

**Bid Package 1 | Addendum No. 5**  
**for**  
**Construction of**  
**St. Croix County Health Center Additions and Renovation**  
Project No. 146038

Date: 7/7/2015

Bids for Bid Package 1 due: Tuesday, July 14, 2015 at 2:00 p.m. (CST)

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**CLARIFICATIONS FOR ALL BIDDERS:**

- Acknowledge receipt of Addendums #1 through #5
- Bid Security is no longer required

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NOTE: This Addendum may apply to any or all contracts and/or subcontracts.

**ATTACHMENTS**

The following document(s) hereby become a part of this Addendum, the Bidding Documents, and the Contract Documents for the Project.

**SHEET C100, revision #5**  
**SHEET C200, revision #5**  
**SHEET C300, revision #5**  
**SHEET C400, revision #5**  
**SHEET C500, revision #5**  
**SHEET L100, revision #5**  
**SHEET L104, revision #5**  
**SECTION 00 23 00, WORK CATEGORIES**  
**SECTION 00 41 00, BID FORM**

**DRAWINGS**

**SHEET C100** (attached)

- Revised leaders showing extents of excavation for waterproofing, and approximate depth of excavation to footing per required waterproofing detail.

**SHEET C200** (attached)

- "N.I.C." has been added to temporary access drive callout.
- Concrete access for existing meter vault has been added to site plan. Callout references utility plan for existing vault location verification. Existing vault has not been located per survey. Vault location will need to be verified prior to construction; likewise concrete access location may vary from that shown on site plan.
- Addition of path connecting ADA sidewalk to Therapy Pool, Alternate #1.

**SHEET C300** (attached)

- Per owner the site is balanced, no export of material is anticipated. If export is necessary than the excess can be placed on site for future owner use.
- Spot elevations added to new path on sheet C200.

**SHEET C400** (attached)

- Polystyrene insulation has been added to courtyard storm drains to address freezing concerns.
- Concrete access for existing meter vault has been added.
- Note #34 requiring that existing water main to be reinstalled shall be pressure tested has been added.

**SHEET C500** (attached)

- Cross slope has been revised to 2%.

**SHEET L100 and L104** (attached)

- Addition of path connecting ADA sidewalk to Therapy Pool, Alternate #1.

<b>PROJECT MANUAL</b>
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**SECTION 00 11 16 – INVITATION TO BID** (not reissued)

No bid security will be required unless noted specifically under Work Category.

**SECTION 00 23 00 WORK CATEGORIES** (reissued)

Replace in its entirety.

**SECTION 00 41 00 BID FORM** (reissued)

Revise bid date to Tuesday, July 14, 2015 at 2:00 p.m.

<b>APPROVED EQUALS</b>
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The following manufacturers have applied for “or equal” approval and their quotation(s) may be used by contractors when bidding the Project. It is the duty of the contractor to ascertain that the equipment, workmanship, and products offered do indeed meet the specifications in all respects since this approval does not waive any part of the specification, but indicates that the Bidder has shown he understands the specification and is able to provide equipment, workmanship, and products to fulfill those requirements and can adapt to building dimensions.

Section No.	Item	Manufacturer
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End







St. Croix County  
BID PACKAGE 1  
Health Center Additions & Renovation  
New Richmond, WI

Sheet Revision Schedule

Rev. #	Date	Revision	Description
1	03-06-15		DD SUBMITTAL
2	04-06-15		CITY OF NEW RICHMOND SUBMITTAL
3	04-30-15		50% CD REVIEW SET
4	05-21-15		CD REVIEW SET
5	06-15-15		BID ADDENDUM 1
6	07-07-15		BID ADDENDUM 5

JSD Professional Services, Inc.  
Engineers • Surveyors • Planners

"BUILDING RELATIONSHIPS WITH A COMMITMENT TO CLIENT SATISFACTION THROUGH TRUST, QUALITY AND EXPERIENCE"

MADISON REGIONAL OFFICE  
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**LEGEND**

- PROPERTY LINE
- RIGHT-OF-WAY
- EDGE OF PAVEMENT
- ANY SERVICE REPLACEMENTS
- FUTURE BUILDING ADDITION
- RETAINING WALL
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- POLYSTYRENE INSULATION
- 18" STANDARD CURB AND GUTTER
- 18" REJECT CURB AND GUTTER
- ST STORM SEWER
- SAN SANITARY SEWER
- W WATER MAIN
- ELECTRIC SERVICE (BY OTHERS)

**UTILITY NOTES**

- REFER TO THE EXISTING CONDITIONS SURVEY, PROVIDED BY OTHERS, FOR EXISTING CONDITIONS, NOTES AND LEGEND. JSD DOES NOT TAKE RESPONSIBILITY FOR ANY INFORMATION LOCATED ON THE SURVEY PROVIDED BY OTHERS. ALL INFORMATION SHALL BE FIELD LOCATED AND VERIFIED PRIOR TO CONSTRUCTION.
- ELECTRIC, FIBER OPTIC, AND TELEPHONE ARE SHOWN FOR GRAPHIC PURPOSES ONLY. DESIGN FOR THESE SERVICES ARE BY OTHERS. CONTRACTOR TO COORDINATE AND PROVIDE NEW SERVICE INSTALLATION AND ANY SERVICE REPLACEMENTS DUE TO GRADING, UTILITY CROSSINGS OR ANY OTHER WORK WITH APPLICABLE UTILITY COMPANY.
- ALL WORK WITHIN THE RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE LATEST CITY OF NEW RICHMOND REQUIREMENTS FOR PUBLIC WORKS IMPROVEMENTS.
- DIMENSIONS TAKE PRECEDENCE OVER SCALE. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.
- IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REVISION MAY OCCUR.
- LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.
- ALL CONSTRUCTION SIGNING TO BE IN ACCORDANCE WITH THE CITY OF NEW RICHMOND AND WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES, AND THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN WISCONSIN.
- PROVIDE DE-WATERING ACTIVITIES AND PERMITS AS NECESSARY PER WORK REQUIREMENTS AND MONITOR TECHNICAL STANDARD 1001.
- ALL PRIVATE WATER MAIN AND WATER SERVICES SHALL BE INSTALLED WITH A 8" MINIMUM BURY.
- THE CONTRACTOR SHALL INSTALL A PEDESTRIAN FENCE AROUND ALL EXCAVATIONS TO BE LEFT OPEN OVER NIGHT AS REQUIRED.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH ENGINEERING PLANS DESIGNED TO MEET ORDINANCES AND REQUIREMENTS OF THE MUNICIPALITY AND WISDOT, WSPS, AND WWR.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR:
  - EXAMINING ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.
  - OBTAINING ALL PERMITS INCLUDING PERMIT COSTS, TAP FEES, METER DEPOSITS, BONDS, AND ALL OTHER FEES REQUIRED FOR PROPOSED WORK TO OBTAIN OCCUPANCY.
  - VERIFYING UTILITY ELEVATIONS AND NOTIFYING ENGINEER OF ANY DISCREPANCY. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS RESOLVED.
  - NOTIFYING ALL UTILITIES PRIOR TO THE INSTALLATION OF ANY UNDERGROUND IMPROVEMENTS.
  - NOTIFYING THE DESIGN ENGINEER AND MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION OBSERVATION.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH AS-BUILT CONDITIONS OF THE DESIGNATED IMPROVEMENTS IN ORDER THAT THE APPROPRIATE DRAWINGS CAN BE PREPARED, IF REQUIRED. ANY CHANGES TO THE DRAWINGS OR ADDITIONAL ITEMS MUST BE REPORTED TO THE ENGINEER AS WORK PROGRESSES.
- THE PRIME CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS.
- ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF IMPROVEMENTS.
- CONTRACTOR SHALL NOTIFY THE CITY OF NEW RICHMOND PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS BEFORE CONNECTING TO PUBLIC UTILITIES. CONTRACTOR SHALL NOTIFY NEW RICHMOND UTILITIES DEPARTMENT 48 HOURS PRIOR TO CONNECTING TO PUBLIC WATER MAINS.
- ALL PRIVATE STORM BUILDING PIPE AND TUBING SHALL CONFORM TO SPS 384.30-2.
- ALL PRIVATE SANITARY BUILDING PIPE AND TUBING SHALL CONFORM TO SPS 384.30-3.
- ALL PRIVATE PIPE AND TUBING FOR WATER SERVICE SHALL CONFORM TO SPS 384.30-4.
- WATER SERVICE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR TO FIELD VERIFY LOCATION AND SIZE. REPORT DISCREPANCIES TO ENGINEER PRIOR TO CONSTRUCTION. CONSTRUCTION TO BE IN ACCORDANCE WITH THE NEW RICHMOND WATER & LIGHT DEPARTMENT STANDARDS FOR WATER MAIN CONSTRUCTION.
- NEW RICHMOND UTILITIES WILL REQUIRE INSPECTION OF WATER SERVICE INSTALLATION AND TESTING WITH COSTS TO BE PAID BY NEW RICHMOND COMMUNITY HOSPITAL.
- ANY PUBLIC WATER VALVES OUTSIDE OF THE PROJECT LIMITS SHALL BE OPERATED BY NEW RICHMOND UTILITIES PERSONNEL ONLY.
- NEW WATER MAIN INSTALLED AS PART OF THIS PROJECT SHALL PASS A WATER MAIN PRESSURE TEST FOR A MINIMUM OF 2 HOURS AT 150 PSI. NO LEAKAGE WILL BE ALLOWED.
- TWO SAFE BACTERIA SAMPLES WILL BE REQUIRED TO BE COLLECTED BY THE CONTRACTOR 24 HOURS APART. RESULTS BE SENT TO THE NEW RICHMOND WATER & LIGHT DEPARTMENT PRIOR TO PLACE THE NEW WATER MAIN INTO SERVICE FOR THE HOSPITAL.
- ALL PRIVATE PIPE SHALL BE INSTALLED PER SPS 382.40-8 INCLUDING AT LEAST 8" OF HORIZONTAL DISTANCE BETWEEN WATER PIPING AND SANITARY SEWER FROM CENTER OF PIPE TO CENTER OF PIPE AND 6" OF SEPARATION BETWEEN STORM SEWER AND WATER PIPING.
- THE CONTRACTOR SHALL ALLOW 10 WORKING DAYS FOR THE CONSTRUCTION OF GAS MAINS WHEN SCHEDULING THE WORK AND SHALL NOT RESTRICT ACCESS TO THE GAS MAIN CONTRACTOR OR OTHER UTILITY CONTRACTORS.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST AND EROSION DURING CONSTRUCTION AT HIS EXPENSE. STREETS SHALL BE WATERED TO CONTROL DUST WHEN ORDERED BY THE ENGINEER.
- THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO BE IN CONFORMANCE WITH THE CITY EROSION CONTROL AND STORMWATER ORDINANCE, AND DNR ADMINISTRATIVE RULE NR 216 AT ALL TIMES.
- CONTRACTOR SHALL COORDINATE UTILITY RELOCATIONS WITH THE RESPECTIVE UTILITIES.
- PVC DRAIN BASIN SHALL BE NYLOPLAST OF THE SIZE SHOWN AN APPROVED EQUAL GRATES SHALL BE STANDARD GRATES IN LANDSCAPED AREAS.
- 2" POLYSTYRENE INSULATION SHALL BE PROVIDED AT ALL STORM SEWER CROSSINGS.
- ALL WATER LINES SHALL BE BURIED 8 FOOT MINIMUM OR INSULATED WITH POLYSTYRENE INSULATION AT 1" PER FOOT TO ACHIEVE 8 FOOT COVER.
- ALL EXISTING WATER MAIN THAT IS TO BE REINSTALLED SHALL BE PRESSURE TESTED IN ACCORDANCE WITH CITY OF NEW RICHMOND STANDARDS.

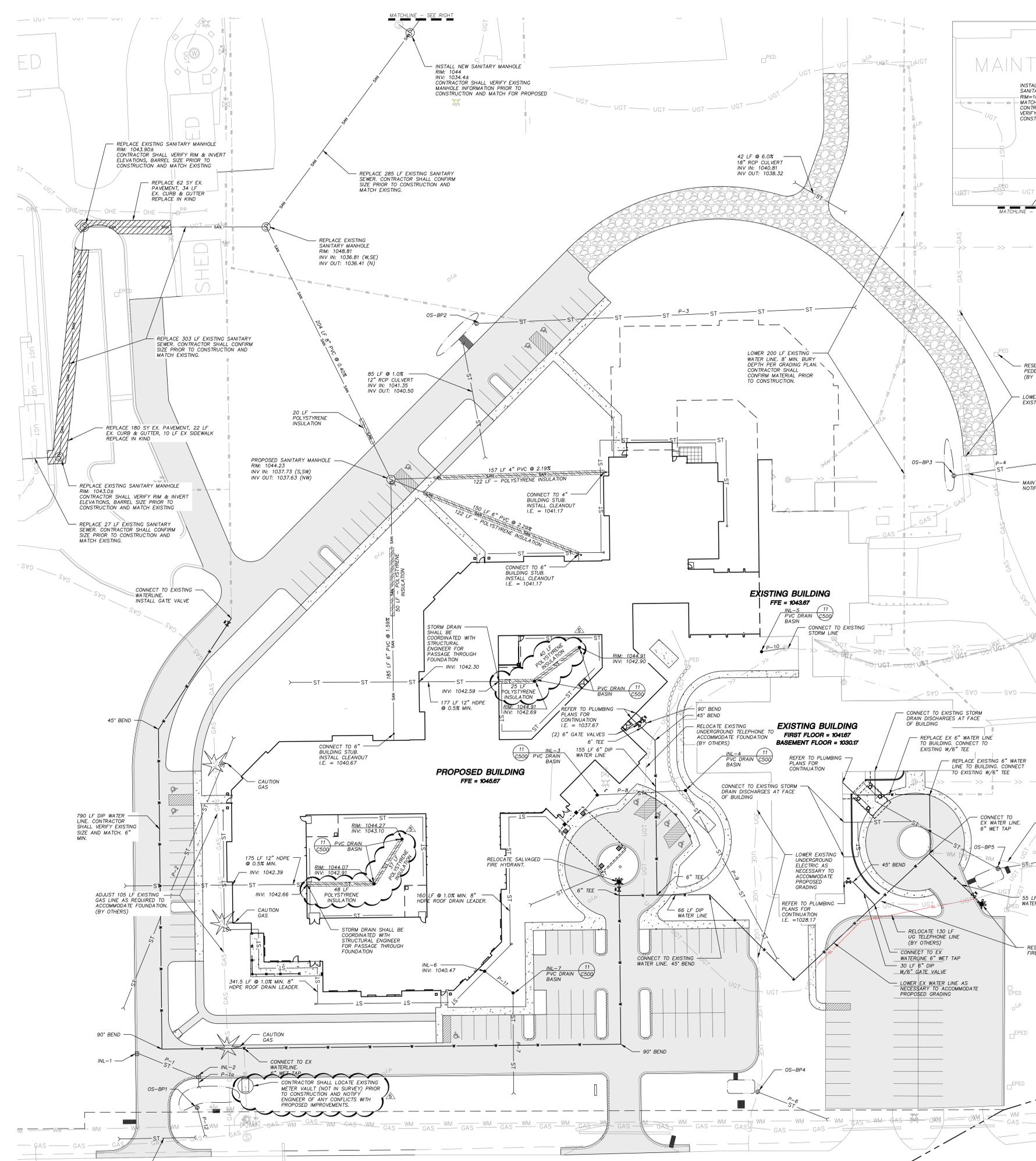


**PROPOSED STORM SEWER STRUCTURES SCHEDULE**

LABEL	INVERT ELEV. (FT)	RIM ELEV. (FT)	DEPTH (FT)	STRUCTURE DESCRIPTION	GRATE
INL-1	1039.09	1041.17	2.08	2' x 3' PRECAST BOX	R-3067, COMBINATION INLET FRAME, TYPE C GRATE
INL-2	1038.98	1041.13	2.15	2' x 3' PRECAST BOX	R-3067, COMBINATION INLET FRAME, TYPE C GRATE
OS-BP2	1036.73	1040.73	4.00	36" DIA CONC INLET	36" DIA INLET, TYPE C GRATE
OS-BP3	1023.93	1028.00	4.07	36" DIA CONC INLET	36" DIA INLET, TYPE C GRATE
OS-BP5	1023.29	1028.40	5.12	36" DIA CONC INLET	36" DIA INLET, TYPE C GRATE
OS-BP4	1034.39	1037.50	3.12	36" DIA CONC INLET	36" DIA INLET, TYPE C GRATE
OS-BP1	1037.42	1039.97	2.56	36" DIA CONC INLET	36" DIA INLET, TYPE C GRATE
INL-3	1039.58	1044.88	5.30	2824G NYLOPLAST BASIN	STANDARD GRATE
INL-4	1038.34	1040.30	1.96	2824G NYLOPLAST BASIN	STANDARD GRATE
INL-5	1034.93	1038.86	3.93	2824G NYLOPLAST BASIN	STANDARD GRATE
INL-6	1040.47	1045.17	4.70	2812G NYLOPLAST BASIN	STANDARD GRATE
INL-7	1040.18	1042.50	2.32	2824G NYLOPLAST BASIN	STANDARD GRATE

**PROPOSED STORM SEWER PIPE SCHEDULE**

PIPE LABEL	FROM	TO	LENGTH (FT)	INVERT ELEVATION (FT)	DISCHARGE ELEVATION (FT)	SLOPE (%)	PIPE SIZE & TYPE
P-1	INL-1	INL-2	47	1039.09	1038.98	0.22%	12" RCP
P-1a	INL-2	FES	8	1038.98	1038.97	0.01%	12" RCP
P-2	FES	FES	213	1040.53	1038.40	1.00%	12" RCP
P-3	OS-BP2	FES	266	1036.73	1034.07	1.00%	12" RCP
P-4	OS-BP3	FES	68	1023.93	1023.25	1.00%	12" RCP
P-5	OS-BP5	FES	110	1023.29	1020.50	4.33%	12" HDPE
P-6	OS-BP4	FES	21	1034.39	1034.28	0.50%	12" HDPE
P-7	INL-7	FES	42	1040.18	1039.76	1.00%	12" HDPE
P-8	INL-3	FES	65	1039.58	1037.00	4.00%	12" HDPE
P-9	INL-4	FES	140	1038.34	1037.04	0.90%	12" HDPE
P-10	INL-5	EX PIPE	22	1034.93	1034.50	2.00%	12" HDPE
P-11	INL-6	INL-7	29	1040.47	1040.18	1.00%	10" HDPE
P-12	OS-BP1	FES	21.00	1037.42	1037.31	0.50%	12" HDPE



CTH K / 185th AVENUE

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UTILITY PLAN

Scale: 1" = 30'  
Date: 03/06/15  
Project Number: 146038





St. Croix County  
**BID PACKAGE 1**  
Health Center Additions & Renovation  
New Richmond, WI

Sheet Revision Schedule

Rev. #	Date	Revision	Description
03-06-15	DD	Submittal	
04-06-15	City of New Richmond	Submittal	
05-21-15	CD	Review Set	
06-17-15	Bid Addendum #1		
06-23-15	Bid Addendum #4		
07-07-15	Bid Addendum #5		

"BUILDING RELATIONSHIPS WITH A COMMITMENT TO CLIENT SATISFACTION THROUGH TRUST, QUALITY AND EXPERIENCE"

MADISON REGIONAL OFFICE  
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**LEGEND**

---	PROPERTY LINE
- - - -	RIGHT-OF-WAY
=====	EDGE OF PAVEMENT
-----	RETAINING WALL
=====	ASPHALT PAVEMENT
=====	CONCRETE PAVEMENT
=====	18" STANDARD CURB & GUTTER
=====	18" RELECT CURB & GUTTER
=====	PROPOSED 1' FOOT CONTOUR
=====	PROPOSED 5' FOOT CONTOUR
-----	WATER UTILITY
-----	STORM UTILITY
-----	SANITARY UTILITY
-----	ELECTRICAL UTILITY
=====	COLORLED CONCRETE FOR COURTYARD AREA - SEATING/PASSIVE SPACE
=====	COLORLED CONCRETE FOR COURTYARD AREA - RAISED PLANTER AREAS
=====	POLYETHYLENE EDGING
=====	RAIN GARDEN PLUG MIX
=====	LIMESTONE BOULDER

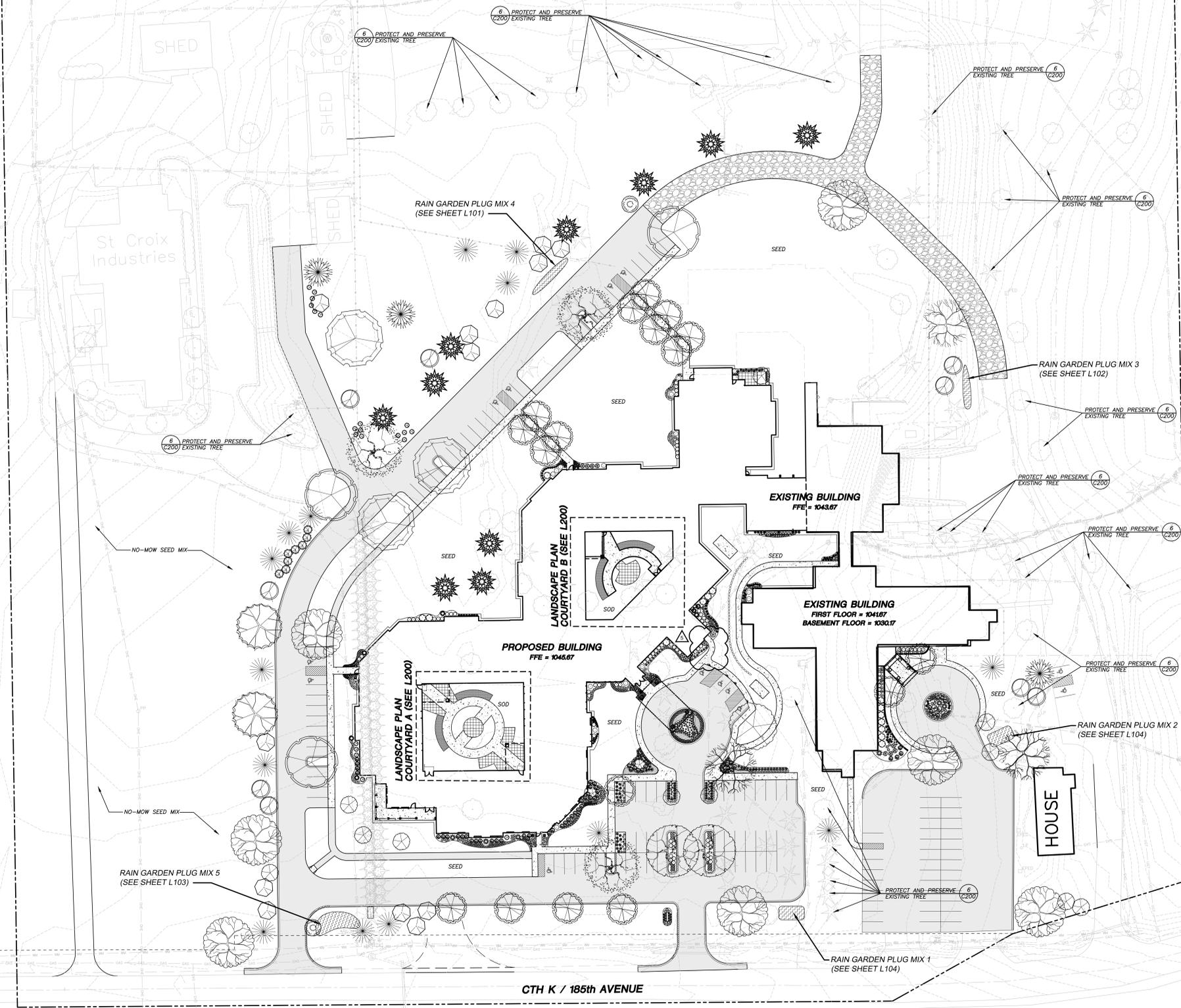
- GENERAL NOTES**
- REFER TO THE EXISTING CONDITIONS SURVEY, PROVIDED BY OTHERS, FOR EXISTING CONDITIONS NOTES AND LEGEND. JSD DOES NOT TAKE RESPONSIBILITY FOR ANY BENCHMARKS LOCATED ON THE SURVEY PROVIDED BY OTHERS.
  - ALL WORK IN THE ROW AND/OR PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF NEW RICHMOND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND PERFORMED BY A CITY LICENSED CONTRACTOR.
  - JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES.
  - DRAWING FOR REVIEW - NOT FOR CONSTRUCTION UNLESS OTHERWISE NOTED IN THE TITLE BLOCK.
  - THE LANDSCAPE CONTRACTOR SHALL COORDINATE ALL FINE GRADING AND TOPSOILING WITH GENERAL CONTRACTOR.
  - REFER TO SHEET L200 FOR ADDITIONAL DETAILS, NOTES AND SPECIFICATION INFORMATION INCLUDING MATERIALS, GUARANTEE, AND EXECUTION RELATED TO LANDSCAPE PLAN.

**LANDSCAPE PLANT LIST**

SYM	QTY.	COMMON NAME	BOTANICAL NAME	SIZE	ROOT
<b>TALL DECIDUOUS TREES</b>					
GB	5	Autumn Gold Ginkgo	GINKGO biloba 'Autumn Gold'	2 1/2" Cal	8&B
GB2	2	Autumn Gold Ginkgo	GINKGO biloba 'Autumn Gold'	3 1/2" Cal	8&B
KC*	3	Kentucky Coffeetree	GYMNOCLADIS dioica	2 1/2" Cal	8&B
IH*	1	Imperial Honeylocust	GLEDITSIA inacanthos f. inermis 'Impcole' Imperial	3 1/2" Cal	8&B
IH2*	2	Imperial Honeylocust	GLEDITSIA inacanthos f. inermis 'Impcole' Imperial	2 1/2" Cal	8&B
AF	1	Morgan Freeman Maple	ACER x freemarii 'Morgan'	2 1/2" Cal	8&B
SG*	2	Sienna Glen Maple	ACER x freemarii 'Sienna' (PP11322)	2 1/2" Cal	8&B
PP*	3	Prairie Pride Common Hackberry	CELTIS occidentalis 'Prairie Pride'	2 1/2" Cal	8&B
OG	7	October Glory Red Maple	ACER rubrum 'October Glory'	2 1/2" Cal	8&B
<b>TALL EVERGREEN TREES</b>					
WP	3	White Pine	PINUS strobus	3-4' Ht.	8&B
BHS	14	Black Hills Spruce	PICEA glauca var. densata	3-4' Ht.	8&B
NS	10	Norway Spruce	PICEA abies	3-4' Ht.	8&B
<b>MEDIUM DECIDUOUS TREES</b>					
CSP	14	Cleveland Select Pear	PYRUS Calleryana 'Cleveland Select'	1 1/2" Cal.	8&B
TCH	9	Thornless Cockspur Hawthorn	CRATAEGUS crus-galli var. inermis	1 1/2" Cal.	8&B
AMF	13	Amur Maple 'Flame' (Multistem)	ACER ginnala 'Flame'	1 1/2" Cal.	8&B
<b>MEDIUM EVERGREEN TREES</b>					
AJ	6	Ames Juniper	JUNIPERUS chinensis 'Ames'	3' Ht.	8&B
HA	15	Holmstrup Arborvitae	THUJA occidentalis 'Holmstrup'	3' Ht.	8&B
SA	7	Siberian Arborvitae	THUJA occidentalis 'Wareana'	3' Ht.	8&B
<b>ORNAMENTAL TREES</b>					
ABS*	2	Autumn Brilliance Serviceberry	AMELANCHIER x grandiflora 'Autumn Brilliance'	1 1/2" Cal.	8&B
CS*	13	Canada Serviceberry	AMELANCHIER canadensis 'Shadblow'	1 1/2" Cal.	8&B
<b>TALL DECIDUOUS SHRUBS</b>					
AP	2	Pink Delight Butterfly Bush	BUDDLEJA davidii 'Pink Delight'	18 - 24" Min. Ht.	# 3 Cont.
Re	2	Redosier Dogwood	DOGWOOD officinalis	18 - 24" Min. Ht.	# 3 Cont.
<b>MEDIUM DECIDUOUS SHRUBS</b>					
SWN	21	Summer Wine Ninebark	PHYSOCARPUS opulifolius 'Seward' Summer Wine	18 - 24" Min. Ht.	# 3 Cont.
BRC	14	Brilliant Red Chokeberry	ARONIA arbutifolia 'Brilliantissima'	18 - 24" Min. Ht.	# 3 Cont.
<b>MEDIUM and LOW EVERGREEN SHRUBS</b>					
MA	62	Mini Arcade Juniper	JUNIPERUS sabinia 'Mini Arcade'	15-18" Min. Ht.	# 3 Cont.
TY	84	Taunton Yew	TAXUS x media 'Tauntonii'	15-18" Min. Ht.	# 3 Cont.
<b>LOW DECIDUOUS SHRUBS</b>					
HS	13	Snowhill Hydrangea	HYDRANGEA arborescens 'Grand'	12-24" Min. Ht.	#2 Cont.
PR*	73	Pygmy Ruby Barberry	BERBERIS thunbergii 'Pygmy Ruby'	12-24" Min. Ht.	#2 Cont.
LPS	132	Japanese White Spirea	SPIREA albilora 'Japanese White Spirea'	12-24" Min. Ht.	#2 Cont.
GFS	6	Goldflame Spirea	SPIREA japonica 'Goldflame'	12-24" Min. Ht.	#2 Cont.
<b>PERENNIALS</b>					
LD*	96	Lemon Drop Sedum	SEDUM spurium 'Lemon Drop'	3" Pot	# 1 Cont.
RS	10	Russian Sage	PEROVSKIA atriplicifolia	10 - 12" Ht.	# 1 Cont.
LS	263	Little Goldstar Black-Eyed Susan	RUDBECKIA fulgida var. sullivanii 'Little Goldstar'	10 - 12" Ht.	# 1 Cont.
HRD	85	Happy Returns Daylily	HEMEROCALLIS 'Happy Returns'	10 - 12" Ht.	# 1 Cont.
HG	31	Barbara Mitchell Daylily	HEMEROCALLIS 'Barbara Mitchell'	10 - 12" Ht.	# 1 Cont.
HRS	46	Hosta Royal Standard	HOSTA 'Royal Standard'	10 - 12" Ht.	# 1 Cont.
HRS	32	Hosta Regal Splendor	HOSTA 'Regal Splendor'	10 - 12" Ht.	# 1 Cont.
CA*	63	Chinese Astilbe	ASTILBE chinensis 'Pumila'	10 - 12" Ht.	# 1 Cont.
AVR*	71	Visions in Red Astilbe	ASTILBE x chinensis 'Visions in Red'	10 - 12" Ht.	# 1 Cont.
BOC	48	Blackout Coral Bells	HEUCHERA 'Blackout'	10 - 12" Ht.	# 1 Cont.
KG	128	Gayfeather Blazing Star	LIATRIS spicata 'Kobold'	10 - 12" Ht.	# 1 Cont.
<b>ORNAMENTAL GRASSES</b>					
CA	54	Karl Foerster Feather Reed Grass	CALAMAGROSTIS x acutiflora 'Karl Foerster'	8 - 18" Ht.	# 1 Cont.
PA	26	Dwarf Hameln Fountain Grass	PENISETUM alopecuroides 'Hameln'	8 - 18" Ht.	# 1 Cont.
SSG*	13	Northwind Switch Grass	PANICUM virgatum 'Northwind'	8 - 18" Ht.	# 1 Cont.
BGG*	55	Blue Oat Grass	HELICTOTRICHON sempervirens	8 - 18" Ht.	# 1 Cont.
LB*	52	The Blues Little Bluestem	SCHIZACHYRIUM scoparium 'The Blues'	8 - 18" Ht.	# 1 Cont.
PR	167	Prairie Dropseed	SPOROBOLUS heterolepis	8 - 18" Ht.	# 1 Cont.

\* Denotes Xeriscape Plants

Note to Bidders: Norway Spruce trees shown on this plan will be provided and planted by the owner.



**LEGEND (PROPOSED)**

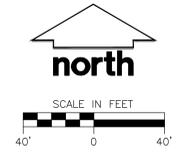
<b>TALL DECIDUOUS TREES</b>	<b>TALL EVERGREEN TREES</b>	<b>MEDIUM EVERGREEN TREES</b>	<b>MEDIUM DECIDUOUS SHRUBS</b>	<b>PERENNIALS</b>	<b>ORNAMENTAL GRASSES</b>
2 1/2" Caliper Autumn Gold Ginkgo	White Pine	Ames Juniper	Summer Wine Ninebark	Lemon Drop Sedum	Karl Foerster Feather Reed Grass
3 1/2" Caliper Autumn Gold Ginkgo	Black Hills Spuce	Holmstrup Arborvitae	Brilliant Red Chokeberry	Russian Sage	Dwarf Hameln Fountain Grass
Kentucky Coffeetree	Norway Spuce	Siberian Arborvitae	Mini Arcade Juniper	Little Goldstar Black-Eyed Susan	Northwind Switch Grass
2 1/2" Caliper Imperial Honey Locust	October Glory Red Maple	<b>ORNAMENTAL TREES</b>	Taunton Yew	Happy Returns Daylily	Blue Oat Grass
3 1/2" Caliper Imperial Honey Locust	Morgan Freeman Maple	Autumn Brilliance Serviceberry	<b>MEDIUM and LOW EVERGREEN SHRUBS</b>	Barbara Mitchell Daylily	The Blues Little Bluestem
		Canada Serviceberry	Mini Arcade Juniper	Hosta Royal Standard	Prairie Dropseed
		<b>TALL DECIDUOUS SHRUBS</b>	Taunton Yew	Hosta Regal Splendor	
		Pink Delight Butterfly Bush	<b>LOW DECIDUOUS SHRUBS</b>	Chinese Astilbe	
		Redosier Dogwood	Snowhill Hydrangea	Visions in Red Astilbe	
			Pygmy Ruby Barberry	Blackout Coral Bells	
			Japanese White Spirea	Gayfeather Blazing Star	
			Goldflame Spirea		

PRELIMINARY  
NOT FOR CONSTRUCTION

LANDSCAPE PLAN OVERVIEW

Scale	Date	Project Number
1" = 20'	5/21/15	146038

**L100**





## **SECTION 00 23 00 WORK CATEGORIES**

With the intent of supplementing and clarifying the scope of work elsewhere defined, and without intending to limit and/or restrict the extent of work required by the Contract Documents, the work generally will consist of the following items and operations listed in each of the attached Work Category descriptions. Each bidder is responsible for insuring that their price is all inclusive of any requirements in related specification sections or contract drawings not included under a specific Work Category.

Each Work Category is identified by a Work Category Number and Work Category Description. These designations shall be placed on the Bid Form and the Work Category Description shall become the scope of work for the successful Contractor selected for each Work Category.

Each Contractor shall examine the Contract Documents of all disciplines to determine the extent of the proposed construction and shall perform the work to conform to construction called for in such manner as not to interfere with or delay work of other Contractors.

It is important that all Bidders review all of the Work Categories as items and statements contained in other Work Categories will clarify the interaction of each Contractor's work with others.

If there is a conflict on a specific item between the Contract Documents and the Work Category Description, the Bid Package Description will govern. However, if an item is covered in the Contract Documents but not reiterated in the Work Category Description, the Bidder shall still be responsible for that item of work.

The following sections apply to all Work Category Bidders:

- All Division 00 sections.
- All Division 01 sections.

### Definitions:

"Furnish and Install" means to provide all labor, materials, insurance, taxes, equipment, etc. to complete the described work, per plans and specifications.

"Install Only" means receive delivery on board, unload, uncrate and install, including all labor, miscellaneous materials, insurance, taxes, and equipment necessary for material supplied by others. This also includes removal of debris generated by materials supplied by others.

"Furnish Only" means deliver, tax and freight includes (FOB job site), materials to the Owner's facility for installation by others. Delivery shall be made during standard working hours and notification of delivery shall be given to Market & Johnson 72 hours in advance.

<b>WORK CATEGORY NUMBER</b>	<b>SPECIFICATION SECTION(S)</b>	<b>PORTION OF WORK</b>
<b>03A</b>  <b>Cast-In-Place Concrete</b>	See Bid Package #2	
<b>03B</b>  <b>Precast Plank</b>	03 41 00 – Precast Structural Concrete .....	Furnish and Install
<b>31A</b>  <b>Earthwork and Utilities</b>	31 05 00 – Common Work Results for Earthwork ..... 31 10 00 – Site Clearing and Grubbing ..... 31 13 16 – Tree Protection ..... 31 20 00 – Earthmoving ..... 31 20 16 – Building Earthwork ..... 31 22 16.15 – Subgrade Preparation ..... 31 22 16.13 – Trenching ..... 31 25 00 – Erosion Control ..... 32 11 23 – Aggregate Base Course ..... 33 10 00 – Water Utilities ..... 33 30 00 – Sanitary Sewerage Utilities ..... 33 40 00 – Storm Sewer Construction .....	Furnish and Install Furnish and Install
<b>32A</b>  <b>Asphalt Paving</b>	32 05 00 – Common Work Results for Exterior Improvements..... 32 12 16 – Asphalt Paving .....	Furnish and Install Furnish and Install
<b>32B</b>  <b>Site Concrete</b>	32 05 00 – Common Work Results for Exterior Improvements..... 32 16 00 – Curbs and Sidewalks .....	Furnish and Install Furnish and Install
<b>32C</b>  <b>Retaining Walls</b>	32 05 00 – Common Work Results for Exterior Improvements..... 32 32 23 – Modular Retaining Wall Systems .....	Furnish and Install Furnish and Install
<b>32D</b>  <b>Landscape</b>	32 05 00 – Common Work Results for Exterior Improvements..... 32 91 19 – Topsoil-Select Fill Materials and Application ..... 32 92 00 – Trees, Shrubs, and Other Plantings ..... 32 92 19 – Seeding and Sodding .....	Furnish and Install Furnish and Install Furnish and Install Furnish and Install
<b>33A - void</b>	now included in Work Category 31A	

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## Work Category 03B – Precast Structural Concrete

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The following information is provided in order to define and describe the scope of work that will be required of the successful Bidder. The scope of work shall include all labor, materials, supervision, equipment, tools, insurance, bonding, taxes, and all other items required to perform this work.

The information is to be complimentary with the collective requirements of all the other Contract Documents. All the Contract Documents, including all disciplines of the specifications and drawings, are included as part of this scope of work.

The Document will become a part of the successful Bidder's Final Contract and outlines the specific scope of work for this Work Category.

**The following specification sections shall be completely furnished and installed under the scope of this bid package.**

Division 00	Procurement and Contracting Requirements
Division 01	General Requirements
Division 3	
03 41 00	Precast Structural Concrete

### Scope of Work – Additional Category Requirements

1. Embeds and anchor bolt shop drawings for all embedded items within the work of other packages shall be provided to the construction manager within 2 weeks of receiving a contract or letter of intent. Delivery of these items shall be made within 2 weeks of receiving the approved shops.
2. Provide precast color and finish samples to construction manager within 2 weeks of receiving a contract or letter of intent.
3. Complete engineering and shop drawings shall be provided to the construction manager within 4 weeks of receiving a contract or letter of intent. The precast shall be delivered to the site within 4 weeks (or per construction schedule if longer) of receiving the approved shops.
4. Package 3 includes erection. Coordinate erection plan with construction manager prior to sequencing production of materials.
5. All opening are to be provided in the precast plank, including but not limited to doors, windows, corridors, ducts, cable tray, elevator shafts, chases, skylights, and any other penetrations requiring engineering.
6. Coordination including but not limited to package 21 fire protection, 22A plumbing, 23A HVAC, 26 Electrical
7. Precast deliveries should be coordinated with the construction manager 24 hours in advance of the delivery. No more than two loads of precast shall b on site at any one time to prevent traffic congestion.
8. The site access route provided in the contract documents shall be adhered to at all times without exception.
9. Interior and exterior caulking of all precast to precast components provided by package 3.
10. Any floor openings incorrectly cast, will be the responsibility of package 3 to provide the correct opening.

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## Work Category 31A- Earthwork

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The following information is provided in order to define and describe the scope of work that will be required of the successful Bidder. The scope of work shall include all labor, materials, supervision, equipment, tools, insurance, bonding, taxes, and all other items required to perform this work.

The information is to be complimentary with the collective requirements of all the other Contract Documents. All the Contract Documents, including all disciplines of the specifications and drawings, are included as part of this scope of work.

The Document will become a part of the successful Bidder's Final Contract and outlines the specific scope of work for this Work Category.

**The following specification sections shall be completely furnished and installed under the scope of this Bid Package.**

Division 00	Procurement and Contracting Requirements
Division 01	General Requirements
Division 31	
31 05 00	Common Work Results for Earthwork
31 10 00	Site Clearing and Grubbing
31 13 16	Tree Protection
31 20 00	Earthmoving
31 20 16	Building Earthwork
31 22 16.15	Subgrade Protection
31 22 16.13	Trenching
31 25 00	Erosion Control
32 11 23	Aggregate Base Course
Division 33	
33 10 00	Water Utilities
33 30 00	Sanitary Sewerage Utilities
33 40 00	Storm Sewer Construction

### Scope of Work – Additional Category Requirements

1. Site removals, included but not limited to, curb and gutter, sidewalk, concrete paving, bituminous pavement, gravel, site utilities, abandoned utilities, hydrants, miscellaneous foundations, trees, stumps, top soil and all other site elements indicated to be removed from the site. At locations where hard surfaces are to be removed, a clean, straight sawcut shall be provided around the perimeter of the removal and terminated at the nearest construction joint.
2. Provide sub-grade for slab-on-grade, footings, foundations, curb and gutter, concrete paving, sidewalks, landscaping, rock beds, seeded areas, sodded areas, generator pad, transformer pad, chiller pads, and monument sign. The compacted sub-grade shall be provided within - .05 feet of the finished sub-grade elevation.
3. Provide granular sand cushion/sand base for the slab-on-grade and stoops. The sand base shall be provided within - .05 feet of the finished elevation. Bid Package 31A shall be responsible for coordinating the acceptance of the final grades with Bid package 06 Building Works and the Construction Manager. If the final elevation is not accepted by the Construction Manager and Bid Package 06 Building Works, prior to Bid Package 31A demobilizing , any corrective work to adjust the finished grade elevations shall be the financial responsibility of Bid package 31A. Note the granular base for the slab on grade is not currently apart of previous bid packages and must be included for the entire building footprint.

4. Bid Package 31A shall provide the sub-base and base for the work of Exterior Concrete Paving, including but not limited to, curb and gutter, aprons and slabs, sidewalks, pedestrian curb ramps, concrete paving, generator pad, chiller pad, and transformer pad.
5. Bid Package 31A shall provide complete dewatering of the site at all times to protect the sub-grade from becoming unstable and maintaining the stability of the sub-base materials. Dewatering and/or replacement of unsuitable materials shall be provided immediately as directed by the Construction Manager or Geo-Technical Engineer. Bid Package 31 shall be responsible for site dewatering for the entirety of the project.
6. Provide complete winter weather protection and snow removal for the work of this Bid Package. Snow removal for general access to the site, trailers, on-site parking, and access to the building shall be provided by Bid Package 31A until the slab-on-grade sub-base is completed. Upon completion of the slab-on-grade sub-base, the Construction Manager will accept responsibility for the snow removal for the general access to the site.
7. Provide complete protection of existing site features surrounding the project for the complete installation of the work of this Bid Package, including but not limited to, paving, curb and gutter, sidewalks, street signs, light poles, buildings, utilities, trees, and green spaces. The complete removal and replacement of the damaged site features shall be the responsibility of Bid Package 31A.
8. Bid Package 31A will bring the fire main and domestic water service into the building and terminate it 1'-0" above the finished floor. Bid Package 21 Fire Protection and Bid Package 22A Plumbing is to connect to the mains at that point. This Bid Package is to coordinate with Bid Package 21 Fire Protection and Bid Package 22A Plumbing for the exact location (north/south and east/west), where the main is to be located within the building.
9. All permitting not included in the general building permit, including but not limited to, street permits, parking permits, and sewer and water access changes shall be provided by Bid Package 31A
10. Provide and place topsoil as required. Bid Package 32D – Landscaping will final prep areas for planting.
11. Asphalt patching will be by others. Provide suitable base as defined above.

## **Work Category 32A- Asphalt Paving**

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The following information is provided in order to define and describe the scope of work that will be required of the successful Bidder. The scope of work shall include all labor, materials, supervision, equipment, tools, insurance, bonding, taxes, and all other items required to perform this work.

The information is to be complimentary with the collective requirements of all the other Contract Documents. All the Contract Documents, including all disciplines of the specifications and drawings, are included as part of this scope of work.

The Document will become a part of the successful Bidder's Final Contract and outlines the specific scope of work for this Work Category.

**The following specification sections shall be completely furnished and installed under the scope of this Bid Package.**

Division 00	Procurement and Contracting Requirements
Division 01	General Requirements
Division 32	
32 05 00	Common Work Results for Exterior Improvements
32 12 16	Asphalt Paving

### **Scope of Work – Additional Category Requirements**

1. Provide striping and pavement markings at all locations shown on the contract documents, including concrete surfaces not installed in this package.
2. Provide separate mobilizations for the installation of the base course and binder course.
3. Power washing and cleaning of surfaces as required for proper installation of striping and pavement markings.
4. Placing and grading of base course under asphalt paving shall be provided by WC 31A ~~this work package~~.
5. Include layout as necessary for the scope of this work package.
6. Provide allowance of 200 SY of patch work as directed by the Construction Manager.

## **Work Category 32B- Site Concrete**

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The following information is provided in order to define and describe the scope of work that will be required of the successful Bidder. The scope of work shall include all labor, materials, supervision, equipment, tools, insurance, bonding, taxes, and all other items required to perform this work.

The information is to be complimentary with the collective requirements of all the other Contract Documents. All the Contract Documents, including all disciplines of the specifications and drawings, are included as part of this scope of work.

The Document will become a part of the successful Bidder's Final Contract and outlines the specific scope of work for this Work Category.

**The following specification sections shall be completely furnished and installed under the scope of this Bid Package.**

Division 00	Procurement and Contracting Requirements
Division 01	General Requirements
Division 32	
32 05 00	Common Work Results for Exterior Improvements
32 16 00	Curbs and Sidewalks

### **Scope of Work – Additional Category Requirements**

1. Protection of adjacent finished work during the installation of the work of this Package.
2. Package includes sidewalks, concrete paving, vertical curb, curb and gutter, etc.
3. Coordination with Package 31A for all grading and finish grading requirements.
4. Layout to be included as necessary to perform the work of this Bid Package.
5. Winter Protection as required to perform the scope of work in this Package.
6. It is the responsibility of this package to protect its work until Owner acceptance.
7. Provide and install truncated dome sections as shown.

## **Work Category 32C- Retaining Walls**

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The following information is provided in order to define and describe the scope of work that will be required of the successful Bidder. The scope of work shall include all labor, materials, supervision, equipment, tools, insurance, bonding, taxes, and all other items required to perform this work.

The information is to be complimentary with the collective requirements of all the other Contract Documents. All the Contract Documents, including all disciplines of the specifications and drawings, are included as part of this scope of work.

The Document will become a part of the successful Bidder's Final Contract and outlines the specific scope of work for this Work Category.

**The following specification sections shall be completely furnished and installed under the scope of this Bid Package.**

Division 00	Procurement and Contracting Requirements
Division 01	General Requirements
Division 32	
32 05 00	Common Work Results for Exterior Improvements
32 91 19	Topsoil-Select Fill Materials and Application
32 32 23	Modular Retaining Wall Systems

### **Scope of Work – Additional Category Requirements**

1. Work Category 32C will be responsible for placing topsoil (coordinate 31A and 32D)
2. Protection of adjacent finished work during the installation of the work of this package.
3. Package 32C shall provide measures to prevent top soil and planting materials from washing out prior to the permanent plantings being established. Top soil correction and replanting shall be provided until the permanent plantings are established.
4. Protection of adjacent finished work during the installation of the work of this Package. (sidewalks, curbs, asphalt paving, etc.)
5. Includes both Modular Block wall and Boulder wall construction.

## **Work Category 32D - Landscaping**

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The following information is provided in order to define and describe the scope of work that will be required of the successful Bidder. The scope of work shall include all labor, materials, supervision, equipment, tools, insurance, bonding, taxes, and all other items required to perform this work.

The information is to be complimentary with the collective requirements of all the other Contract Documents. All the Contract Documents, including all disciplines of the specifications and drawings, are included as part of this scope of work.

The Document will become a part of the successful Bidder's Final Contract and outlines the specific scope of work for this Work Category.

**The following specification sections shall be completely furnished and installed under the scope of this Bid Package.**

Division 00	Procurement and Contracting Requirements
Division 01	General Requirements
Division 32	
32 05 00	Common Work Results for Exterior Improvements
32 91 19	Topsoil-Select Fill Materials and Application
32 92 00	Trees, Shrubs, and Other Plantings
32 92 19	Seeding and Sodding

### **Scope of Work – Additional Category Requirements**

1. Work Category 32A will be responsible for furnishing and placing topsoil, planting soil or required bedding materials are the responsibility of WC 32D.
2. Protection of adjacent finished work during the installation of the work of this package.
3. Package 32D shall provide measures to prevent top soil and planting materials from washing out prior to the permanent plantings being established. Top soil correction and replanting shall be provided until the permanent plantings are established.
4. Protection of adjacent finished work during the installation of the work of this Package. (sidewalks, curbs, asphalt paving, etc.)

**SECTION 00 41 00  
BID FORM**

PROJECT: Bid Package #1  
St. Croix County Health Center - Additions and Renovation  
New Richmond, WI

BID DEADLINE: Tuesday, July 14, 2015, @ 2:00 p.m. local time

BID TO: St. Croix County Facilities Department  
Attn: Monica Lucht  
1101 Carmichael Road – Suite G315  
Hudson, WI 54016

or

Fax: (715) 377-5818

or

Email: [bids@co.saint-croix.wi.us](mailto:bids@co.saint-croix.wi.us)

Company Name \_\_\_\_\_

Business Address \_\_\_\_\_  
Street Address City State Zip

Mailing Address \_\_\_\_\_  
P.O. Box City State Zip

Phone Number ( ) \_\_\_\_\_ Fax: Number ( ) \_\_\_\_\_

Contact for Project \_\_\_\_\_ Email Address: \_\_\_\_\_

Authorized Signature \_\_\_\_\_ Title \_\_\_\_\_  
(circle applicable items) Union Non-Union MBE WBE SBE

**SEAL IF BID BY A CORPORATION**

In strict compliance with the Bidding and Contract Documents entitled St. Croix County Health Center - Additions and Renovation and dated June 2, 2015, as prepared by Harty Elving & Associates, Inc, the undersigned have become thoroughly familiar with the terms and conditions of the proposed Contract Documents, local conditions affecting the Work, fully inspected the particulars of the site, and propose the following bid:

A separate Bid Form should be used for each Work Category or for each combination of Work Categories being bid.

***For informational use only provide a labor and material breakdown with each respective Work Category Bid. This information is necessary to assess the sales tax portion and to assist in evaluating the bids.***

Company Name: \_\_\_\_\_ Work Category No(s). \_\_\_\_\_

**WORK CATEGORY NUMBER** \_\_\_\_\_

**BASE BID: All Work as defined in Work Category Number(s) noted above.**

Install Only (see below for inclusions): \$ \_\_\_\_\_.

Furnish Only (see below for inclusions): \$ \_\_\_\_\_.

**Total Bid:** \$ \_\_\_\_\_.

**ALTERNATE #1 – Therapy Pool Addition:**

Install Only (see below for inclusions): \$ \_\_\_\_\_.

Furnish Only (see below for inclusions): \$ \_\_\_\_\_.

**Total Bid:** \$ \_\_\_\_\_.

*“Install Only” means receive delivery on board, unload, uncrate and install, including all labor, miscellaneous materials, insurance, taxes, and equipment necessary for material supplied by others. This also includes removal of debris generated by materials supplied by others.*

*“Furnish Only” means deliver, tax and freight includes (FOB job site), materials to the Owner’s facility for installation by others. Delivery shall be made during standard working hours and notification of delivery shall be given to Market & Johnson 72 hours in advance.*

We acknowledge receipt of Addenda \_\_\_\_\_ through \_\_\_\_\_ inclusive.

**Performance Bond and Labor and Material Payment Bond**

The Bidder  can /  cannot provide Performance and Payment Bond in favor of St. Croix County and Market & Johnson, **if requested**, in the sum of 100% of the Contract Amount. The premium for any bonds will be paid by the Contractor, separate from the amounts quoted above.

The name of the proposed surety is \_\_\_\_\_.

To provide Performance and Payment Bonds:

Base Bid	Add	\$ _____
Alternate #1	Add / Deduct	\$ _____