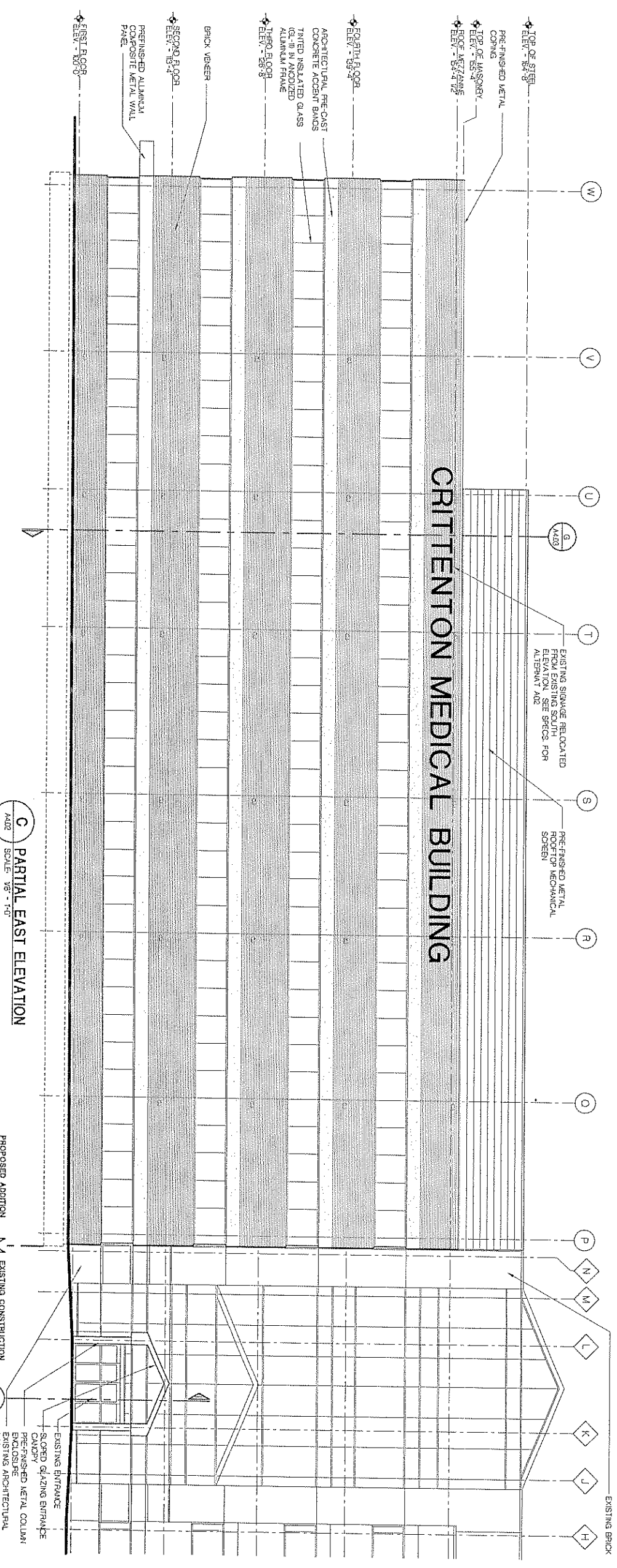
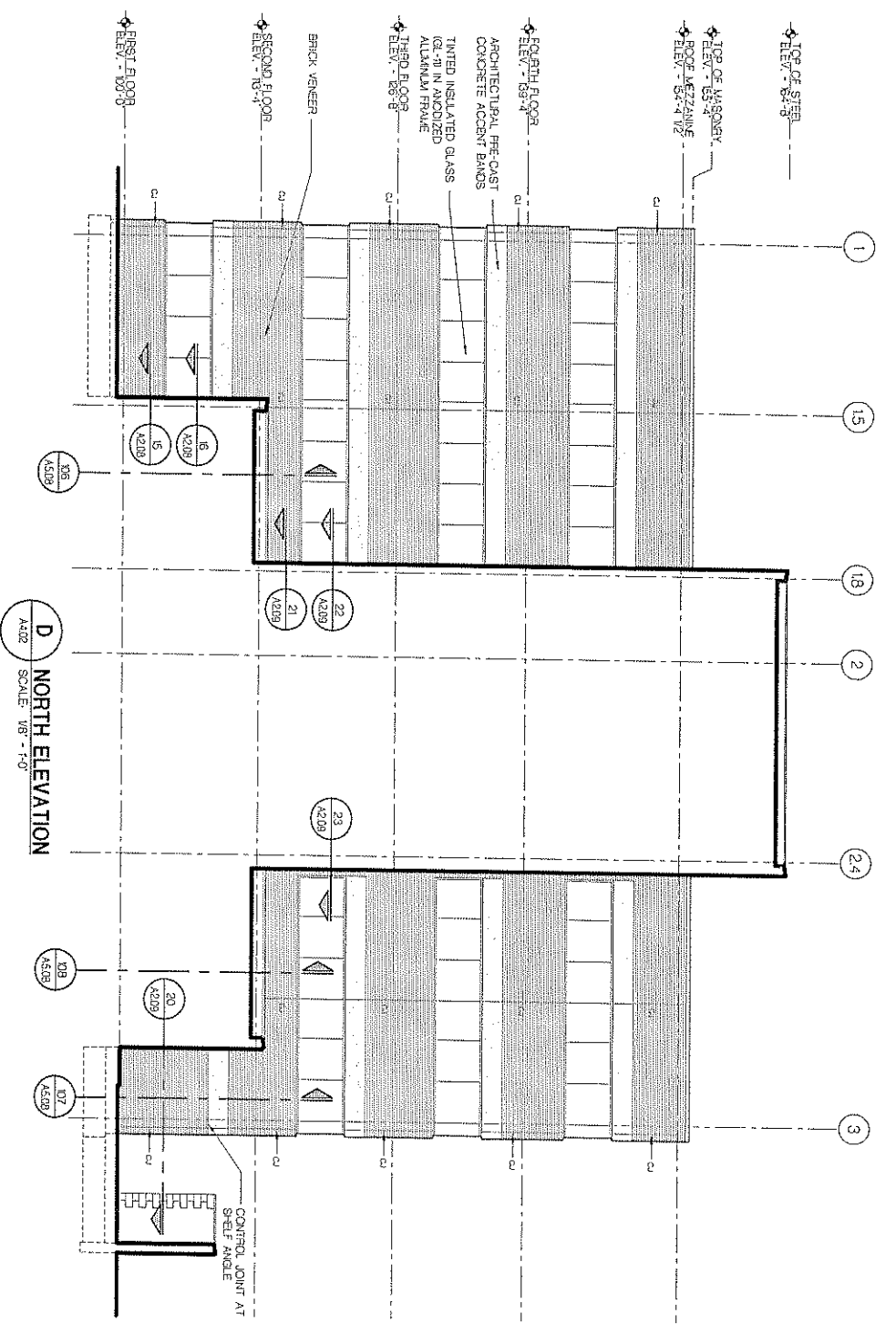
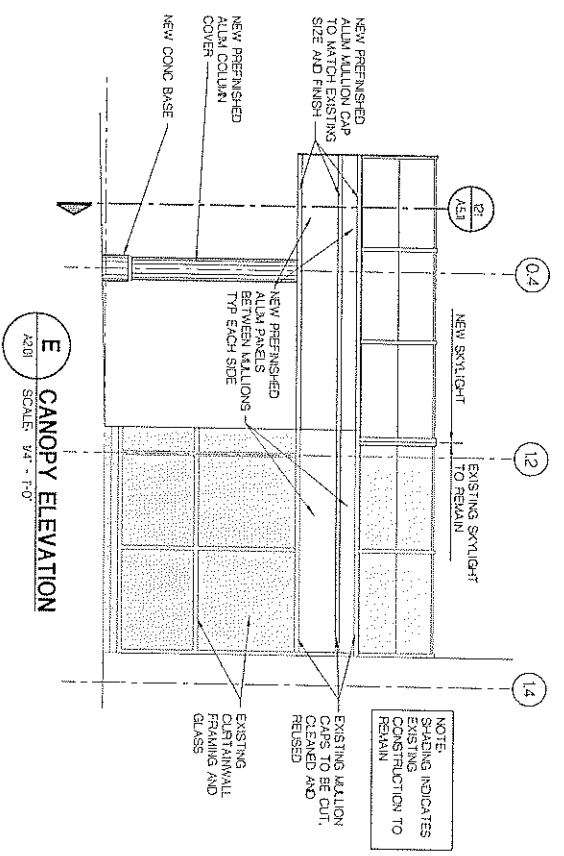
1400 Parkside
Arling Heights, IL
63007
T 248.655.1317
F 248.655.7746
© French Associates, Inc.

PROJECT
Crittenton Hospital
Medical Office
Building Addition
Rochester Hills,
Michigan

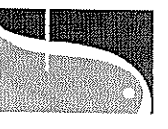
SHEET
Exterior Elevations

PROJECT NUMBER
2006-113

SHEET NUMBER
A4.01



ISSUE DATE	ISSUED FOR
06/20/07	BIDS
DRAWN	TKS
CHECKED	KRM
APPROVED	FAC



1600 Parkside
Rochester, MI
734.248.656 / 1377
F. 248.656.7746
© FRENCH ASSOCIATES, INC.

PROJECT
Crittendon Hospital
Medical Office
Building Addition
Rochester Hills,
Michigan

SHEET
Exterior Elevations

PROJECT NUMBER
2006-113

SHEET NUMBER
A4.02