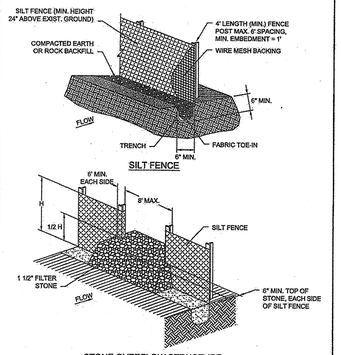
1. POST SHALL BE METAL, NO WOOD POST ALLOWED



SILT FENCE	Texas Cooperative Extension	STANDARD SPECIFICATION REFERENCE 201.5	DATE OCT. '04	STANDARD DRAWING NO. 1020A

SILT FENCE GENERAL NOTES:

1. POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF ONE FOOT.

2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CANNOT BE TRENCHED IN (e.g. PAVEMENT), WEIGHT FABRIC FLAP WITH ROCK ON UPHILL SIDE TO PREVENT FLOW FROM SEEPING UNDER FENCE.

3. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.

4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH SUPPORT POST OR TO WIRE BACKING, WHICH IN TURN IS ATTACHED TO THE FENCE POST. THERE SHALL BE A 3 FOOT OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.

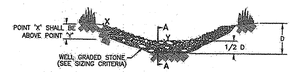
5. INSPECTION SHALL BE AS SPECIFIED IN THE SWPPP. REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.

6. SILT FENCE SHALL BE REMOVED WHEN FINAL STABILIZATION IS ACHIEVED OR ANOTHER EROSION OR SEDIMENT CONTROL DEVICE IS EMPLOYED.

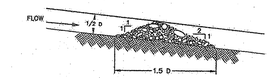
7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF HALF THE HEIGHT OF THE FENCE. THE SILT SHALL BE DISPOSED OF AT AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.

8. FILTER STONE SHALL BE WRAPPED IN FILTER FABRIC AND BURIED MINIMUM OF SIX INCHES.

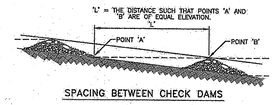
SILT FENCE	Texas Cooperative Extension	STANDARD SPECIFICATION REFERENCE 201.5	DATE OCT. '04	STANDARD DRAWING NO. 1020B



VIEW LOOKING UPSTREAM



SECTION A – A



SPACING BETWEEN CHECK DAMS

ROCK CHECK DAM	Texas Cooperative Extension	STANDARD SPECIFICATION REFERENCE 201.9	DATE OCT. '04	STANDARD DRAWING NO. 1060A

ROCK CHECK DAM GENERAL NOTES:

1. STONE SHALL BE WELL GRADED WITH SIZE RANGE FROM 1½ TO 3½ INCHES IN DIAMETER DEPENDING ON EXPECTED FLOWS.

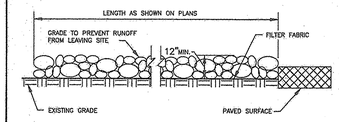
2. THE CHECK DAM SHALL BE INSPECTED AS SPECIFIED IN THE SWPPP AND SHALL BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED DUE TO SILT ACCUMULATION AMONG THE ROCKS, WASHOUT, CONSTRUCTION TRAFFIC DAMAGE, ETC.

3. WHEN SILT REACHES A DEPTH EQUAL TO ONE–THIRD OF THE HEIGHT OF THE CHECK DAM OR ONE FOOT, WHICHEVER IS LESS, THE SILT SHALL BE REMOVED AND DISPOSED OF PROPERLY.

4. WHEN THE SITE HAS ACHIEVED FINAL STABILIZATION OR ANOTHER EROSION OR SEDIMENT CONTROL DEVICE IS EMPLOYED, THE CHECK DAM AND ACCUMULATED SILT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED MANNER.

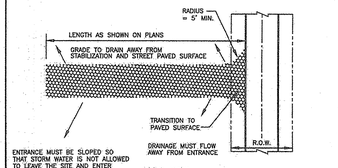
5. FILTER STONE SHALL BE WRAPPED IN APPROPRIATE SIZED WIRE MESH TO CONTAIN STONE AND BURIED MINIMUM OF SIX INCHES.

ROCK CHECK DAM	Texas Cooperative Extension	STANDARD SPECIFICATION REFERENCE 201.9	DATE OCT. '04	STANDARD DRAWING NO. 1060B



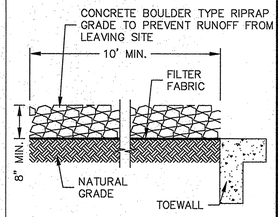
PROFILE VIEW
N.T.S.

1. NO CRUSHED CONCRETE ALLOWED



PLAN VIEW
N.T.S.

STABILIZED CONSTRUCTION ENTRANCE	Texas Cooperative Extension	STANDARD SPECIFICATION REFERENCE 201.10	DATE OCT. '04	STANDARD DRAWING NO. 1070A



STABILIZED ROCK RIPRAP

NOTE:
1. 6"–8" OF GROUTED ROCK RIPRAP.
2. FILTER FABRIC AND A TOE WALL MUST BE INCLUDED FOR RIPRAP AT AN OUTFALL.

GENERAL NOTES

1. CONTRACTOR TO USE DETAILS AS OUTLINED IN THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, NORTH CENTRAL TEXAS, FORTH EDITION AND CITY OF ROCKWALL STANDARDS OF DESIGN AND CONSTRUCTION.
2. SOME OF THE DETAILS IN THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, NORTH CENTRAL TEXAS, FORTH EDITION HAVE BEEN ADJUSTED PER THE CITY OF ROCKWALL'S STANDARDS OF DESIGN AND CONSTRUCTION SECTION 8 SPECIAL PROVISIONS TO THE NCTCOG'S STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION STANDARDS.

STABILIZED CONSTRUCTION ENTRANCE GENERAL NOTES:

1. STONE SHALL BE 4 TO 6 INCH DIAMETER COARSE AGGREGATE.

2. LENGTH SHALL BE AS SPECIFIED IN THE SWPPP.

3. THE THICKNESS SHALL NOT BE LESS THAN 12 INCHES.

4. THE WIDTH SHALL BE NO LESS THAN THE FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.

5. WHEN NECESSARY, VEHICLES SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO A PUBLIC ROADWAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WITH DRAINAGE FLOWING AWAY FROM BOTH THE STREET AND THE STABILIZED ENTRANCE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE USING APPROVED METHODS.

6. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PAVED SURFACES. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PAVED SURFACES MUST BE REMOVED IMMEDIATELY.

7. THE ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE A DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.

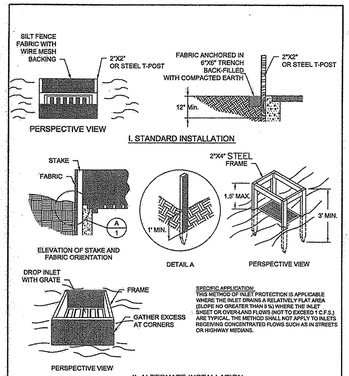
8. PREVENT SHORTCUTTING OF THE FULL LENGTH OF THE CONSTRUCTION ENTRANCE BY INSTALLING BARRIERS AS NECESSARY.

9. INSPECTION SHALL BE AS SPECIFIED IN THE SWPPP.

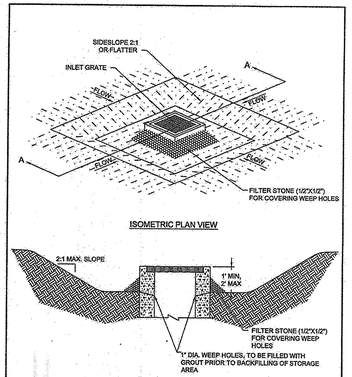
MINIMUM LENGTH SHALL BE FIFTY FEET, AND MINIMUM WIDTH SHALL BE TWENTY FEET.

10. NO CRUSHED CONCRETE IS ALLOWED.

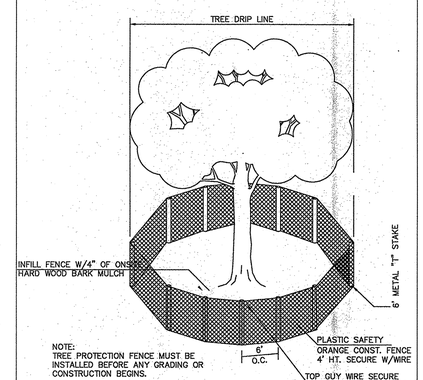
STABILIZED CONSTRUCTION ENTRANCE	Texas Cooperative Extension	STANDARD SPECIFICATION REFERENCE 201.11	DATE OCT. '04	STANDARD DRAWING NO. 1070B



INLET PROTECTION FILTER BARRIER	Texas Cooperative Extension	STANDARD SPECIFICATION REFERENCE 201.14	DATE OCT. '04	STANDARD DRAWING NO. 1120



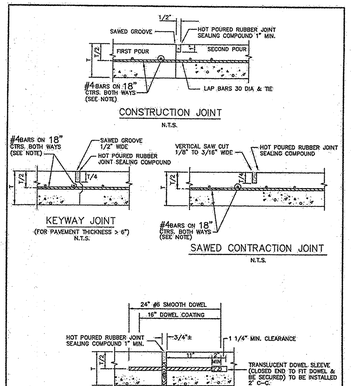
INLET PROTECTION EXCAVATED IMPOUNDMENT	Texas Cooperative Extension	STANDARD SPECIFICATION REFERENCE 201.14	DATE OCT. '04	STANDARD DRAWING NO. 1150



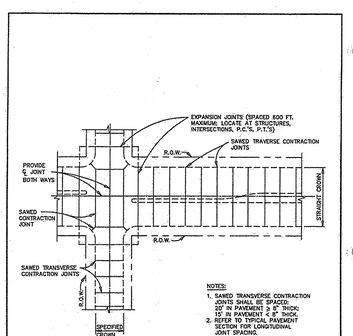
NOTE:
TREE PROTECTION FENCE MUST BE INSTALLED BEFORE ANY GRADING OR CONSTRUCTION BEGINS.

LANDSCAPE ARCHITECT MUST BE PRESENT WHEN ANY WORK IS DONE WITHIN THE TREE PROTECTION FENCE.

TREE PROTECTION



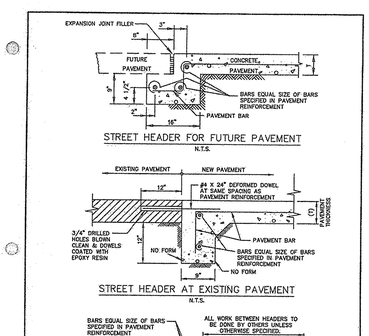
REINFORCED CONCRETE PAVEMENT JOINTS	Texas Cooperative Extension	STANDARD SPECIFICATION REFERENCE 303.5.4.	DATE OCT. '04	STANDARD DRAWING NO. 2050



NOTE:
1. SAWED TRANSVERSE CONTRACTION JOINTS SHALL BE SPACED: 20' IN PAVEMENT ≥ 8" THICK; 15' IN PAVEMENT < 8" THICK.
2. REFER TO TYPICAL PAVEMENT SECTION FOR LONGITUDINAL JOINT SPACING.

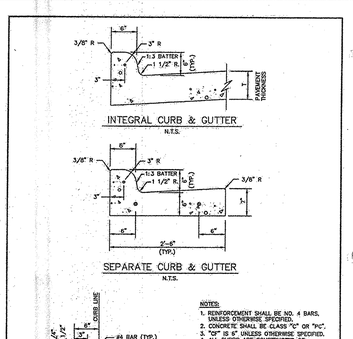
SPACING DIAGRAM FOR TRANSVERSE JOINTS
N.T.S.

REINFORCED CONCRETE PAVEMENT TRANSVERSE JOINT SPACING	Texas Cooperative Extension	STANDARD SPECIFICATION REFERENCE 303.5.4.	DATE OCT. '04	STANDARD DRAWING NO. 2060



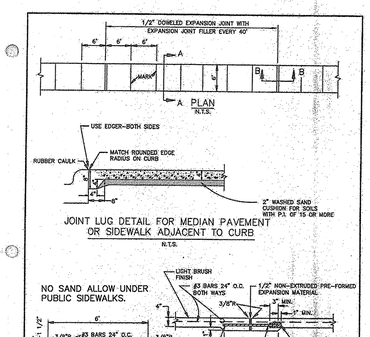
NOTES:
1. PAVEMENT BARS TO BE BENT DOWN INTO HEADER.
2. HEADER AND PAVEMENT TO BE MONOLITHIC.

REINFORCED CONCRETE PAVEMENT STREET HEADERS	Texas Cooperative Extension	STANDARD SPECIFICATION REFERENCE 305.4	DATE OCT. '04	STANDARD DRAWING NO. 2070



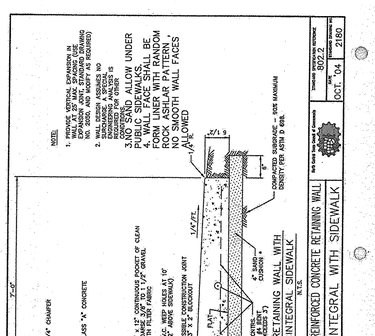
NOTES:
1. REINFORCEMENT SHALL BE NO. 4 BARS, UNLESS OTHERWISE SPECIFIED.
2. CONCRETE SHALL BE CLASS "C" OR "P+C".
3. "CP" IS 6" UNLESS OTHERWISE SPECIFIED.
4. ALL CURBS ARE CONSTRUCTED OF PORTLAND CEMENT CONCRETE UNLESS OTHERWISE SHOWN.
5. GRADE SHALL BE MEASURED AT BACK OF CURB.

CONCRETE CURB & GUTTER INTEGRAL, SEPARATE, & DOWELED	Texas Cooperative Extension	STANDARD SPECIFICATION REFERENCE 305.1	DATE OCT. '04	STANDARD DRAWING NO. 2120



NOTE:
1. REFER TO STANDARD SPECIFICATION ITEM 305.2 FOR ALTERNATE REINFORCEMENT.
2. CROSS SLOPE OF SIDEWALK SHALL BE ± 1/4" PER FT. MIN. TO ± 3/8" PER FT. MAX.
3. OTHER THAN 4'–0" SIDEWALK WIDTH MAY BE SPECIFIED BY OWNER.
4. SIDEWALK SHALL BE CLASS "A" CONCRETE UNLESS OTHERWISE SPECIFIED BY OWNER.
5. ALL HONEYCOMB IN BACK OF CURB TO BE TROWEL–PLASTERED BEFORE POURING SIDEWALK.
6. LUG MAY BE FORMED BY SHAPING SUBGRADE TO APPROXIMATE DIMENSIONS SHOWN.

REINFORCED CONCRETE SIDEWALKS JOINTS AND SPACING	Texas Cooperative Extension	STANDARD SPECIFICATION REFERENCE 305.2	DATE OCT. '04	STANDARD DRAWING NO. 2170



REINFORCED CONCRETE RETAINING WALL INTEGRAL WITH SIDEWALK	Texas Cooperative Extension	STANDARD SPECIFICATION REFERENCE 303.2.2	DATE OCT. '04	STANDARD DRAWING NO. 2180

RELEASED FOR CONSTRUCTION
ALL RESPONSIBILITY OF ADEQUACY OF DESIGN REMAINS WITH THE DESIGN ENGINEER. THE CITY OF ROCKWALL, IN REVIEWING AND RELEASING PLANS FOR CONSTRUCTION, ASSUMES NO RESPONSIBILITY FOR ADEQUACY OR ACCURACY OF DESIGN.

CITY _____ DATE _____

OWNER/DEVELOPER
RW LADERA, LLC.
361 W. BYRON NELSON BLVD. STE. 104
ROANOKE, TX 76262
Ph. 817.430.3318
Contact: John Delin

The John R. McAdams Company, Inc.
(DBA, G&A | McAdams)
111 Hillside Drive
Lewisville, Texas 75057
972. 436. 9712
201 County View Drive
Roanoke, Texas 76262
940. 240. 1012
TBPE: 19762 TBPLS: 10194440
www.mcadamsco.com

LADERA ROCKWALL PHASE 1

LADERA ROCKWALL PHASE 1
Lot 1, Block A & Lot 1, Block B
LADERA ROCKWALL
47.694 Acres
In the
M. JONES SURVEY, ABSTRACT NO. 122
CITY OF ROCKWALL
ROCKWALL COUNTY, TEXAS

STANDARD CONSTRUCTION DETAILS

STATE OF TEXAS
ROBERT J. DOLLAK, JR.
86698
LICENSED PROFESSIONAL ENGINEER
3/11/19

G&A | MCADAMS
TBPE: 19762

Drawn By:	AM
Date:	02/23/2018
Scale:	1"=40'
Revisions:	
	04/23/2018
	07/16/2018
	09/06/2018
	01/28/2019
	02/11/2019
	03/11/2019 Signed

17191

C71

File: J:\2017\191\Drawings\CP & Const Plans\Sheets\C71C.DGN
Plotted: 3/11/2019 11:28 AM, by Steve Nichols Scale: 20.00000