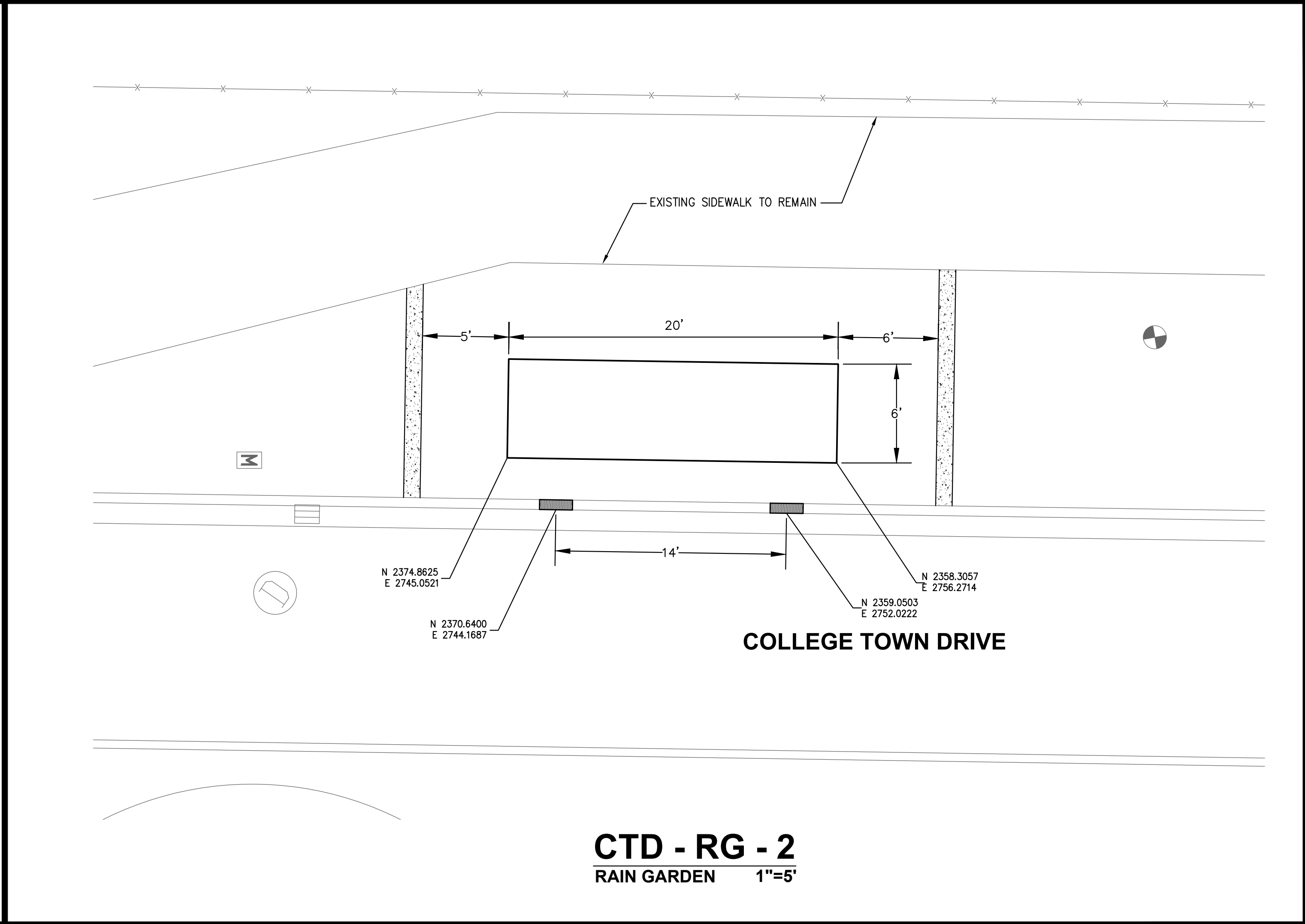
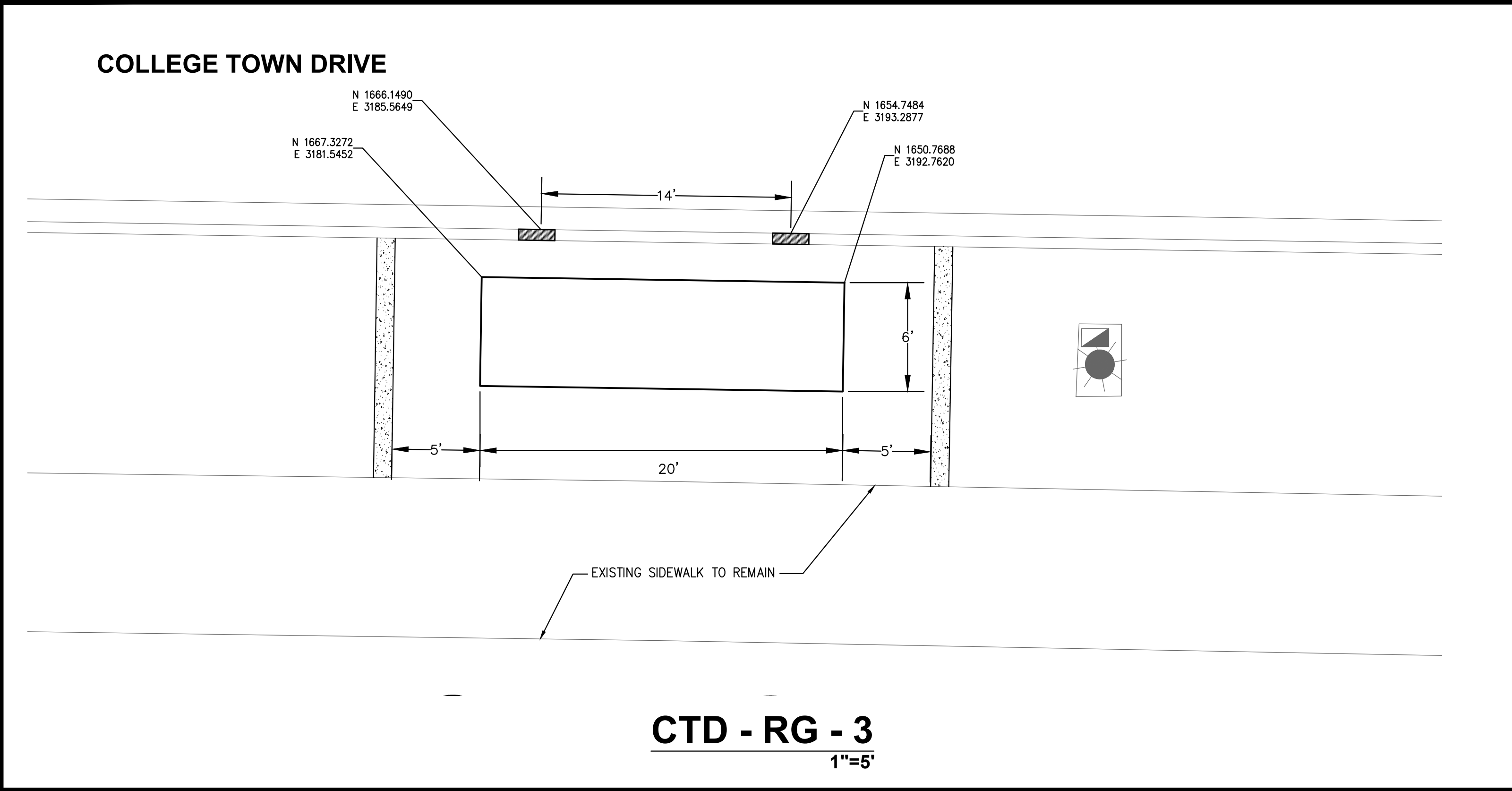


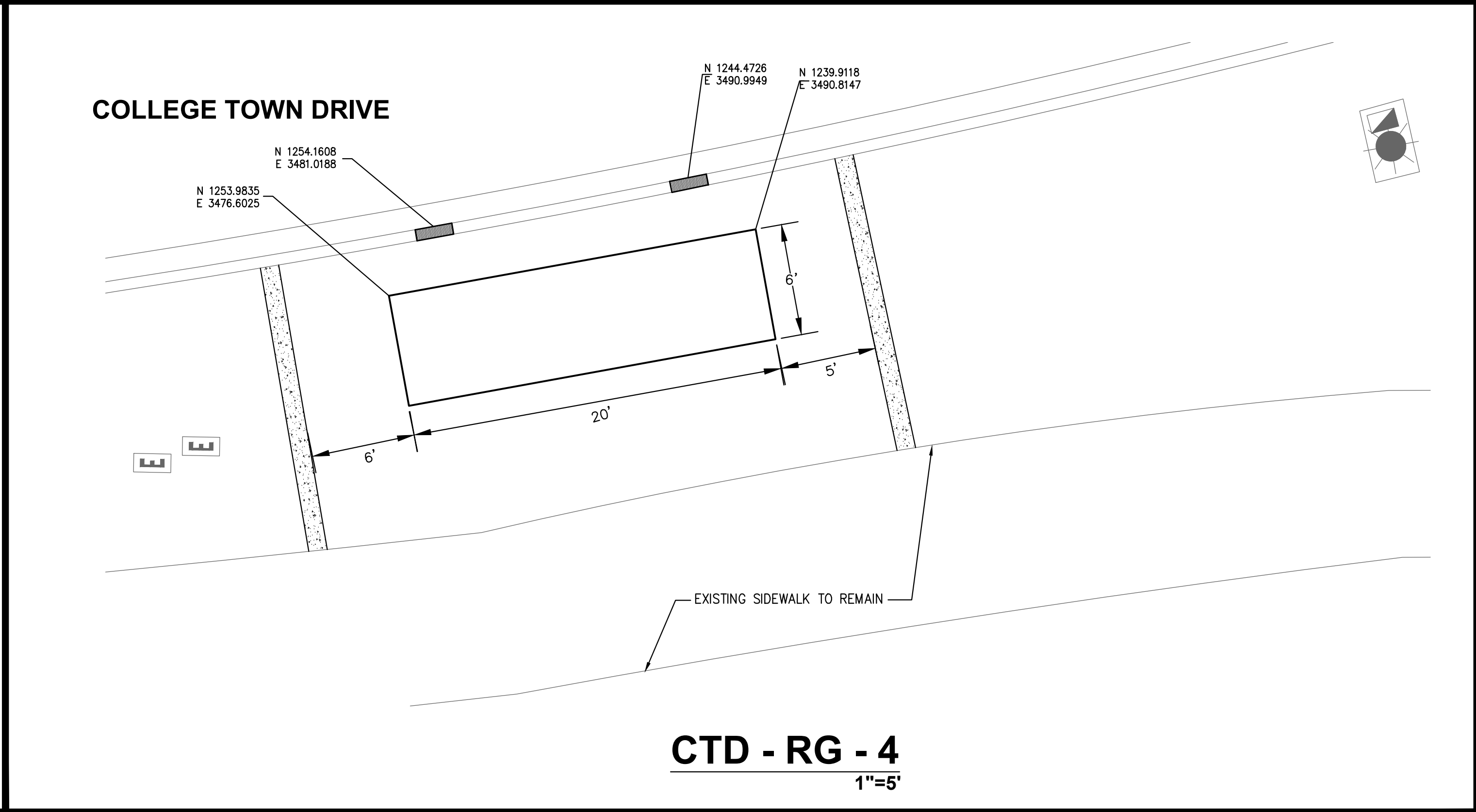
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RAIN GARDEN 1"=5'



**CTD - RG - 2**  
RAIN GARDEN 1"=5'



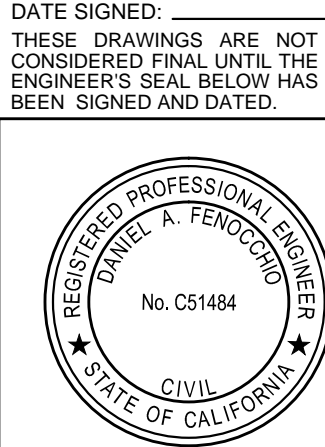
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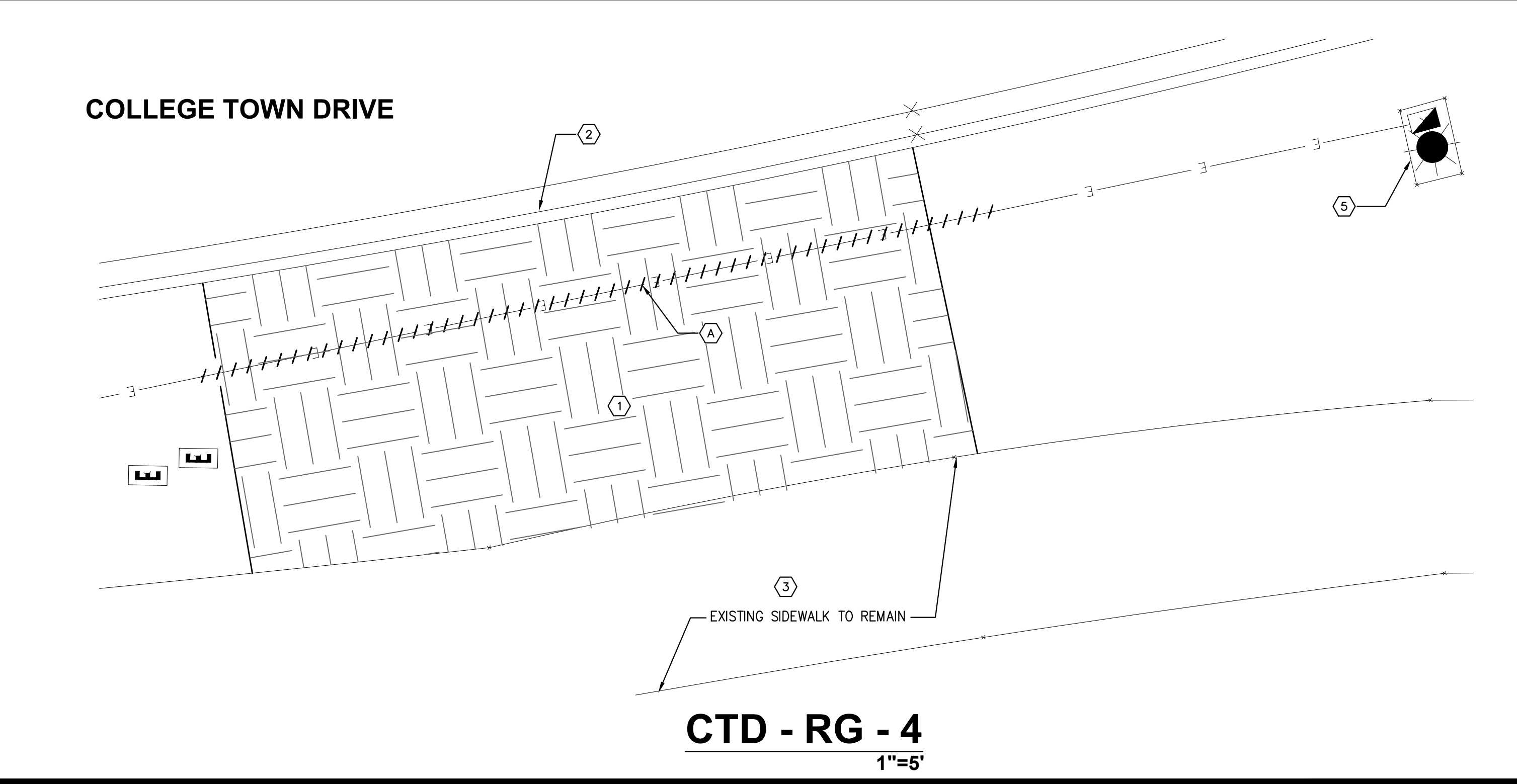
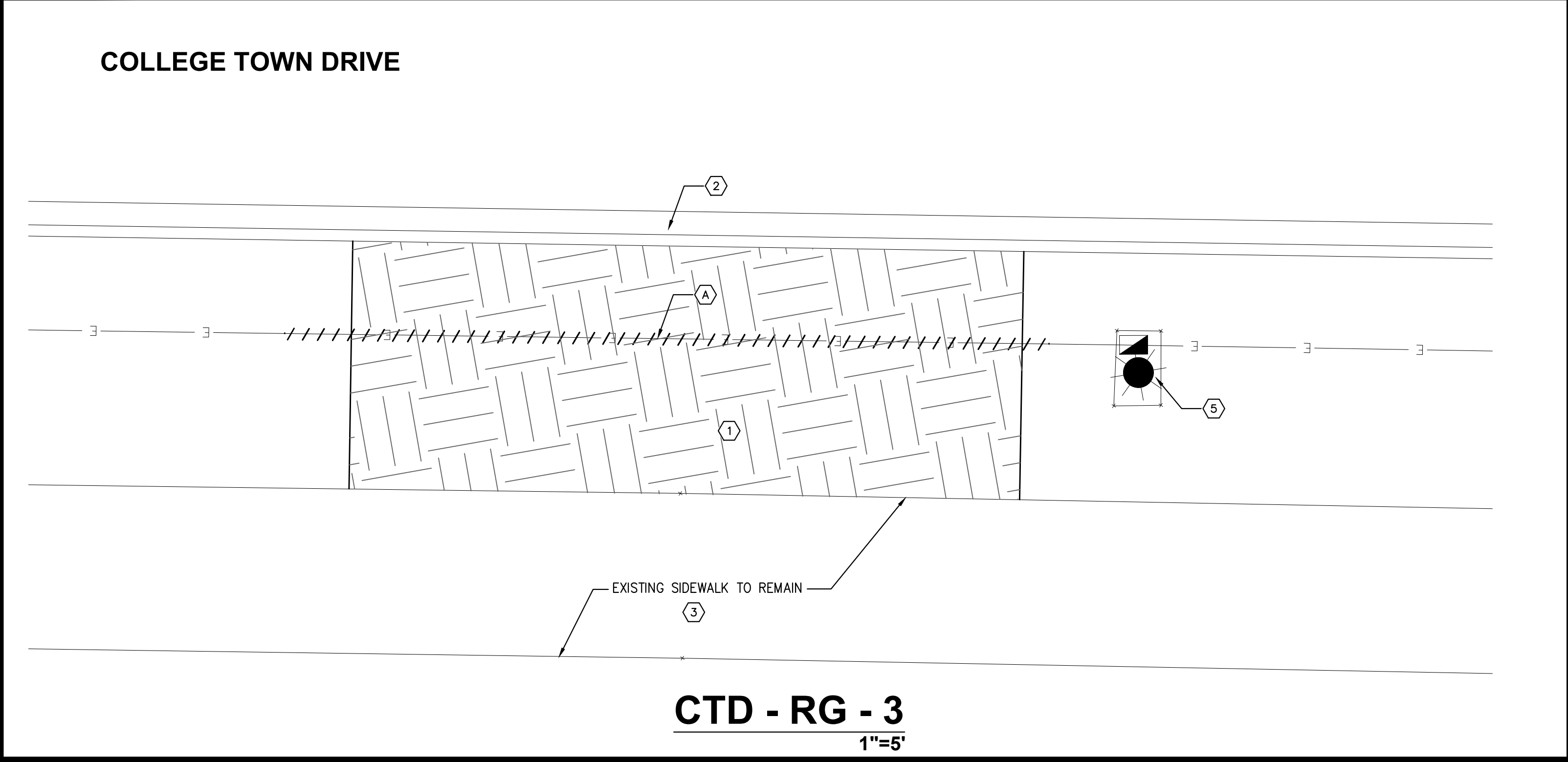
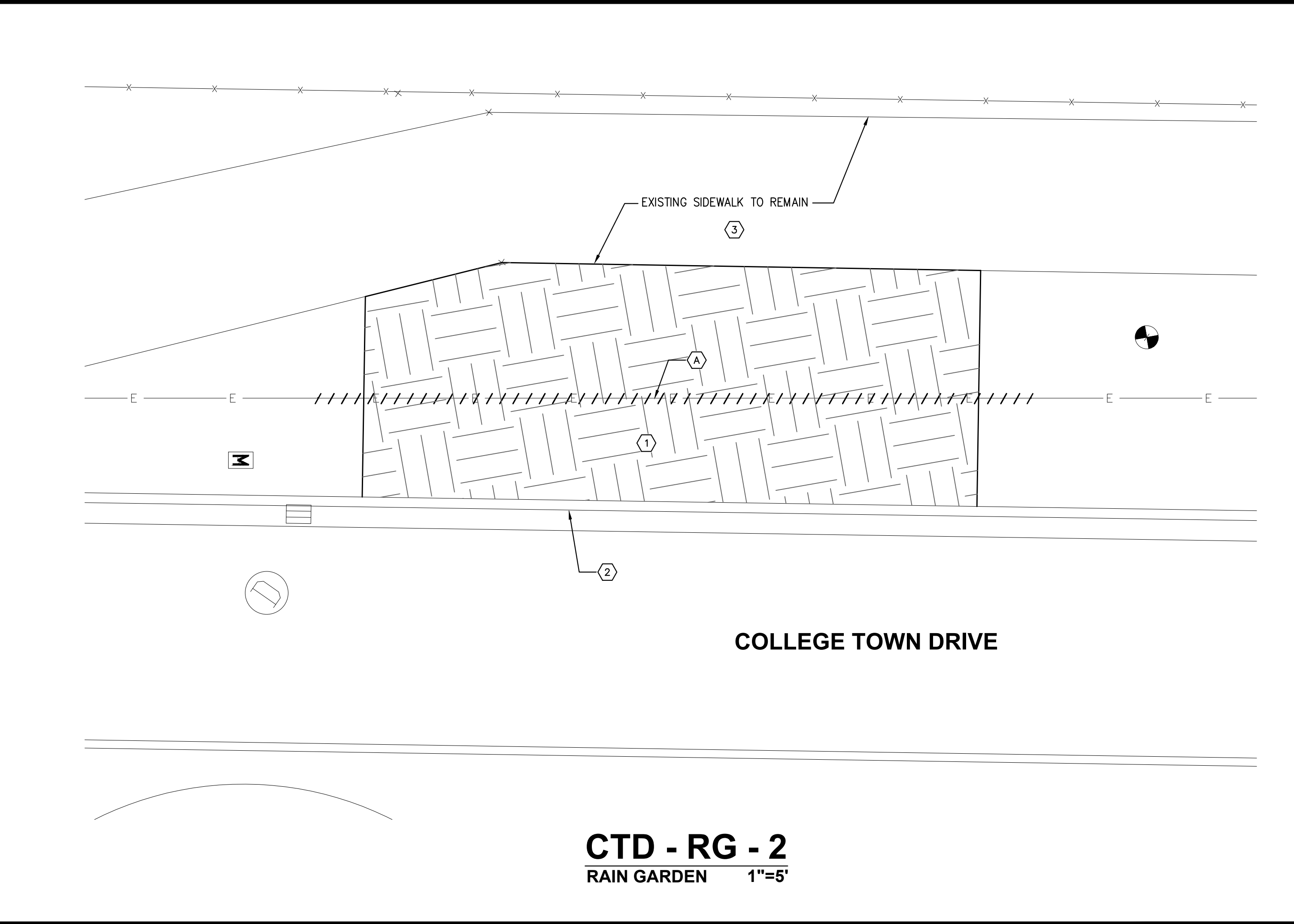
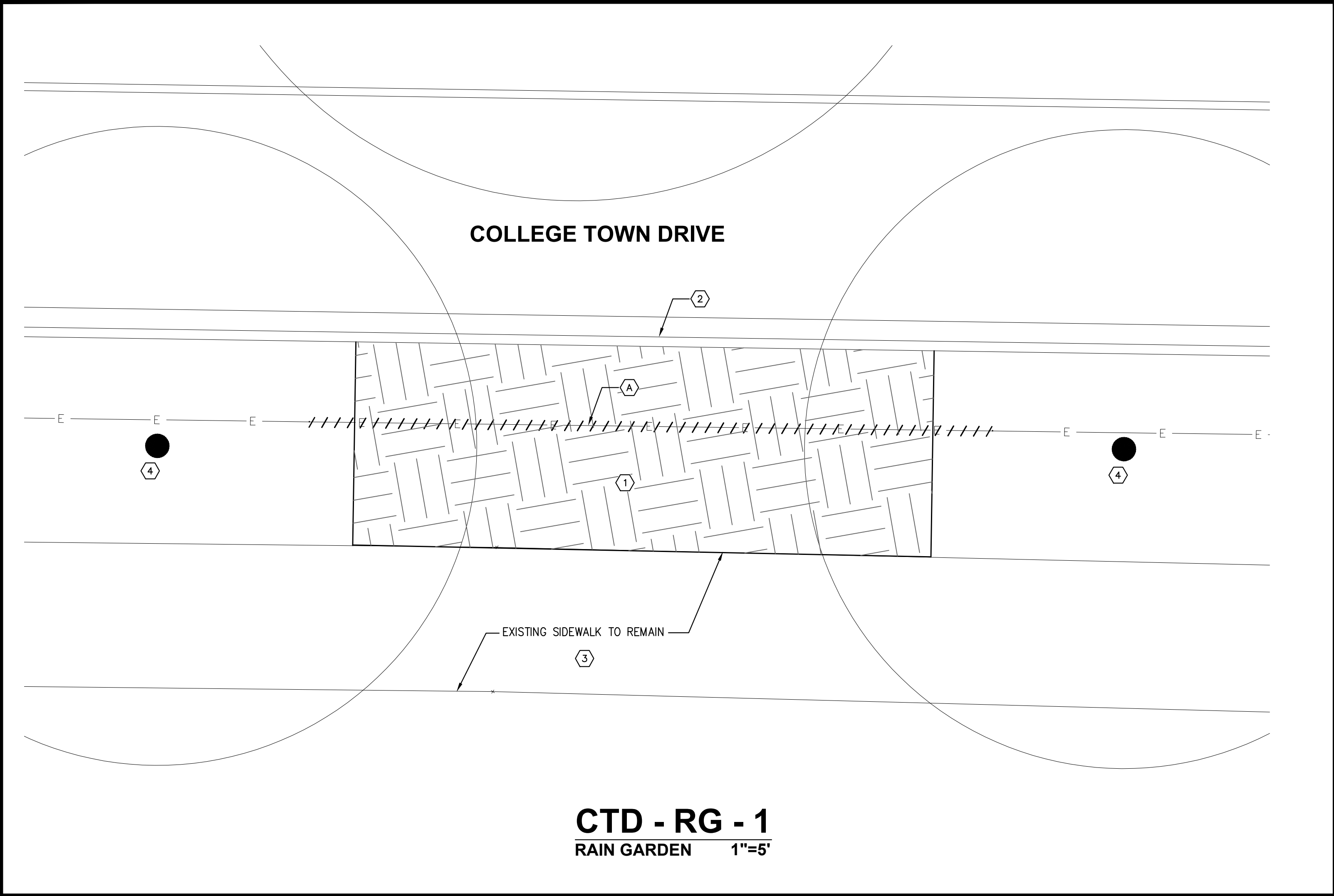
**CTD - RG - 4**  
RAIN GARDEN 1"=5'

**NOTES**

1. REFER TO SHEET CTD-C1 SITE PLAN FOR SITE CONTROL.



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Sacramento, CA 95818				
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CONSTRUCTION DOCUMENTS				
CSUS LID STORMWATER SYSTEM				
COLLEGE TOWN DRIVE				
HORIZONTAL CONTROL PLAN				
S:\Projects\1400\1432 CSUS - LID Storm Water System\AutoCAD\1432-01-Civil_C03 SHEETS\CTD - C2 - CTRL.dwg - CTD 4/14/2015 - 8:57AM Plotted by: charles				
SHEET				
CTD-C2				
OF				
6				
DATE: 4/24/2015				
JOB NO: 1432.01				



**KEYNOTES:**

- 1. REMOVE EXISTING VEGETATION AND ADJUST EXISTING IRRIGATION SYSTEM. REFER TO LANDSCAPE PLANS IRRIGATION IMPROVEMENTS.
- 2. EXISTING CURB AND GUTTER TO REMAIN.
- 3. EXISTING SIDEWALK TO REMAIN.
- 4. EXISTING TREE TO REMAIN. REFER TO SHEET T-3 FOR TREE PROTECTION REQUIREMENTS.
- 5. EXISTING LIGHT TO REMAIN. CONTRACTOR SHALL PROTECT DURING CONSTRUCTION.

**ADD-ALTERNATIVE:**

- A. APPROXIMATE LOCATION OF EXISTING STREET LIGHT CONDUIT AND CONDUCTORS. CONTRACTOR SHALL VERIFY LOCATION IN THE FILED PRIOR TO CONSTRUCTION. IF FOUND TO BE IN CONFLICT WITH PROPOSED IMPROVEMENTS, REMOVE EXISTING STREET LIGHT CONDUIT AND CONDUCTORS TO LIMITS SHOWN. SEE STREET LIGHT IMPROVEMENTS ON SHEET CTD-C4.

**NOTES:**

- INTENT OF DEMOLITION PLAN IS TO PROVIDE GENERAL SITE DEMOLITION REQUIREMENTS TO CONTRACTOR. PLAN IS NOT INTENDED TO PROVIDE DETAILED INFORMATION ON SITE REMOVAL, PROTECTION AND PHASING. CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING SITE VISITS TO DEVELOP A DETAILED DEMOLITION PLAN IN ACCORDANCE WITH THE PROPOSED SITE IMPROVEMENTS.
- SITE DEMOLITION INCLUDES:
  - REMOVE EXISTING LANDSCAPE AREA.
  - REMOVE/ADJUST EXISTING ABOVE GROUND AND UNDERGROUND IRRIGATION FACILITIES. COORDINATE EXTENT OF IMPROVEMENTS WITH LANDSCAPE PLANS
- CONTRACTOR SHALL DISPOSE OF ALL MATERIALS PROPERLY OFFSITE.
- LIMITS OF REMOVAL SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR SHALL MODIFY LIMITS OF DEMOLITION AS NECESSARY TO PROVIDE FOR NEW CONSTRUCTION, BASED ON CONTRACTOR'S METHOD OF CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL FLAGGING FOR VEHICULAR INGRESS/EGRESS.
- PROJECT VEHICULAR AND PEDESTRIAN ACCESS PLAN SHALL BE PREPARED BY CONTRACTOR.
- THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UTILITIES SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZE, LOCATION AND DEPTH OF SUCH UNDERGROUND FACILITIES. HOWEVER, THE ENGINEER CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND FACILITIES NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS WHICH ARE NOT SHOWN ON THESE PLANS. IF NO ELEVATION IS SHOWN ON THE PLANS THE CONTRACTOR SHALL ASSUME THE ELEVATION IS UNKNOWN.
- CONTRACTOR SHALL VERIFY LIMITS OF REMOVAL WITH LANDSCAPE PLANS.

0 5 10 15  
SCALE IN FEET

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REGISTERED PROFESSIONAL ENGINEER  
DANIEL A. FERDINAND  
No. C51484  
CIVIL  
STATE OF CALIFORNIA

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■ Davis Office  
2120 20th Street Suite 200  
Davis, CA 95618  
(530) 758-2026

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(916) 455-2026

CONSTRUCTION DOCUMENTS  
CSUS LID STORMWATER SYSTEM  
COLLEGE TOWN DRIVE  
DEMOLITION PLAN

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SHEET  
**CTD-C3**  
OF  
**6**

DATE: 4/24/2015

JOB NO: 1432.01

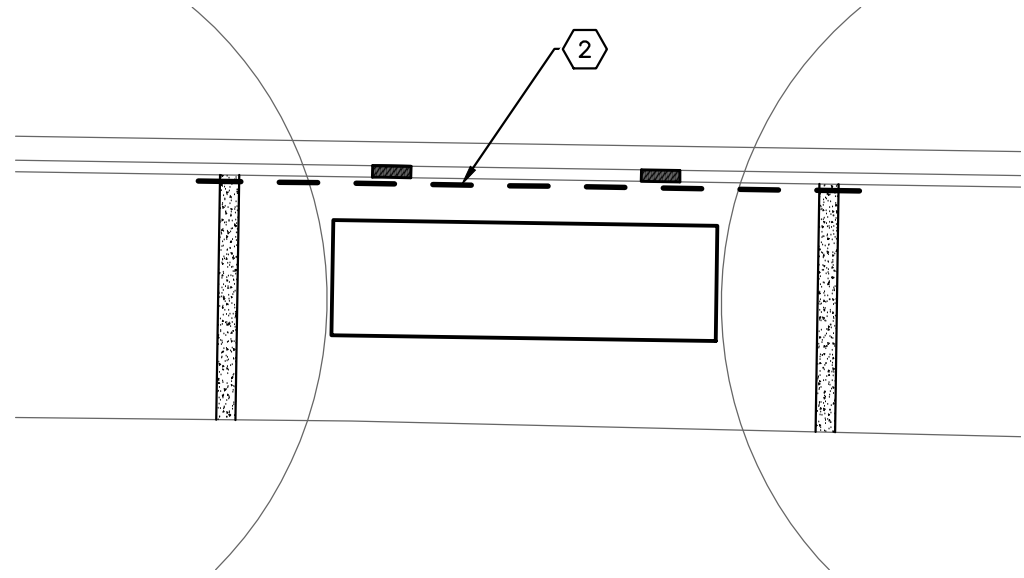
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CHECKED BY: DF

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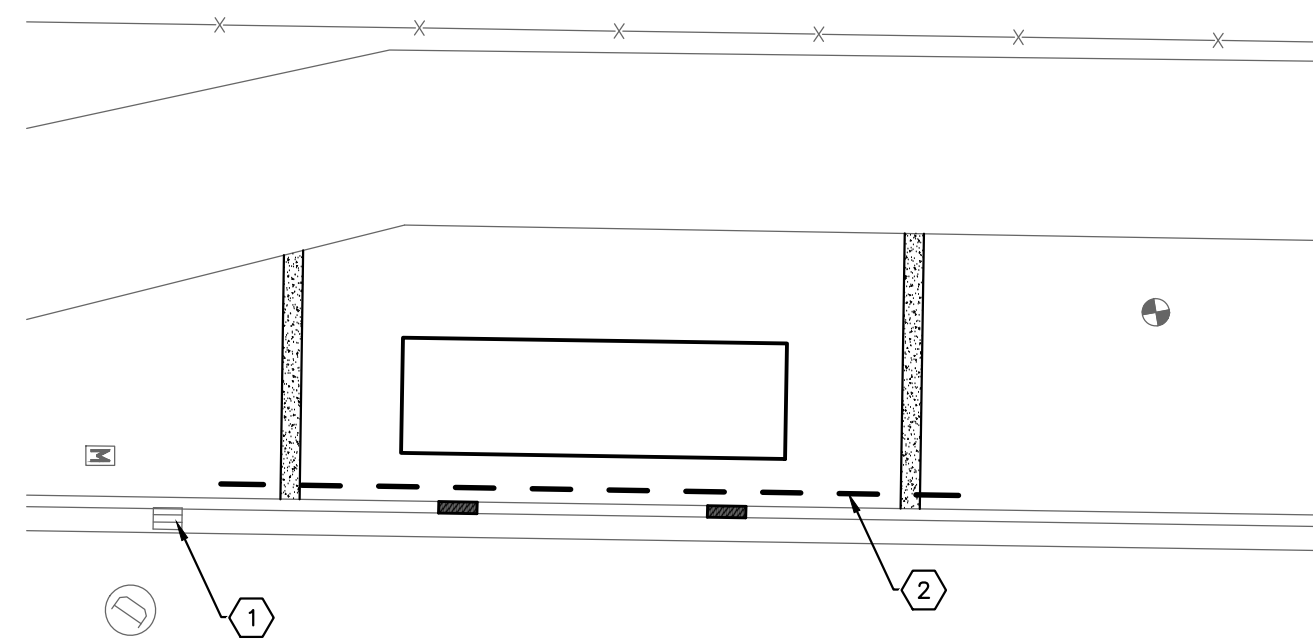




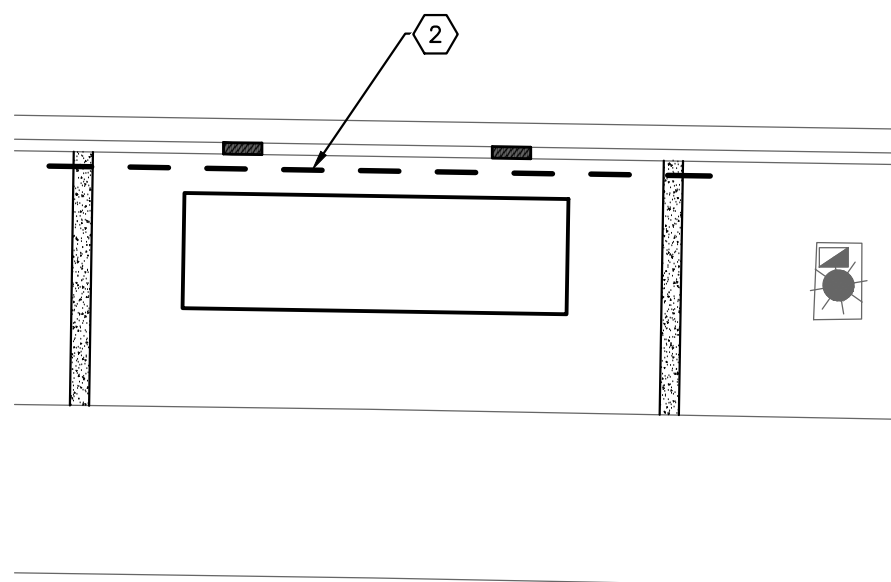
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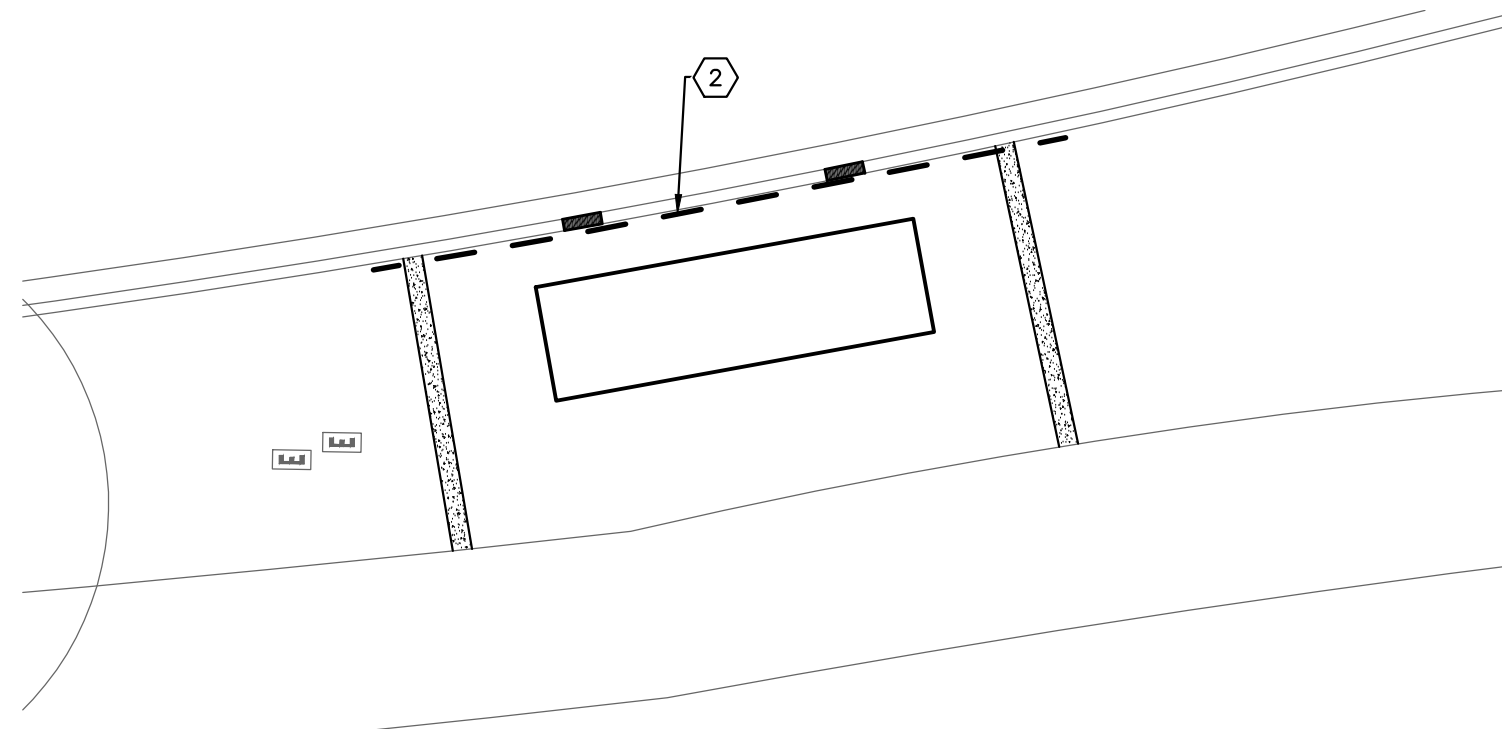
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RAIN GARDEN 1"=10'



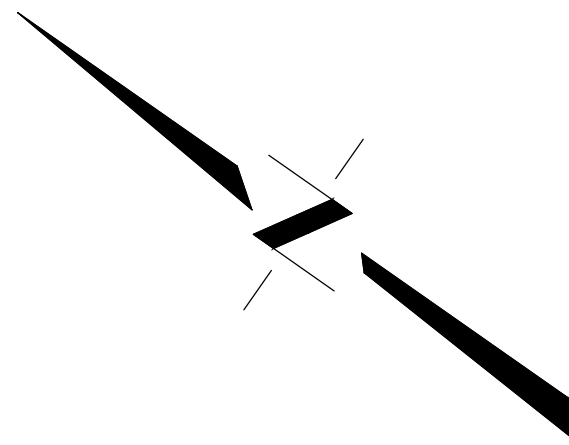
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RAIN GARDEN 1"=10'



**CTD - RG - 3**  
1"=10'



**CTD - RG - 4**  
1"=10'

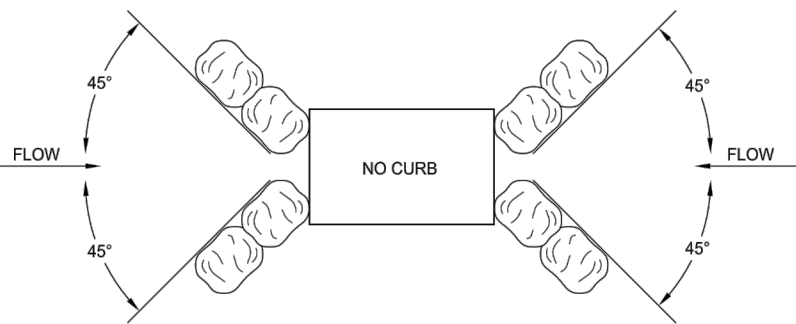
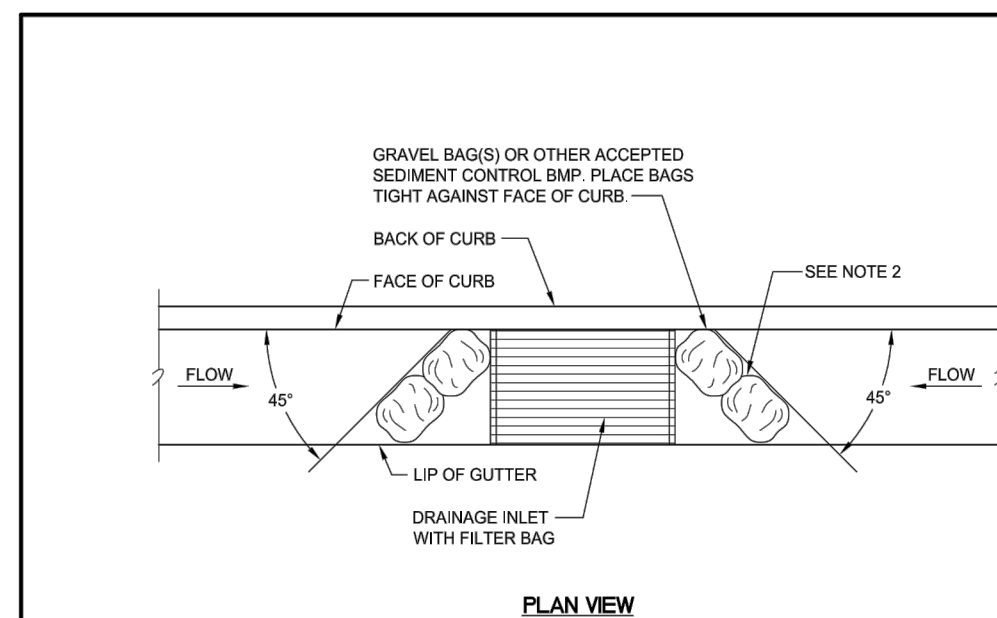
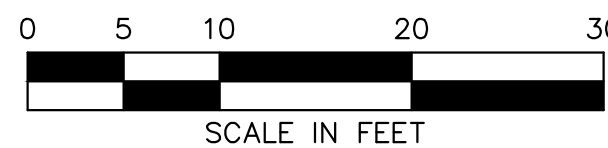


### KEYNOTES

1. INSTALL STORM DRAIN INLET SEDIMENT CONTROL AND FILTER BAG PER CITY OF SACRAMENTO STANDARD DWG. NOS. Q-20 & Q-30.
2. INSTALL FIBER ROLLS PER CITY OF SACRAMENTO STANDARD DWG. NO. Q-40.

### NOTES

1. REFER TO SHEET T-3 FOR EROSION CONTROL NOTES.
2. CONTRACTOR SHALL PROVIDE CONCRETE WASHOUT AREA PER CITY OF SACRAMENTO STANDARD DWG. NO. Q-80. CONTRACTOR SHALL COORDINATE LOCATION WITH CSUS REPRESENTATIVE PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL COORDINATE WITH CSUS REPRESENTATIVE FOR MATERIAL STORAGE LOCATION PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL INSTALL STORM DRAIN INLET SEDIMENT CONTROL AND FILTER BAG PER CITY OF SACRAMENTO STANDARD DWG. NOS. Q-20 & Q-30 AT CURB INLET LOCATED DOWNSTREAM OF RAIN GARDEN IMPROVEMENT (NOT SHOWN ON PLAN).



#### NOTES

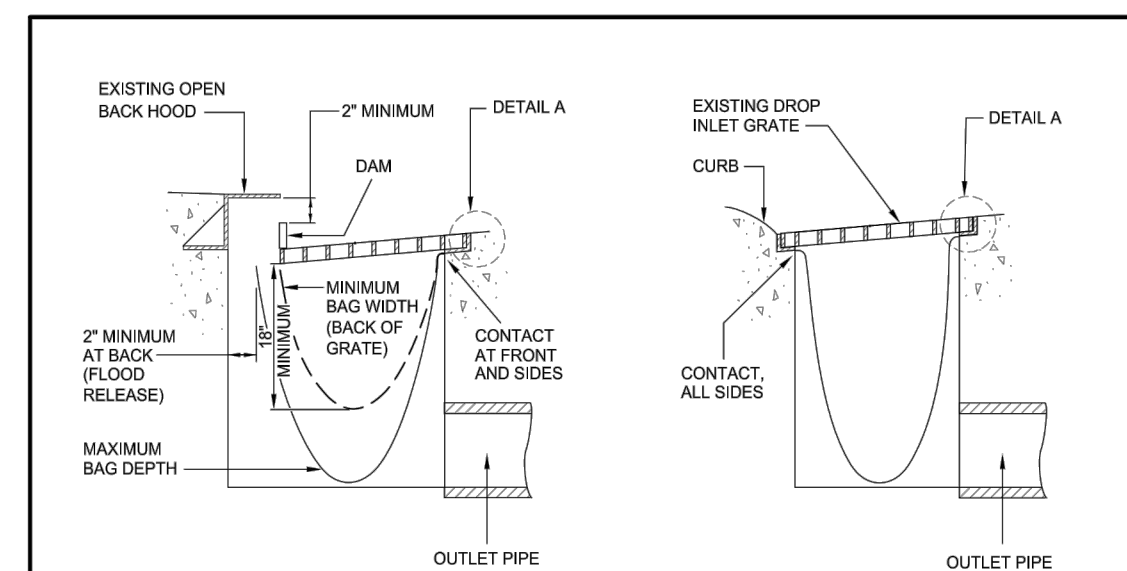
1. SEDIMENT TRAPPED UPSTREAM OF SEDIMENT CONTROL BMP SHALL BE REMOVED WEEKLY AND PRIOR TO A RAINFALL EVENT.
2. PLACE BMP'S TIGHTLY TOGETHER AT JOINTS TO PREVENT OR MINIMIZE SEEPAGE AT JOINTS.
3. INLET SEDIMENT CONTROL MUST BE INSPECTED WEEKLY AND AFTER EACH STORM, AND REPAIRED OR REPLACED AS NEEDED.
4. INLET SEDIMENT CONTROL IS REQUIRED FOR ALL D's IN ADDITION TO A STORM DRAIN INLET FILTER BAG.

REV.	DATE	DESCRIPTION
1		
2		
3		

CITY OF SACRAMENTO  
DEPARTMENT OF UTILITIES

INLET SEDIMENT  
CONTROL

APPROVED BY: [Signature]  
DATE: MAY 2007 DWG. NO. Q-20



#### NOTES

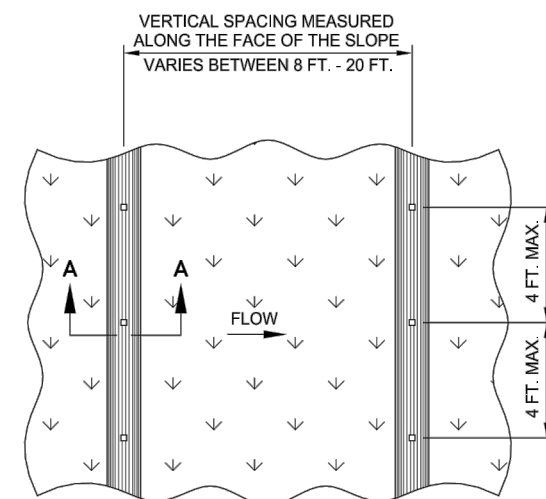
1. THE MAXIMUM DRAINAGE AREA PER FILTER BAG SHALL BE NO MORE THAN 2 ACRES.
2. THE FILTER BAG SHALL BE MANUFACTURED FROM UV RESISTANT POLYPROPYLENE, NYLON, POLYESTER, OR ETHYLENE FABRIC WITH MINIMUM TENSILE STRENGTH OF 50 LBS PER LINEAL FOOT. AN EQUIVALENT OPENING SIZE NOT GREATER THAN 20 SIEVE AND WITH A MINIMUM FLOW RATE OF 40 GALLONS/MINUTE/SQ. FT.
3. THE FILTER BAG MAY BE SUSPENDED FROM OR HELD IN PLACE BY THE EXISTING INLET GRATE (OR OTHER APPROVED METHOD), PROVIDING NO MODIFICATION OR DAMAGE SHALL BE DONE TO THE INLET GRATE OR FRAME. THE INLET GRATE SHALL NOT BE CHANGED TO ONE'S MORE THAN 1" ABOVE THE INLET FRAME (SEE DETAIL A).
4. THE FILTER BAG MAY EXTEND TO THE BOTTOM OF THE INLET BOX PROVIDED THE OUTLET PIPE IS UNOBSTRUCTED.
5. FLOWS SHALL NOT BE ALLOWED TO BYPASS THE BAG. THE BAG OR ITS FRAME SHALL CATCH FLOWS AT ALL SIDES OF THE INLET, EXCEPT AS SHOWN FOR FLOOD RELEASE.
6. INLET FILTER BAGS SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL DURING THE WET SEASON AND MONTHLY DURING THE DRY SEASON. SEDIMENT AND DEBRIS SHALL BE REMOVED BEFORE ACCUMULATIONS HAVE REACHED ONE THIRD THE DEPTH OF THE BAG. BAGS SHALL BE REPAIRED OR REPLACED AS SOON AS DAMAGE OCCURS.
7. THIS DETAIL IS SCHEMATIC AND MUST BE ADJUSTED FOR DIFFERENT D TYPES.

REV.	DATE	DESCRIPTION
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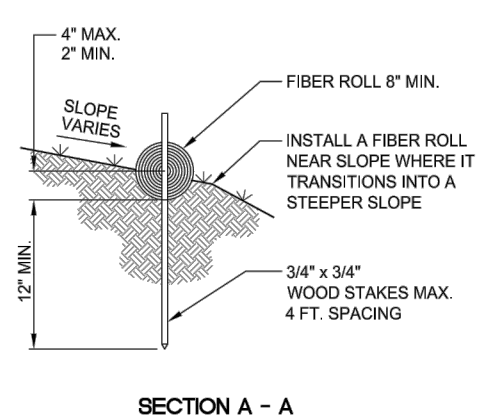
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DEPARTMENT OF UTILITIES

STORM DRAIN INLET  
FILTER BAG

APPROVED BY: [Signature]  
DATE: MAY 2007 DWG. NO. Q-30



#### TYPICAL FIBER ROLL INSTALLATION



#### NOTES

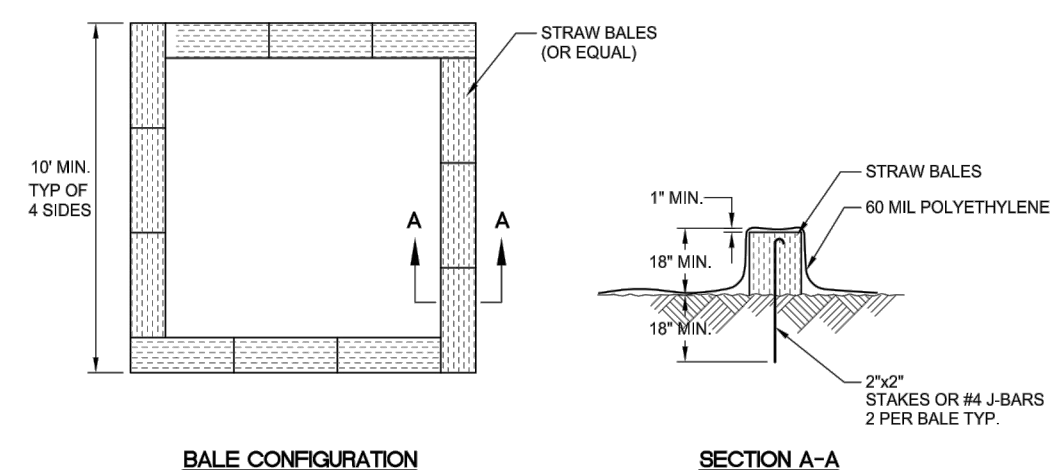
1. INSTALL FIBER ROLLS IN A ROW ALONG A LEVEL CONTOUR.
2. AT ENDS OF A ROW TURN THE LAST TWO FEET UP SLOPE SLIGHTLY.
3. FIBER ROLLS SHALL BE BUTTED TIGHTLY AT THE JOINTS.
4. DO NOT OVERLAP JOINTS.
5. FIBER ROLLS SHALL BE INSPECTED WEEKLY AND AFTER STORMS, AND REPAIRED OR REPLACED AS NEEDED.

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DEPARTMENT OF UTILITIES

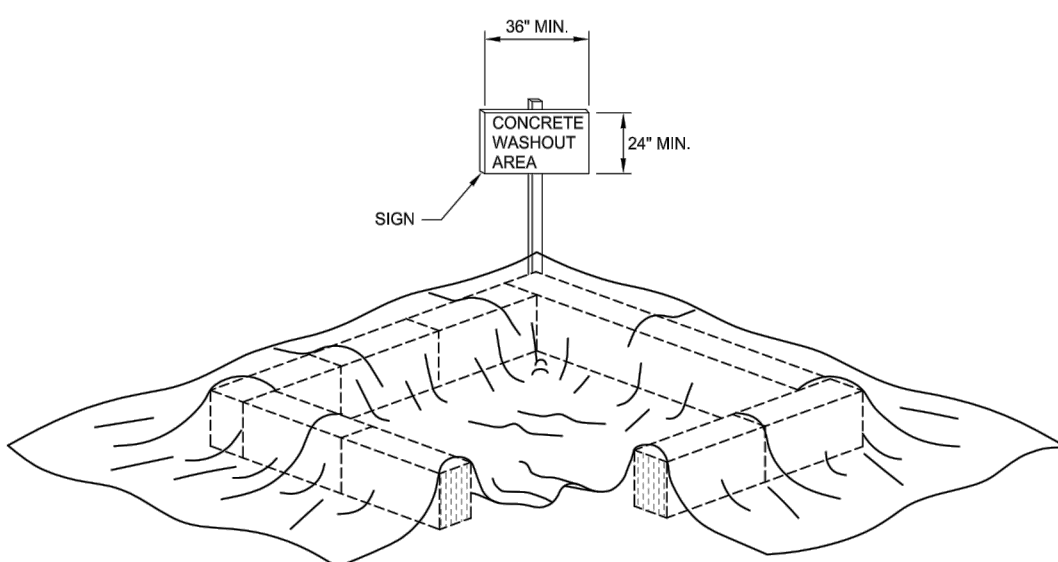
FIBER ROLLS

APPROVED BY: [Signature]  
DATE: MAY 2007 DWG. NO. Q-40



#### BALE CONFIGURATION

#### SECTION A-A



#### NOTES

1. FACE SIGN TOWARD NEAREST STREET OR ACCESS POINT.
2. CONCRETE WASHOUT SHALL BE LOCATED BEHIND CURB AND 50 FT. MINIMUM FROM DRAINAGE INLETS OR WATERCOURSES.

REV.	DATE	DESCRIPTION
1		
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CONCRETE WASHOUT

APPROVED BY: [Signature]  
DATE: MAY 2007 DWG. NO. Q-80

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## CONSTRUCTION DOCUMENTS CSUS LID STORMWATER SYSTEM COLLEGE TOWN DRIVE EROSION CONTROL PLAN

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OF  
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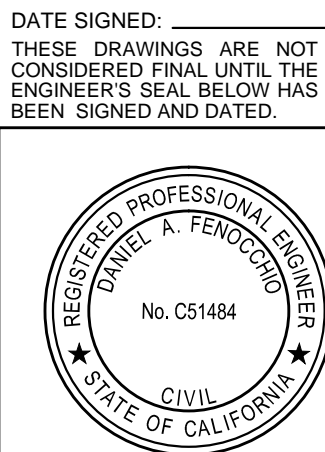
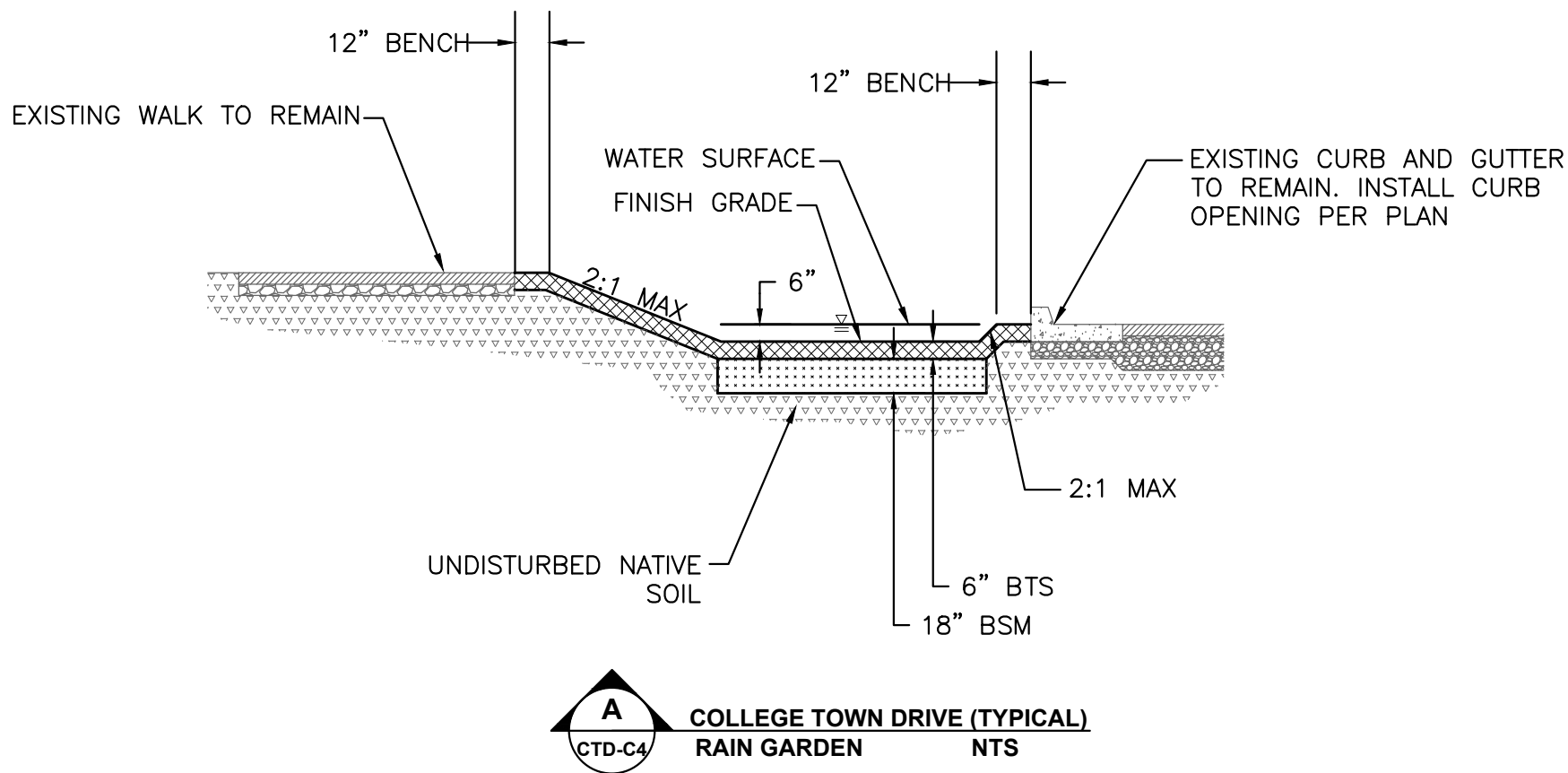
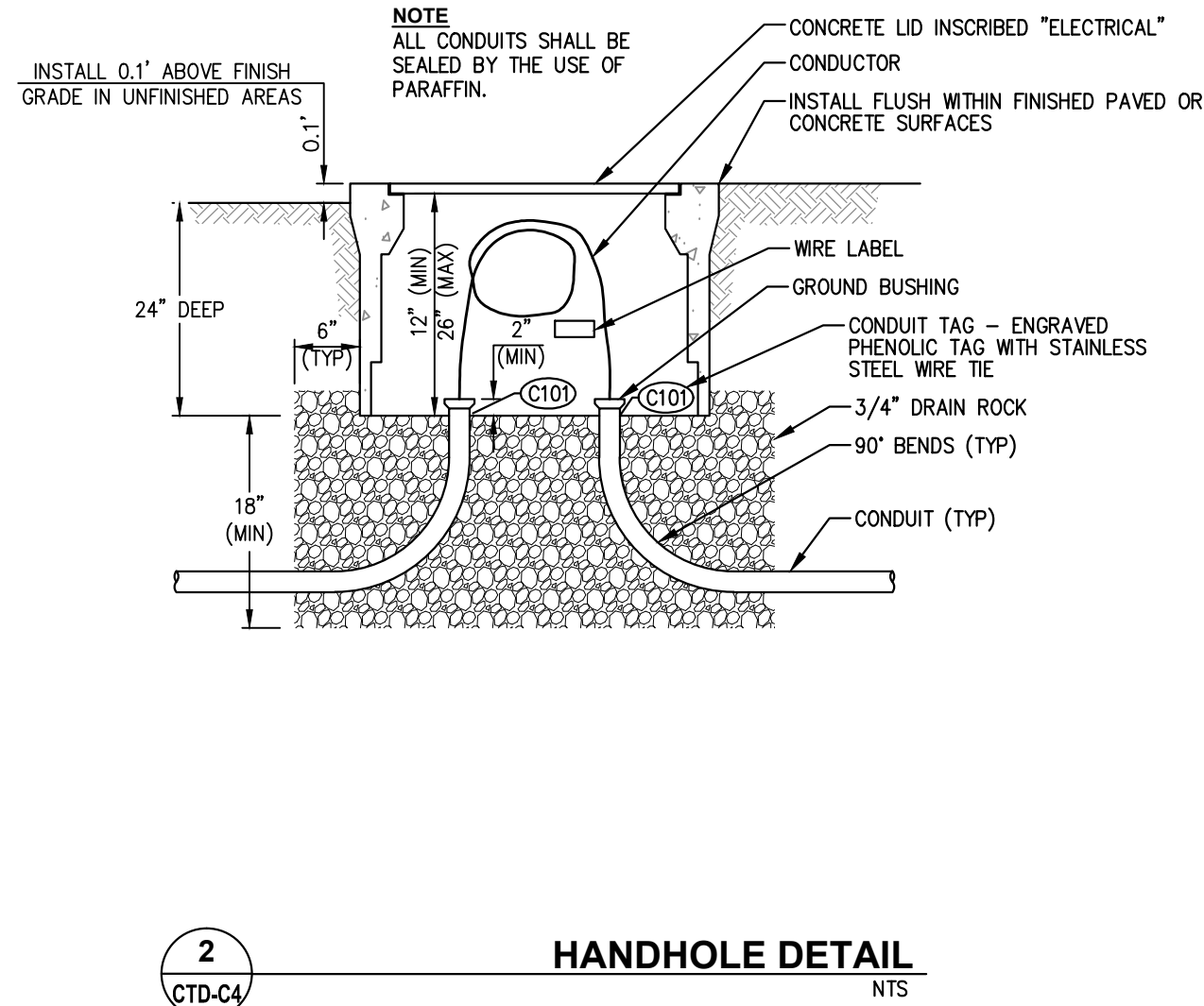
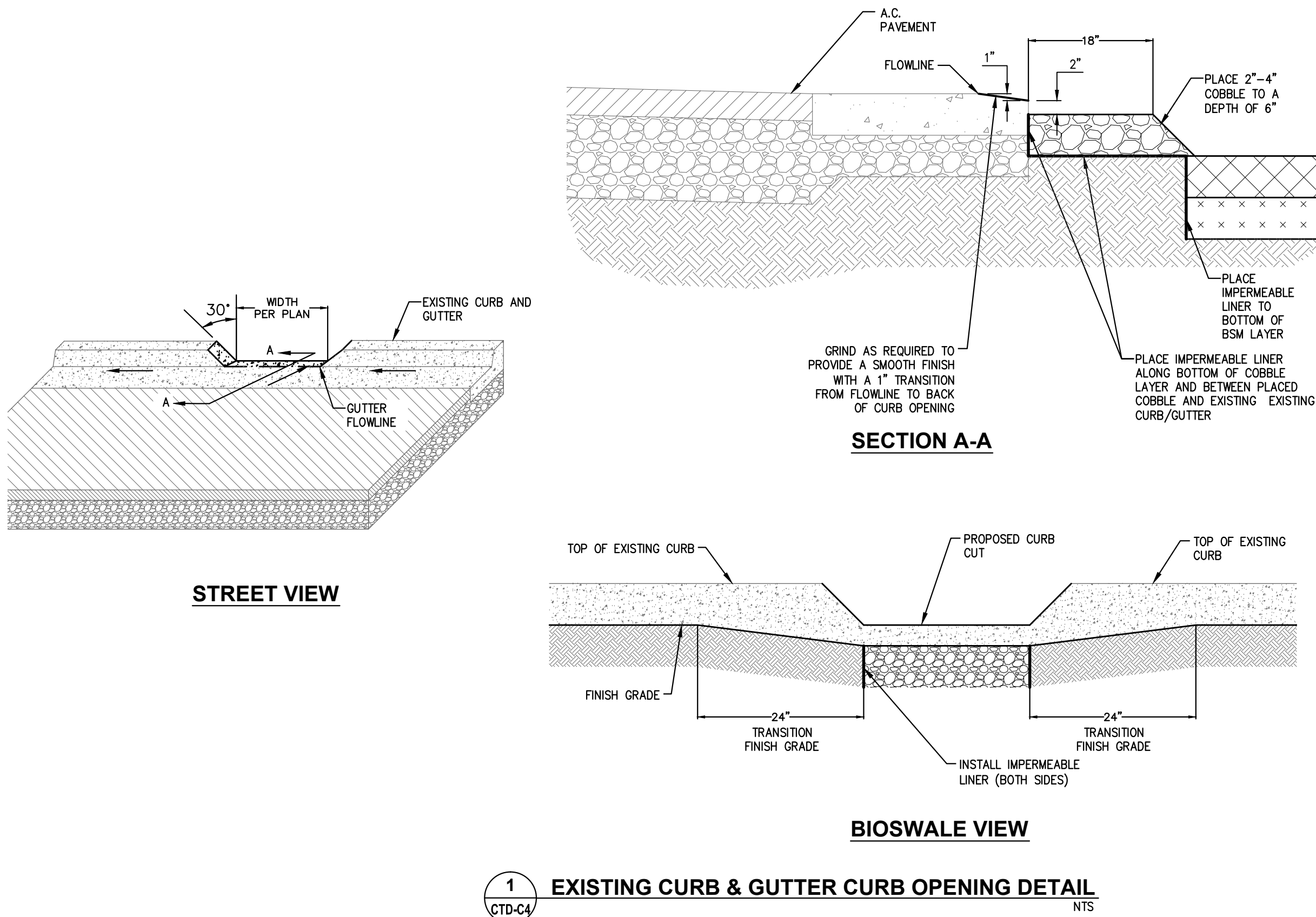
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COLLEGE TOWN DRIVE SECTIONS & DETAILS					
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6					
DATE: 4/24/2015					
JOB NO: 1432.01					