

## LEGEND

FOUND PIN

EXISTING SIGN

SET 5/8"Ø REBAR

EXISTING STORM MANHOLE

BENCHMARK AND CONTROL POINT

EXISTING STORM INTAKE

LOCATION

EXISTING SANITARY MANHOLE

CENTERLINE

EXISTING ELECTRIC MANHOLE

EXISTING FENCE LINE

EXISTING ELECTRIC HANDHOLE

W/SIZE & DI RECTION

EXISTING FIBER OPTIC MANHOLE

EXISTING SANITARY SEWER

EXISTING FIBER OPTIC BOX

EXISTING ELECTRIC LINE

EXISTING HIGH VOLTAGE ELECTRIC LINE

EXISTING LIGHT POLE

EXISTING WATER LINE

EXISTING POWER POLE

EXISTING FIBER OPTIC LINE

EXISTING TREE BUSH

EXISTING TELEPHONE LINE

EXISTING FIRE HYDRANT

EXISTING GAS LINE

EXISTING HOT WATER LINE

EXISTING STRUCTURE

EXISTING DECIDUOUS TREE (D TREE)

EXISTING CONIFEROUS TREE (C TREE)

EXISTING BOLLARD

EXISTING WATERVALVE

EXISTING PIV HYDRANT

EXISTING WALL LIGHT

EXISTING ELECTRIC C/F.O. VAULT

EXISTING TELEPHONE. VAULT

### UTILITIES LOCATE BY IOWA ONE CALL

Iowa City, City of	319-356-5166
MidAmerican - Electric	319-291-4742
MidAmerican - Gas	319-341-4461
MCI	972-729-6650
Mediacom	319-351-0408
Centurylink	303-664-8090
Iowa Network Services	515-830-0445
Winstream Mcleod	800-289-1901
University of Iowa Lansca	319-335-5294

### UTILITY NOTES

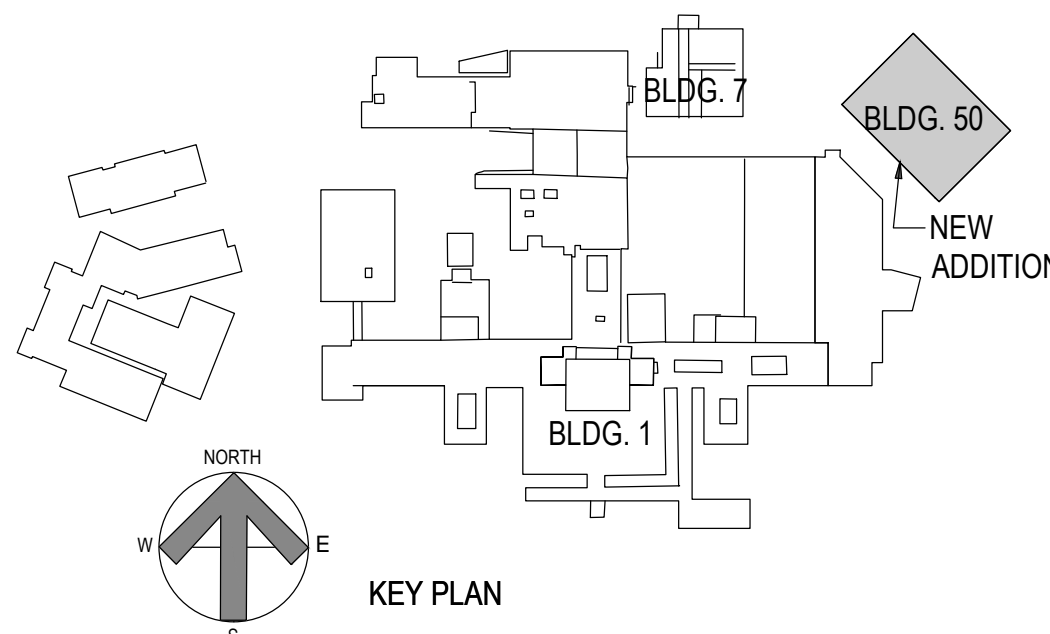
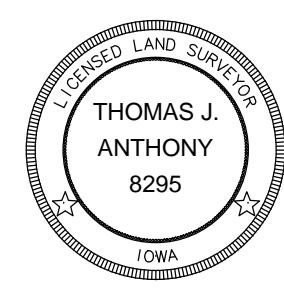
Utility installations as depicted and designated herein are approximate only, and are taken from the following compilation of visible observations: All Call Contractor flag or paint markings on the ground surface; consultant surveyor's observations and measurements; or records and recollections provided by owner's representatives, all in accordance with ASCE Standard 38 - 02 guidelines. Said ASCE guidelines are assigned to the contract documents for the purpose of providing a general indication of the locations of utilities and structures in place. Level A depictions are not provided within the scope of this contract, unless pre-approved and paid for by the client / owner. At best, some depictions are at quality level B, marked by All Call Contractors. Some are at quality level C, as shown on the drawings. Some are at quality level D. Some are quality level D, when previous existing records or recollections are used to plot locations. Shoemaker & Hadfield, PE does not give or imply any warranty or guarantee to the type, size or locations of any utilities shown herein. Shoemaker & Hadfield, PE does not warrant the accuracy of the information shown on the drawings, the existence, location or non location of any utility on site. The standard of care is limited to the above referenced ASCE guidelines. It shall be the duty of the owner, or any contractor working in the field, to verify the location of any utility on an All Call ticket and to verify and protect all utilities within construction limits.





















I hereby certify that this land surveying document was prepared and the related survey work was performed by me or under my direct personal supervision and that I am a duly licensed Land Surveyor under the laws of the State of Iowa.


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Thomas J. Anthony

Pages or sheets covered by this seal: Sheet 1 of



CONSULTANTS:	
 <p>Anderson Engineering of Minnesota, LLC          13605 1st Avenue North          Suite 100          Plymouth, MN 55441          763-412-4000 (o)          763-412-4090 (f)  <a href="http://www.ae-mn.com">www.ae-mn.com</a></p>	<p>AE Proj. #13681</p>

ARCHITECT/ENGINEERS:		project number <b>HII-1125509</b>
		
Heery International Inc. 125 South Dubuque Street, Suite 500, Iowa City, IA 52240-4003 319.354.4700		

Drawing Title
EXISTING CONDITIONS PHASE 1
<b>CONSTRUCTION DOCUMENTS</b>

Project Title			
<b>CONSTRUCT SPECIALTY CLINICS ADDITION</b>			
Location			
<b>ICVA HEALTH CARE SYSTEM</b>			
Date	09/25/2015	Checked	TG
		Drawn	DJ

Building No.  
**BLDG 50**

Project No.  
**VA# 636-315**

DRAWING NO.  
**50-CX1**

Dwg. 7 of 150

Office of  
Construction  
and Facilities  
Management

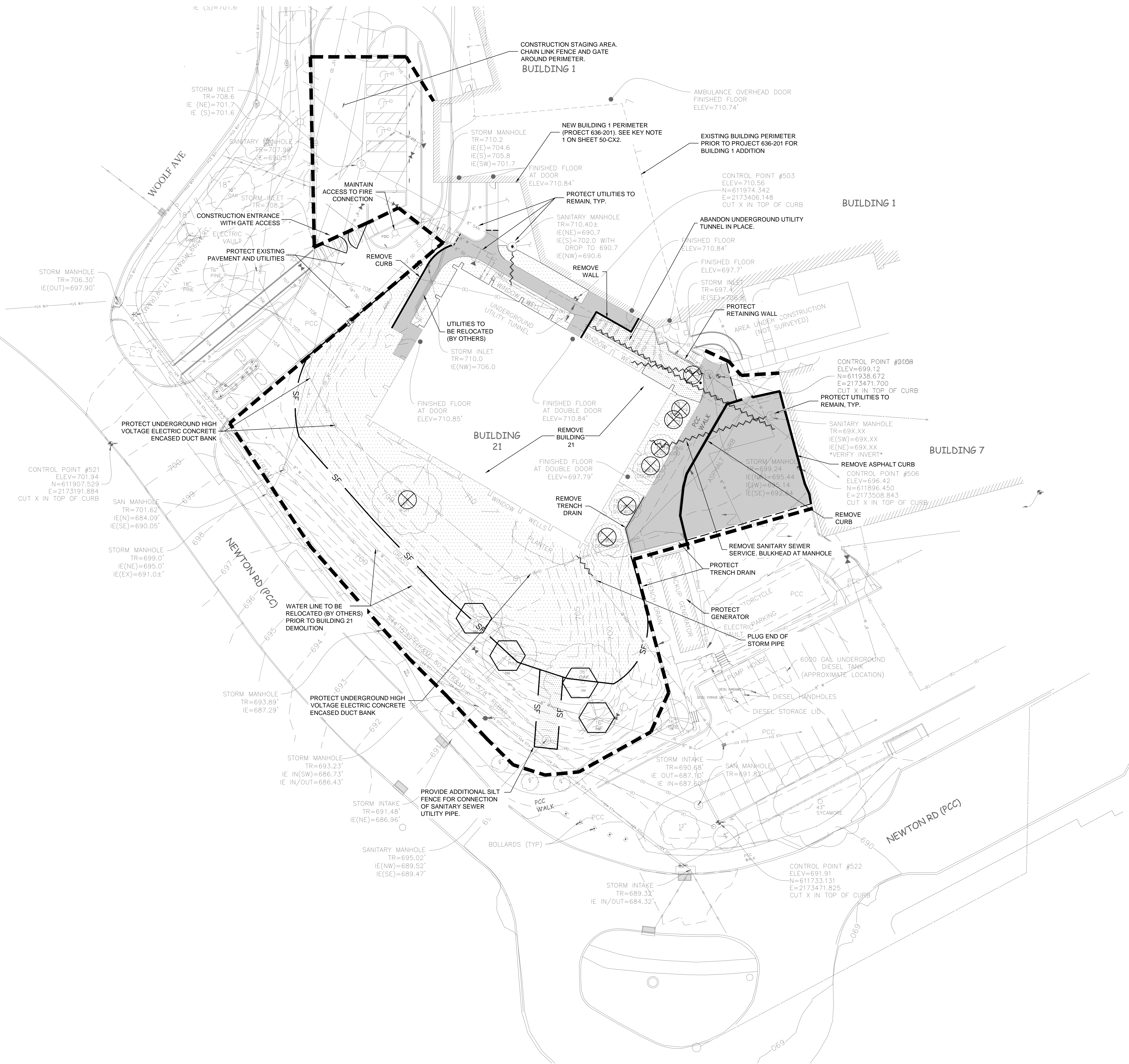
VA U.S. Department  
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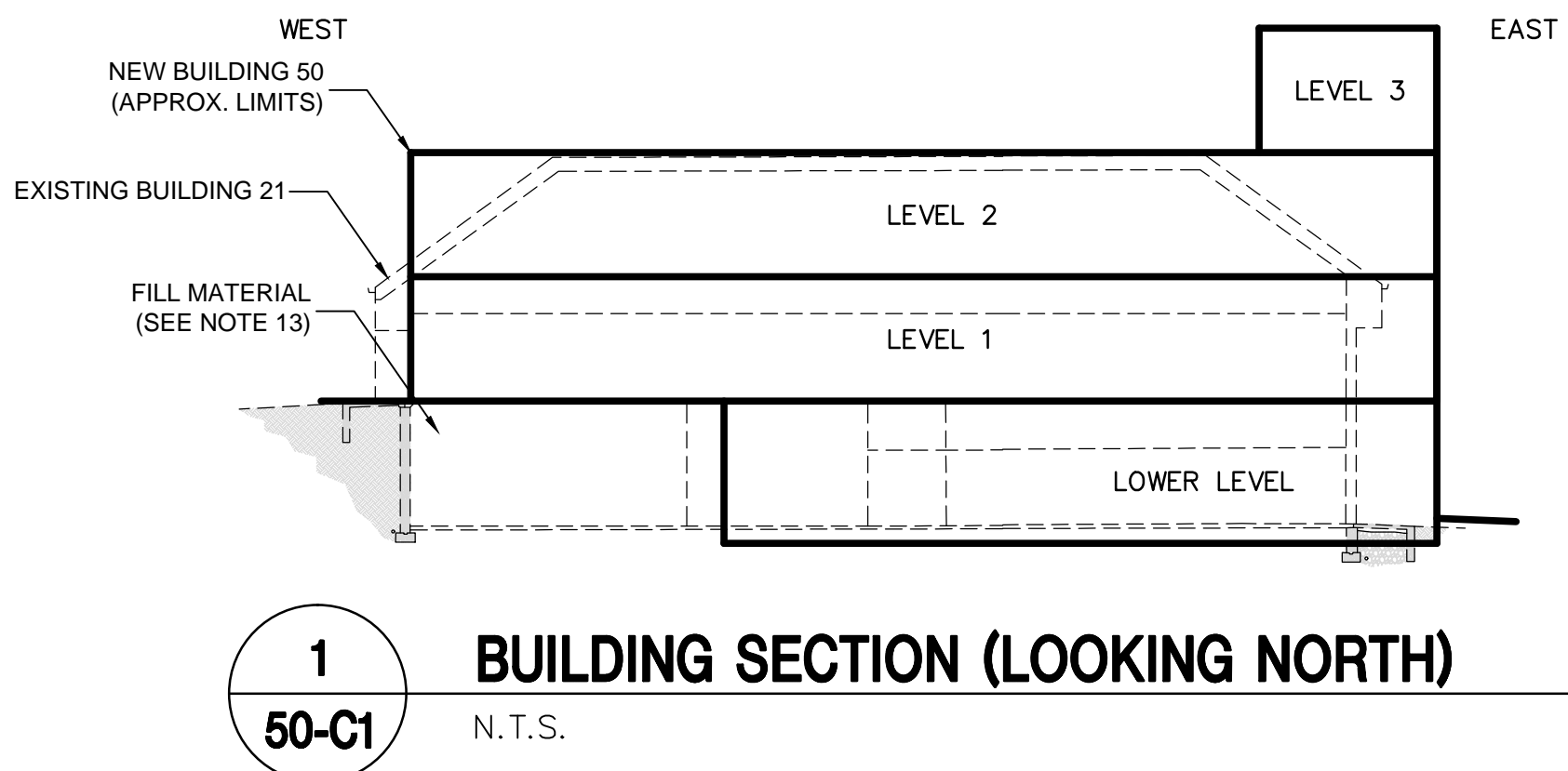
**LEGEND:**

- SAW CUT PAVEMENT FULL DEPTH
- SF — SILT FENCE & PLASTIC MESH CONSTRUCTION FENCE
- ~~~~~ UTILITY DEMOLITION
- REMOVE CURB
- REMOVE WALL
- REMOVE PAVEMENT (FULL DEPTH)
- ▨ REMOVE LANDSCAPING
- ⊗ TREE OR SHRUB REMOVAL
- ⬡ PROTECT TREE
- CONSTRUCTION WORK AREA (FENCED PERIMETER)

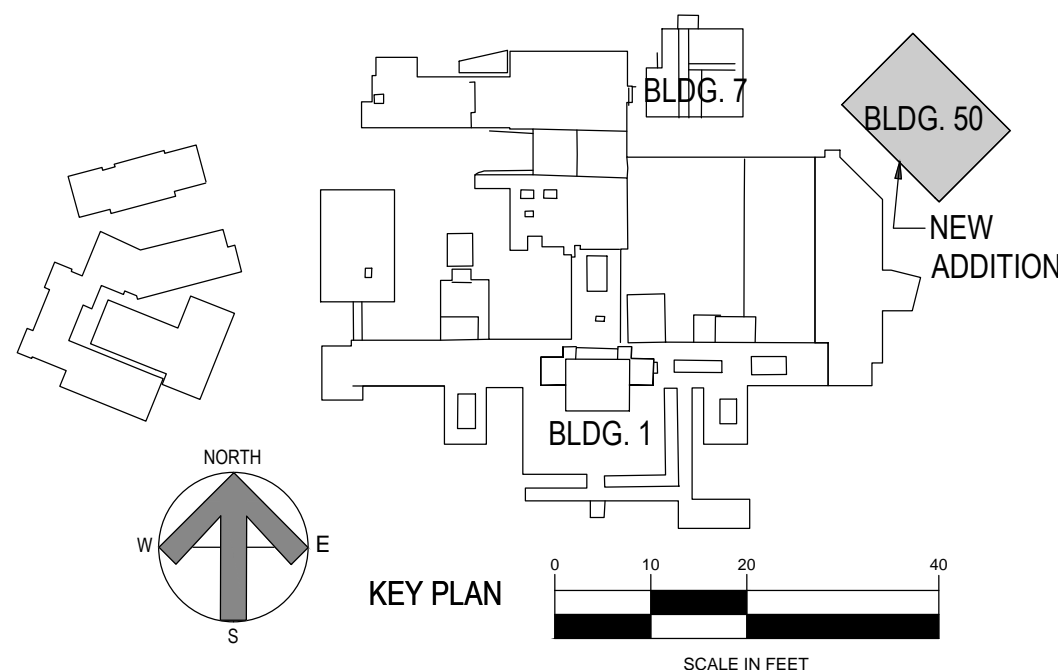
- GENERAL NOTES:**
- EXISTING TOPOGRAPHIC INFORMATION IS FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATION OF ALL BUILDING AND UTILITIES SHOWN. IF ANY DISCREPANCIES ARE FOUND, CONTACT THE PROJECT ENGINEER FOR COORDINATION.
  - ALL WORK TO BE CONSTRUCTED IN A LEGAL MANNER IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.
  - CONTRACTOR SHALL OBTAIN ALL PERMITS PRIOR TO CONSTRUCTION ACTIVITIES.
  - VERIFY EROSION CONTROL MEASURES ARE IN PLACE PRIOR TO STARTING WORK.
  - PHASE DEMOLITION AS NEEDED TO MAINTAIN DRAINAGE AND UTILITIES FOR MINIMAL DISRUPTION.
  - CLEAR AND GRUB AND REMOVE ALL TREES AND SHRUBS WHERE SHOWN TO BE REMOVED. PROTECT TREES SHOWN TO BE PROTECTED. TREE ROOTS SHALL BE REMOVED TO WITHIN 4 FEET MINIMUM OF FINISHED GRADE.
  - CONTRACTOR SHALL REMOVE AND DISPOSE OFF-SITE ALL DEMOLITION ITEMS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS.
  - PATCH IN-KIND ALL DISTURBED PAVEMENTS & CURBS.
  - SEE ELEC. & MECH. DEMO PLANS FOR SALVAGE AND DEMO OF RELATED ITEMS.
  - OWNER'S ACTIVITIES MAY CONTINUE ON THE SITE DURING CONSTRUCTION. PROVIDE PEDESTRIAN DETOUR ROUTES FOR SIDEWALKS THAT ARE CLOSED DURING RECONSTRUCTION, AND AS REQUIRED BY LOCAL JURISDICTION.
  - STREET SWEEP TO PREVENT DIRT AND DEBRIS ENTERING INTO TO THE PUBLIC RIGHT OF WAY, INCLUDING ADJACENT WALKS AND ROADWAYS. MINIMUM DAILY. MAINTAIN CONFORMANCE WITH APPLICABLE STORM WATER POLLUTION PREVENTION PRACTICES.
  - PROTECT ELEMENTS TO REMAIN, INCLUDING BUILDINGS, PAVEMENT, UTILITIES. CONTRACTOR TO REPAIR DAMAGES AT NO COST TO OWNER.
  - UPON DEMOLITION AND REMOVAL OF BUILDING 21, BACKFILL WITH SOILS CLASSIFYING AS FILL MATERIAL. SEE SPECIFICATIONS FOR DEFINITION OF FILL MATERIAL.
  - PLACE 6 FT HEIGHT CHAIN LINK FENCE AROUND PERIMETER OF WORK AREA, WITH VEHICLE ENTRANCE GATE FOR ACCESS. COMPACT BACKFILL MATERIALS AS REQUIRED IN THE PROJECT SPECIFICATIONS.
  - MAINTAIN ACCESS TO FIRE HYDRANT WITHIN CONSTRUCTION STAGING AREA AT ALL TIMES.
  - MAINTAIN CLEAR PATH FROM BUILDING EXITS AS REQUIRED FOR BUILDING ADDITION/CONSTRUCTION.
  - REMOVE PORTION OF UTILITY TUNNEL IN CONFLICT WITH NEW UTILITY TUNNEL. SEE ARCH PLANS FOR LOCATION.


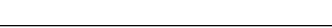
**SURVEY/TOPO NOTES:**

BUILDING, UTILITIES AND SITE CONDITIONS SHOWN AS "EXISTING" ARE BASED ON THE FUTURE CONDITIONS AFTER BUILDING 1 ADDITION AND CIVIL SITE WORK COMPLETION (PROJECT 636-201, CONSTRUCTION 2015-2016). CIVIL SITE AND UTILITY CONNECTIONS FOR THIS PROJECT ARE TO BE MADE TO THE FUTURE UTILITY CONFIGURATION. IF PROJECT CONDITIONS DO NOT EXIST AS SHOWN, CONTRACTOR TO COORDINATE WITH PROJECT ENGINEER.



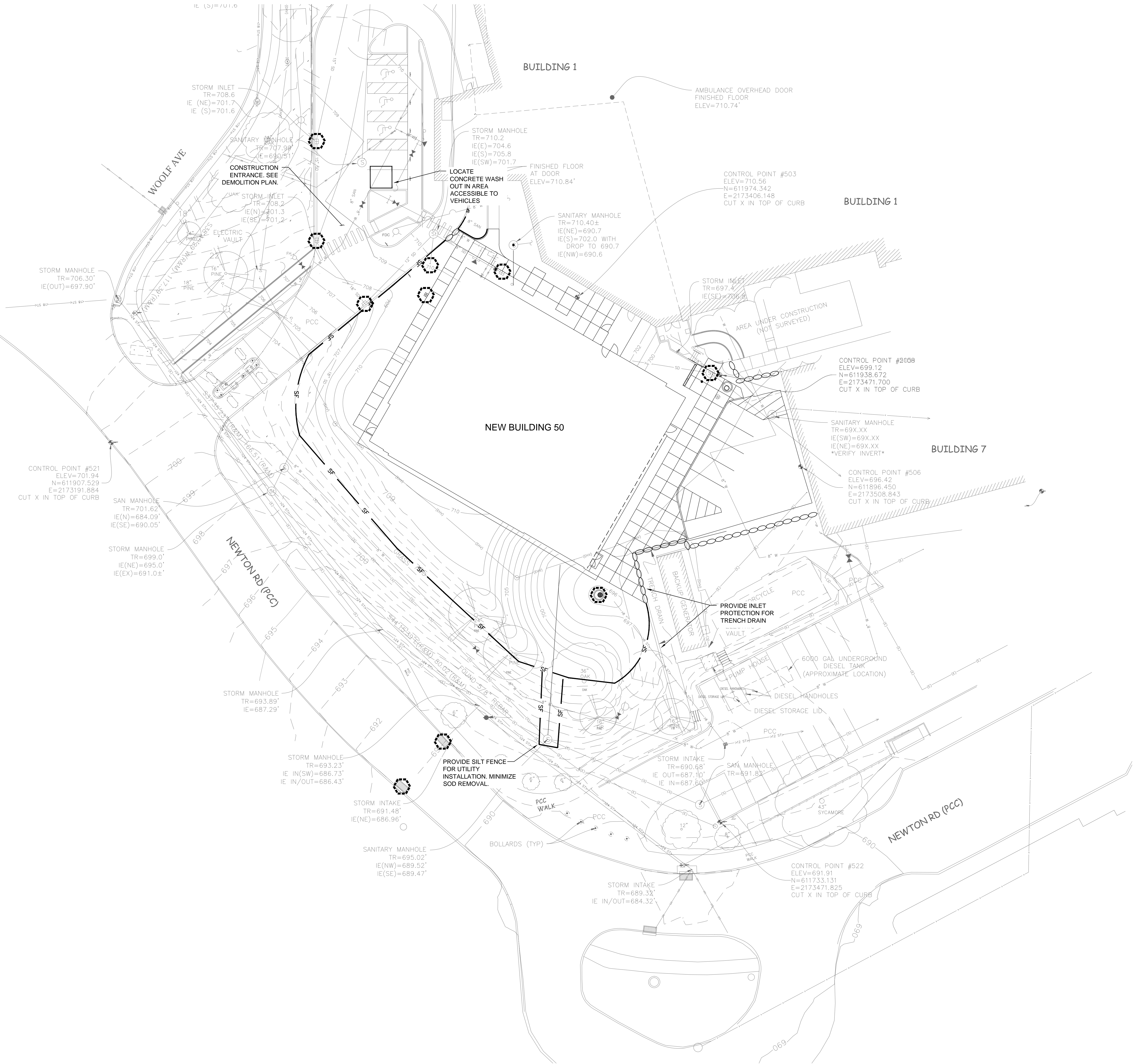
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DIAL 811  
Know what's below,  
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		<b>CONSULTANTS:</b>				<b>ARCHITECT/ENGINEERS:</b>		Drawing Title		Project Title		Building No.		<b>Office of Construction and Facilities Management</b>					
		 Anderson Engineering of Minnesota, LLC 13605 1st Avenue North Suite 100 Plymouth, MN 55441 763-412-4000 (o) 763-412-4090 (f) www.ae-mn.com AE Proj. #13681				 Heery International Inc. 125 South Dubuque Street, Suite 500, Iowa City, IA 52240-4003 319.354.4700		project number HII-1125509		<b>CONSTRUCTION SPECIALTY CLINICS ADDITION</b>		<b>BLDG 50</b>							
										<b>CONSTRUCTION DOCUMENTS</b>		Location <b>ICVA HEALTH CARE SYSTEM</b>				Project No. <b>VA# 636-315</b>			
Revisions		Date										Drawing No. <b>50-C1</b>				Dwg. 9 of 150			
												Date <b>09/25/2015</b>		Checked <b>TG</b>		Drawn <b>DJ</b>		VA U.S. Department of Veterans Affairs	



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**LEGEND:**

- SF SILT FENCE (PERIMETER OF SOIL DISTURBANCE)
- BIO ROLL BIO ROLL
- INLET PROTECTION INLET PROTECTION

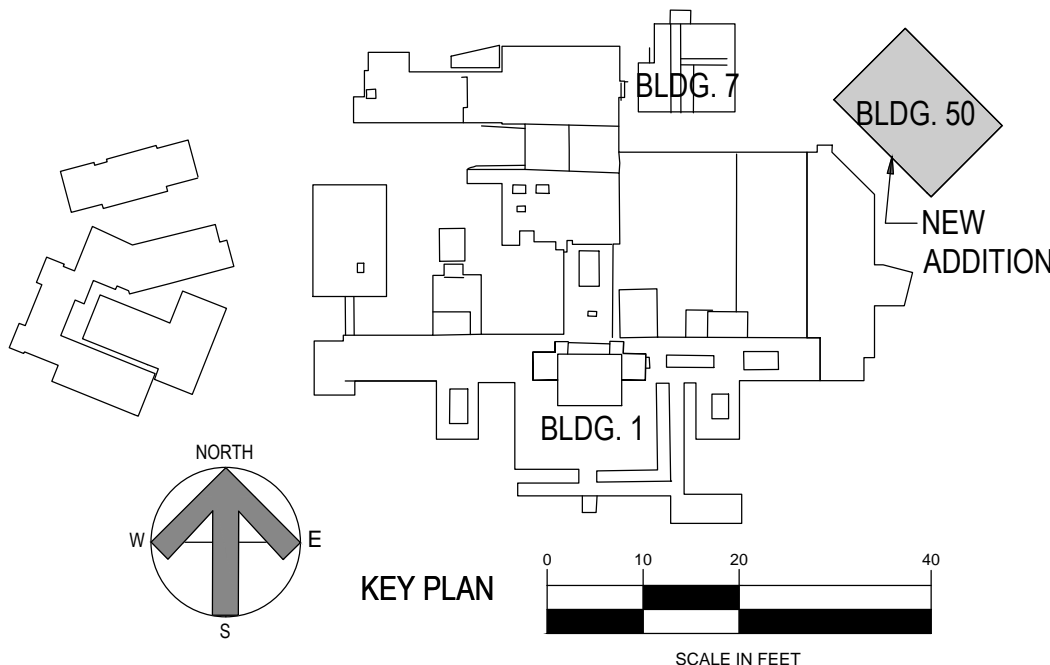
- STORM WATER POLLUTION PREVENTION PLAN NOTES:**
1. GRADING CONTRACTOR SHALL VERIFY LOCATIONS AND ELEVATIONS OF ALL UNDERGROUND UTILITIES WITH THE RESPECTIVE UTILITY COMPANIES PRIOR TO CONSTRUCTION. WHERE UTILITIES ARE LOCATED BY STATE ONE-CALL SERVICE, THE CONTRACTOR SHALL EMPLOY A LOCATOR AT OWN EXPENSE.
  2. ALL EROSION CONTROL MEASURES CALLED FOR ON THESE PLANS AND SPECIFICATIONS, WHICH MAY INCLUDE SILT FENCE, SEDIMENTATION BASINS OR TEMPORARY SEDIMENT TRAPS, SHALL BE CONSTRUCTED AND SERVICEABLE IN THE FOLLOWING ORDER:
    - A. ROCK CONSTRUCTION ENTRANCES A MINIMUM OF 50 FEET.
    - B. SILT FENCE.
    - C. TEMPORARY SEDIMENTATION BASINS AND OUTFALL FACILITIES.
    - D. COMMON EXCAVATION AND EMBANKMENT (GRADING).
    - E. SOD.
    - F. BIO-ROLL BARRIERS, EROSION CONTROL BLANKETS IN FINISHED GRADED AREAS.
    - G. INLET AND OUTLET FACILITIES SUBSEQUENT TO STORM SEWER WORK.
  3. GRADING CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL EROSION CONTROL MEASURES IN ACCORDANCE WITH CITY AND NPDES PHASE II PERMITTING REQUIREMENTS AS WELL AS EROSION CONTROL MEASURES AS MAY BE SHOWN ON THESE PLANS OR SPECIFICATIONS. GRADING CONTRACTOR SHALL IMPLEMENT ANY ADDITIONAL EROSION CONTROL MEASURES AS MAY BE REQUIRED TO PROTECT ADJACENT PROPERTY.
  4. ALL EROSION CONTROL FACILITIES SHALL BE MAINTAINED BY THE CONTRACTOR DURING GRADING OPERATIONS. ANY TEMPORARY FACILITIES WHICH ARE TO BE REMOVED AS CALLED FOR ON THESE PLANS AND SPECIFICATIONS SHALL BE REMOVED BY THE GRADING CONTRACTOR WHEN DIRECTED BY THE COR AFTER TURF ESTABLISHMENT. THE GRADING CONTRACTOR SHALL THEN RESTORE THE SUBSEQUENTLY DISTURBED AREA IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS.
  5. THE GRADING CONTRACTOR SHALL SCHEDULE THE TESTING LABORATORY SO THAT CERTIFICATION OF ALL FILLS WILL BE FURNISHED TO THE OWNER DURING AND UPON COMPLETION OF THE PROJECT.
  6. ALL DISTURBED AREAS, EXCEPT AREAS TO BE PAVED AND/OR SPECIFICALLY DESIGNED BY A LANDSCAPE PLAN, SHALL BE COVERED WITH A MINIMUM 6" OF TOP SOIL. ALL DISTURBED AREAS SHALL BE SEEDED & MULCHED AT THE PRESCRIBED RATES WITHIN 72 HOURS OF FINAL GRADING UNLESS OTHERWISE NOTED. ALL EXPOSED SOIL AREAS WITH A CONTINUOUS POSITIVE SLOPE WITHIN 200 LINEAL FEET OF ANY SURFACE WATER, MUST HAVE TEMPORARY EROSION PROTECTION OR PERMANENT COVER FOR THE EXPOSED SOIL AREAS YEAR ROUND, ACCORDING TO THE FOLLOWING TABLE OF SLOPES AND TIME FRAMES.

TYPE OF SLOPE	TIME (Maximum time an area can remain open when the area is not actively being worked)
STEEPER THAN 3:1	7 DAYS
10:1 TO 3:1	14 DAYS
FLATTER THAN 10:1	14 DAYS
  7. THE EXISTING TOPOGRAPHY AND CONTOUR ELEVATIONS SHOWN ON THE PLANS ARE PROVIDED AS CURRENT AND ACCURATE, EXCLUDING THE AREAS IDENTIFIED IN THE PLANS WHERE OWNER ACTIVITIES HAVE OCCURRED AFTER THE SURVEY. CONTRACTOR TO FIELD VERIFY SITE CONDITIONS.
  8. CONTRACTORS GRADING AND EROSION CONTROL OPERATIONS SHALL TAKE PLACE WITHIN THE CONSTRUCTION LIMITS.
  9. IT IS REQUIRED THAT SOILS TRACKED FROM THE SITE BY MOTOR VEHICLES BE CLEANED DAILY FROM PAVED ROADWAY SURFACES THROUGHOUT THE DURATION OF CONSTRUCTION CEMETERY MAINTENANCE ROADS SHALL ALSO BE MAINTAINED AND CLEAN. PAVED ROADS WITH TRACTED SEDIMENT SHALL BE SWEEPED DAILY WITH A PICK-UP STYLE BROOM.
  10. PROVIDE TEMPORARY SEDIMENTATION BASINS AS DIRECTED BY THE ENGINEER.
  11. THE CONTRACTOR SHALL OBTAIN AN IOWA STORMWATER PERMIT PRIOR TO GRADING ACTIVITY. ALL PERMIT FEES AND FINES PERTAINING TO STORMWATER MANAGEMENT INCLUDING THE WATERSHED, LOCAL, STATE, AND NATIONAL, ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
  12. DEWATERING AND/OR BASIN DRAINING DISCHARGE SHALL BE DIRECTED TO SEDIMENTATION BASINS WHEREVER POSSIBLE. ALL DISCHARGE POINTS SHALL BE ADEQUATELY PROTECTED FROM EROSION & SCOUR THROUGH USE OF APPROVED ENERGY DISSIPATION DEVICES.
  13. ALL SOLID WASTE/ CONSTRUCTION DEBRIS SHALL BE DISPOSED OF IN ACCORDANCE WITH FEDERAL & STATE REQUIREMENTS. HAZARDOUS MATERIALS SHALL BE STORED/ DISPOSED OF IN COMPLIANCE WITH LOCAL REGULATIONS.
  14. THE WORK TO MAINTAIN CONFORMANCE WITH THE CITY PERMIT REQUIREMENTS, SHALL CONSIST OF OPERATIONS NECESSARY TO RAPIDLY STABILIZE SMALL CRITICAL AREAS, TO PREVENT OFF SITE SEDIMENTATION AND/OR TO COMPLY WITH PERMIT REQUIREMENTS. THE WORK MAY BE PERFORMED AT ANY TIME DURING THE CONTRACT AND DURING NORMAL WORKING HOURS. THIS WORK WILL BE CONDUCTED ON SMALL AREAS THAT MAY OR MAY NOT BE ACCESSIBLE WITH NORMAL EQUIPMENT. THIS WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE STATE DOT STANDARD SPECIFICATIONS, THE DETAILS SHOWN IN THE PLANS, AND THE FOLLOWING:
    - METHOD #1: APPLY TYPE 1 MULCH AND DISC ANCHOR
    - METHOD #2: APPLY TYPE 1 MULCH AND TACK WITH TYPE 5 HYDRAULIC SOIL STABILIZER
    - METHOD #3: HYDROSPREAD SEED, FERTILIZER AND TYPE 6 HYDRAULIC SOIL STABILIZER
    - METHOD #4: HAND INSTALL SEED, FERTILIZER AND EROSION CONTROL BLANKET CATEGORY 3
    - METHOD #5: PLACE GEOTEXTILE AND RIP RAP CLASS II IN VARIOUS CONFIGURATIONSTHESE EFFORTS WILL BE INCIDENTAL TO THE EROSION CONTROL BID ITEM.
  15. CONTRACTOR SHALL PROVIDE A TEMPORARY SEDIMENTATION BASIN ON SITE FOR CONSTRUCTION WASH OUT USE. TEMPORARY BASIN SHALL BE LOCATED AS TO PROVIDE EASY ACCESS FOR CONSTRUCTION VEHICLES AND CONCRETE TRUCKS AS NECESSARY.
  16. INLET SEDIMENTATION CONTROL IS TO BE PROVIDED TO ALL STORM SEWER CATCH BASINS THROUGHOUT CONSTRUCTION. MEASURES APPLIED SHALL BE APPROPRIATE FOR EACH PHASE OF CONSTRUCTION. THE CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES IN ACCORDANCE WITH STATE AND NPDES REQUIREMENTS.
  17. INSPECT EROSION CONTROL MEASURES ROUTINELY AND FREQUENTLY AND PER LOCAL STATE AND PERMIT REQUIREMENTS. SEE STORM WATER POLLUTION PREVENTION PLAN TABLE BELOW.
  18. CONTRACTOR TO PROVIDE EROSION CONTROL MEASURES THROUGHOUT CONSTRUCTION ACTIVITY AND MODIFY ACCORDINGLY DURING CONSTRUCTION PHASING.

STORM WATER POLLUTION PREVENTION PLAN SCHEDULE OF INSTALLATION & MAINTENANCE			
ITEM	INSTALLATION	INSPECTION & MAINTENANCE	REMOVAL
SILT FENCE	PRIOR TO COMMENCEMENT OF EARTHWORK OPERATIONS.	INSPECT & MAINT. AFTER EACH RUN-OFF EVENT. REMOVE SEDIMENTS AS REQUIRED.	AFTER TRIBUTARY DRAINAGE AREA IS RESTORED.
ROCK CONST. ENTRANCE	PRIOR TO COMMENCEMENT OF EARTHWORK OPERATIONS.	INSPECT REGULARLY. MAINTAIN AS NEEDED.	PRIOR TO PAVING.
SOD TURF	AFTER FINAL GRADING OPERATIONS.	INSPECT & MAINTAIN AFTER HEAVY RAINS. REPLACE WASH-OUT AREAS IMMEDIATELY.	NO REMOVAL NECESSARY.
INLET PROTECTION	UPON INLET CONSTRUCTION	WHEN 1/3 CAPACITY OF BMP IS REACHED	AFTER TRIBUTARY AREAS ARE FULLY RESTORED
CONCRETE WASHOUT	PRIOR TO CONCRETE FORMWORK	INSPECT REGULARLY. MAINTAIN AS NEEDED.	AT COMPLETION OF CONCRETE WORK
SWEEPING	N/A	DAILY SWEEPING	N/A

NOTE: CONTRACTOR IS RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REMOVAL OF ALL APPLICABLE EROSION & SEDIMENT CONTROL ITEMS.

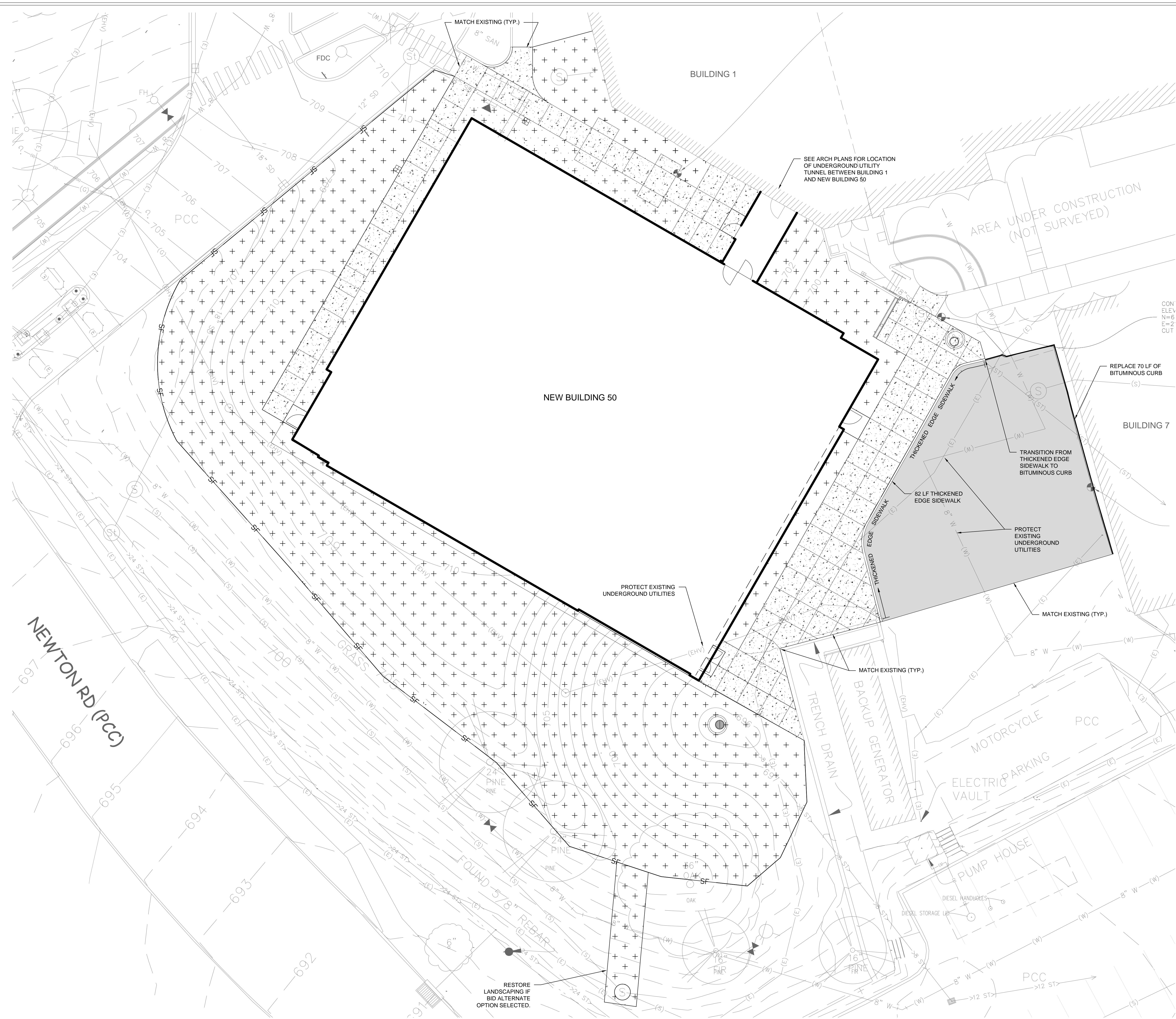
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				CONSTRUCTION DOCUMENTS	Location <b>ICVA HEALTH CARE SYSTEM</b>	Project No. <b>VA# 636-315</b>	
					Date <b>09/25/2015</b>	Checked <b>TG</b>	
					Drawn <b>DJ</b>	Dwg. <b>50-C2</b>	
						10 of 150	



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- LEGEND:
- BITUMINOUS CURB
  - THICKENED EDGE SIDEWALK
  - CONCRETE SIDEWALK
  - ASPHALT PAVEMENT
  - LANDSCAPING (SEE SHEET 50-L1)
  - MANHOLE (SEE SHEET 50-C6)
  - CATCHBASIN (SEE SHEET 50-C6)

- GENERAL NOTES:
- REFER TO ARCHITECTURAL PLANS FOR BUILDING LAYOUT AND DIMENSIONS OF STOOPS AND PRECISE BUILDING DIMENSIONS.
  - REFER TO SITE DEMOLITION PLAN FOR LIMITS OF PAVEMENT REMOVALS.
  - MATCH NEW AND EXISTING PAVEMENT SURFACES AT SAWCUT LINES ALLOWING NO PONDING OF WATER AT JOINTS.
  - ALLOW MINIMUM OF SEVEN (7) DAYS CURE FOR CURB, OR CURB AND GUTTER PRIOR TO PAVING.
  - ALLOW MINIMUM OF 24 HOURS COOLING PRIOR TO ALLOWING TRAFFIC ON BITUMINOUS PAVING.
  - COORDINATE WITH OWNER OR ARCHITECT FOR LOCATION OF RELOCATED SIGNS AND UTILITY POLES.

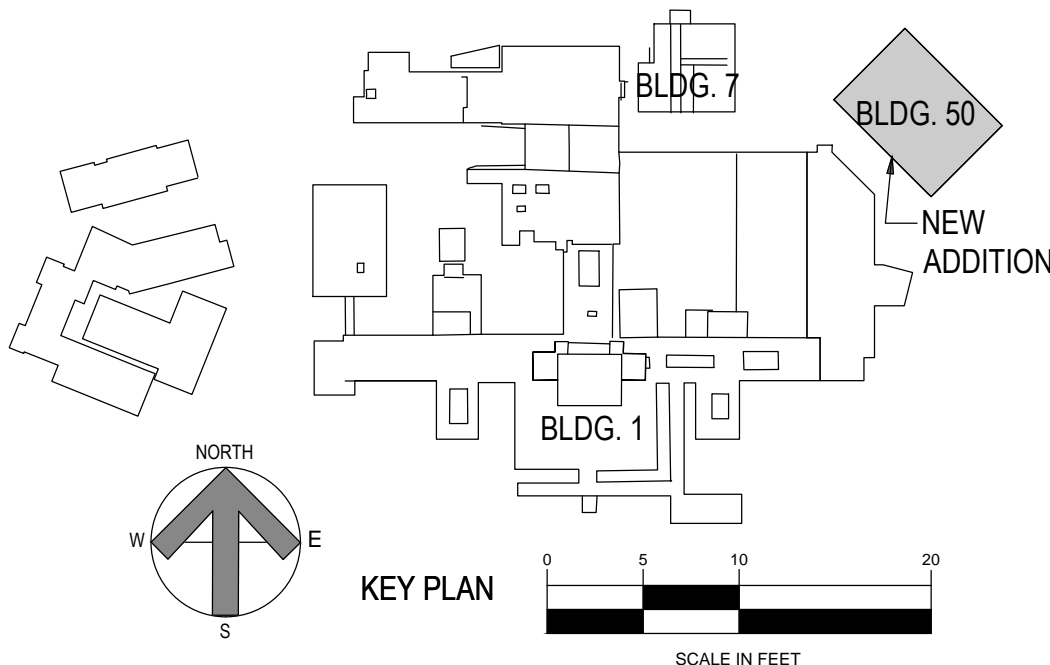
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SURFACE CONDITIONS:

	IMPERVIOUS	PERVIOUS	TOTAL	DIFFERENCE
EXISTING	14,936 SF	12,669 SF	27,605 SF	N/A
PROPOSED	17,083 SF	10,522 SF	27,605 SF	+ 2,147 SF

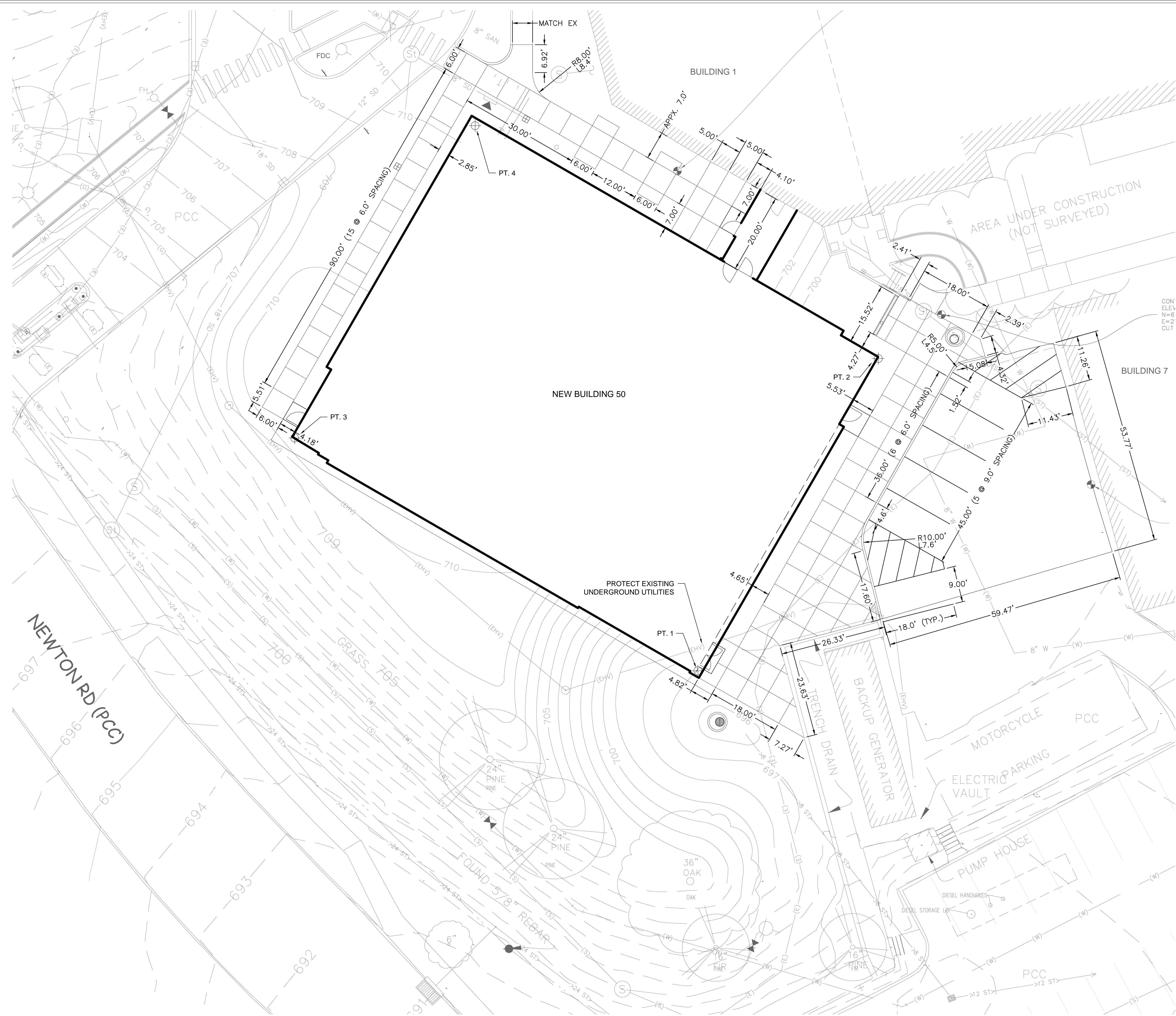
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- LEGEND:
- MANHOLE (SEE SHEET 50-C6)
  - CATCHBASIN (SEE SHEET 50-C6)
  - THICKENED EDGE SIDEWALK
  - GRID LINE POINT INTERSECTION

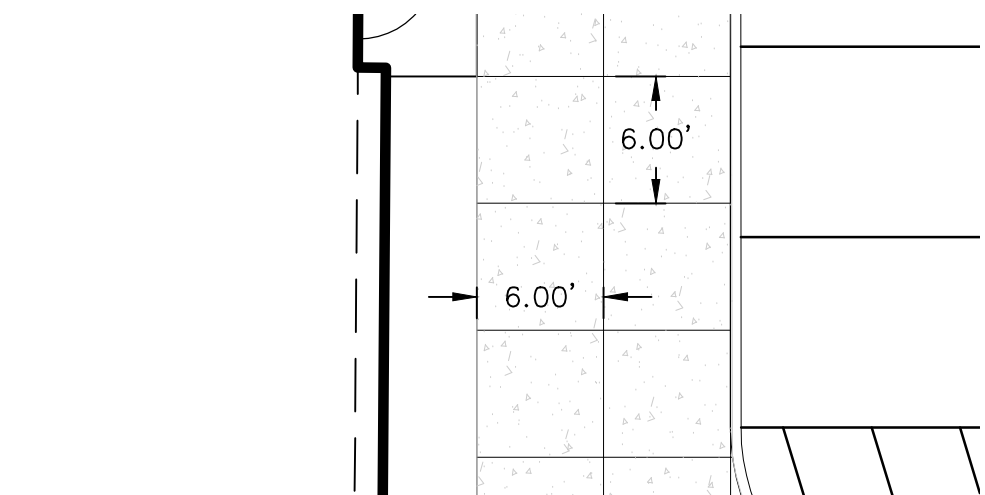
- GENERAL NOTES:
- CONTRACTOR TO FIELD VERIFY SITE CONDITIONS PRIOR TO CONSTRUCTION ACTIVITIES. NOTIFY RESIDENT ENGINEER IF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND CONSTRUCTION DRAWINGS.
  - CONTRACTOR TO FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
  - PAVEMENT MARKING TO BE 4" WHITE SOLID STRIPE FOR PARKING STALLS.

BUILDING LAYOUT TABLE			
POINT ID	NORTHING	EASTING	DESCRIPTION
1	611,850.20	2,173,411.21	GRID 1-A INTERSECTION
2	611,927.76	2,173,456.02	GRID 1-F INTERSECTION
3	611,908.04	2,173,311.11	GRID 8-A INTERSECTION
4	611,985.59	2,173,355.92	GRID 8-F INTERSECTION

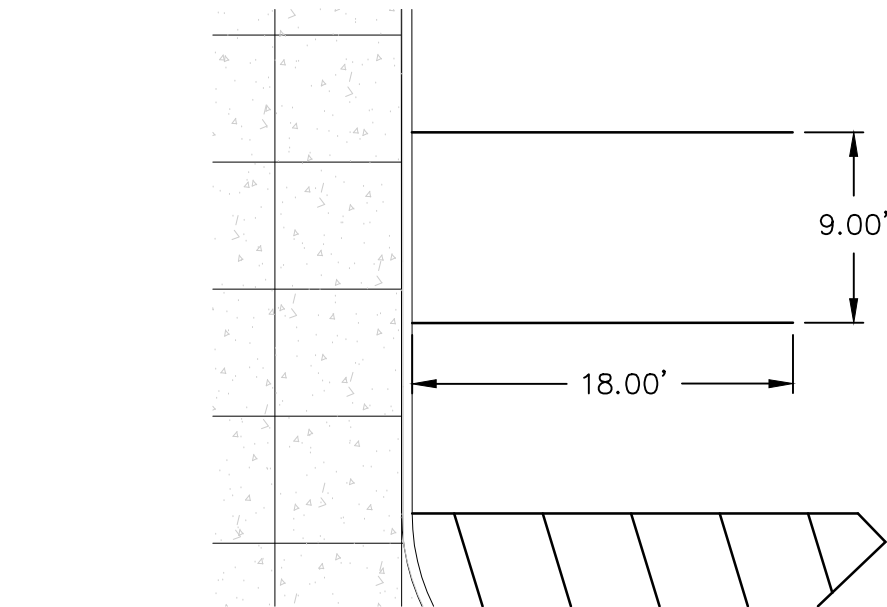
NOTE: GRID LINES SHOWN ON ARCH AND STRUCTURAL PLANS.

SURVEY/TOPO NOTES:

BUILDING, UTILITIES AND SITE CONDITIONS SHOWN AS "EXISTING" ARE BASED ON THE FUTURE CONDITIONS AFTER THE BUILDING 1 ADDITION AND CIVIL SITE WORK COMPLETION (PROJECT 636-201, CONSTRUCTION 2015-2016). CIVIL SITE AND UTILITY CONNECTIONS FOR THIS PROJECT ARE TO BE MADE TO THE FUTURE UTILITY CONFIGURATION. IF PROJECT CONDITIONS DO NOT EXIST AS SHOWN, CONTRACTOR TO COORDINATE WITH PROJECT ENGINEER.

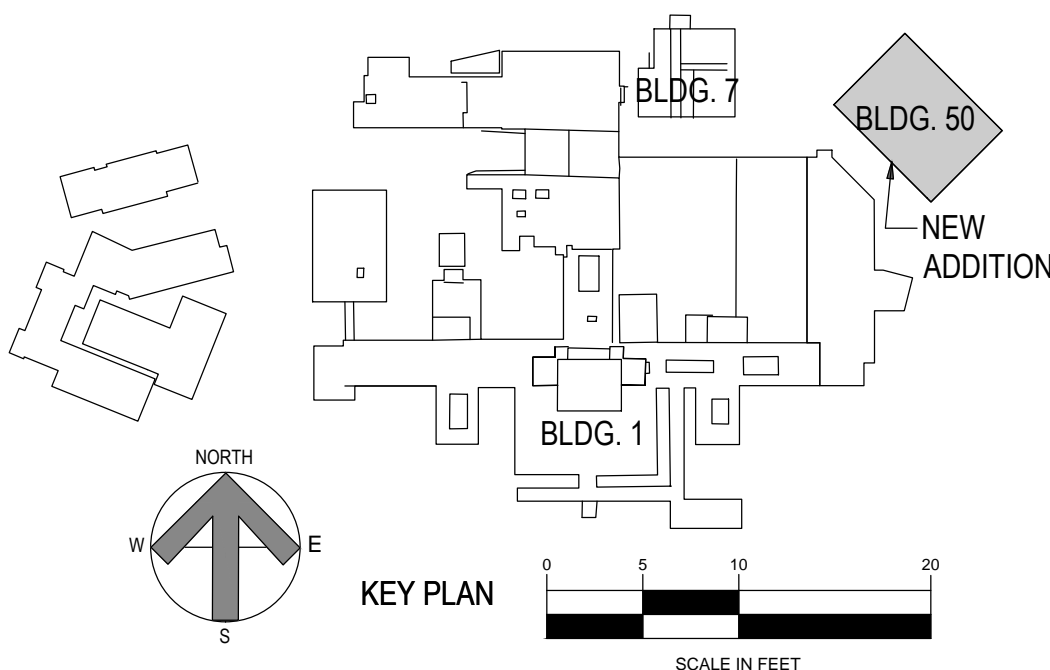


1  
50-C4  
TYPICAL CONCRETE PANEL  
N.T.S.



2  
50-C4  
TYPICAL PARKING STALL  
N.T.S.

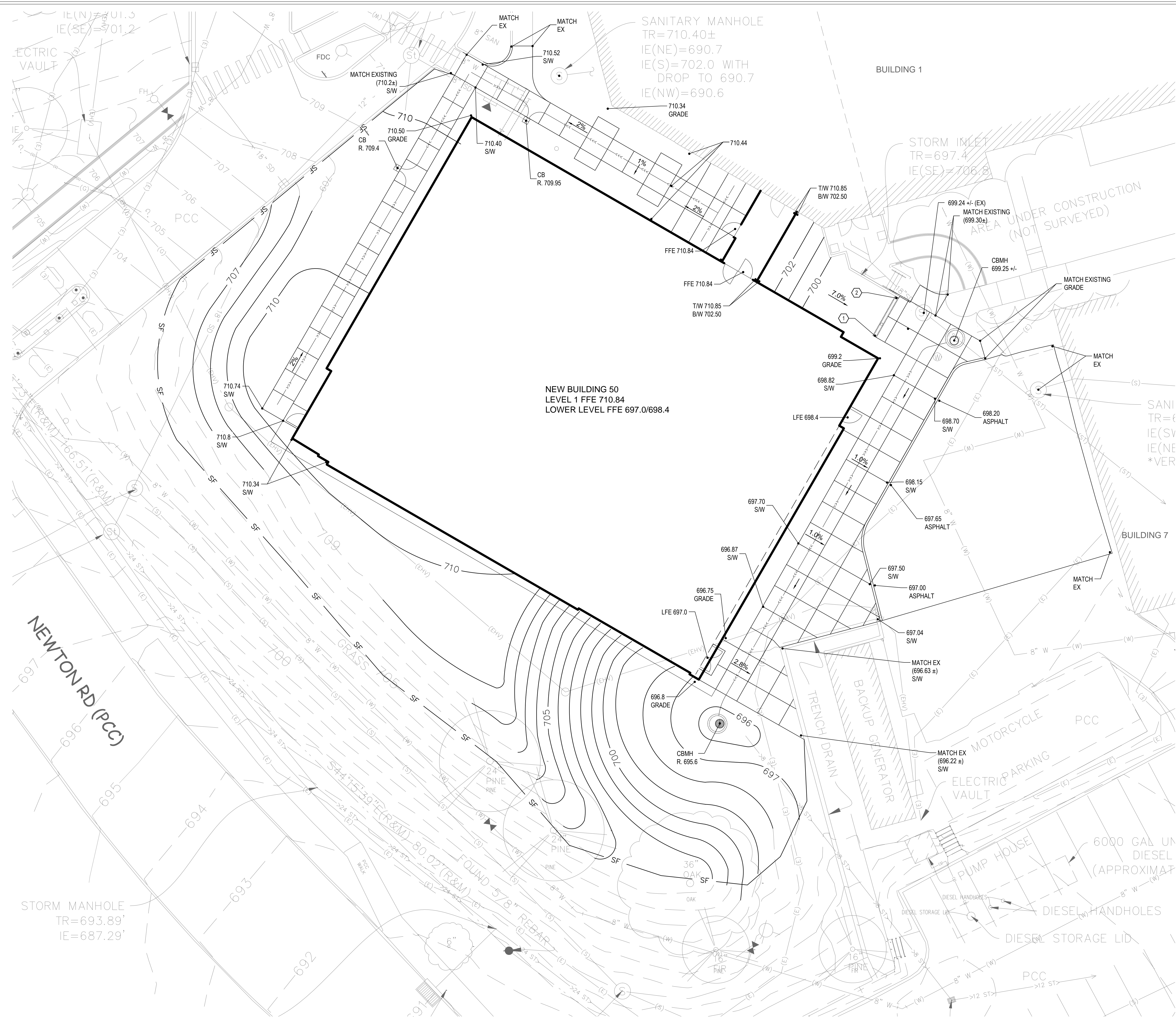
CALL 48 HOURS BEFORE DIGGING  
Utilities Underground Location Center  
DIAL 811  
**811**  
Know what's below,  
Call before you dig.  
1(800) 292-8989



Revisions		Date		CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title		Project Title		Building No.		Office of Construction and Facilities Management	
				ANDERSON ENGINEERING Anderson Engineering of Minnesota, LLC 13605 1st Avenue North Suite 100 Plymouth, MN 55441 763-412-4000 (o) 763-412-4090 (f) www.ae-mn.com		HEERY design Heery International Inc. 125 South Dubuque Street, Suite 500 Iowa City, IA 52240-4003 319.354.4700		SITE LAYOUT PLAN		CONSTRUCT SPECIALTY CLINICS ADDITION		BLDG 50		Office of Construction and Facilities Management	
				AE Proj. #13681		project number HII-1125509		CONSTRUCTION DOCUMENTS		Location ICVA HEALTH CARE SYSTEM		VA# 636-315		U.S. Department of Veterans Affairs	
										Date 09/25/2015		Checked TG		Drawn DJ	
												DRAWING NO. 50-C4			
												Dwg. 12 of 150			



three inches = one foot  
one and one-half inches = one foot  
one inch = one foot  
three-quarters inch = one foot  
three-eighths inch = one foot  
one-quarter inch = one foot  
one-eighth inch = one foot



- LEGEND:**
- 2% FLOW ARROW W/SLOPE
  - ELEV DESC SPOT POINT (ELEVATION, DESCRIPTION)
  - T/W B/W WALL ELEVATION POINT (T/W=TOP OF WALL, B/W = BOTTOM OF WALL)
  - 4" PERF. DRAINTILE, SEE DETAIL 1/50-C8
  - MANHOLE (SEE SHEET 50-C6)
  - CATCHBASIN (SEE SHEET 50-C6)

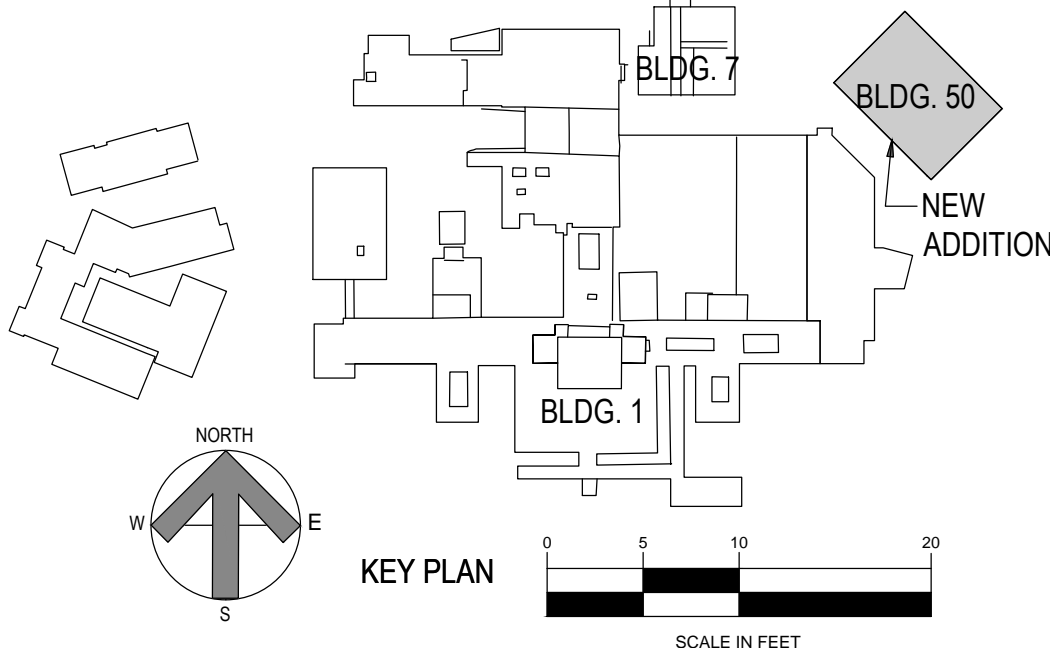
- KEY NOTES:**
- TRENCH DRAIN  
R. 699.0 - GRATE  
I. 698.0 - BOTTOM OF CONC. CHANNEL
  - TRENCH DRAIN  
R. 699.0 - GRATE  
I. 698.0 - BOTTOM OF CONC. CHANNEL
- NOTE: SEE DETAIL 8/50-C8 FOR ADDITIONAL INFORMATION. SLOPE BOTTOM OF CONCRETE TRENCH TOWARDS OUTLET PIPE.

- GENERAL NOTES:**
- REFER TO LANDSCAPING PLAN FOR FINAL TURF RESTORATION AND PLANTING INFORMATION.
  - MAINTAIN TEMPORARY EROSION CONTROL MEASURES DURING CONSTRUCTION. IF LIMITS OF GRADING REQUIRE RELOCATION OF EROSIONS CONTROL DEVICES, CONTRACTOR SHALL RELOCATE AS NECESSARY.
  - PROPOSED CONTOURS AND SPOT ELEVATIONS ARE TO FINISHED GRADE.
  - PROVIDE DRAINAGE AWAY FROM BUILDINGS AT ALL TIMES.
  - NO GRADED SLOPES SHALL EXCEED 3:1 (HOR:VERT) UNLESS OTHERWISE NOTED.
  - CONSTRUCT DRAINTILE UNDER SIDEWALK PAVEMENTS WITH MIN 0.5% SLOPE TOWARDS OUTLET AT STORM SEWER STRUCTURE.

**SURVEY/TOPO NOTES:**

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<b>CONSULTANTS:</b> <b>ANDERSON ENGINEERING</b> Anderson Engineering of Minnesota, LLC 13605 1st Avenue North Suite 100 Plymouth, MN 55441 763-412-4000 (o) 763-412-4090 (f) www.ae-mn.com AE Proj. #13681		<b>ARCHITECT/ENGINEERS:</b> <b>HEERY design</b> project number HII-1125509 Heery International Inc. 125 South Dubuque Street, Suite 500, Iowa City, IA 52240-4003 319.354.4700		<b>Drawing Title</b> GRADING + DRAINAGE PLAN <b>CONSTRUCTION DOCUMENTS</b>		<b>Project Title</b> CONSTRUCT SPECIALTY CLINICS ADDITION <b>Location</b> ICVA HEALTH CARE SYSTEM <b>Date</b> 09/25/2015 <b>Checked</b> TG <b>Drawn</b> DJ		<b>Building No.</b> BLDG 50 <b>Project No.</b> VA# 636-315 <b>DRAWING NO.</b> 50-C5 Dwg. 13 of 150		<b>Office of Construction and Facilities Management</b> VA U.S. Department of Veterans Affairs	
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