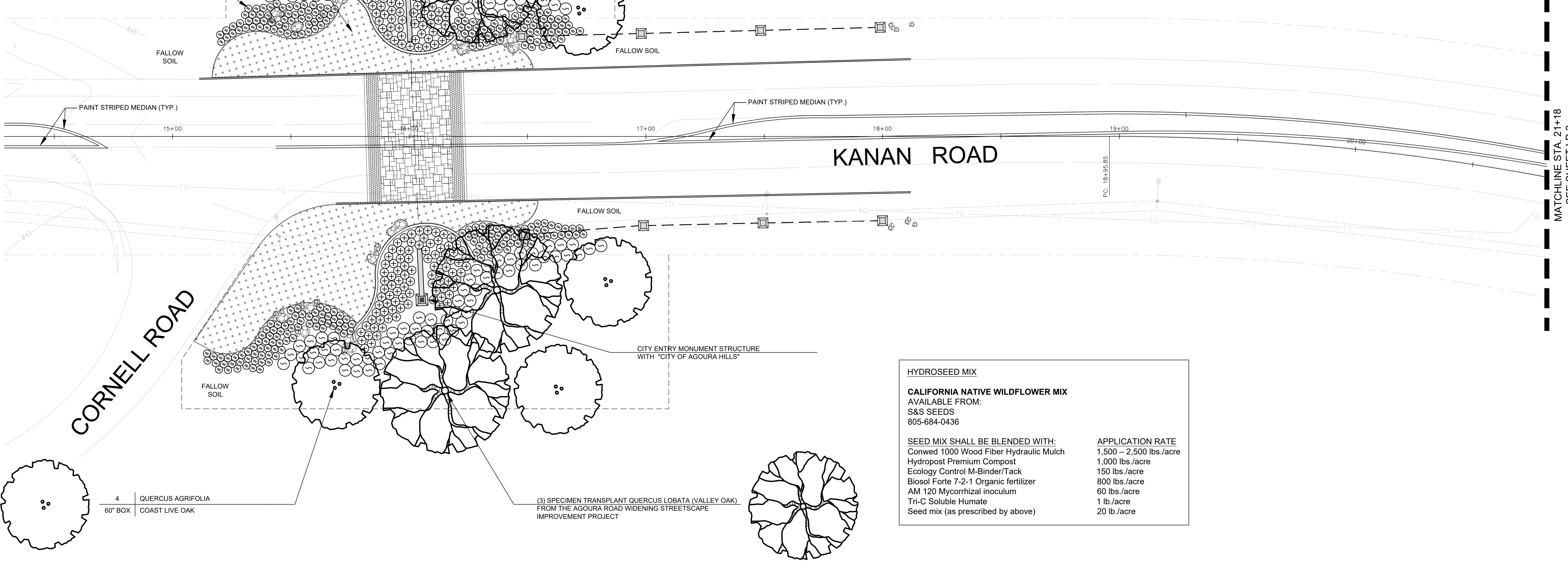


- ⊕ 144 | MUHLENBURGIA RIGEN  
5 GAL DEERGRASS PLANT @ 24" O.C.
- ⊙ 114 | SALVIA LEUCANTHA 'MIDNIGHT'  
5 GAL MIDNIGHT MEXICAN SAGE
- HYDROSEED  
CALIFORNIA NATIVE WILDFLOWER MIX  
SEE MIX BELOW (5,336 SF)
- ⊙ 259 | PENSTEMON MARGARITA BOP  
5 GAL MOUNTAIN PENSTEMON PLANT @ 36" O.C.



**HYDROSEED MIX**

**CALIFORNIA NATIVE WILDFLOWER MIX**  
AVAILABLE FROM:  
S&S SEEDS  
805-684-0436

<b>SEED MIX SHALL BE BLENDED WITH:</b>	<b>APPLICATION RATE</b>
Conwed 1000 Wood Fiber Hydraulic Mulch	1,500 – 2,500 lbs./acre
Hydropost Premium Compost	1,000 lbs./acre
Ecology Control M-Binder/Tack	150 lbs./acre
Biosol Forte 7-2-1 Organic fertilizer	800 lbs./acre
AM 120 Mycorrhizal inoculum	60 lbs./acre
Tri-C Soluble Humate	1 lb./acre
Seed mix (as prescribed by above)	20 lb./acre

- ⊙ 4 | QUERCUS AGRIFOLIA  
60" BOX COAST LIVE OAK
- ⊙ (3) SPECIMEN TRANSPLANT QUERCUS LOBATA (VALLEY OAK)  
FROM THE AGOURA ROAD WIDENING STREETSCAPE IMPROVEMENT PROJECT

MATCHLINE STA. 21+18  
SEE SHEET LP-3

**95% SUBMITTAL**

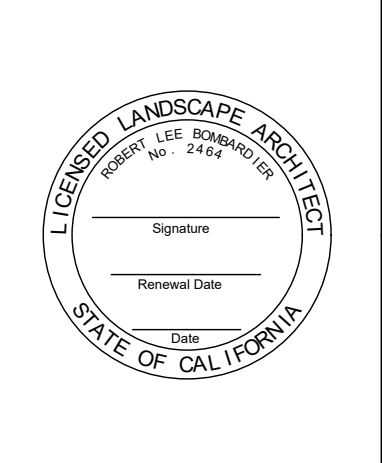
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2		65%PS&E		04/21/16
3		95%PS&E		05/03/17
4		95%PS&E		10/25/17
REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE

APPROVED BY:

**Kimley»Horn**

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Tel (213) 261-4040

ROBERT BOMBARDIER RLA 2464 DATE

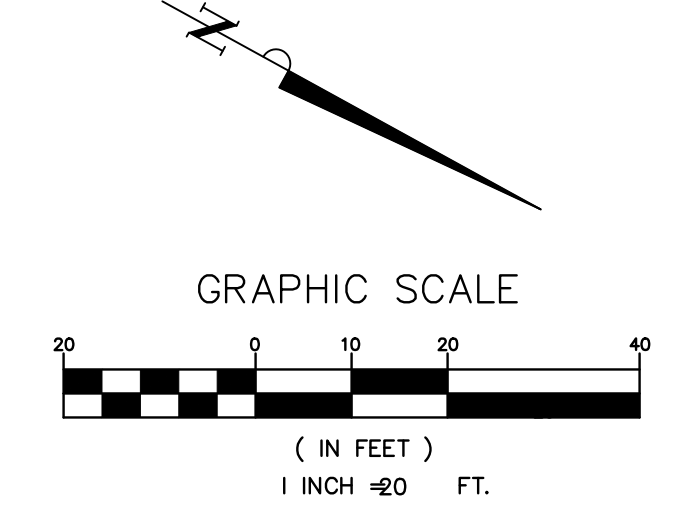


REVIEWED BY:

CHARMAINE YAMBABO 8/4/15  
ASSOCIATE CIVIL ENGINEER DATE

APPROVED BY:

RAMIRO ADEVA 8/4/15  
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER DATE



NOTE:  
REFER TO LP-3 FOR SOIL PREPARATION AND BACKFILL MIX SPECIFICATIONS

PREPARED BY:

**L. Newman Design Group, Inc.**

- Landscape Architecture
- Planning
- Horticulture
- Biological Restoration

31300 Via Colinas ■ Suite 104 ■ Westlake Village, CA 91362-3924  
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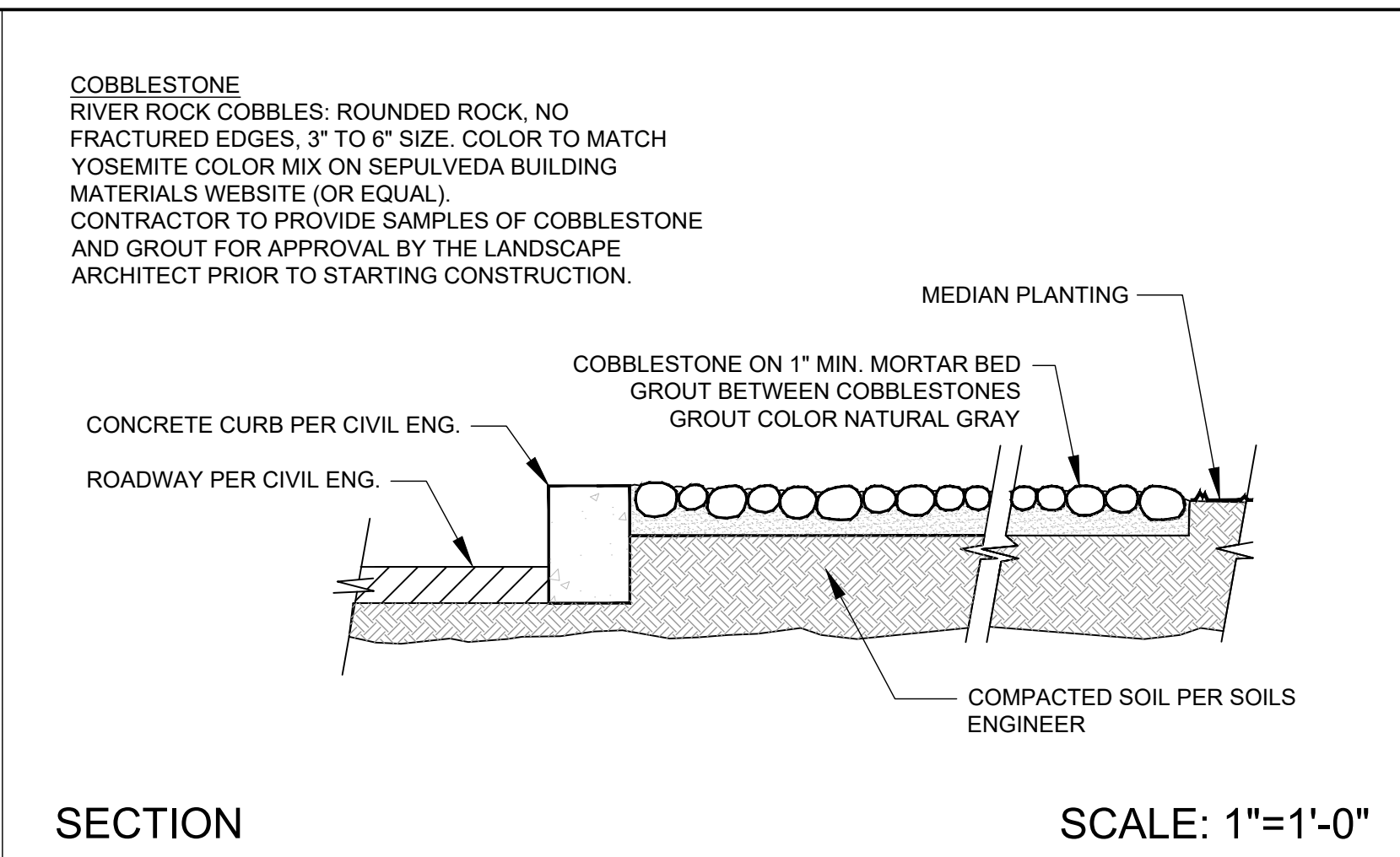
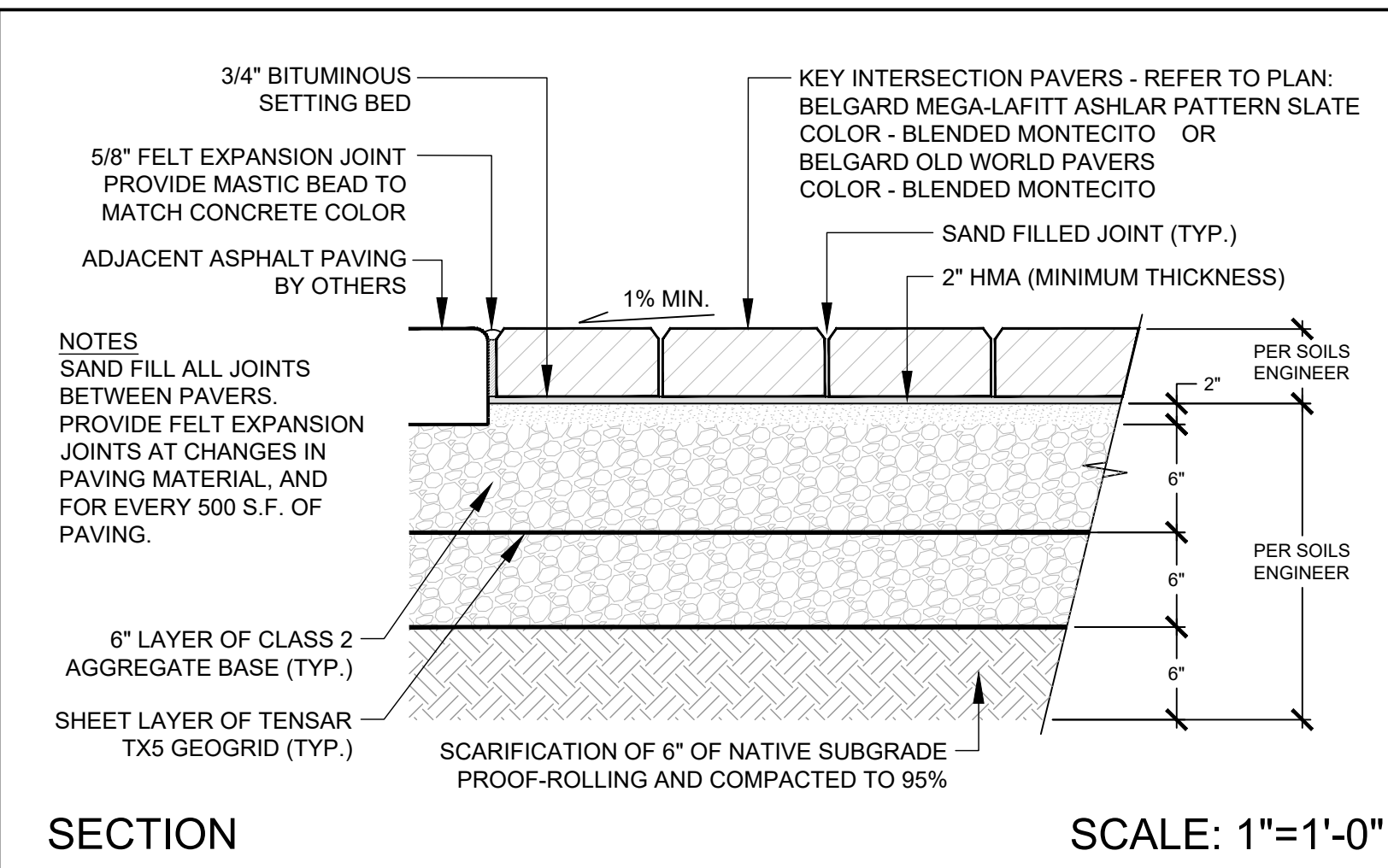
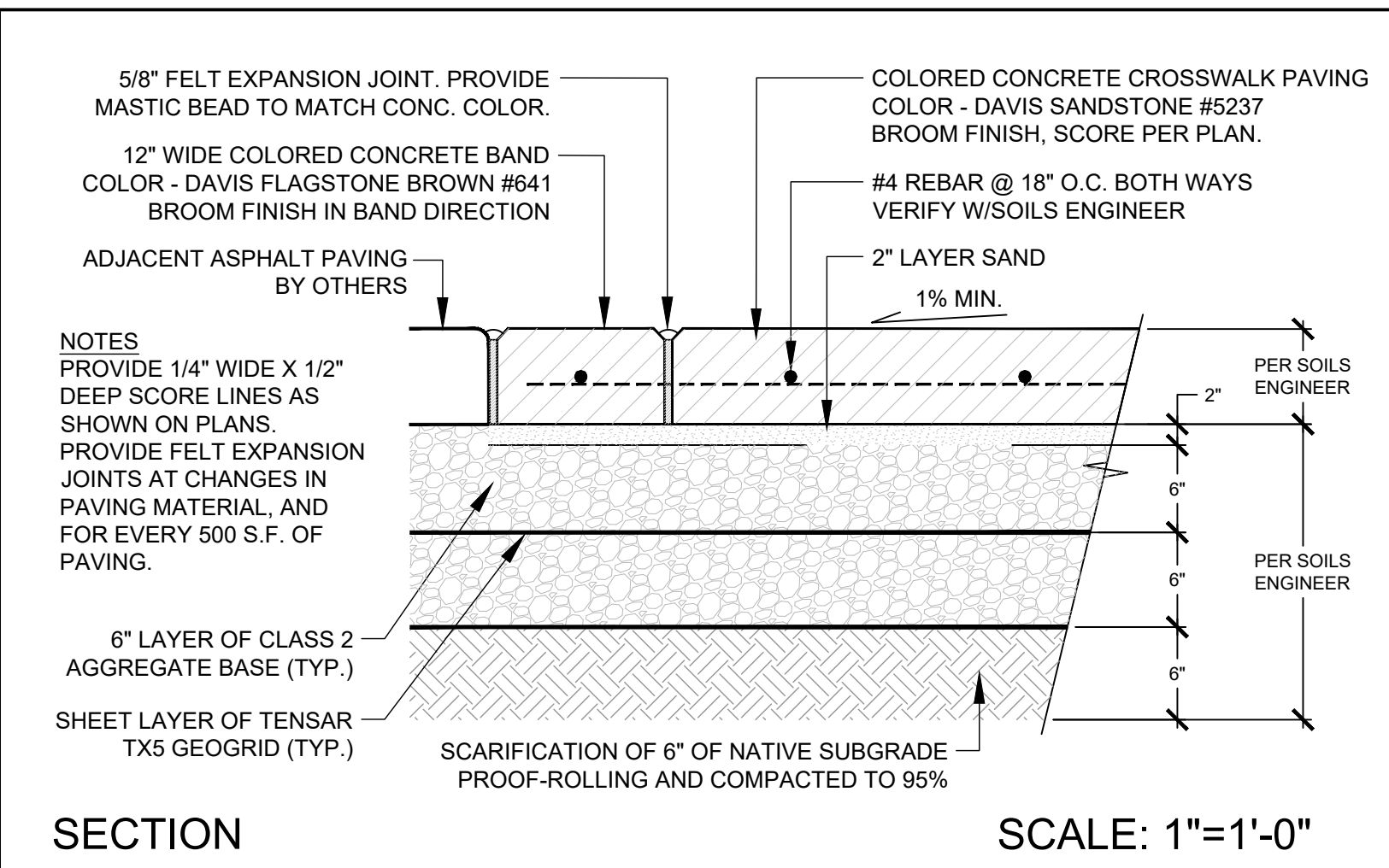
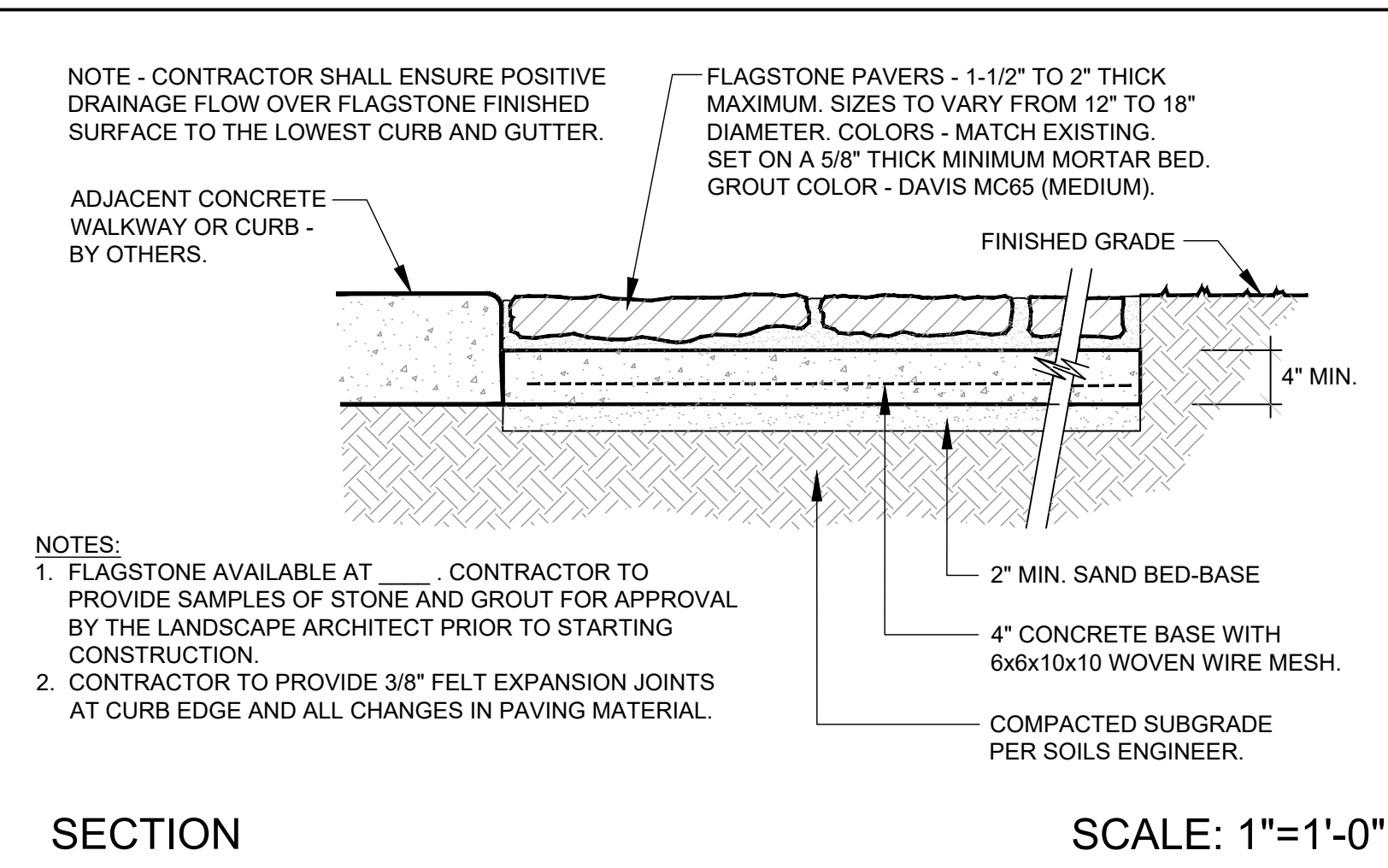
KANAN ROAD/AGOURA ROAD  
ULTIMATE INTERSECTION IMPROVEMENTS

PLANTING PLAN LP-4

DESIGNED BY: BB	DRAWN BY: RK	CHECKED BY: XX	KHA JOB NUMBER 099083026
--------------------	-----------------	-------------------	-----------------------------

SHEET 37 OF 42



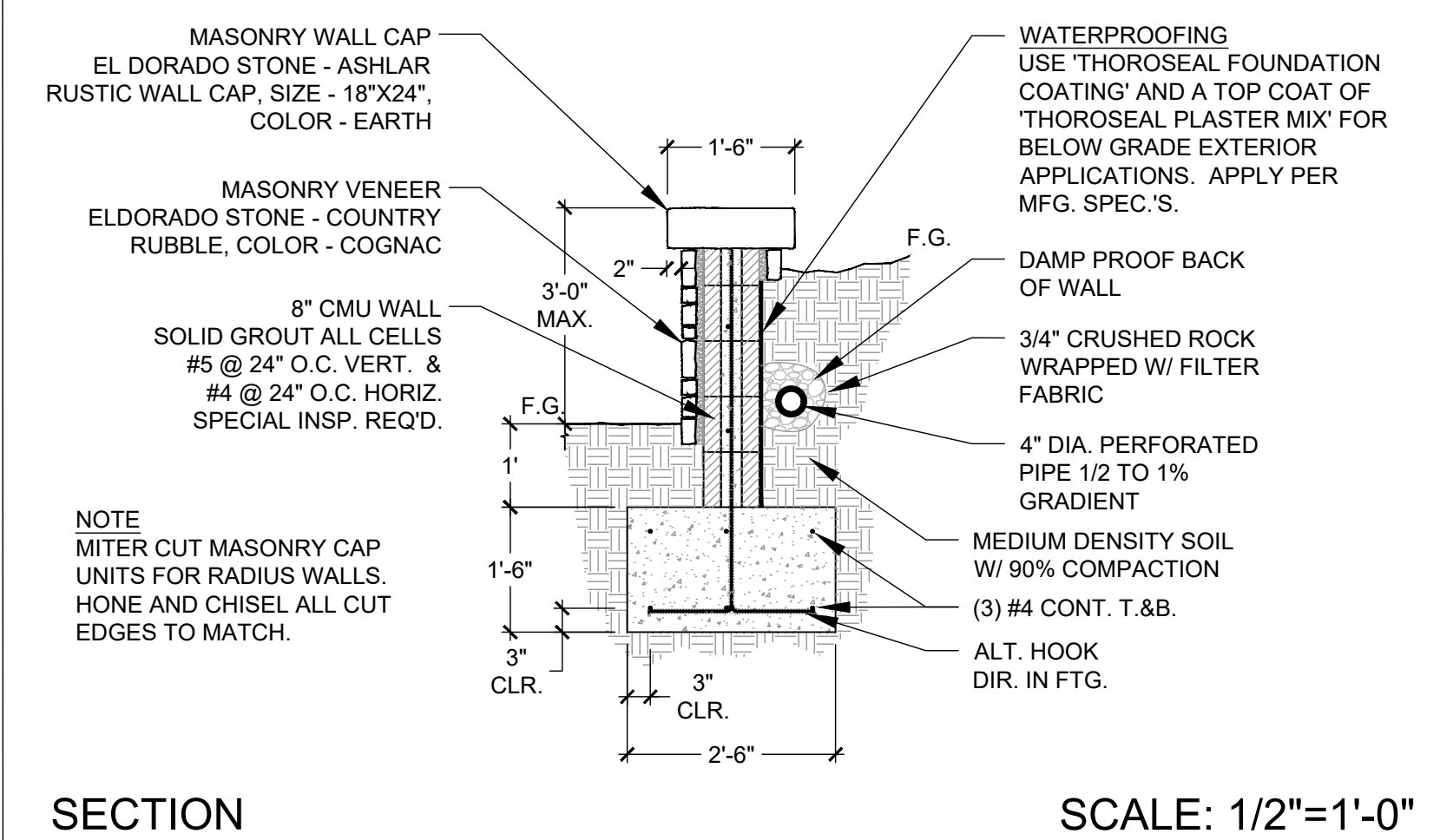
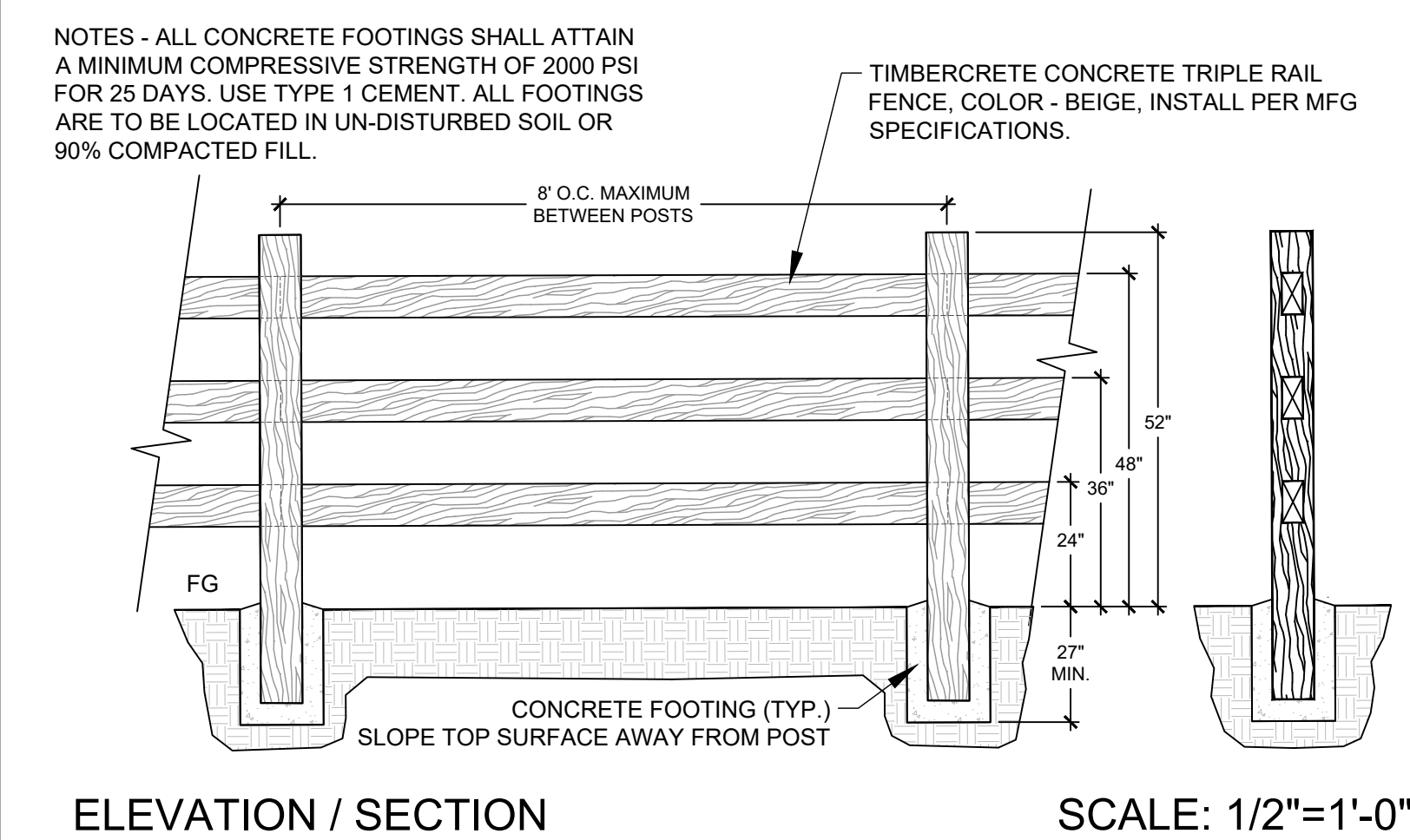
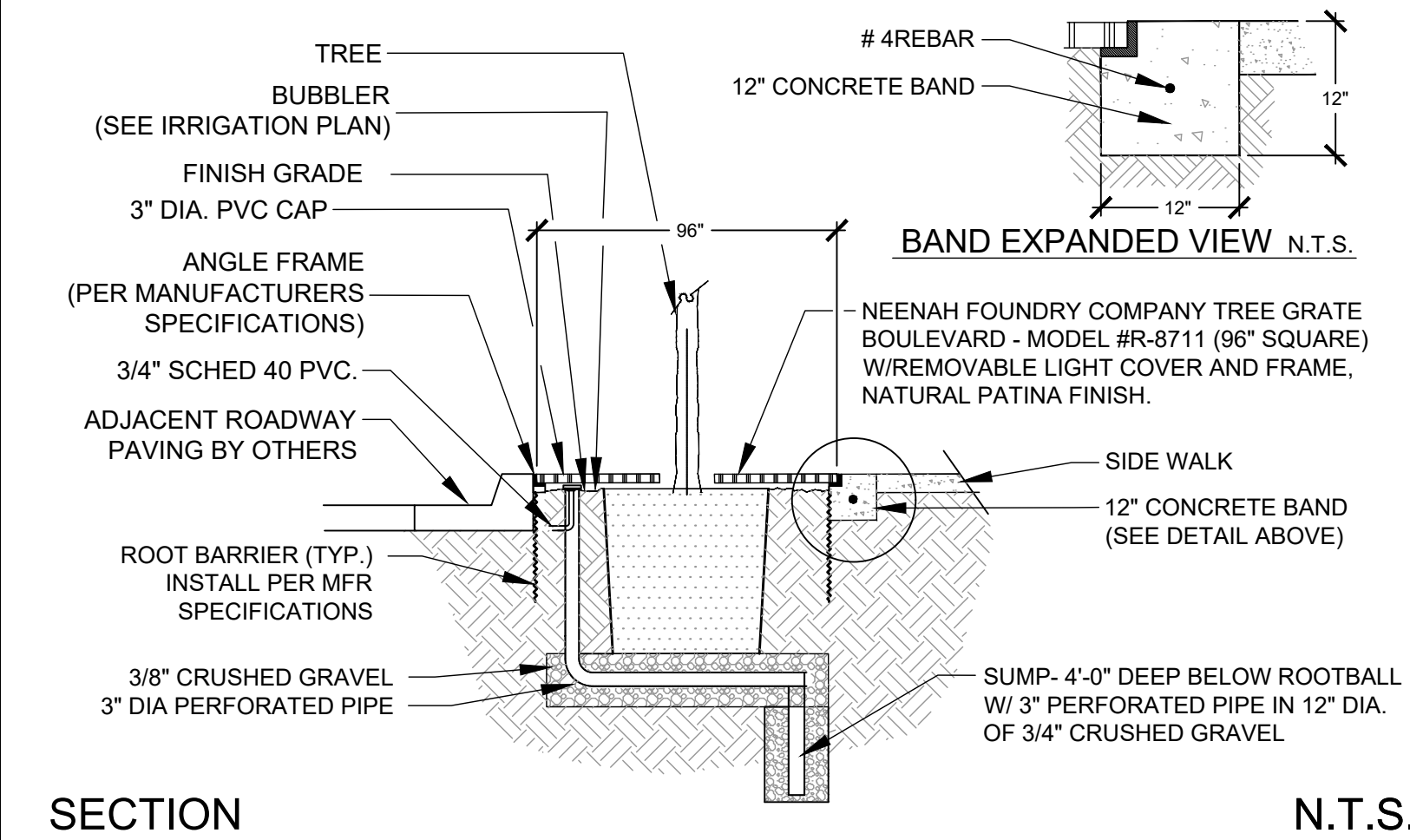
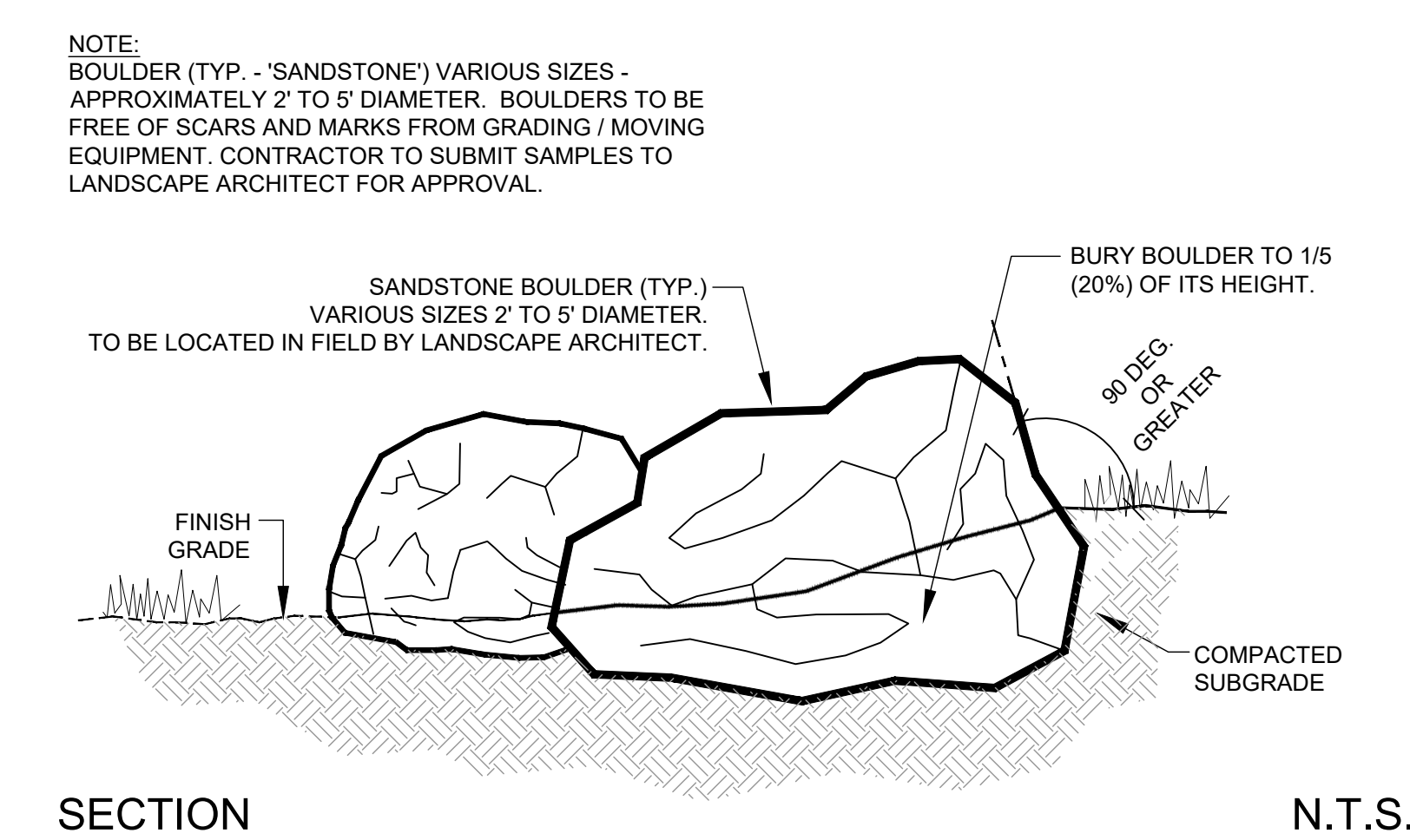


**A FLAGSTONE PAVING PEDESTRIAN WALKWAYS**

**B COLORED CONCRETE PAVING AND BANDS AT PEDESTRIAN STREET CROSSINGS**

**C INTERLOCKING PAVERS VEHICULAR - ON CRUSHED AGGREGATE BASE**

**D COBBLESTONE PAVING MEDIANS**

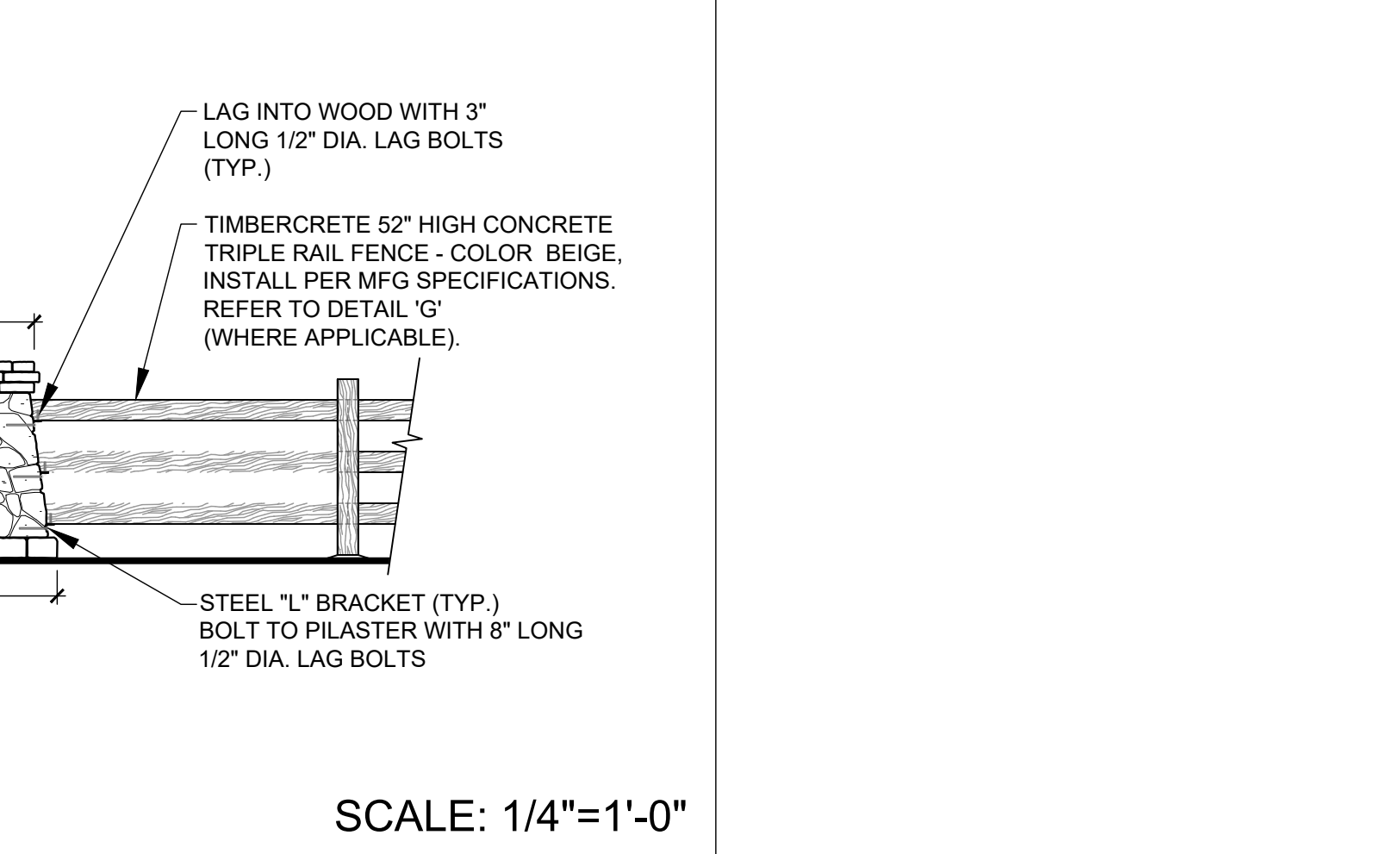
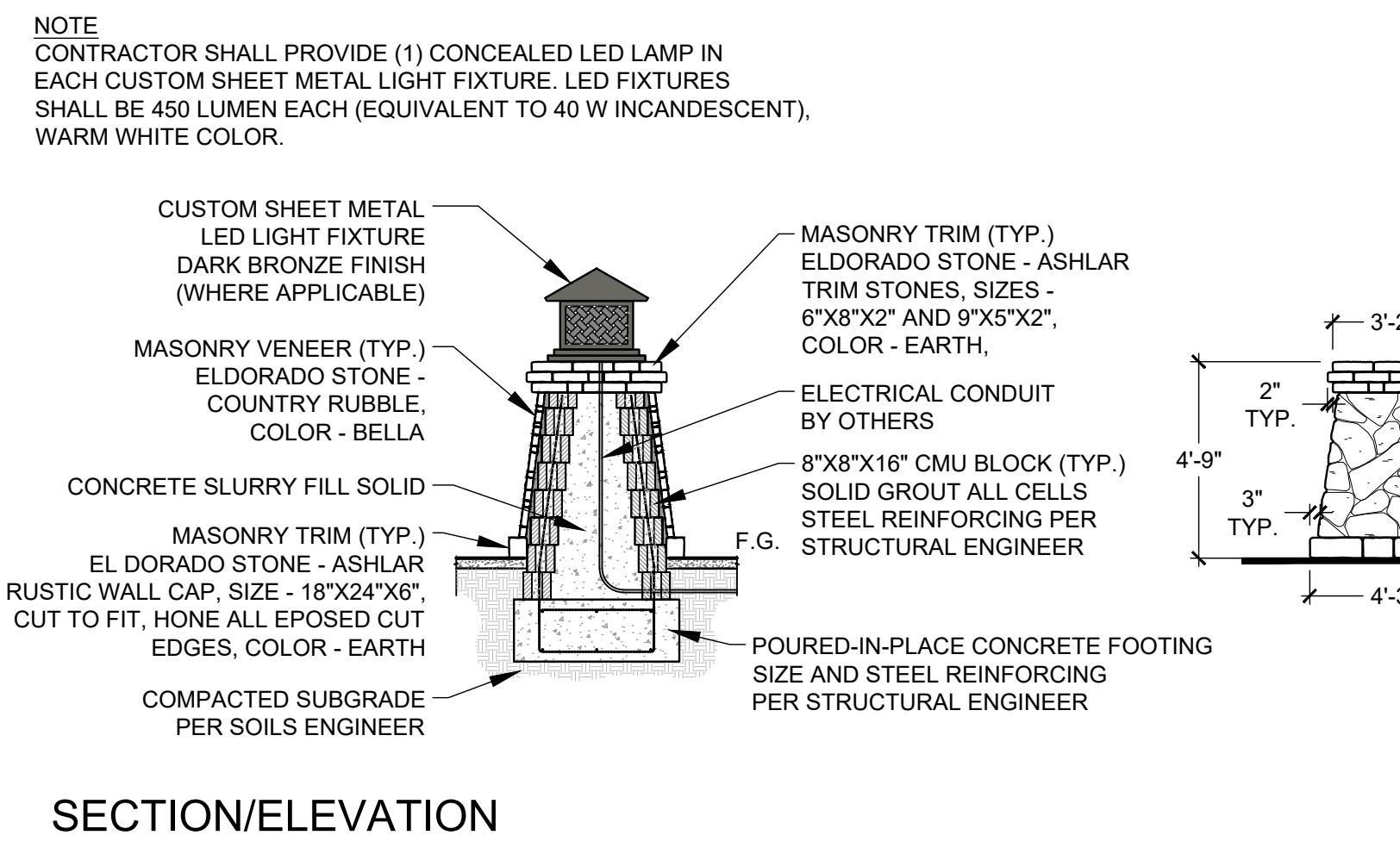


**E BOULDERS**

**F DECORATIVE TREE GRATE**

**G CONCRETE TRIPLE RAIL FENCING**

**H LOW STONE VENEER WALL WITH MASONRY CAP**



**I SMALL STONE VENEER PILASTER W/ CUSTOM LIGHT FIXTURE**

**95% SUBMITTAL**

1		35%PS&E		08/04/15
2		65%PS&E		04/21/16
3		95%PS&E		05/03/17
4		95%PS&E		10/25/17
REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE

APPROVED BY:

**Kimley»Horn**

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ROBERT BOMBARDIER RLA 2464

xx/xx/xx DATE

REVIEWED BY:

CHARMAINE YAMBEO 8/4/15 DATE  
ASSOCIATE CIVIL ENGINEER

APPROVED BY:

RAMIRO ADEVA 8/4/15 DATE  
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

CITY OF AGOURA HILLS

PREPARED BY:

**L. Newman Design Group, Inc.**

Landscaping Architecture  
Planning  
Horticulture  
Biological Restoration

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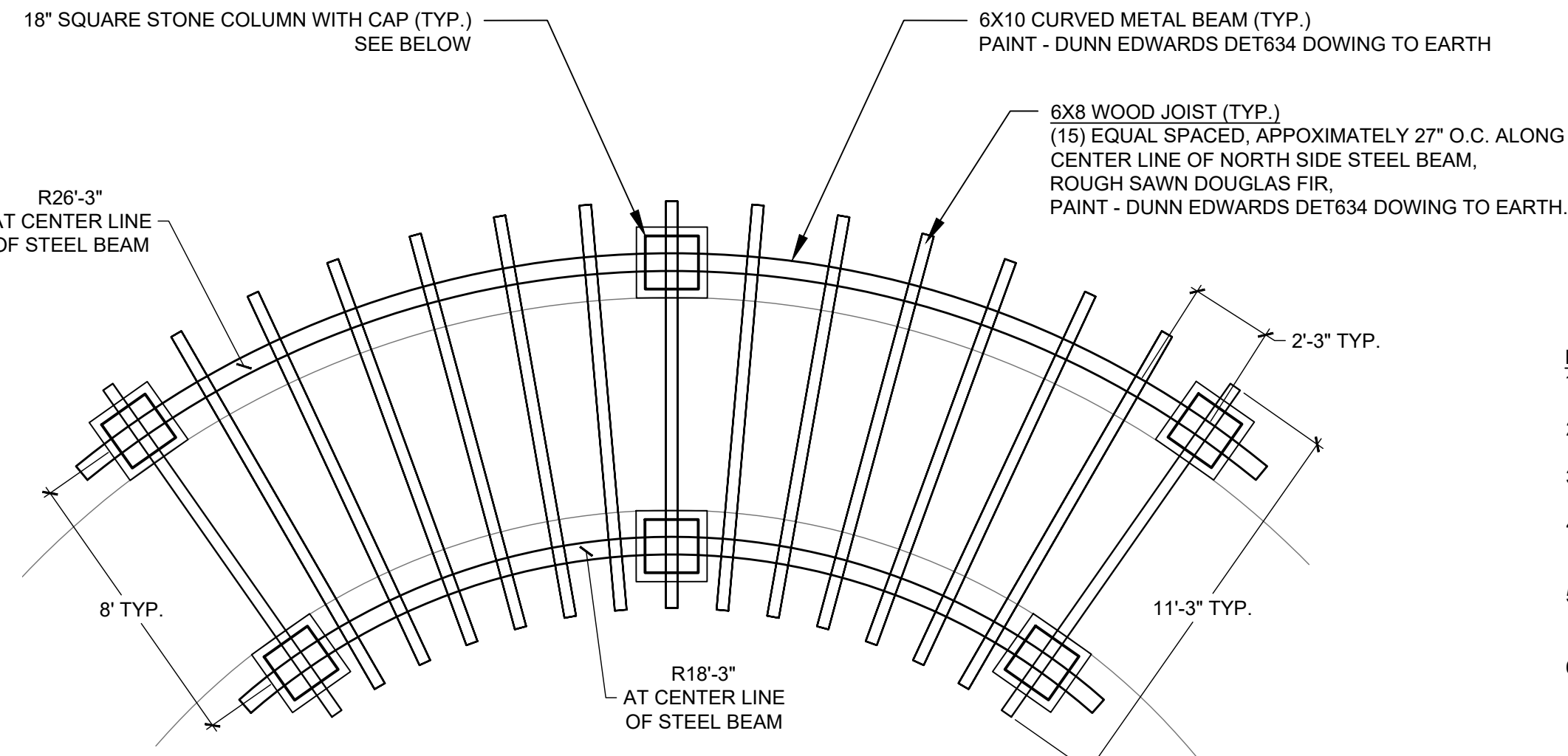
KANAN ROAD/AGOURA ROAD  
ULTIMATE INTERSECTION IMPROVEMENTS

CONSTRUCTION DETAILS CD-1

DESIGNED BY: BB DRAWN BY: RK CHECKED BY: XX KHA JOB NUMBER: 099083026

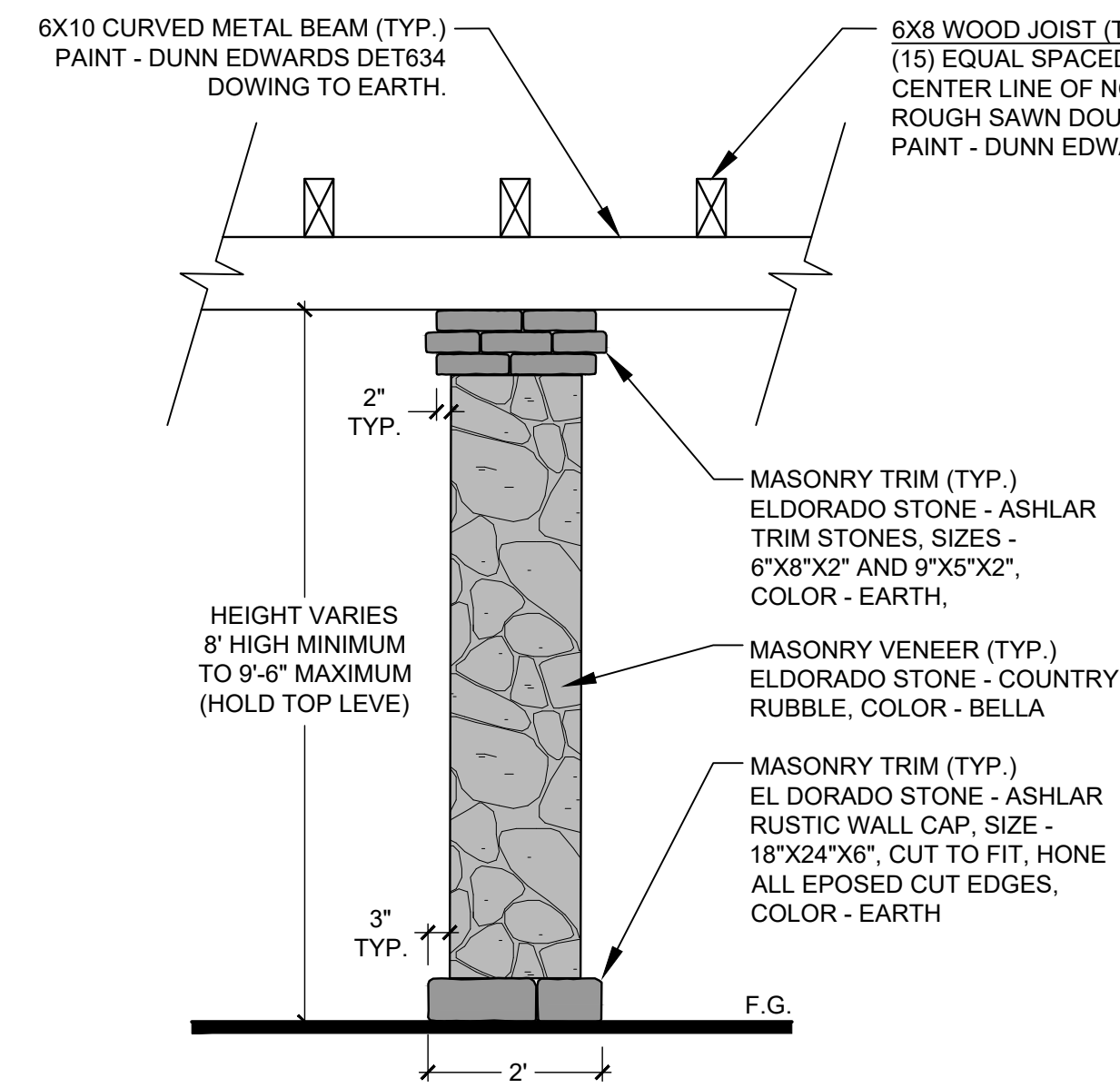
SHEET 38 OF 42



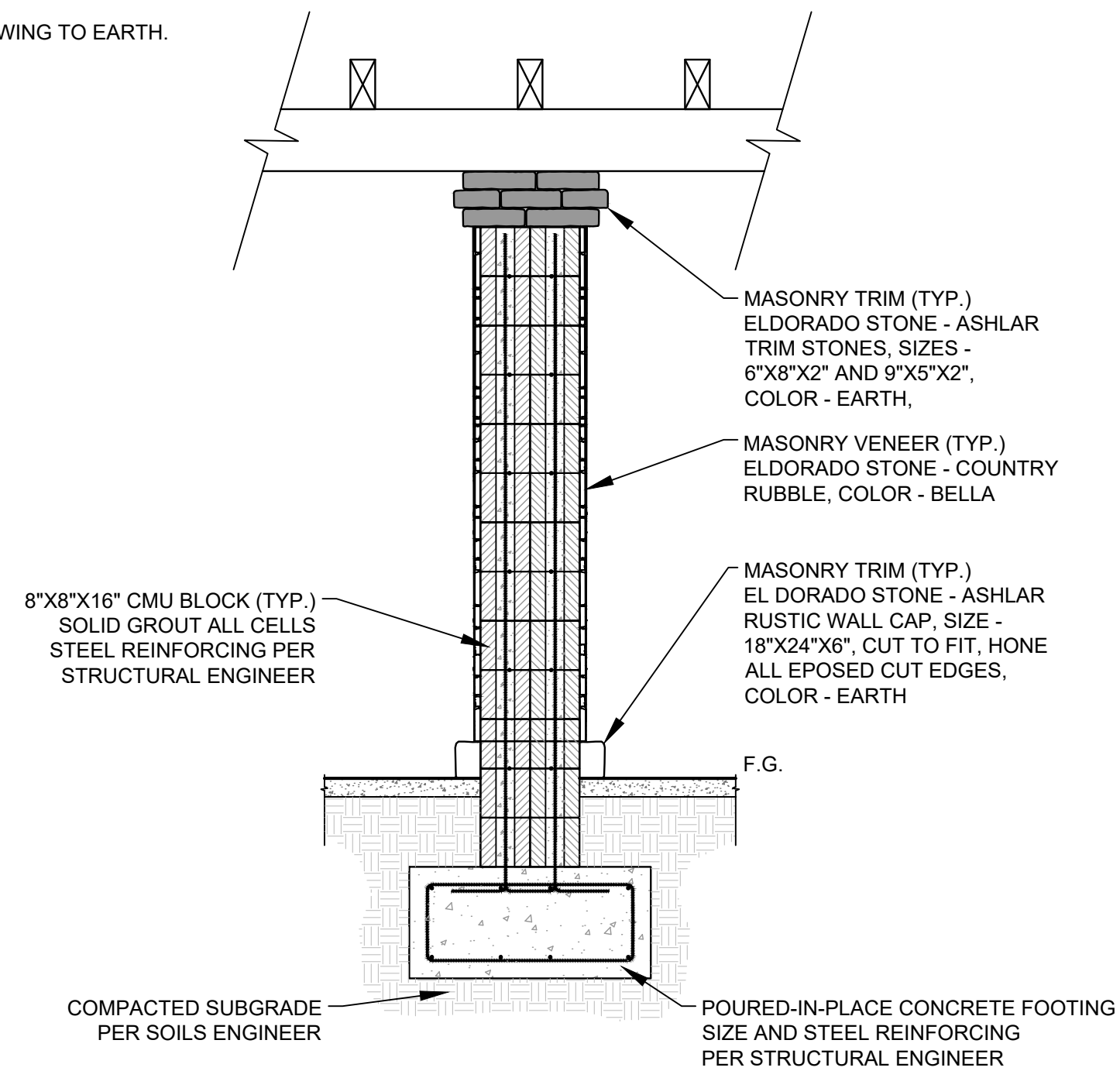


PLAN SCALE: 1/4"=1'-0"

- NOTES
1. CONTRACTOR TO PROVIDE ELECTRICAL CONDUIT FOR LIGHTING TOP OF PILASTERS.
  2. ALL CONNECTIONS OF STEEL AND WOOD TRELLIS MEMBERS PER STRUCTURAL ENGINEER.
  3. PILASTER REINFORCING AND POURED-IN-PLACE CONCRETE FOOTING PER STRUCTURAL ENGINEER.
  4. ALL WOOD TRELLIS MEMBERS TO BE PRIMED AND PAINTED - DUNN EDWARDS DET634 DOWING TO EARTH.
  5. ALL STEEL TRELLIS MEMBERS SHALL BE PRIMED AND PAINTED - DUNN EDWARDS DET634 DOWING TO EARTH.
  6. ALL STEEL CONNECTORS TO BE HEAVY DUTY HAMMERED FINISH.



ELEVATION SCALE: 1/2"=1'-0"



SECTION SCALE: 1/2"=1'-0"

**A OVERHEAD TRELLIS W/ STONE COLUMNS**

**95% SUBMITTAL**

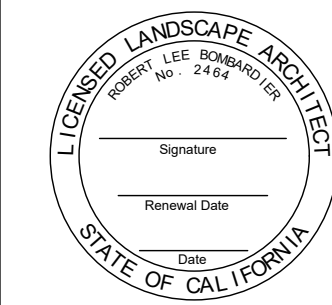
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3		95%PS&E		05/03/17
4		95%PS&E		10/25/17
REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE

APPROVED BY:

**Kimley»Horn**

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Tel (213) 261-4040

ROBERT BOMBARDIER RLA 2464 xx/xx/xx DATE



REVIEWED BY:

CHARMAINE YAMBABO 8/4/15 DATE  
ASSOCIATE CIVIL ENGINEER

APPROVED BY:

RAMIRO ADEVA 8/4/15 DATE  
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER



PREPARED BY:

**L. Newman Design Group, Inc.**

- Landscape Architecture
- Planning
- Horticulture
- Biological Restoration

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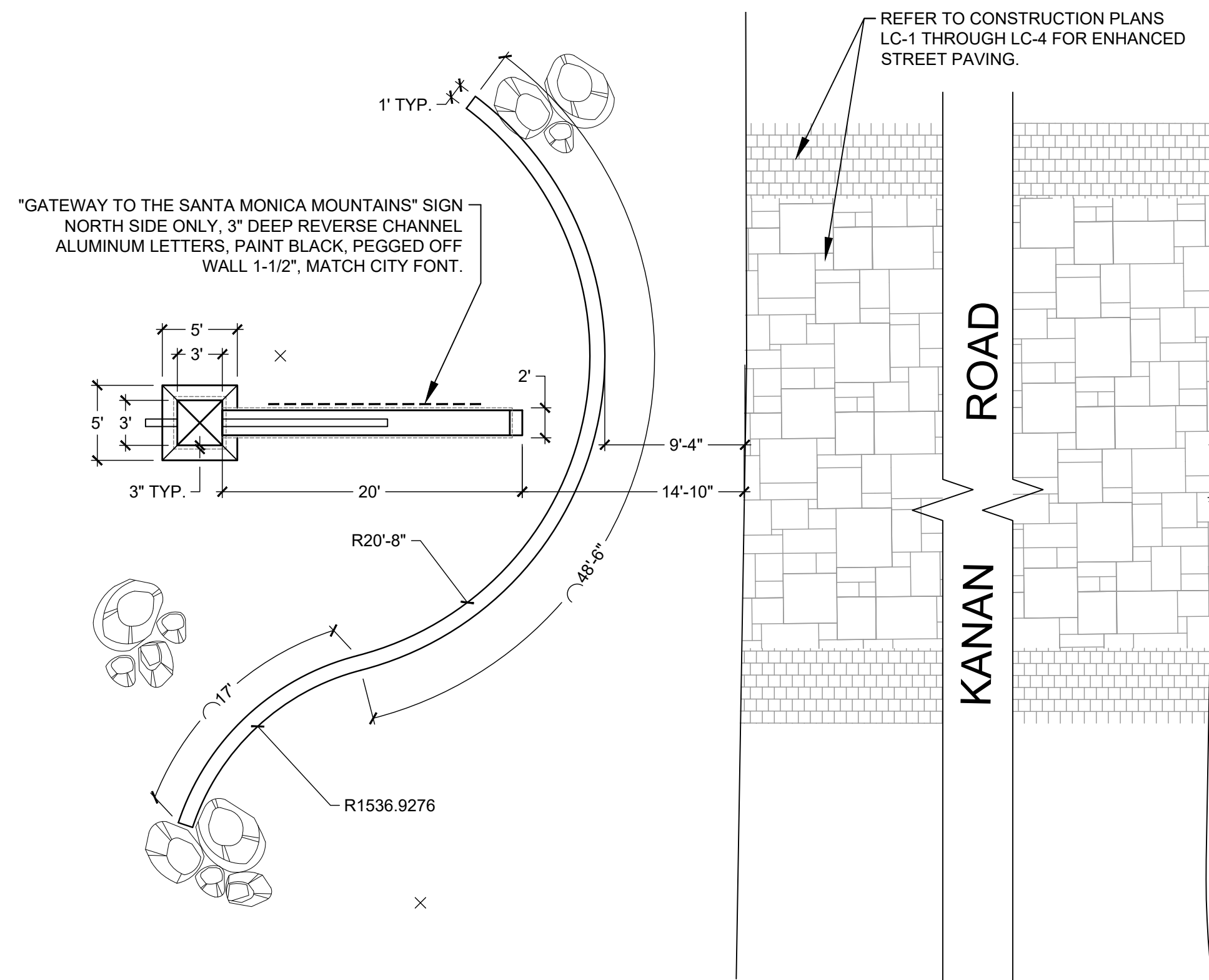
KANAN ROAD/AGOURA ROAD  
ULTIMATE INTERSECTION IMPROVEMENTS

CONSTRUCTION DETAILS CD-2

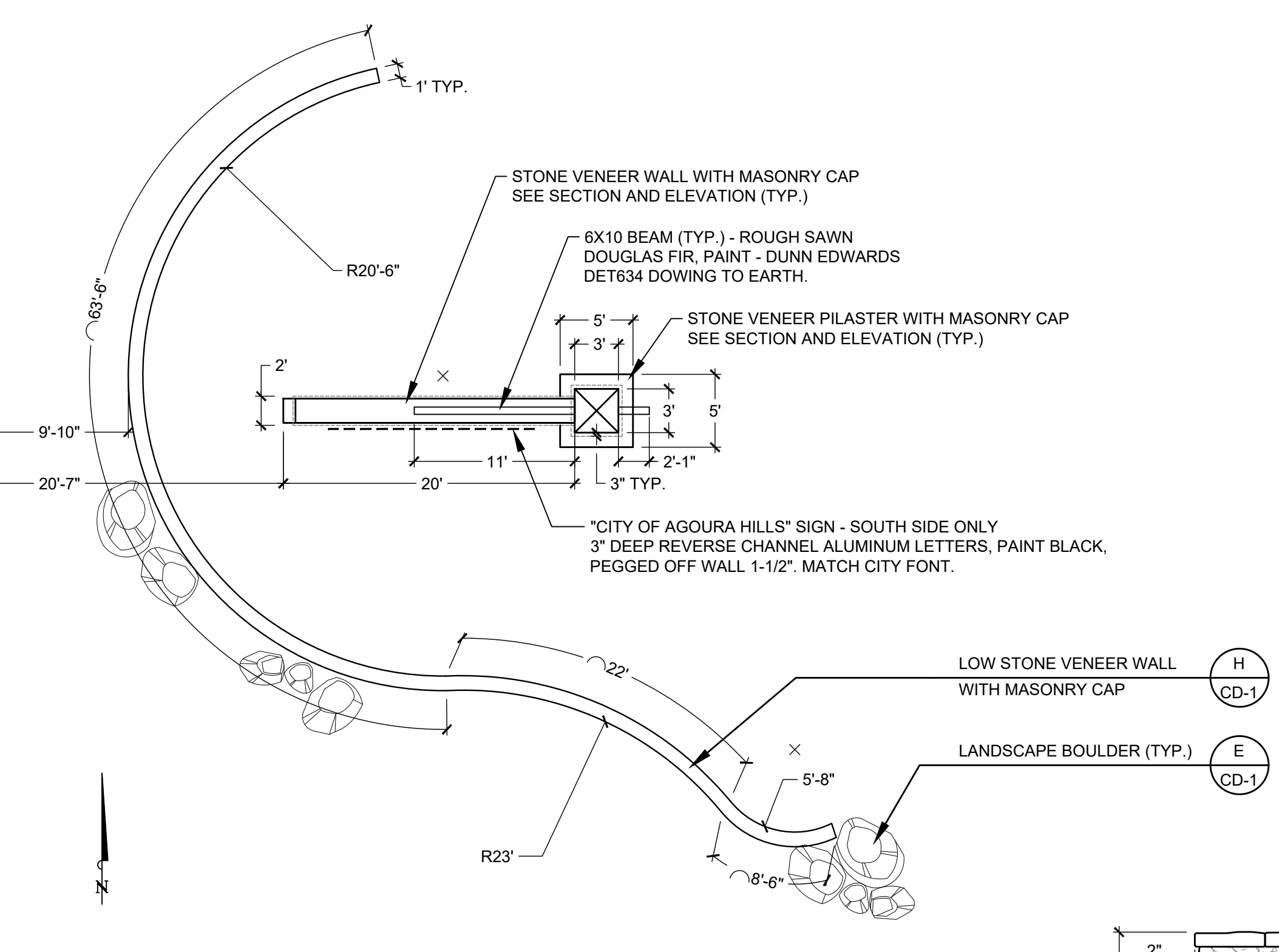
DESIGNED BY: BB DRAWN BY: RK CHECKED BY: XX KHA JOB NUMBER: 099083026

SHEET 39 OF 42





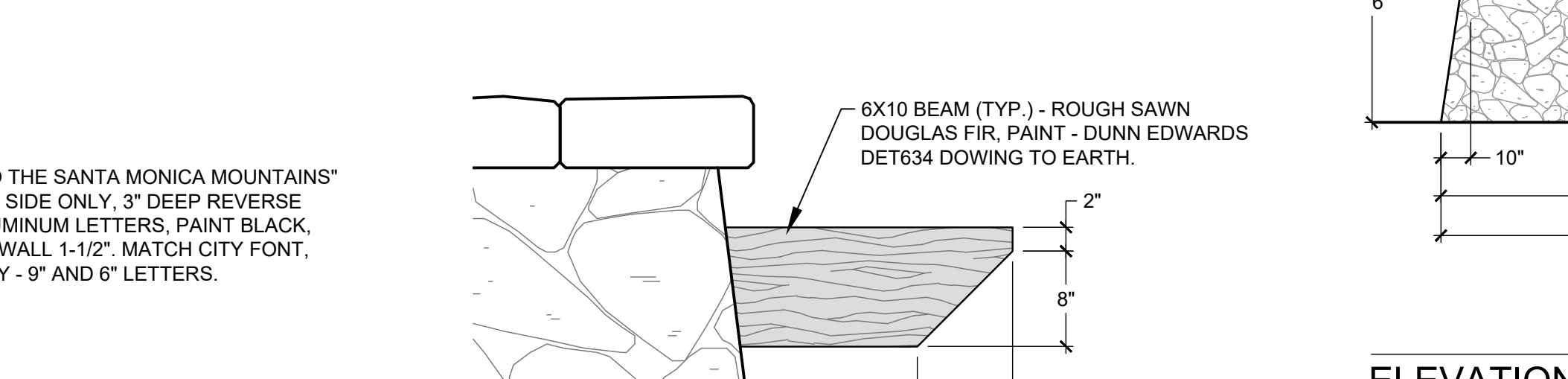
ENTRY MONUMENT PLAN VIEW



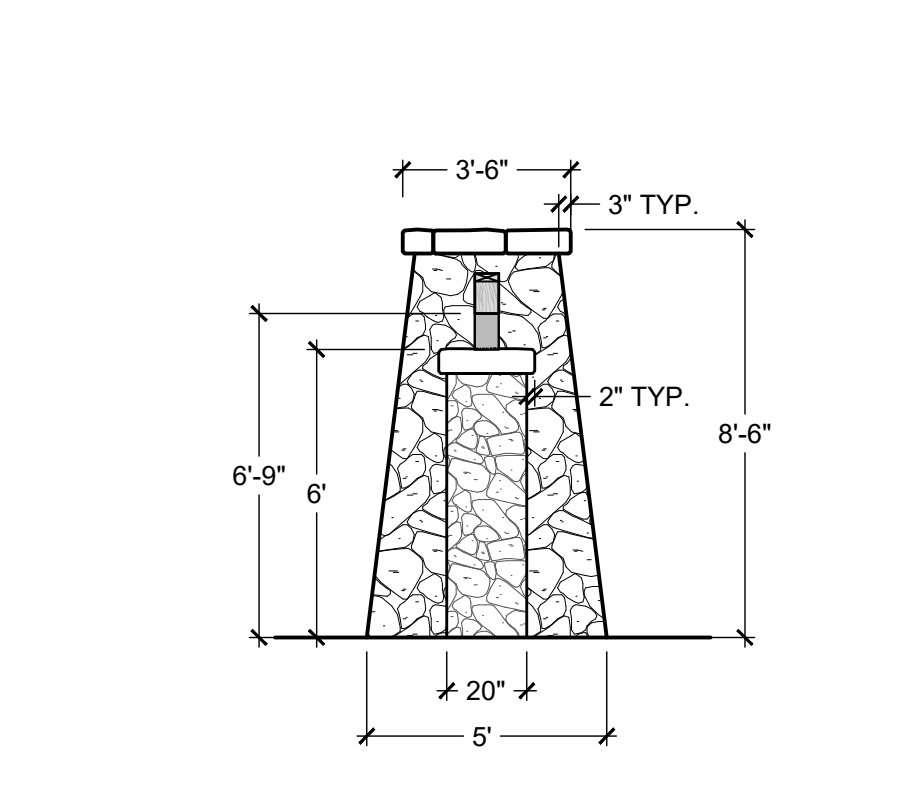
ELEVATION - WEST SIDE (NORTH FACE)



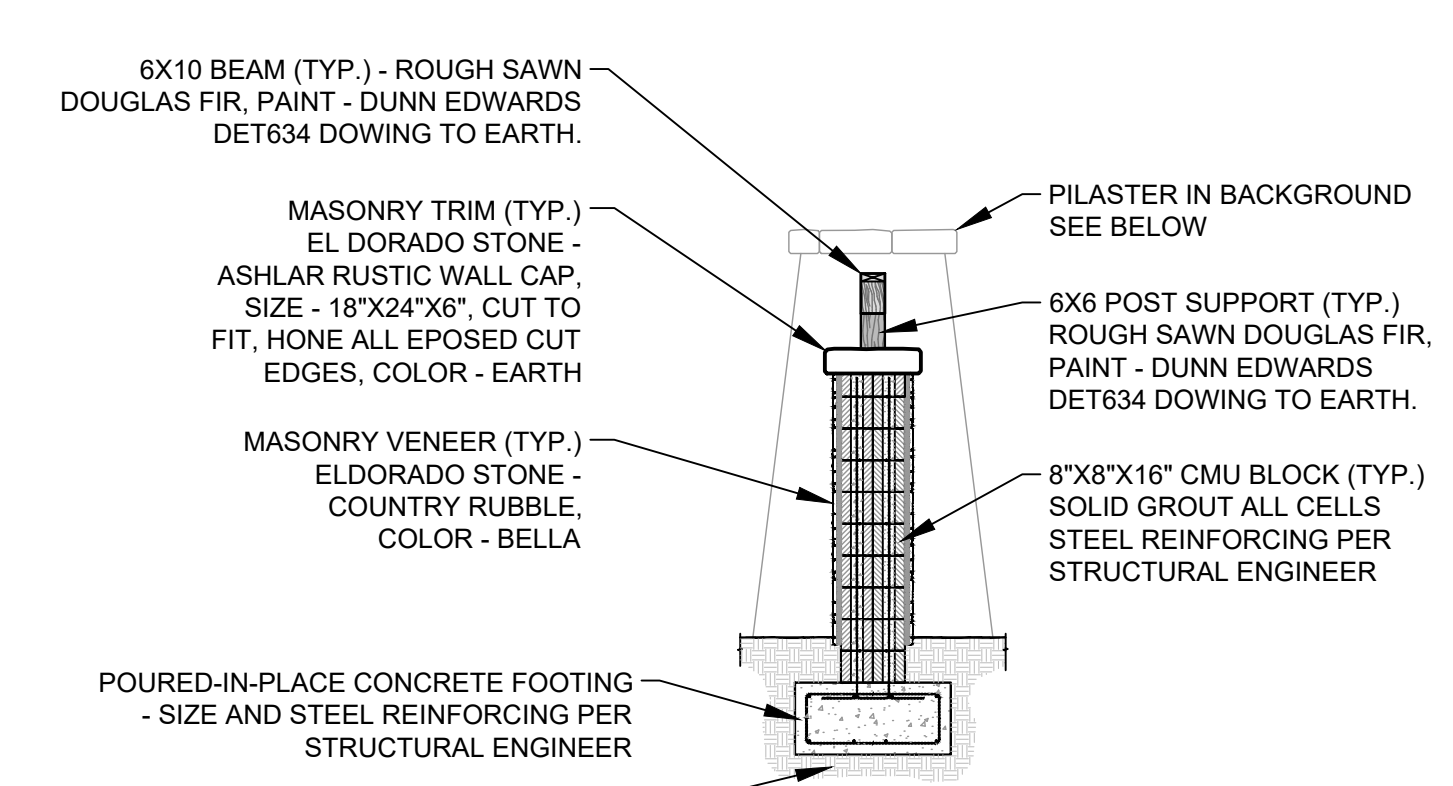
ELEVATION - WEST SIDE (SOUTH FACE)



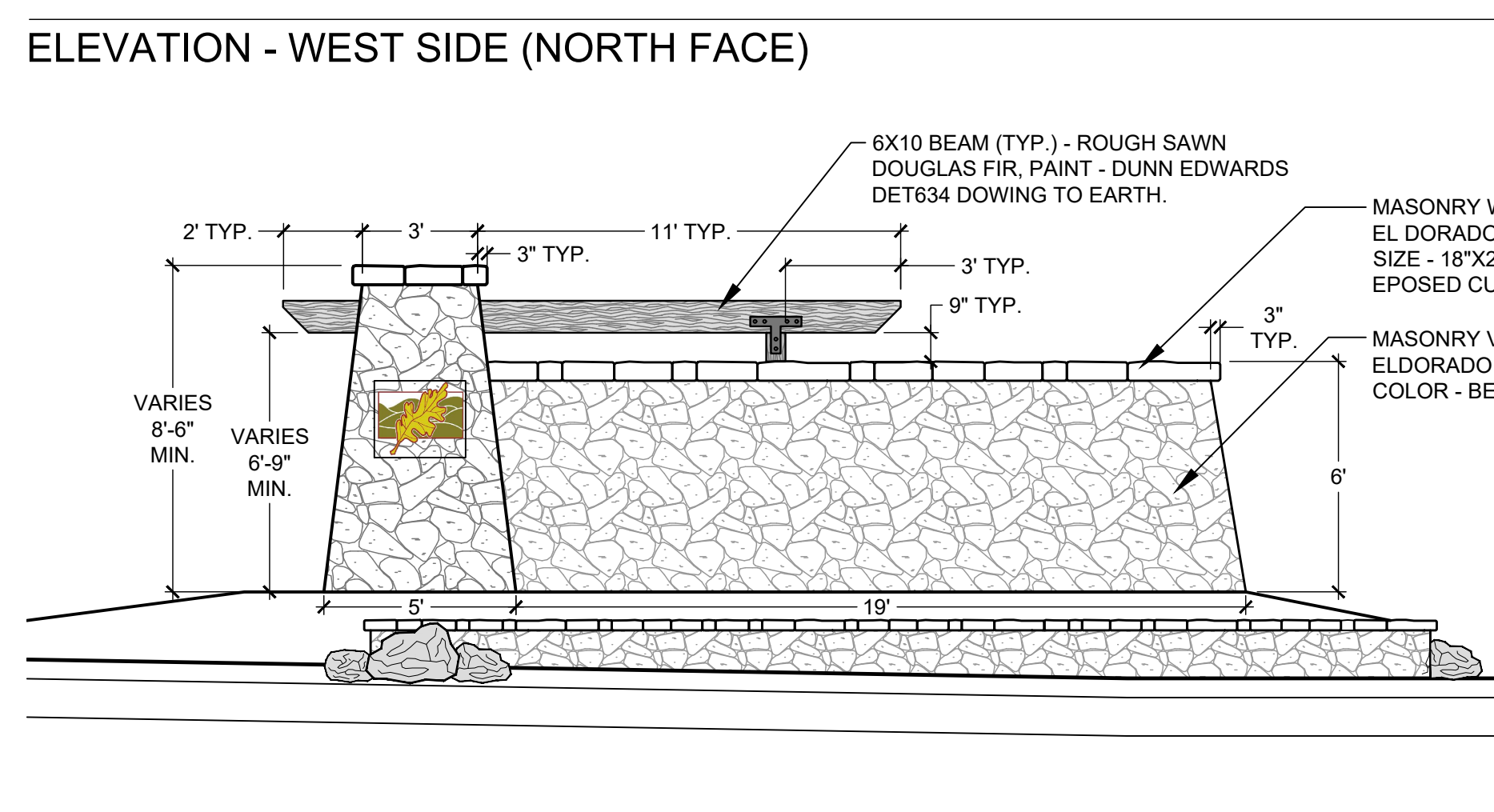
ELEVATION - EAST SIDE (SOUTH FACE)



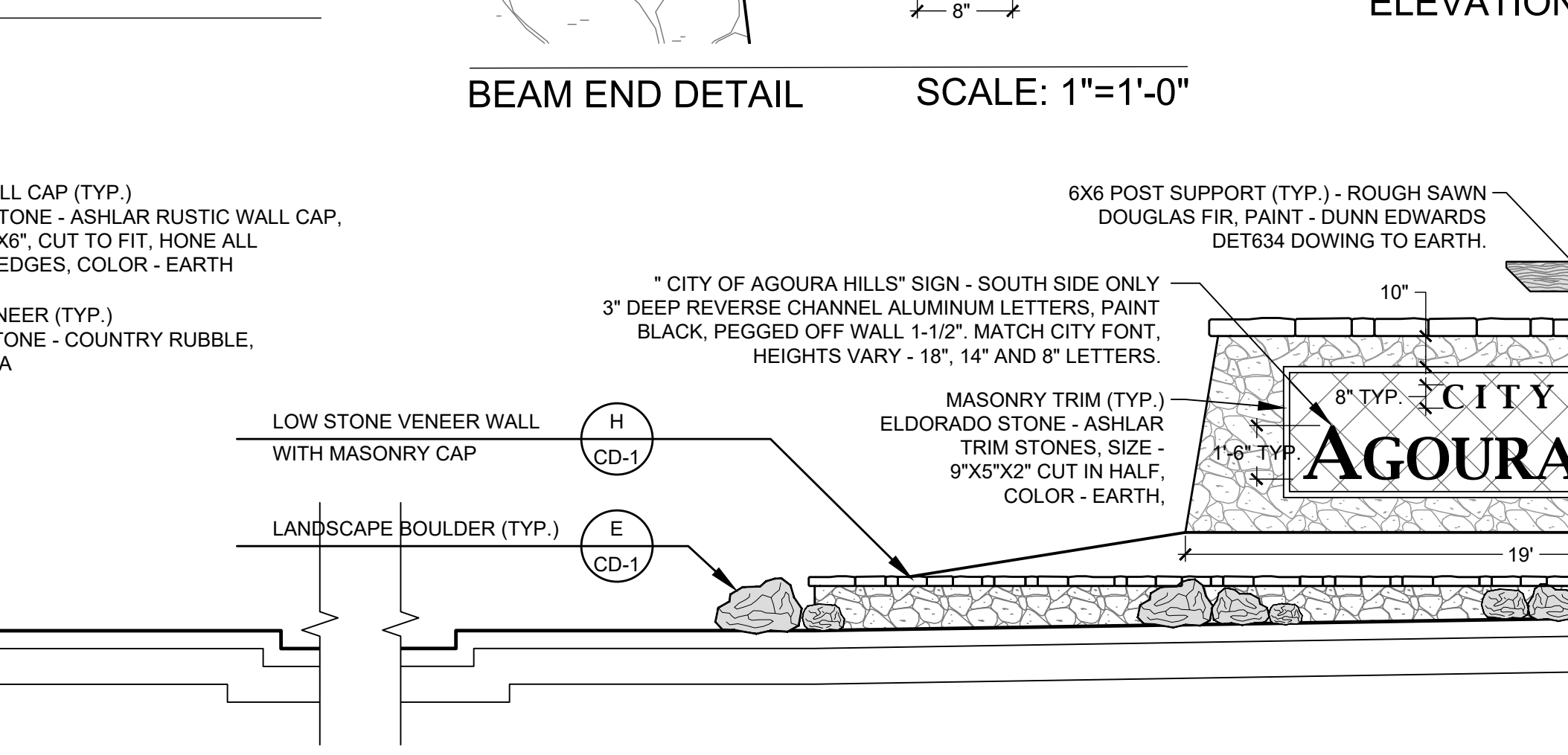
ELEVATION SCALE: 1/4"=1'-0"



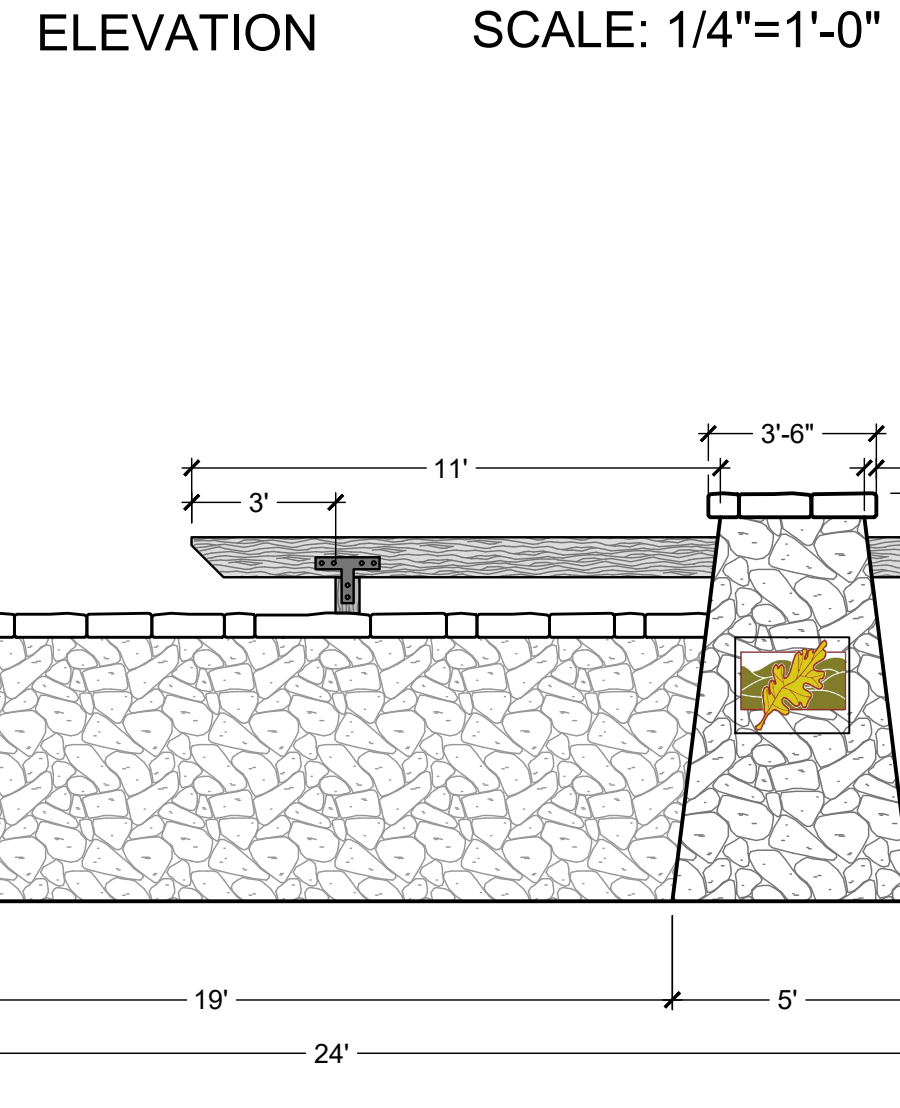
WALL SECTION SCALE: 1/4"=1'-0"



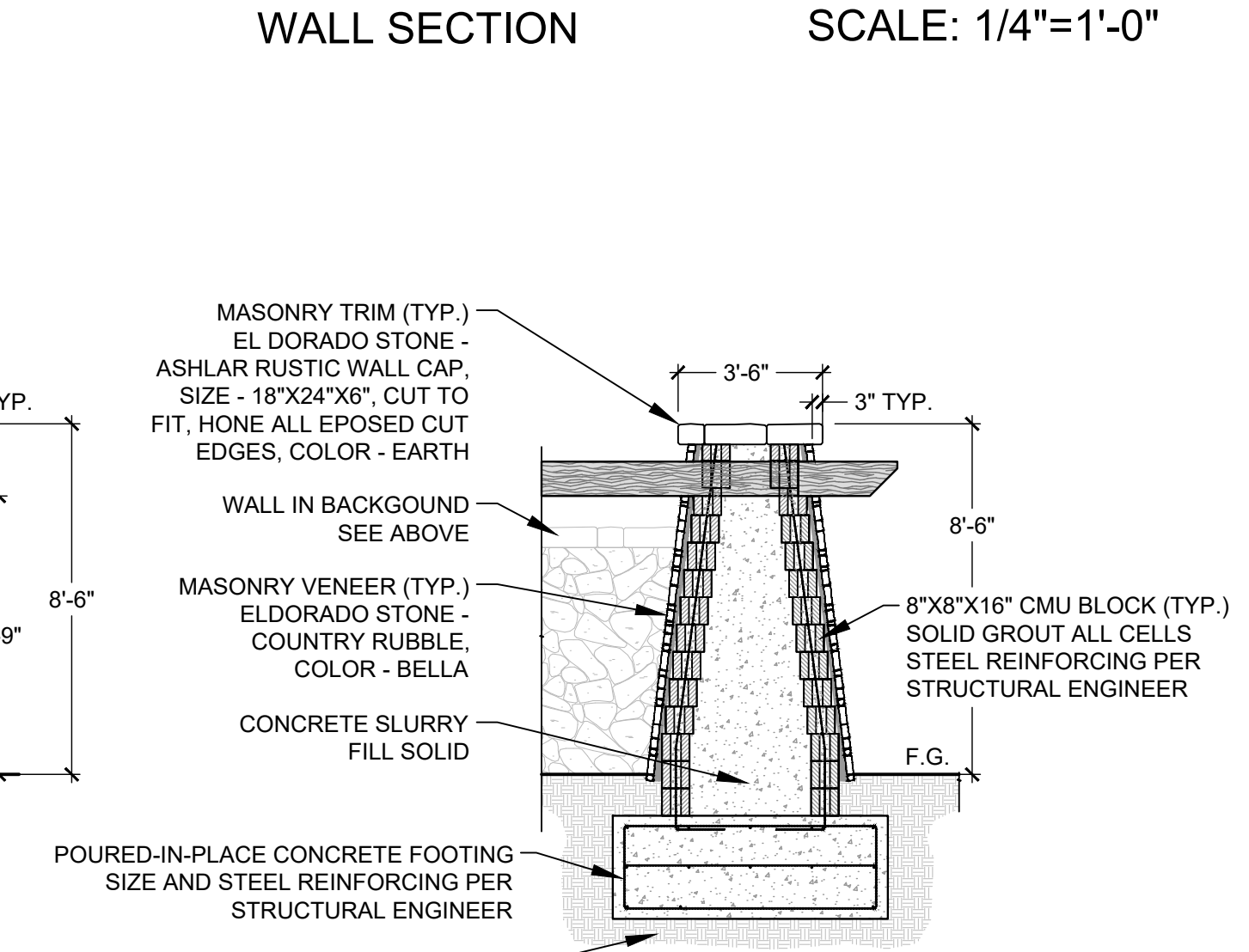
ELEVATION - WEST SIDE (SOUTH FACE)



ELEVATION - EAST SIDE (SOUTH FACE)



ELEVATION SCALE: 1/4"=1'-0"



PILASTER SECTION SCALE: 1/4"=1'-0"

- NOTES
1. ALL CONNECTIONS OF WOOD BEAM AND POST MEMBERS PER STRUCTURAL ENGINEER.
  2. PLASTER AND WALL REINFORCING AND POURED-IN-PLACE CONCRETE FOOTING PER STRUCTURAL ENGINEER.
  3. ALL WOOD MEMBERS TO BE PRIMED AND PAINTED - DUNN EDWARDS DET634 DOWING TO EARTH.
  4. ALL STEEL CONNECTORS TO BE HEAVY DUTY HAMMERED FINISH.

**A ENTRY MONUMENT STRUCTURE**

**95% SUBMITTAL**

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
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2		65%PS&E		04/21/16
3		95%PS&E		05/03/17
4		95%PS&E		10/25/17

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ROBERT BOMBARDIER RLA 2464

REVIEWED BY:

CHARMAINE YAMBAO 8/4/15  
ASSOCIATE CIVIL ENGINEER DATE

APPROVED BY:

RAMIRO ADEVA 8/4/15  
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER DATE



PREPARED BY:

**L. Newman Design Group, Inc.**

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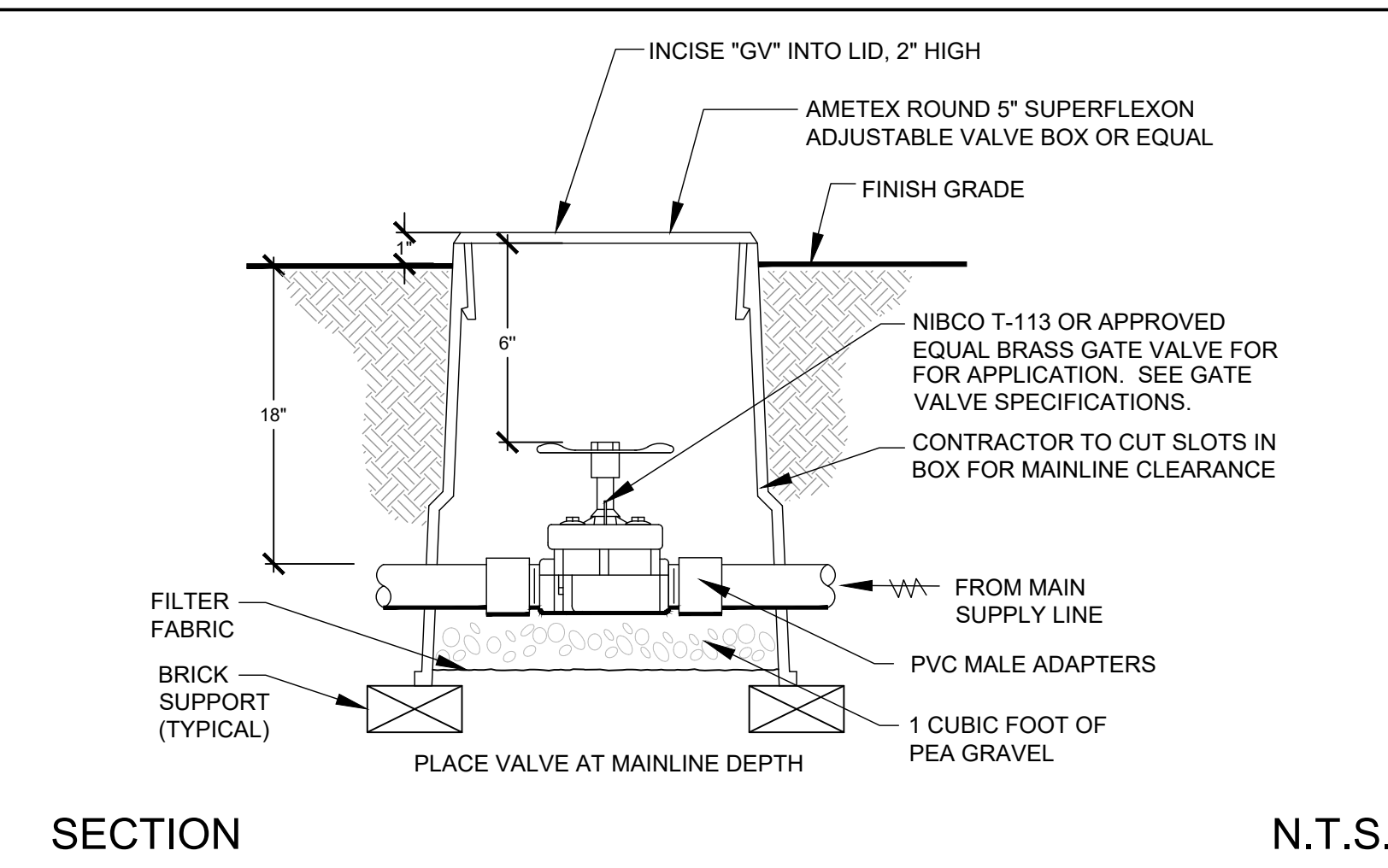
KANAN ROAD/AGOURA ROAD  
ULTIMATE INTERSECTION IMPROVEMENTS

CONSTRUCTION DETAILS CD-3

DESIGNED BY: BB  
DRAWN BY: RK  
CHECKED BY: XX  
KHA JOB NUMBER: 099083026

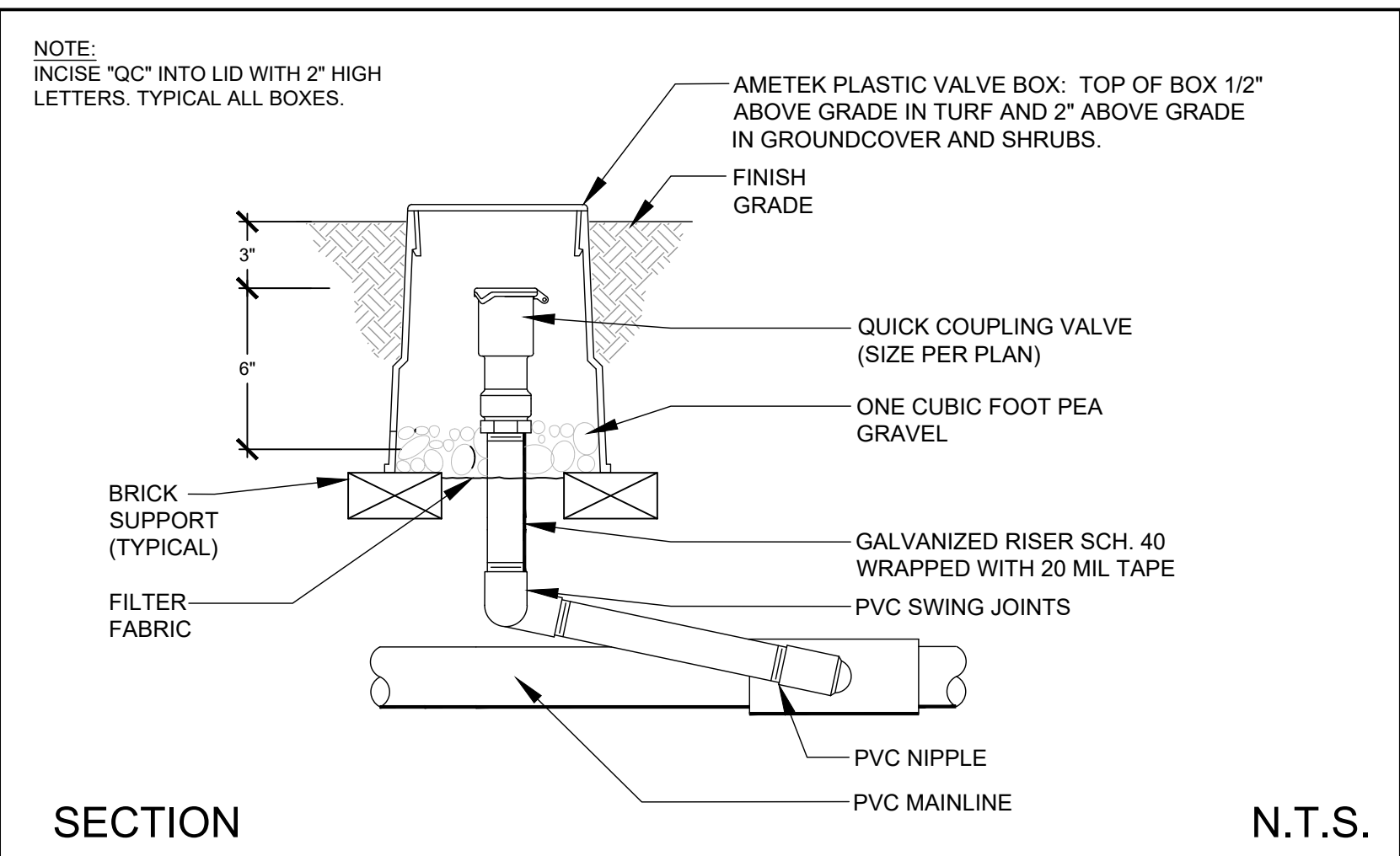
SHEET 40 OF 42





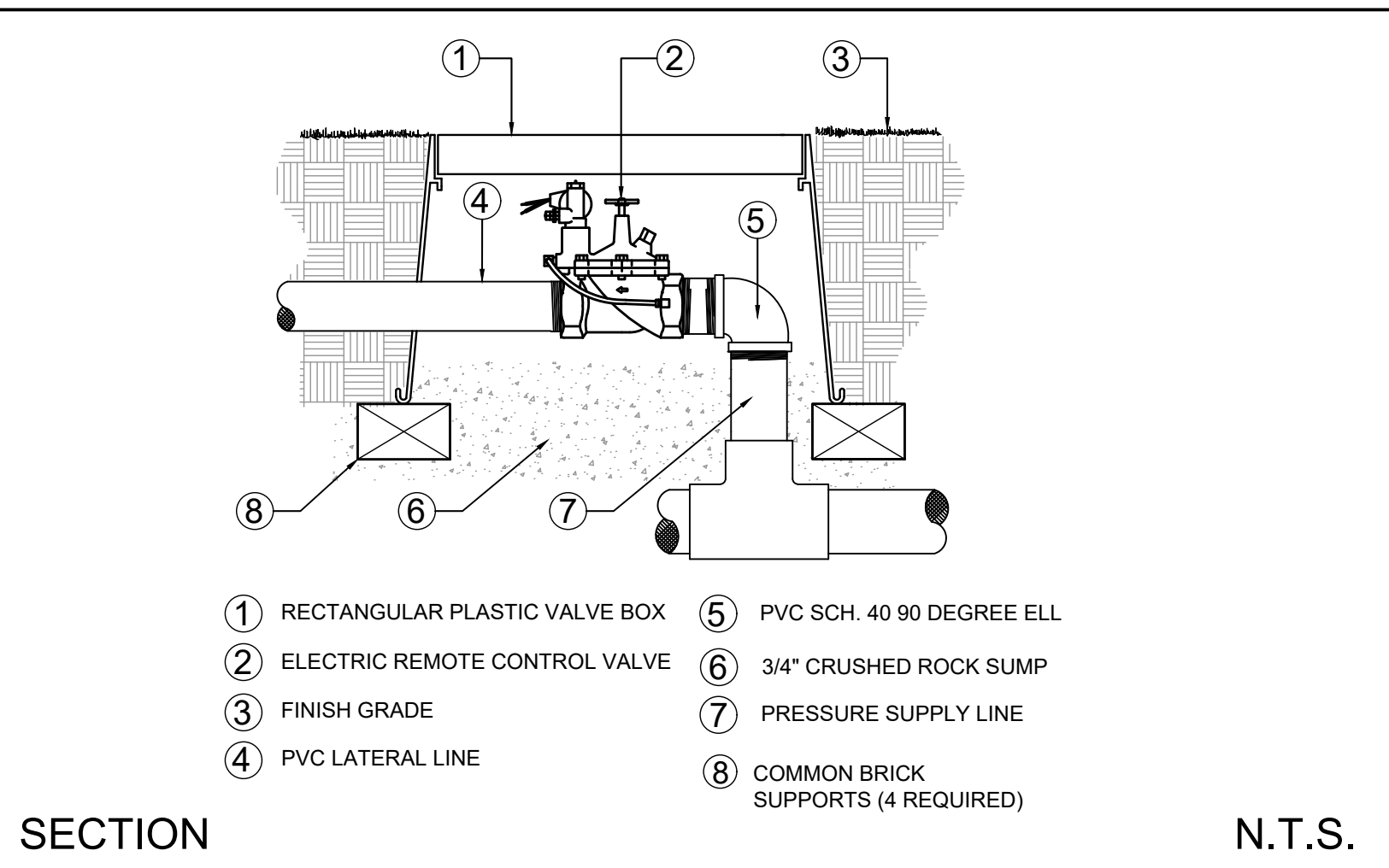
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**A GATE VALVE**



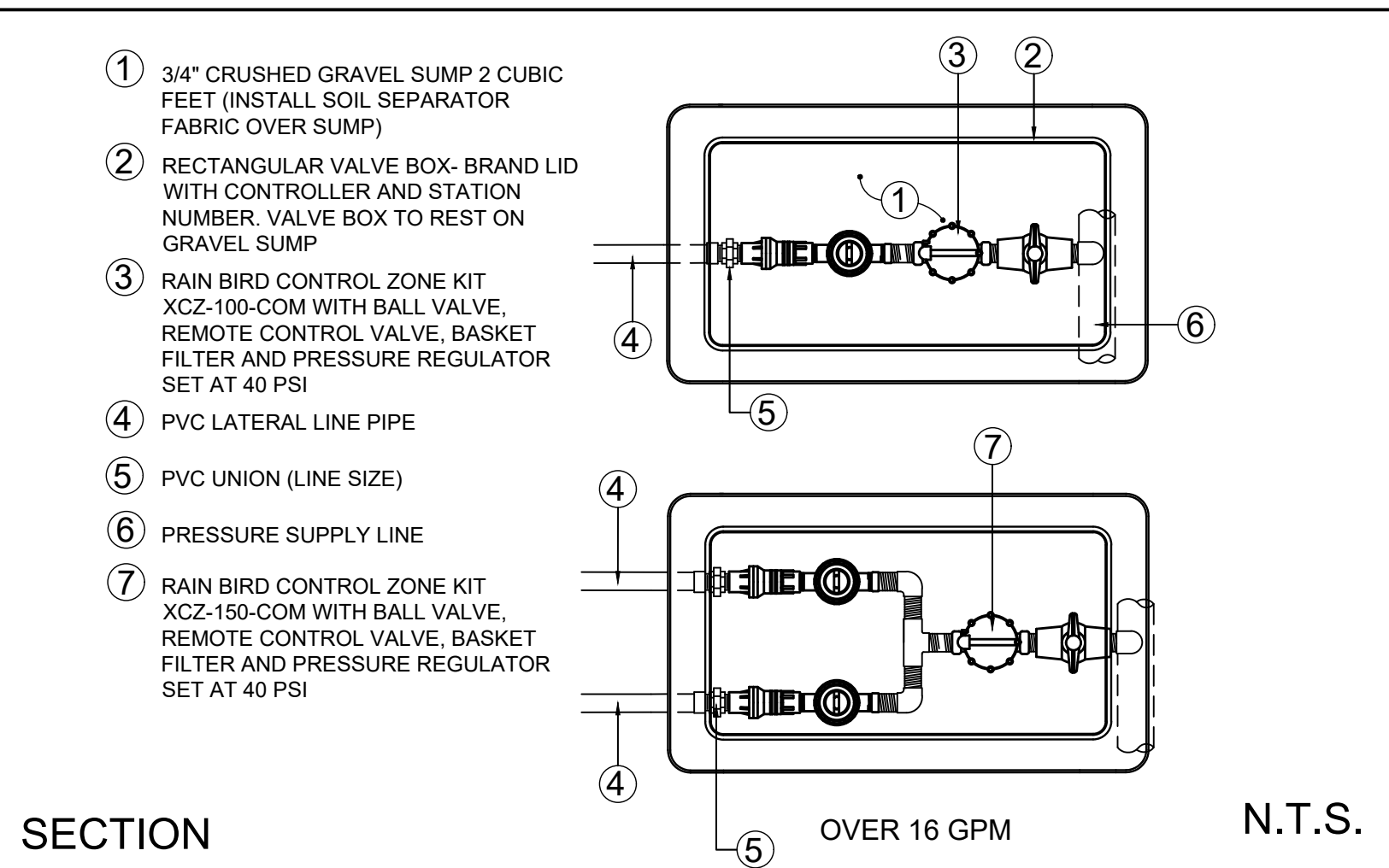
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**B QUICK COUPLER VALVE**



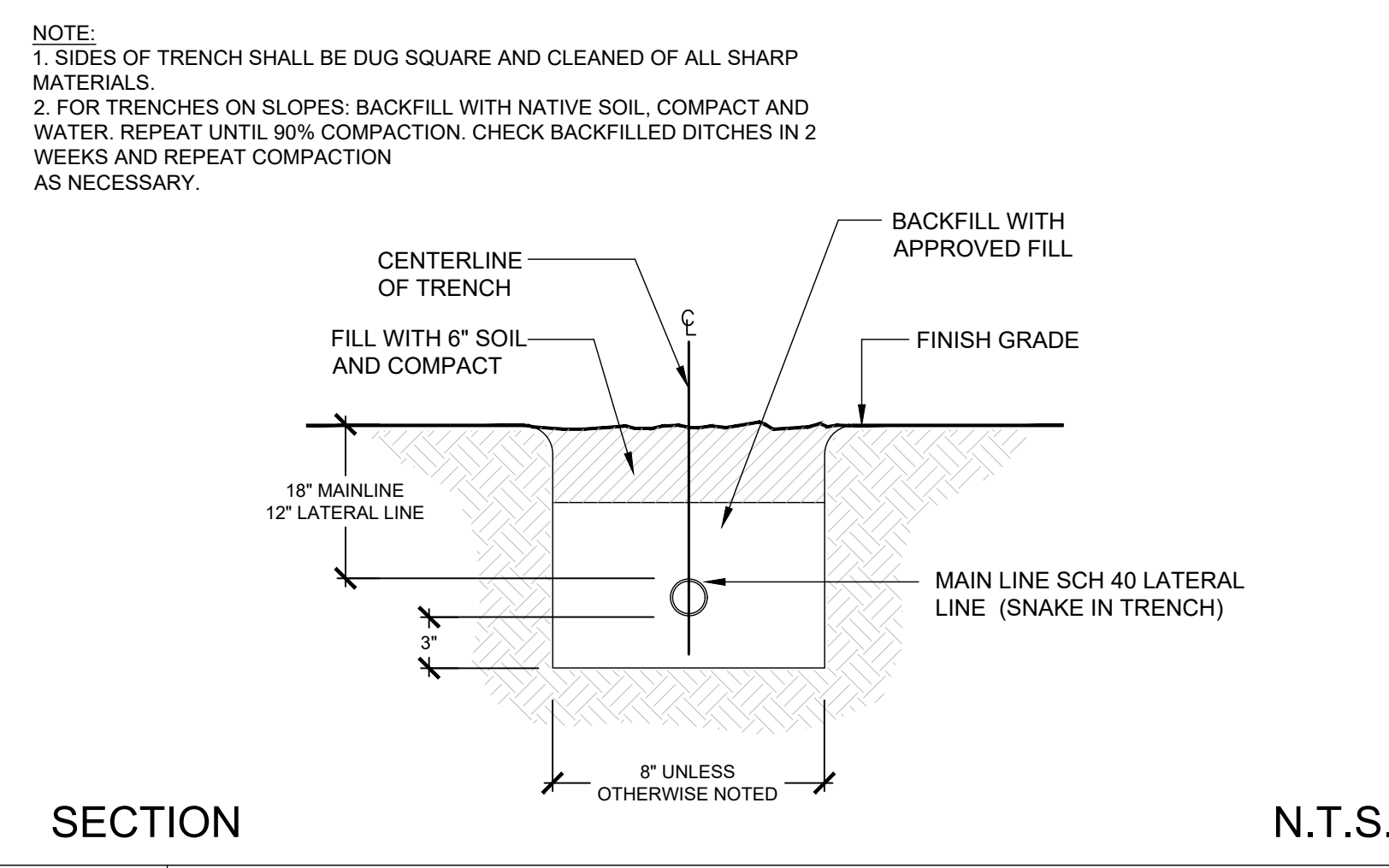
SECTION N.T.S.

**C REMOTE VALVE**



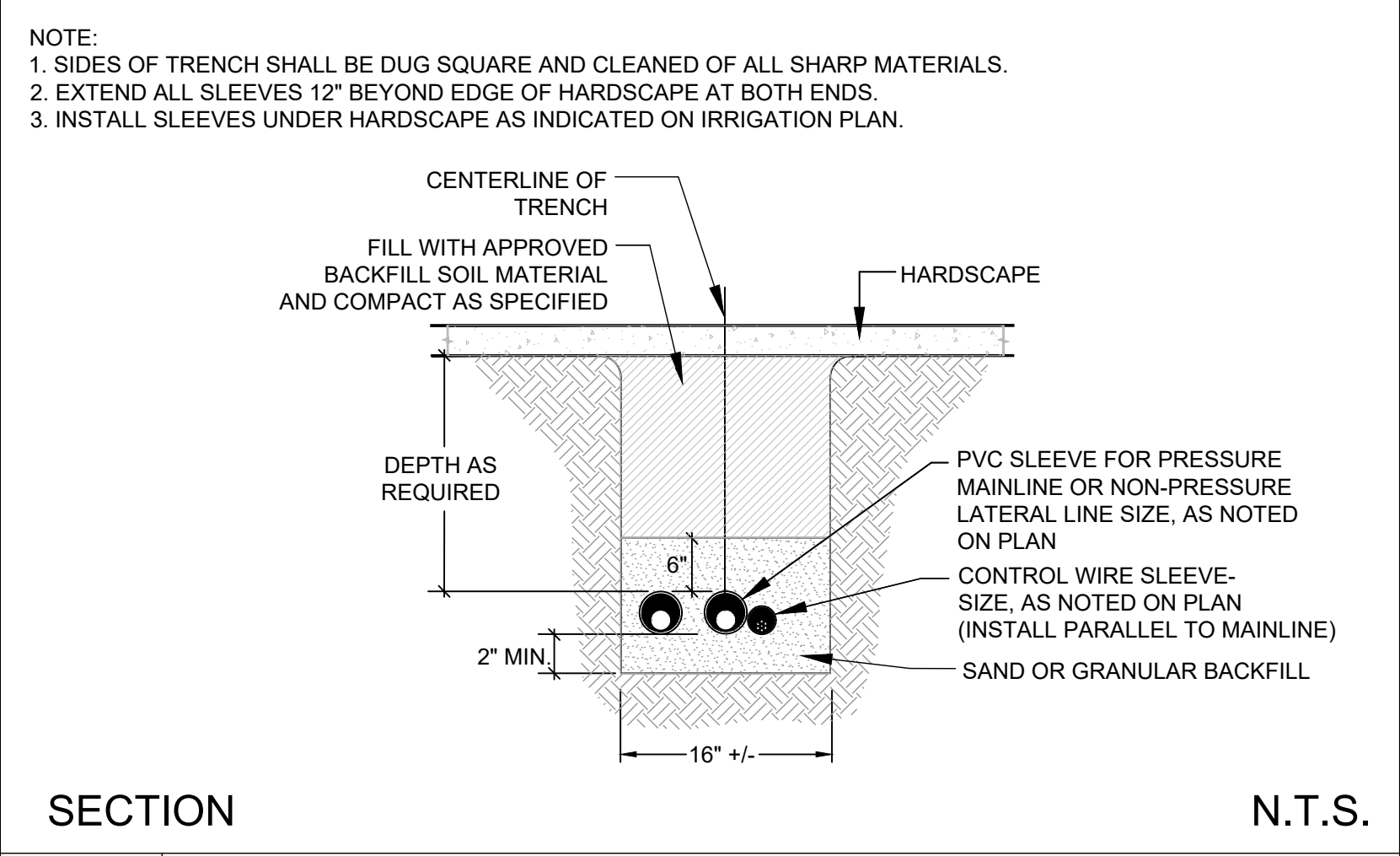
SECTION N.T.S.

**D 1" CONTROL ZONE KIT - DRIP COMMERCIAL W/BASKET FILTER**



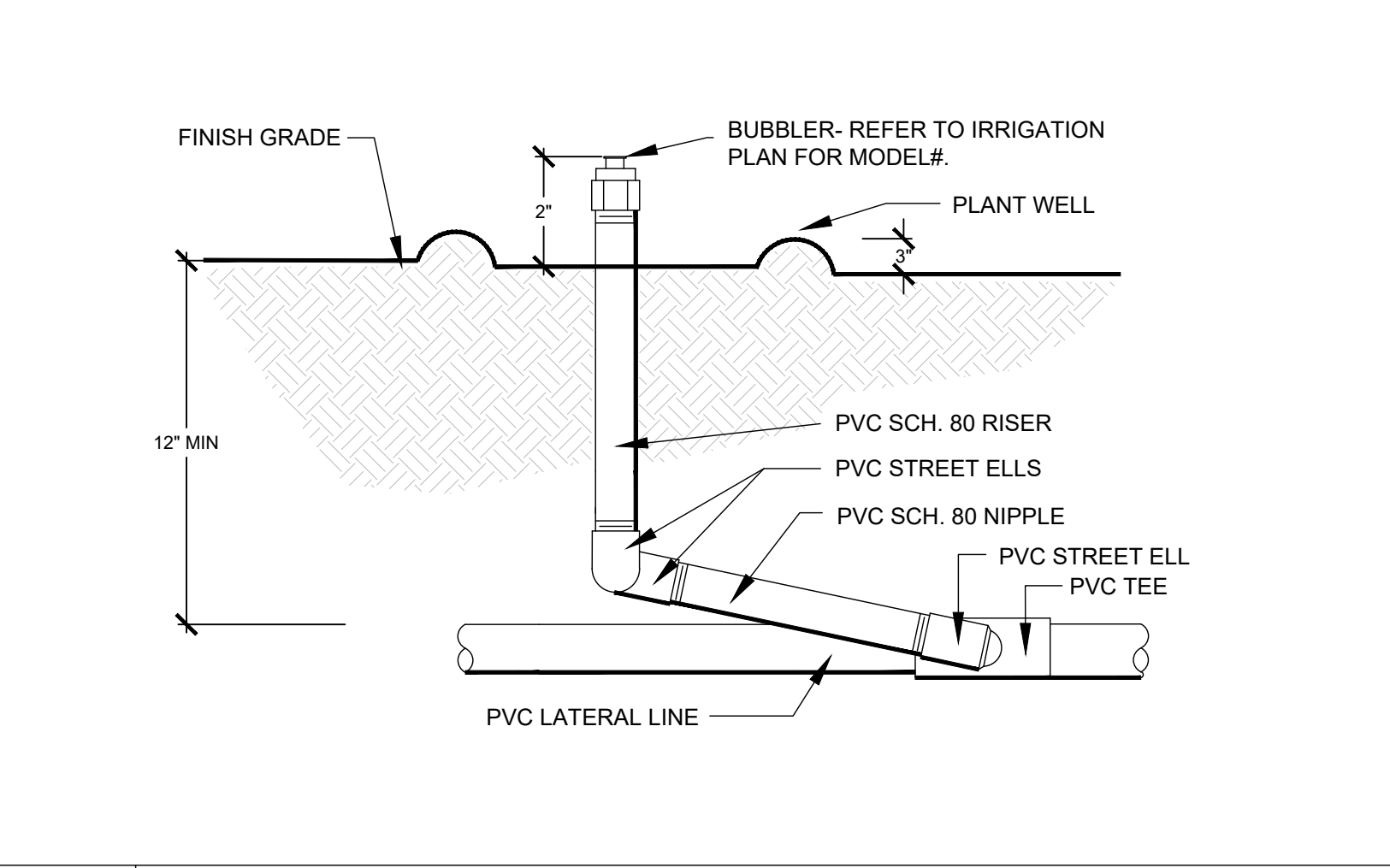
SECTION N.T.S.

**E TRENCHING LATERAL / MAINLINE**



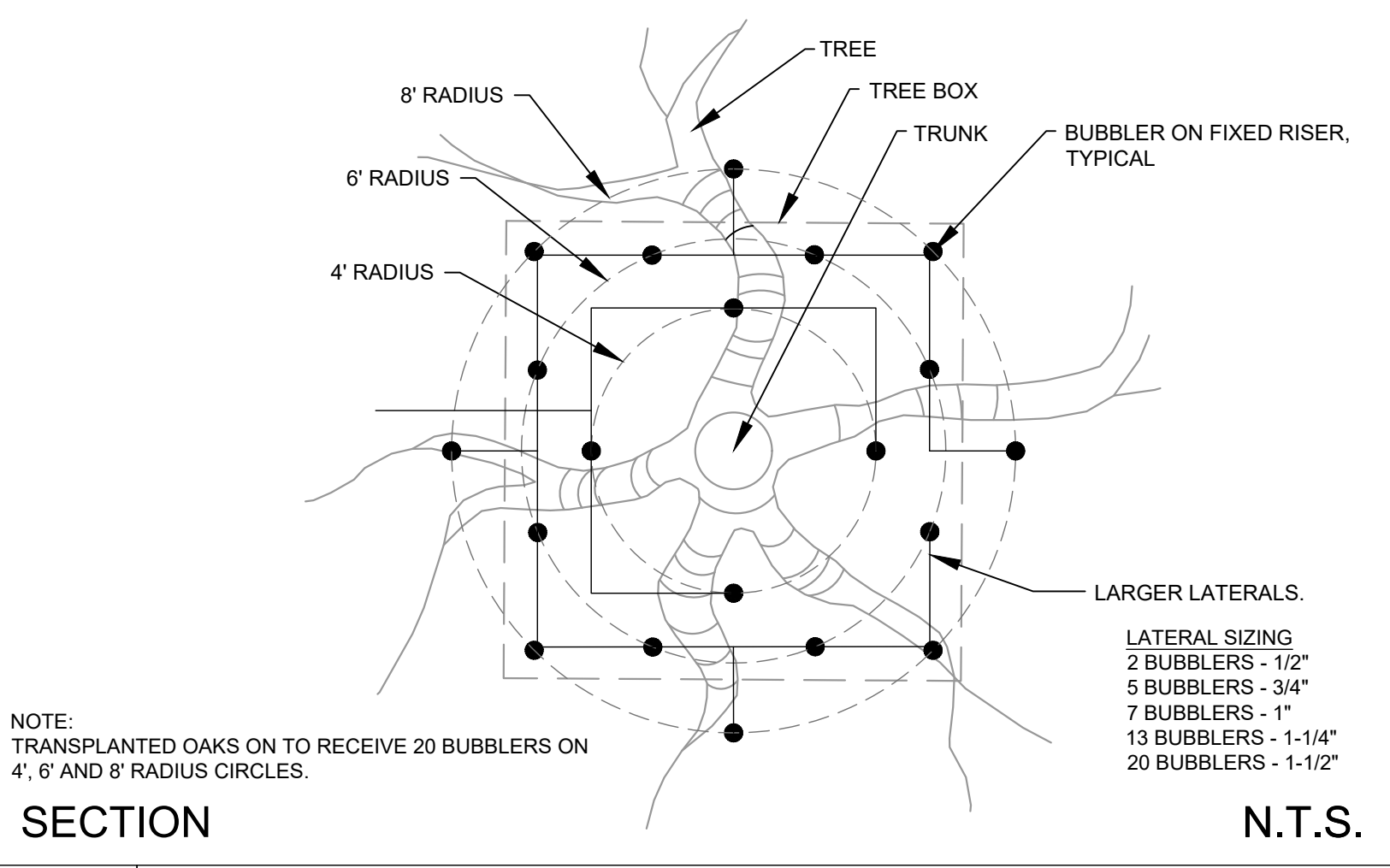
SECTION N.T.S.

**F SLEEVING MAINLINE, LATERAL & ELECTRICAL**



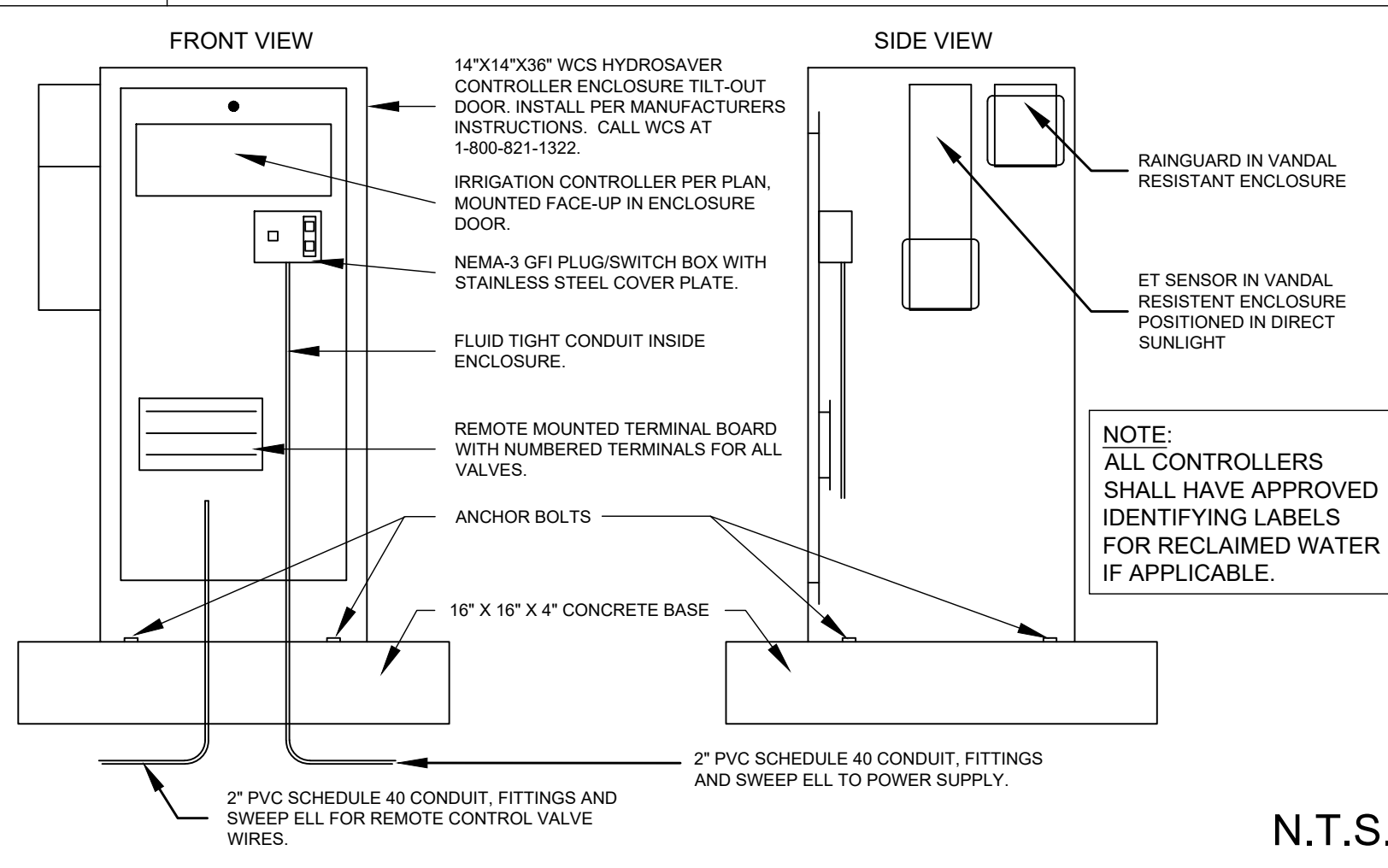
SECTION N.T.S.

**G BUBBLER**



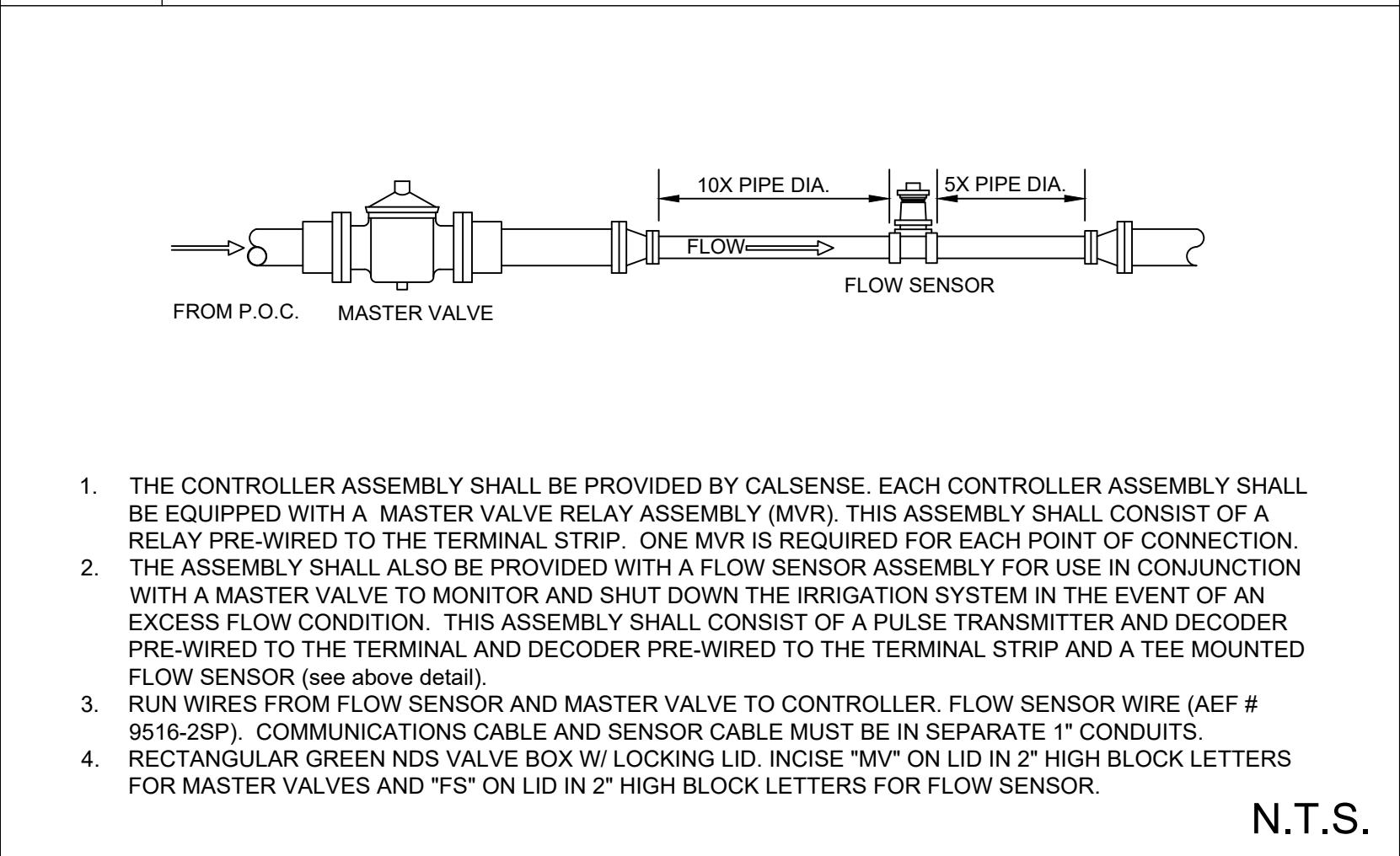
SECTION N.T.S.

**H SPECIMEN TREE**



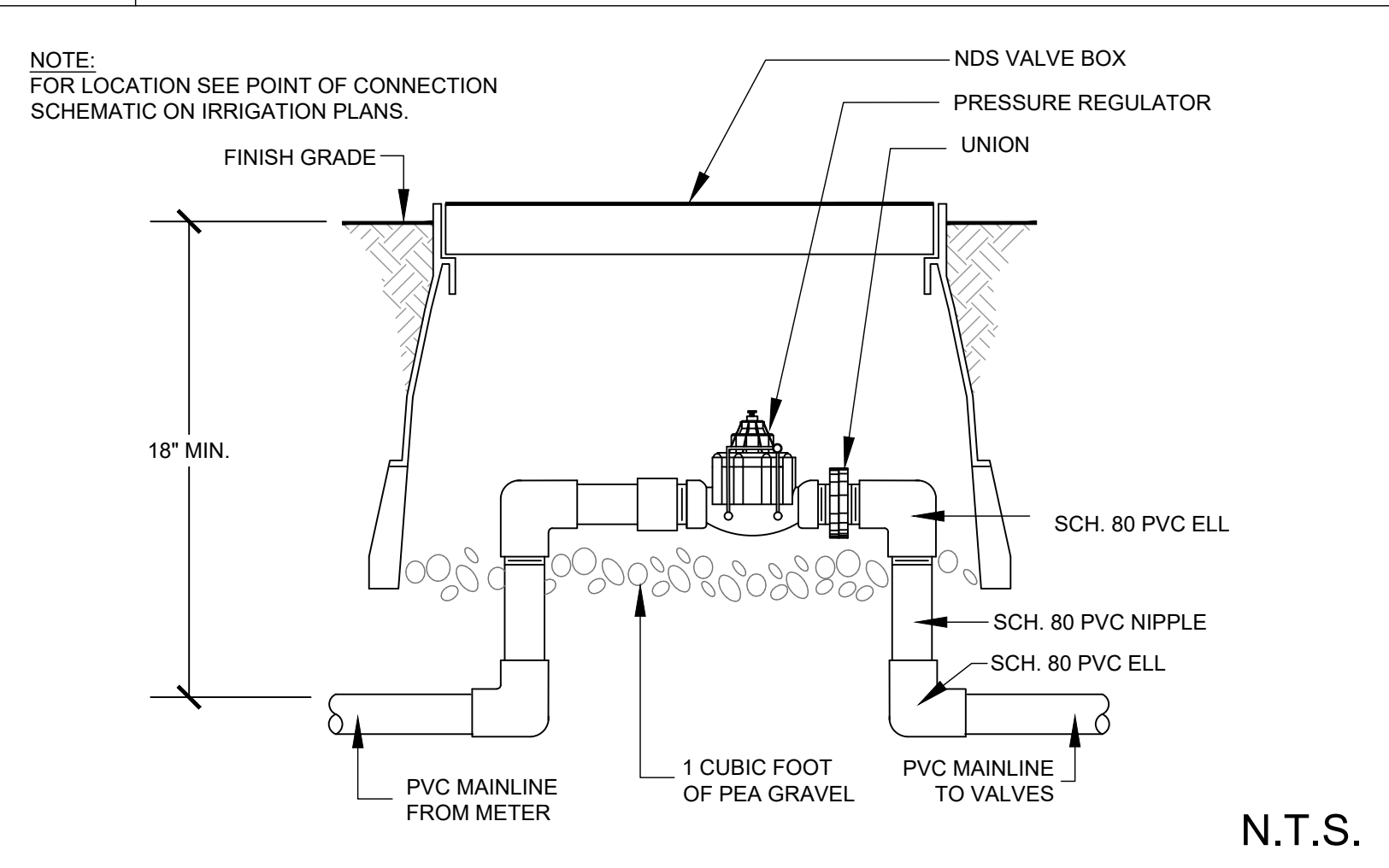
N.T.S.

**I PEDESTAL CONTROLLER (CORNELL AND KANAN INTERSECTIONS)**



N.T.S.

**J MASTER VALVE AND FLOW SENSOR**



N.T.S.

**K PRESSURE REGULATOR**

**95% SUBMITTAL**

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
1		35%PS&E		08/04/15
2		65%PS&E		04/21/16
3		95%PS&E		05/03/17
4		95%PS&E		10/25/17

APPROVED BY:

**Kimley»Horn**

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Tel (213) 261-4040

ROBERT BOMBARDIER RLA 2464

REVIEWED BY:

CHARMAINE YAMBAO 8/4/15  
ASSOCIATE CIVIL ENGINEER DATE

APPROVED BY:

RAMIRO ADEVA 8/4/15  
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER DATE

**CITY OF AGOURA HILLS**

PREPARED BY:

**L. Newman Design Group, Inc.**

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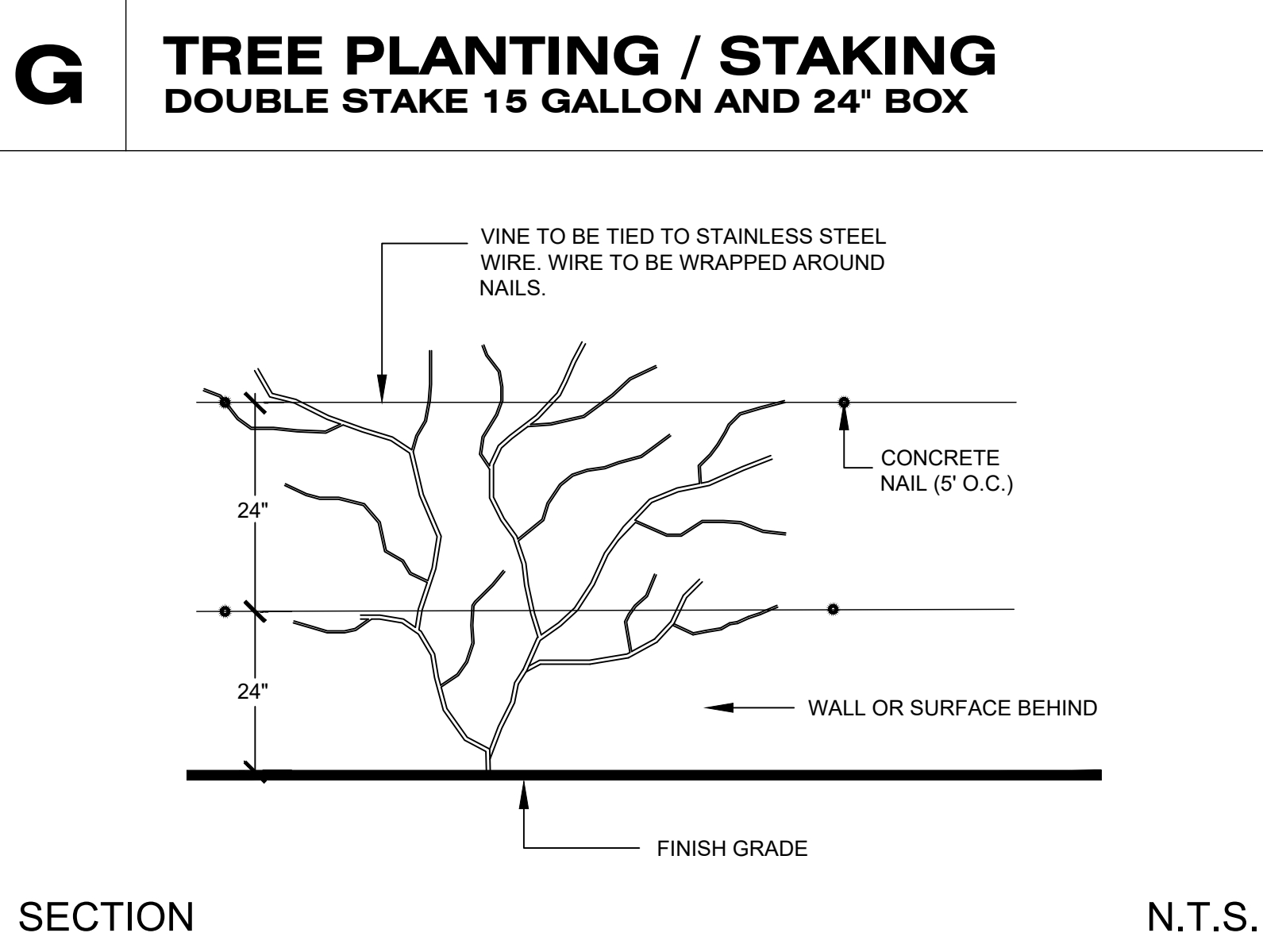
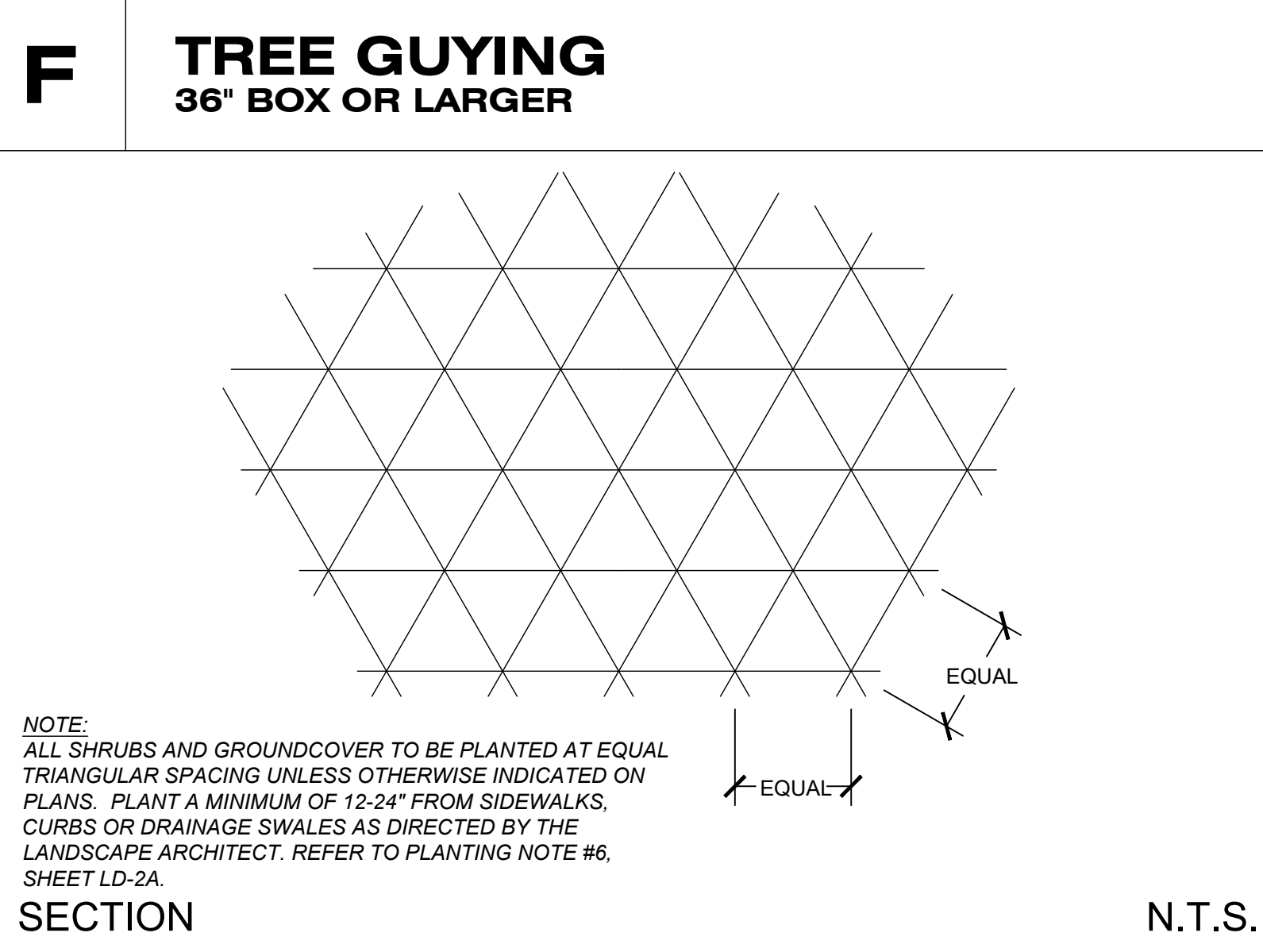
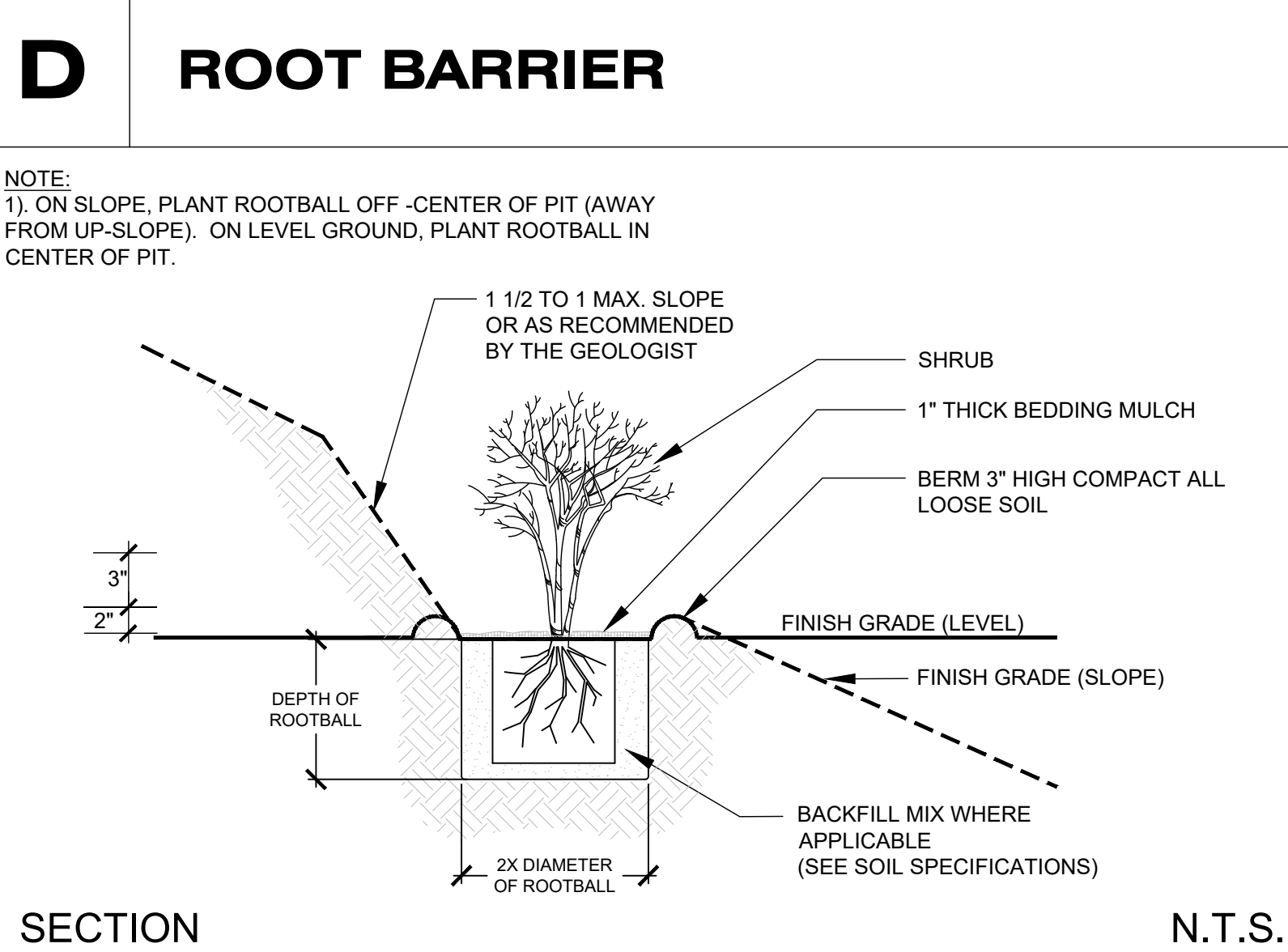
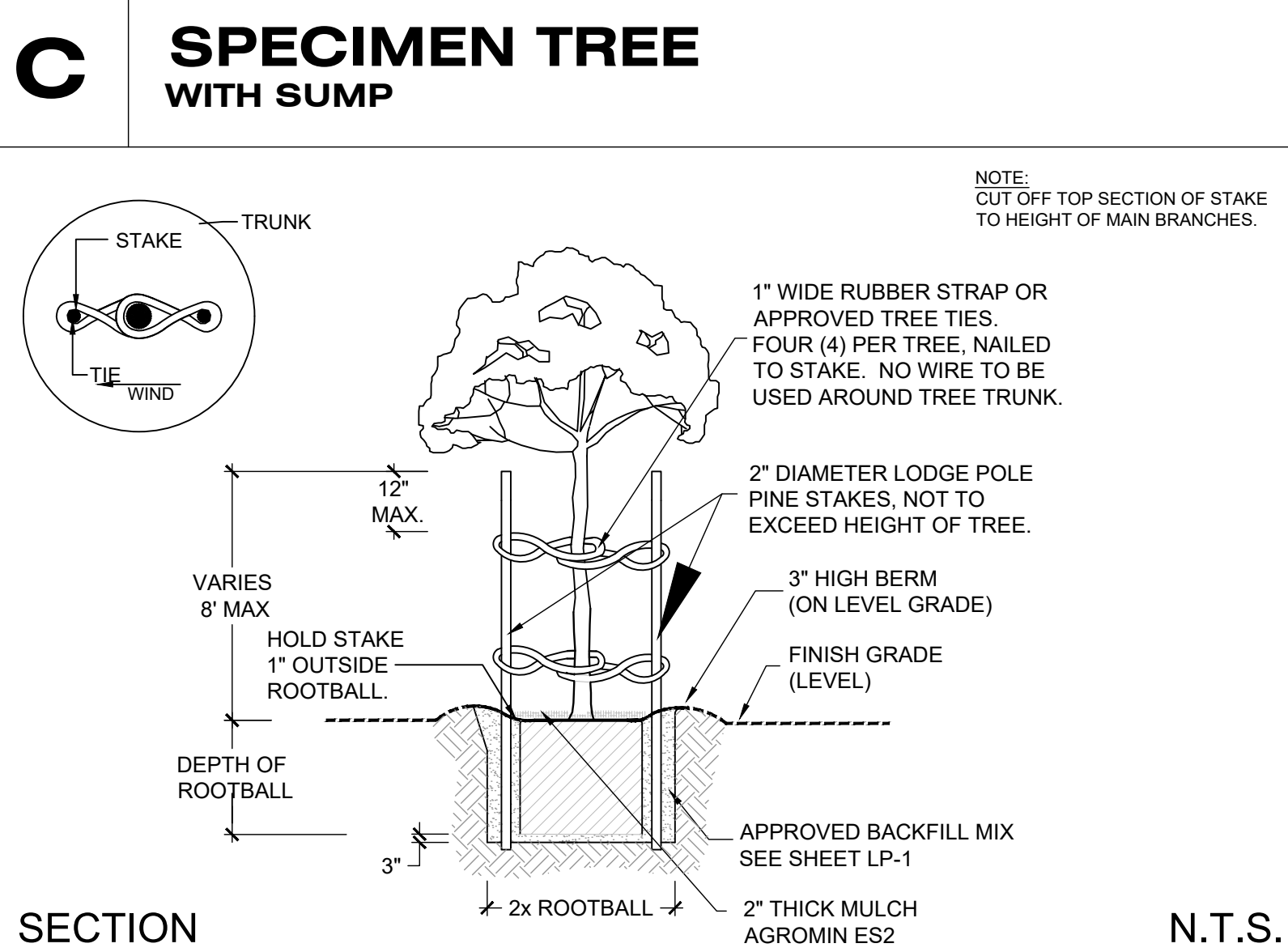
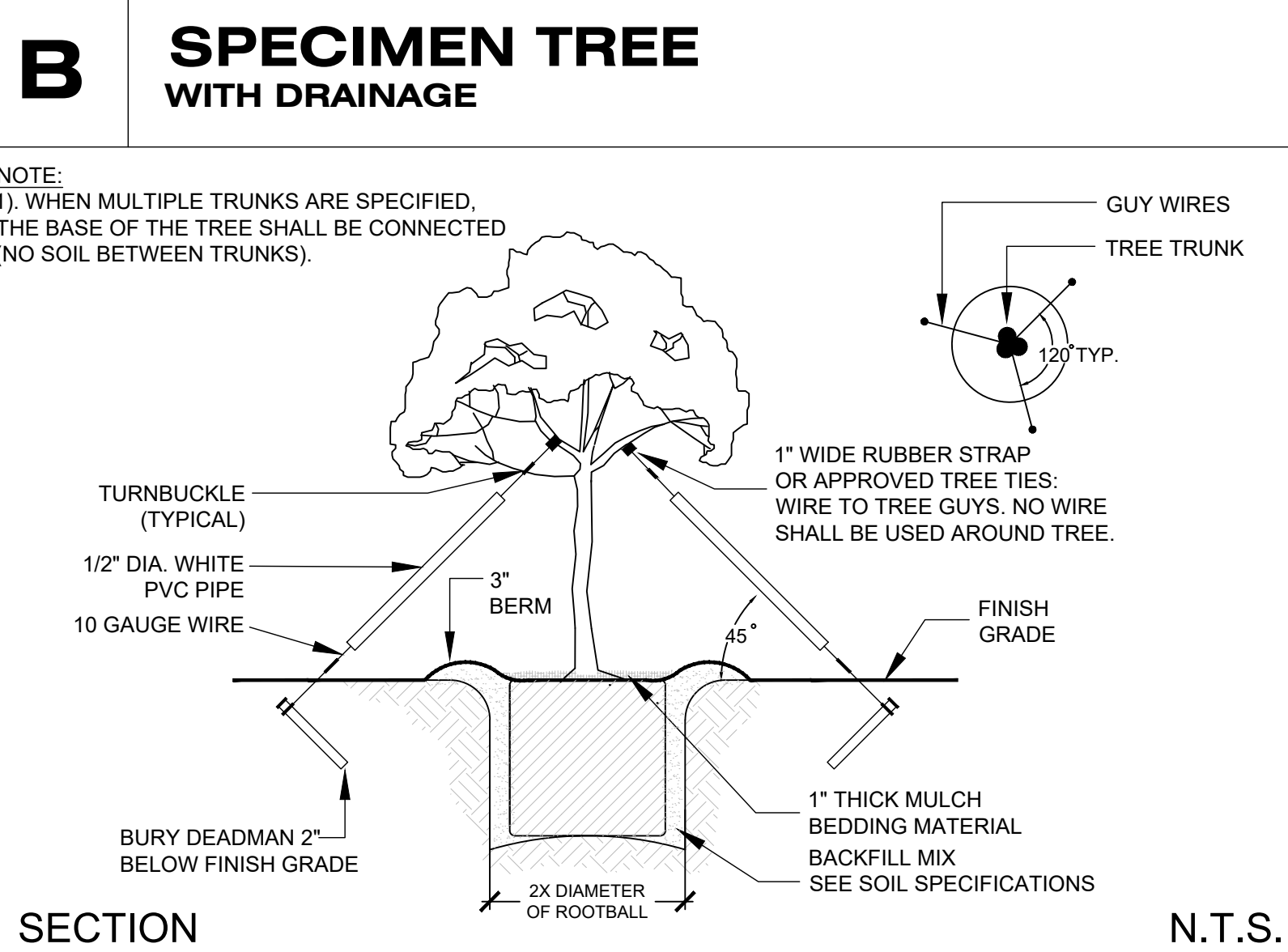
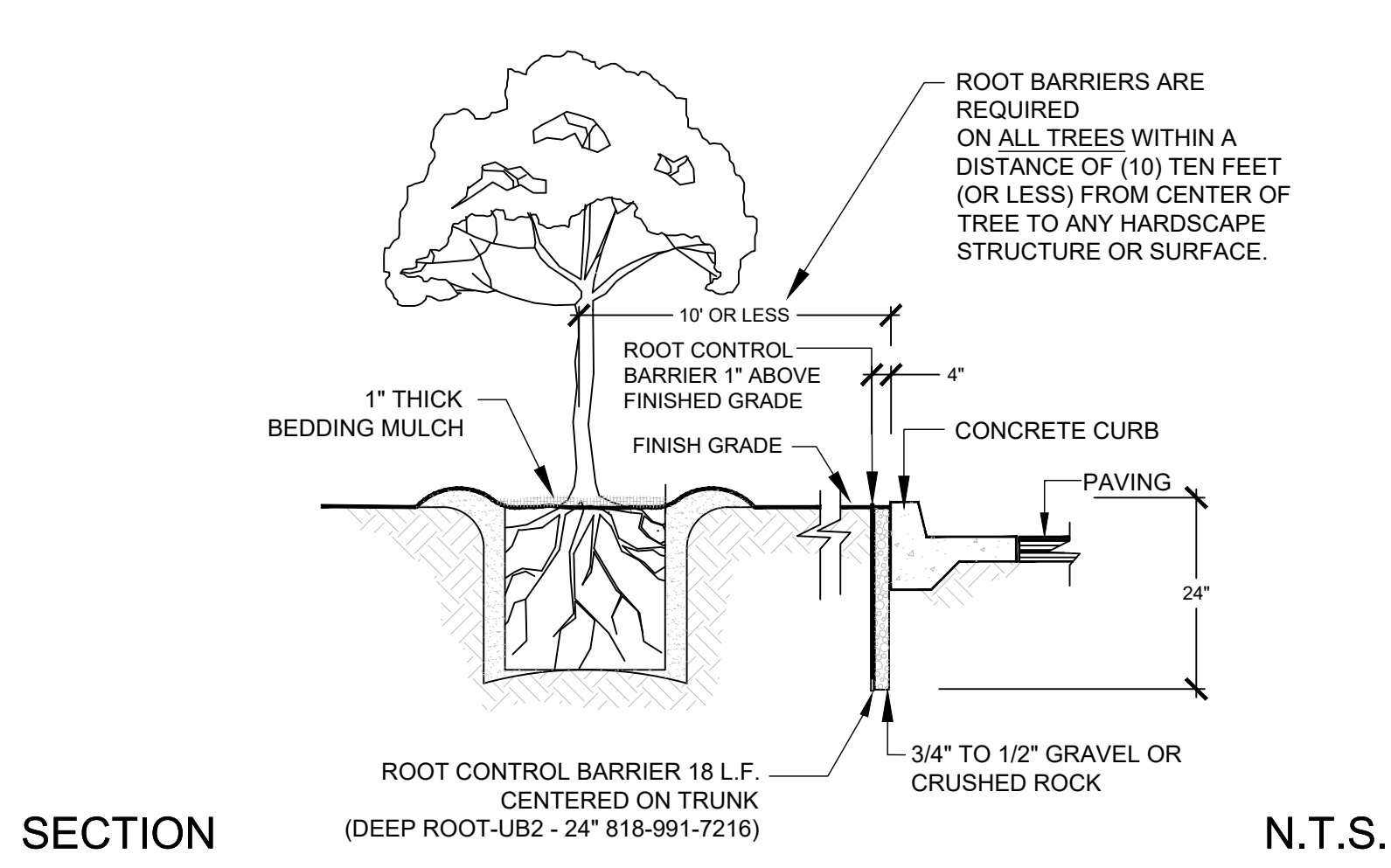
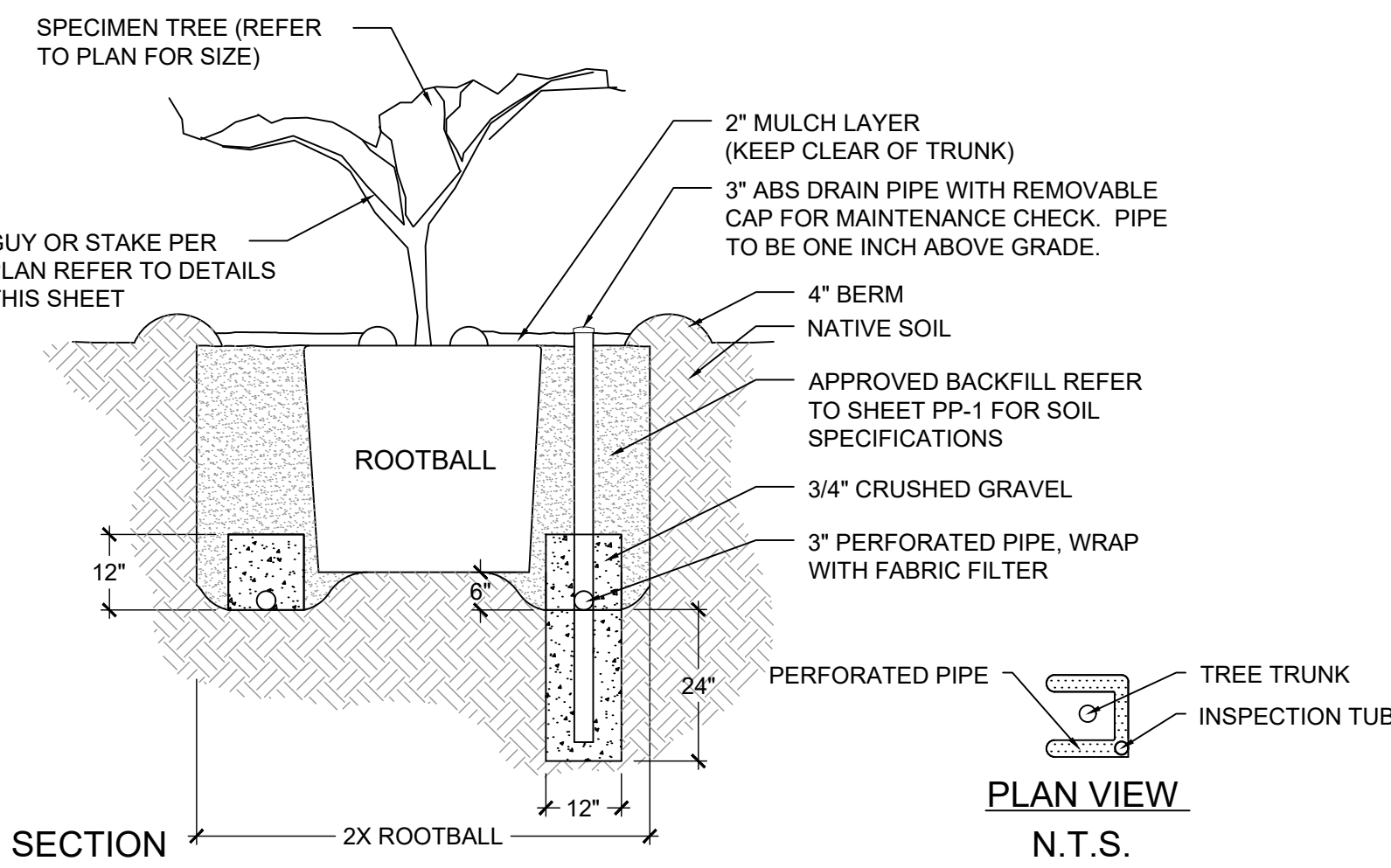
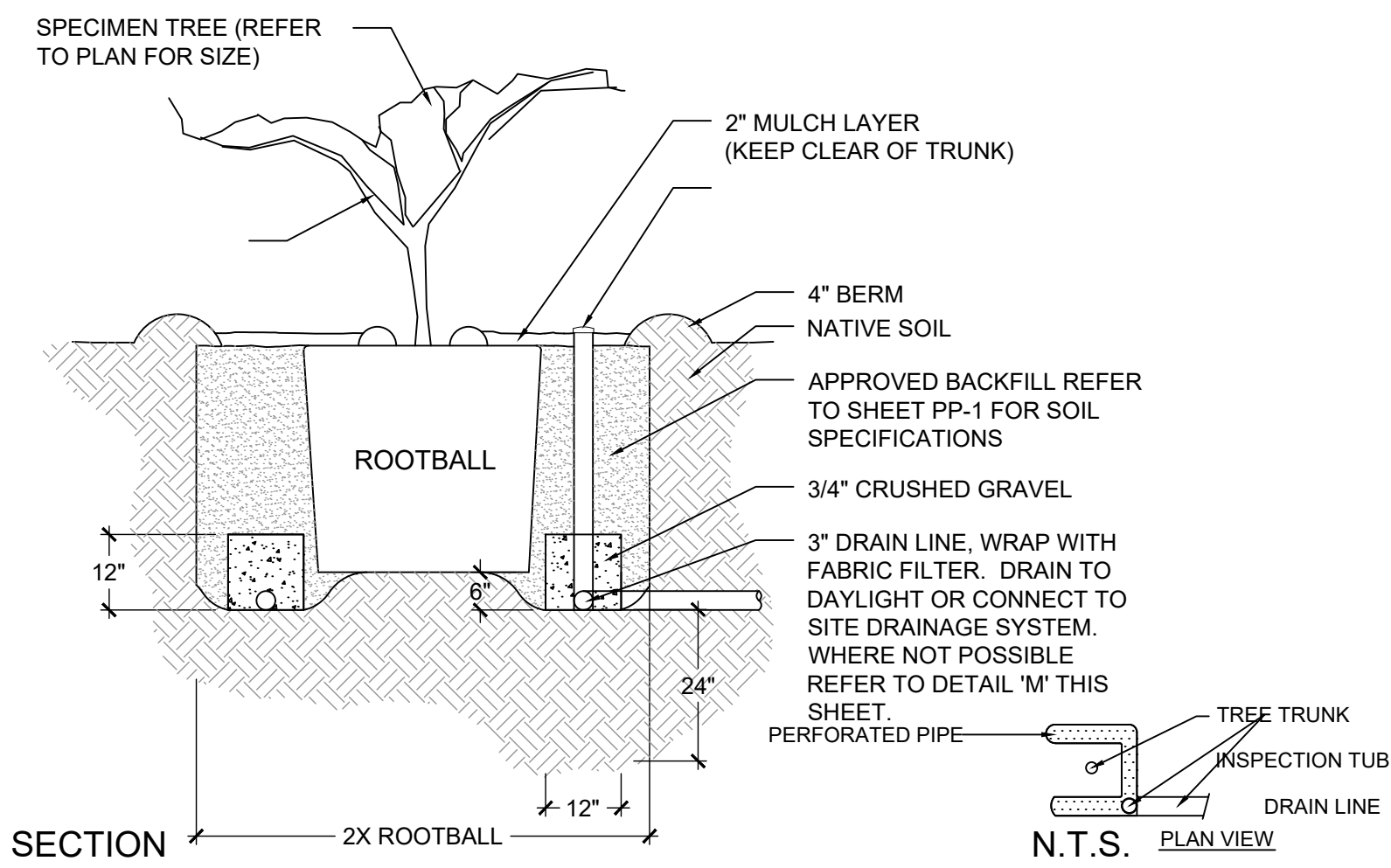
**KANAN ROAD/AGOURA ROAD  
ULTIMATE INTERSECTION IMPROVEMENTS**

CONSTRUCTION DETAILS CD-4

DESIGNED BY: BB DRAWN BY: RK CHECKED BY: XX KHA JOB NUMBER: 099083026

SHEET 41 OF 42





**A**

**B SPECIMEN TREE WITH DRAINAGE**

**C SPECIMEN TREE WITH SUMP**

**D ROOT BARRIER**

SECTION N.T.S.

SECTION N.T.S.

SECTION N.T.S.

SECTION N.T.S.

**E**

**F TREE GUYING 36" BOX OR LARGER**

**G TREE PLANTING / STAKING DOUBLE STAKE 15 GALLON AND 24" BOX**

**H SHRUB PLANTING**

SECTION N.T.S.

SECTION N.T.S.

SECTION N.T.S.

SECTION N.T.S.

**I**

**J GROUNDCOVER SPACING**

**K VINE TYING / SPLAYING**

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**95% SUBMITTAL**

1		35%PS&E		08/04/15
2		65%PS&E		04/21/16
3		95%PS&E		05/03/17
4		95%PS&E		10/25/17
REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE

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APPROVED BY:  
 RAMIRO ADEVA 8/4/15  
 DIRECTOR OF PUBLIC WORKS/CITY ENGINEER DATE



KANAN ROAD/AGOURA ROAD  
 ULTIMATE INTERSECTION IMPROVEMENTS  
 CONSTRUCTION DETAILS CD-5

DESIGNED BY: BB  
 DRAWN BY: RK  
 CHECKED BY: XX  
 KHA JOB NUMBER: 099083026

SHEET 42 OF 42

## Attachment 2

## **CHRONOLOGY OF DESIGN PROCESS**

### **June 14, 2006**

Staff presented the final Agoura Village Specific Plan (AVSP), which identified, among other things, the roundabout as the preferred traffic improvement at the intersection, citing that the roundabout would provide a unique traffic feature with an acceptable Level of Service (LOS), aesthetic design enhancements, and serve as a unique gateway of the City.

### **November 14, 2007**

5-0 approval to solicit proposals for engineering services to design a roundabout.

### **February 27, 2008**

5-0 approval to award a design contract for the roundabout to Boyle Engineering, later known as AECOM.

### **October 10, 2012**

At the 65% design stage, AECOM was replaced by KHA to complete the roundabout design. The Council approved the award of a design contract to KHA with a 5-0 vote.

### **May 14, 2014**

5-0 approval of two (2) resolutions that adopted the final environmental documents (IS/MND and MMRP) for the roundabout and approved the 100% design plans and final project limits for the roundabout.

The Council also voted in favor of analyzing the feasibility of a standard traffic signal versus a roundabout, and directed staff to provide a comparative analysis of these two intersection options at a future date.

### **September 10, 2014**

Per Council direction received on May 14, 2014, staff presented the comparative analysis of the roundabout versus the option of a signalized intersection. Factors considered in the analysis included right-of-way (ROW) impacts, cost, modes of transportation, oak tree consideration, level of service (LOS), and aesthetics.

The Council voted 5-0 to replace the roundabout with a standard traffic signal, and prepare the necessary CEQA documents to amend the AVSP. Additional direction was given to prepare an aesthetic plan and design for the ultimate intersection.

### **October 8, 2014**

5-0 approval to solicit proposals for the design of a standard signalized intersection.



**February 11, 2015**

5-0 approval to award contract to design the ultimate signalized intersection improvements at Kanan/Agoura Intersection to KHA.

**June 8, 2016**

Discussion and feedback provided to staff for the 65% design plans for the Kanan/ Agoura Road ultimate intersection.

**July 12, 2017**

Update on the aesthetics of the ultimate intersection, as a follow-up to the feedback received from the Council at the June 2016 meeting.

**August 23, 2017**

Discussion of the 75% engineering plans and pedestrian bridge concept for the intersection. Staff presentation included a brief history of the roundabout transition to a signalized intersection, traffic analysis and computer models showing operational impacts with and without the two oak trees in front of the Islands restaurant, geometrics, roadway alignment, lane configuration and LOS, as well as information on the potential inclusion of a pedestrian bridge.

5-0 approval of a motion to not include a pedestrian bridge, and to schedule a workshop for the public to be informed on the engineering behind the proposed signalized intersection.

**September 21, 2017**

Public Information Workshop to explain the engineering involved to design the signalized intersection.

**November 8, 2017**

4-1 approval to move forward to the 95% design plans and to prepare the environmental documents for the project following the public information workshop on September 21, 2017.