

Request for Bids No. 314001 Buildings C & D Neighborhoods Remodel - Rebid Badger Prairie Health Care Center

1100 E. Verona Ave. Verona, WI 53593

Sheet Index

General

000 Title Sheet

Civil

C1 C2 Grading / Drainage Improvement Areas

Landscape

- L201 Landscape Patio Plan (Building D)
- L203 L300 Landscape Patio Plan (Building C) Landscape Details
- L301 Landscape Details

Architectural

- 002 **Overall Building Plan**
- 003 004 Overall Demo Plan (Buildings C & D) Overall Plan (Buildings C & D)
- Egress Door Plan (Building D) Architectural Patio Plan (Building D)
- 200 201 202
- Egress Door Plan (Building C) Architectural Patio Plan (Building C) 203
- 300 Ornamental Fence Detail
- 400 500 Exterior Elevations (Demolition & New)
- Wall Sections (Demolition & New) Exterior Details
- 600 601 800 Exterior Details
- Door Schedule, Frame & Door Type Elevations

Electrical

E000 Coversheet - Electrical

- Electrical Symbols List Site Plan Electrical E001 E050
- Partial First Floor Plan Electrical Partial First Floor Plan Electrical E100
- E101
- E102 E103 Partial First Floor Plan - Electrical Partial First Floor Plan - Electrical
- E401
- Patio Lighting Plan (Building D) Patio Lighting Plan (Building C) F402

Technology

- T000 Coversheet - Technology T001
- Suggested Matrix of Scope Responsibility Technology General Technology Equipment Schedule T002
- T003 General Technology Equipment Schedule
- T050 Site Plan - Technology
- T100 Partial First Floor Plan - Technology T101 Partial First Floor Plan - Technology
- T102 Partial First Floor Plan - Technology
- Partial First Floor Plan Technology T103
- T200 Access Control Riser Diagram - Technology
- T300 Access Control Schedule - Technology T400 Door Rough-In and Wiring Diagram - Technology
- ADA Guidelines for All Configurations Technology

Project Information

Date: November 06, 2014 PRA Project Number: 120341-02 Dane County Bid Number: 314001

Construction Documents

Applicable Codes and Zoning

Wisconsin Enrolled Commercial Building Code 2014 Occupancy Group I-2 Skilled Nursing Facilities

Zoning: Town of Verona ordinances

Type of Construction

ADA Access Route Existing Facility currently accessible

Alteration (Level 1) Type of construction, Type V-A Construction Automatic Sprinkler System NFPA 13 (IBC 903) Fire Alarm System including smoke detectors (IBC 907 & NFPA 72)

Occupant Load

Exiting Existing Aggregate Width to remain the same

Parking Requirements

Remains the same

Remains the same



11000 west park place milwaukee, wisconsin 53224 t 414 359 3060 2310 crossroads drive suite 2000 madison, wisconsin 53718 t 608 240 9900 1613 fruitville road suite 3 sarasota, florida 34236 t 941 348 3618

intelligent designs. inspired results. | www.prarch.com

Project Location



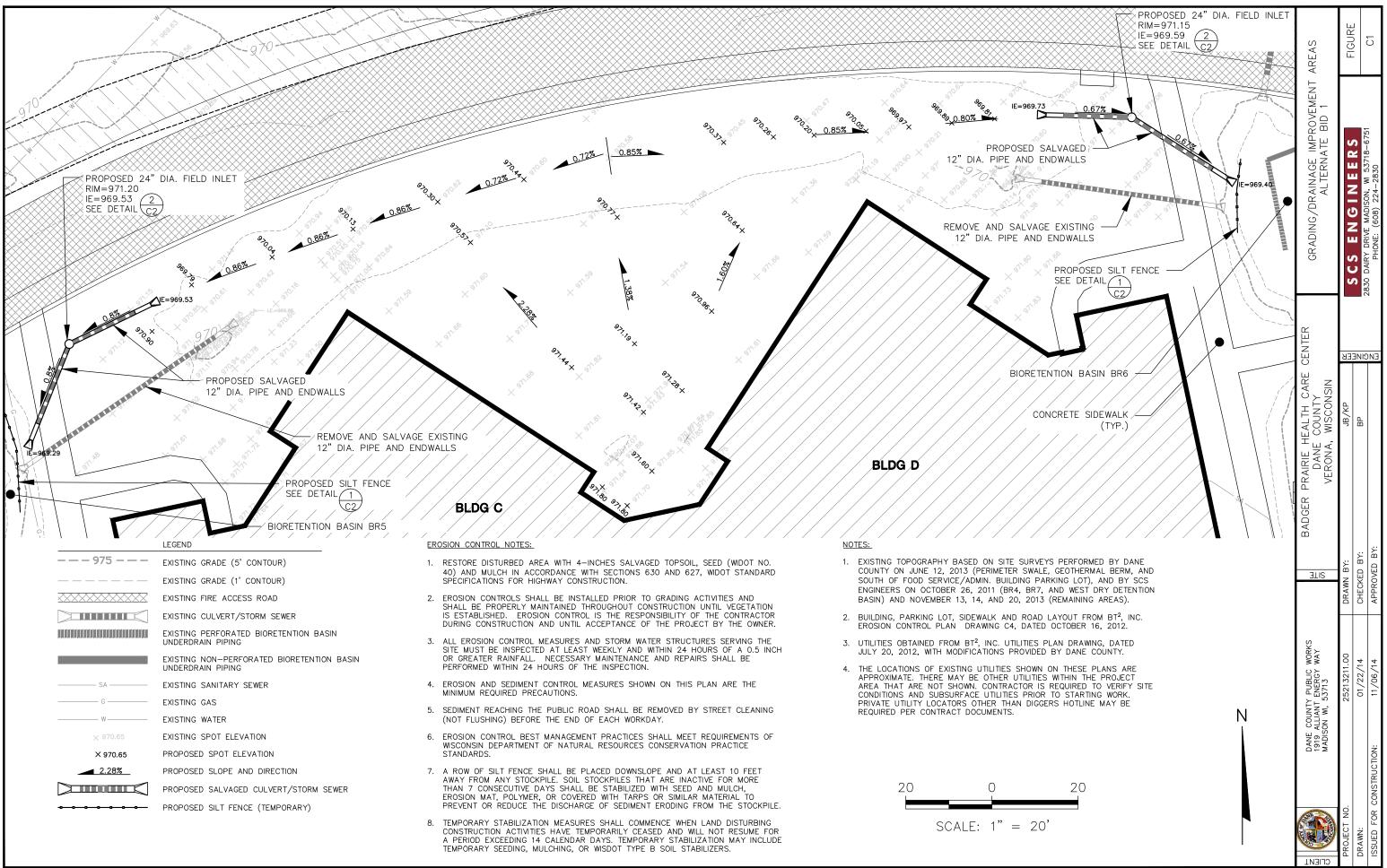
Project Team

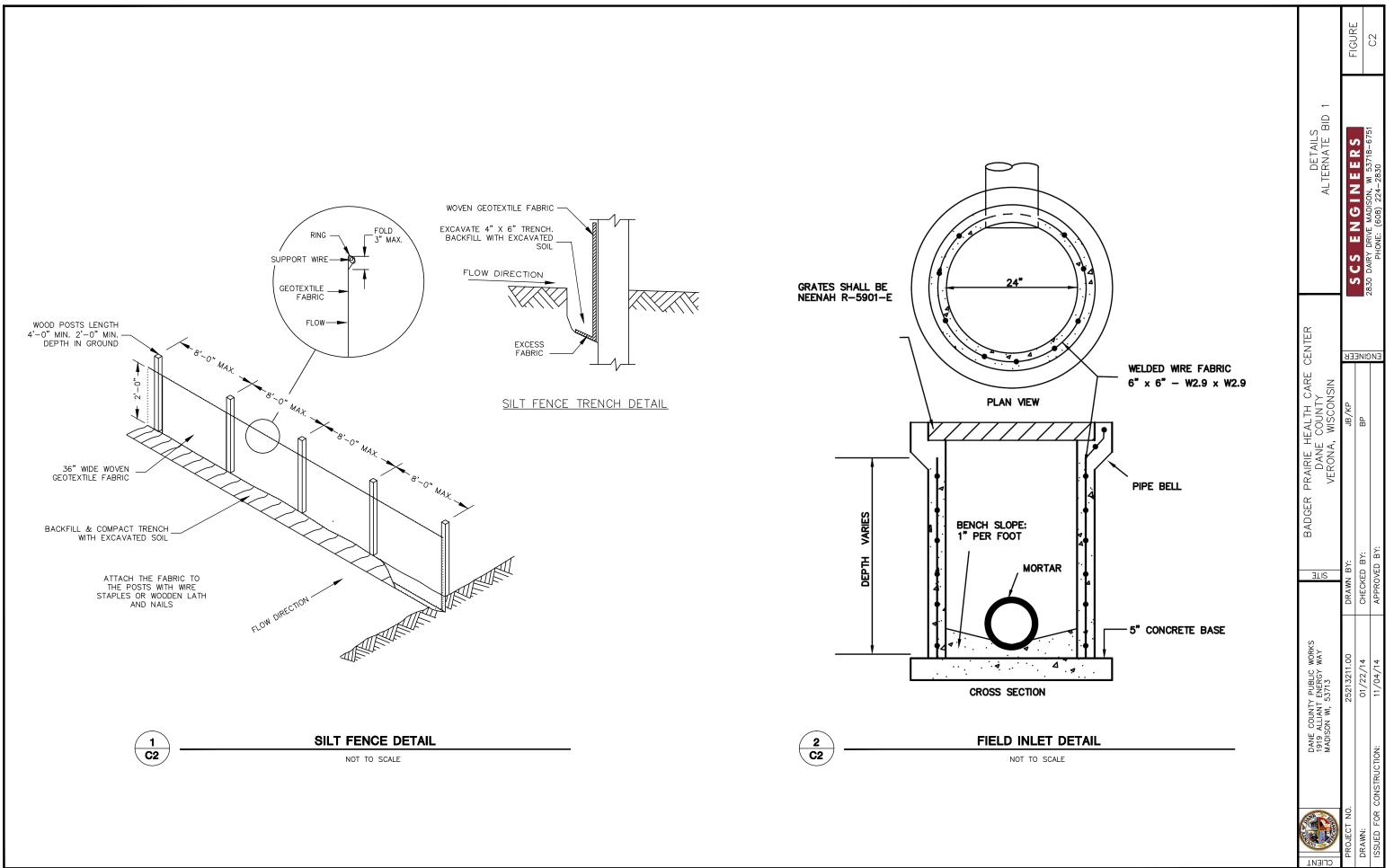
Owner	
Dane Co. Dept. of Public Works Contact: Scott Carlson	608-266-4018
Architect	
Plunkett Raysich Architects, LLC Contact: Steven Kieckhafer	608-240-9900
Civil Engineer	
SCS Engineers Contact: Betsy Powers	608-224-2830
Landscape Architect	
LJ Geer Contact: Lisa Geer	608-862-3564
Electrical/Technology Consulta	ant
KJWW Contact: Chris Franczek	608-223-9600

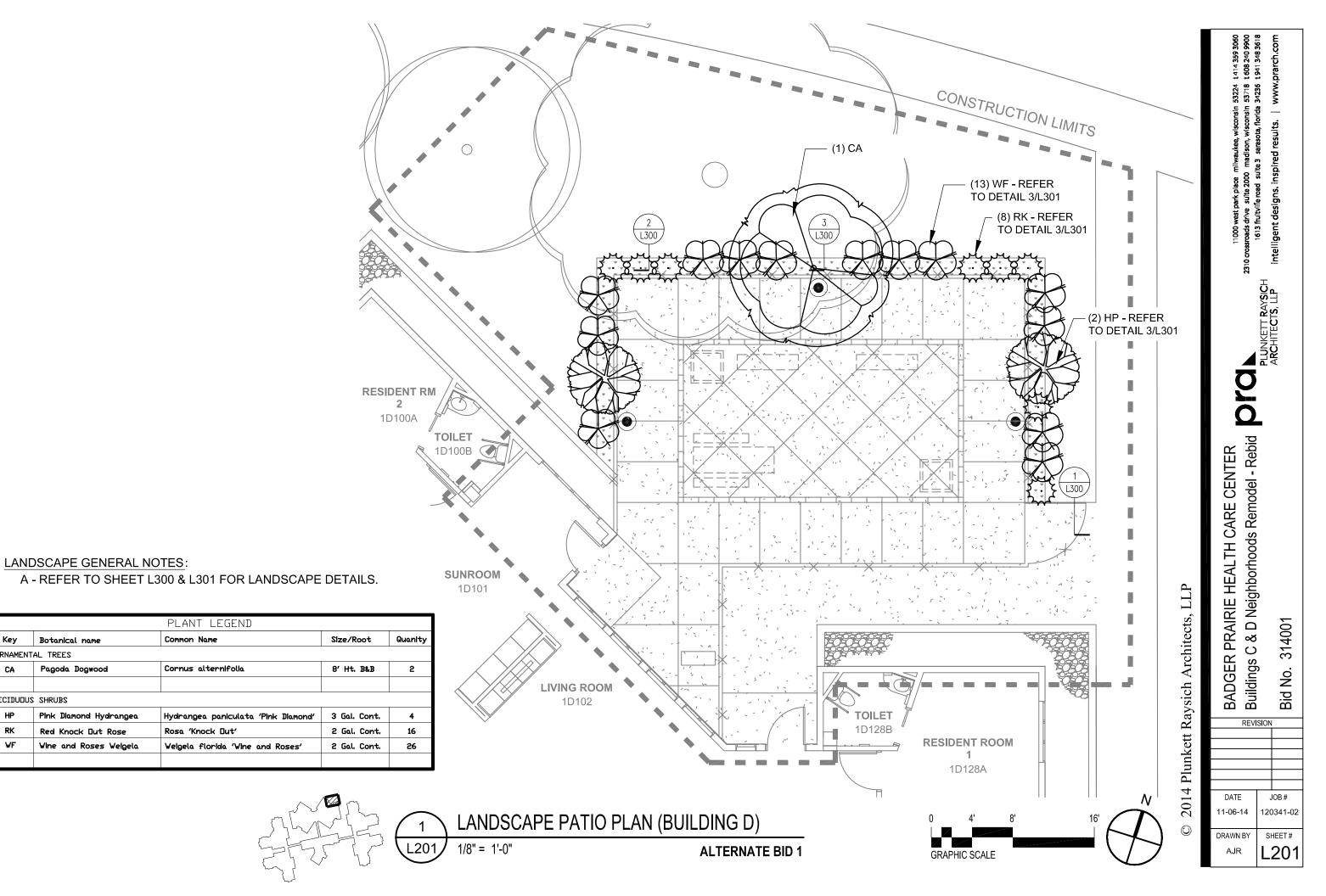
Plunkett Raysich Architects, ject #: 120341-02

LLP

Title Sheet ()()(







Key

CA

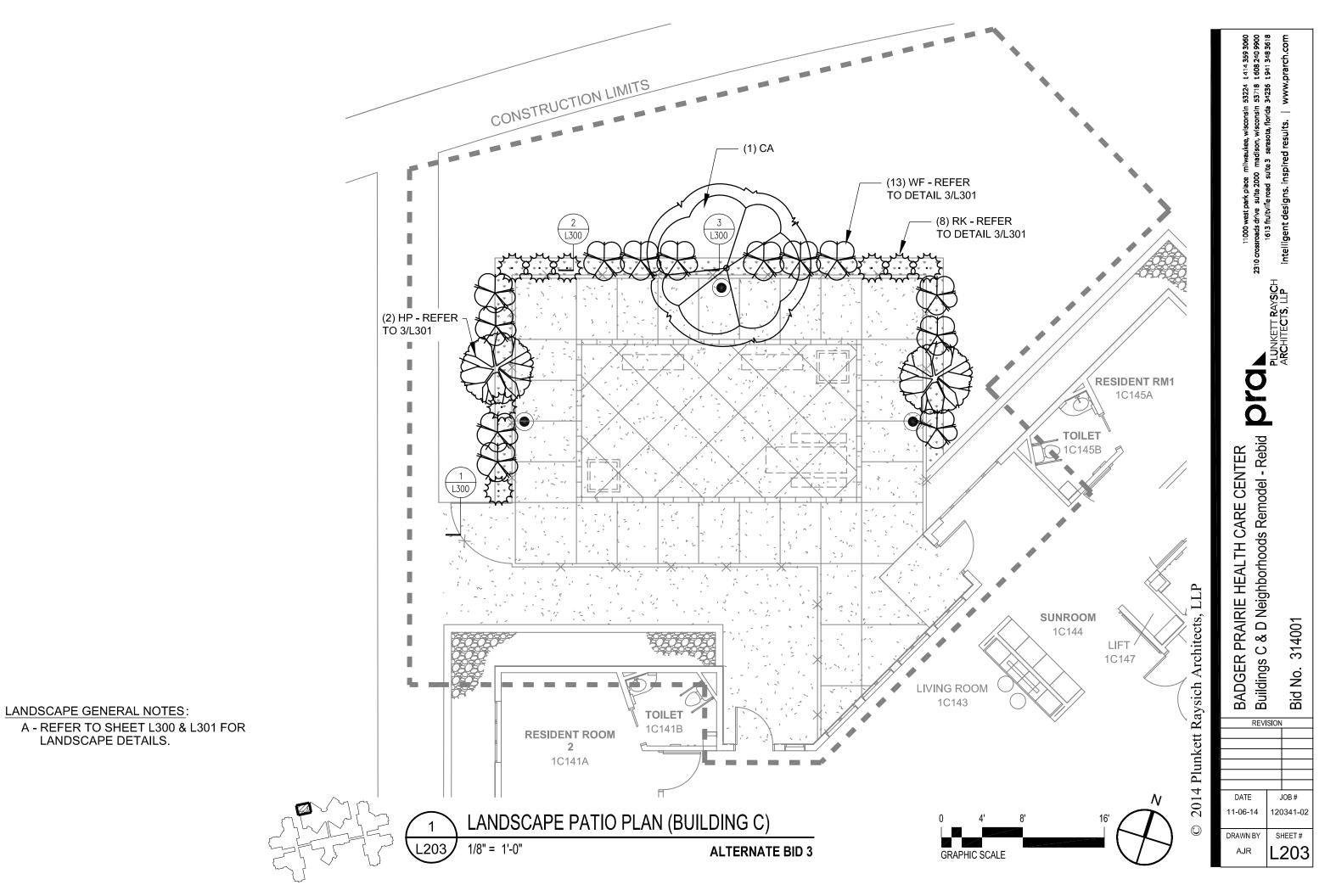
ΗP

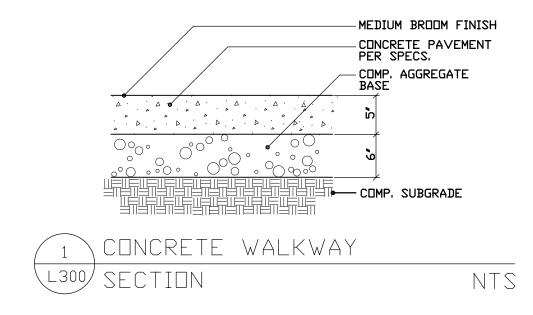
RK

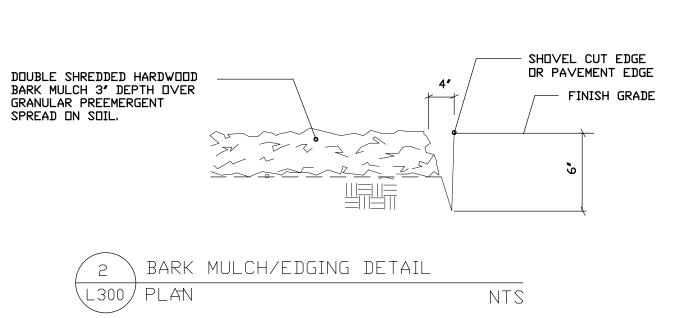
WF

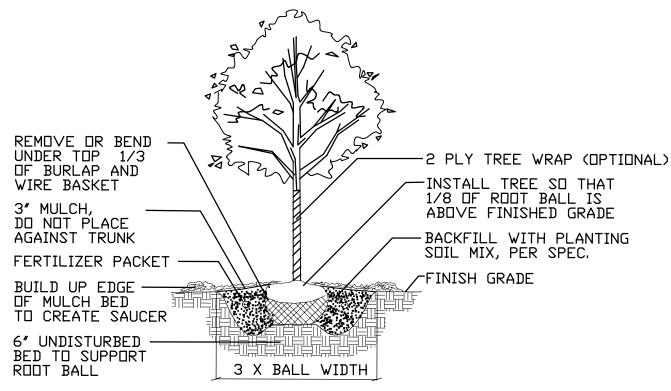
DRNAMENTAL TREES

DECIDUOUS SHRUBS













NTS

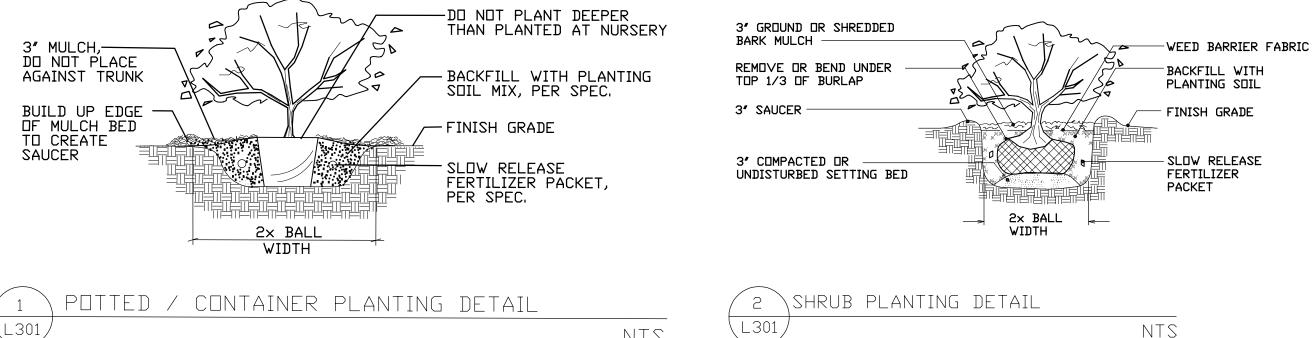
2014 Plunkett Raysich Architects, LLP

 \odot

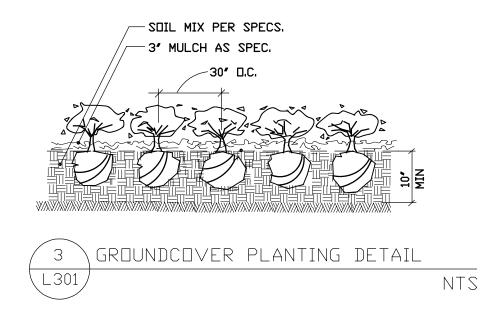
FINISH GRADE

-INSTALL TREE SO THAT 1/8 OF ROOT BALL IS ABD∨E FINISHED GRADE BACKFILL WITH PLANTING SDIL MIX, PER SPEC.

t 414 359 3060 t 608 240 9900 t 941 348 3618 prarch.cor 53224 53718 34236 www sconsin sconsin florida ----intelligent designs. inspired results. suite 3 roads drive 1613 fruitvil 000 2310 CK DIDD PLUNKETT RAYSICH ARCHITECTS, LLP C & D Neighborhoods Remodel - Rebid BADGER PRAIRIE HEALTH CARE CENTER 314001 Buildings (Bid No. REVISION DATE JOB # 11-06-14 120341-02 DRAWN BY SHEET # L300 AJR

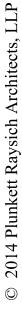


NTS

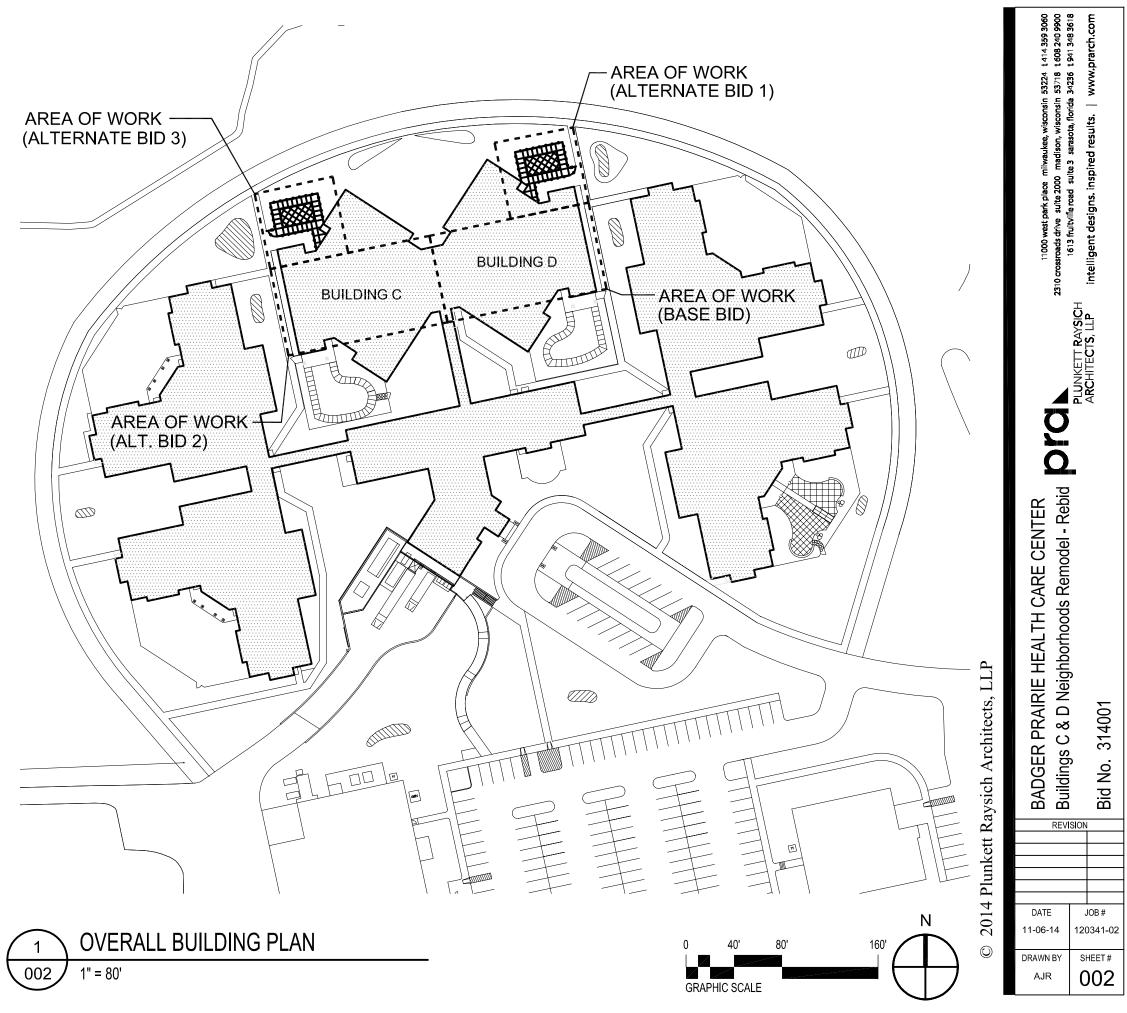


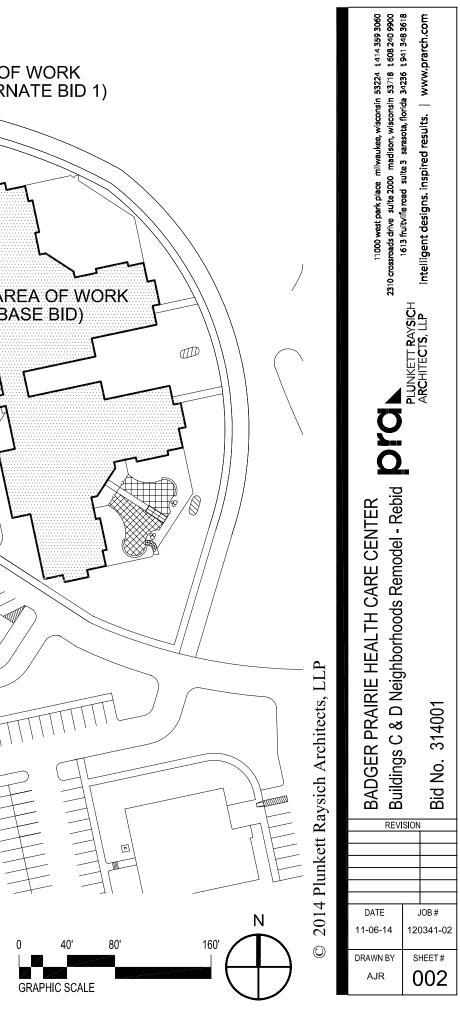


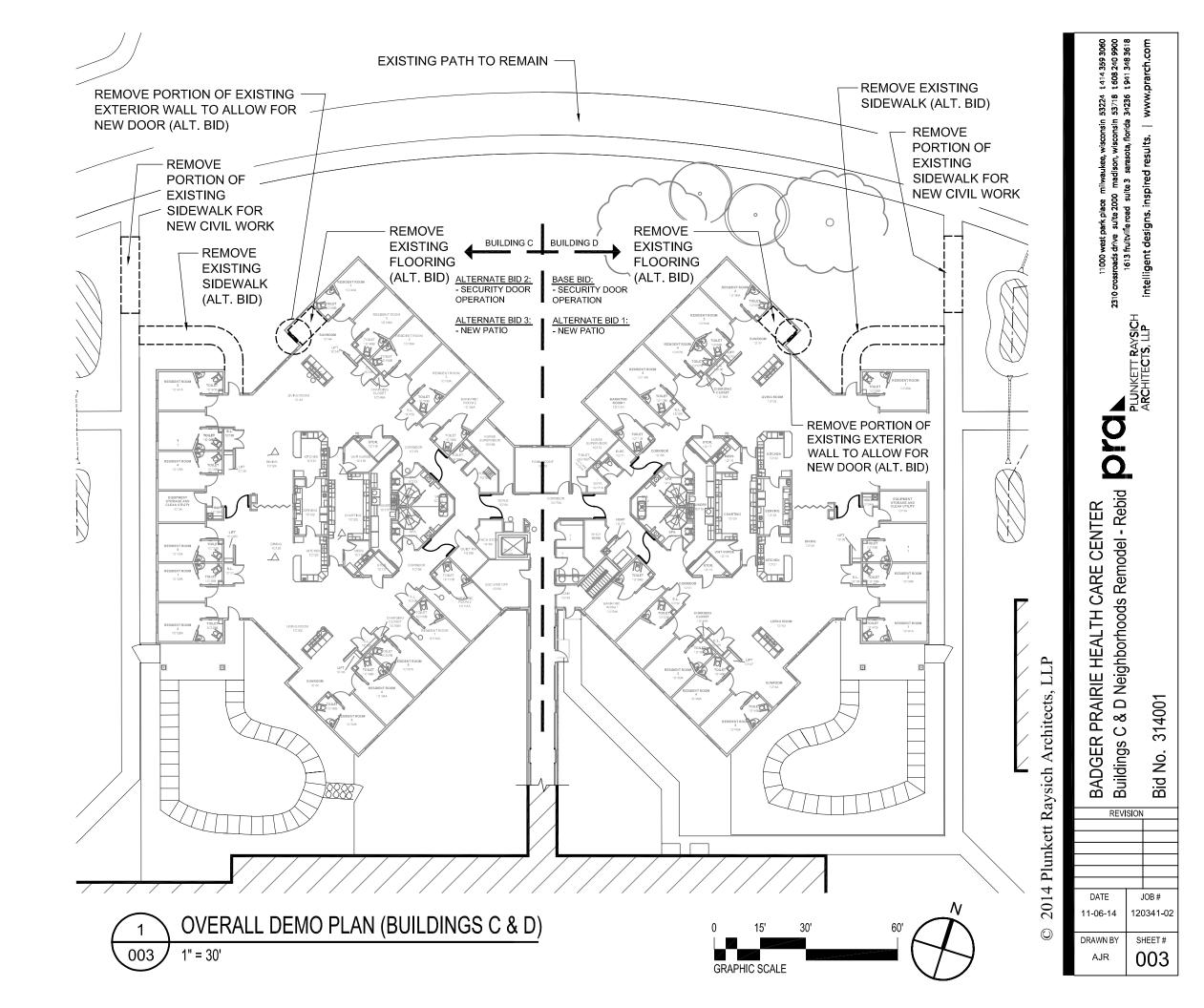


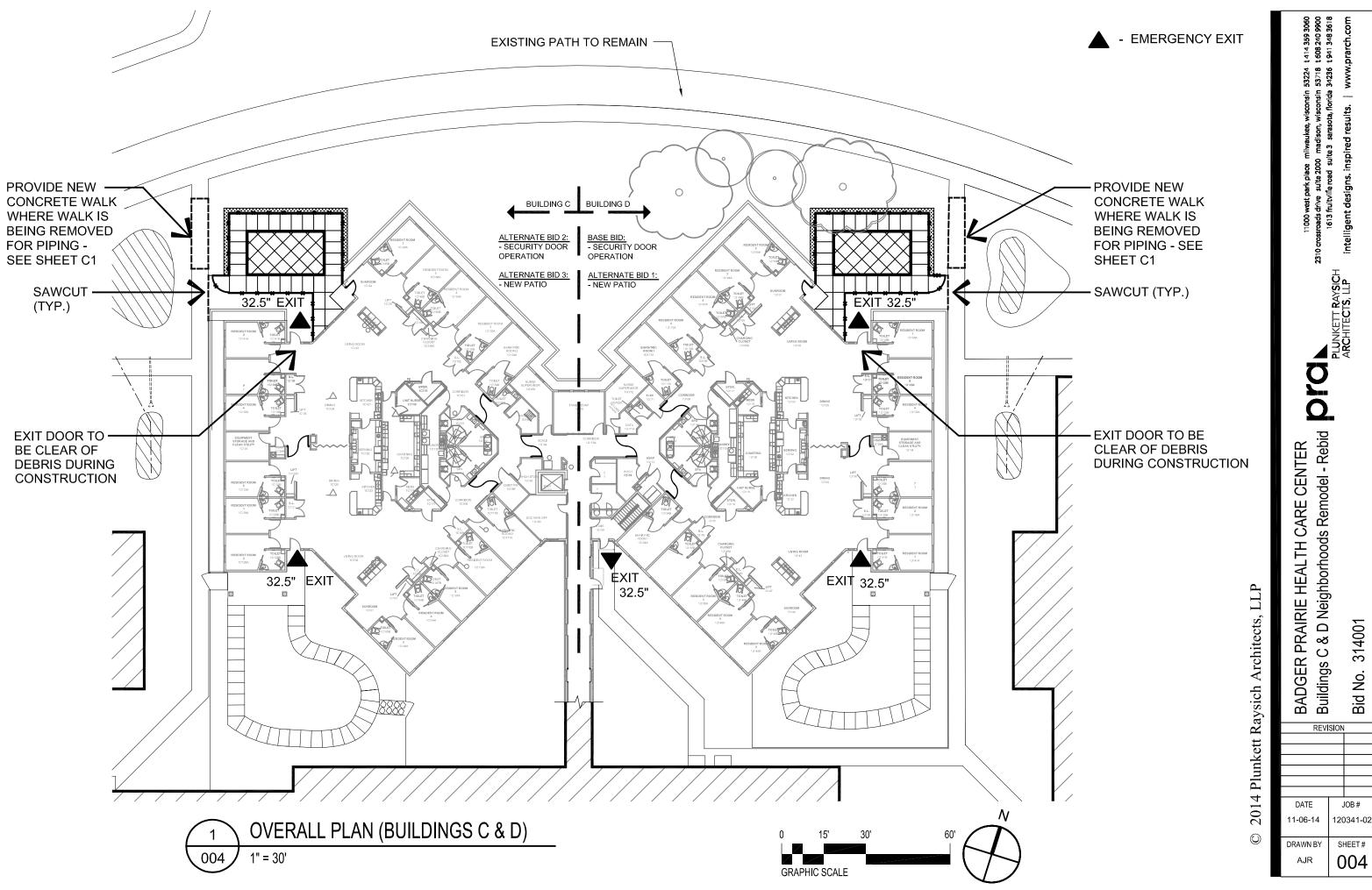






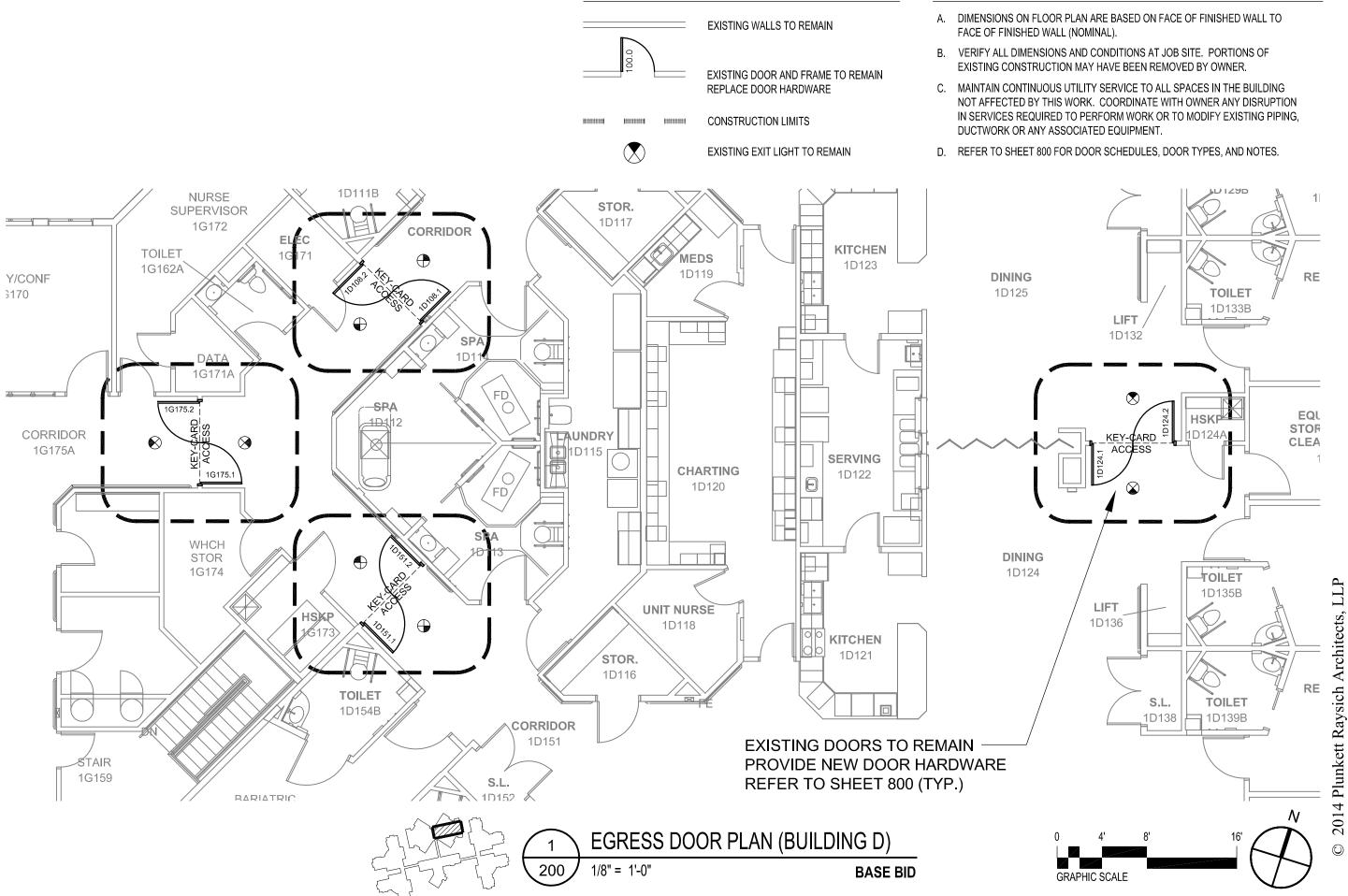








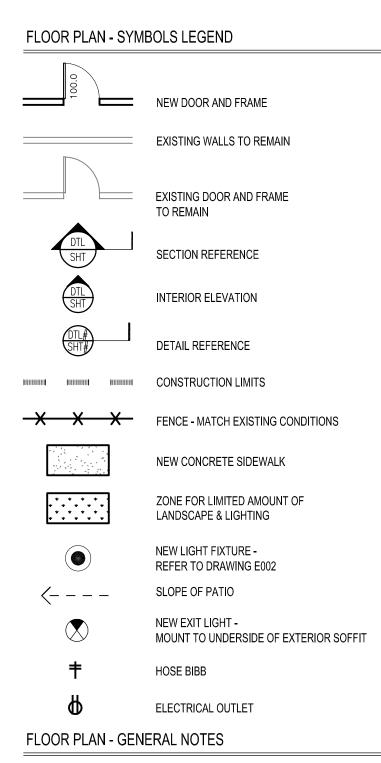
FLOOR PLAN - SYMBOLS LEGEND



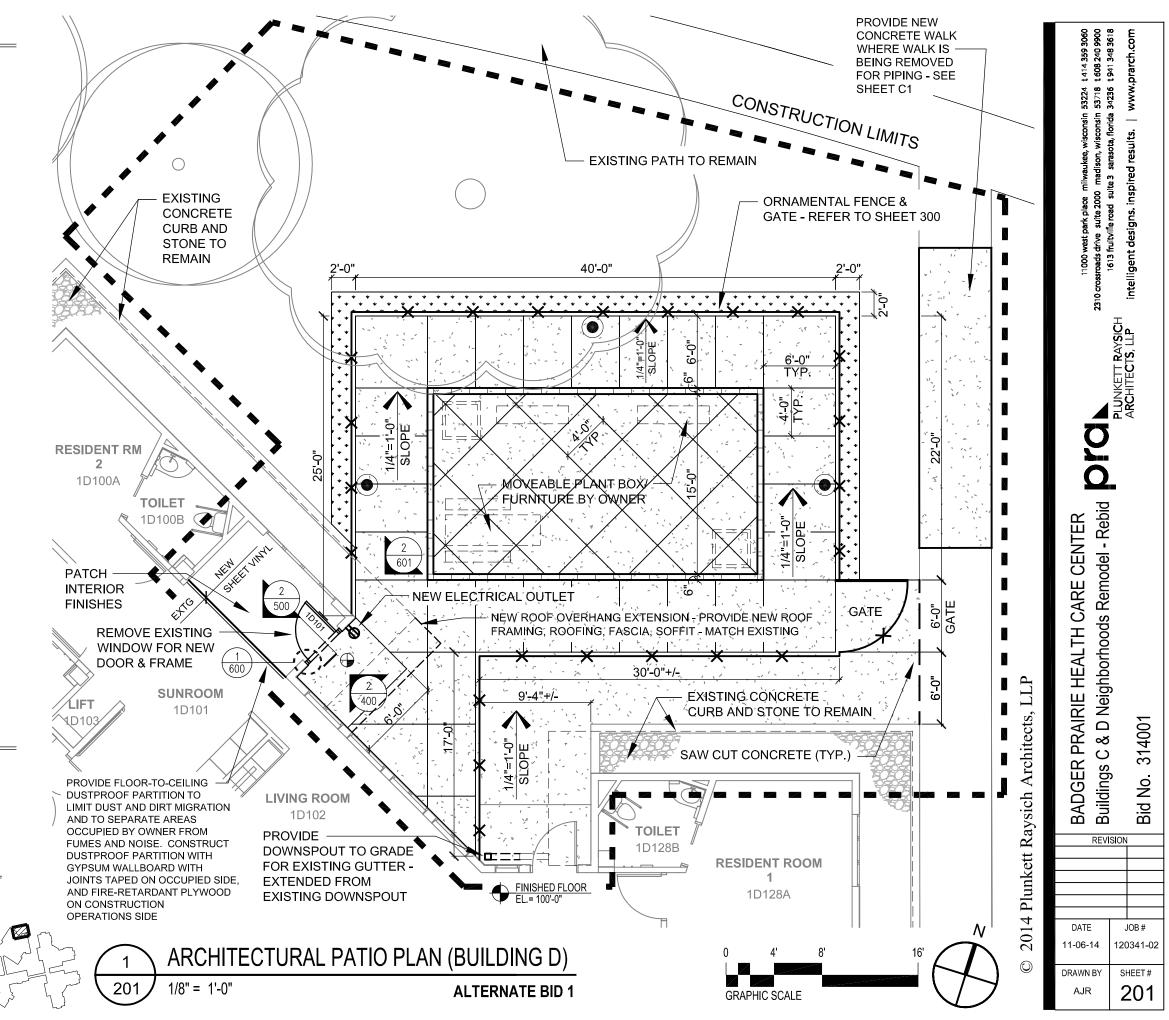
FLOOR PLAN - GENERAL NOTES



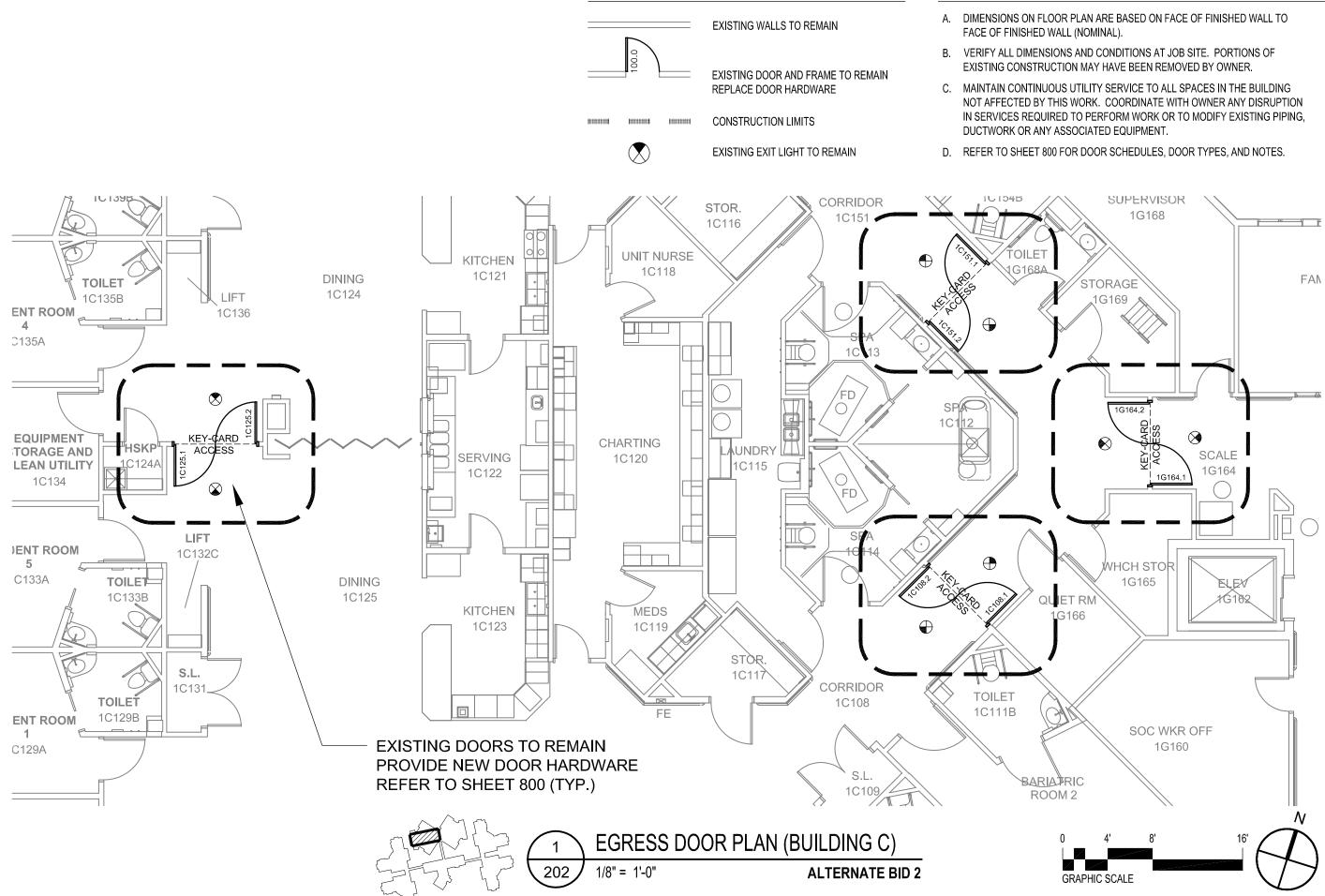
0



- A. DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL (NOMINAL).
- B. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.
- C. MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING NOT AFFECTED BY THIS WORK. COORDINATE WITH OWNER ANY DISRUPTION IN SERVICES REQUIRED TO PERFORM WORK OR TO MODIFY EXISTING PIPING, DUCTWORK OR ANY ASSOCIATED EQUIPMENT.
- D. REFER TO SHEET 800 FOR DOOR SCHEDULES, DOOR TYPES, AND NOTES.



FLOOR PLAN - SYMBOLS LEGEND



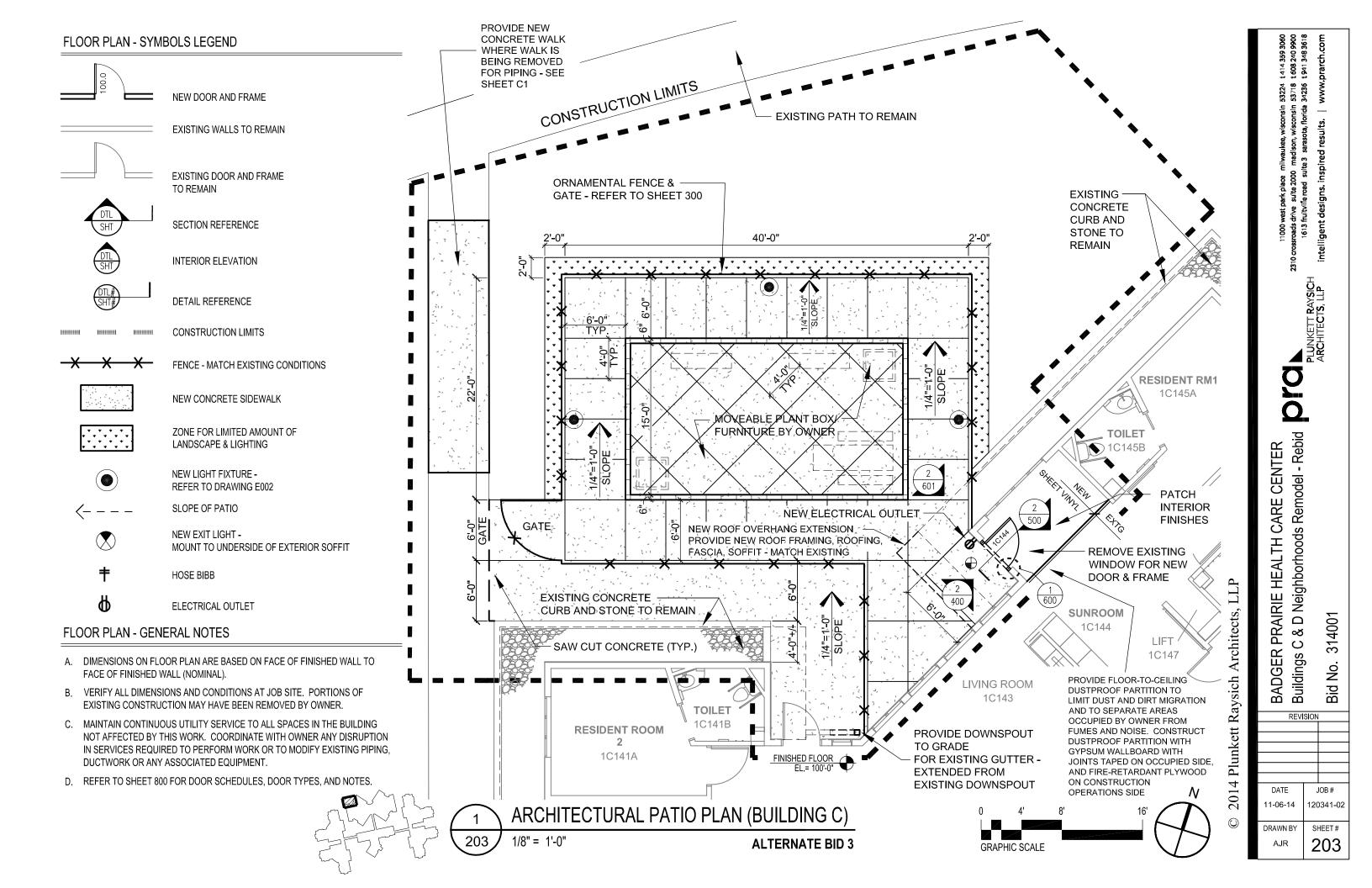
FLOOR PLAN - GENERAL NOTES

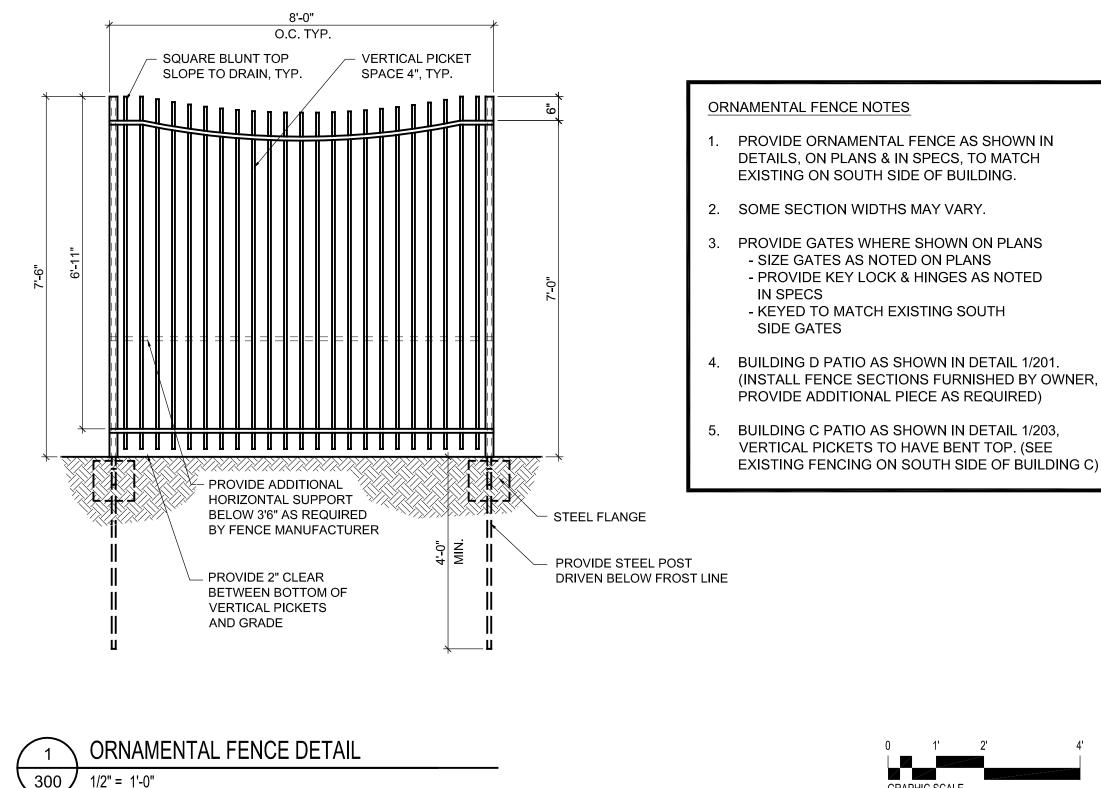


Raysich Architects, LLP

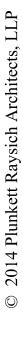
2014 Plunkett

0



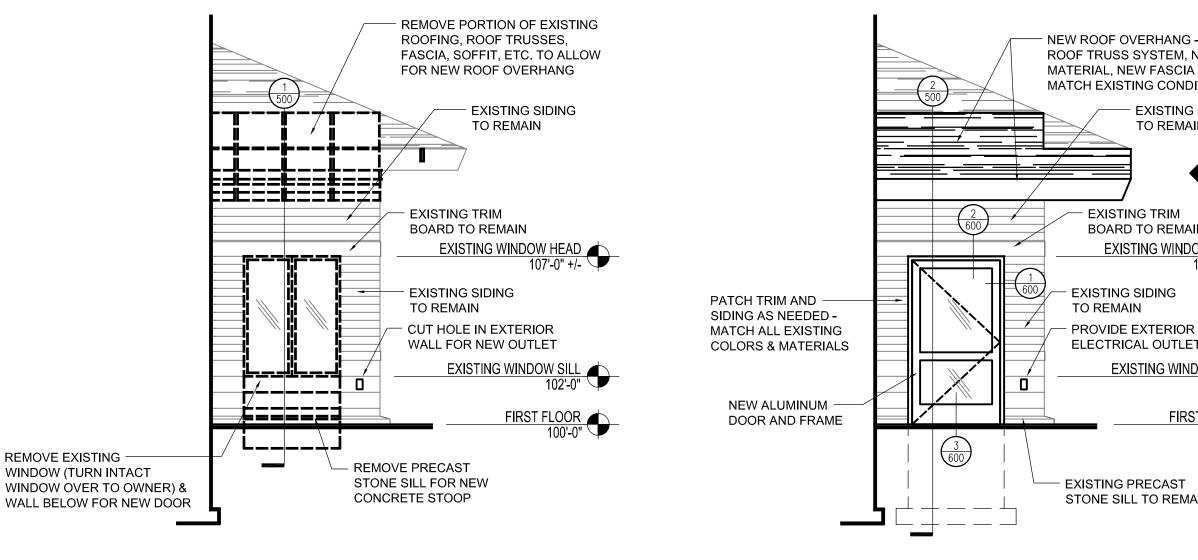








GENERAL NOTES:







1 - MIRROR ELEVATIONS AS PART OF ALTERNATE BID 3 (BLDG 'C')

NEW ROOF OVERHANG - INSTALL NEW ROOF TRUSS SYSTEM, NEW ROOFING MATERIAL, NEW FASCIA & SOFFIT -MATCH EXISTING CONDITIONS

> EXISTING SIDING TO REMAIN



BOARD TO REMAIN EXISTING WINDOW HEAD 107'-0" +/-

ELECTRICAL OUTLET

EXISTING WINDOW SILL 102'-0" 🗸

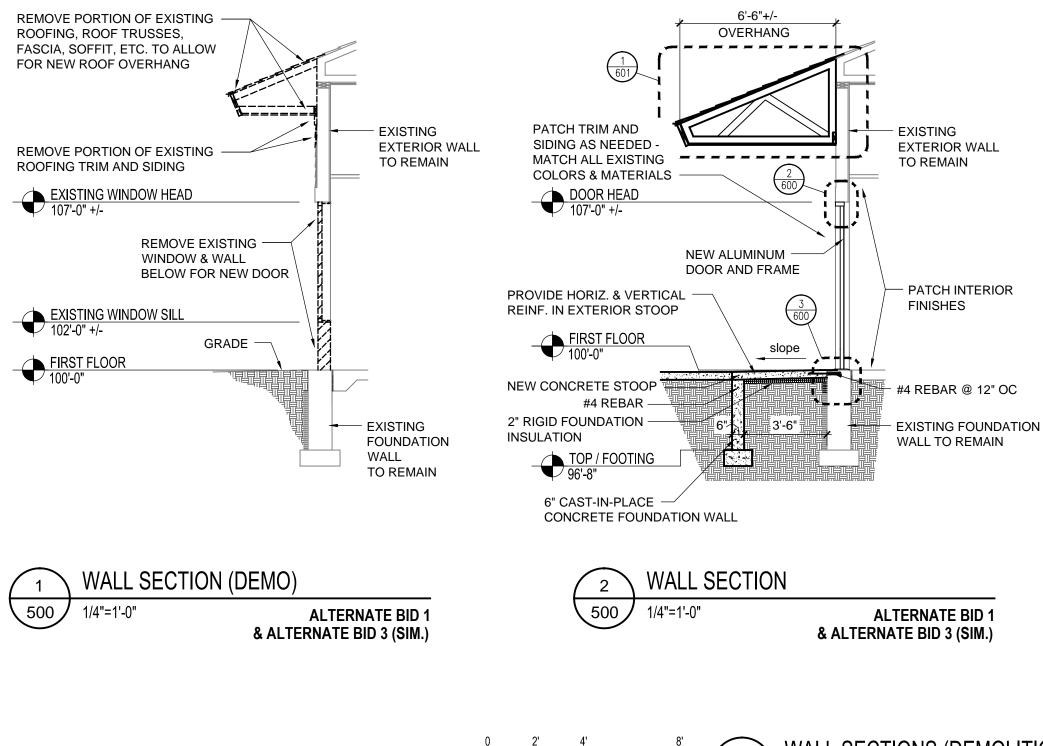
FIRST FLOOR 100'-0"

STONE SILL TO REMAIN

BUILDING D - ALTERNATE BID 1 BUILDING C - ALTERNATE BID 3 (SIM.)



1 2310 cross	I	ARCHITECTS, LLF intelligent designs, inspired results. www.prarch.com
ARE CENTER Remodel - Rebid		AK
HEALTH C	5	01
BADGER PRAIRIE Buildings C & D Neic	SION	Bid No. 31400
DATE		OB #
11-06-14		341-02
DRAWN BY AJR		1EET # -00



GRAPHIC SCALE

WALL SECTIONS (DEMOLITION & NEW)

500

10 11:006 Ē. BADGER PRAIRIE HEALTH CARE CENTER Buildings C & D Neighborhoods Remodel - Rebid DTG ARANSICH 314001 Bid No. REVISION DATE JOB #

23 1985 E

LLP Raysich Architects, Plunkett I 2014 \odot

11-06-14

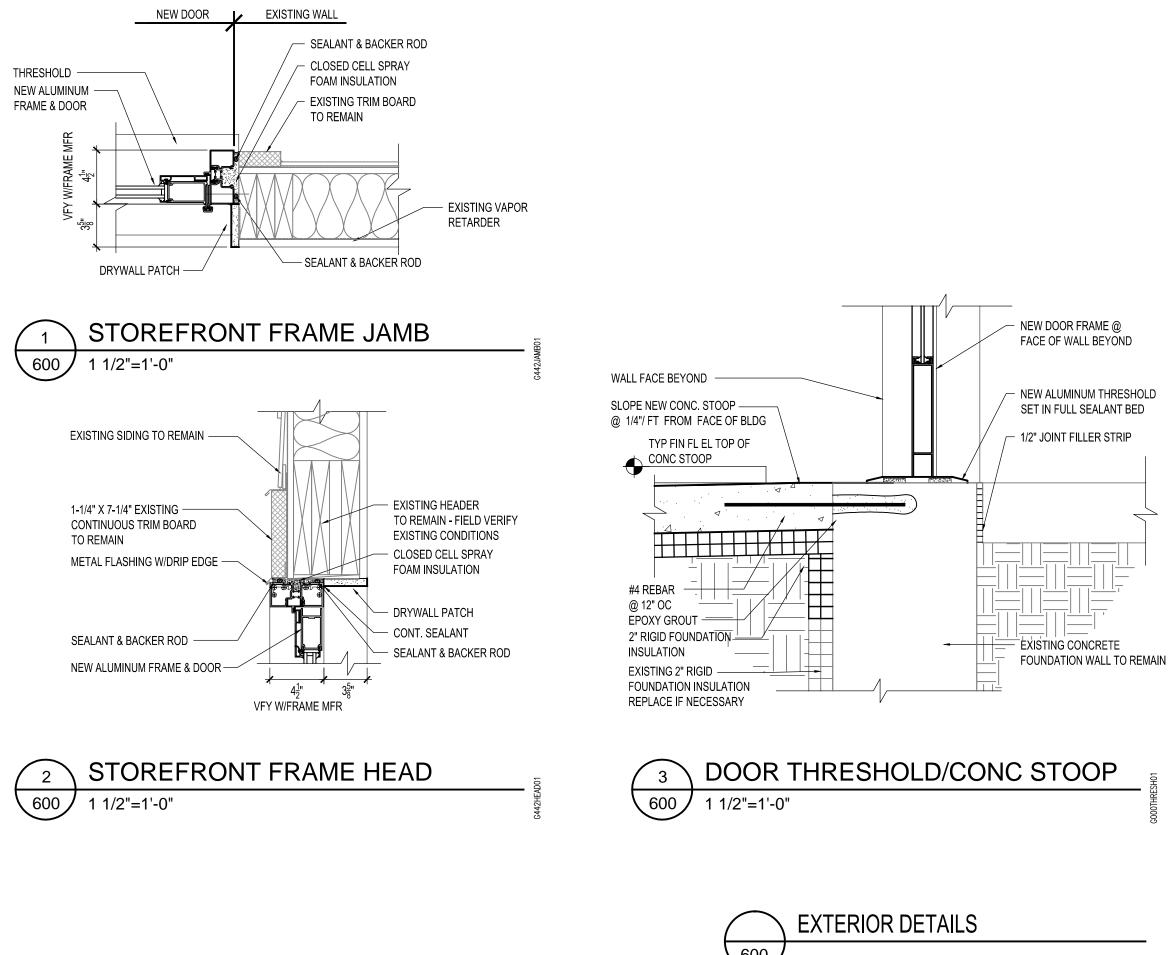
DRAWN BY

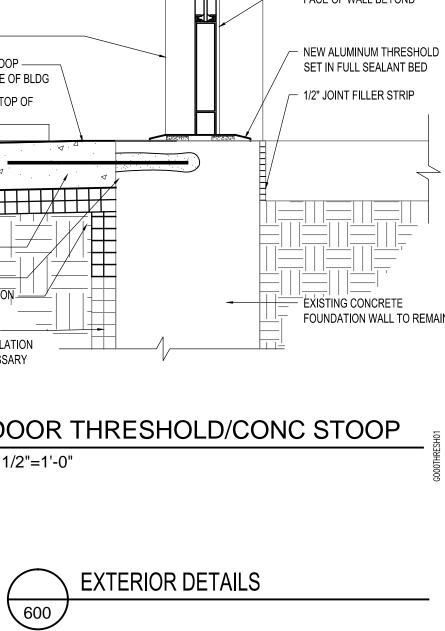
AJR

120341-02

SHEET #

500







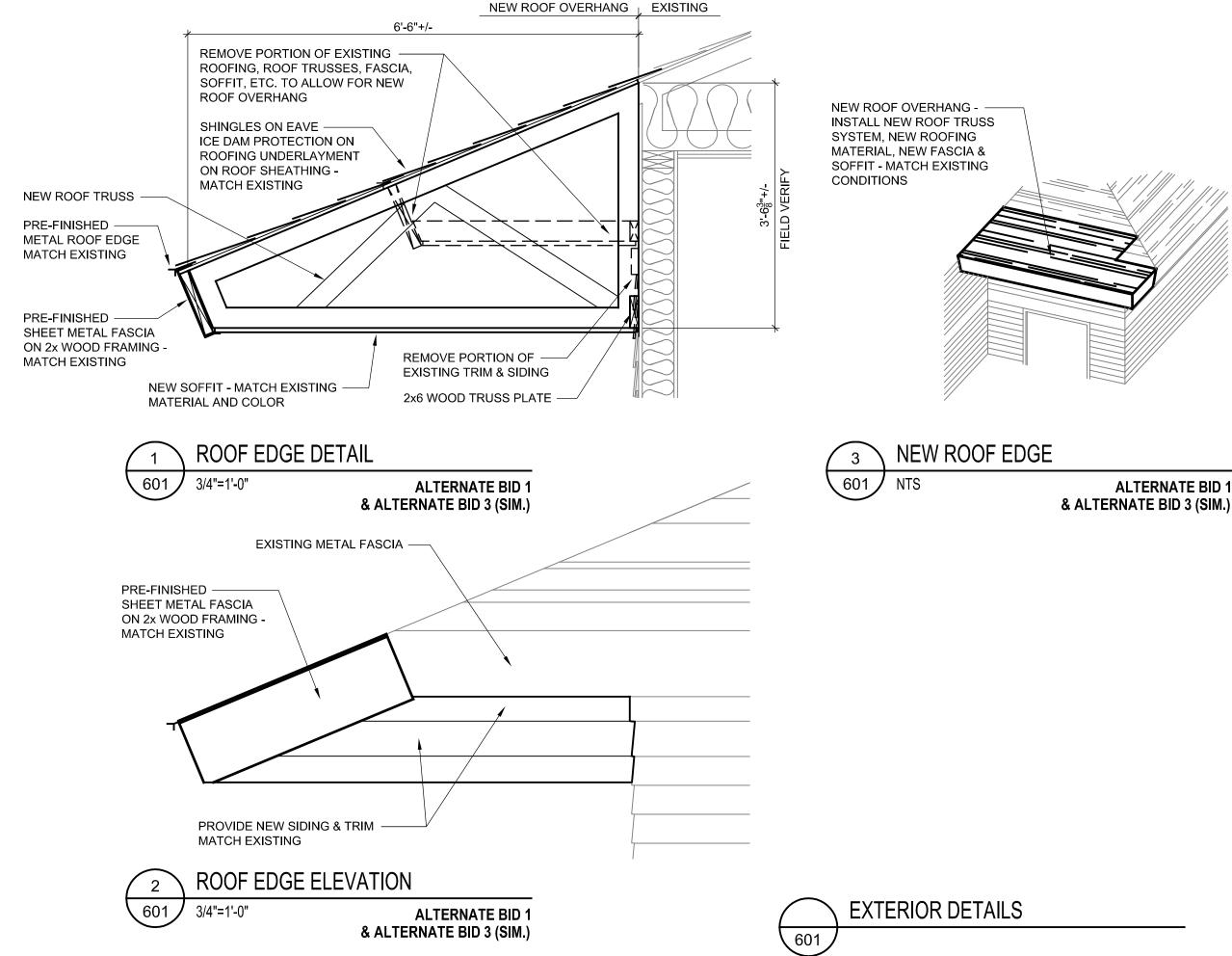
LLP

Raysich Architects,

Plunkett]

2014

 \odot





53224 53718 34236

prarch.coi

WWW

intelligent designs. inspired results.

suite 3

roads drive 1613 fruitvil

80

2014 Plunkett Raysich Architects, LLP \odot

Project: Badger Prairie Health Care Center — Buildings C & D Neighborhoods Remodel								Project No. 120341-0		120341-02		
DOOR	ROOM	ROOM NAME			DOOR				FRAME	Hdwre	Ass'y	NOTES
NO.	NO.		Size (W x H)	Туре	Mat'l	Finish	Glass	Mat'l	Finish	Group	Rating	
1C108.1	1C108	CORRIDOR	EXTG	-	-	-	_	-	-	HG-1	-	2, 5
1C108.2	1C108	CORRIDOR	EXTG	-	-	-	_	_	_	HG-1	-	2, 5
1C125.1	1C125	DINING	EXTG	-	-	-	_	-	-	HG-1	-	2, 5
1C125.2	1C125	DINING	EXTG	-	-	-	-	_	-	HG-1	_	2, 5
1C144	1C144	SUN ROOM	3-4 X 6-10	E	ALUM	-	IGT	ALUM F14	ALUM	HG-2	_	1, 2, 6
1C151.1	1C151	CORRIDOR	EXTG	-	-	-	-	_	_	HG-1	-	2, 5
1C151.2	1C151	CORRIDOR	EXTG	-	-	-	-	_	-	HG-1	-	2, 5
1D101	1D101	SUN ROOM	3-4 X 6-10	E	ALUM	_	IGT	ALUM F14	ALUM	HG-2	_	1, 2, 4
1D108.1	1D108	CORRIDOR	EXTG	-	-	_	_	_	_	HG-1	_	2, 3
1D108.2	1D108	CORRIDOR	EXTG	-	-	-	-	_	-	HG-1	-	2, 3
1D124.1	1D124	DINING	EXTG	-	-	-	-	_	-	HG-1	-	2, 3
1D124.2	1D124	DINING	EXTG	-	-	-	_	_	_	HG-1	-	2, 3
1D151.1	1D151	CORRIDOR	EXTG	-	-	-	_	-	-	HG-1	-	2, 3
1D151.2	1D151	CORRIDOR	EXTG	-	-	-	-	_	-	HG-1	_	2, 3
1G164.1	1G164	CORRIDOR	EXTG	-	-	-	-	_	_	HG-1	_	2, 5
1G164.2	1G164	CORRIDOR	EXTG	-	-	_	-	_	_	HG-1	-	2, 5
1G175.1	1G175	CORRIDOR	EXTG	-	_	_	-	-	-	HG-1	-	2, 3
1G175.2	1G175	CORRIDOR	EXTG	-	-	-	-	_	_	HG-1	_	2, 3

NOTES:

FIELD VERIFY EXACT DIMENSIONS OF OPENING FOR NEW DOOR. SIZE PROVIDED IS APPROXIMATE 1

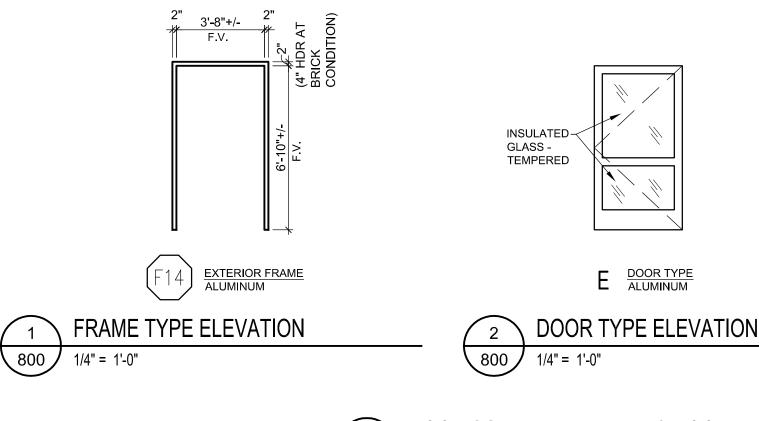
NEW HARDWARE TO EXISTING DOOR. SEE DOOR HARDWARE SPECIFICATION SECTION 08 71 00 2

BASE BID 3

> 4 ALTERNATE NO. 1

5 ALTERNATE NO. 2

ALTERNATE NO. 3 6



800

DOOR SCHEDULE, FRAME & DOOR TYPE ELEVATIONS

2014 Plunkett Raysich Architects, LLP \odot

2310 Cross	Т	ARCHITECTS, LLF intelligent designs, inspired results. www.prarch.com
BADGER PRAIRIE HEALTH CARE CENTER Buildings C & D Neighborhoods Remodel - Rebid	•	Bid No. 314001
DATE 11-06-14 DRAWN BY AJR	J 120	OB # 1341-02 HEET # 200

ELECTRICAL DEMOLITION NOTES:

- THE ELECTRICAL DRAWINGS INDICATE EXISTING ELECTRICAL ITEMS TO BE REMOVED. THE 1 DRAWINGS ARE INTENDED TO INDICATE THE SCOPE OF WORK REQUIRED AND DO NOT INDICATE EVERY BOX, CONDUIT, OR WIRE THAT MUST BE REMOVED. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID AND VERIFY EXISTING CONDITIONS.
- ELECTRICAL ITEMS (i.e., RECEPTACLES, SWITCHES, ETC.) REMOVED AND NOT RELOCATED 2. REMAIN THE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF MATERIAL THE OWNER DOES NOT WANT TO REUSE OR RETAIN (i.e., FOR MAINTENANCE PURPOSES).
- THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE OWNER BEFORE TURNING OFF POWER 3. TO CIRCUITS, FEEDERS, PANELS, ETC. COORDINATE ALL OUTAGES WITH OWNER. CONDUIT CONCEALED IN WALL CONSTRUCTION MAY BE ABANDONED IN PLACE IF NOT AFFECTED BY OTHER CONSTRUCTION.
- 4 WHERE SWITCHES, RECEPTACLES, ETC., ARE BEING REMOVED ALL ASSOCIATED CONDUIT AND WIRE BACK TO THE PANELBOARD OR FEEDER JUNCTION BOX SERVING THE DEVICE SHALL ALSO BE REMOVED, UNLESS THE CONDUIT CAN BE REUSED FOR NEW CONDUCTORS.
- THIS CONTRACTOR SHALL COORDINATE ALL HIS WORK WITH OTHER CONTRACTORS AT THE 5 JOB SITE BEFORE REMOVING EXISTING ELECTRICAL AND INSTALLING NEW ITEMS.
- EXISTING CONDUIT IN GOOD CONDITION, MAY BE REUSED IN PLACE. RELOCATED EXISTING 6. CONDUIT SHALL NOT BE ALLOWED. BONDING CONDUCTORS SHALL BE INSTALLED IN ALL REUSED CONDUIT TO ASSURE PROPER GROUND PATH.
- EQUIPMENT REMOVAL IN CERTAIN LOCATIONS MAY REQUIRE THE INSTALLATION OF A 7. JUNCTION BOX TO RECONNECT CIRCUITS THAT REMAIN IN OPERATION. EXTEND CONDUIT AND WIRING AS REQUIRED TO MAINTAIN POWER TO REMAINING EQUIPMENT.
- CONTRACTOR SHALL REMOVE AND INSTALL ALL CEILING TILES AS REQUIRED FOR THE 8. EXECUTION OF ELECTRICAL WORK THAT IS OUTSIDE THE CONTRACT LIMITS OF CONSTRUCTION. CONTRACTOR SHALL REPLACE CEILING TILES WITH IDENTICAL MATERIAL WHERE DAMAGED BY THIS CONTRACTOR.

ELECTRICAL INSTALLATION NOTES:

- THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADAAG (AMERICANS WITH DISABILITIES 1. ACT ACCESSIBILITY GUIDELINES).
- CIRCUIT NUMBERS ARE SHOWN FOR CIRCUIT IDENTIFICATION. CIRCUITING SHALL AGREE WITH NUMBERING 2. ON THE PANEL PROVIDED. COMMON NEUTRALS MAY NOT BE USED FOR BRANCH CIRCUITS. BALANCE THE LOAD ON PANEL AS EVENLY AS POSSIBLE BETWEEN EACH PHASE.
- 3. A #12 MINIMUM GREEN INSULATED GROUND CONDUCTOR SHALL BE INSTALLED WITH CIRCUIT CONDUCTORS TO ALL BRANCH CIRCUITS.
- CONCEAL ALL CONDUIT IN WALLS. PARTITIONS, ABOVE CEILING, AND IN FLOOR SLAB, ETC, UNLESS 4 OTHERWISE INDICATED ON THE PLANS OR IN THE SPECIFICATIONS. CONDUIT IN MECHANICAL ROOMS, AND STORAGE ROOMS WITHOUT CEILINGS MAY BE EXPOSED ON BUILDING STRUCTURE.
- BOXES LOCATED ON OPPOSITE SIDES OF NON-RATED WALLS SHALL BE OFFSET A MINIMUM OF 6" 5. HORIZONTALLY. BOXES ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE OFFSET A MINIMUM OF 24" HORIZONTALLY. "THRU-THE-WALL" BOXES SHALL NOT BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.
- ELECTRICAL AND TELECOMMUNICATIONS EQUIPMENT SHALL BE MOUNTED TO AVOID IMPEDANCE OF 6. OPERATION OF AND/OR ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE 7. REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS.
- ALL MATERIALS USED TO SEAL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE TESTED AND 8. CERTIFIED AS A SYSTEM PER ASTM E814 STANDARDS FOR FIRE TESTS OF THROUGH-PENETRATION FIRESTOPS.

GENERAL ELECTRICAL NOTES:

1.	"1/E100"	INDICATES DETAIL NUMBER/SHEET NUMBER.
2.	#	INDICATES KEYED NOTE USED TO DESCRIBE ADDITIONAL INFO TO THE SHEET AND/OR DETAIL IT IS SHOWN WITH.
3.		ALL ELECTRICAL CONDUCTORS SHALL BE COPPER.
4.	-//_	- INDICATES NUMBER OF WIRES IN CONDUIT.
		GROUND WIRE NEUTRAL WIRE PHASE WIRE
5.		ABBREVIATION KEY: E.C. ELECTRICAL CONTRACTOR T.C. TELECOMMUNICATIONS CONTRACTOR G.C. GENERAL CONTRACTOR AFF ABOVE FINISHED FLOOR C CONDUIT TYP TYPICAL +#" MOUNTING HEIGHT FROM FINISHED FLOOR TO
6.		LINE TYPE KEY:
		Method States and the second secon
		NEW WORK BY OTHERS AND/OR EXISTING TO REMA
		EXISTING TO BE REMOVED BY THIS CONTRACTOR

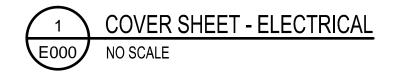
ALTERNATES

BASE BID: UNIT 'D' SECURITY DOOR **OPERATION AS INDICATED WITHIN** CONSTRUCTION DOCUMENTS.

ALTERNATE NO. 1: UNIT 'D' EXTERIOR PATIO AS INDICATED WITHIN CONSTRUCTION DOCUMENTS.

ALTERNATE NO. 2: UNIT 'C' SECURITY DOOR **OPERATION AS INDICATED WITHIN** CONSTRUCTION DOCUMENTS.

ALTERNATE NO. 3: UNIT 'C' EXTERIOR PATIO AS INDICATED WITHIN CONSTRUCTION DOCUMENTS





RMATION OF WORK REQUIRED. SPECIFIC

O CENTERLINE

NE)

THIS CONTRACTOR

AIN (LIGHT SOLID LINE)

	W W Built SMARTER.®
DIG	PLUNKETT RAYSICH ARCHITECTS, LLP
BADGER PRAIRIE HEALTH CARE CENTER Buildings C & D Neighborhoods Remodel - Rebid	Bid No. 314001
REV CONSTRUCT	SION ON DATE
DATE	JOB #
11-06-14	120341-02
11-06-14	

GENERAL ELECTRICAL EQUIPMENT SCHEDULE

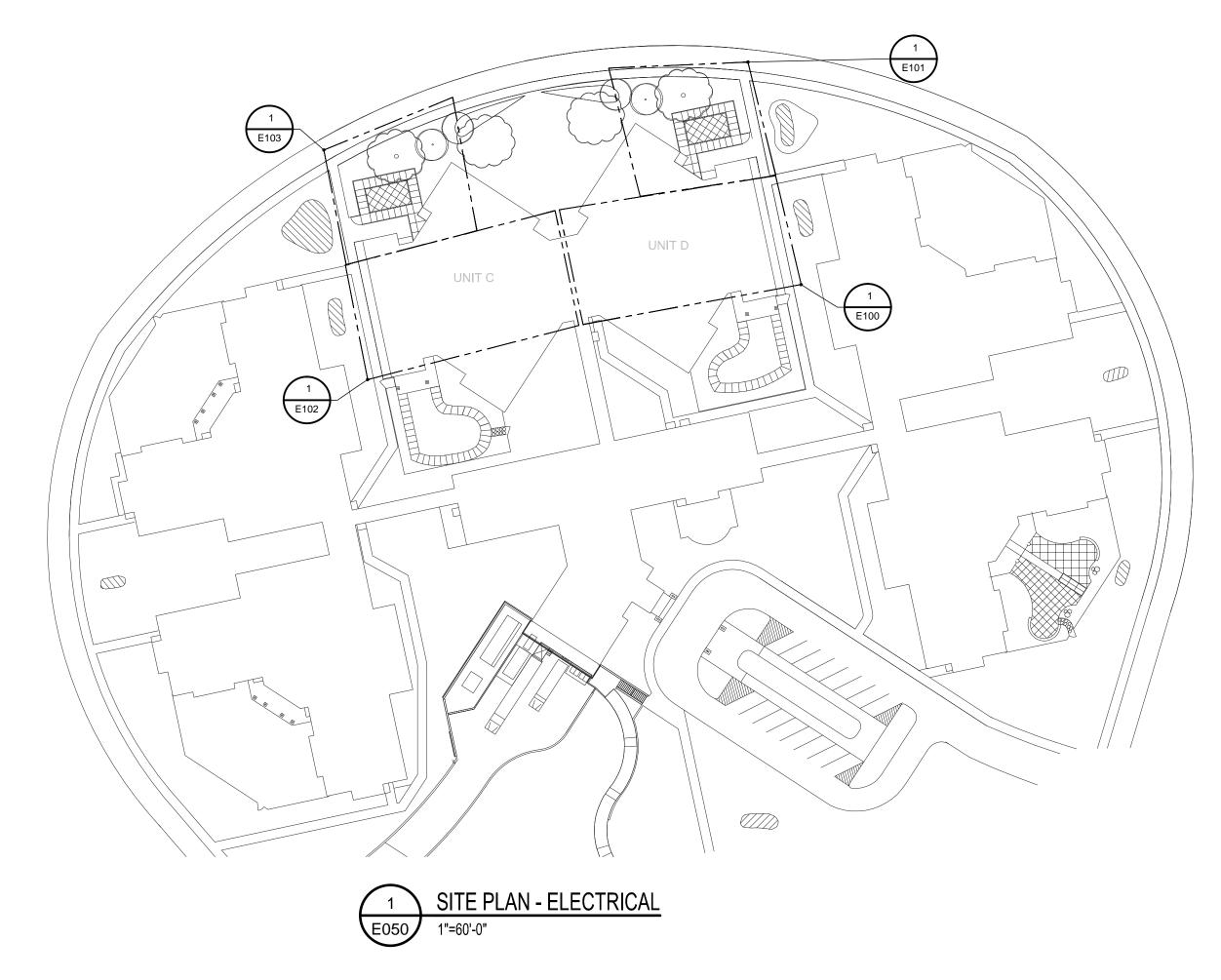
THE SYMBOLS AND THE EQUIPMENT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A SATISFACTORY WORKING SYSTEM.

CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLETE DESCRIPTION OF THE MATERIAL ON THESE DRAWINGS AND SPECIFICATIONS. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN. "STANDARD COLOR" INDICATES FACTORY FINISH AVAILABLE AT NO ADDITIONAL CHARGE.

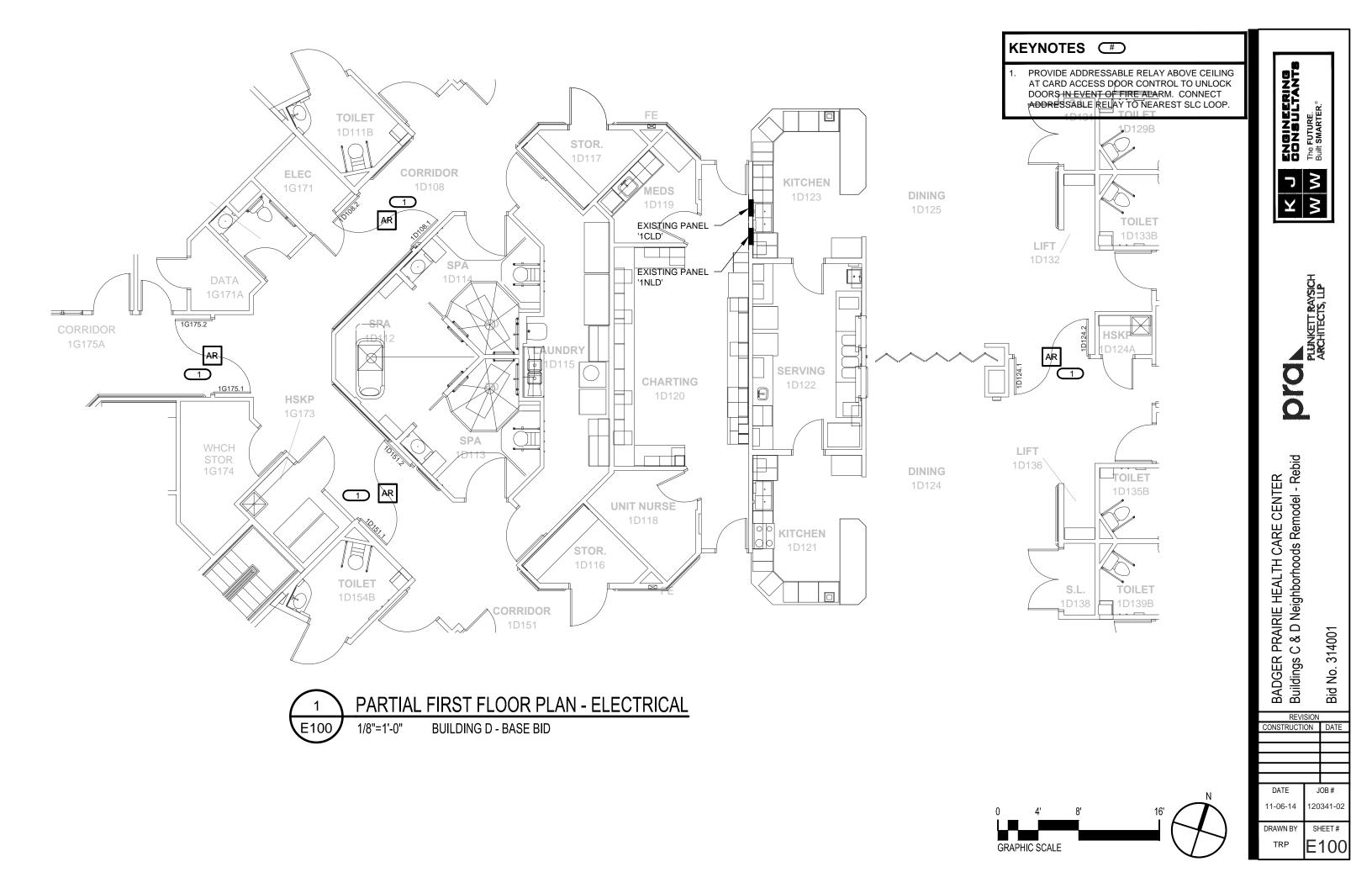
ITEM NO.	SYMBOL	DESCRIPTION	APPROVED MANUFACTURERS
1	DEVICE COLOR	ALL SWITCH, RECEPTACLE, OUTLET, AND COVERPLATE COLORS SHALL MATCH EXISTING, UNLESS INDICATED OTHERWISE.	HUBBELL LEVITON PASS & SEYMOUR COOPER
2	COVER PLATES	ALL SWITCHES, RECEPTACLES, AND OUTLETS SHALL BE COMPLETE WITH UNBREAKABLE THERMOPLASTIC COVERPLATES IN FINISHED SPACES WHERE WALLS ARE FINISHED; #302 STAINLESS STEEL COVERPLATES IN UNFINISHED SPACES FOR FLUSH BOXES; AND GALVANIZED STEEL COVERPLATES IN UNFINISHED SPACES FOR SURFACE MOUNTED BOXES. WHERE SEVERAL DEVICES ARE GANGED TOGETHER, THE COVER PLATE SHALL BE OF THE GANGED STYLE FOR THE NUMBER OF DEVICES USED.	HUBBELL LEVITON PASS & SEYMOUR COOPER
3	AR	FIRE ALARM ADDRESSABLE RELAY CONSISTING OF AN ADDRESSABLE CONTROL MODULE AND SLAVE RELAY WITH CONTACTS SUITABLE FOR CONTROLLING THE DESIGNATED AUXILIARY LOAD, 24 VDC, 4-WIRE OPERATION. PROVIDE A SURFACE ENCLOSURE WHERE LOCATED ABOVE CEILING OR IN UNFINISHED SPACE. PROVIDE A FLUSH ENCLOSURE IN FINISHED SPACE.	TO BE COMPATIBLE WITH GAMEWELL FCI E3 SERIES FIRE ALARM SYSTEM
4	Q ^w	RECEPTACLE, GROUND FAULT DUPLEX, WEATHER RESISTANT, WEATHERPROOF COVERPLATE, 125 VOLT, 20 AMP, 3 WIRE GROUNDING TYPE, N.E.M.A. 5-20R. TEST AND RESET BUTTONS IN IMPACT RESISTANT THERMOPLASTIC FACE, NEMA 3R RATED WHILE IN USE, CLEAR, NON-LOCKING, STANDARD DEPTH, VERTICAL MOUNT.	HUBBELL GFTR20/RW57300 LEVITON W7899-TR/5977-CL PASS & SEYMOUR 2095TRWR/WIUC10-C COOPER TWRVGF20/WIU-1

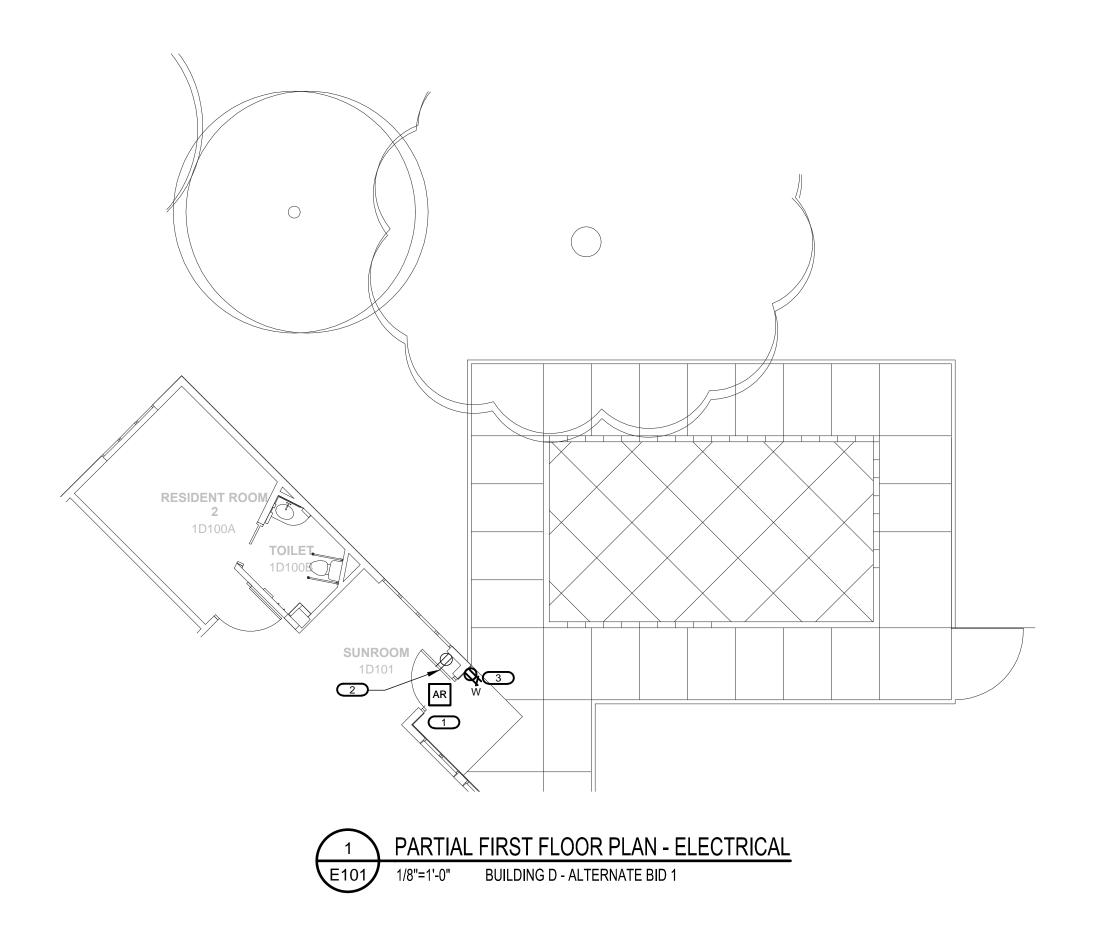


Market RANKE HEALTH CARE CENTER BADGER PRAIRIE HEALTH CARE CENTER Buildings C & D Neighborhoods Remodel - Rebid MUN MUN </th <th>BADGER PRAIRIE HEALTH CARE CENTER BADGER PRAIRIE HEALTH CARE CENTER Buildings C & D Neighborhoods Remodel - Rebid Indication <td< th=""></td<></th>	BADGER PRAIRIE HEALTH CARE CENTER BADGER PRAIRIE HEALTH CARE CENTER Buildings C & D Neighborhoods Remodel - Rebid Indication Indication <td< th=""></td<>
BADGER PRAIRIE HEALTH CARE CENTER BADGER PRAIRIE HEALTH CARE CENTER Buildings C & D Neighborhoods Remodel - Rebid International State International Sta	BADGER PRAIRIE HEALTH CARE CENTER BADGER PRAIRIE HEALTH CARE CENTER Buildings C & D Neighborhoods Remodel - Rebid Bid No. 314001 Bid No. 314001 Bid No. 314001
BADGER PRAIRIE HEALTH CARE BADGER PRAIRIE HEALTH CARE BADGER PRAIRIE HEALTH CARE Buildings C & D Neighborhoods Rer SMM Part Buildings C & D Neighborhoods Rer Bate 11-06-14 11-06-14 11-06-14 100-100-14 100	DATE 11-06-14 Bid No. 314001 Bid No. 314001 DRAMN BK C & D Neighborhoods Rer Buildings C & D Neighborhoods Rer Buildings C & D Neighborhoods Rer Bid No. 314001 Bid No. 314001
Image: marked bit with the second bit with	DATE JOB # 11-06-14 120341-02 DRAWN BY SHEET #
11-06-14 120341-02 DRAWN BY SHEET #	11-06-14 120341-02 DRAWN BY SHEET #
11-06-14 120341-02 DRAWN BY SHEET #	11-06-14 120341-02 DRAWN BY SHEET #
DRAWN BY SHEET #	DRAWN BY SHEET #







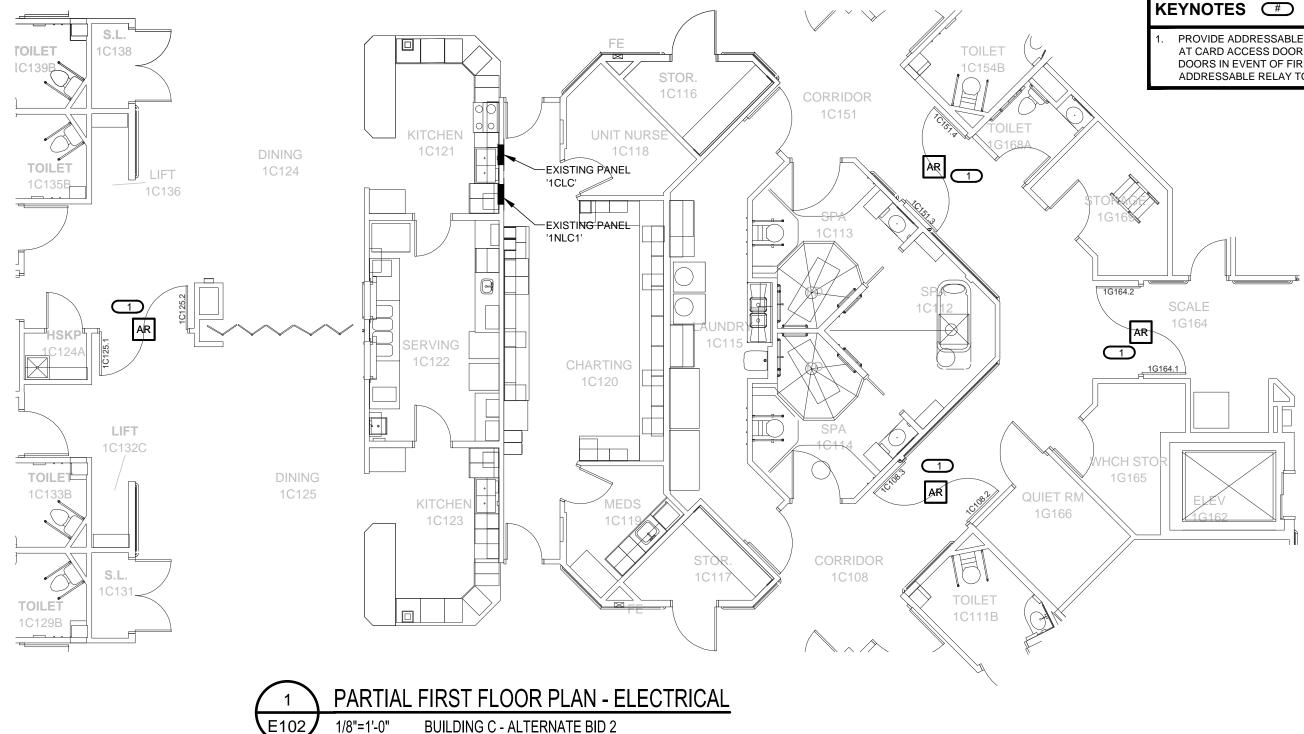




KEYNOTES 🖅

- 1. PROVIDE ADDRESSABLE RELAY ABOVE CEILING AT CARD ACCESS DOOR CONTROL TO UNLOCK DOORS IN EVENT OF FIRE ALARM. CONNECT ADDRESSABLE RELAY TO NEAREST SLC LOOP.
- 2. RELOCATE EXISTING RECEPTACLE TO ACCOMMODATE NEW DOOR. COORDINATE EXACT LOCATION WITH OWNER/ARCHITECT.
- 3. CONNECT RECEPTACLE TO RECEPTACLE CIRCUIT NEARBY. VERIFY CIRCUIT CAPACITY PRIOR TO INSTALLATION. COORDINATE EXACT RECEPTACLE LOCATION WITH OWNER/ARCHITECT. WIRE & CONDUIT SIZE AND TYPE SHALL MATCH EXISTING.



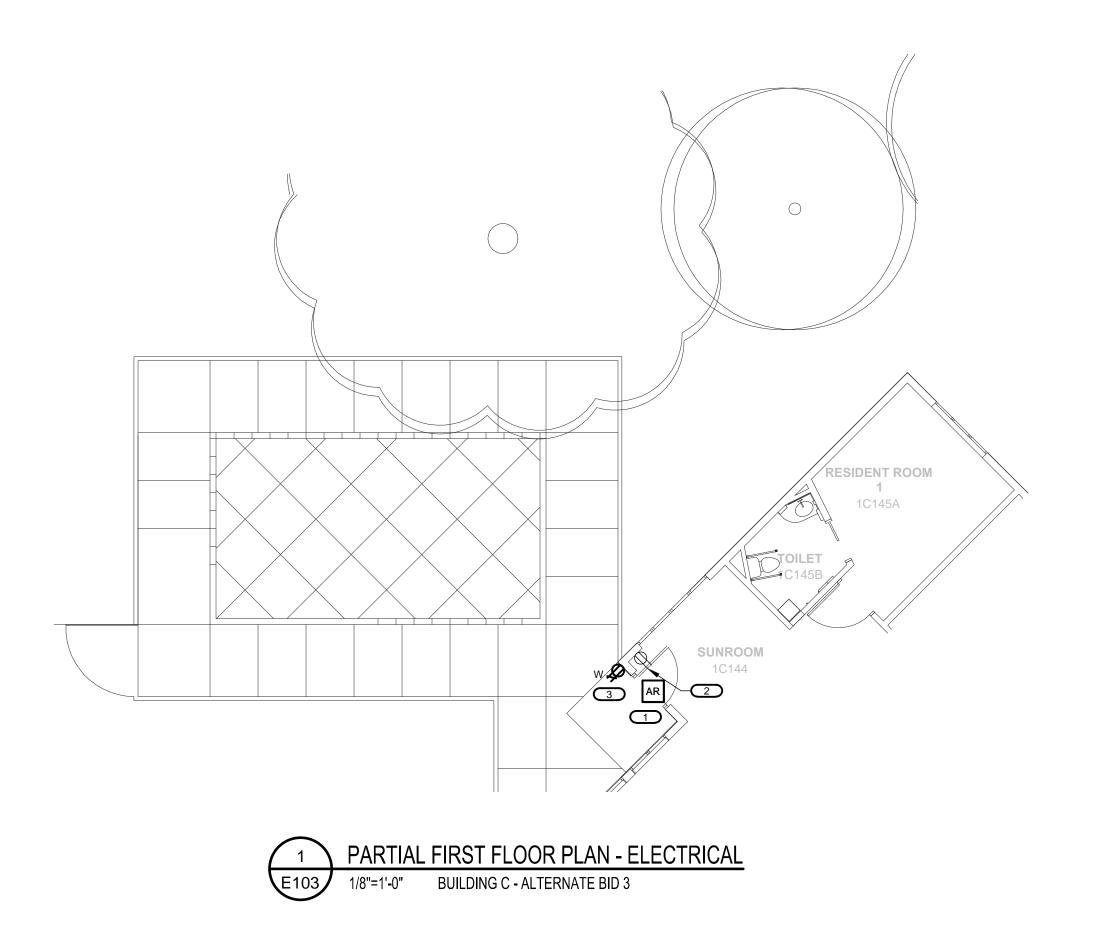




KEYNOTES (#)

PROVIDE ADDRESSABLE RELAY ABOVE CEILING AT CARD ACCESS DOOR CONTROL TO UNLOCK DOORS IN EVENT OF FIRE ALARM. CONNECT ADDRESSABLE RELAY TO NEAREST SLC LOOP.







KEYNOTES (#)

- 1. PROVIDE ADDRESSABLE RELAY ABOVE CEILING AT CARD ACCESS DOOR CONTROL TO UNLOCK DOORS IN EVENT OF FIRE ALARM. CONNECT ADDRESSABLE RELAY TO NEAREST SLC LOOP.
- 2. RELOCATE EXISTING RECEPTACLE TO ACCOMMODATE NEW DOOR. COORDINATE EXACT LOCATION WITH OWNER/ARCHITECT.
- 3. CONNECT RECEPTACLE TO RECEPTACLE CIRCUIT NEARBY. VERIFY CIRCUIT CAPACITY PRIOR TO INSTALLATION. COORDINATE EXACT RECEPTACLE LOCATION WITH OWNER/ARCHITECT. WIRE & CONDUIT SIZE AND TYPE SHALL MATCH EXISTING.



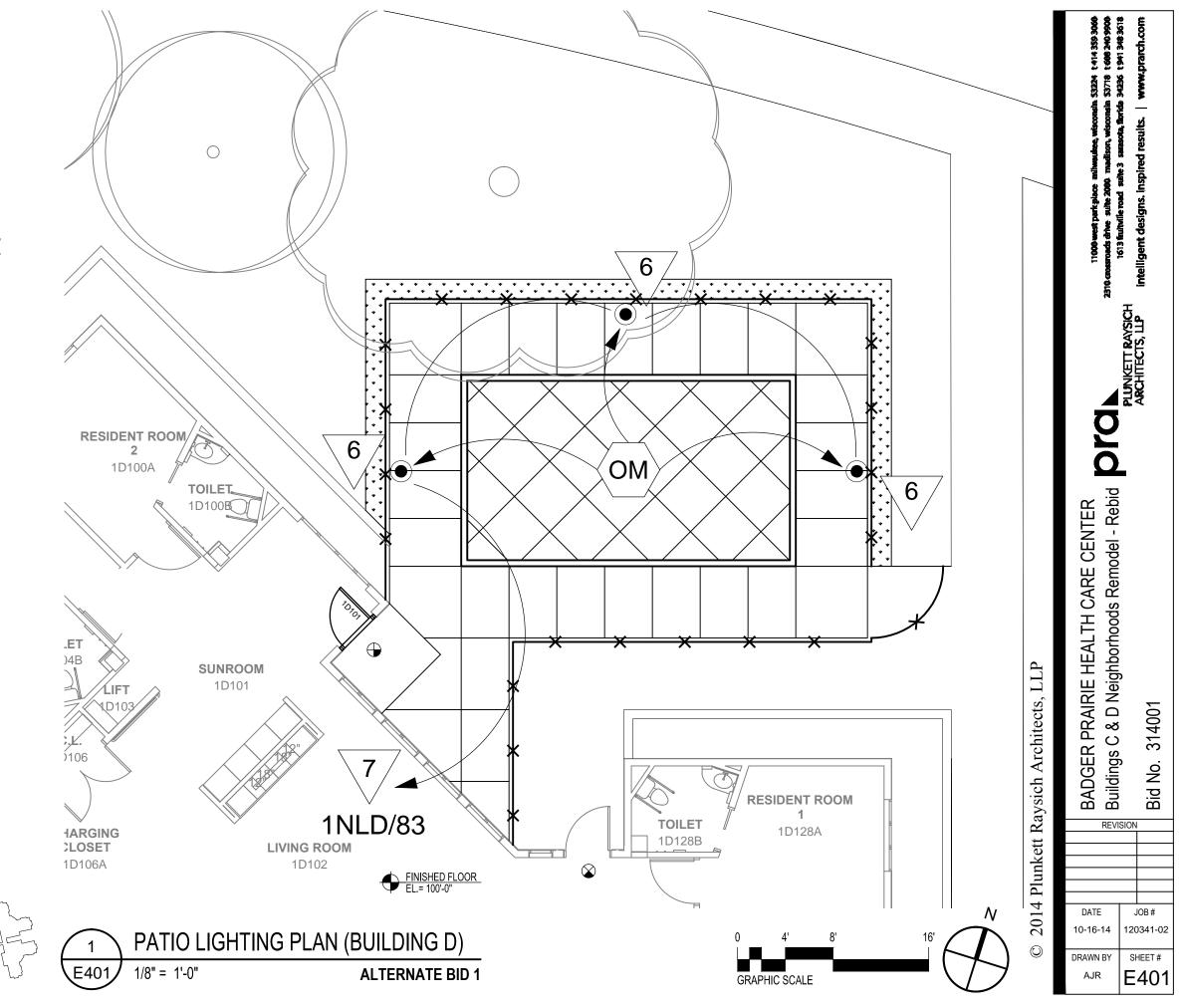
⁷ 2#12 & 1#12 GND. PROVIDE UNDERGROUND WIRE OUTDOORS AND 3/4" CONDUIT AND WIRE INSIDE. CONTROL WITH PE CELL.

⁷ PROVIDE A 120V-12VAC 50VA TRANSFORMER INSIDE THE BUILDING FOR LANDSCAPE LIGHTS, LOCATE TRANSFORMER NEAR EXTERIOR WALL ABOVE CEILING AREA.

LIGHT FI)	TURE SCHEDULE
ТҮРЕ	CONSTANT CURRENT
FIX. TYPE	ROUND TOP FIXTURE HEAD BLEDR18N
WATTS/ LAMP TYPE	18 LED, 4000K (NEUTRAL), 922 LUMENS
VOLTS	120V-277
DESCR.	LED BOLLARD, CYLINDRICAL POST WITH ROUND HEAD
MANUF./ MODEL	RAB LIGHTING BLEDR18N (BRONZE)

6

7



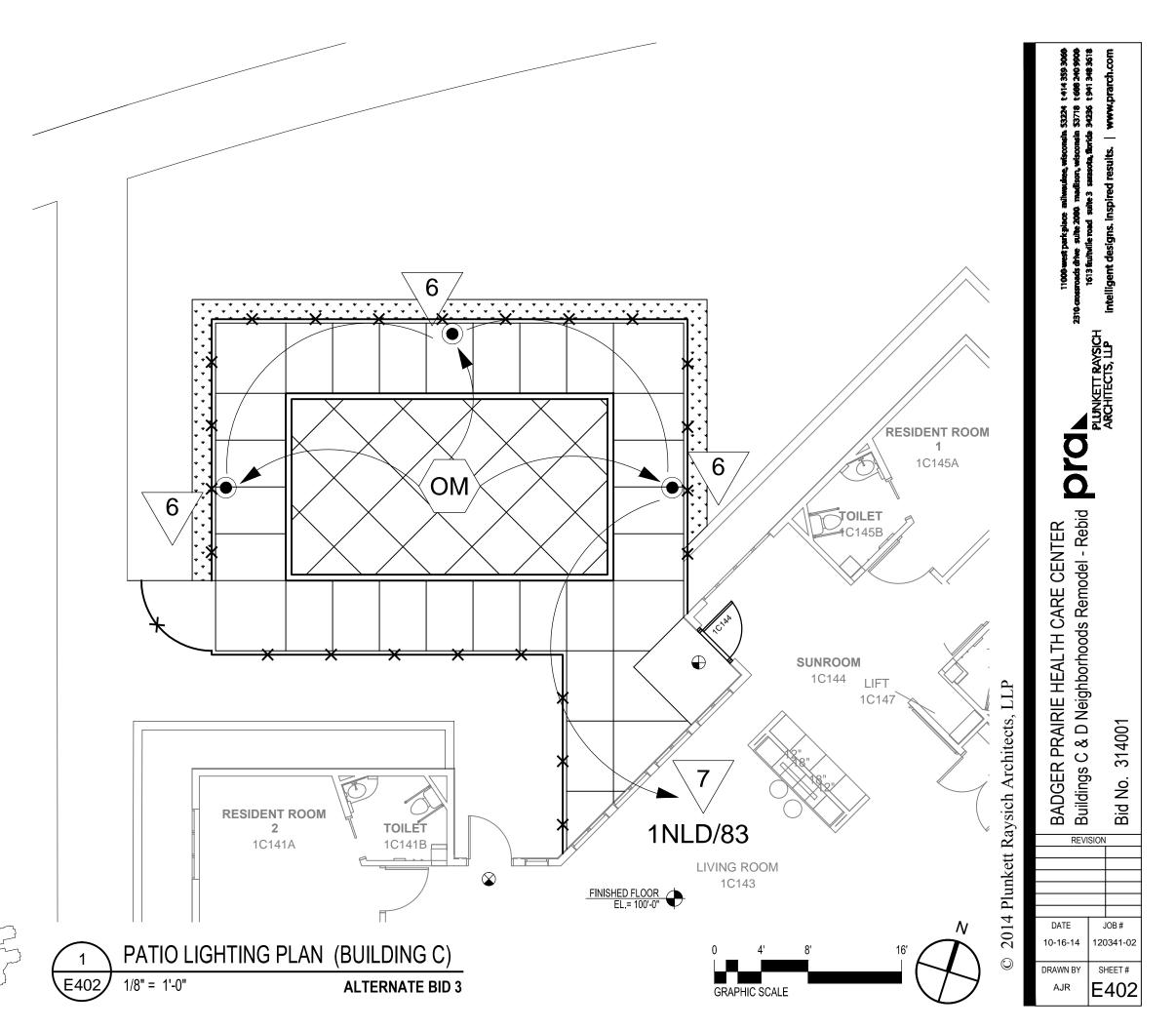
7 2#12 & 1#12 GND. PROVIDE UNDERGROUND WIRE OUTDOORS AND 3/4" CONDUIT AND WIRE INSIDE. CONTROL WITH PE CELL.

PROVIDE A 120V-12VAC 50VA TRANSFORMER INSIDE THE BUILDING FOR LANDSCAPE LIGHTS, LOCATE TRANSFORMER NEAR EXTERIOR WALL ABOVE CEILING AREA.

LIGHT FI)	TURE SCHEDULE
ТҮРЕ	CONSTANT CURRENT
FIX. TYPE	ROUND TOP FIXTURE HEAD BLEDR18N
WATTS/ LAMP TYPE	18 LED, 4000K (NEUTRAL), 922 LUMENS
VOLTS	120V-277
DESCR.	LED BOLLARD, CYLINDRICAL POST WITH ROUND HEAD
MANUF./ MODEL	RAB LIGHTING BLEDR18N (BRONZE)

6

7



GENERAL TECHNOLOGY NOTES:

- 1. "1/T100" INDICATES DETAIL NUMBER / SHEET NUMBER.
- 2 "(ACP/1)" INDICATES GENERAL TECHNOLOGY EQUIPMENT SCHEDULE ITEM IN SYMBOL
- 3. A SLASH IS USED BETWEEN TWO SUBSCRIPTS, e.g., "A/H".
- REFER TO GENERAL TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR FULL 4 DESCRIPTIONS AND MANUFACTURERS OF ALL DEVICES.
- (#) "INDICATES KEYED NOTE USED TO DESCRIBE ADDITIONAL INFORMATION OF WORK 5 REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL IT IS SHOWN WITH.

FROM FINISHED FLOOR TO CENTERLINE MOUNTING SUBSCRIPT KEY:

- TECHNOLOGY OUTLETS
 - MOUNT +6" TO CENTERLINE ABOVE COUNTER OR BACKSPLASH /A
 - /H MOUNT ORIENTED HORIZONTALLY
 - MOUNT IN CASEWORK BY OTHERS /L
 - MOUNT IN MODULAR FURNITURE BY OTHERS /M
 - /S MOUNT IN SURFACE RACEWAY BY E.C.

ABBREVIATION KEY:

- **TECHNOLOGY CONTRACTOR** T.C.
- SECURITY CONTRACTOR S.C.
- ELECTRICAL CONTRACTOR E.C.
- M.C. MECHANICAL CONTRACTOR
- GENERAL CONTRACTOR G.C.
- ABOVE FINISHED FLOOR AFF
- BFC **BELOW FINISHED CEILING** CONDUIT
- С SIM SIMII AR
- TYP
- TYPICAL +#"
- MOUNTING HEIGHT ABOVE FINISHED FLOOR J-BOX JUNCTION BOX

LINE TYPE KEY:

 NEW WORK BY THIS CONTRACTOR
(DARK SOLID LINE)
 NEW WORK UNDERFLOOR OR UNDERGROUND BY THIS CONTRACTOR
(DARK LONG DASHED LINE)
 NEW WORK BY OTHERS AND/OR EXISTING TO REMAIN
(LIGHT SOLID LINE)
 EXISTING TO BE REMOVED BY THIS CONTRACTOR
(DARK SHORT DASHED LINE)

ALTERNATES BASE BID: UNIT 'D' SECURITY DOOR

OPERATION AS INDICATED WITHIN CONSTRUCTION DOCUMENTS.

ALTERNATE NO. 1: UNIT 'D' EXTERIOR PATIO AS INDICATED WITHIN CONSTRUCTION DOCUMENTS.

ALTERNATE NO. 2: UNIT 'C' SECURITY DOOR **OPERATION AS INDICATED WITHIN** CONSTRUCTION DOCUMENTS.

ALTERNATE NO. 3: UNIT 'C' EXTERIOR PATIO AS INDICATED WITHIN CONSTRUCTION DOCUMENTS.



COVERSHEET - TECHNOLOGY τοοο NO SCALE

TECHNOLOGY INSTALLATION NOTES:

- 1. THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN. REFER TO THE ADA GUIDELINES FOR ALL CONFIGURATIONS DETAIL ON DRAWING T401 FOR ADDITIONAL INFORMATION.
- 2 CONCEAL ALL CONDUIT IN WALLS, PARTITIONS, ABOVE CEILING, IN FLOOR SLAB, ETC. UNLESS OTHERWISE INDICATED ON THE PLANS OR IN THE SPECIFICATIONS. CONDUIT IN MECHANICAL ROOMS AND STORAGE ROOMS WITHOUT CEILINGS MAY BE EXPOSED ON BUILDING STRUCTURE.
- BOXES LOCATED ON OPPOSITE SIDES OF NON-RATED WALLS SHALL BE OFFSET A MINIMUM OF 6" HORIZONTALLY. 3. BOXES ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE OFFSET A MINIMUM OF 24" HORIZONTALLY. "THRU-THE-WALL" BOXES SHALL NOT BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.
- CONTRACTOR SHALL VERIFY ALL FURNITURE, MODULAR FURNITURE, AND EQUIPMENT LOCATIONS WITH 4 ARCHITECTURAL PLANS, ELEVATIONS, AND REVIEWED SHOP DRAWINGS. PRIOR TO MAKING THE ACTUAL TELECOMMUNICATIONS INSTALLATION, THIS CONTRACTOR SHALL ADJUST OUTLETS OR CONNECTION LOCATIONS TO ACCOMMODATE FURNITURE AND/OR EQUIPMENT.
- 5. TELECOMMUNICATIONS EQUIPMENT SHALL BE MOUNTED TO ALLOW ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTING OF TELECOMMUNICATION DEVICES ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR SHALL BE APPROVED IN ADVANCE BY THE OTHER CONTRACTOR.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE 6. REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS.
- FIRESTOPPING REFERS TO THE ITEMS SPECIFICALLY ADDRESSED IN DIVISION 26 AND 28 DOCUMENTS. ALL 7. MATERIALS USED TO SEAL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE TESTED AND CERTIFIED AS A SYSTEM PER ASTM E814 STANDARDS FOR FIRE TESTS OF THROUGH-PENETRATION FIRESTOPS. REFER TO 28 05 03 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- CONTRACTOR SHALL REMOVE AND REINSTALL ALL CEILING TILES AS REQUIRED FOR THE EXECUTION OF 8 TELECOMMUNICATIONS WORK THAT IS OUTSIDE THE CONTRACT LIMITS OF CONSTRUCTION. CONTRACTOR SHALL REPLACE CEILING TILES WITH IDENTICAL MATERIAL WHERE DAMAGED BY THIS CONTRACTOR
- INCUMBENT ACCESS CONTROL SYSTEM CONTRACTOR ON SITE IS ESI. ESI SHALL BE CONTRACTED TO PERFORM 9 ALL SPECIFIED ACCESS CONTROL WORK. ESI PROJECT CONTACT IS JERRY GITLEWSKI (262) 832-1308 JERRY.GITLEWSKI@THINKESI.COM.
- 10. INCUMBENT NURSE CALL SYSTEM CONTRACTOR ON SITE IS SELECT SOUND. SELECT SOUND SHALL BE CONTRACTED TO PERFORM ALL SPECIFIED NURSE CALL WORK. SELECT SOUND PROJECT CONTACT IS MIKE BORHART (608) 826-5521 MBORHART@SELECTSOUNDSERVICE.COM.



SUGGESTED MATRIX OF SCOPE RESPONSIBILITY

ITEM	SHOWN ON	FURNISHED BY	INSTALLED BY	NOTES (SEE BELOW)
ACCESS CONTROL SYSTEM ROUGH-IN	T-SERIES	E.C.	E.C.	2, 3, 9
CONDUIT SLEEVES (WHEN SHOWN ON DRAWINGS)	T-SERIES	E.C.	E.C.	
CONDUIT SLEEVES (NOT SHOWN BUT REQUIRED FOR PROPER INSTALLATION OF SYSTEM)	N/A	T.C.	E.C.	1, 3
FIRESTOPPING	N/A	E.C.	E.C.	8
GROUNDING LUGS ON TECHNOLOGY EQUIPMENT	T-SERIES	T.C.	E.C.	5
GROUNDING SYSTEM FOR TECHNOLOGY SYSTEM	T-SERIES	E.C.	E.C.	6
CONNECTION OF TECHNOLOGY GROUND SYSTEM TO THE ELECTRICAL GROUND SYSTEM	T-SERIES	E.C.	E.C.	7
LINE VOLTAGE POWER (+120V OR GREATER)	E-SERIES	E.C.	E.C.	
LINE VOLTAGE POWER (NOT SHOWN BUT REQUIRED FOR PROPER INSTALLATION OF SYSTEM)	N/A	T.C.	E.C.	1, 3
LINE VOLTAGE POWER FOR DOOR HARDWARE POWER SUPPLIES	ARCH. DOCUMENTS	E.C.	E.C.	
LOW VOLTAGE CABLING FOR TECHNOLOGY SYSTEMS	T-SERIES	T.C.	T.C.	
BRIDLE RINGS, J-HOOKS, OR OTHER CABLE ROUTING METHODS (OTHER THAN CONDUIT AND CABLE TRAY)	T-SERIES	T.C.	T.C.	4

NOTES:

- 1. BASED ON THE INHERENT DIFFERENCES IN PRODUCTS FROM VARIOUS MANUFACTURERS, ALL REQUIRED EQUIPMENT MAY NOT BE SHOWN ON THE DRAWINGS FOR ALL ACCEPTABLE MANUFACTURERS.
- 2. INCLUDES BACKBOXES AND CONDUIT REQUIRED FOR THE TECHNOLOGY SYSTEMS INSTALLATION. THE E.C. SHALL BASE THE BID ON THE BASIS OF DESIGN SHOWN ON THE CONTRACT DOCUMENTS.
- 3. ALL CHANGES TO THE SLEEVES, BACKBOXES, CONDUITS, AND POWER REQUIRED BECAUSE OF THE T.C.'S SELECTION OF AN ALTERNATE ACCEPTABLE MANUFACTURER (OR FROM SYSTEM CONFIGURATIONS THAT ARE LEFT TO THE CHOICE OF THE CONTRACTOR) SHALL BE INCLUDED IN THE T.C.'S BID. THIS BID SHALL INCLUDE INSTALLATION BY A LICENSED ELECTRICIAN.
- 4. UNLESS TRADE RULES DICTATE OTHERWISE.

T001

NO SCALE

- 5. FURNISHED AS PART OF THE EQUIPMENT WHEN POSSIBLE, OR FURNISHED TO THE E.C. FOR INSTALLATION IN THE FIELD.
- 6. INCLUDES ALL CONDUCTORS, GROUND BARS, AND TERMINATIONS FOR THE COMPLETE GROUNDING SYSTEM REQUIRED BY THE SPECIFICATIONS INCLUDING CONNECTORS TO THE LUGS PROVIDED ON THE TECHNOLOGY EQUIPMENT.
- 7. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF PANELS AND SWITCHBOARDS SHOWN IN THE GROUNDING RISER.
- 8. FIRESTOPPING REFERS TO THE ITEMS SPECIFICALLY ADDRESSED IN DIVISION 26 AND 28 DOCUMENTS. REFER TO INDIVIDUAL SPECIFICATION SECTIONS FOR INFORMATION SPECIFIC TO FIRESTOPPING.
- 9. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH SYSTEM CONTRACTOR FOR APPROPRIATE CUSTOM BACKBOXES FOR THIS SYSTEM. CUSTOM BACKBOXES FURNISHED BY T.C., INSTALLED BY E.C. STANDARD BACKBOXES, JUNCTION BOXES, AND ASSOCIATED CONDUIT FURNISHED AND INSTALLED BY E.C.

χ SUGGESTED MATRIX OF SCOPE RESPONSIBILITY - TECHNOLOGY

	DIG	PLUNKETT RAYSICH	
RANGER PRAIRIE HEALTH CARE CENTER	Buildings C & D Neighborhoods Rer		Bid No. 314001
CONS	REVI STRUCTI	SION	DATE
11-0	NTE 16-14	120	OB # 341-02
	VN BY MF		^{i∈∈⊺ #}

GENERAL TECHNOLOGY EQUIPMENT SCHEDULE

THE SYMBOLS AND THE GENERAL TECHNOLOGY EQUIPMENT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A SATISFACTORY WORKING SYSTEM.

CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLETE DESCRIPTION OF THE MATERIAL ON THESE DRAWINGS AND SPECIFICATIONS. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN. "STANDARD COLOR" INDICATES FACTORY FINISH AVAILABLE AT NO ADDITIONAL CHARGE.

ITEM NO.	SYMBOL	DESCRIPTION	APPROVED MANUFACTURERS		
1	CSS	SYMBOL INDICATES THAT DOOR HAS ELECTRONIC ACCESS CONTROL SECURITY FUNCTIONALITY. REFER TO ACCESS CONTROL SCHEDULE ON DRAWING T300 FOR COMPLETE REQUIREMENTS FOR EACH DOOR. REFER TO SPECIFICATION SECTION 28 13 00 FOR ADDITIONAL INFORMATION AND REQUIREMENTS. REFER TO 1/T200 FOR WIRING REQUIREMENTS.			
2	ACP 1	ACCESS CONTROL SYSTEM CONTROL PANEL. SUPPORTS CREDENTIAL READERS VIA WIEGAND INTERFACE AND CONNECTIONS TO SYSTEM DEVICES VIA SUPERVISED RELAY INPUTS AND OUTPUTS, INTEGRATES WITH SYSTEM MANAGEMENT SOFTWARE, ETHERNET AND SERIAL COMMUNICATION PORTS. REFER TO SPECIFICATION SECTION 28 13 00 FOR ADDITIONAL INFORMATION AND REQUIREMENTS. REFER TO 1/T200 FOR WIRING REQUIREMENTS.	VYKON NO SUBSTITUTIONS		
3	CR	CREDENTIAL READER. INDOOR/OUTDOOR, 125 KHZ PROXIMITY TECHNOLOGY, AUDIO/VISUAL INDICATION VIA CONFIGURABLE BEEPER AND MULTI-COLOR LED, WIEGAND INTERFACE, GREY POLYCARBONATE ENCLOSURE, 3.135" H X 1.720" W X 0.660" D. UL LISTED. INSTALL CENTERED ON A SINGLE-GANG STAINLESS STEEL FACEPLATE MOUNTED TO A 4" SQUARE 2-1/8" DEEP BACKBOX WITH A SINGLE GANG PLASTER RING AND A 3/4" EMT CONDUIT STUBBED TO NEAREST ACCESSIBLE CEILING. REFER TO 1/T200 FOR WIRING REQUIREMENTS.	HID 6005B NO SUBSTITUTIONS		
4	ML	ELECTRIFIED DOOR LOCKING HARDWARE, FURNISHED AND INSTALLED BY OTHERS. CABLING AND CONNECTION TO LOCKING HARDWARE BY THIS CONTRACTOR. COORDINATE CONNECTIONS AND TESTING WITH ON-SITE DOOR CONTRACTOR. REFER TO 1/T200 FOR WIRING REQUIREMENTS.			
5	МВ	MAGNETIC BOND SENSOR; INTEGRAL PART OF ELECTRIFIED DOOR LOCKING HARDWARE, FURNISHED AND INSTALLED BY OTHERS. CABLING AND CONNECTION TO SENSOR BY THIS CONTRACTOR. COORDINATE CONNECTIONS AND TESTING WITH ON-SITE DOOR CONTRACTOR. REFER TO 1/T200 FOR WIRING REQUIREMENTS.			
6	DP	DOOR POSITION SENSOR; INTEGRAL PART OF ELECTRIFIED DOOR LOCKING HARDWARE, FURNISHED AND INSTALLED BY OTHERS. CABLING AND CONNECTION TO SENSOR BY THIS CONTRACTOR. COORDINATE CONNECTIONS AND TESTING WITH ON-SITE DOOR CONTRACTOR. REFER TO 1/T200 FOR WIRING REQUIREMENTS.			

GENERAL TECHNOLOGY EQUIPMENT SCHEDULE

T002

NO SCALE

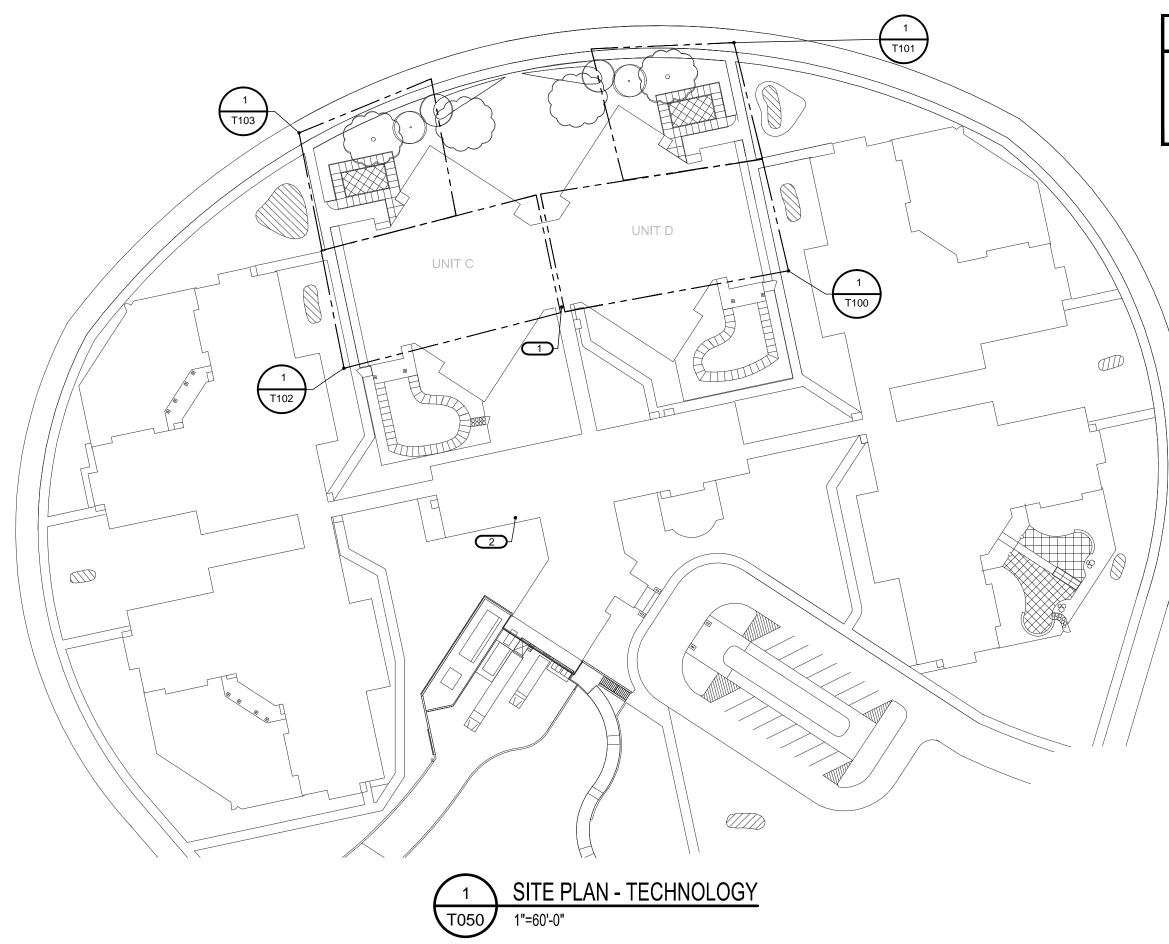


G	GENERAL TECHNOLOGY EQUIPMENT SCHEDULE (CONTINUED)						
BE RES SATISF CATALO SHALL MATER	PONSIBLE FOR VE ACTORY WORKING DG NUMBERS SHAI BE ORDERED BY M IAL ON THESE DRA	GENERAL TECHNOLOGY EQUIPMENT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. RIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR SYSTEM. LL NOT BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLE WINGS AND SPECIFICATIONS. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN. "STAND BLE AT NO ADDITIONAL CHARGE.	FOR MATERIAL. NO MATERIAL TE DESCRIPTION OF THE				
ITEM NO.	L SYMBOL L DESCRIPTION L APPROVED MANUEACT						
7	KS	KEY SWITCH. SINGLE-GANG STAINLESS STEEL FACEPLATE, MORTISE KEY SWITCH, TWO LED INDICATOR LIGHTS. MORTISE CYLINDER PROVIDED BY OTHERS. ONE LED LABELED "TWO 8-BED" AND THE OTHER LABELED "ONE 16-BED". INDICATOR LIGHTS SHALL BE WIRED AND PROGRAMMED TO FOLLOW AND ANNUNCIATE THE ACTIVE DOOR CONFIGURATION. REFER TO SPECIFICATION SECTION 28 13 00 FOR ADDITIONAL INFORMATION. INSTALL IN A 4" SQUARE 2-1/8" DEEP BACKBOX WITH A SINGLE GANG PLASTER RING AND A 3/4" EMT CONDUIT STUBBED TO NEAREST ACCESSIBLE CEILING. REFER TO 1/T200 FOR WIRING REQUIREMENTS.	ALARM CONTROLS MCK-6 SECURITRON DOORTRONICS				
8	ко	KEY OVERRIDE SWITCH. SINGLE-GANG STAINLESS STEEL FACEPLATE, MORTISE KEY SWITCH, TWO LED INDICATOR LIGHTS. MORTISE CYLINDER PROVIDED BY OTHERS. SWITCH WIRED TO INTERRUPT POWER TO ELECTRIFIED LOCKING HARDWARE AT THE ASSOCIATED DOOR. ONE LED LABELED "SECURE" AND THE OTHER LABELED "NOT SECURE". INDICATOR LIGHTS SHALL BE WIRED AND PROGRAMMED TO FOLLOW AND ANNUNCIATE WHETHER THE SWITCH IS INTERRUPTING POWER TO THE ELECTRIFIED LOCKING HARDWARE AT THE DOOR. REFER TO SPECIFICATION SECTION 28 13 00 FOR ADDITIONAL INFORMATION. INSTALL IN A 4" SQUARE 2-1/8" DEEP BACKBOX WITH A SINGLE GANG PLASTER RING AND A 3/4" EMT CONDUIT STUBBED TO NEAREST ACCESSIBLE CEILING. REFER TO 1/T200 FOR WIRING REQUIREMENTS.	ALARM CONTROLS MCK-6 SECURITRON DOORTRONICS				
9	AR	FIRE ALARM ADDRESSABLE RELAY. FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. COORDINATE CONNECTIONS AND TESTING WITH ON-SITE ELECTRICAL CONTRACTOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION. REFER TO 1/T200 FOR WIRING REQUIREMENTS.					
10	J	JUNCTION BOX. SIZE PER N.E.C. REFER TO SPECIFICATIONS FOR GENERAL CONSTRUCTION AND OTHER REQUIREMENTS. USE OF THIS SYMBOL DOES NOT INDICATE THAT ALL JUNCTION BOXES REQUIRED FOR THIS CONTRACT ARE SHOWN.					

GENERAL TECHNOLOGY EQUIPMENT SCHEDULE 1 T003

NO SCALE



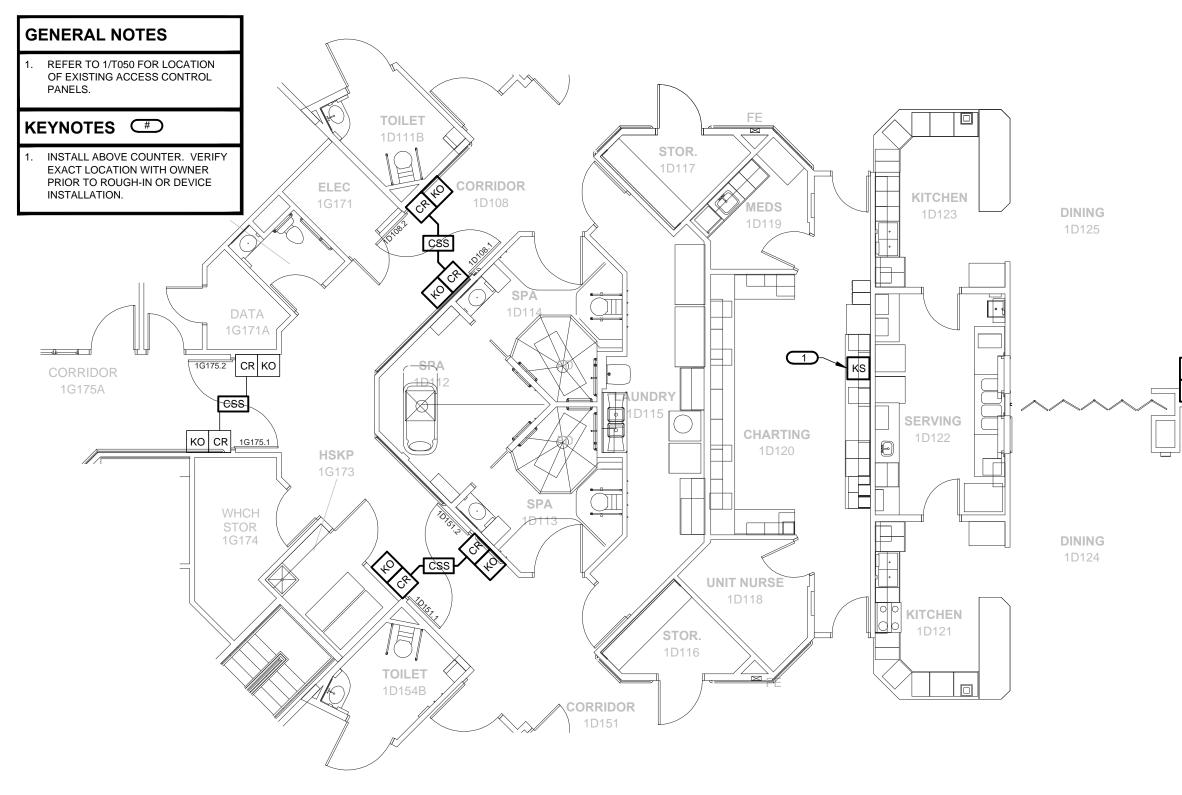


KEYNOTES 🖅

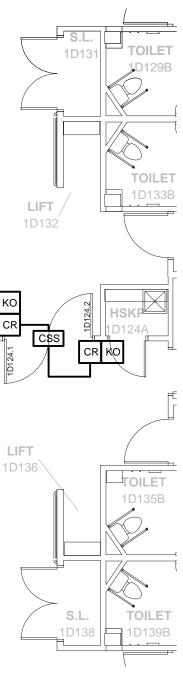
- 1. LOCATION OF EXISTING ACCESS CONTROL SYSTEM CONTROL PANELS IN BASEMENT LEVEL.
- 2. LOCATION OF EXISTING NURSE CALL SYSTEM CONTROL PANELS IN BASEMENT LEVEL.



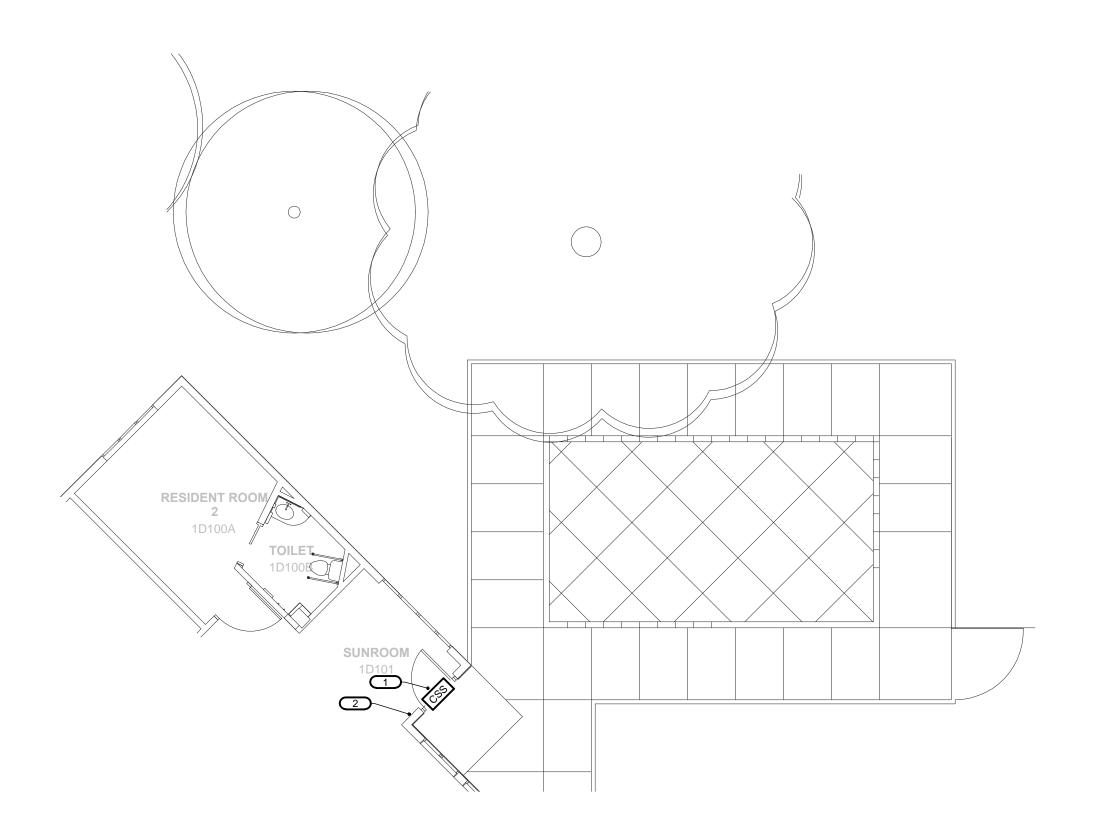














GENERAL NOTES

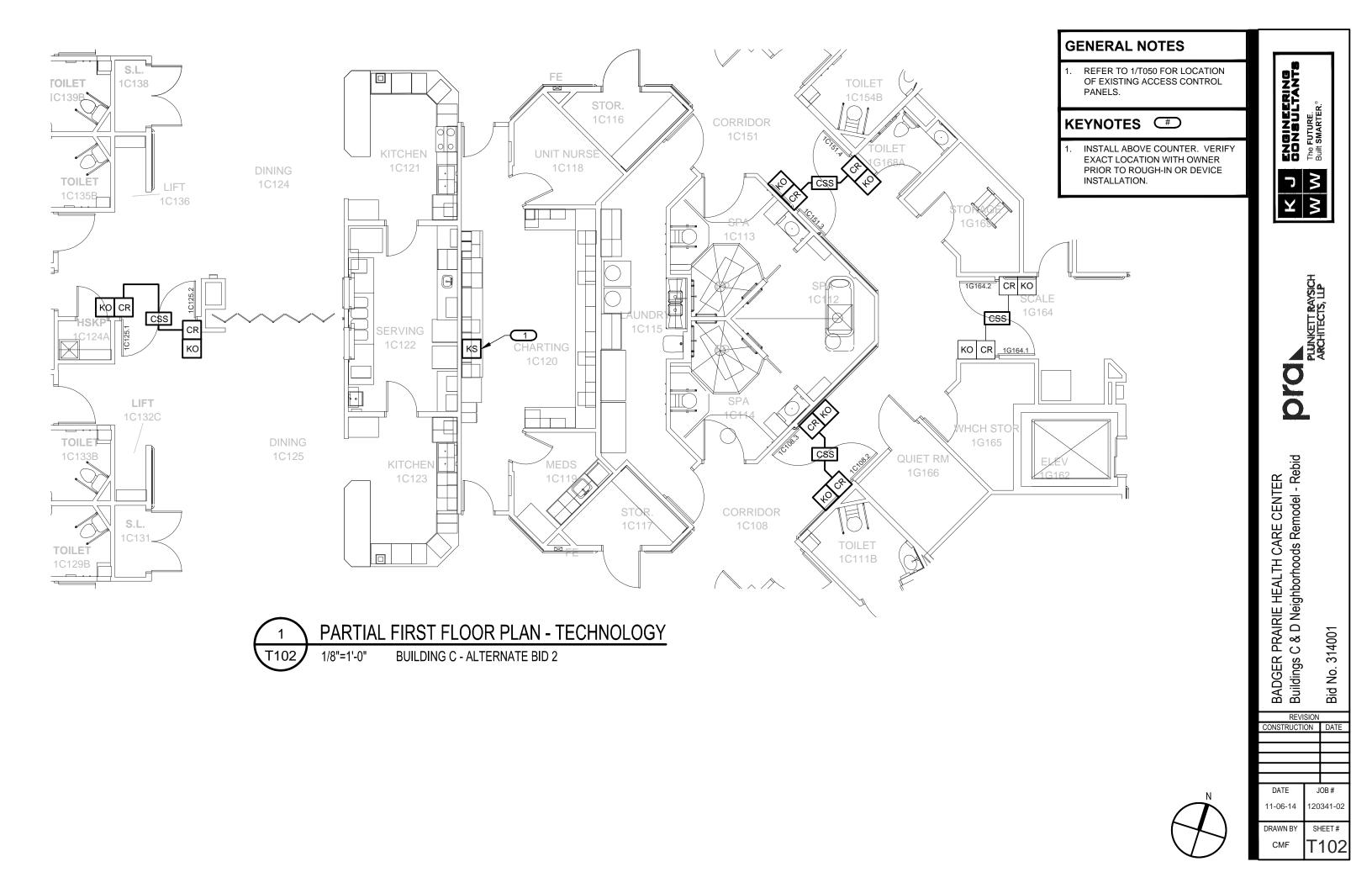
 REFER TO 1/T050 FOR LOCATION OF EXISTING ACCESS CONTROL PANELS.

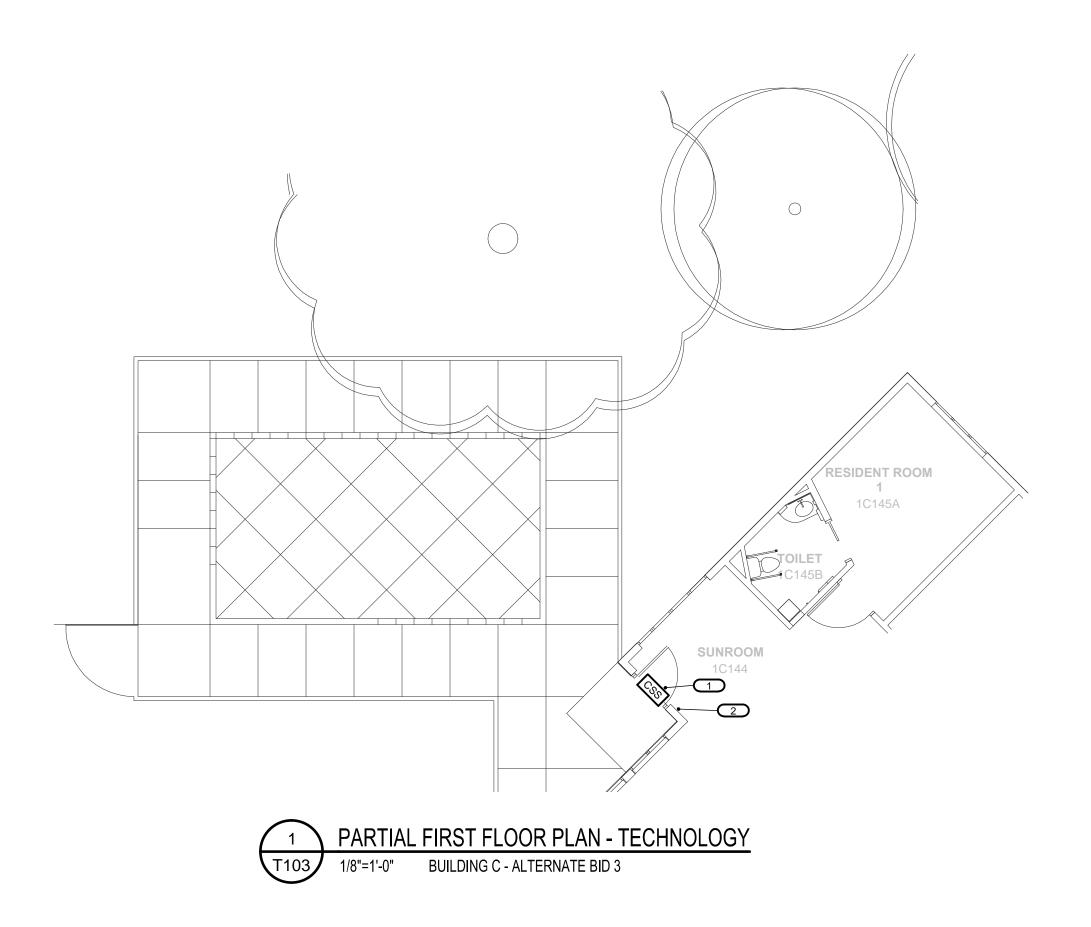
KEYNOTES 🖅

 EXISTING VOICE/DATA JACK TO BE RELOCATED. REFER TO KEYNOTE 2 FOR NEW LOCATION.
 NEW LOCATION FOR EXISTING VOICE/DATA JACK.

ENGINEERING CONSULTANTS The FUTURE. Built SMARTER.® ר 3 צ 3 **PLUNKETT RAYSICH** ARCHITECTS, LLP BADGER PRAIRIE HEALTH CARE CENTER Buildings C & D Neighborhoods Remodel - Rebid Bid No. 314001 REVISION CONSTRUCTION DATE DATE JOB # 120341-02 11-06-14 DRAWN BY SHEET # CMF T101







GENERAL NOTES

 REFER TO 1/T050 FOR LOCATION OF EXISTING ACCESS CONTROL PANELS.

KEYNOTES 🖅

 EXISTING VOICE/DATA JACK TO BE RELOCATED. REFER TO KEYNOTE 2 FOR NEW LOCATION.
 NEW LOCATION FOR EXISTING VOICE/DATA JACK.

ENGINEERING CONSULTANTS The FUTURE. Built SMARTER.® ר ≷ צ צ PLUNKETT RAYSICH ARCHITECTS, LLP BADGER PRAIRIE HEALTH CARE CENTER Buildings C & D Neighborhoods Remodel - Rebid Bid No. 314001 REVISION CONSTRUCTION DATE DATE JOB # 120341-02 11-06-14 DRAWN BY SHEET # CMF T103



NOTES:

- 1. THIS RISER IS DIAGRAMMATIC AND MAY NOT SHOW ACTUAL ROUTING OR QUANTITIES OF MATERIALS. THIS RISER IS SHOWN FOR CLARIFICATION OF CONNECTION LOCATIONS AND CABLE TYPE. DEVICES SHOWN ARE TYPICAL OF THE DEVICES IN THE AREA SHOWN. REFER TO FLOOR PLANS FOR ACTUAL QUANTITIES OF DEVICES AND MORE SPECIFIC ROUTING INFORMATION. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- 2. REFER TO 1/T050 FOR LOCATION OF EXISTING ACCESS CONTROL SYSTEM PANELS.

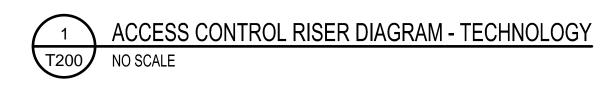
KEYNOTES:

(1)	ONE (1) 18/6 UNSHIELDED PLENUM CABLE.	REFER TO SPECIFICATIONS FOR ADDITIONAL
<u> </u>	REQUIREMENTS.	

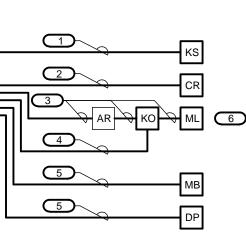
- ONE (1) 18/9 SHIELDED PLENUM CABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- 3 ONE (1) 14/2 UNSHIELDED PLENUM CABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- 4 ONE (1) 18/4 UNSHIELDED PLENUM CABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- 5 ONE (1) 18/2 UNSHIELDED PLENUM CABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- 6 ACCESS CONTROL SYSTEM DEVICES SHOWN ARE TYPICAL. REFER TO FLOOR PLANS FOR ACTUAL QUANTITY AND LOCATIONS OF CSS LOCATIONS. REFER TO ACCESS CONTROL SCHEDULE ON DRAWING T300 FOR INDIVIDUAL REQUIREMENTS AT EACH CSS LOCATION.
- (ACP/1) SHOWN ARE TYPICAL. CONTRACTOR TO DETERMINE ACTUAL QUANTITY OF CONTROLLERS REQUIRED FOR DEVICES SHOWN ON PROJECT DOCUMENTS.
- 8 CONNECTION TO OWNER'S EXISTING ACCESS CONTROL SYSTEM VIA ETHERNET. COORDINATE CONNECTION TO AND INTEGRATION WITH OWNER'S EXISTING ACCESS CONTROL SYSTEM, ALL NECESSARY PROGRAMMING, AND TESTING WITH OWNER.
- 9 ONE (1) 18/2 UNSHIELDED PLENUM CABLE, FOR CONTACT CLOSURE INTEGRATION CONNECTION TO EXISTING NURSE CALL SYSTEM TO PROVIDE DOOR ALARM ANNUNCIATION ON EXISTING NURSE CALL SYSTEM WIRELESS PHONES FOR ONE (1) DOOR. TYPICAL OF ONE CABLE PER DOOR LISTED IN THE ACCESS CONTROL SCHEDULE ON DRAWING T300. REFER TO 1/T050 FOR LOCATION OF EXISTING NURSE CALL SYSTEM PANELS.

FIRST FLOOR		
	BASEMENT LEVEL CORRIDOR	

FLOOR SPACE



CEILING/ROOF SPACE





ACCESS CONTROL SCHEDULE											
DOOR #	PLAN REF	Ι	DOOR FEATURES					U	RE	S	SCHEDULE NOTES
		CARD READER - IN	CARD READER - OUT	CONNECTION TO ELECTRIFIED DOOR HARDWARE (MAG LOCK)	CONNECTION TO MAGNETIC BOND SENSOR	CONNECTION TO DOOR POSITION MONITOR	DOOR ALARM ANNUNCIATION VIA NURSE CALL SYSTEM	REMOTE UNLOCK VIA FIRE COMMAND CENTER	LOCAL EMERGENCY UNLOCK VIA KEY OVERRIDE	S = SINGLE DOOR / D = DOUBLE DOOR	
1D108.1	T100	Х	X	Х	Х	Х	Х	Х	х	S	2, 4, 6
1D108.2	T100	X	X	Х	Х	X	Х	Х	Х	S	2, 4,6
1D124.1	T100	Х	X	Х	Х	Х	Х	Х	Х	S	2, 4,6
1D124.2	T100	X	X	X	Х	X	X	Х	X	S	2, 4,6
1D151.1	T100	X	X	Х	Х	X	Х	Х	Х	S	2, 4,6
1D151.2	T100	X	X	X	Х	X	X	X	X	S	2, 4,6
1G175.1	T100	X	X	X	X	X	X	X	X	S	1, 2, 4,6
1G175.2	T100	Х	X	Х	Х	X	X	Х	Х	S	1, 2, 4,6
1D101 1C108.2	T101 T102	x	x	х	х	X X	X X	х	x	S S	3, 5, 7
1C108.2	T102	X	X	×		X		×	^ Х	s S	2, 4, 8
1C108.3	T102	X	^ X	^ X	X X	^ X	^ X	^ X	^ X	s S	2, 4, 8
1C125.1	T102	X	X	^ X	^ X	X	^ X	×	^ Х	S	2, 4, 8
1C123.2 1C151.3	T102	X	×	^ X	^ X	× X	^ X	×	× X	S	2, 4, 8
1C151.4	T102	X	X	X	X	X	X	X	X	s	2, 4, 8
1G164.1	T102	X	X	X	X	X	X	X	X	S	1, 2, 4, 8
1G164.2	T102	X	X	X	X	X	X	X	X	S	1, 2, 4, 8
1C144	T103					X	X			S	3, 5, 9

NOTES

- 1. EACH LEAF'S DOOR CONTACT SWITCH SHALL OPERATE INDEPENDENTLY. DO NOT SHUNT IN SERIES.
- 2. ELECTRIC DOOR HARDWARE SUCH AS MAGNETIC LOCKS WITH MAGNETIC BOND SENSOR CONTACT AND DOOR POSITION SENSOR CONTACT, ETC. SHALL BE FURNISHED AND INSTALLED BY OTHERS. CONTROL PANELS AND PROGRAMMING, CARD READERS, AND ALL SYSTEM CABLING BY THIS CONTRACTOR.
- 3. LOW-VOLTAGE POWER FOR HARD-WIRED ELECTRIFIED DOOR LOCKING HARDWARE PROVIDED BY ACCESS CONTROL SYSTEM CONTROL PANELS BY THIS CONTRACTOR.
- 4. COORDINATE CONNECTION TO ELECTRIC DOOR HARDWARE PROVIDED BY OTHERS WITH ON-SITE DOOR HARDWARE INSTALLATION CONTRACTOR.
- 5. COORDINATE TESTING OF ELECTRIC DOOR HARDWARE PROVIDED BY OTHERS WITH ON-SITE DOOR HARDWARE INSTALLATION CONTRACTOR.
- 6. REFER TO ARCHITECTURAL DOOR HARDWARE GROUPS AND SPECIFICATION FOR COMPLETE INFORMATION.

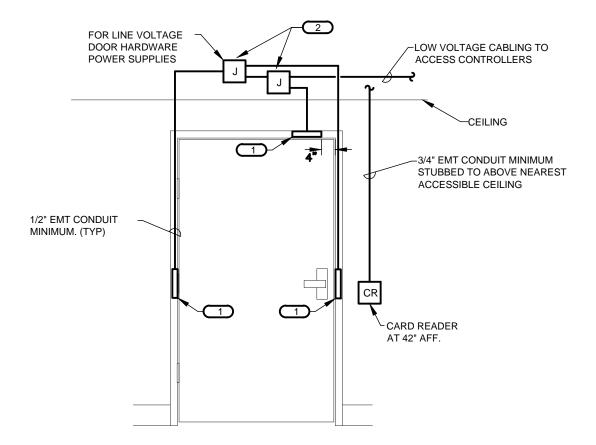
SCHEDULE NOTES

- 1. EXISTING DOORWAY EQUIPPED WITH EXISTING CARD READERS AND EXISTING ELECTRIFIED DOOR LOCKING HARDWARE TO REMAIN.
- 2. EXISTING DOORWAY WITH EMPTY EXISTING ROUGH-INS FOR ACCESS CONTROL SYSTEM DEVICES.
- REFER TO 1/T400 FOR ACCESS CONTROL ROUGH-IN REQUIREMENTS. 3.
- BOND SENSOR AND DOOR POSITION ALARMS SHALL ANNUNCIATE ON EXISTING NURSE CALL SYSTEM 4. WIRELESS HANDSETS. ALARM NOTIFICATION ON HANDSET SHALL INCLUDE DOOR IDENTIFIER TO DIRECT STAFF TO DOOR IN ALARM.
- 5. DOOR POSITION ALARMS SHALL ANNUNCIATE ON EXISTING NURSE CALL SYSTEM WIRELESS HANDSETS. ALARM NOTIFICATION ON HANDSET SHALL INCLUDE DOOR IDENTIFIER TO DIRECT STAFF TO DOOR IN ALARM.
- 6. DOOR IS PART OF BASE BID. REFER TO T000 FOR ADDITIONAL INFORMATION.
- 7. DOOR IS PART OF ALTERNATE NO. 1. REFER TO T000 FOR ADDITIONAL INFORMATION.
- 8. DOOR IS PART OF ALTERNATE NO. 2. REFER TO T000 FOR ADDITIONAL INFORMATION.
- 9. DOOR IS PART OF ALTERNATE NO. 3. REFER TO T000 FOR ADDITIONAL INFORMATION.

ACCESS CONTROL SCHEDULE - TECHNOLOGY T300

NO SCALE





DOOR FRAME ROUGH-IN DIAGRAM (ALL SINGLE DOORS)

NOTES:

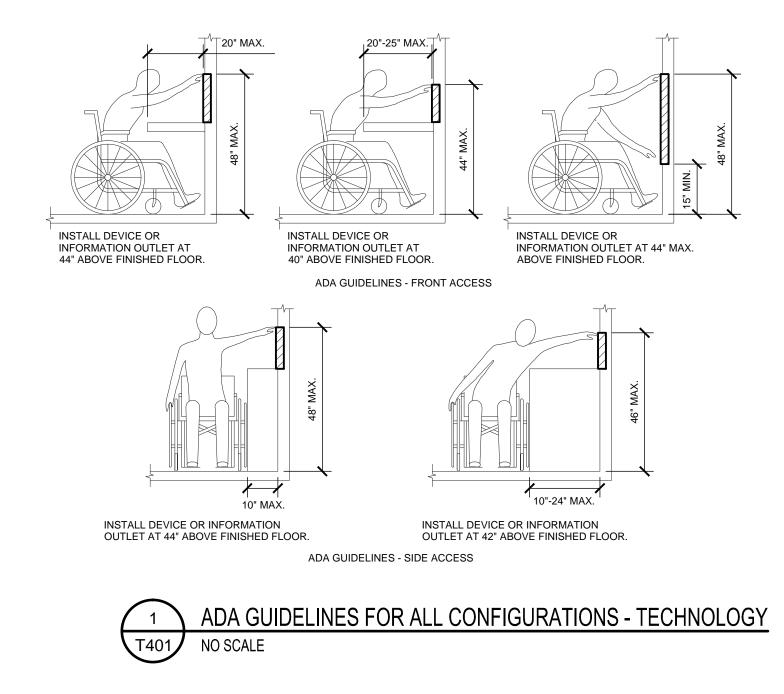
- 1. WIRING SHOWN ON THESE DIAGRAMS REPRESENTS MINIMUM REQUIREMENTS. COORDINATE EXACT REQUIREMENTS WITH SELECTED MANUFACTURER OF ACCESS CONTROL SYSTEM EQUIPMENT AND DOOR HARDWARE.
- 2. DETAIL MAY NOT BE REPRESENTATIVE OF SPECIFIC DOOR SWING DIRECTION. MIRROR DETAIL AS REQUIRED.
- 3. REFER TO ARCHITECTURAL DOOR HARDWARE GROUPS AND SPECIFICATION FOR COMPLETE INFORMATION.
- 4. ALL DOOR POSITION SWITCHES SHALL BE RECESSED, CONCEALED TYPE UNLESS OTHERWISE NOTED.
- ALL CABLING IN WALLS AND WHERE EXPOSED ON VERTICAL SURFACES SHALL BE ROUTED IN 1/2" EMT CONDUIT MINIMUM. 5. EXPOSED CABLING TRAVELING HORIZONTALLY ABOVE LAY-IN CEILING MAY BE EXPOSED CABLING PROPERLY RATED FOR ANY CEILING ENVIRONMENT THE CABLE IS ROUTED THROUGH.
- 6. ELECTRIC HINGE MONITORS ARE NOT ACCEPTABLE REPLACEMENTS FOR THE CONCEALED DOOR POSITION SWITCHES.
- REFER TO FLOOR PLANS FOR CARD READER LOCATIONS. 7.
- 8. ALL POWER (INCLUDING +120 VAC) REQUIRED FOR SYSTEM OPERATION SHALL BE PROVIDED BY THIS CONTRACTOR.
- INSTALLING CONTRACTOR SHALL FURNISH AND INSTALL FIRESTOP MATERIALS FOR ALL ACCESS CONTROL SECURITY 9. SYSTEM ROUGH-INS PER PROJECT REQUIREMENTS. REFER TO SPECIFICATIONS FOR FIRESTOP REQUIREMENTS.

KEYNOTES:

- (1)PROVIDE JUNCTION BOXES IN THE DOOR FRAME WHERE SHOWN ON DETAIL. ROUGH-IN SHALL BE PROVIDED WHETHER THE CURRENT SECURITY SCHEME UTILIZES THEM OR NOT. NON-METALLIC OR FLEXIBLE CONDUIT OF ANY TYPE ARE NOT ACCEPTABLE. COORDINATE INSTALLATION WITH ON-SITE DOOR FRAME INSTALLATION CONTRACTOR.
- (2)MOUNT TWO (2) 4-SQUARE OR LARGER JUNCTION BOXES WITH BLANK COVER PLATES ABOVE NEAREST ACCESSIBLE CEILING AS CLOSE TO THE CONTROLLED DOORWAY AS IS PRACTICAL. INSTALLING CONTRACTOR TO SIZE JUNCTION BOXES PER SYSTEM INSTALLATION REQUIREMENTS AND APPLICABLE CODES.







	W W Built SMARTER.®
DICI	PLUNKETT RAYSICH ARCHITECTS, LLP
BADGER PRAIRIE HEALTH CARE CENTER Buildings C & D Neighborhoods Remodel - Rebid	Bid No. 314001
RE ^V CONSTRUC	VISION TION DATE
DATE 11-06-14	JOB # 120341-02
DRAWN BY	SHEET #