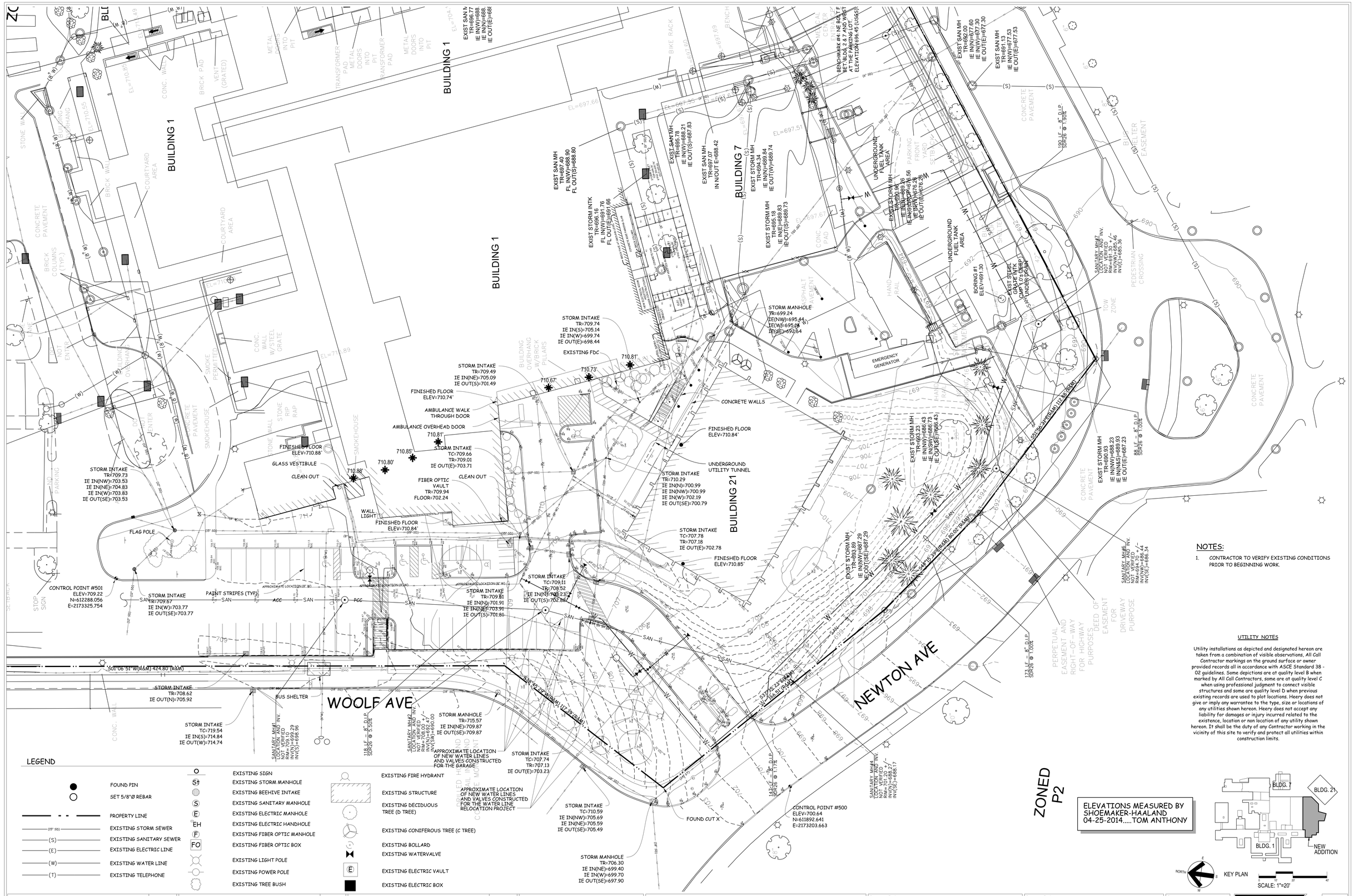
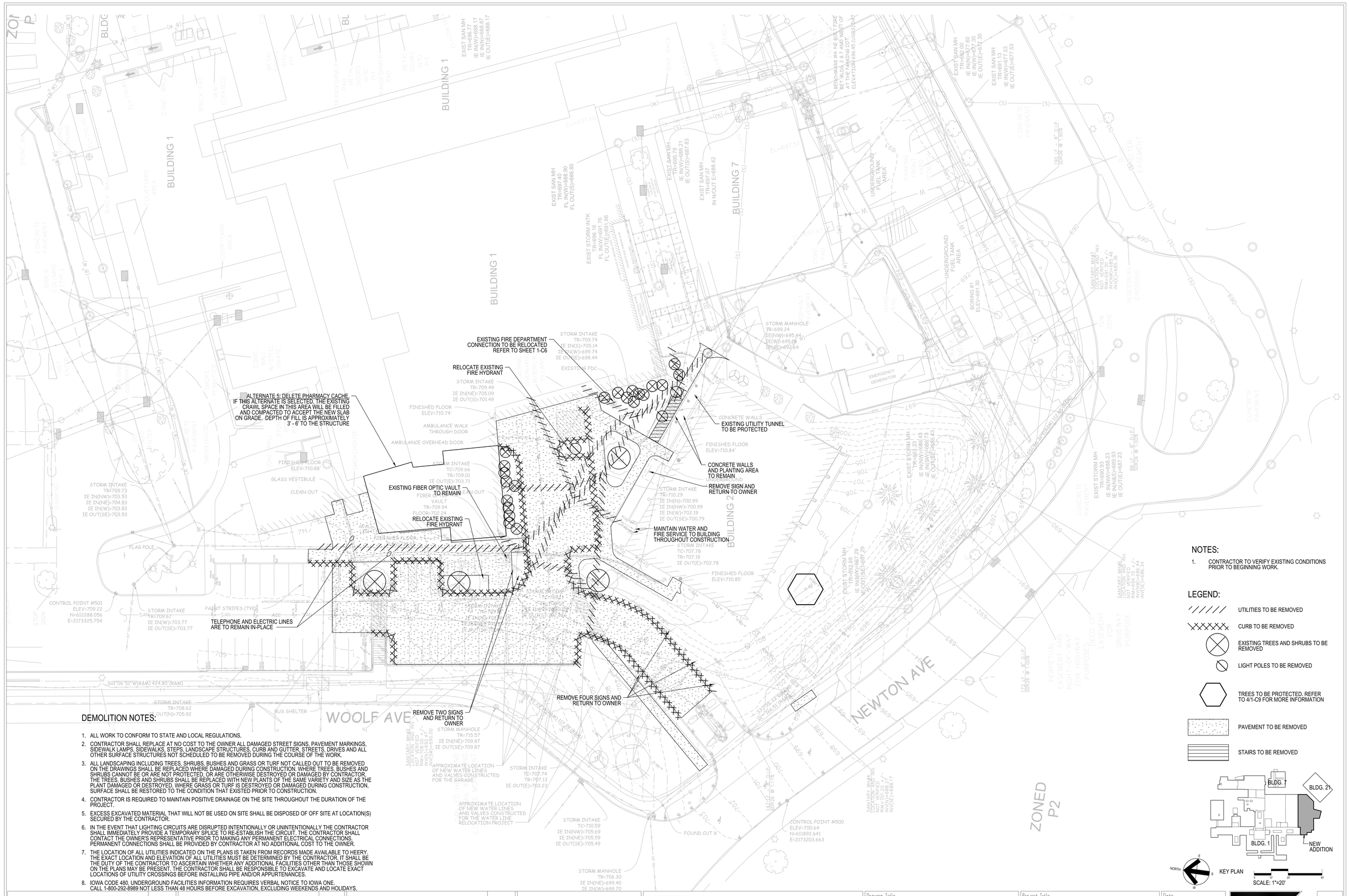

BUILDING 1
BUILDING 7
BUILDING 21
WOOLF AVE
NEWTON AVE
ZONED P2
EXISTING CONDITIONS PLAN
CONSTRUCTION DOCUMENTS
ELEVATIONS MEASURED BY SHOEMAKER-HAALAND 04-25-2014.....TOM ANTHONY
LEGEND
FOUND PIN
SET 5/8"Ø REBAR
PROPERTY LINE
EXISTING STORM SEWER
EXISTING SANITARY SEWER
EXISTING ELECTRIC LINE
EXISTING WATER LINE
EXISTING TELEPHONE
EXISTING SIGN
EXISTING STORM MANHOLE
EXISTING BEEHIVE INTAKE
EXISTING SANITARY MANHOLE
EXISTING ELECTRIC MANHOLE
EXISTING ELECTRIC HANDHOLE
EXISTING FIBER OPTIC MANHOLE
EXISTING FIBER OPTIC BOX
EXISTING LIGHT POLE
EXISTING POWER POLE
EXISTING TREE BUSH
EXISTING FIRE HYDRANT
EXISTING STRUCTURE
EXISTING DECIDUOUS TREE (D TREE)
EXISTING CONIFEROUS TREE (C TREE)
EXISTING BOLLARD
EXISTING WATERVALVE
EXISTING ELECTRIC VAULT
EXISTING ELECTRIC BOX
NOTES:
1. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING WORK.
UTILITY NOTES
Utility installations as depicted and designated hereon are taken from a combination of visible observations, All Call Contractor markings on the ground surface or owner provided records all in accordance with ASCE Standard 38 - 02 guidelines. Some depictions are at quality level B when marked by All Call Contractors, some are at quality level C when using professional judgment to connect visible structures and some are quality level D when previous existing records are used to plot locations. Heery does not give or imply any warrantee to the type, size or locations of any utilities shown hereon. Heery does not accept any liability for damages or injury incurred related to the existence, location or non location of any utility shown hereon. It shall be the duty of any Contractor working in the vicinity of this site to verify and protect all utilities within construction limits.
KEY PLAN
SCALE: 1"=20'
Revisions
Date
HEERY design
Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700
project number
11-25503
Drawing Title
EXISTING CONDITIONS PLAN
CONSTRUCTION DOCUMENTS
Project Title
EXPAND BLDG. 1 FOR PACT AMBULATORY CARE & RADIOLOGY
Date
12/15/2014
Project No.
636-201
Building No.
BLDG 1
Checked
LB
Drawn
JT
DRAWING NO.
1-C1
Location
ICVA HEALTH CARE SYSTEM
Office of Facilities
Department of Veterans Affairs
VA FORM 08-6231, FEB. 1983



DEMOLITION NOTES:

1. ALL WORK TO CONFORM TO STATE AND LOCAL REGULATIONS.
2. CONTRACTOR SHALL REPLACE AT NO COST TO THE OWNER ALL DAMAGED STREET SIGNS, PAVEMENT MARKINGS, SIDEWALK LAMPS, SIDEWALKS, STEPS, LANDSCAPE STRUCTURES, CURB AND GUTTER, STREETS, DRIVES AND ALL OTHER SURFACE STRUCTURES NOT SCHEDULED TO BE REMOVED DURING THE COURSE OF THE WORK.
3. ALL LANDSCAPING INCLUDING TREES, SHRUBS, BUSHES AND GRASS OR TURF NOT CALLED OUT TO BE REMOVED ON THE DRAWINGS SHALL BE REPLACED WHERE DAMAGED DURING CONSTRUCTION. WHERE TREES, BUSHES AND SHRUBS CANNOT BE OR ARE NOT PROTECTED, OR ARE OTHERWISE DESTROYED OR DAMAGED BY CONTRACTOR, THE TREES, BUSHES AND SHRUBS SHALL BE REPLACED WITH NEW PLANTS OF THE SAME VARIETY AND SIZE AS THE PLANT DAMAGED OR DESTROYED. WHERE GRASS OR TURF IS DESTROYED OR DAMAGED DURING CONSTRUCTION, SURFACE SHALL BE RESTORED TO THE CONDITION THAT EXISTED PRIOR TO CONSTRUCTION.
4. CONTRACTOR IS REQUIRED TO MAINTAIN POSITIVE DRAINAGE ON THE SITE THROUGHOUT THE DURATION OF THE PROJECT.
5. EXCESS EXCAVATED MATERIAL THAT WILL NOT BE USED ON SITE SHALL BE DISPOSED OF OFF SITE AT LOCATION(S) SECURED BY THE CONTRACTOR.
6. IN THE EVENT THAT LIGHTING CIRCUITS ARE DISRUPTED INTENTIONALLY OR UNINTENTIONALLY THE CONTRACTOR SHALL IMMEDIATELY PROVIDE A TEMPORARY SPLICE TO RE-ESTABLISH THE CIRCUIT. THE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE PRIOR TO MAKING ANY PERMANENT ELECTRICAL CONNECTIONS. PERMANENT CONNECTIONS SHALL BE PROVIDED BY CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
7. THE LOCATION OF ALL UTILITIES INDICATED ON THE PLANS IS TAKEN FROM RECORDS MADE AVAILABLE TO HEERY. THE EXACT LOCATION AND ELEVATION OF ALL UTILITIES MUST BE DETERMINED BY THE CONTRACTOR. IT SHALL BE THE DUTY OF THE CONTRACTOR TO ASCERTAIN WHETHER ANY ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO EXCAVATE AND LOCATE EXACT LOCATIONS OF UTILITY CROSSINGS BEFORE INSTALLING PIPE AND/OR APPURTENANCES.
8. IOWA CODE 480, UNDERGROUND FACILITIES INFORMATION REQUIRES VERBAL NOTICE TO IOWA ONE. CALL 1-800-292-8989 NOT LESS THAN 48 HOURS BEFORE EXCAVATION, EXCLUDING WEEKENDS AND HOLIDAYS.

NOTES:

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING WORK.

LEGEND:

- UTILITIES TO BE REMOVED
- CURB TO BE REMOVED
- EXISTING TREES AND SHRUBS TO BE REMOVED
- LIGHT POLES TO BE REMOVED
- TREES TO BE PROTECTED. REFER TO 4/1-C9 FOR MORE INFORMATION
- PAVEMENT TO BE REMOVED
- STAIRS TO BE REMOVED

KEY PLAN

SCALE: 1"=20'

Revisions	Date	Revisions	Date	Revisions	Date

HEERY design

Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number 11-25503

Drawing Title: **DEMOLITION PLAN**

CONSTRUCTION DOCUMENTS

Project Title: **EXPAND BLDG. 1 FOR PACT AMBULATORY CARE & RADIOLOGY**

Building No.: **BLDG 1** | Checked: **LB** | Drawn: **JT**

Location: **ICVA HEALTH CARE SYSTEM**

Date: **12/15/2014**

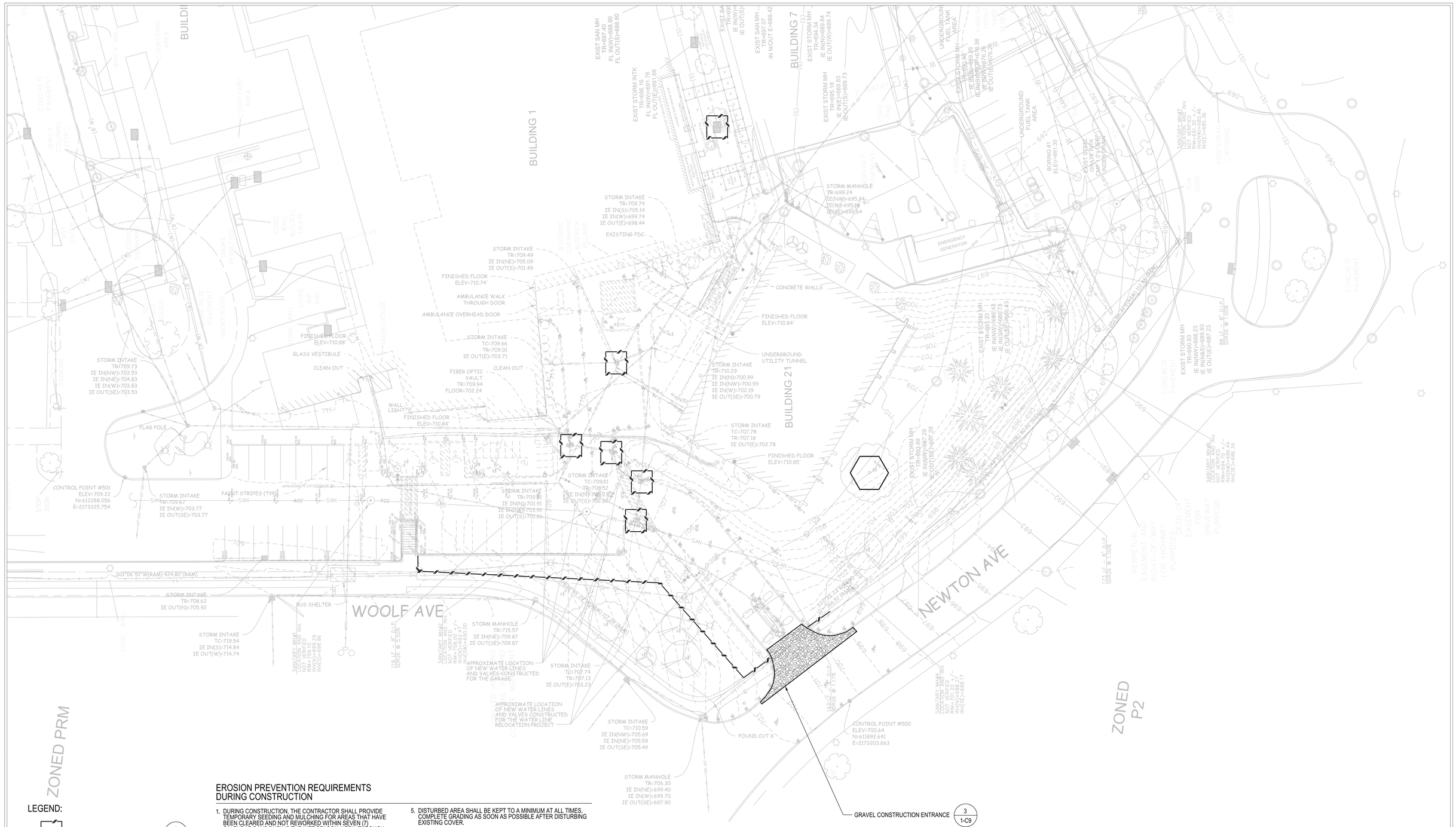
Project No.: **636-201**

DRAWING NO. **1-C2**

Office of Facilities

Department of Veterans Affairs

VA FORM 08-6231, FEB. 1983



LEGEND:

STORM INLET PROTECTION (1 / 1-C9)

SILT FENCE (2 / 1-C9)

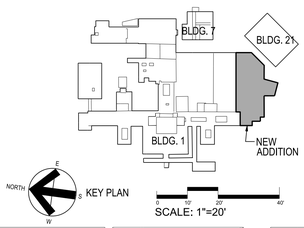
TREES TO BE PROTECTED. REFER TO 4/1-C9 FOR MORE INFORMATION

NOTES:

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING WORK.

EROSION PREVENTION REQUIREMENTS DURING CONSTRUCTION

1. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE TEMPORARY SEEDING AND MULCHING FOR AREAS THAT HAVE BEEN CLEARED AND NOT REWORKED WITHIN SEVEN (7) CALENDAR DAYS DURING THE WET SEASON (APRIL THROUGH SEPTEMBER) AND 14 CALENDAR DAYS DURING THE DRY SEASON (OCTOBER THROUGH MARCH). IN ADDITION, ALL SIDE SLOPES SHALL BE SODDED, SEEDED OR MULCHED WITHIN SEVEN (7) DAYS DURING THE WET SEASON AND 14 DAYS DURING THE DRY SEASON.
2. ALL SURFACE WATER DISCHARGE FROM THIS SITE, INCLUDING DEWATERING DISCHARGE SHALL MEET STATE WATER QUALITY STANDARDS (LESS THAN 29 NTU ABOVE BACKGROUND) PRIOR TO REACHING ANY WATERS OF THE STATE INCLUDING WETLANDS.
3. IN THE EVENT THAT THE EROSION PREVENTION AND CONTROL DEVICES SHOWN IN THESE PLANS PROVE NOT TO BE EFFECTIVE, ALTERNATE METHODS FOR MAINTAINING STATE WATER QUALITY STANDARDS FOR DISCHARGE FROM THE CONSTRUCTION SITE WILL BE REQUIRED, AND THE RESPONSIBILITY OF THE CONTRACTOR.
4. ANY TOPSOIL STOCKPILED ON THE SITE SHALL BE CONTAINED WITHIN SILT FENCE LIMITS. THE SILT FENCE SHALL BE EXTENDED AS NECESSARY TO ACCOMMODATE THE STOCKPILE.
5. DISTURBED AREA SHALL BE KEPT TO A MINIMUM AT ALL TIMES. COMPLETE GRADING AS SOON AS POSSIBLE AFTER DISTURBING EXISTING COVER.
6. WHERE CONSTRUCTION VEHICLES WILL EXIT THE SITE, PROVIDE MEASURES TO KEEP SEDIMENT OFF THE STREETS. MEASURES MAY INCLUDE TEMPORARY GRAVEL SURFACES AT CONSTRUCTION ACCESS POINTS AND/OR VEHICLE WASH DOWN AREAS.
7. PROTECT STORMWATER INTAKES WITH SILT FENCES STAKED COMPLETELY AROUND INTAKE. NEWLY CONSTRUCTED INLETS SHALL BE PROTECTED IN A SIMILAR MANNER UNTIL SURFACES ARE STABILIZED.
8. NO DISCHARGE IS TO BE DIRECTED TO STORM INTAKES UNTIL FINAL STABILIZATION OF THE SITE IS COMPLETE AND SEDIMENT HAS BEEN REMOVED FROM UPSTREAM AND DOWNSTREAM STORM SEWER SYSTEMS.
9. ONCE A WEEK AND AFTER EACH STORM EVENT PRODUCING 0.5 INCHES OF RAINFALL, EROSION CONTROL MEASURES SHALL BE INSPECTED AND REPAIRED AS NECESSARY TO ENSURE PROPER FUNCTION.



Revisions	Date	Revisions	Date	Revisions	Date

HEERY design

Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number
11-25503

Drawing Title
EROSION CONTROL PLAN

CONSTRUCTION DOCUMENTS

Project Title
EXPAND BLDG. 1 FOR PACT AMBULATORY CARE & RADIOLOGY

Building No. **BLDG 1** | Checked **LB** | Drawn **JT**

Location
ICVA HEALTH CARE SYSTEM

Date
12/15/2014

Project No.
636-201

DRAWING NO.
1-C3

Office of Facilities

Department of Veterans Affairs

VA FORM 08-6231, FEB. 1983

PROJECT: IC - VAMC - EXPAND BLDG. 1 FOR PACT PROJECT
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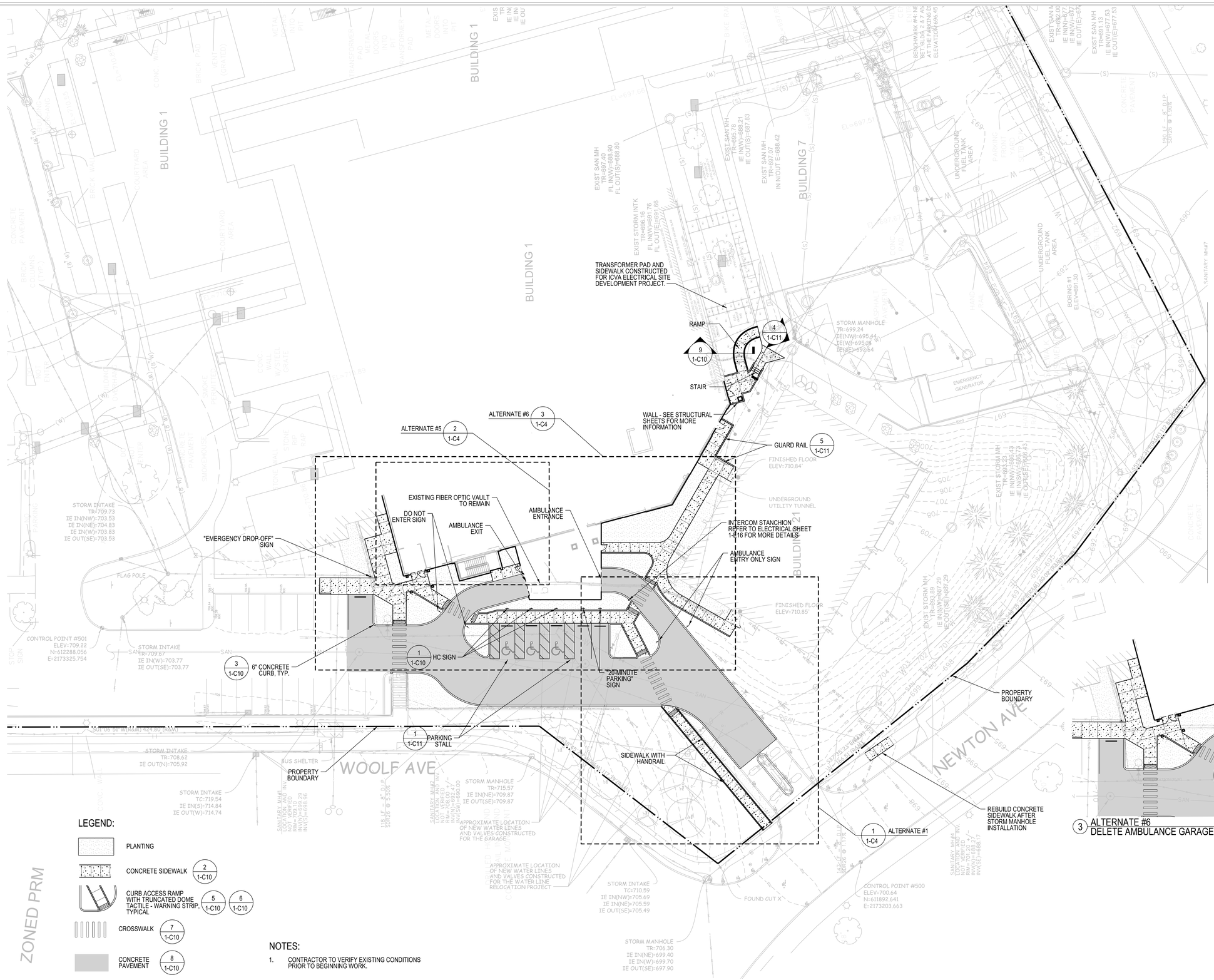
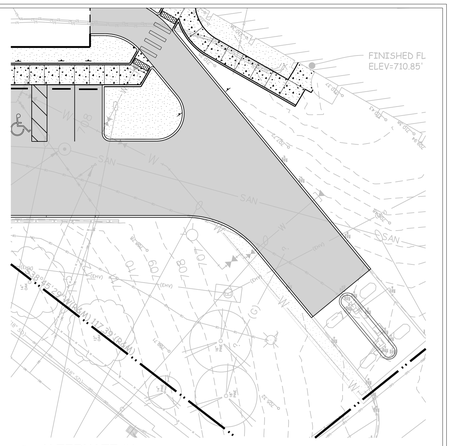
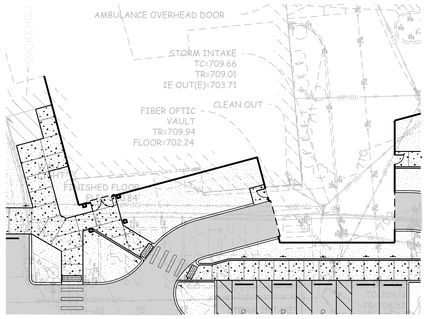
DATE: 12/12/2014
PLOTTED BY: Kevin Wilson
PEN TABLE: HB_JFLOT-Civil3d.pen

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

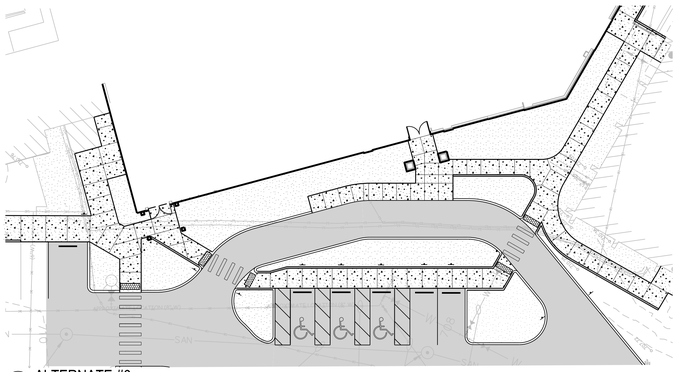




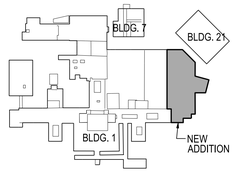
1 ALTERNATE #1
DELETE SIDEWALK AND CROSSWALK TO NEWTON AVE



2 ALTERNATE #5
DELETE PHARMACY CACHE AND EXTERIOR STAIR



3 ALTERNATE #6
DELETE AMBULANCE GARAGE



KEY PLAN

SCALE: 1"=20'

Revisions	Date	Revisions	Date	Revisions	Date

HEERY design

Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number
11-25503

Drawing Title
AREA DEVELOPMENT PLAN

CONSTRUCTION DOCUMENTS

Project Title
EXPAND BLDG. 1 FOR PACT AMBULATORY CARE & RADIOLOGY

Building No. **BLDG 1** | Checked **LB** | Drawn **JT**

Location **ICVA HEALTH CARE SYSTEM**

Date **12/15/2014**

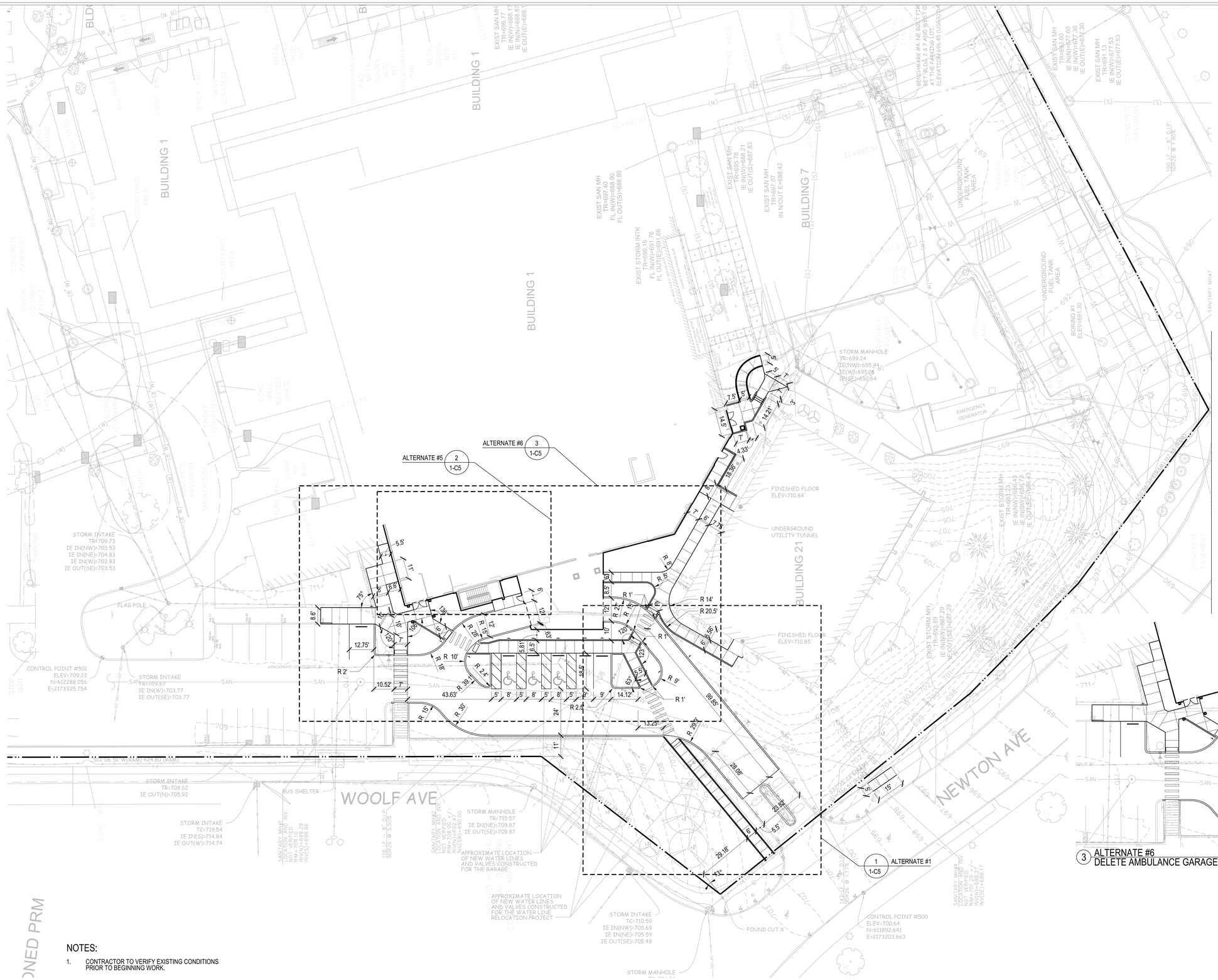
Project No. **636-201**

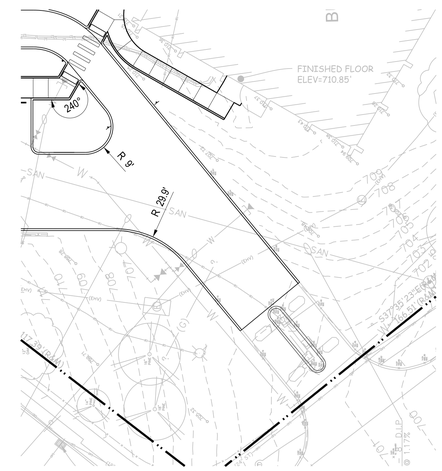
DRAWING NO. **1-C4**

Office of Facilities

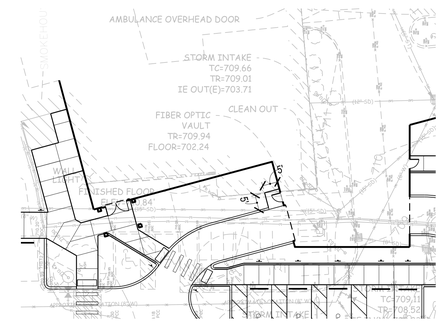
Department of Veterans Affairs

VA FORM 08-6231, FEB. 1983

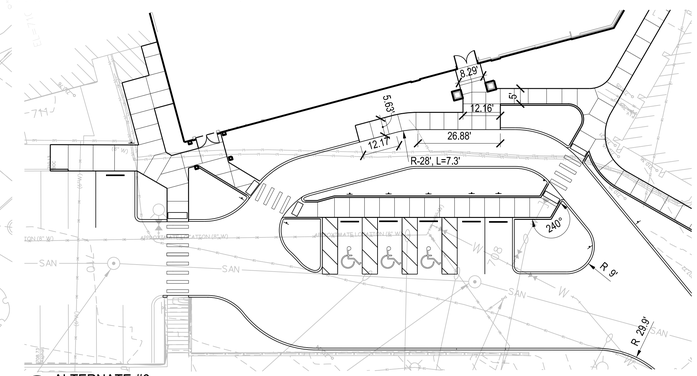




1 ALTERNATE #1
DELETE SIDEWALK AND CROSSWALK TO NEWTON AVE



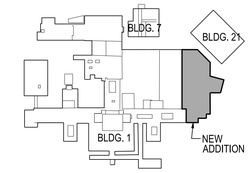
2 ALTERNATE #5
DELETE PHARMACY CACHE AND EXTERIOR STAIR



3 ALTERNATE #6
DELETE AMBULANCE GARAGE

NOTES:

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING WORK.



KEY PLAN

SCALE: 1"=20'

Revisions	Date	Revisions	Date	Revisions	Date

HEERY design

Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number 11-25503

Drawing Title: SITE LAYOUT PLAN

CONSTRUCTION DOCUMENTS

Project Title: EXPAND BLDG. 1 FOR PACT AMBULATORY CARE & RADIOLOGY

Building No.: BLDG 1 | Checked: LB | Drawn: JT

Location: ICVA HEALTH CARE SYSTEM

Date: 12/15/2014

Project No.: 636-201

DRAWING NO. 1-C5

Office of Facilities

Department of Veterans Affairs

VA FORM 08-6231, FEB. 1983

PROJECT: IC - VAMC - EXPAND BLDG. 1 FOR PACT PROJECT
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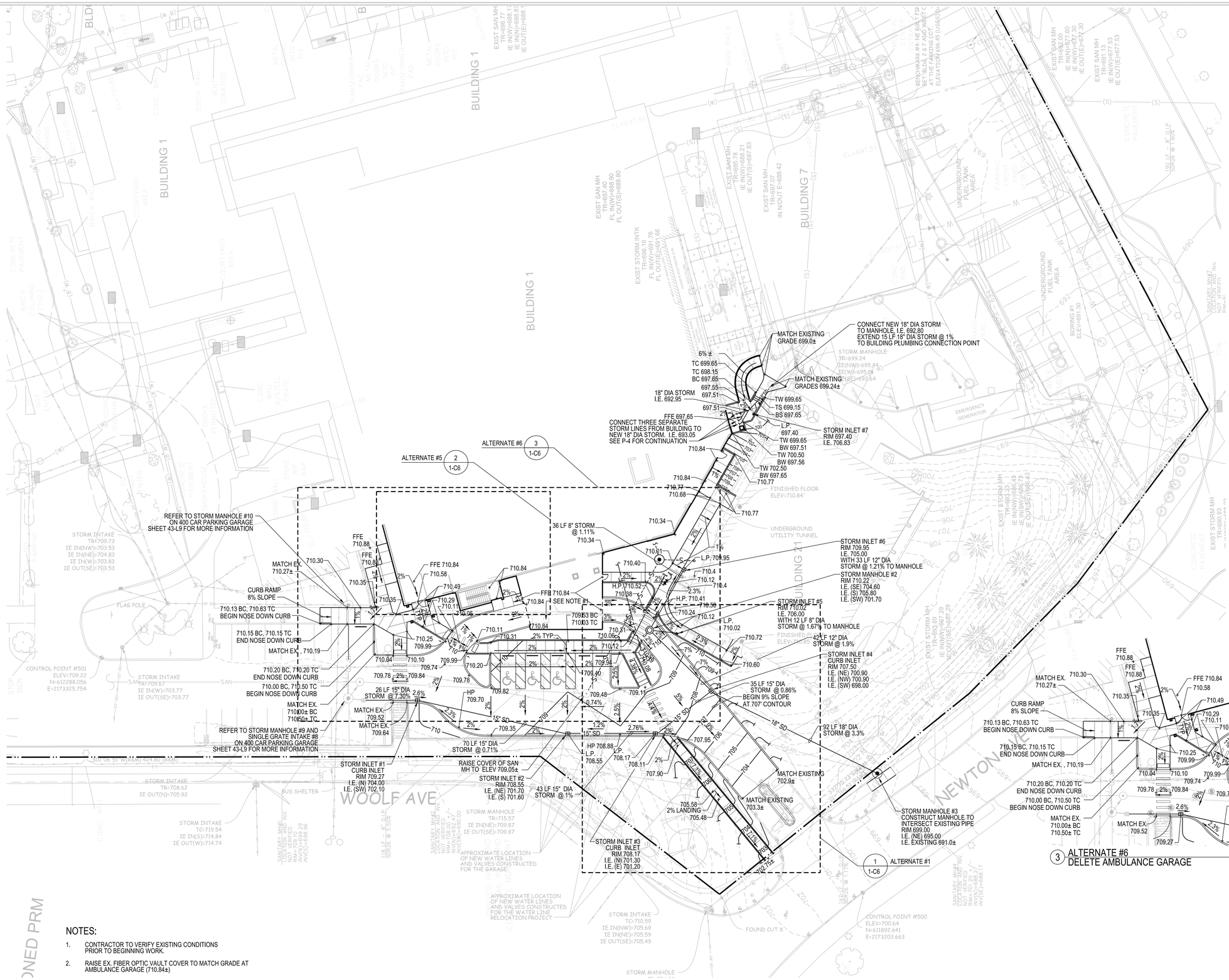
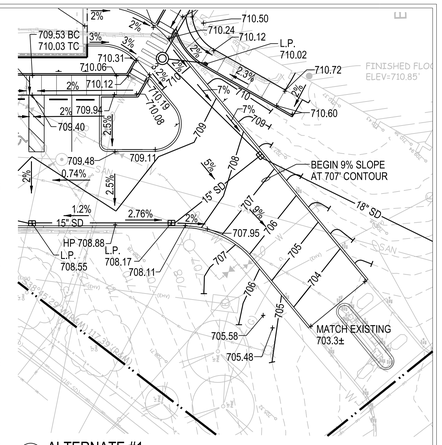
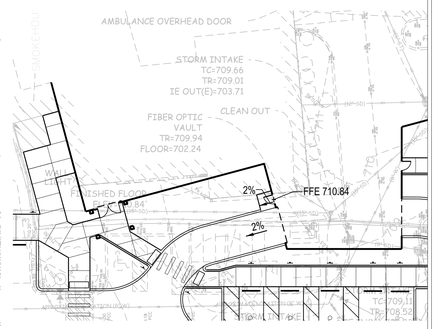
PLOTTED BY: Kevin Smith DATE: 12/22/2014 PEN TABLE: HB_PLOT.Grey8.pen

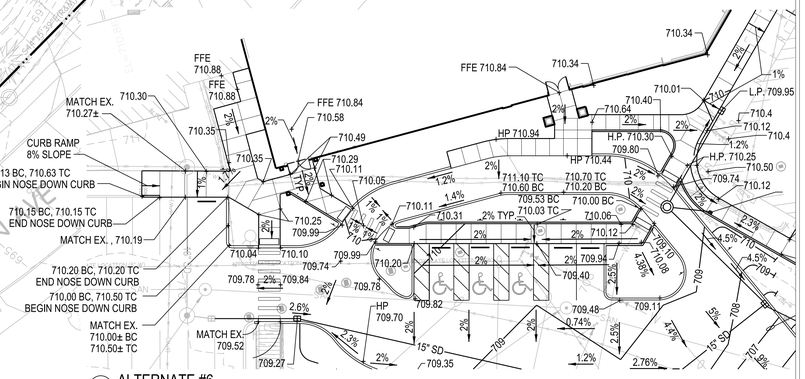




1 ALTERNATE #1
DELETE SIDEWALK AND CROSSWALK TO NEWTON AVE



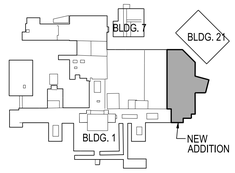
2 ALTERNATE #5
DELETE PHARMACY CACHE AND EXTERIOR STAIR



3 ALTERNATE #6
DELETE AMBULANCE GARAGE

NOTES:

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING WORK.
2. RAISE EX. FIBER OPTIC VAULT COVER TO MATCH GRADE AT AMBULANCE GARAGE (710.84±)



NORTH KEY PLAN

SCALE: 1"=20'

Revisions	Date	Revisions	Date	Revisions	Date

HEERY design

Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number
11-25503

Drawing Title
GRADING AND DRAINAGE PLAN

CONSTRUCTION DOCUMENTS

Project Title
EXPAND BLDG. 1 FOR PACT AMBULATORY CARE & RADIOLOGY

Date
12/15/2014

Project No.
636-201

Building No.
BLDG 1

Checked
LB

Drawn
JT

Location
ICVA HEALTH CARE SYSTEM

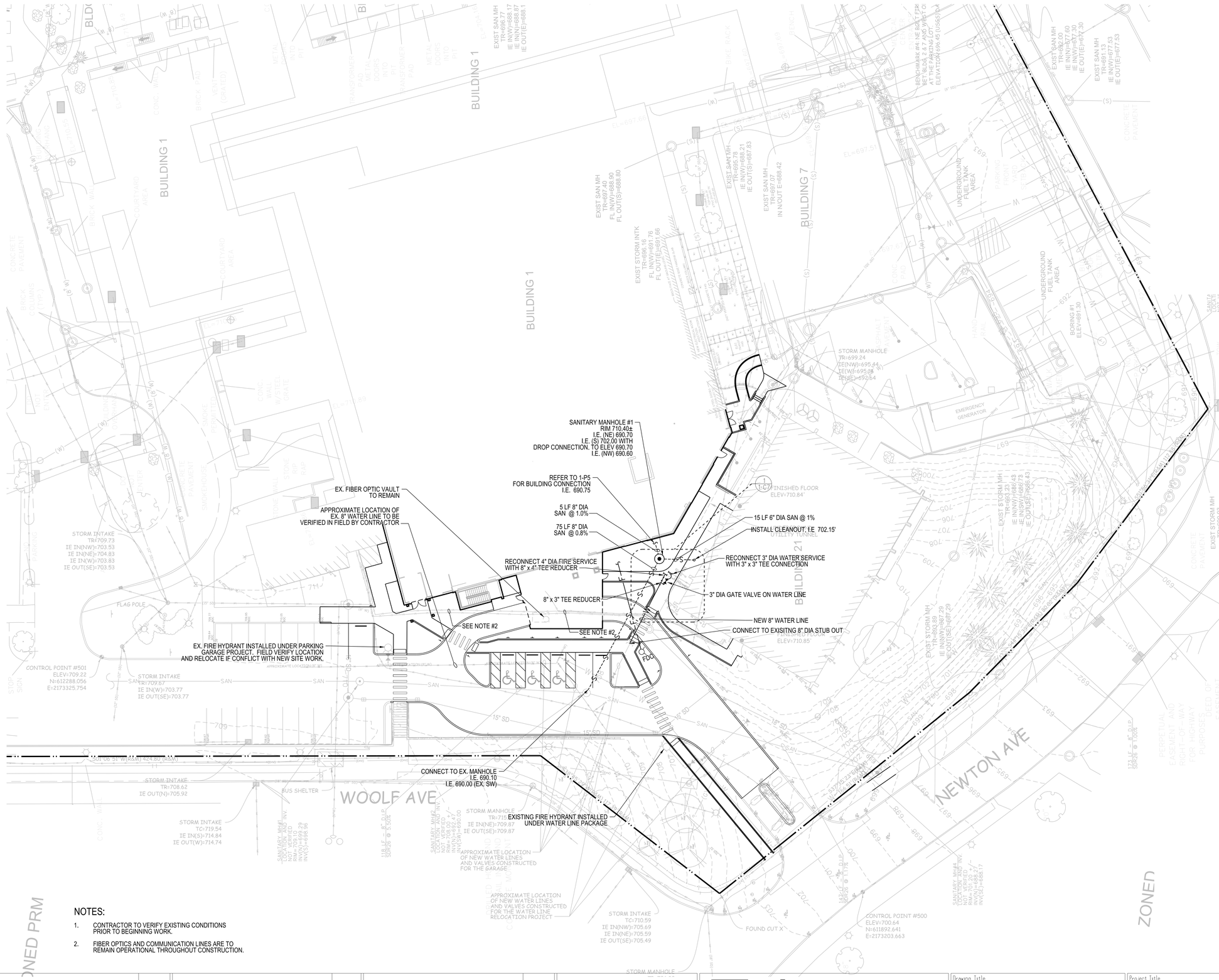
DRAWING NO.
1-C6

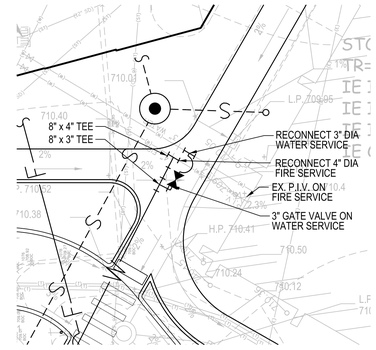
Office of Facilities

Department of Veterans Affairs

PROJECT: IC-VAMC- EXPAND BLDG. 1 FOR PACT PROJECT
SHEET TITLE: \\Vaicxv02\Work\10\1020600_CADD\1-C6-1020600-IAC.dgn
DATE: 12/15/2014
PLOTTED BY: Kathy Gordon
PEN TABLE: HE_JR_QT-CoVA8.pen

VA FORM 08-6231, FEB. 1983

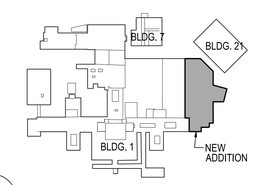




1 ENLARGEMENT
SCALE: 1"=10'

NOTES:

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING WORK.
2. FIBER OPTICS AND COMMUNICATION LINES ARE TO REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION.



KEY PLAN

SCALE: 1"=20'

Revisions	Date	Revisions	Date	Revisions	Date

HEERY design

Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number
11-25503

Drawing Title
UTILITY PLAN

CONSTRUCTION DOCUMENTS

Project Title
EXPAND BLDG. 1 FOR PACT AMBULATORY CARE & RADIOLOGY

Building No. BLDG 1 | Checked LB | Drawn JT

Location
ICVA HEALTH CARE SYSTEM

Date 12/15/2014

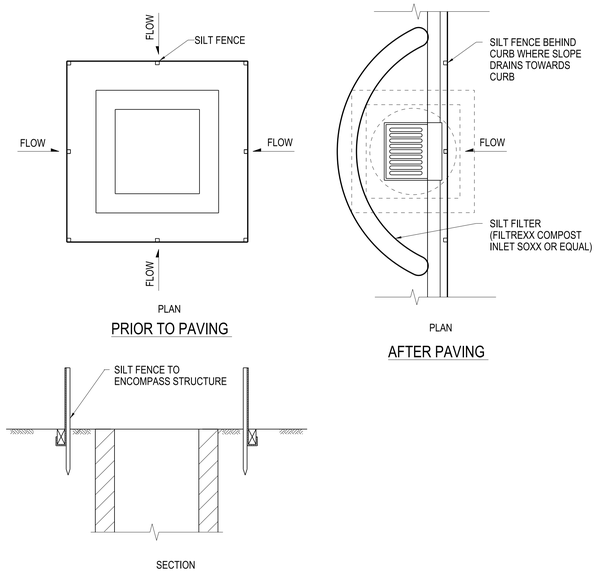
Project No. 636-201

DRAWING NO. 1-C7

Office of Facilities

Department of Veterans Affairs

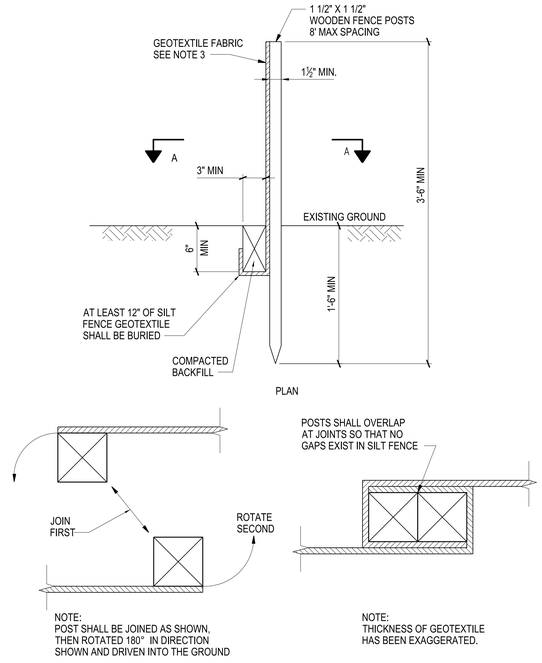
VA FORM 08-6231, FEB. 1983



NOTES:
1. SEE PLAN VIEW FOR LOCATION.

1 STORM SEWER STRUCTURE PROTECTION DURING CONSTRUCTION

N.T.S.

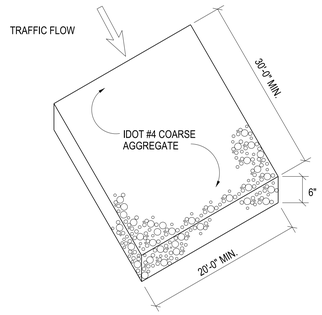


NOTES:

1. SEE PLAN FOR LOCATION AND LENGTH OF FENCE.
2. ANCHOR TRENCH SHALL BE EXCAVATED WITH TRENCHER, OR WITH SILT FENCE INSTALLATION MACHINE; NO ROAD GRADERS, BACKHOES, ETC. SHALL BE USED. TRENCH SHALL BE COMPACTED BY HAND, WITH "JUMPING JACK", OR BY WHEEL ROLLING. COMPACTION SHALL BE SUCH THAT SILT FENCE RESISTS BEING PULLED OUT OF ANCHOR TRENCH BY HAND.
3. GEOTEXTILE FABRIC SHALL MEET THE CURRENT IOWA DOT SPECIFICATIONS, SECTION 4196, FOR SILT FENCING.
4. SILT FENCE INDICATED ON PLAN SHALL BE INSTALLED PRIOR TO ANY LAND-DISTURBING ACTIVITIES.
5. THE CONTRACTOR SHALL INSPECT SILT FENCE DAILY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.
6. SEDIMENT ACCUMULATED UPSTREAM OF SILT FENCE SHALL BE REMOVED WHEN THE UPSTREAM SEDIMENT REACHES A DEPTH OF 6 INCHES.

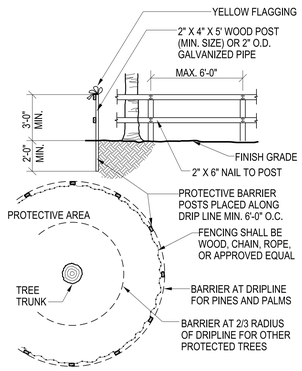
2 SILT FENCE DETAILS

N.T.S.



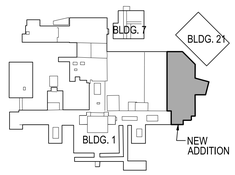
3 GRAVEL CONSTRUCTION VEHICLE ACCESS DRIVE

N.T.S.



4 TREE PROTECTION

N.T.S.



Revisions	Date	Revisions	Date	Revisions	Date

HEERY design
Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number 11-25503

Drawing Title: EROSION CONTROL DETAILS

CONSTRUCTION DOCUMENTS

Project Title: EXPAND BLDG. 1 FOR PACT AMBULATORY CARE & RADIOLOGY

Building No.: BLDG 1 | Checked: LB | Drawn: JT

Location: ICVA HEALTH CARE SYSTEM

Date: 12/15/2014

Project No.: 636-201

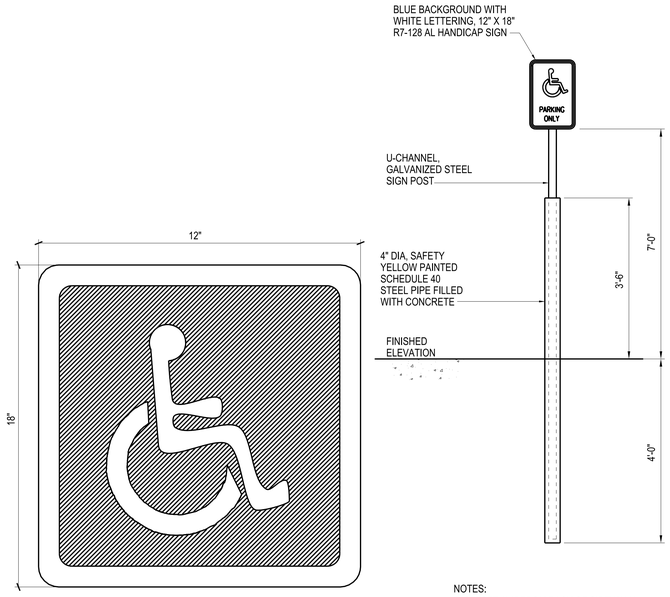
DRAWING NO. 1-C9

Office of Facilities

Department of Veterans Affairs

VA FORM 08-6231, FEB. 1983

PROJECT: IC - VAMC - EXPAND BLDG. 1 FOR PACT PROJECT
SHEET TITLE: \\ldes-s\0002\Hmm\10\1020600_CAD\11-C9-1020600-IAC.dgn
PLOTTED BY: Carlson, Eric DATE: 12/12/2014 PEN TABLE: HIL_IPLOT.Color8.pen

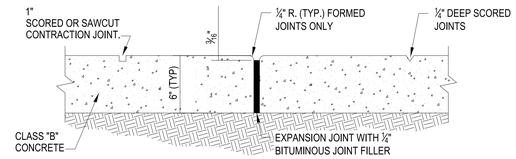


NOTE:
1. PAINT WITH BLUE BACKGROUND AND WHITE BORDER AND SYMBOL.

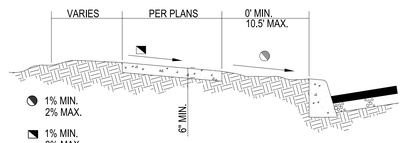
NOTES:
1. OFFSET 1'-0" FROM BACK OF SIDEWALK.
2. SIGN PANELS SHALL MEET THE FOLLOWING REQUIREMENTS: AL ALLOY, 5052-H38, 0.080 INCHES THICK.
3. FOR SIGNAGE LOCATION SEE DETAILED SITE PLANS.

1 HANDICAP PARKING SYMBOL AND SIGNAGE DETAILS

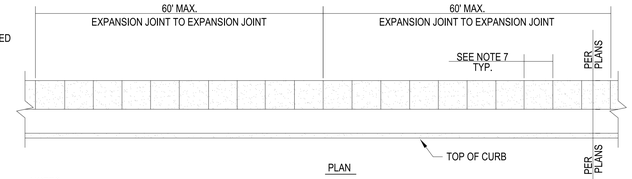
N.T.S.



EXPANSION AND SCORED JOINT DETAIL



TYPICAL SECTION

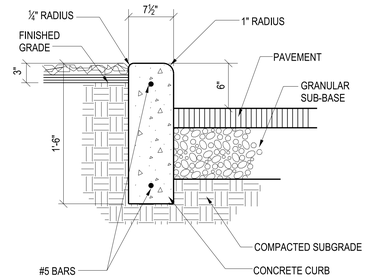


PLAN

NOTES:
1. EXPANSION JOINTS SHALL BE LOCATED WHERE SIDEWALK ABUTS CONCRETE DRIVEWAYS, CURB OR OTHER ADJACENT STRUCTURES.
2. ONE-HALF INCH BITUMINOUS JOINT FILLER SHALL BE INSTALLED AT EXPANSION JOINT LOCATIONS AND SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
3. 1" DEEP CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF APPROXIMATELY 15' OR AT A SPACING THAT MATCHES THE ADJACENT CURB.
4. FORMED CONTRACTION JOINTS SHALL BE FINISHED WITH A TOOL HAVING A ½" RADIUS.
5. SCORED JOINTS SHALL BE ¼" DEEP AND PLACED AT THE SPACING INDICATED FOR THE WIDTH OF SIDEWALK OR MATCH SCORED JOINTS OF ADJACENT CURB.
6. CONCRETE SHALL BE FINISHED BY MEANS OF A FLOAT, STEEL TROWELLED AND BROOMED WITH A FINE BRUSH IN A TRANSVERSE DIRECTION.
7. 1/4" DEEP SCORED JOINTS (TYP) SPACED AT 6' OR EQUAL TO SIDEWALK WIDTH.

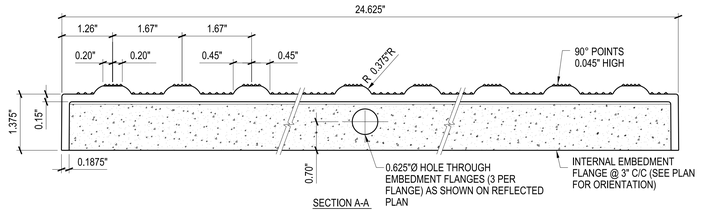
2 CONCRETE SIDEWALK

N.T.S.

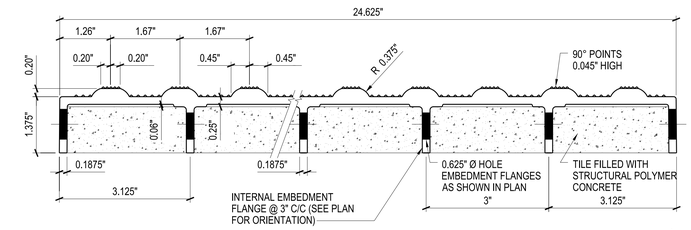


3 CURB TYPICAL SECTION

N.T.S.



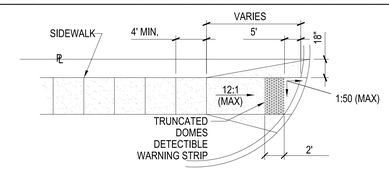
SECTION A-A

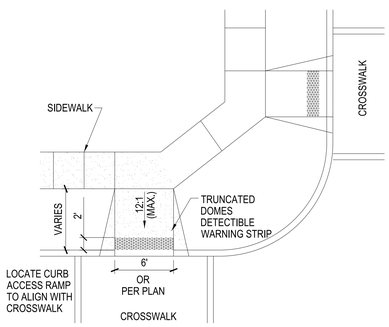


SECTION B-B

DETECTABLE WARNING NOTES:

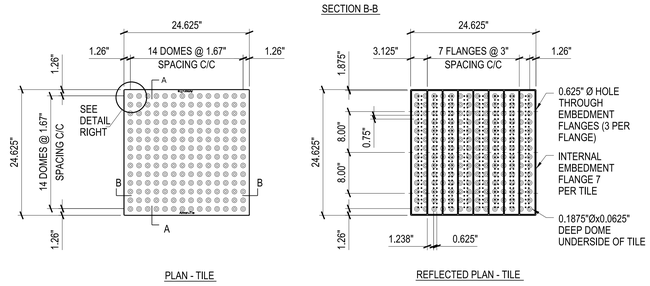
THE DETECTABLE WARNING STRIP MUST COVER THE ENTIRE WIDTH OF THE RAMP OPENING, EXCLUDING THE WINGS. ALL DOMES MUST BE ALIGNED IN THE DIRECTION OF TRAVEL. ONE CORNER OF THE LEADING EDGE OF THE DETECTABLE WARNING MAY BE MORE THAN 5 FEET FROM THE BACK OF THE CURB. WHEN LOCATED ALONG A CURB RETURN, THE LEADING EDGE OF THE DETECTABLE WARNING MAY BE DEFINED BY THE CHORD DRAWN BETWEEN THE LEADING EDGES OF THE RAMP OPENING.





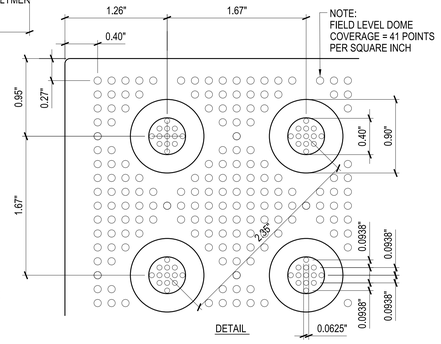
5 CURB ACCESS RAMP DETAILS

N.T.S.



PLAN - TILE

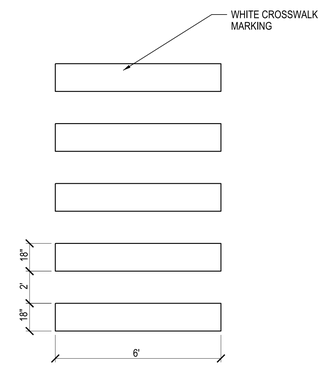
REFLECTED PLAN - TILE



DETAIL

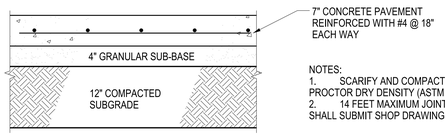
6 TRUNCATED DOME TACTILE - WARNING STRIP

N.T.S.



7 CROSSWALK MARKING DETAILS

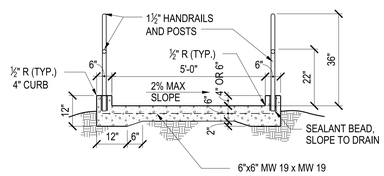
N.T.S.



NOTES:
1. SCARIFY AND COMPACT SUBGRADE TO 95% STANDARD PROCTOR DRY DENSITY (ASTM D698).
2. 14 FEET MAXIMUM JOINT SPACING. CONTRACTOR SHALL SUBMIT SHOP DRAWING OF PROPOSED JOINTING PLAN.

8 ACCESS ROAD AND PARKING CONCRETE PAVEMENT TYPICAL SECTION

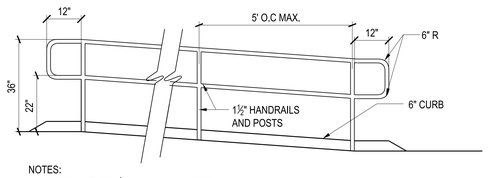
N.T.S.



NOTE: HANDRAIL TO BE 1 1/2" O.D. GALVANIZED STEEL PIPE, POWDER COATED DARK BRONZE.

9 RAMP SECTION

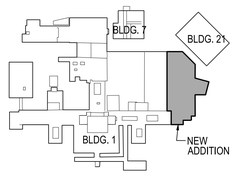
1/2" = 1'-0"



NOTES:
1. HANDRAIL TO BE 1½" O.D. GALVANIZED STEEL PIPE, POWDER COATED DARK BRONZE.
2. ALTERNATE 1 - DETAIL IS DELETED.

10 RAMP ELEVATION

1/2" = 1'-0"



Revisions	Date	Revisions	Date	Revisions	Date

HEERY design

Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number 11-25503

Drawing Title: SITE DETAILS

CONSTRUCTION DOCUMENTS

Project Title: EXPAND BLDG. 1 FOR PACT AMBULATORY CARE & RADIOLOGY

Building No.: BLDG 1 | Checked: LB | Drawn: JT

Location: ICVA HEALTH CARE SYSTEM

Date: 12/15/2014

Project No.: 636-201

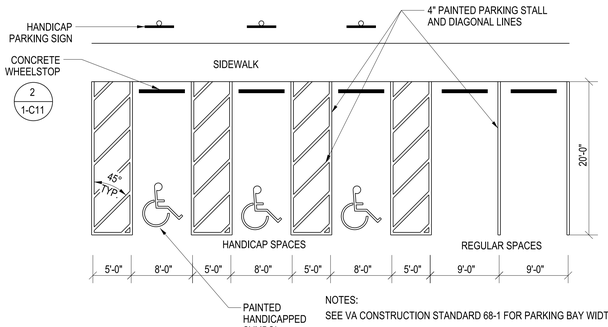
DRAWING NO. 1-C10

Office of Facilities

Department of Veterans Affairs

PROJECT: IC - VAMC - EXPAND BLDG. 1 FOR PACT PROJECT
SHEET TITLE: \\Vaea-v0002-vhim1\S\10250500_CAD\1-CD-10250500-MC.dgn
DATE: 12/12/2014 PEN TABLE:HIE_IPLOT.Grey8.pen
PLOTTED BY: Kevin Jensen

VA FORM 08-6231, FEB. 1983



NOTES:

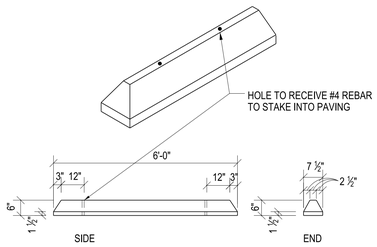
SEE VA CONSTRUCTION STANDARD 68-1 FOR PARKING BAY WIDTHS

SEE VA BARRIER FREE DESIGN HANDBOOK H-08-13 FOR HANDICAP SPACE QUANTITIES AND SIGNAGE.

ACCESSIBLE SPACES FOR VANS MUST BE 11'-0" WIDE, HAVE 5' ACCESS AISLES, AND BE DESIGNATED FOR VANS ONLY.

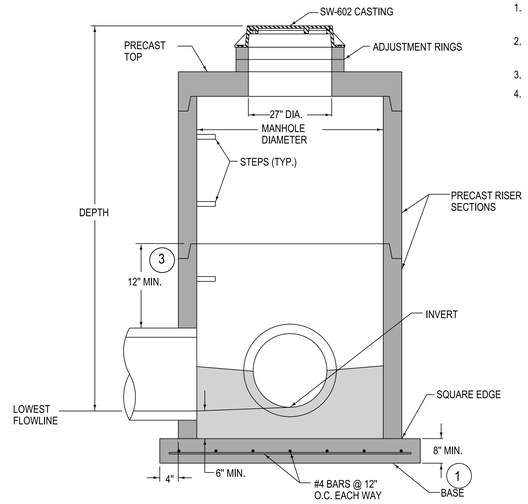
1 PARKING STALL LAYOUT

N.T.S.



2 CONCRETE WHEELSTOP

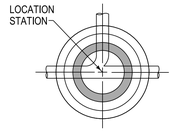
N.T.S.



TYPICAL SECTION

NOTES:

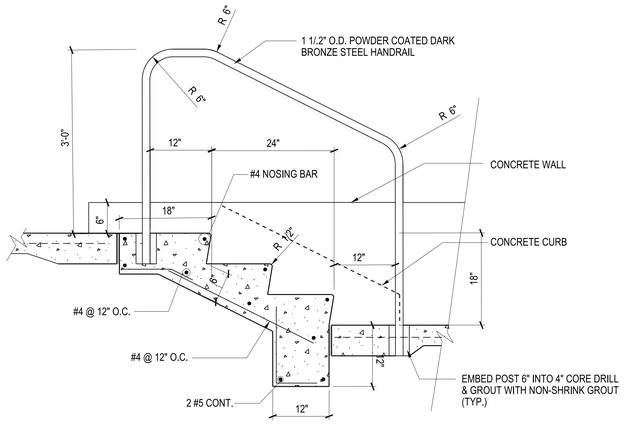
1. CAST-IN-PLACE BASE SHOWN. IF BASE IS PRECAST INTEGRAL WITH BOTTOM RISER, THE FOOTPRINT OF THE BASE IS NOT REQUIRED TO EXTEND BEYOND THE OUTER EDGE OF THE RISER.
2. FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES OF CONCRETE BETWEEN VERTICAL EDGES OF PIPE OPENINGS.
3. 12 INCH MINIMUM RISER HEIGHT ABOVE ALL PIPE OPENINGS.
4. STORM MANHOLE TO MEET REQUIREMENTS OF ASTM C478.



MANHOLE DIAMETER (INCHES)	MAXIMUM PIPE DIAMETER (INCHES) FOR 2 PIPES (2)	
	AT 180° SEPARATION	AT 90° SEPARATION
48	24	18
60	36	24

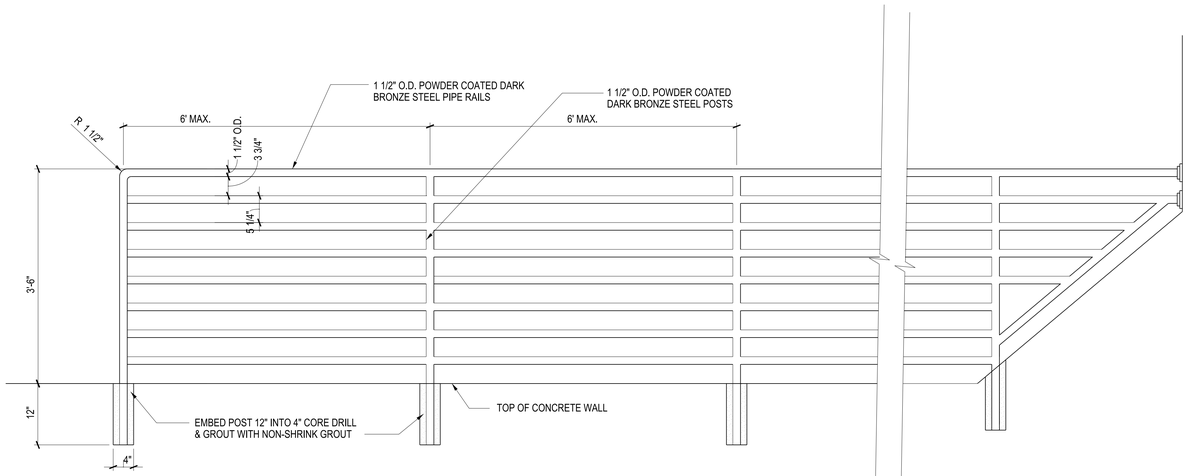
3 STORM SEWER MANHOLE DETAILS

N.T.S.



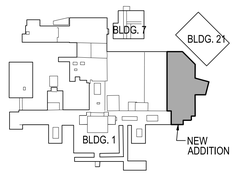
4 STAIR ELEVATION

1" = 1'-0"



5 GUARD RAIL ELEVATION

1" = 1'-0"



Revisions	Date	Revisions	Date	Revisions	Date

HEERY design

Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number 11-25503

Drawing Title: SITE DETAILS

CONSTRUCTION DOCUMENTS

Project Title: EXPAND BLDG. 1 FOR PACT AMBULATORY CARE & RADIOLOGY

Building No.: BLDG 1 | Checked: LB | Drawn: JT

Location: ICVA HEALTH CARE SYSTEM

Date: 12/15/2014

Project No.: 636-201

DRAWING NO. 1-C11

Office of Facilities

Department of Veterans Affairs

PROJECT: IC- VAMC- EXPAND BLDG. 1 FOR PACT PROJECT
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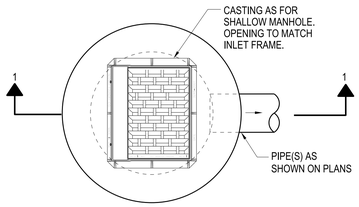
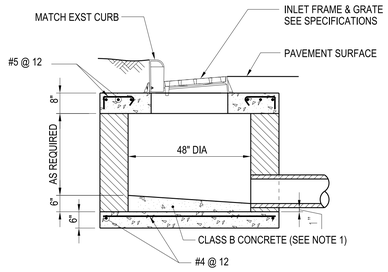
DATE: 12/22/2014
PLOTTED BY: Kevin Kern
PEN TABLE:HIE_JPG.CT.Color16.pen

VA FORM 08-6231, FEB. 1983



PLAN



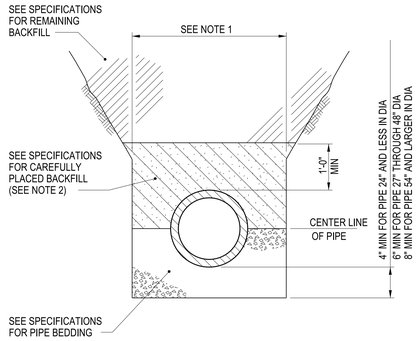
SECTION 1

NOTES:

1. FOR INLETS HAVING PIPES ENTERING AND LEAVING, REVISE CONCRETE TO SUIT.
2. WALL DIMENSIONS VARY WITH THE MATERIAL USED IN CONSTRUCTION. POURED IN PLACE CONCRETE WALL SHALL BE 8" THICK. PRECAST CONCRETE PIPE SHALL CONFORM TO PIPE CLASS SPECIFIED.

1 STANDARD STORM SEWER TYPE II CURB INLET

N.T.S.

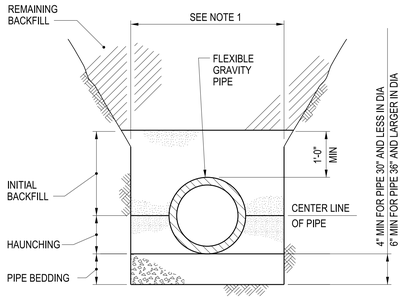


TYPICAL TRENCH CROSS-SECTION

NOTES:

1. SEE SPECIFICATIONS FOR ALLOWABLE TRENCH WIDTH.
2. SELECT BACKFILL MAY BE SUBSTITUTED FOR JOB EXCAVATED MATERIAL AND SHALL BE USED WHERE REMAINING BACKFILL IS SPECIFIED TO BE SELECT BACKFILL MATERIAL.

CLASS "B" PIPE BEDDING



TYPICAL TRENCH CROSS-SECTION

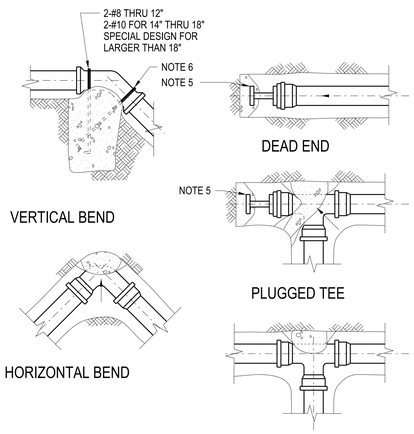
NOTES:

1. SEE SPECIFICATIONS FOR ALLOWABLE TRENCH WIDTH.
2. SEE SPECIFICATIONS FOR MATERIALS AND COMPACTION.

TYPE I PIPE BEDDING

2 PIPE BEDDING DETAILS

N.T.S.

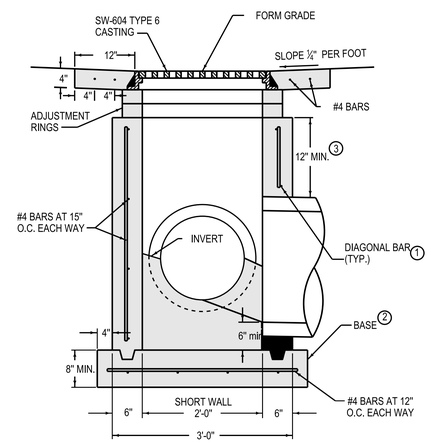


NOTES:

1. ALL BLOCKS TO BE CLASS B CONCRETE.
2. TO DETERMINE BLOCK SIZE SEE TABLE IN SPECIFICATIONS.
3. ALL BLOCKS TO BEAR AGAINST UNDISTURBED EARTH.
4. ARROWS INDICATE DIRECTION OF THRUST.
5. 3" STANDARD WEIGHT STEEL PIPE W/ 3/8" X 6 X 0'-6 STEEL PLATES.
6. COAT EXPOSED PORTION OF BARS WITH BITUMASTIC COMPOUND.

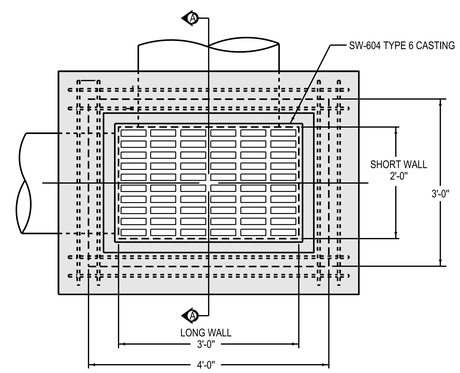
3 UTILITY THRUST BLOCK DETAILS

N.T.S.



SECTION A-A

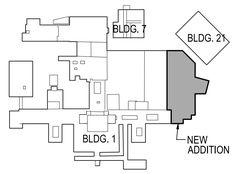
1. INSTALL FOUR #4 DIAGONAL BARS AT ALL PIPE OPENINGS.
2. CAST-IN-PLACE BASE SHOWN. IF BASE IS PRECAST INTEGRAL WITH WALLS, THE FOOTPRINT OF THE BASE IS NOT REQUIRED TO EXTEND BEYOND THE OUTER EDGE OF THE WALLS.
3. 12 INCH MINIMUM WALL HEIGHT ABOVE ALL PIPES.



PLAN

4 STORM SEWER TYPE I INLET

N.T.S.



Revisions	Date	Revisions	Date	Revisions	Date

HEERY design

Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number 11-25503

Drawing Title: SITE DETAILS

CONSTRUCTION DOCUMENTS

Project Title: EXPAND BLDG. 1 FOR PACT AMBULATORY CARE & RADIOLOGY

Building No.: BLDG 1 | Checked: LB | Drawn: JT

Location: ICVA HEALTH CARE SYSTEM

Date: 12/15/2014

Project No.: 636-201

DRAWING NO. 1-C12

Office of Facilities

Department of Veterans Affairs

VA FORM 08-6231, FEB. 1983

PROJECT: IC - VAMC - EXPAND BLDG. 1 FOR PACT PROJECT
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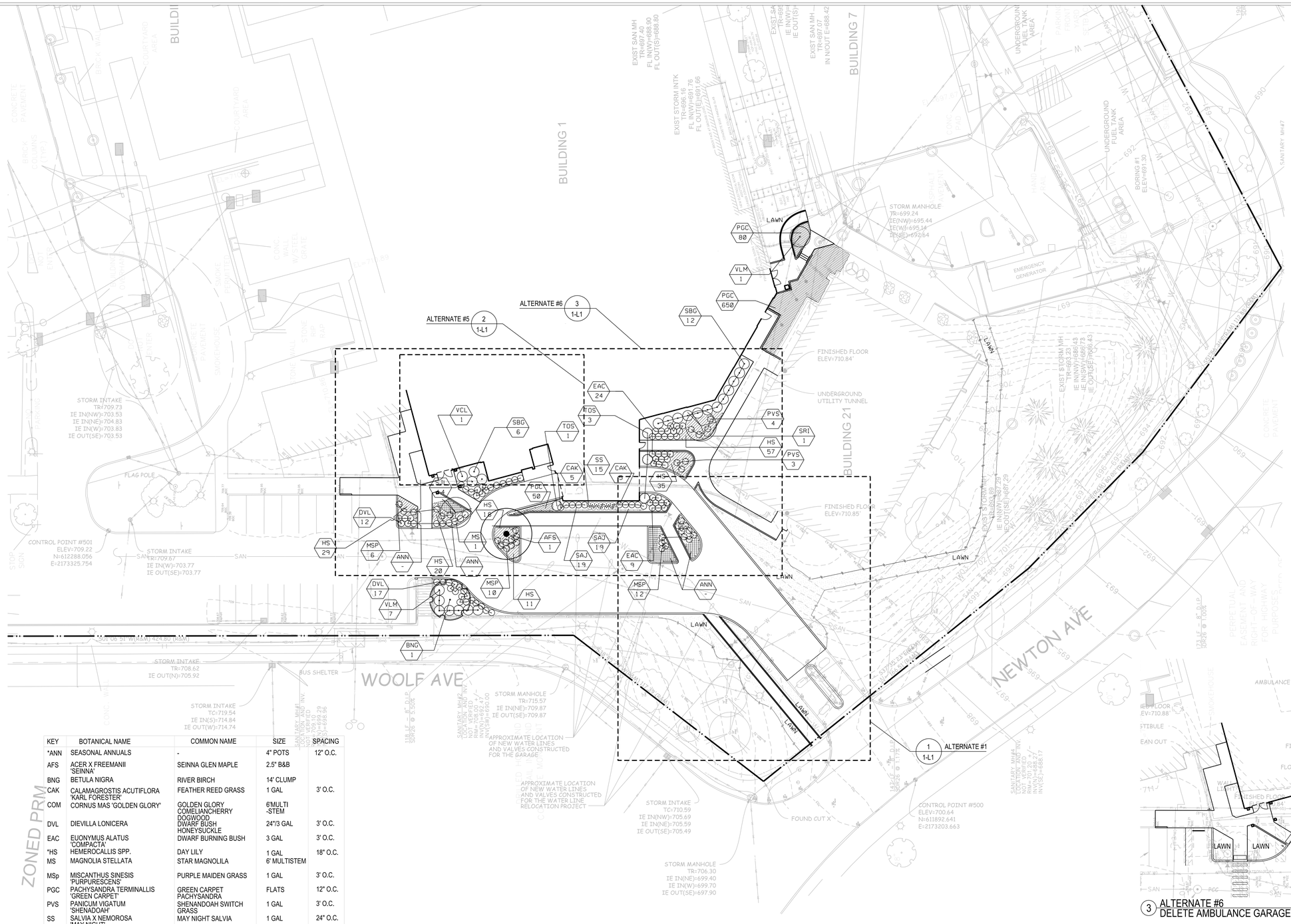
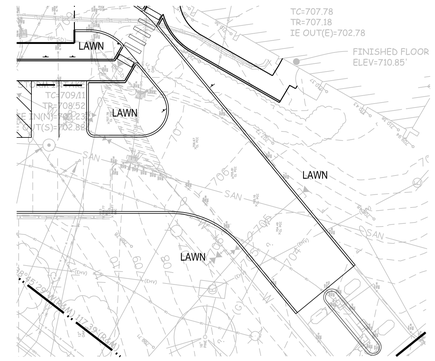
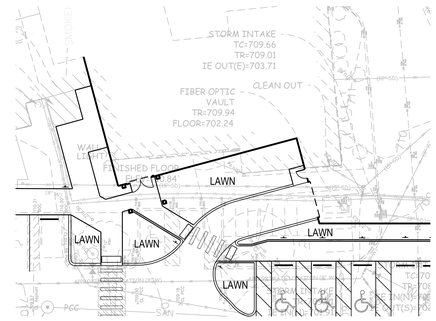
PLOT DATE: 12/12/2014
PLOTTED BY: Brian Gillespie
PEN TABLE: HIL_PLOT.Civil.pen



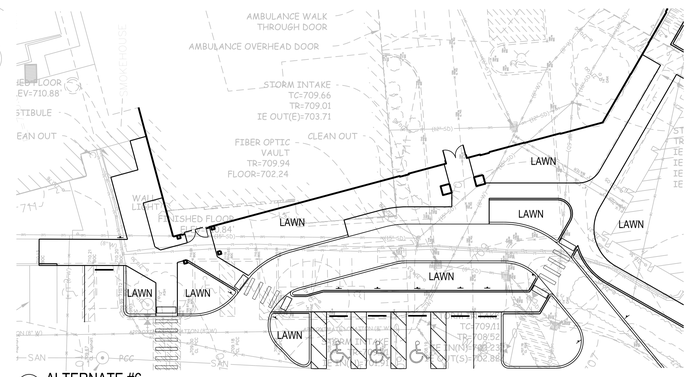


NOTE: ALTERNATE #1 ALSO INCLUDE DEDUCTING ALL LANDSCAPE PLANTINGS. PROVIDE LAWN IN LIEU OF PLANTINGS.

1 ALTERNATE #1
DELETE SIDEWALK AND CROSSWALK TO NEWTON AVE



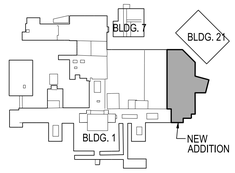
2 ALTERNATE #5
DELETE PHARMACY CACHE AND EXTERIOR STAIR



3 ALTERNATE #6
DELETE AMBULANCE GARAGE

KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
*ANN	SEASONAL ANNUALS	-	4" POTS	12" O.C.
AFS	ACER X FREEMANII 'SEIINNA'	SEINNA GLEN MAPLE	2.5" B&B	
BNG	BETULA NIGRA	RIVER BIRCH	14' CLUMP	
CAK	CALAMAGROSTIS ACUTIFLORA 'KARL FORESTER'	FEATHER REED GRASS	1 GAL	3' O.C.
COM	CORNUS MAS 'GOLDEN GLORY'	GOLDEN GLORY COMELIANCHERRY DOGWOOD	6'MULTI -STEM	
DVL	DIEVILLA LONICERA	DWARF BUSH HONEYSUCKLE	24"/3 GAL	3' O.C.
EAC	EUONYMUS ALATUS 'COMPACTA'	DWARF BURNING BUSH	3 GAL	3' O.C.
*HS	HEMEROCALLIS SPP.	DAY LILY	1 GAL	18" O.C.
MS	MAGNOLIA STELLATA	STAR MAGNOLILA	6' MULTISTEM	
MSp	MISCANTHUS SINESIS 'PURPURESCENS'	PURPLE MAIDEN GRASS	1 GAL	3' O.C.
PGC	PACHYSANDRA TERMINALLIS 'GREEN CARPET'	GREEN CARPET PACHYSANDRA	FLATS	12" O.C.
PVS	PANICUM VIGATUM 'SHENADOAH'	SHENANDOAH SWITCH GRASS	1 GAL	3' O.C.
SS	SALVIA X NEMOROSA 'MAY NIGHT'	MAY NIGHT SALVIA	1 GAL	24" O.C.
SAJ	SEDUM 'AUTUM JOY'	AUTUM JOY SEDUM	1 GAL	3' O.C.
SBg	SPIRAEA X BUMALDA 'GOLD FLAME'	GOLD FLAME SPIERA	3 GAL	4' O.C.
SJL	SPIRAEA JAPONICA 'LITTLE PRINCES'	LLITTLE PRINCES SPIREA	3 GAL	4' O.C.
SRI	SYINGA RETICULATA 'IVORY SILK'	IVORY SILK LILAC	10'-12' CLUMP	
TOs	THUJA OCCIDENTALIS 'smaragd'	AMERICAN ARBORVITAE	6' HEIGHT	
VCL	VIBURNUM CARLESII	KOREANSPICE VIBURNUM	3 GAL	4' O.C.
VLM	VIBURNUM LANTANA 'MOHICAN'	MOHIGAN VIBURNUM	3 GAL	4' O.C.

*SEASONAL ANNUALS-TRIANGULAR SPACING, APPROVE SELECTION WITH OWNER AT TIME OF PLANTING.



NORTH

SCALE: 1"=20'

Revisions	Date	Revisions	Date	Revisions	Date

VA FORM 08-6231, FEB. 1983

HEERY design

Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number 11-25503

Drawing Title: PLANTING PLAN

CONSTRUCTION DOCUMENTS

Project Title: EXPAND BLDG. 1 FOR PACT AMBULATORY CARE & RADIOLOGY

Building No.: BLDG 1 | Checked: JW | Drawn: EW

Location: ICVA HEALTH CARE SYSTEM

Date: 12/15/2014

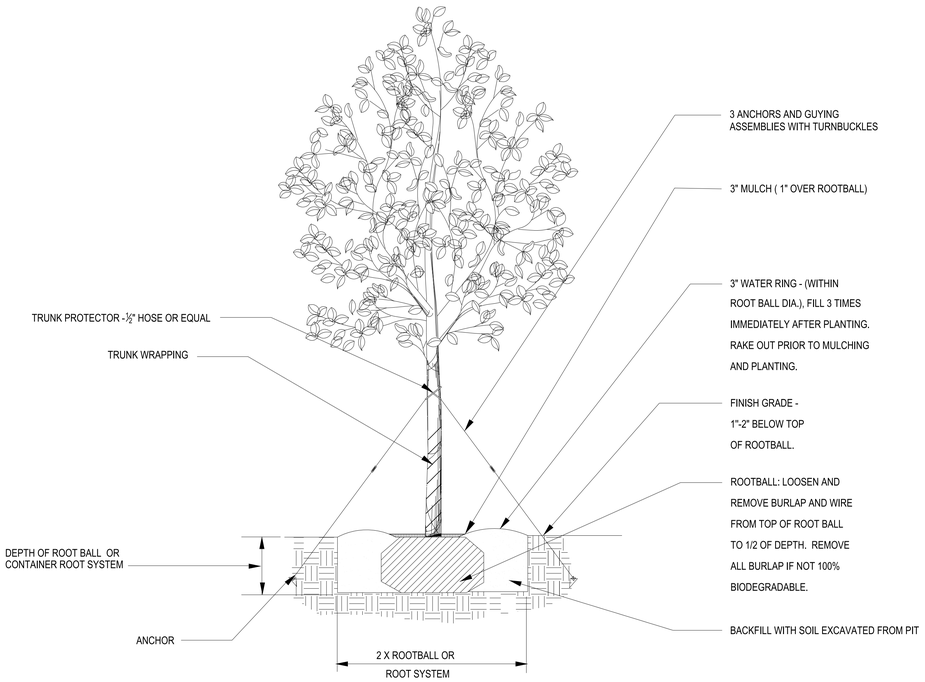
Project No.: 636-201

DRAWING NO. 1-L1

Office of Facilities

Department of Veterans Affairs

PROJECT: IC: VAMC: EXPAND BLDG. 1 FOR PACT PROJECT
SHEET TITLE: \\Vbtxs\v0002-\dwn\1\10\2560_CADD\1-L1-102560-IAC.dgn
PLOTTED BY: Jeremy Jones 12/22/2014
PLOTTER: PDF_Driver.pdf PEN TABLE:HIE_JPG-DT-Color8.pen

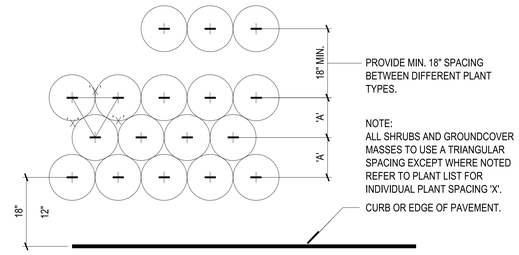


1 TREE DETAIL

SECTION

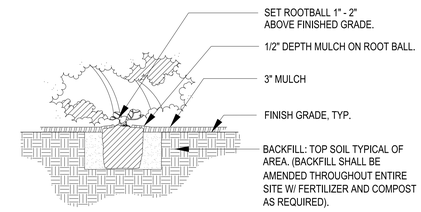
ALTERNATE #1

DEDUCT ALL LANDSCAPE PLANTINGS. PROVIDE LAWN IN LIEU OF PLANTINGS.



NOTE: USE ONLY WHERE PLANTS ARE SPACED EQUAL DISTANCE FROM EACH OTHER AS SHOWN.

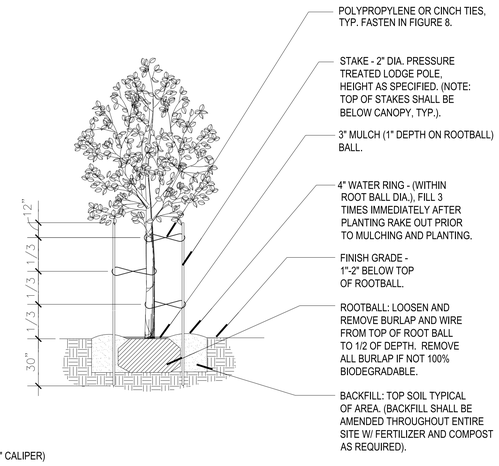
PLANT SPACING DIAGRAM



PRUNING:
REMOVE ANY BROKEN BRANCHES.

2 SHRUB PLANTING DETAIL

N.T.S.



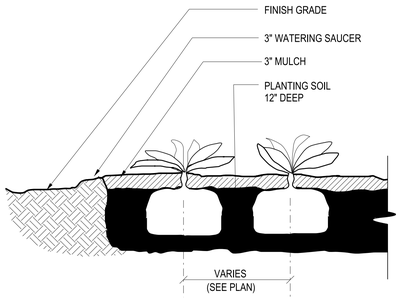
(UP TO 3.0" CALIPER)

3 SMALL TREE DETAIL

SECTION

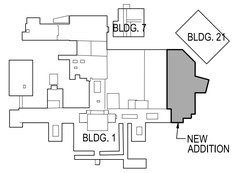
LANDSCAPE NOTES:

1. ALL SHRUB MATERIAL SHALL BE PLANTED IN STAGGERED ROWS, SPACED ON CENTER (O.C.) UNLESS OTHERWISE INDICATED.
2. ALL PLANTING BEDS TO BE COVERED WITH MULCH AS NOTED ON PLANS AND DETAILS.
3. WATER ALL PLANT MATERIAL IMMEDIATELY AFTER PLANTING.
4. CONTRACTOR SHALL VERIFY THAT QUANTITIES SHOWN ON PLAN PROVIDE COVERAGE AS SPECIFIED. REPORT ANY DISCREPANCIES PRIOR TO TIME OF BIDDING.
5. THE LANDSCAPE CONTRACTOR SHALL INSURE ADEQUATE VERTICAL DRAINAGE IN ALL PLANT BEDS BY DRILLING THROUGH COMPACTED FILL TO NATIVE SOIL AND BACKFILLING WITH GRAVEL WHEN NECESSARY.
6. NO SYNTHETIC BURLAP SHALL BE USED ON ROOT BALLS.
7. NO MULCH SHALL BE WITHIN 6" OF THE TRUNK OF TREES AND 4" FROM THE TRUNK OF SHRUBS.
8. PRUNING SHALL CONSIST OF THE REMOVAL OF ANY BROKEN BRANCHES.



4 GROUND COVER PLANTING DETAIL

N.T.S.



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Drawing Title: PLANTING DETAILS

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Location: ICVA HEALTH CARE SYSTEM

Date: 12/15/2014

Project No.: 636-201

DRAWING NO. 1-L2

Office of Facilities

Department of Veterans Affairs

VA FORM 08-6231, FEB. 1983

PROJECT: IC - VAMC - EXPAND BLDG. 1 FOR PACT PROJECT
SHEET TITLE: \\ldes-v0002-vfsm1\10\1020600_CADD\1L2-1020600-IAC.dgn
DATE: 12/12/2014
PLOTTED BY: Eric Wright
PEN TABLE: HIL_IPL-01.Ctb;ivb.pen