

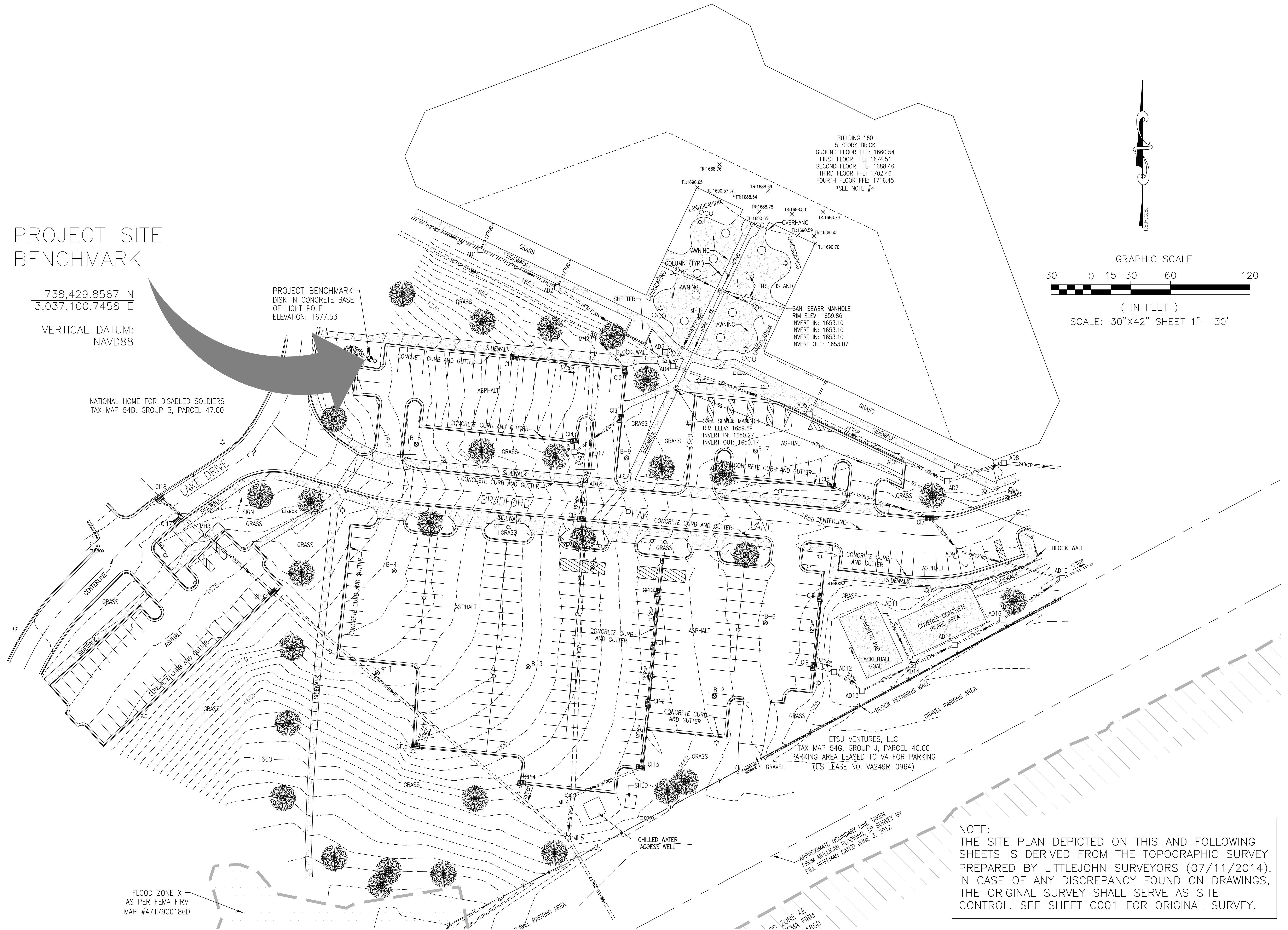
PROJECT SITE  
BENCHMARK

738,429.8567 N  
3,037,100.7458 E

VERTICAL DATUM:  
NAVD88

PROJECT BENCHMARK  
DISK IN CONCRETE BASE  
OF LIGHT POLE  
ELEVATION: 1677.53

NATIONAL HOME FOR DISABLED SOLDIERS  
TAX MAP 54B, GROUP B, PARCEL 47.00



NOTE:  
THE SITE PLAN DEPICTED ON THIS AND FOLLOWING  
SHEETS IS DERIVED FROM THE TOPOGRAPHIC SURVEY  
PREPARED BY LITTLEJOHN SURVEYORS (07/11/2014).  
IN CASE OF ANY DISCREPANCY FOUND ON DRAWINGS,  
THE ORIGINAL SURVEY SHALL SERVE AS SITE  
CONTROL. SEE SHEET C001 FOR ORIGINAL SURVEY.

FINAL CONSTRUCTION DRAWINGS  
APPROVED FOR CONSTRUCTION

Dwg. File	ARCHITECT/ENGINEERS:	MICHAEL D. TOOTLE, PE Florida Reg. 67818	CONSULTANTS:	Approved:	Drawing Title	Project Title	Date
	<b>AKEA INC.</b> 3603 NW 98TH ST., SUITE B GAINESVILLE, FLORIDA 32606 PH: (352) 474-6124 FAX: (352) 474-6324 CERT OF AUTH: FL #26693 EXPIRES: 02/28/2017		<b>WALKER</b> PARKING CONSULTANTS 4904 Eisenhower Blvd Suite 150 Tampa, FL 33634 813.888.5800 Ph 813.888.5822 Fax BE-0003840 www.walkerparking.com	Asst. Chief, Engineering Service Engineering Bldg. Maint. Foreman Engineering Operation Foreman Engineering Health & Safety Engineering Planning & Analysis C.O.T.R.	<b>TOPOGRAPHIC SURVEY, BASE FILE</b>	<b>CONSTRUCT 525 SPACE PARKING GARAGE</b> CONTRACT No. VA249-14-C-0150 Building Number <b>160</b> Checked SSH Drawn MDT Location VAMC MOUNTAIN HOME, TENNESSEE	MARCH 26, 2015 Project No. 621-330 DRAWING NO. <b>C100</b> Page 11 of 131
Revisions	Date	AKEA, INC.	SEAL				



PROJECT SITE  
BENCHMARK

738,429.8567 N  
3,037,100.7458 E

VERTICAL DATUM:  
NAVD88

PROJECT BENCHMARK  
DISK IN CONCRETE BASE  
OF LIGHT POLE  
ELEVATION: 1677.53

NATIONAL HOME FOR DISABLED SOLDIERS  
TAX MAP 54B, GROUP B, PARCEL 47.00

PARKING LOT  
OPEN

PARKING LOT  
CLOSED

CONSTRUCTION  
FENCE  
BOUNDARY

NOTE:  
SEE SHEET C002 FOR  
DISCUSSION OF PHASING

NOTE:  
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SHEETS IS DERIVED FROM THE TOPOGRAPHIC SURVEY  
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CONTROL. SEE SHEET C001 FOR ORIGINAL SURVEY.

FINAL CONSTRUCTION DRAWINGS  
APPROVED FOR CONSTRUCTION

Dwg. File	ARCHITECT/ENGINEERS:	MICHAEL D. TOOTLE, PE Florida Reg. 67818	CONSULTANTS:	Approved:	Drawing Title	Project Title	Date
	<b>AKEA INC.</b>		<b>WALKER</b> PARKING CONSULTANTS 4904 Eisenhower Blvd Suite 150 Tampa, FL 33634 813.888.5800 Ph 813.888.5822 Fax BE-0003840 www.walkerparking.com	Asst. Chief, Engineering Service Engineering Bldg. Maint. Foreman Engineering Operation Foreman Engineering Health & Safety Engineering Planning & Analysis C.O.T.R.	<b>LIMITS OF CONSTRUCTION</b>	<b>CONSTRUCT 525 SPACE PARKING GARAGE</b>	MARCH 26, 2015
Revisions		AKEA, INC.	<b>FRANK DAUCHTRY</b> architect 200 E. Government Street Suite 240-A Pensacola, FL 32502 Voice 850-433-3023 Fax 850-433-3025 Email frank@frankda.com		Approved: Chief, Engineering Service Approved: Service Chief	CONTRACT No. VA249-14-C-0150 Building Number <b>160</b> Location <b>VAMC MOUNTAIN HOME, TENNESSEE</b>	Project No. <b>621-330</b> DRAWING NO. <b>C110</b> Page 12 of 131
Date		SEAL				Checked SSH Drawn MDT	



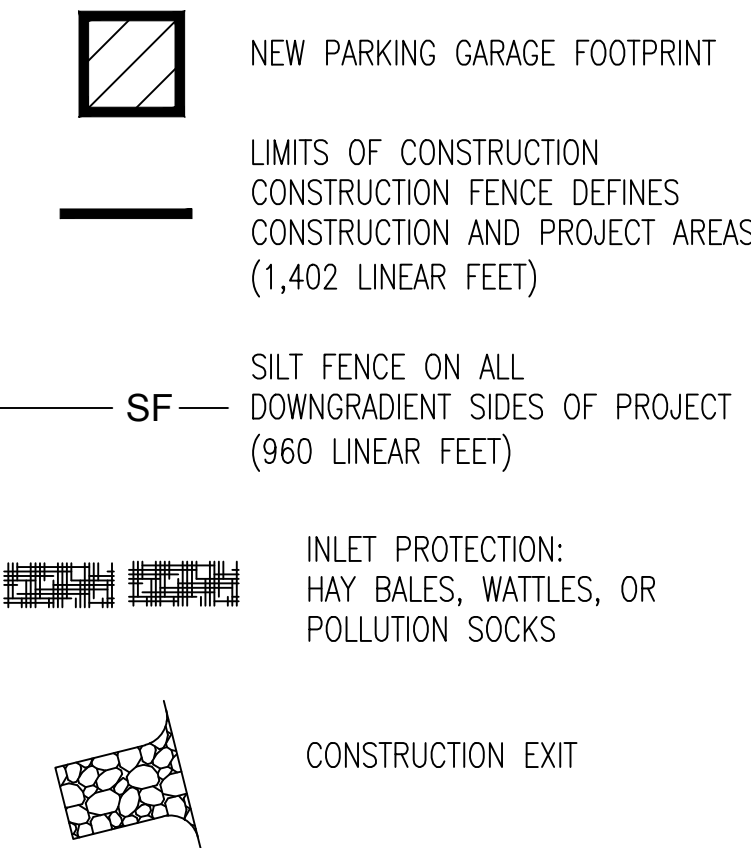




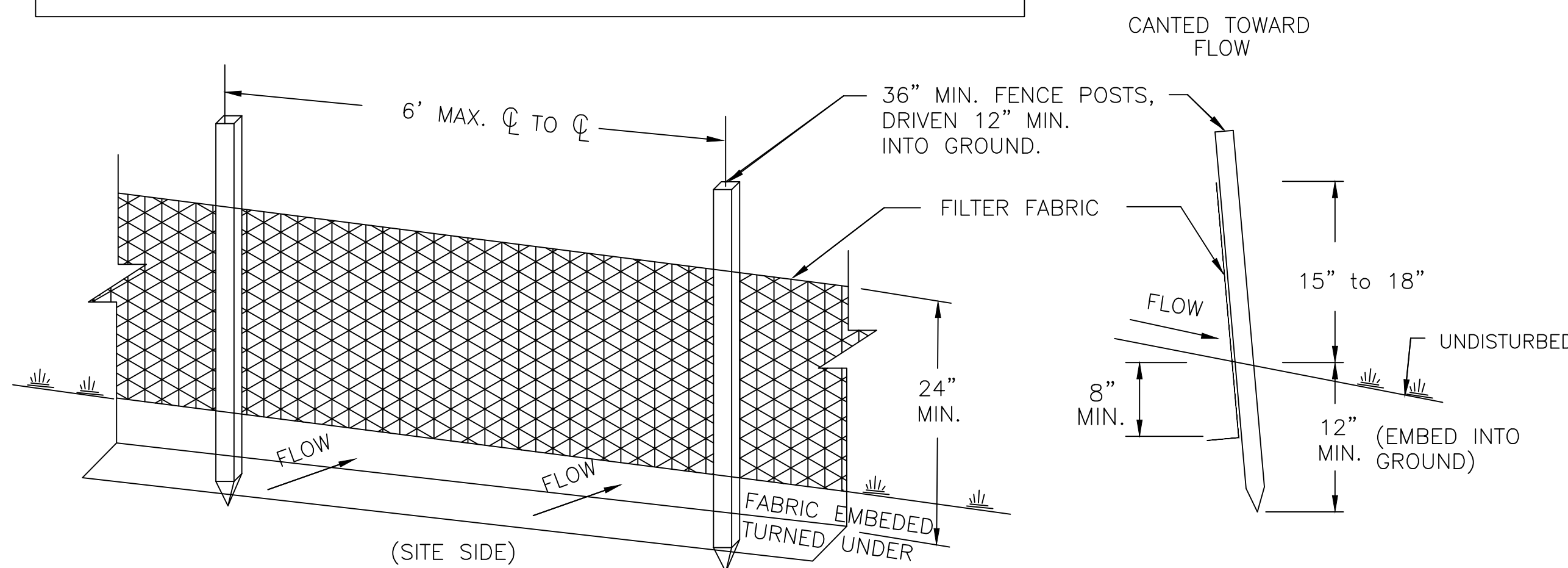
## AREA CALCULATIONS

TOTAL PROJECT AREA INCLUDES DEMO AND LAYDOWN AREAS	2.69 AC.
TOTAL EXISTING IMPERVIOUS AREA DEMO'D PARKING LOT TO BE REMOVED	1.23 AC.
TOTAL PROPOSED NEW IMPERVIOUS AREA MAIN GARAGE FOOTPRINT CONSTRUCTED	0.98 AC.
LEVELS 3&4 OVERHANG ADD. AREA OVER EXISTING BRADFORD PEAR DRIVE	0.24 AC.

## LEGEND



## TN ESC HANDBOOK: 7.34 SILT FENCE



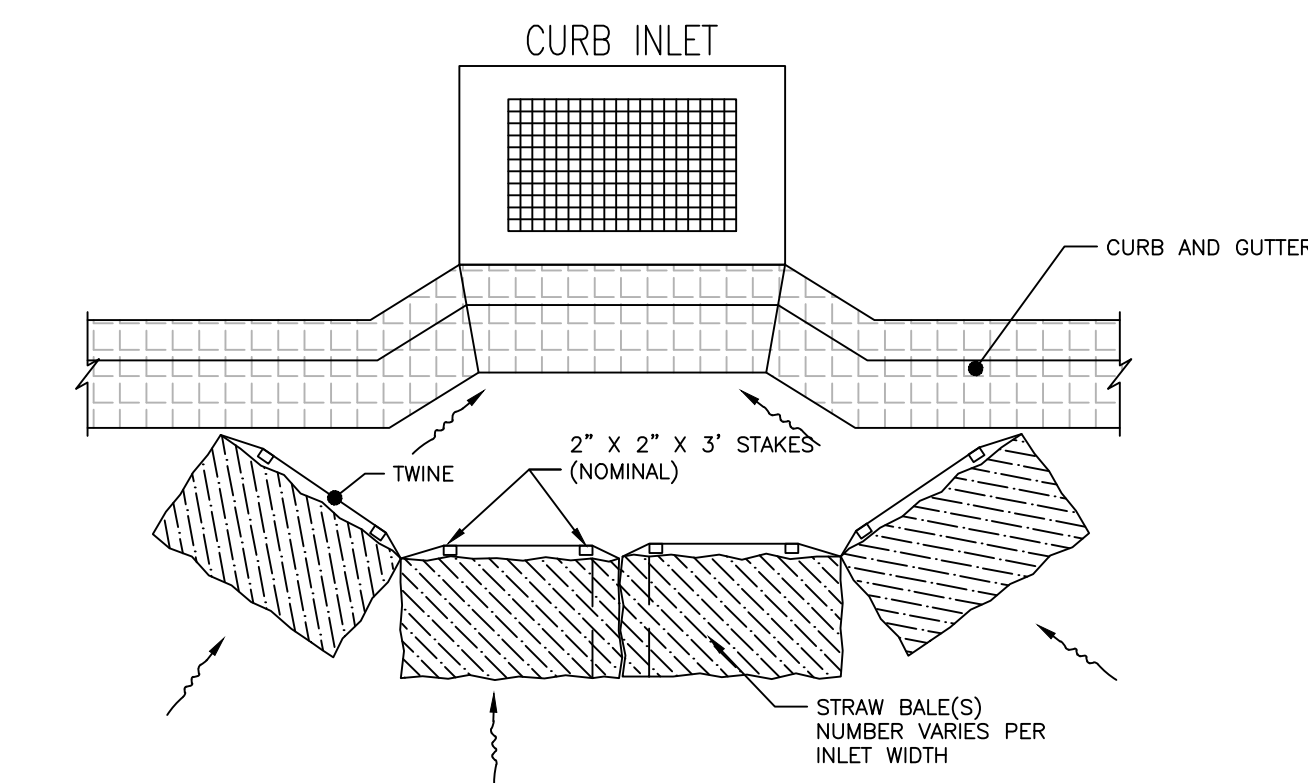
SILT FENCE DETAILS  
SCALE: N.T.S.

## SILT FENCE NOTES

1. SILT BARRIERS SHALL BE INSTALLED AROUND SITE AS DETAILED PRIOR TO ANY CONSTRUCTION ACTIVITY.
2. CONTRACTOR SHALL MAINTAIN AND CONTINUE TO INSTALL SILT BARRIERS AS REQUIRED TO PROVIDE EROSION CONTROL FOR THE CURRENT CONSTRUCTION ACTIVITY.
3. FILTER FABRIC SHALL BE FASTENED SECURELY TO POSTS.
4. WHEN TWO SECTIONS OF FILTER FABRIC ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
5. POSTS SHALL BE 2" X 4" OR 2-1/2" MIN. DIA. WOOD OR STEEL 1.33#/FT. MIN.

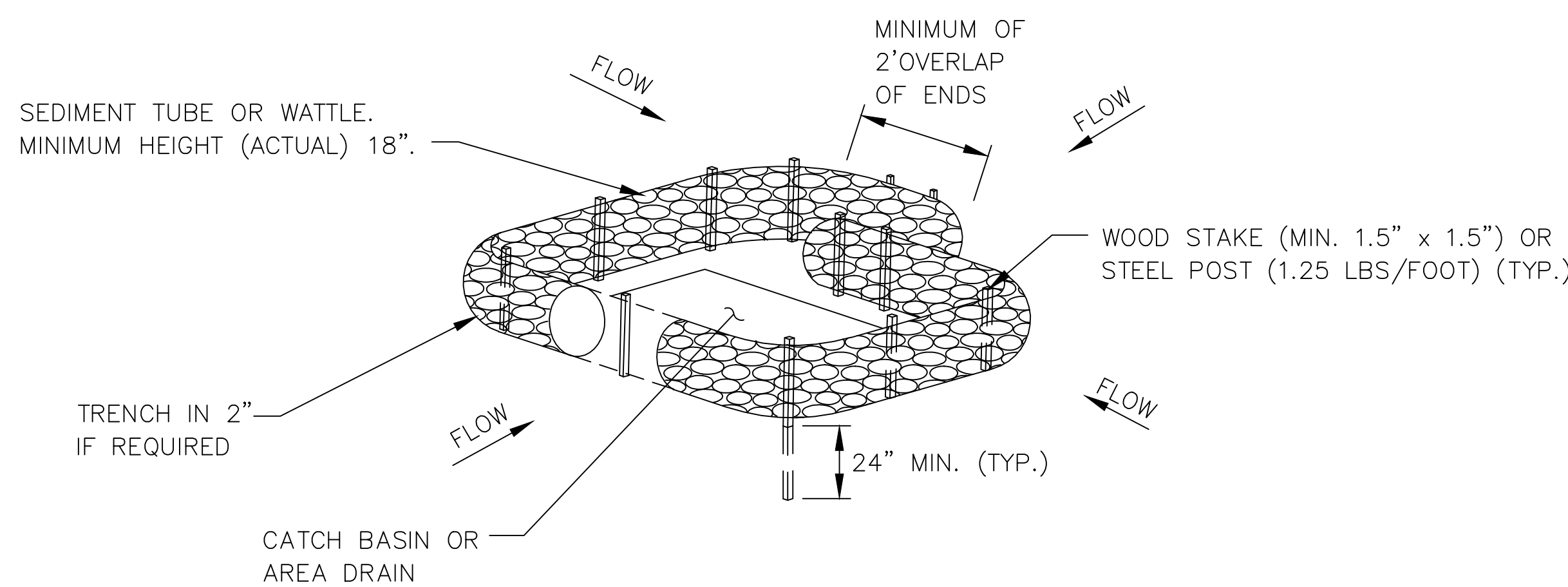
## TYPICAL HAY BALE ARRANGEMENT AROUND DITCH BOTTOM INLETS

SCALE: N.T.S.



TYPICAL HAY BALE ARRANGEMENT  
AROUND CURB INLETS  
SCALE: N.T.S.

## CATCH BASIN PROTECTION (TYPE D)



### NOTE:

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTROL EROSION AND SEDIMENT TRANSPORT FROM THE JOB SITE.

THE TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION, DIVISION OF WATER RESOURCES, MAINTAINS CONSTRUCTION PERMIT CONTROL OVER CONSTRUCTION ACTIVITIES GREATER THAN 1 ACRE. THE REQUIREMENTS INCLUDE SUBMITTAL OF A NOTICE OF INTENT, PAYMENT OF PERMIT FEE, PREPARATION OF A STORM WATER POLLUTION PREVENTION PLAN AND TWICE-WEEKLY INSPECTIONS.

<http://tennessee.gov/environment/permits/conststrm.shtml>

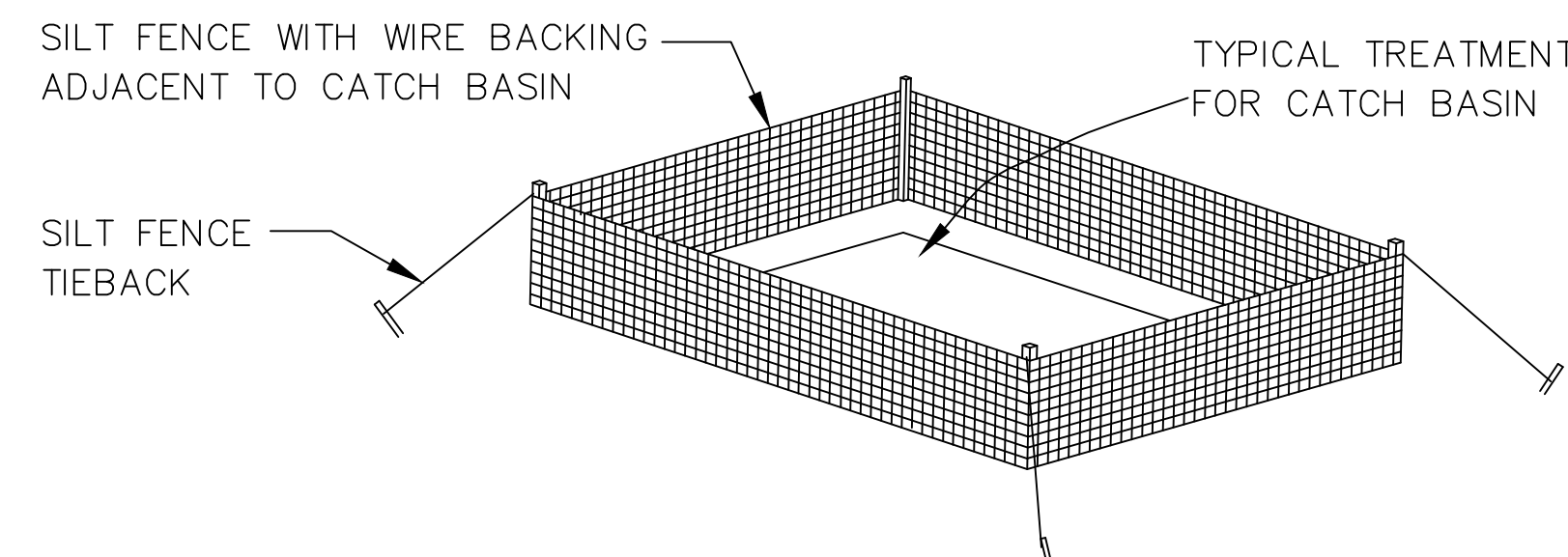
THE TENNESSEE EROSION PREVENTION AND SEDIMENT CONTROL TRAINING PROGRAM FOR CONSTRUCTION SITES OFFERS ADDITIONAL RESOURCES FOR CONTRACTORS. <http://tnepsc.org/indexNew.asp>

## EROSION CONTROL NOTES:

1. ALL PRACTICAL AND NECESSARY EFFORT SHALL BE TAKEN, DURING CONSTRUCTION TO CONTROL AND PREVENT EROSION AND TRANSPORT OF SEDIMENT TO SURFACE DRAINS, SURFACE WATER OR OFFSITE.
2. EROSION CONTROL MEASURES WILL BE IN ACCORDANCE WITH TENNESSEE SEDIMENT AND EROSION CONTROL BEST MANAGEMENT PRACTICES, THE TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR DISCHARGE OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES FROM SMALL SITES (LESS THAN 5 ACRES), AND THE CONTRACTOR'S STORM WATER POLLUTION PREVENTION PLAN.
3. ALL EROSION CONTROL AND SEDIMENTATION CONTROL DEVICES SHALL BE CONSTRUCTED SIMULTANEOUSLY WITH THE DISTURBANCE OF THE LAND AND SHALL REMAIN FUNCTIONAL UNTIL THE CONTRIBUTING DISTURBED AREAS ARE STABILIZED.
4. SILT BARRIERS SHALL BE INSTALLED PER DETAILS AND INSTALLED AS NECESSARY TO PREVENT EXCESSIVE SEDIMENTATION DEPOSITS DOWNSTREAM AND WITHIN DRAINAGE SYSTEM.
5. ALL DISTURBED AREAS THAT WILL NOT BE FURTHER DEVELOPED MUST BE GRASSED IMMEDIATELY TO REDUCE SOIL EROSION.
6. ALL SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND AFTER ANY STORM EVENT GREATER THAN 0.5 INCHES OF PRECIPITATION DURING ANY 24 HOUR PERIOD. ALL SEDIMENT CONTROL FEATURES SHALL BE MAINTAINED UNTIL FINAL STABILIZATION HAS BEEN OBTAINED.
7. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED UNLESS ACTIVITY IN THAT PORTION OF THE SITE WILL RESUME WITHIN 21 DAYS.
8. CONTRACTOR TO PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION.
9. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
10. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE TRACKING OF MUD ONTO PAVED ROADWAY FROM CONSTRUCTION AREAS. THE CONTRACTOR SHALL REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.

## TN ESC HANDBOOK: 7.35 INLET PROTECTION

## CATCH BASIN PROTECTION (TYPE E)



FINAL CONSTRUCTION DRAWINGS  
APPROVED FOR CONSTRUCTION

Dwg. File	ARCHITECT/ENGINEERS:	MICHAEL D. TOOTLE, PE Florida Reg. 67818	CONSULTANTS:	Approved:	Drawing Title	Project Title	Date		
	<b>AKEA INC.</b>		<b>WALKER PARKING CONSULTANTS</b>	Asst. Chief, Engineering Service	<b>SEDIMENT AND EROSION CONTROL PLAN DETAILS</b>	<b>CONSTRUCT 525 SPACE PARKING GARAGE</b>	MARCH 26, 2015		
	3603 NW 98TH ST., SUITE B GAINESVILLE, FLORIDA 32606 PH: (352) 474-6124 FAX: (352) 474-6324 CERT OF AUTH: FL #26693 EXPIRES: 02/28/2017		4904 Eisenhower Blvd Suite 150 Tampa, FL 33634 813.888.5800 Ph 813.888.5825 Fax BE-0003840 www.walkerparking.com	Engineering Bldg. Maint. Foreman Engineering Operation Foreman Engineering Health & Safety Engineering Planning & Analysis C.O.T.R.		CONTRACT No. VA249-14-C-0150 P.O. No. 621C40254	Project No. 621-330		
Revisions	Date	AKEA, INC.	SEAL		Approved: Chief, Engineering Service	Building Number 160	Checked SSH	Drawn MDT	DRAWING NO. <b>C130</b> Page 14 of 131
					Approved: Service Chief	Location VAMC MOUNTAIN HOME, TENNESSEE			

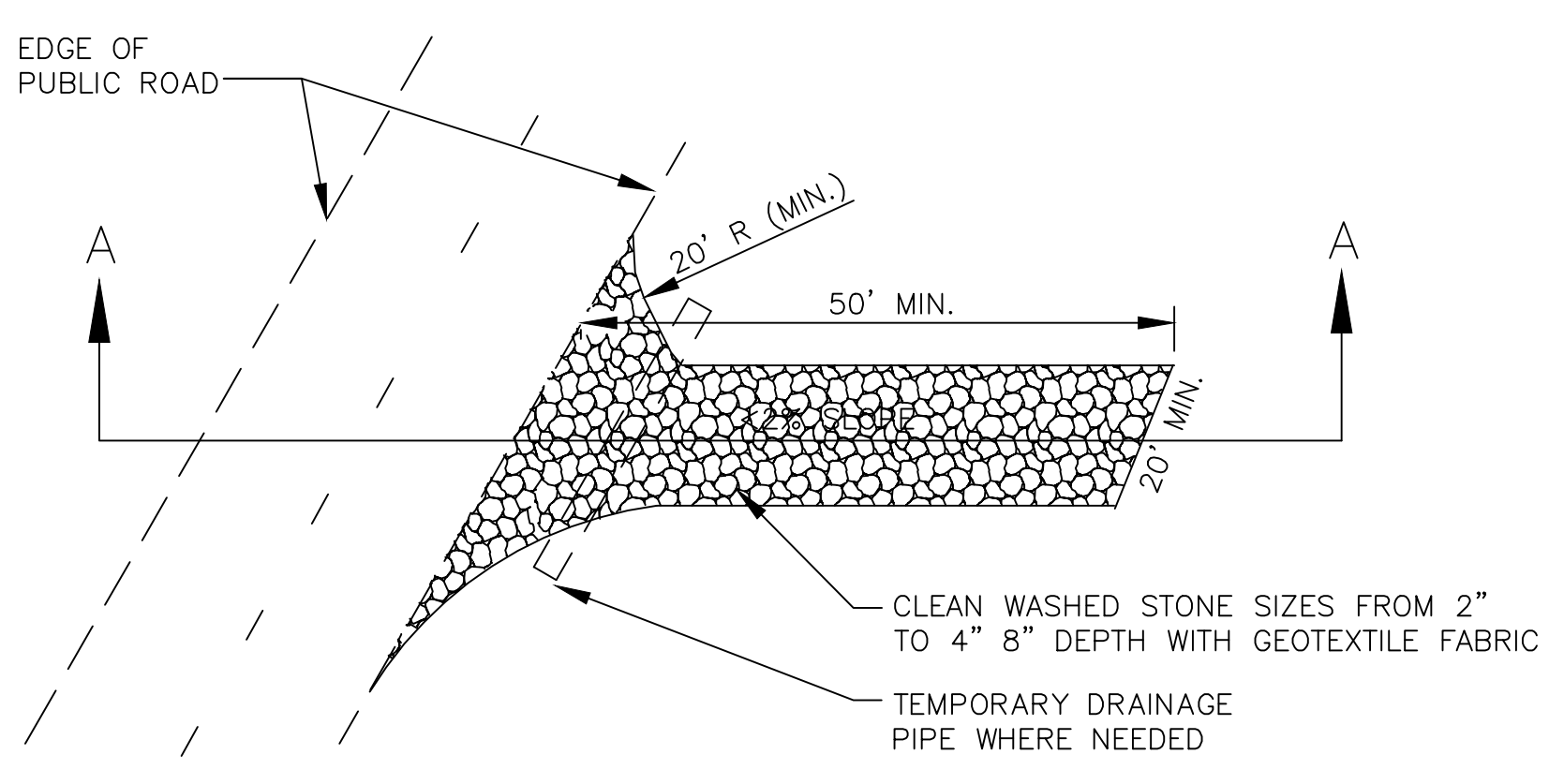


AREA CALCULATIONS table with 2 columns: Description and Area. Rows include: TOTAL PROJECT AREA (2.69 AC.), TOTAL EXISTING IMPERVIOUS AREA (1.23 AC.), TOTAL PROPOSED NEW IMPERVIOUS AREA (0.98 AC.), and LEVELS 3&4 OVERHANG ADD. AREA (0.24 AC.).

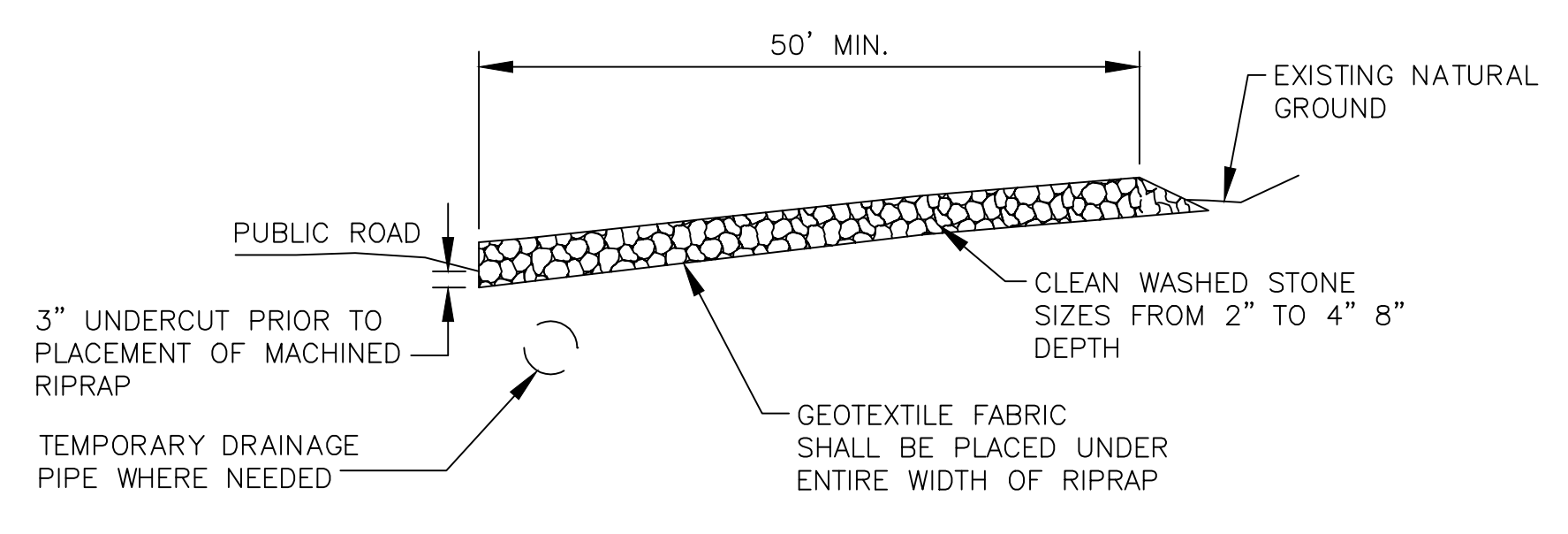
- LEGEND
- NEW PARKING GARAGE FOOTPRINT
  - LIMITS OF CONSTRUCTION
  - SILT FENCE ON ALL DOWNGRADIENT SIDES OF PROJECT
  - INLET PROTECTION
  - CONSTRUCTION EXIT

- EROSION CONTROL NOTES:
- ALL PRACTICAL AND NECESSARY EFFORT SHALL BE TAKEN, DURING CONSTRUCTION TO CONTROL AND PREVENT EROSION AND TRANSPORT OF SEDIMENT TO SURFACE DRAINS, SURFACE WATER OR OFFSITE.
  - EROSION CONTROL MEASURES WILL BE IN ACCORDANCE WITH TENNESSEE SEDIMENT AND EROSION CONTROL BEST MANAGEMENT PRACTICES, THE TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR DISCHARGE OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES FROM SMALL SITES (LESS THAN 5 ACRES), AND THE CONTRACTOR'S STORM WATER POLLUTION PREVENTION PLAN.
  - ALL EROSION CONTROL AND SEDIMENTATION CONTROL DEVICES SHALL BE CONSTRUCTED SIMULTANEOUSLY WITH THE DISTURBANCE OF THE LAND AND SHALL REMAIN FUNCTIONAL UNTIL THE CONTRIBUTING DISTURBED AREAS ARE STABILIZED.
  - SILT BARRIERS SHALL BE INSTALLED PER DETAILS AND INSTALLED AS NECESSARY TO PREVENT EXCESSIVE SEDIMENTATION DEPOSITS DOWNSTREAM AND WITHIN DRAINAGE SYSTEM.
  - ALL DISTURBED AREAS THAT WILL NOT BE FURTHER DEVELOPED MUST BE GRASSED IMMEDIATELY TO REDUCE SOIL EROSION.
  - ALL SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND AFTER ANY STORM EVENT GREATER THAN 0.5 INCHES OF PRECIPITATION DURING ANY 24 HOUR PERIOD. ALL SEDIMENT CONTROL FEATURES SHALL BE MAINTAINED UNTIL FINAL STABILIZATION HAS BEEN OBTAINED.
  - STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED UNLESS ACTIVITY IN THAT PORTION OF THE SITE WILL RESUME WITHIN 21 DAYS.
  - CONTRACTOR TO PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION.
  - ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
  - THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE TRACKING OF MUD ONTO PAVED ROADWAY FROM CONSTRUCTION AREAS. THE CONTRACTOR SHALL REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.

TN ESC HANDBOOK: 7.28 CONSTRUCTION EXIT



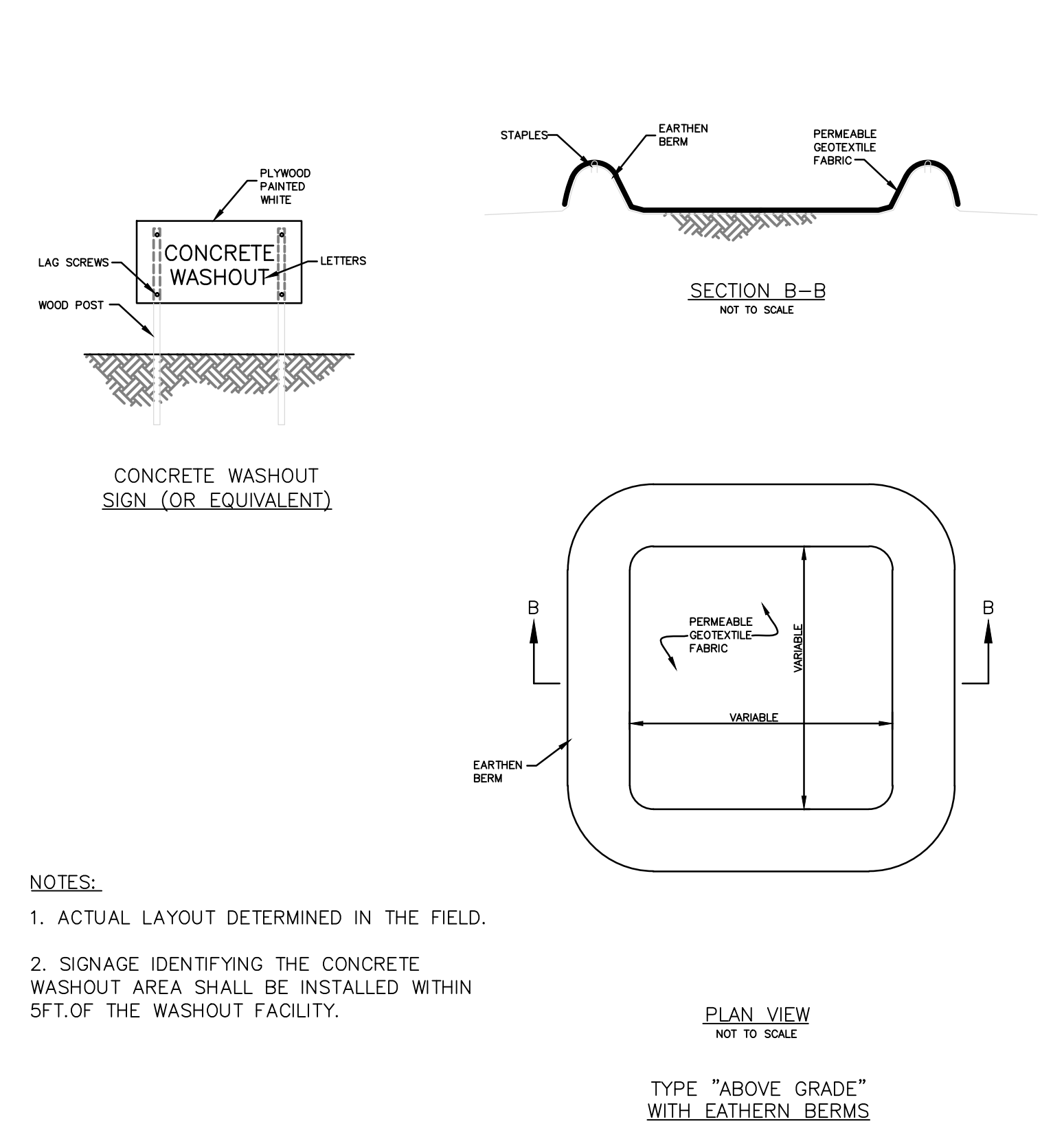
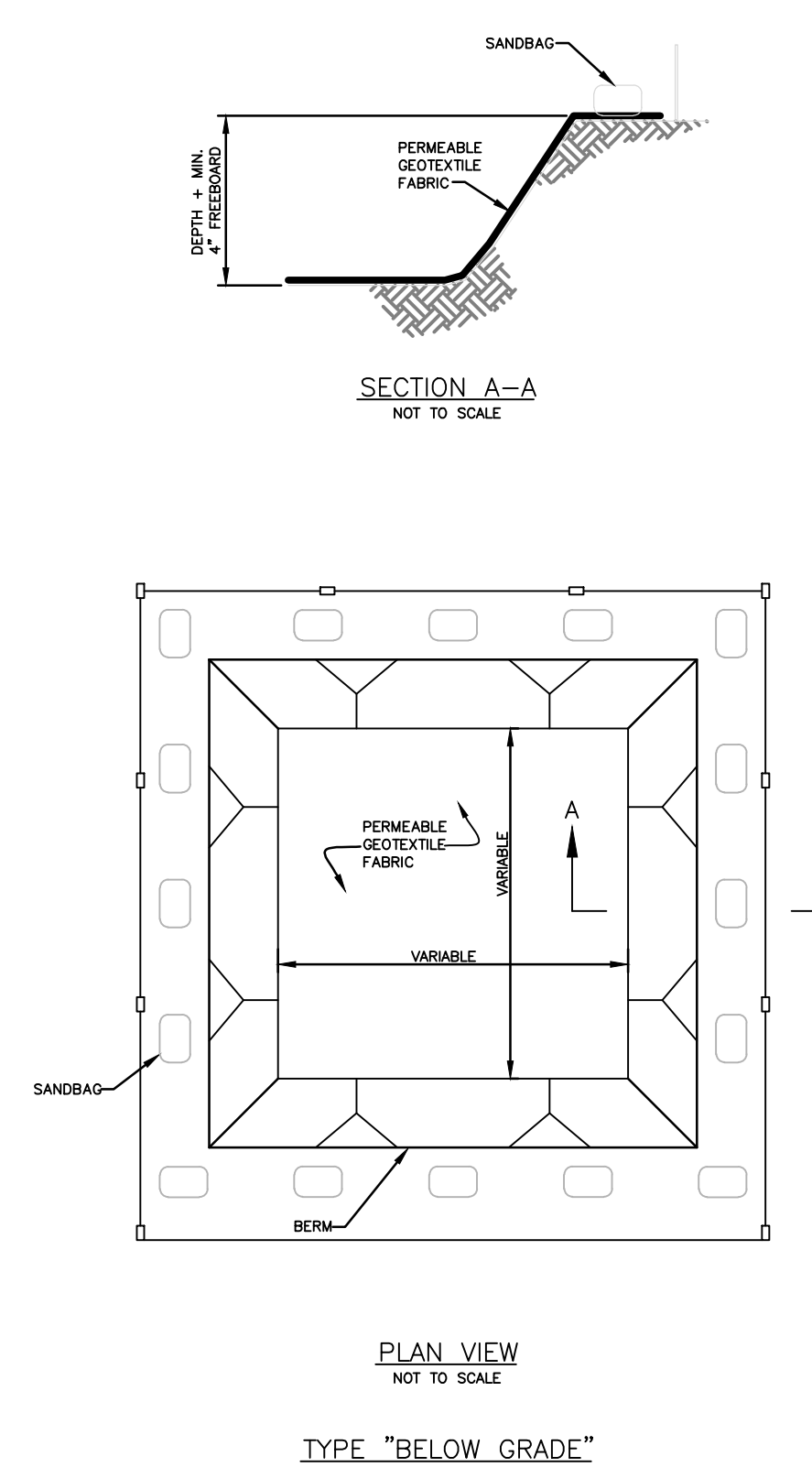
PLAN VIEW OF TEMPORARY CONSTRUCTION ROAD



SECTION A-A

TN ESC HANDBOOK: 7.16 CONCRETE WASHOUT

\*LOCATION DETERMINED IN THE FIELD



- NOTES:
- ACTUAL LAYOUT DETERMINED IN THE FIELD.
  - SIGNAGE IDENTIFYING THE CONCRETE WASHOUT AREA SHALL BE INSTALLED WITHIN 5FT OF THE WASHOUT FACILITY.

NOTE: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTROL EROSION AND SEDIMENT TRANSPORT FROM THE JOB SITE.

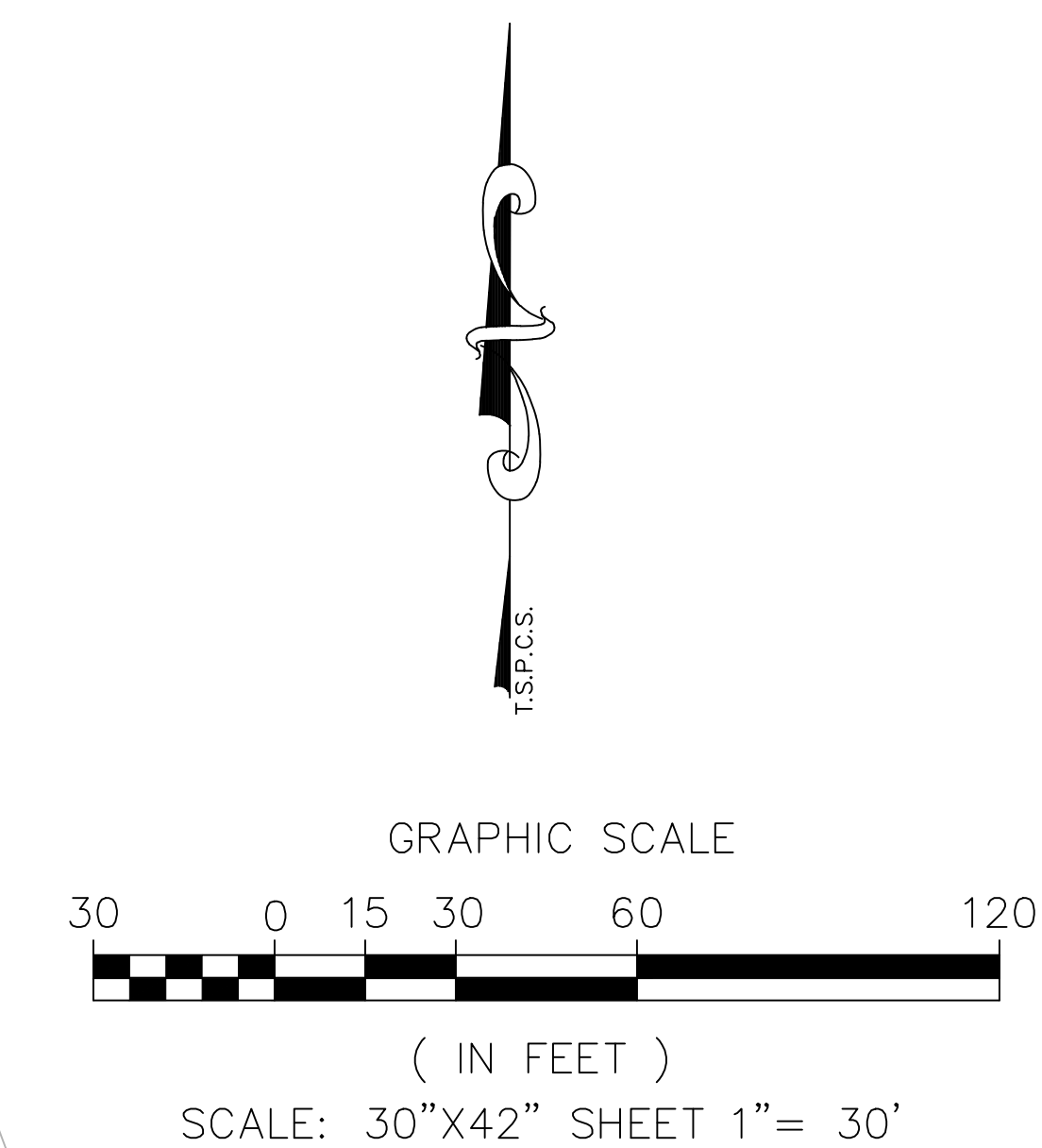
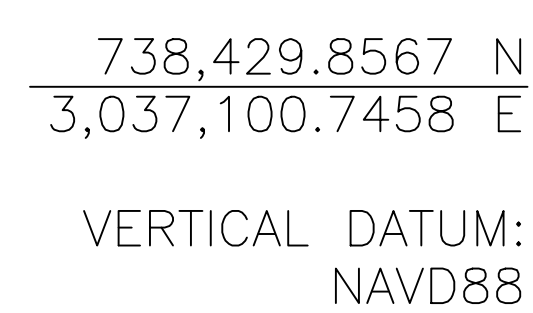
THE TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION, DIVISION OF WATER RESOURCES, MAINTAINS CONSTRUCTION PERMIT CONTROL OVER CONSTRUCTION ACTIVITIES GREATER THAN 1 ACRE. THE REQUIREMENTS INCLUDE SUBMITTAL OF A NOTICE OF INTENT, PAYMENT OF PERMIT FEE, PREPARATION OF A STORM WATER POLLUTION PREVENTION PLAN AND TWICE-WEEKLY INSPECTIONS. <http://tennessee.gov/environment/permits/conststrm.shtml>

THE TENNESSEE EROSION PREVENTION AND SEDIMENT CONTROL TRAINING PROGRAM FOR CONSTRUCTION SITES OFFERS ADDITIONAL RESOURCES FOR CONTRACTORS. <http://tnepsc.org/indexNew.asp>

FINAL CONSTRUCTION DRAWINGS  
APPROVED FOR CONSTRUCTION

Project information and approvals section including: ARCHITECT/ENGINEERS (AKEA INC.), CONSULTANTS (WALKER PARKING CONSULTANTS, FRANK DAUCHTRY architect), Approved (Asst. Chief, Engineering Service), Drawing Title (SEDIMENT AND EROSION CONTROL PLAN DETAILS), Project Title (CONSTRUCT 525 SPACE PARKING GARAGE), Date (MARCH 26, 2015), Project No. (621-330), Drawing No. (C140), and Revisions table.





CONSTRUCTION  
FENCE  
BOUNDARY

BOREHOLE #	NORTHING	EASTING	ELEVATION
BENCHMARK	738,429.8567	3,037,100.7458	1677.53
B-1	738,193.0567	3,037,106.3157	1670.73
B-2	738,175.3746	3,037,360.5205	1658.82
B-3	738,197.6647	3,037,220.0600	1666.42
B-4	738,269.9106	3,037,119.0865	1672.43
B-5	738,272.2430	3,037,268.3084	1663.29
B-6	738,230.7730	3,037,398.9568	1656.75
B-7	738,360.2499	3,037,391.4905	1658.69
B-8	738,365.4063	3,037,135.7827	1673.51
B-9	738,355.1655	3,037,294.2766	1662.21

NOTE:  
THE SHEET INDICATES THE LOCATION OF  
GEOTECHNICAL INVESTIGATION BORINGS COMPLETED  
FOR THIS PROJECT AND DOCUMENTED IN THE "FINAL  
REPORT OF GEOTECHNICAL EXPLORATION, NEW  
PARKING GARAGE, VA MOUNTAIN HOME," PREPARED  
BY S&ME, INC. (08/20/2014). THIS FINAL REPORT IS  
INCORPORATED BY REFERENCE AND IS A PART OF  
THE CONTRACT DOCUMENTS.

FINAL CONSTRUCTION DRAWINGS  
APPROVED FOR CONSTRUCTION

[illegible]



PROJECT SITE  
BENCHMARK

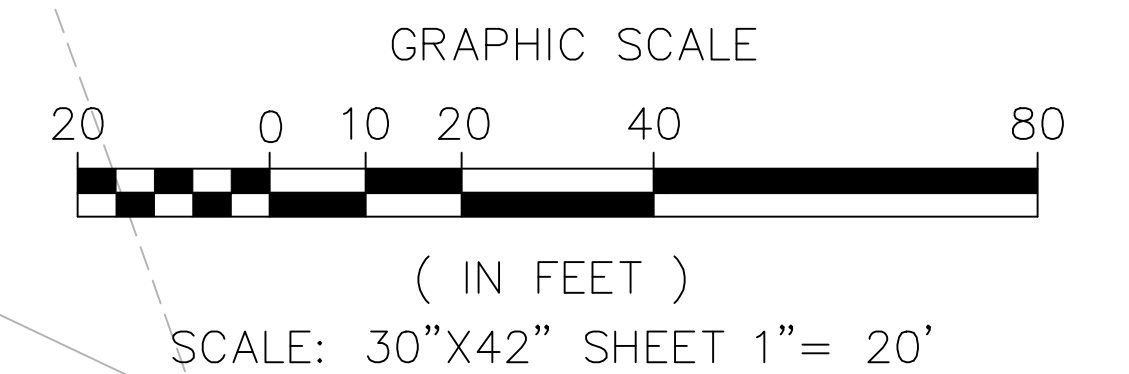
738,429.8567 N  
3,037,100.7458 E

VERTICAL DATUM:  
NAVD88

PROJECT BENCHMARK  
DISK IN CONCRETE BASE  
OF LIGHT POLE  
ELEVATION: 1677.53

TYPICAL OF 5 LOCATIONS. TREES  
SHOWN TO BE REMOVED SHALL BE  
COORDINATED WITH THE VAMC  
COR AND ENVIRONMENTAL.  
VAMC MAY SALVAGE TREES AT THE  
DISCRETION OF THE COR.

PROTECT ALL TREES ALONG  
ALL SITE BOUNDARIES IF POSSIBLE.  
TREES IDENTIFIED TO BE REMOVED  
WILL BE MARKED IN THE FIELD  
AND CONFIRMED WITH THE COR  
PRIOR TO REMOVAL  
(TYPICAL ALL TREES)



Dwg. File	ARCHITECT/ENGINEERS:	MICHAEL D. TOOLE, PE Florida Reg. 67818	CONSULTANTS:	Approved:	Drawing Title	Project Title	Date
	<b>AKEA INC.</b>	3603 NW 98TH ST., SUITE B GAINESVILLE, FLORIDA 32606 PH: (352) 474-6124 FAX: (352) 474-6324 CERT OF AUTH: FL #26693 EXPIRES: 02/28/2017	<b>WALKER</b> PARKING CONSULTANTS 4904 Eisenhower Blvd Suite 150 Tampa, FL 33634 813.888.5800 Ph 813.888.5825 Fax BE-0003840 www.walkerparking.com	Asst. Chief, Engineering Service Engineering Bldg. Maint. Foreman Engineering Operation Foreman Engineering Health & Safety Engineering Planning & Analysis C.O.T.R.	<b>DEMOLITION PLAN</b>	<b>CONSTRUCT 525 SPACE PARKING GARAGE</b> CONTRACT No. VA249-14-C-0150 Building Number <b>160</b> Checked SSH Drawn MDT Location VAMC MOUNTAIN HOME, TENNESSEE	MARCH 26, 2015 Project No. 621-330 DRAWING NO. <b>C200</b> Page 17 of 131
Revisions	Date	AKA, INC.	SEAL		Approved: Chief, Engineering Service Approved: Service Chief		

VA FORM 08-6231, DEC 1989

DEMOLISH ALL ASPHALT, CONCRETE,  
STORM WATER AND LIGHTING  
WITHIN HATCHING LIMITS.  
ALL LIGHT POLES SHALL BE SALVAGED  
AND TURNED OVER TO THE VAMC  
SEE PRIORITY STORM WATER  
CONSTRUCTION AND DEMOLITION  
SHEET C220

CHILL WATER (CWR) UTILITY CONFLICT.  
THE EXACT PATH OF CWR MUST BE FIELD  
LOCATED BY EXCAVATION. UTILITY SHALL  
BE RELOCATED OUTSIDE FOOTPRINT.

NOTE:  
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FINAL CONSTRUCTION DRAWINGS  
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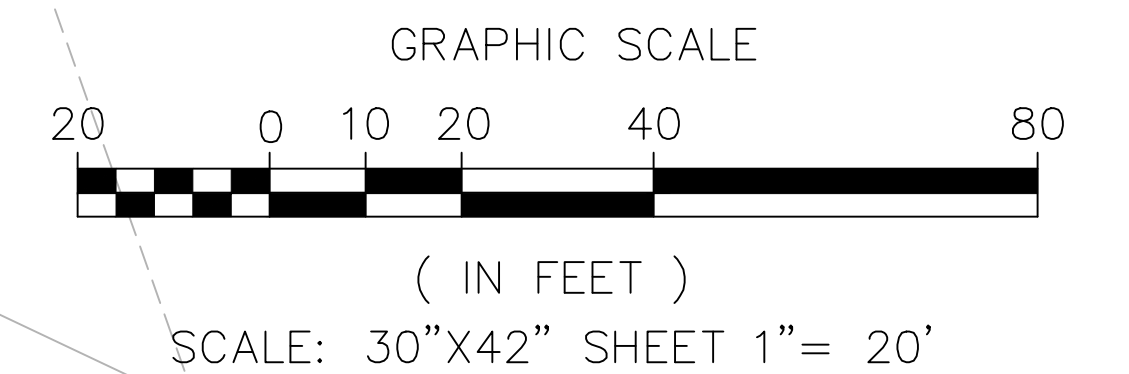
PROJECT SITE  
BENCHMARK

738,429.8567 N  
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NAVD88

PROJECT BENCHMARK  
DISK IN CONCRETE BASE  
OF LIGHT POLE  
ELEVATION: 1677.53

NAL HOME FOR DISABLED SOLDIERS  
VAP 54B, GROUP B, PARCEL 47.00



CORNER	NORTHING	EASTING
BENCHMARK	738,429.8567	3,037,100.7458
MAIN GARAGE		
P1	738,284.2153	3,037,244.3253
P2	738,300.8025	3,037,075.6388
P3	738,187.0621	3,037,064.4264
P4	738,185.8522	3,037,076.7002
P5	738,173.5783	3,037,075.4903
P6	738,142.7737	3,037,387.9756
P7	738,155.0475	3,037,389.1855
P8	738,153.8376	3,037,401.4594
P9	738,267.6194	3,037,412.6759
OVERHANG		
P1	738,284.2153	3,037,244.3253
P10	738,345.9162	3,037,250.4078
P11	738,329.3203	3,037,418.7584
P9	738,267.6194	3,037,412.6759

NOTE:  
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FINAL CONSTRUCTION DRAWINGS  
APPROVED FOR CONSTRUCTION

Dwg. File	ARCHITECT/ENGINEERS:	MICHAEL D. TOOTLE, PE Florida Reg. 67818	CONSULTANTS:	Approved:	Drawing Title	Project Title	Date
	<b>AKEA INC.</b>	3603 NW 98TH ST., SUITE B GAINESVILLE, FLORIDA 32606 PH: (352) 474-6124 FAX: (352) 474-6324 CERT OF AUTH: FL #26693 EXPIRES: 02/28/2017	<b>WALKER</b> PARKING CONSULTANTS 4904 Eisenhower Blvd Suite 150 Tampa, FL 33634 813.888.5800 Ph 813.888.5822 Fax BE-0003840 www.walkerparking.com	Asst. Chief, Engineering Service Engineering Bldg. Maint. Foreman Engineering Operation Foreman Engineering Health & Safety Engineering Planning & Analysis C.O.T.R.	CIVIL LAYOUT PLAN	CONSTRUCT 525 SPACE PARKING GARAGE CONTRACT No. VA249-14-C-0150 P.O. No. 621C40254	MARCH 26, 2015
Revisions		SEAL	FRANK DAUCHTRY architect 200 E. Government Street Suite 240-A Pensacola, FL 32502 Voice 850-433-3023 Fax 850-433-3025 Email frank@frankda.com		Approved: Chief, Engineering Service Approved: Service Chief	Building Number 160 Checked SSH Drawn MDT Location VAMC MOUNTAIN HOME, TENNESSEE	Project No. 621-330 DRAWING NO. <b>C210</b> Page 18 of 131



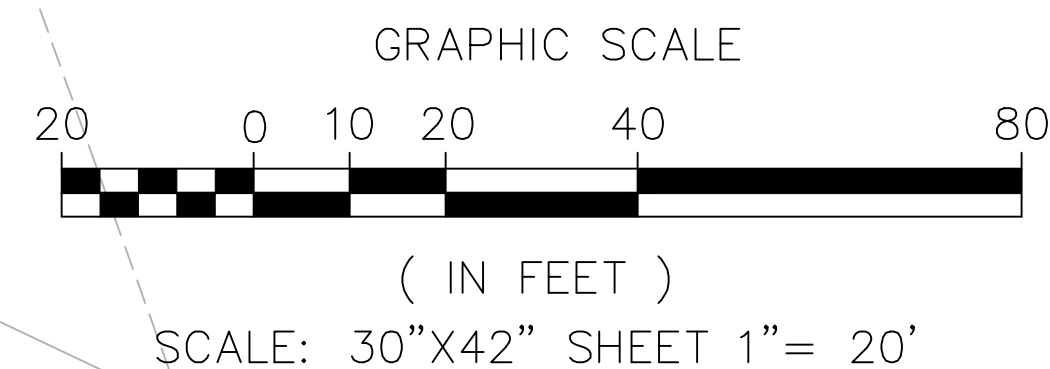
PROJECT SITE  
BENCHMARK

738,429.8567 N  
3,037,100.7458 E

VERTICAL DATUM:  
NAVD88

PROJECT BENCHMARK  
DISK IN CONCRETE BASE  
OF LIGHT POLE  
ELEVATION: 1677.53

NAL HOME FOR DISABLED SOLDIERS  
MAP 54B, GROUP B, PARCEL 47.00



- LEGEND
- MH-A NEW MANHOLE
  - CB-A NEW CATCH BASIN
  - ▨ GRATE INLET

STRUCTURE		NORTHING	EASTING
BENCHMARK		738,429.8567	3,037,100.7458
NEW SW STRUCTURES - PIPE ROUTE NO. 1			
AD18	existing	738,334.5391	3,037,263.3054
CB-A	new	738,298.4375	3,037,261.5709
MH-A	new	738,290.8648	3,037,233.4785
midpoint	GB crossing	738,222.3308	3,037,226.7423
MH-B	new	738,149.8528	3,037,220.1207
CB-B	new	738,146.1677	3,037,255.8156
CB-C	new	738,299.9230	3,037,149.8385
CB-D	new	738,136.9522	3,037,357.0632
CB-E	new	738,118.8451	3,037,307.0902
MH-4	existing	738,100.4645	3,037,253.8743
NEW SW STRUCTURES - PIPE ROUTE NO. 2			
CI16	existing	738,253.6638	3,037,027.3597
CB-F	new	738,229.1178	3,037,057.1924
CB-G	new	738,165.9100	3,037,051.0741
CB-H	new	738,159.8412	3,037,108.8259
MH-C	new	738,156.7645	3,037,143.2105
MH-5	existing	738,068.7963	3,037,250.0557

ID	DESCRIPTION	GRATE ELEV.	INVERT #1	INVERT #2	INVERT OUT
PIPE ROUTE NO. 1					
AD18	EXISTING	1663.63	1659.38 (S) (12")	1652.60 (N) (36")	1652.58 (S) (36")
CB-A	NEW GRATE INLET	1663.75	1652.27 (N) (36")	----	1652.27 (SW) (42")
MH-A	NEW MANHOLE	1666.20	1605.08 (NE) (42")	1662.20 (W) (12")	1652.08 (S) (42")
MH-B	NEW MANHOLE	1665.00	1651.17 (N) (42")	----	1651.17 (E) (42")
CB-B	NEW GRATE INLET	1663.25	1650.94 (W) (42")	----	1650.94 (S) (36")
MH-4	EXISTING	1662.45	1650.55 (N) (36")	1650.55 (NE) (24")	1650.55 (S) (24")
CB-C	NEW GRATE INLET	1671.25	----	1663.80 (E) (12")	----
CB-D	NEW GRATE INLET	1659.25	----	----	1652.00 (SW) (24")
CB-E	NEW GRATE INLET	1660.75	1651.29 (NE) (24")	----	1651.29 (SW) (24")
PIPE ROUTE NO. 2					
CI16	EXISTING	1672.80	1667.62 (NW)	----	1667.58 (SE)
CB-F	NEW AREA DRAIN	1672.50	1665.00 (NW)	----	1665.00 (S)
CB-G	NEW AREA DRAIN	1665.50	1661.35 (N)	----	1661.35 (E)
CB-H	NEW AREA DRAIN	1668.50	1660.47 (W)	----	1660.47 (E)
MH-C	NEW MANHOLE	1667.75	1659.93 (W)	----	1659.93 (W)
MH-5	EXISTING	1660.93	1652.93 (NW)	1652.73 (N)	1652.68 (SE)

\*STRUCTURE MH-C MUST BE FIELD MEASURED TO TIE IN 12" RCP FROM STRUCTURE CI15

NOTE:  
ALL REINFORCED CONCRETE PIPE (RCP)  
SHALL BE CLASS V.

NOTE:  
DURING THE ENTIRE COURSE OF CONSTRUCTION, THE  
INTEGRITY OF THE STORM WATER SYSTEM MUST BE  
MAINTAINED TO ALLOW STORM WATER FROM  
UPGRADIENT TO PASS THROUGH THE PROJECT SITE.

FINAL CONSTRUCTION DRAWINGS  
APPROVED FOR CONSTRUCTION

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