PLANS FOR THE CONSTRUCTION OF SLOPE PROTECTION/DROP STRUCTURE AT BELLA LANE VEHICULAR BRIDGE

AND

STABILIZATION AT THE DOWNSTREAM WEIR

Addison!.

TODD MEIER

MAYOR

BLAKE W. CLEMENS
MAYOR PRO TEMPORE

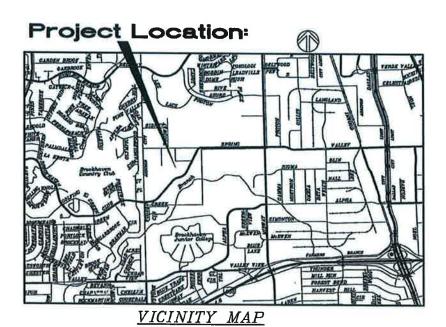
KIMBERLY LAY
DEPUTY MAYOR PRO TEMPORE

BRUCE ARFSTEN
CHRIS DeFRANCISCO
ROCER S. MELLOW
NEIL RESNIK
COUNCIL MEMBERS

RON WHITEHEAD
CITY MANAGER

VITRUVIAN PARK TOWN OF ADDISON, TEXAS

PUBLIC WORKS # 2011-07
FEBRUARY 2012



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SHEET INDEX

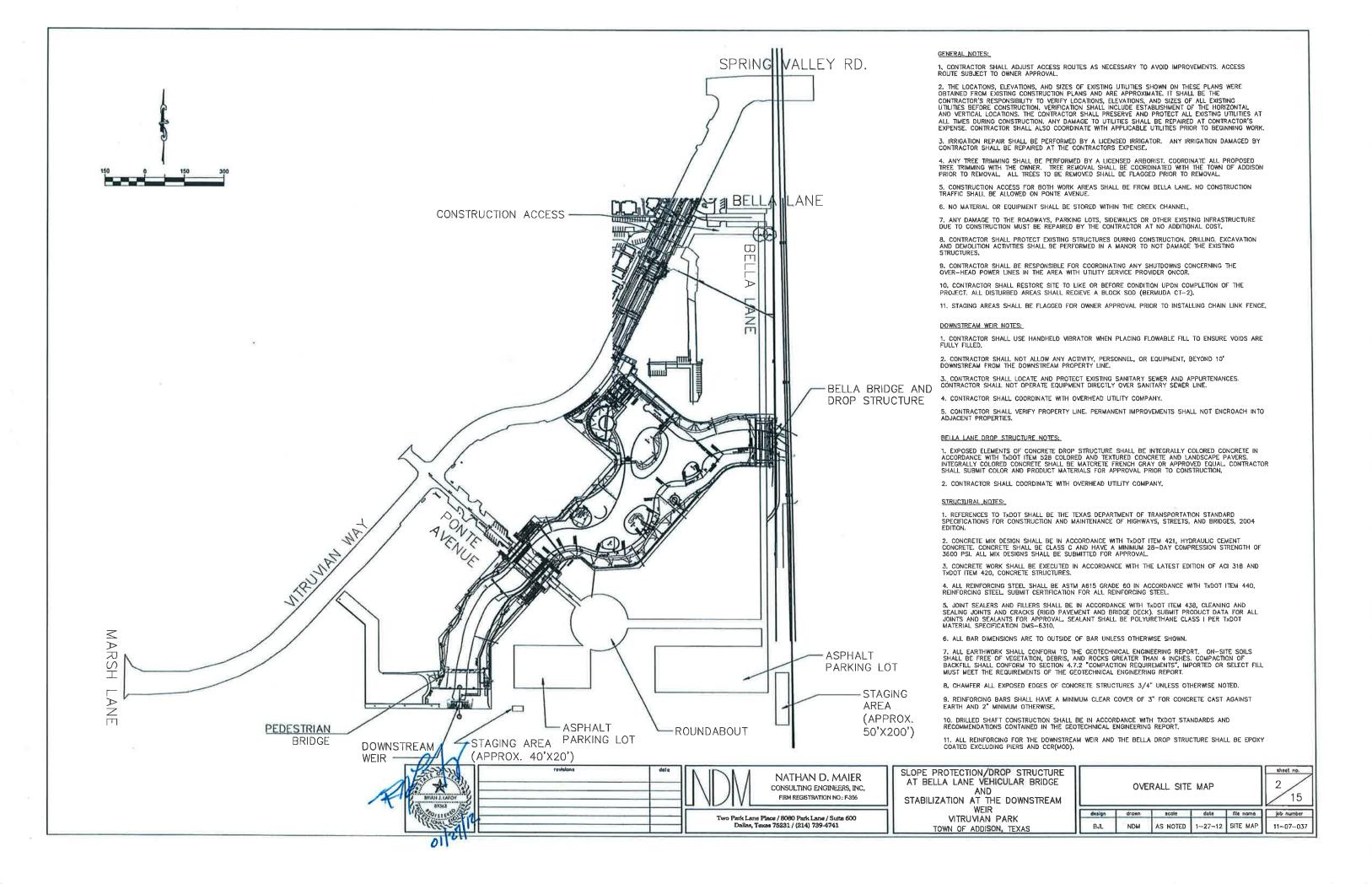
TITLE SHEET	1
OVERALL SITE MAP	2
CONTROL SHEET	3
DOWNSTREAM WEIR SITE MAP / PHASING	4
DOWNSTREAM WEIR PLAN AND PROFILE	5
DOWNSTREAM WEIR STRUCTURAL DETAILS	6-7
BELLA LANE DROP STRUCTURE SITE MAP	8
BELLA LANE DROP STRUCTURE PLAN AND PROFILE	9
BELLA LANE DROP STRUCTURE GRADING PLANS	10-11
BELLA LANE DROP STRUCTURE STRUCTURAL DETAILS	12-13
GENERAL DETAILS	14
CONCRETE RIPRAP (CRR) (MOD)	15

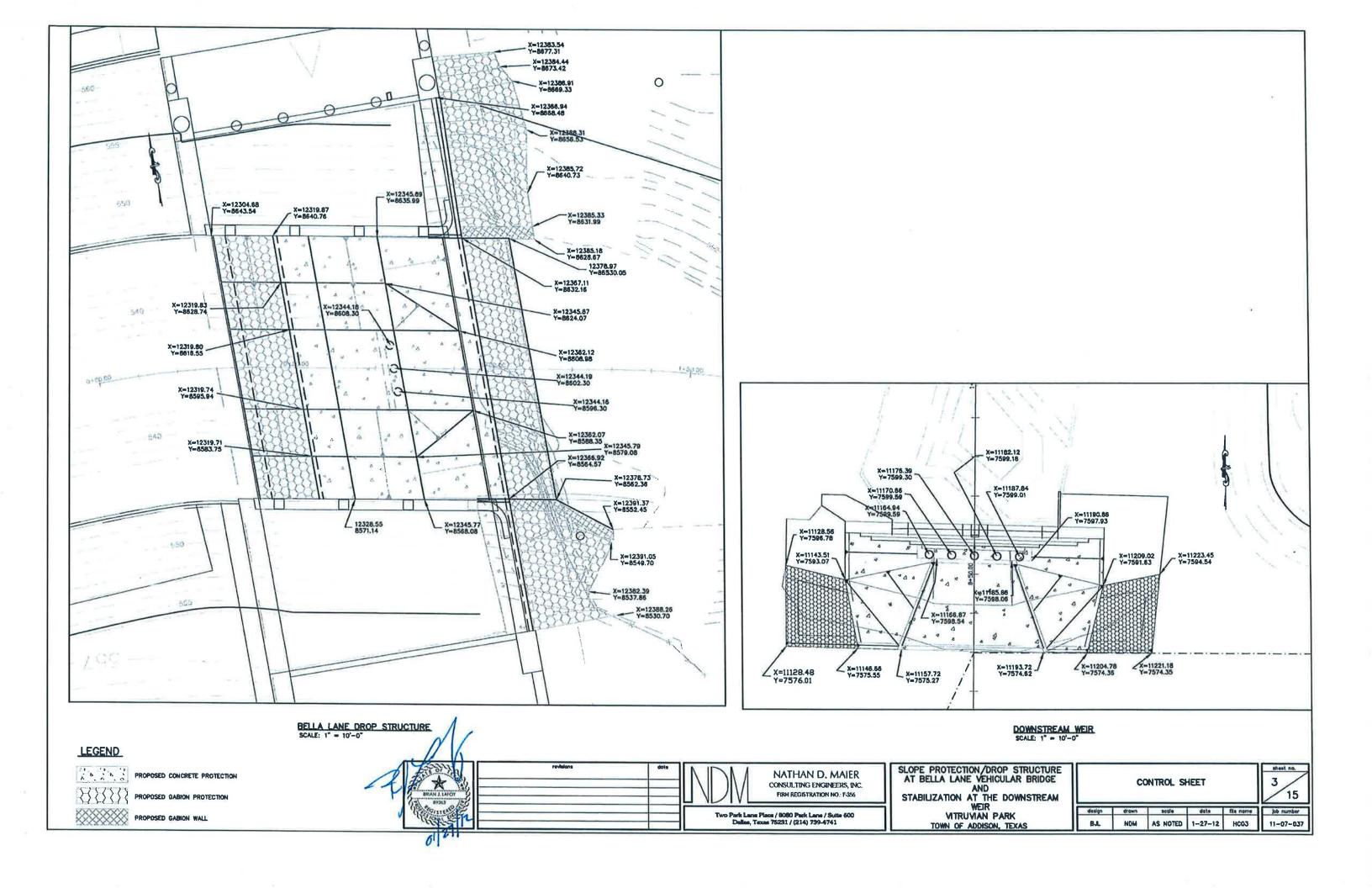


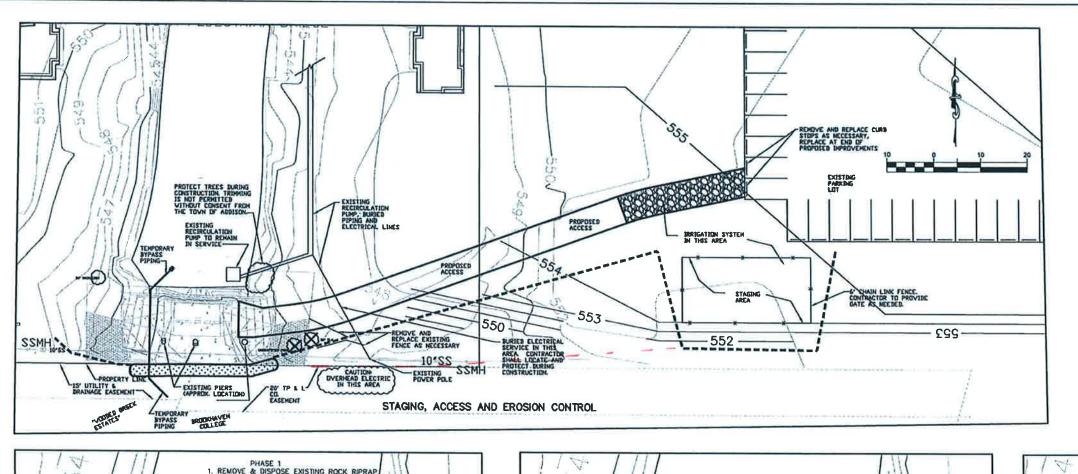
TWO PARK LANE PLACE / 8080 PARK LANE / SUITE 600
DALLAS, TEXAS 75231 / (214) 739-4741 / FAX (214) 739-5961



NDM Job Number:11-03-037







NOTES:

- CONTRACTOR SHALL REPAIR / REPLACE ANY DAMAGED IRRIGATION AS A RESULT OF CONSTRUCTION / ACCESS.
- DEWATERING MEASURES SHOWN ARE CONCEPTUAL ONLY, CONTRACTOR MUST SUBMIT A DEWATERING PLAN TO THE TOWN FOR APPROVAL PRIOR TO CONSTRUCTION.
- 3. EXISTING ABANDONED AERIAL CROSSING PEIRS SHALL BE REMOVED TO 1'-0" BELOW BOTTOM OF PROPOSED CHANNEL LINING.
- 4. CONTRACTOR SHALL PROTECT EXISTING RECIRCULATION PUMP, PIPING, AND ELECTRICAL SERVICE DURING CONSTRUCTION.

LEGEND

PROPOSED SILT FENCE

KAKA

PROPOSED CONSTRUCTION ENTRANCE

تنت

COFFER DAM

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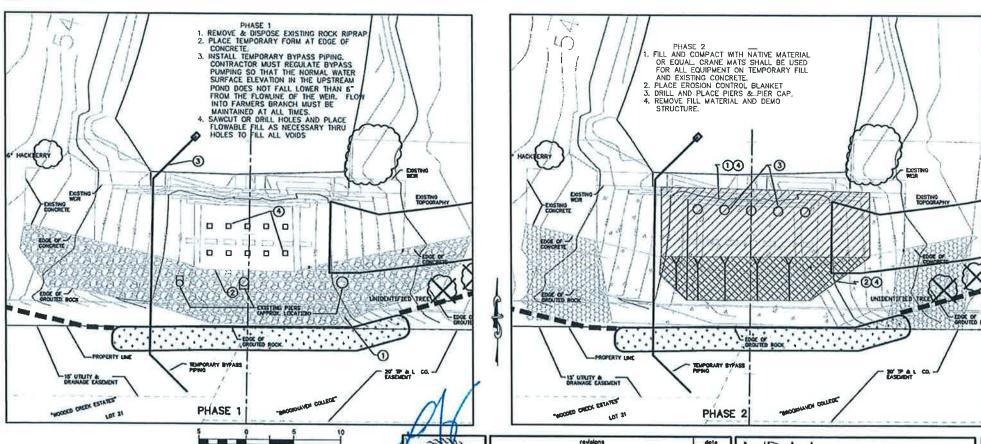
PROPOSED REMOVAL OF CONCRETE STRUCTURE

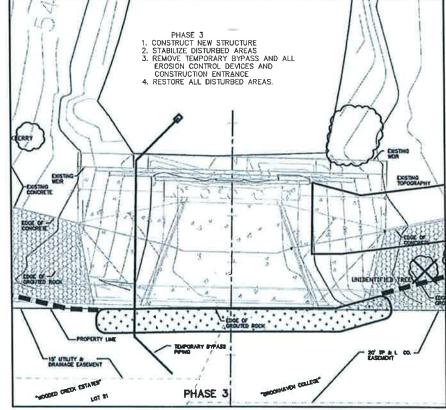
PROPOSED REMOVAL OF ROCK RIPRAP
PROPOSED EROSION CONTROL BLANKET

PROPOSED TEMP. FILL (MINIMUM DEPTH 3 FT.)



TREE REMOVAL





BJL

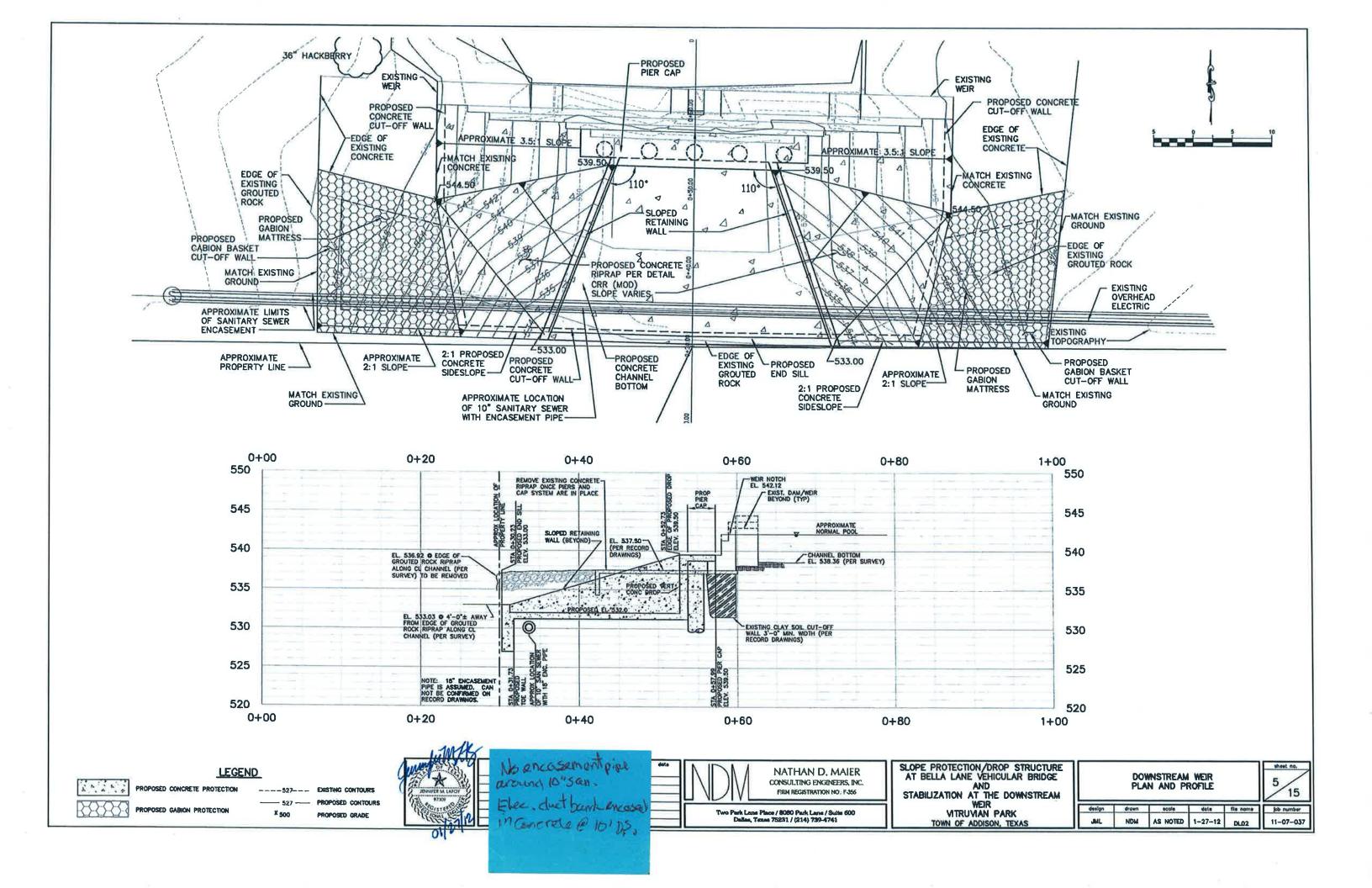
SLOPE PROTECTION/DROP STRUCTURE
AT BELLA LANE VEHICULAR BRIDGE
AND
STABILIZATION AT THE DOWNSTREAM
WEIR
VITRUVIAN PARK
TOWN OF ADDISON, TEXAS

NATHAN D. MAIER

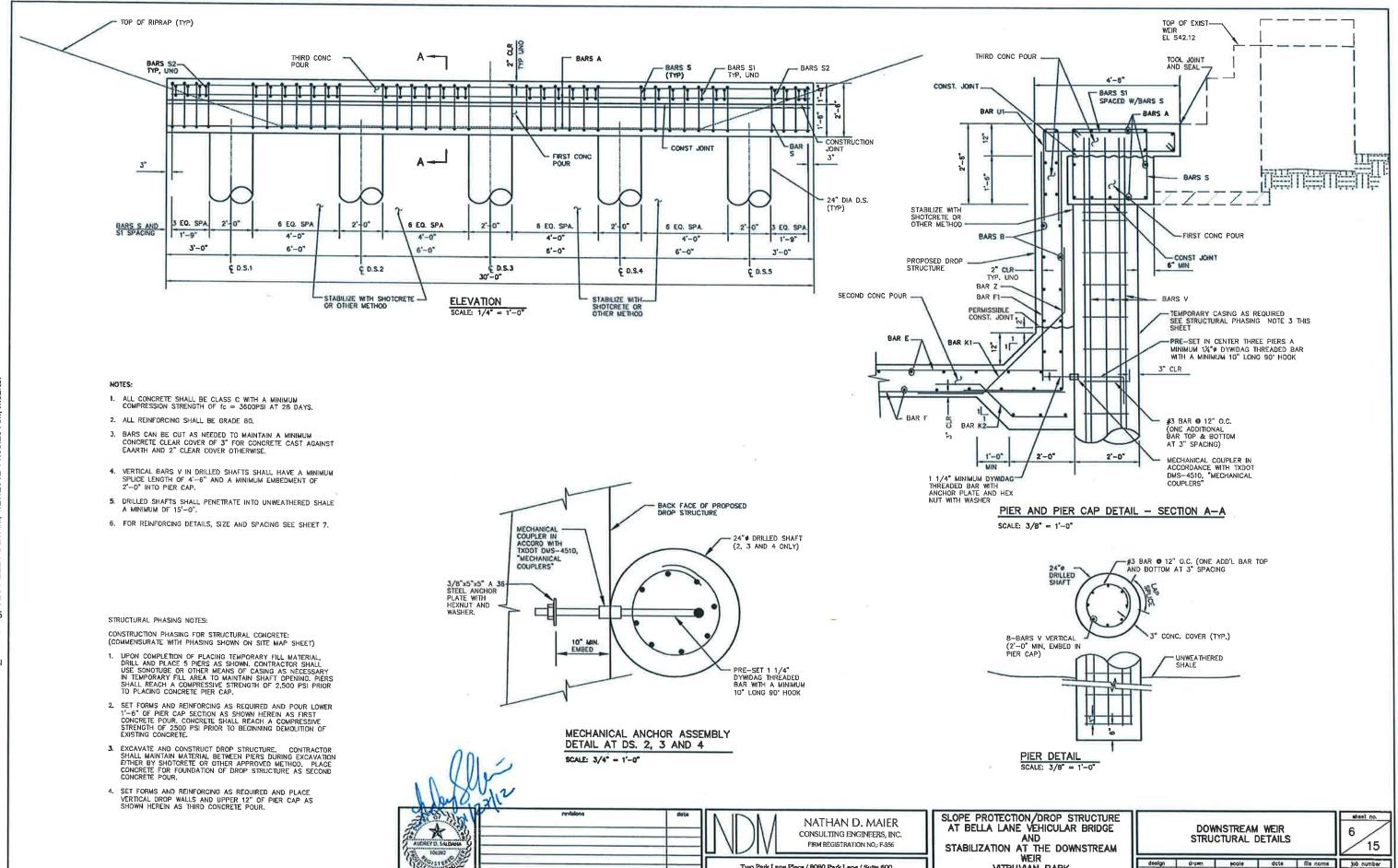
CONSULTING ENGINEERS, INC.

FIRM REGISTRATION NO.: F-356

Two Park Lane Place / 8080 Park Lane / Suite 600 Dallas, Texas 75231 / (214) 739-4741







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VITRUVIAN PARK

TOWN OF ADDISON, TEXAS

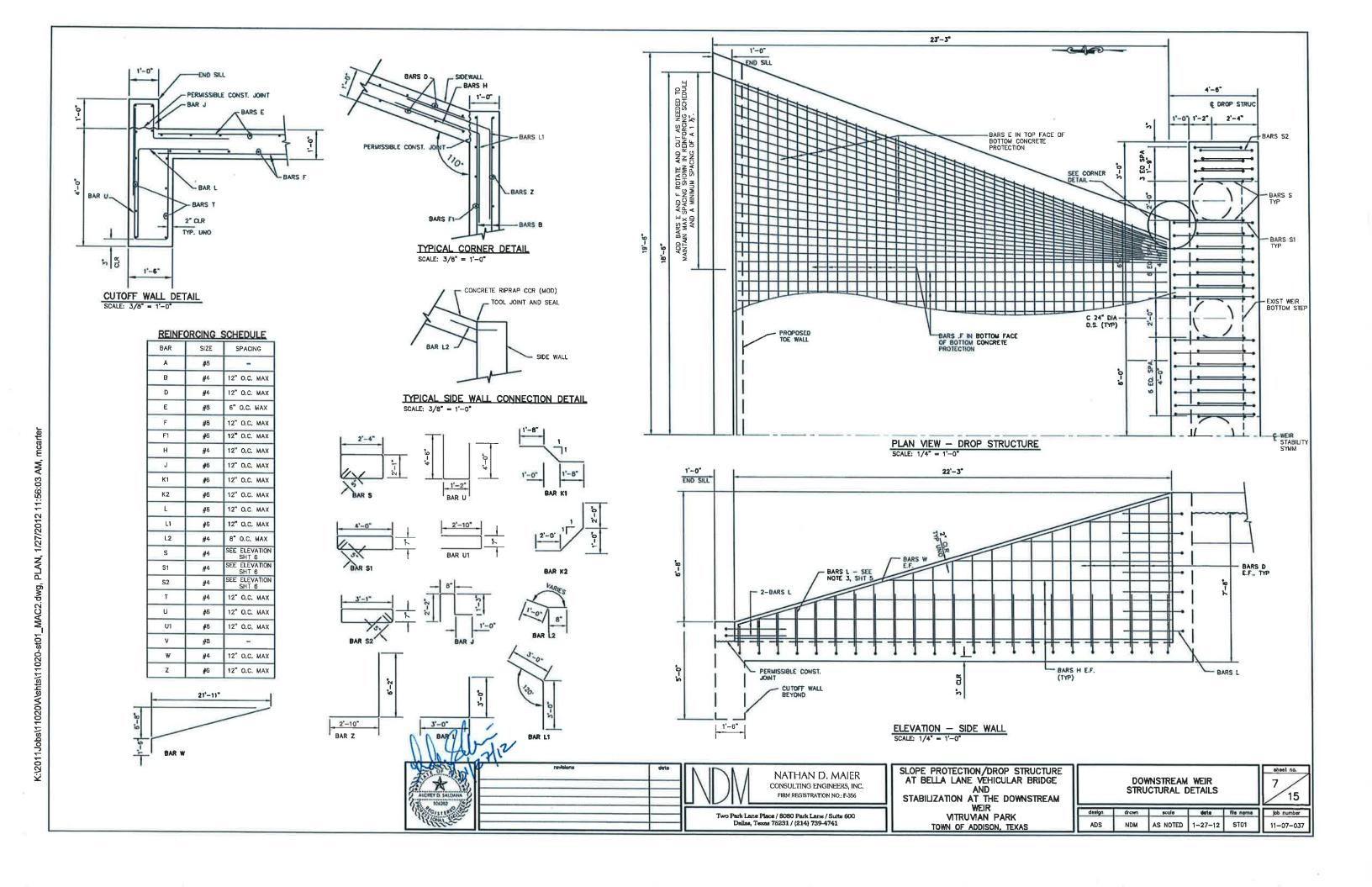
ADS

NDM

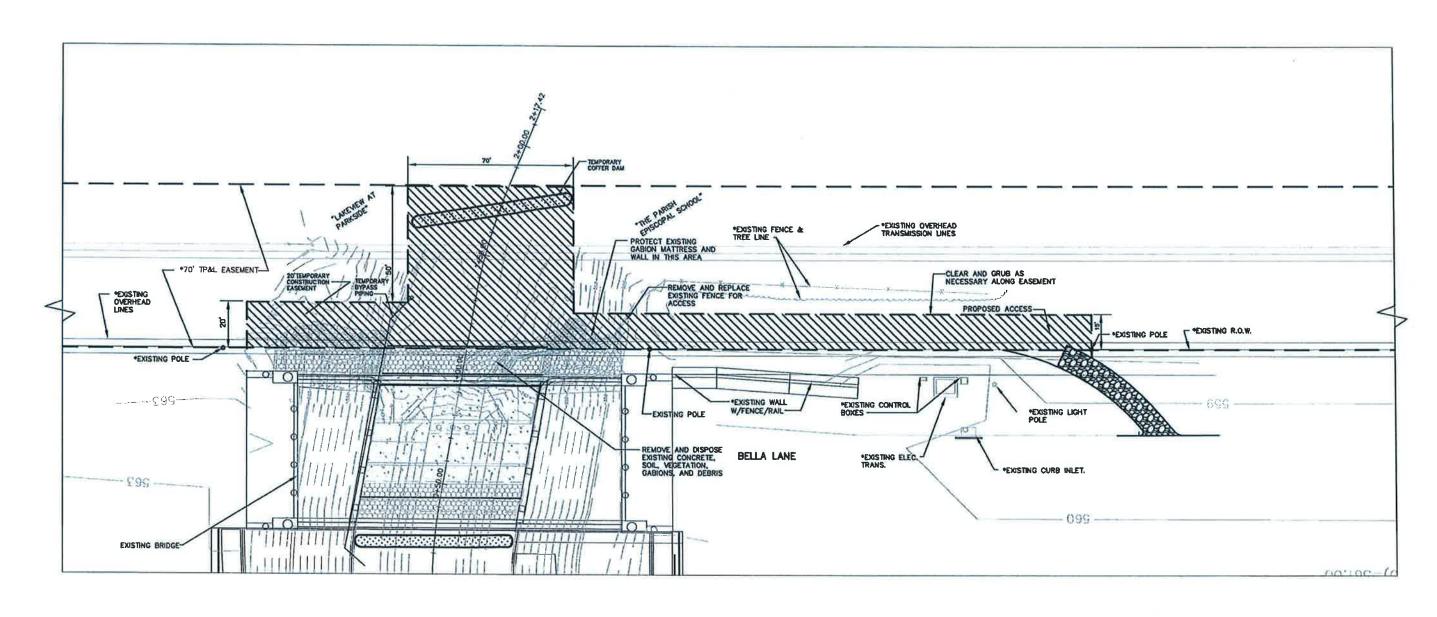
AS NOTED 1-27-12

STOI

11-07-037









PROPOSED CURB INLET PROTECTION

PROPOSED CONSTRUCTION ENTRANCE

COFFER DAM

APPROXIMATE LOCATION

TEMPORARY ACCESS AND CONSTRUCTION EASEMENT

NOTES:

1. DEWATERING MEASURES SHOWN ARE CONCEPTUAL ONLY. CONTRACTOR MUST SUBMIT A DEWATERING PLAN TO THE TOWN FOR APPROVAL PRIOR TO CONSTRUCTION.

2. CONTRACTOR SHALL MAINTAIN A POSITIVE DRAINAGE ALONG ACCESS EASEMENT. GRADE AS REQUIRED AND PROVIDE TEMPORARY DRAINAGE PIPE IF NECESSARY.

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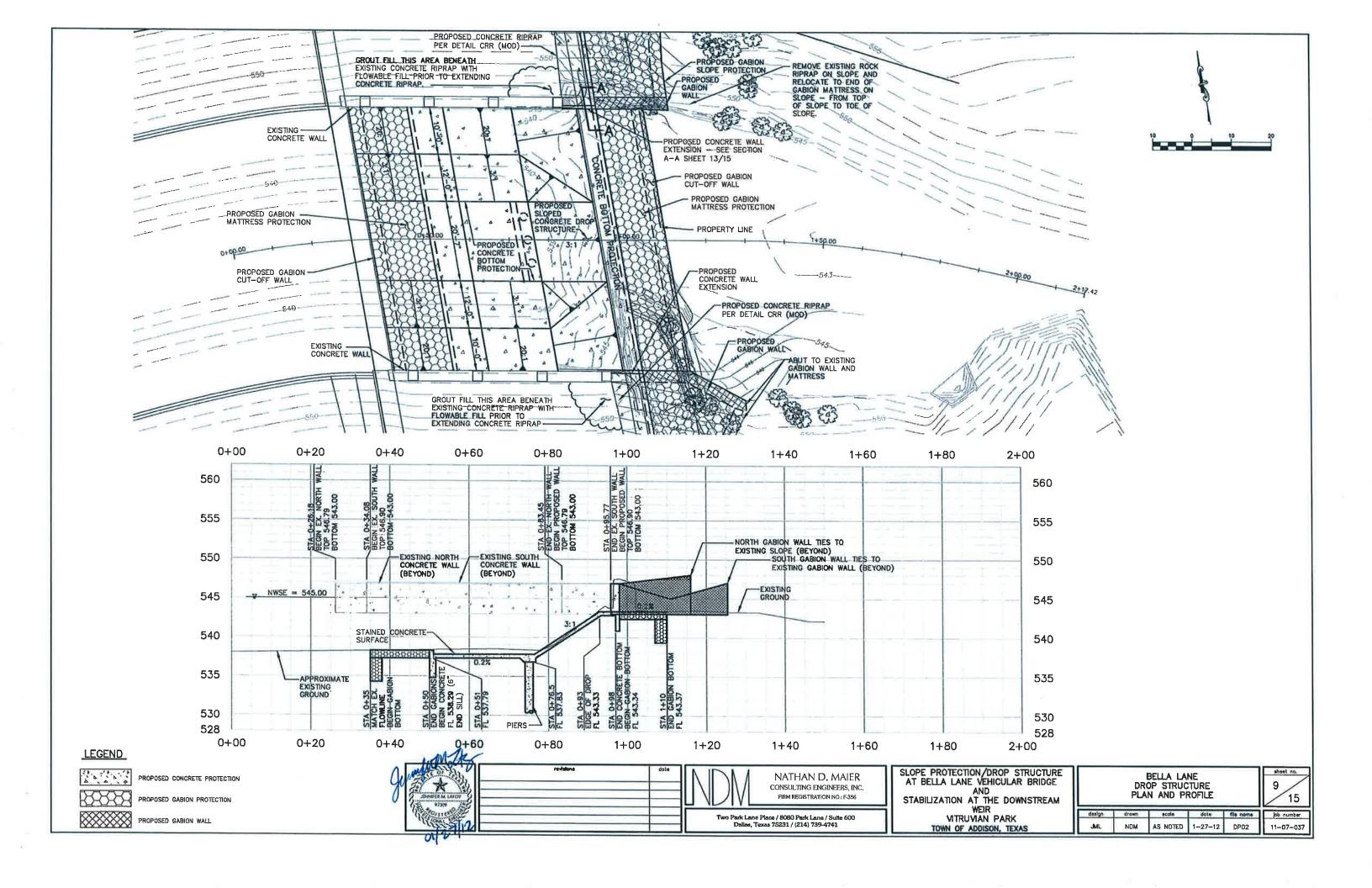
NATHAN D. MAIER CONSULTING ENGINEERS, INC. FIRM REGISTRATION NO.: F-356

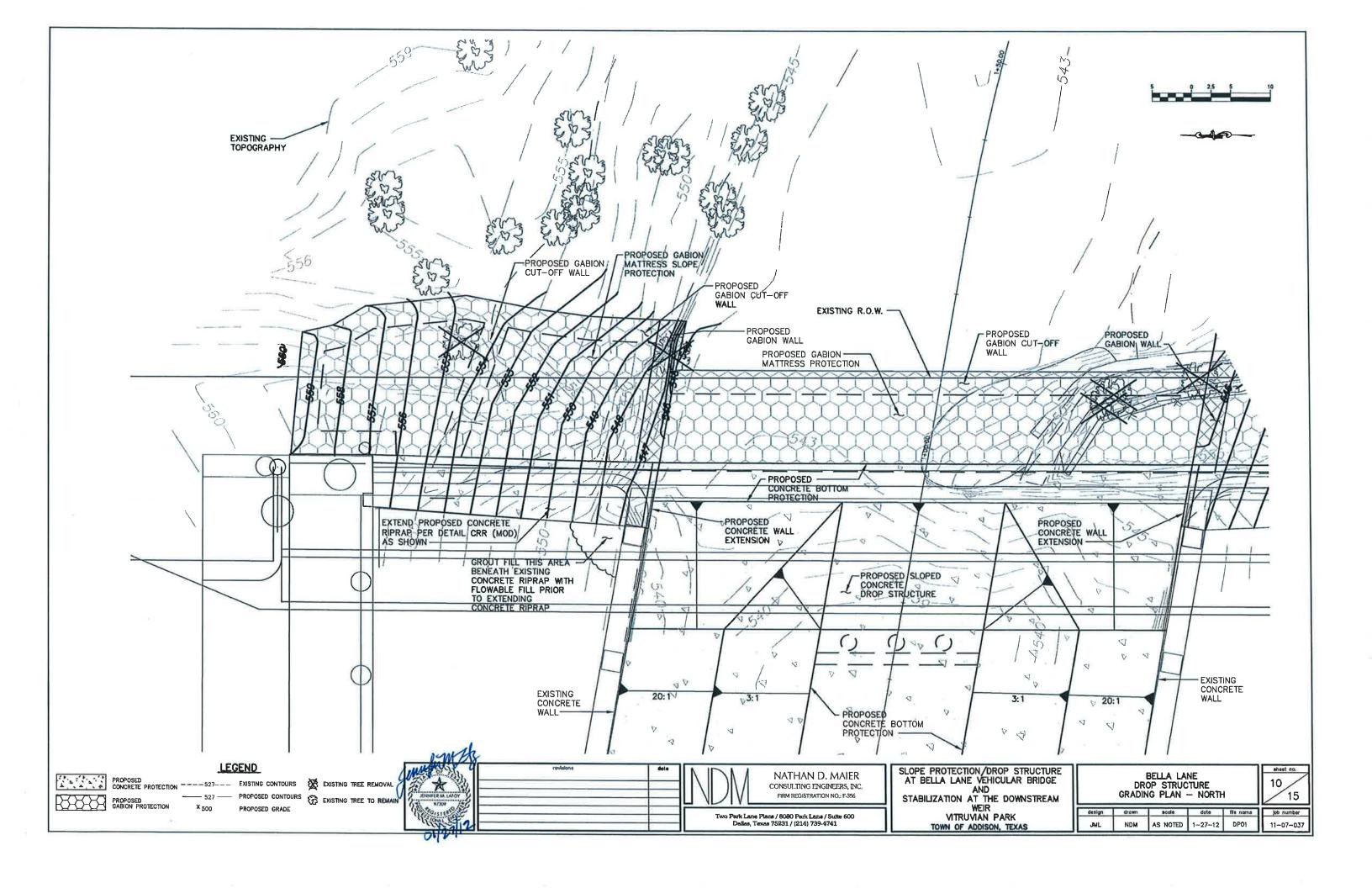
Two Park Lane Place / 8080 Park Lane / Sutte 600 Dallas, Texas 75231 / (214) 739-4741

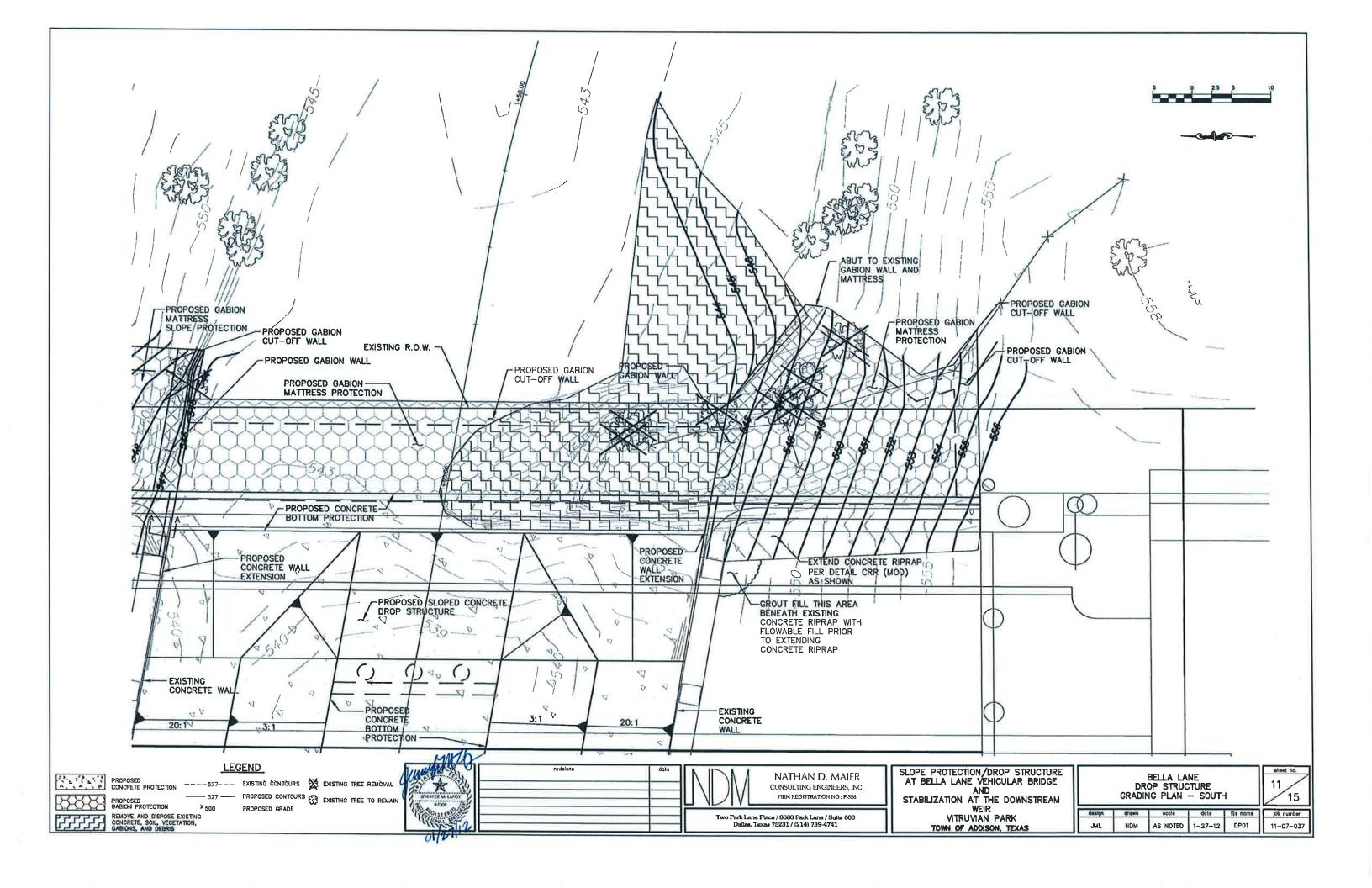
SLOPE PROTECTION/DROP STRUCTURE AT BELLA LANE VEHICULAR BRIDGE AND STABILIZATION AT THE DOWNSTREAM WEIR VITRUVIAN PARK TOWN OF ADDISON, TEXAS

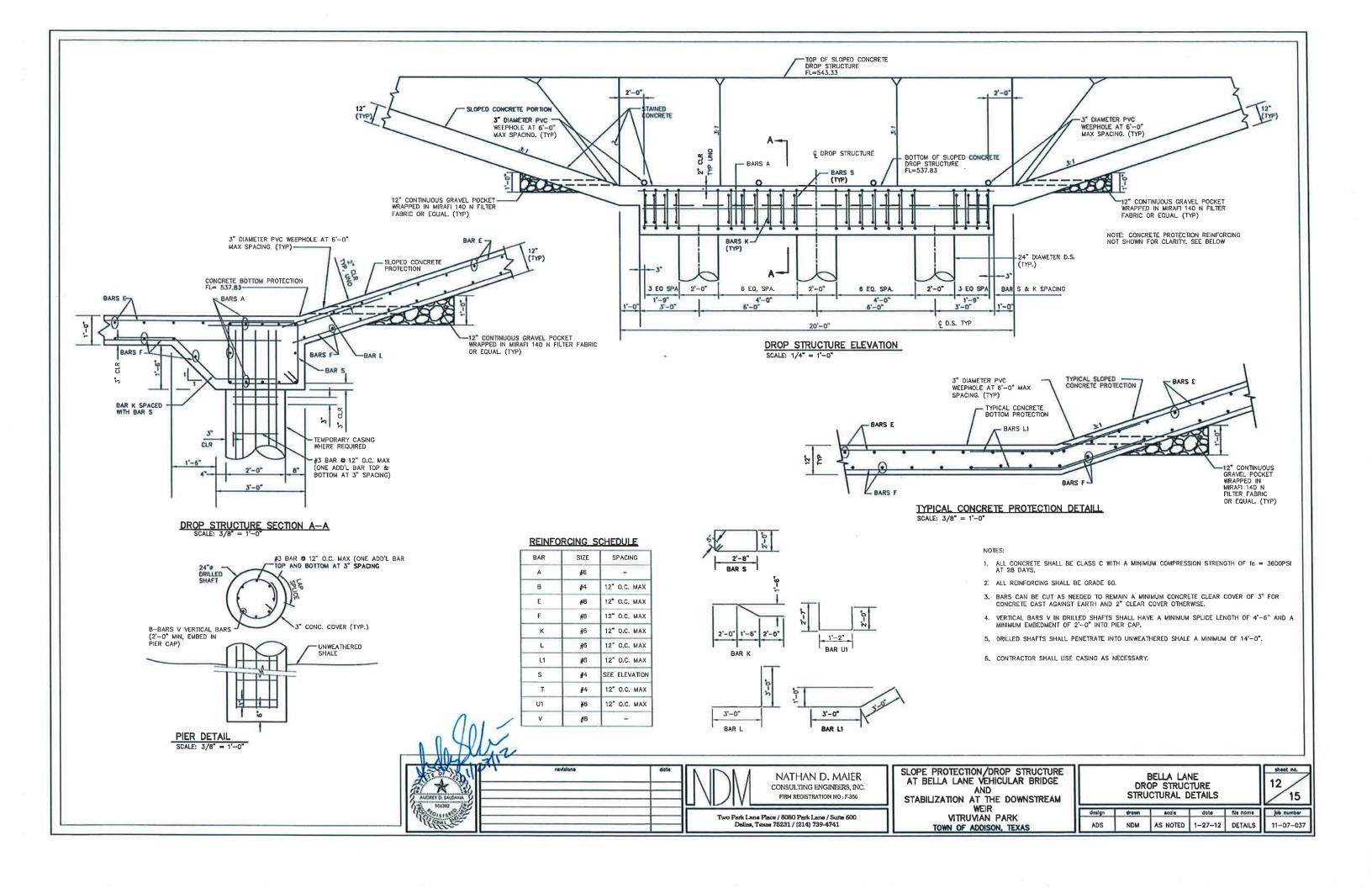
BELLA LANE DROP STRUCTURE SITE MAP						
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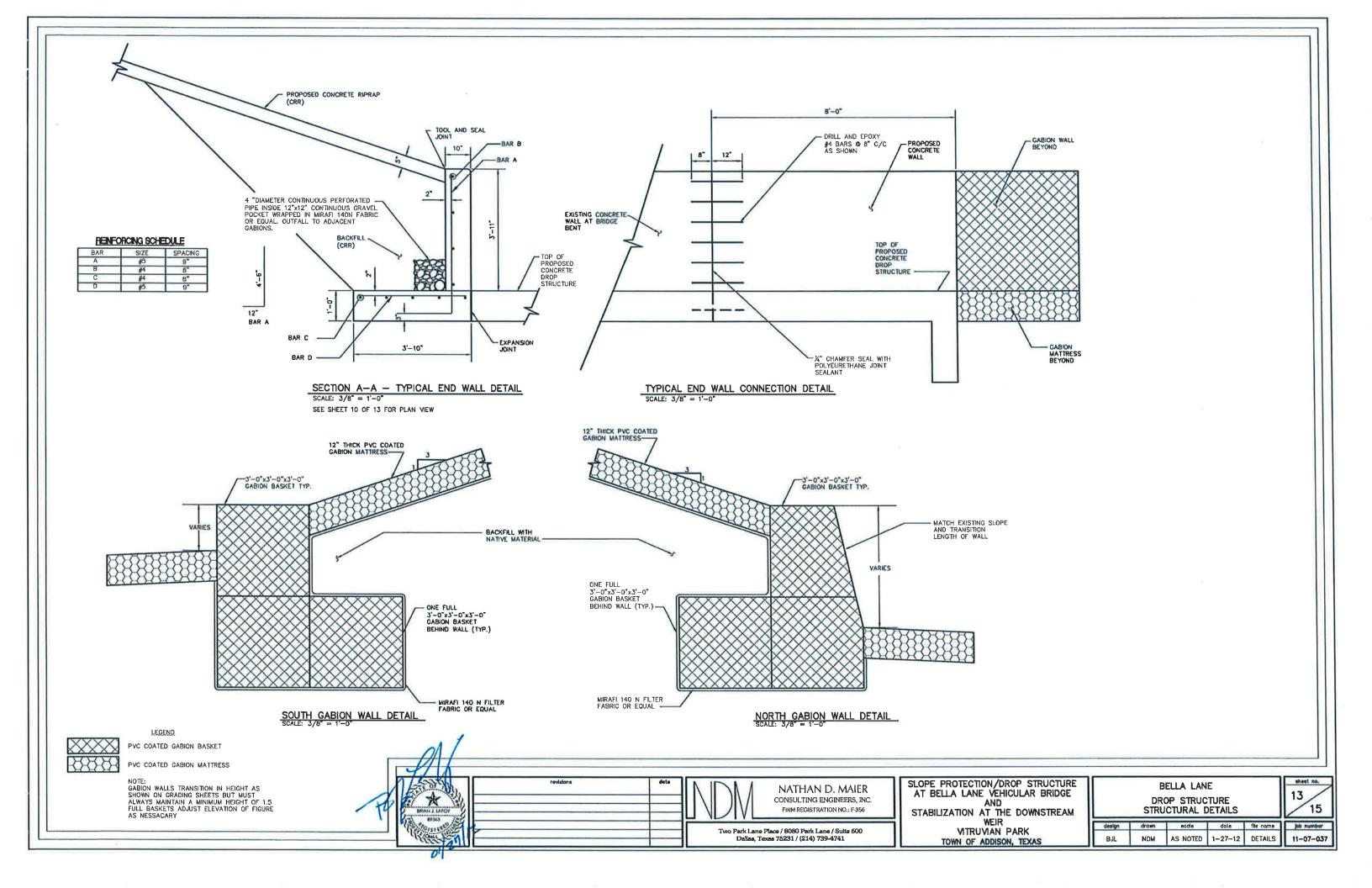
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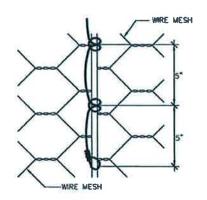






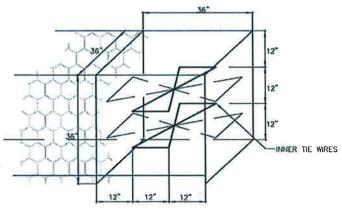






GABIONS MUST BE TIED IN THIS
MANNER AT EACH STEP OF
CONSTRUCTION:
1. INITIAL ASSEMBLY
2. TYING TO ADJACENT GABIONS ALONG
ALL CONTACTING EDGES
3. TYING OF LID TO SIDES
4. TYING OF LID TO ALL DIAPHRAGMS
5. RE—TYING OF THE CUT GABION

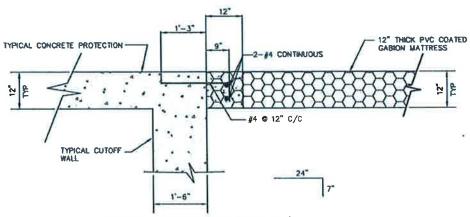
FIGURE 1: TYING METHOD



INNER TIE WIRES SHALL BE PLACED HORIZONTALLY IN EACH CELL EVERY 12" OF VERTICAL HEIGHT CONNECTING THE FRONT AND BACK FACES AND ANY UNSUPPORTED FACE LENGTHWISE.

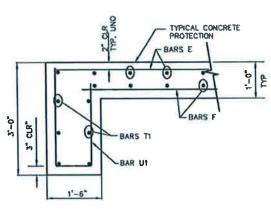
FIGURE 2: TIE WIRE INSTALLATION METHOD

MATCH EXISTING GROUND -

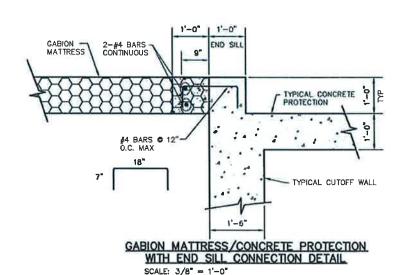


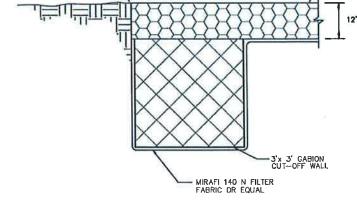
TYPICAL CONCRETE PROTECTION/
GABION MATRESS CONNECTION DETAIL
SCALE: 3/8" = 1'-0"

NOTE: ALL CONTACT AREAS BETWEEN CONCRETE AND MATTRESS SHALL RECEIVE CONNECTION PER THIS DETAIL.

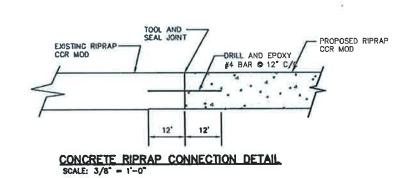


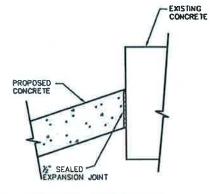
TYPICAL CUTOFF WALL AT BELLA DROP STRUCTURE SCALE: 3/8" = 1'-0"





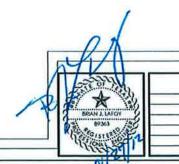
12" THICK PYC COATED





TYPICAL PROPOSED CONCRETE TO EXISTING CONCRETE DETAIL SCALE: 3/6" = 1'-0"

TYPICAL GABION CUT OFF DETIAL
SCALE: 3/8" = 1"-0"



NATHAN D. MAIER CONSULTING ENGINEERS, INC. FIRM REGISTRATION NO.: F-356

SLOPE PROTECTION/DROP STRUCTURE AT BELLA LANE VEHICULAR BRIDGE AND STABILIZATION AT THE DOWNSTREAM WEIR VITRUVIAN PARK

TOWN OF ADDISON, TEXAS

	GENERA DETAILS	
=		 7 -

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15 job number drawn BJL NDM AS NOTED 1-27-12 DETAILS 11-07-037

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