

Aus-Gest. Payer

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 3

Date : July 26, 2004

Submitted To:
HNTB
5910 W. Plano Parkway, Ste 200
Plano, Texas 75093
Guy Van Buren c/o Jennifer Nicewander

Submitted By:
Archer Western Contractors, Ltd.

Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
ROW Information	Civil	Chris Langford	Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested

Please Provide coordinate or station & offset information for the ROW in the following Areas:

1. North Side from Sta 60+75 to 62+73.88 (Sheet 16)
2. South Side from 60+75 to 63+60.43 (Sheet 16)
3. North Side from 66+47.29 to 7617 (Sheet 16 & 17)
4. South Side from 74+51.54 to 78+32.69 (Sheet 17) including bent point at approx station 77+45

Response



Arapaho Phase 3 Request For Information Response

To Daniel J. Filer, HNTB

Date August 18, 2004

Originator Andrew Schneemann, Archer Western

RFI Number R-AW3

Subject ROW Information

Request Please provide coordinate or station & offset info for the ROW on sheets 16 & 17

Response/Action Taken:

The attached sheets were created and should answer the questions concerning the coordinates given in the RFI

By: Daniel J. Filer, HNTB

Date: August 18, 2004

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 4

Date : July 26, 2004

Submitted To:
HNTB
5910 W. Plano Parkway, Ste 200
Plano, Texas 75093
Guy Van Buren c/o Jennifer Nicewander

Submitted By:
Archer Western Contractors, Ltd.

Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
Cross slope information	Civil	Chris Langford	Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested:

The Typical Sections for stations 67+00 to 85+50 show a typical cross slope of 1/4" / FT with a note that the cross slope may vary from the typical and to see Paving Plans for proposed grades.

The Paving Plan shows the proposed cross slopes from station 34+12 to station 51+00 (sheet 41 to 45), and the bridge layout sheets show the proposed cross slope for the bridge, station 51+00 to 66+85 (sheets 239 to 242), but the proposed cross slopes where not included from 66+85 to 85+50.(Sheets 48 to 51)

Please Provide the cross slope information for the proposed roadway from station 66+85 to 85+50. (Sheets 48 to 51)

Response:



The HNTB Companies

Arapaho Phase 3 Request For Information Response

To Jenny Nicewander, HNTB Corporation

Date August 4, 2004

Originator Andrew Schneemann, Archer Western

RFI Number R-AW4

Subject Cross Slope Information

Request Please provide the cross slope information for the proposed roadway from station 66+85 to 85+50.
(Sheets 48 to 51)

Response/Action Taken:

Use gutter grades on cross section sheets (shs 124 to 152) to determine cross slope information.

By: JSN Date: August 4, 2004

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 5

Date : July 26, 2004

Submitted To:
HNTB
5910 W. Plano Parkway, Ste 200
Plano, Texas 75093
Guy Van Buien c/o Jennifer Nicewander

Submitted By:
Archer Western Contractors, Ltd.

Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
Brickyard Excavation	Civil	Chris Langford	Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested

The brick yard excavation is only shown on the roadway cross sections. The limits of the excavation appears to extend beyond the limits of the ROW on several cross sections, and several cross sections do not have the ROW or Temp Construction Easement shown. Please review the following sheets and stations:

Sheet 149, Stations 78+00 to 80+50
Sheet 150, Stations 81+00 to 84+50

Do we perform brickyard excavation outside the ROW and or TCE?

Please provide a plan view with coordinate information for the brickyard excavation.

Response



Arapaho Phase 3 Request For Information Response

To Jenny Nicewander, HNTB Corporation

Date August 4, 2004

Originator Andrew Schneemann

RFI Number R-AW5

Subject Brickyard Excavation

Request Please provide a plan view with coordinate information for the brickyard excavation.

Response/Action Taken:

See final contract documents for actual required excavation.

By: JSN Date: August 4, 2004

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 6

Date : July 27, 2004

Submitted To:
HNTB
5910 W. Plano Parkway, Ste 200
Plano, Texas 75093
Guy Van Bulen c/o Jennifer Nicewander

Submitted By:
Archer Western Contractors, Ltd.

Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
Pipe Bedding	Civil		Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Maybe	Unknown	Unknown	Unknown	Unknown

Information Requested

Archer Western would like to utilize the attached crushed concrete for the for RCP & RCB bedding.

The geotechnical report prepared by Terra-Mar suggests in section 8.3.2 - "Culvert wall Backfill under pavement and MSE Walls" that crushed concrete is acceptable for use as bedding as long as it meets the gradations on table 7 (sheet 20 of the geotech report).

Please review the attached ASTM C33-357 sieve analysis for 1 1/2 " crushed concrete. The attached analysis meets the gradafions sat forth in table 7.

Please approve this material for usa on the project.

Response



The HNTB Companies

Arapaho Phase 3 Request For Information Response

To Daniel J. Filer, HNTB Corporation

Date July 29, 2004

Originator Andrew Schneemann, Archer Western

RFI Number R-AW6

Subject Pipe Bedding

Response/Action Taken:

(REVISED) The sieve analysis for 1 ½" crushed concrete provided by Big City Crushed Concrete Testing conforms to the requirements as set forth by Terra-Mar's geotechnical report and is approved for use.

By: Daniel J. Filer

Date: 07/29/04

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 7

Date : July 26, 2004

Submitted To:
HNTB
5910 W. Plano Parkway, Ste 200
Plano, Texas 75093
Guy Van Bulen c/o Jennifer Nicewander

Submitted By:
Archer Western Contractors, Ltd.

Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
ROW Alignment Conflicts	Civil	Chris Langford	Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested

Please review the north side ROW information at station 74+20.41 to 87+76.65 (sheets 17 to 19). The ROW in some areas appears to fall under the westbound roadway and other areas have significant amount of permanent work outside the limits shown.

Is work required outside the proposed ROW?

Please provide the correct boundary information.

Response



The HNTB Companies

Arapaho Phase 3 Request For Information Response

To Daniel J. Filer, HNTB

Date August 18, 2004

Originator Andrew Schneemann, Archer Western

RFI Number R-AW7

Subject ROW Alignment Conflicts

Request Please provide the correct boundary info for sheets 17, 18, and 19

Response/Action Taken:

The attached sheets were created and should answer the questions concerning the coordinates given in the RFI.

By: Daniel J. Filer, HNTB

Date: August 18, 2004

REQUEST FOR INFORMATIONPROJECT No. Arapaho Phase IIIRFI # 8Date : July 26, 2004

Submitted To:
 HNTB
 5910 W. Plano Parkway, Ste 200
 Plano, Texas 75093
 Guy Van Bulen c/o Jennifer Nicewander

Submitted By:
 Archer Western Contractors, Ltd.

 Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
Retaining Wall Offset	Civil	Chris Langford	Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested:

Please review the following information concerning the alignment of retaining walls 1 and 3.

Retaining Wall 1 :
 Paving Plan and profile Sheet 45 - Retaining wall #1 starting @ 46+00, 24.00' LT and ends @ 51+00, 28.50' LT
 The Retaining wall Plan and Profiles (sheet 119) show a same information as the Paving Plan and Profile sheets
 The Typical section for 46+00 to 51+00 shows an offset of 29' LT to the face of wall

Retaining Wall 3:
 Plan and profile Sheet 48 - Retaining wall #3 starting @ 66+65, 28.50' LT and ends @ 69+50, 34.40' LT
 The Retaining wall Plan and Profiles (sheet 121) show a same information as the Paving Plan and Profile sheets
 The Typical section for 67+00 to 70+60 shows an offset of 29' LT to the face of wall

Please answer the following:

1. Is the offset of the wall calculated from the face of coping or face of wall?
2. Do we use the offsets given to us in the Plan and Profile sheets?

Response:



Arapaho Phase 3 Request For Information Response

To Jenny Nicewander, HNTB Corporation

Date August 4, 2004

Originator Andrew Schneemann, Archer Western

RFI Number R-AW8

Subject Retaining Wall Offset

Request 1) Is the offset of the wall calculated from the face of coping or face of wall?
2) Do we use the offsets given to us in the Plan and Profile Sheets?

Response/Action Taken:

- 1) Offset was calculated from face of wall.
- 2) Use offsets given in plan/profile sheets.

By: JSN Date: August 4, 2004

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 9

Date : July 27, 2004

Submitted To:
HNTB
5910 W. Plano Parkway, Ste 200
Plano, Texas 75093
Guy Van Bulen c/o Jennifer Nicewander

Submitted By:
Archer Western Contractors, Ltd.

Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
Texas Concrete - U-Beam Questions	Civil	Burson Patton	Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested

Please review the attached letter from Texas Concrete (Archer western's U-Beam Precaster) concerning modification to the U-Beam Design.

Please review and answer as your earliest convenience.

Response



The HNTB Companies

Arapaho Phase 3 Request For Information Response

To Arthur Champlin, URS Corp.

Date August 4, 2004

Originator Andrew Schneemann, Archer Western

RFI Number R-AW9

Subject Texas Concrete U-Beam Questions

Request Please review the attached letter from Texas Concrete (Archer Western's U-Beam Precaster) concerning modification to the U-Beam design.

Response/Action Taken:

In response to this RFI, an email was received on 04Aug04 from Richard Beaupre, URS Corp. with the following:

"In response to RFI #9, we have no objection to coring holes through the U-beam webs for the #5 horizontal reinforcement for the transverse diaphragms in lieu of using mechanical couplers. We recommend 3" diameter holes be utilized, so that the diaphragm concrete can fill in around the #5 bars.

We recommend that the web diaphragm opening for the lower #9 reinforcement remain the same as shown in the plans."

By: DJF

Date: August 4, 2004

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 10

Date : August 2, 2002

Submitted To:
HNTB
6910 W. Plano Parkway, Ste 200
Plano, Texas 75093
Guy Van Buren c/o Jennifer Nicewander

Submitted By:
Archer Western Contractors, Ltd.

Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
Strom Sewer Manholes	Civil	Kelly Brannum	Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested:

In Reference to the Town of Addison Construction Specifications and Contract Documents, please refer to the Technical Specification, Section WSS, in paragraph titled 'CONNECTIONS AT MANHOLES', it states "Manholes are to be poured in place with six sack minimum concrete mix."

To expedite the project, we would like the option to use precast manholes on the sanitary sewer. Is this acceptable?

Please review and answer as your earliest convenience.

Response:



Arapaho Phase 3 Request For Information Response

To Daniel J. Filer, HNTB Corporation

Date August 2, 2004

Originator Andrew Schneemann, Archer Western

RFI Number R-AW10

Subject Storm Sewer Manholes

Request In reference to the Town of Addison Construction Specifications and Contract Documents, please refer to the Technical Specification, Section WSS, in paragraph titled 'CONNECTION AT MANHOLES', it states "Manholes are to be pured in place with six sack minimum concrete mix."
To expedite the project, we would like the option to use precast manholes on the sanitary sewer. Is this acceptable?

Response/Action Taken:

Precast manholes are allowed to be used as long as the manholes conform to NCTCOG, item 2.19, "PRECAST REINFORCED MANHOLE SECTIONS". Contractor must submit fabricator specs to HNTB for approval of conformance to NCTCOG. Contractor should verify conformance of fabricator's specifications before submitting for approval.

By: DJF

Date: August 2, 2004

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 11

Date : August 3, 2004

Submitted To:
HNTB
5910 W. Plano Parkway, Ste 200
Plano, Texas 75093
Guy Van Bulen c/o Jennifer Nicewander

Submitted By:
Archer Western Contractors, Ltd.

Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
Pipe Sleeve and Bearing Plate Modifications	Civil		Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested

Please review the attached drawing and plan sheet BR-42.

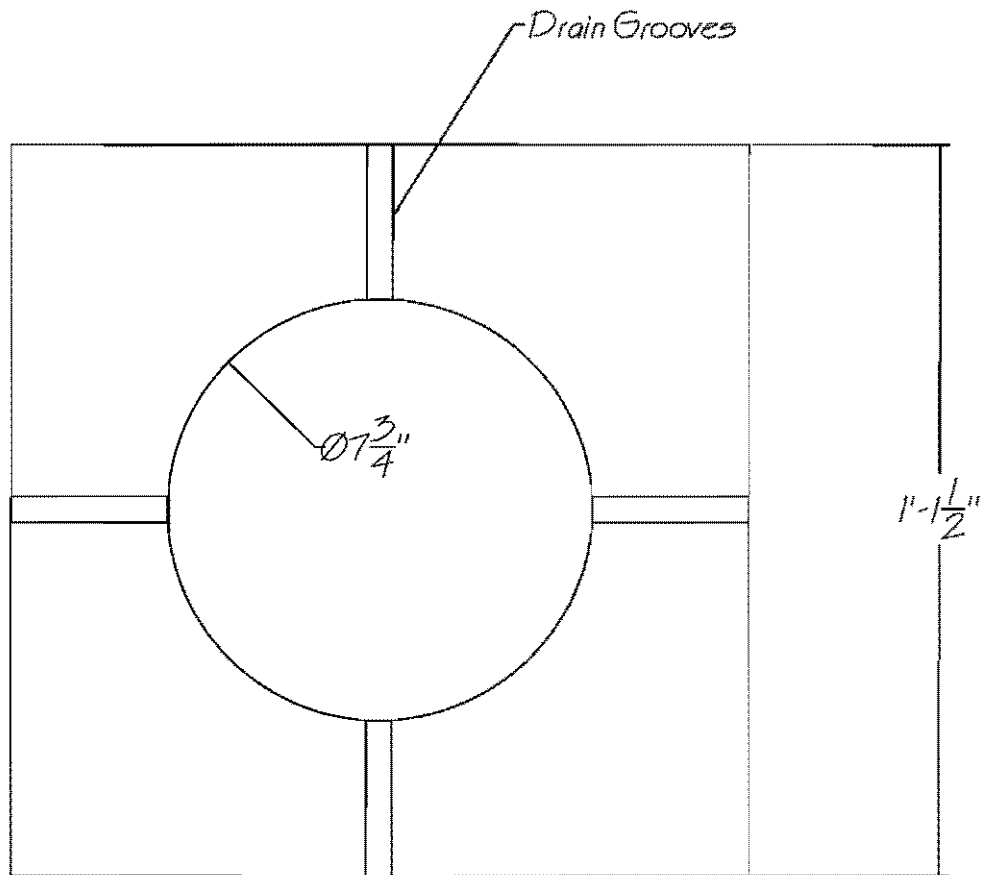
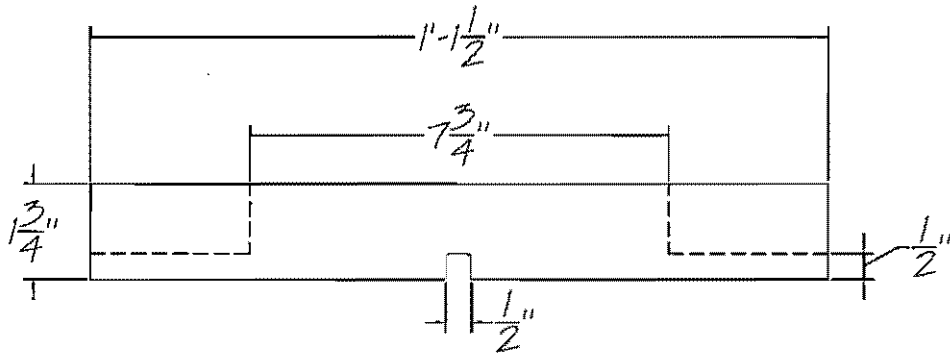
The manufacturer of the cylindrical socket, Clodfelter Bridge and Structures International, Inc. (CBSI), has informed Archer Western that the steel guide pipe detailed on BR-42 is incorrect. The Type 7 anchor socket actual outside diameter is 7 9/16" and CBSI will require an additional 1/4" around the socket for installation.

The attached drawing on the Steel guide pipe and Bearing plate show our proposed changes. The changes are as follow:

1. The pipe was changed to a galvanized 8" schedule 20 pipe, ID 8.125" OD 8.625"
2. The bearing plate was enlarged to 1.12' x 1.12' to compensate for the lose in bearing area from the larger pipe opening.

Please expedite the approve these changes, so that we can proceed with the shop drawings and submittals.

Response



Bearing Plate
 Hot Dipped Galv. - A153
 18 EA

**Arapaho Phase 3
Request For Information
Response**

To Cliff Hall, URS Corporation

Date August 3, 2004

Originator Andrew Schneemann, Archer Western

RFI Number R-AW11

Subject Pipe Sleeve and Bearing Plate Modifications

Request The manufacturer of the cylindrical socket, Clodfelter Bridge and Structures International, Inc. (CBSI), has informed Archer Western that the steel guide pipe detailed on BR-42 is incorrect. The Type 7 anchor socket actual outside diameter is 7 9/16" and CBSI will require an additional 1/4" around the socket for installation.

The attached drawing on the Steel guide pipe and Bearing plate show the proposed changes. The changes are as follow:

1. The pipe was changed to a galvanized 8" schedule 20 pipe, ID 8.125" OD 8.625"
2. The bearing plate was enlarged to 1.12' x 1.12' to compensate for the loss in bearing area from the larger pipe opening.

Response/Action Taken:

Via email, Richard Beaupre had the following response:

"In response to RFI #11, we agree to the following changes per the latest manufacturers anchorage dimensions (we had contacted the manufacturer during design and we were advised to use a pipe with 7 1/2" ID):

1. The pipe changed to 8" schedule 20 (ASTM A53 - ID 8.125" and OD 8.625").
2. The bearing plate enlarged to 1.125"x1.125" with a 7 3/4" diameter opening.

It was our intention to place the bearing plate prior to casting the diaphragms. The bearing plate should be tack welded to the pipe."

By: Daniel J. Filer

Date: August 5, 2004

REQUEST FOR INFORMATIONPROJECT No. Arapaho Phase IIIRFI # 11ADate : August 3, 2004

Submitted To:
 HNTB
 5910 W. Plano Parkway, Ste 200
 Plano, Texas 75093
 Guy Van Bulen c/o Jennifer Nicewander

Submitted By:
 Archer Western Contractors, Ltd.

 Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
Pipe Sleeve and Bearing Plate Modifications	Civil		Steve Chutchlan

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested:

Please review the attached drawing and plan sheet BR-42.

The manufacturer of the cylindrical socket, Clodfelter Bridge and Structures International, Inc. (CBSI), has informed Archer Western that the steel guide pipe detailed on BR-42 is incorrect. The Type 7 anchor socket actual outside diameter is 7 9/16" and CBSI will require an additional 1/4" around the socket for installation.

The attached drawing on the Steel guide pipe and Bearing plate show our proposed changes. The changes are as follow:

1. The pipe was changed to a galvanized 8" schedule 20 pipe, ID 8.125" OD 8.625"
2. The bearing plate was enlarged to 1.12' x 1.12' to compensate for the lose in bearing area from the larger pipe opening.

Please expedite the approve these changos, so that we can proceed with the shop drawings and submittals.

REVISED:

Please at the attached drawing of the Bearing Plate. The inside of the plate was changed to 7 3/4" Dia opening.

Response:

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 12

Date : August 4, 2004

Submitted To:
HNTB
5910 W. Plano Parkway, Ste 200
Plano, Texas 75093
Guy Van Bulen c/o Daniel Filer

Submitted By:
Archer Western Contractors, Ltd.

Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
Slab Dowel Cup - Modifications	Civil		Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested

Please review plan sheet BS-9.

Archer Western would like to use a 4x2x3/16 Rectangular Structural Tubing in lieu of the 4" diameter Flattened Steel Pipe, detailed on sheet BS-9.

Is this acceptable?

Response

REQUEST FOR INFORMATIONPROJECT No. Arapaho Phase IIIRFI # 12 - RevisedDate : August 19, 2004

Submitted To:
HNTB
5910 W. Plano Parkway, Ste 200
Plano, Texas 75093
Guy Van Buren c/o Daniel Filer

Submitted By:
Archer Western Contractors, Ltd.

Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
Slab Dowel Cup - Modifications	Civil		Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested

Please review plan sheet BS-9.

Archer Western would like to use a 6x3x1/4 Rectangular Structural Tubing in lieu of the 4" diameter Flattened Steel Pipe, detailed on sheet BS-9.

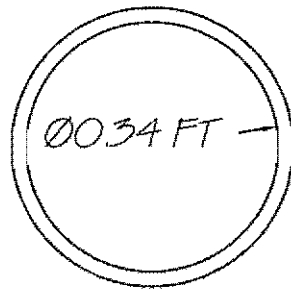
Please attached Drawing of Current and Proposed Cup

Is this acceptable?

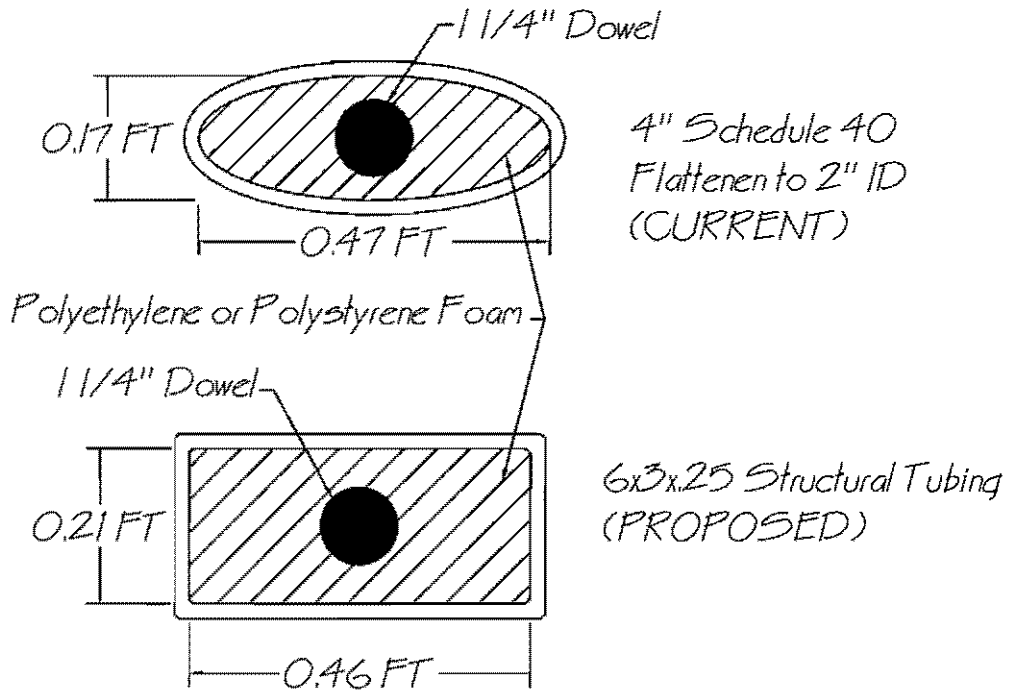
Response

RFI #12

Dowel Cup material



4" Schedule 40
Pipe
4" Schedule 20 Pipe
is Unavailable, Used
Schedule 40 Pipe.





Arapaho Phase 3 Request For Information Response

To Daniel J. Filer, HNTB Corporation

Date August 31, 2004

Originator Andrew Schneemann, Archer Western

RFI Number R-AW12

Subject Slab Dowel Cup Modifications

Request A.W. would like to use a 6x3x1/4 rectangular structural tubing in lieu of the 4" diameter flattened steel pipe, detailed on sheet BS-9. Is this acceptable.

Response/Action Taken:

It is preferred that a 5 1/2 X 2 X 3/16 be used. This appears to be a standard shape.

By: Daniel J. Filer, HNTB Corporation

Date: August 31, 2004

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 13

Date : August 4, 2004

Submitted To:
HNTB
5910 W. Plano Parkway, Ste 200
Plano, Texas 75093
Guy Van Bulen c/o Daniel Filer

Submitted By:
Archer Western Contractors, Ltd.

Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
Bronze Monument Plaque - Information	Civil		Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested

Please review General note 10 on sheet BR-1.

Note 10 states that the Contractor is to coordinate with the Town of Addison for the Location, Wording and Mounting Details for the Bronze monuments.

Please provide the details to manufacture and install the 24" x 24" Bronze plaque.

Response

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 14

Date : August 18, 2004

Submitted To:
HNTB 5910 W. Plano Parkway, Ste 200 Plano, Texas 75093 Guy Van Bulen c/o Daniel Filer

Submitted By:
Archer Western Contractors, Ltd. Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
Existing Concrete at The Rink	Civil		Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested
<p>Please Review the Following Sheets:</p> <ol style="list-style-type: none"> 1. Sheet 24 shows removal of the paving in question at approx sta 61+65 to 62+65. 2. Sheet 59 shows removing the Stripping in the area in question 3. Sheet 63 shows matching the existing paving with the curb and gutter in the area in question. <p>The previous lets Archer Western to believe that sheet 24 is a mistake and the paving in question is not to be removed.</p> <p>Please provide direction on the exact areas to be demolished in the Rink parking lot.</p>

Response



Arapaho Phase 3 Request For Information Response

To Guy Van-Baulen

Date August 26, 2004

Originator Andrew Schneemann, Archer Western

RFI Number R-AW14

Subject Existing Concrete at the Rink

Request Sheets 24, 59 & 63 lead Archer Western to believe that there are mistakes and there is question as to what pavement should be removed.

Response/Action Taken:

1. Sheet 24 – pavement to be removal as per the indicate area for approx. Sta 61+25 to 62+65.
2. Sheet 59 - The two notes in question "removal existing striping", is to be deleted from the sheet 59.
3. Sheet 63 – The note "Match existing pavement grades", should read "Proposed conc. pavement to match existing pavement elevations". The contractor is directed to place the new pavement as per Sheet 58 indicates the area of proposed concrete pavement.

By: Guy Van-Baulen, HNTB

Date: August 26, 2004

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 15

Date : August 19, 2004

Submitted To:
HNTB
5910 W. Plano Parkway, Ste 200
Plano, Texas 75093
Guy Van Bulen

Submitted By:
Archer Western Contractors, Ltd.

Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
12" Valve @ 60" Waterline	Civil	Kelly Brannum	Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested

Please reference the attached DWU-1 Sheet

On Sheet DWU-1, the plan view of the "Typical Butterfly Valve Installation with Blowoff & M.H." shows a 12" flanged outlet with a 6" bypass gate valve. In section E-E a 6" Flanged Outlet with a 12" by-pass Gate valve is shown for the same location. Since no reducer is shown on either side of the valve and the valve connects into 6x6 flang tee, we conclude the correct installation is to have a 6" flanged outlet with a 6" by-pass gate valve.

Please attached Drawing of Current and Proposed Cup

Do you concur?

Response



Arapaho Phase 3 Request For Information Response

To Daniel J. Filer, HNTB

Date August 27, 2004

Originator Andrew Schneeman, Archer Western

RFI Number R-AW15

Subject 12" Valve @ 60" Waterline

Request Verify or correct call out on sheet DWU-1 where 12" flanged outlet is coupled with 6" by-pass valve.

Response/Action Taken:

As per an email correspondence between Katura Curry, Grantham and Assoc. and Jose Orozco, DWU, "the correct installation is to have a 6" flanged outlet with a 6" by-pass gate valve, not 12" as indicated".

By: Daniel J. Filer, HNTB

Date: 08/27/2004

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 16

Date : August 24, 2004

Submitted To
HNTB 5910 W. Plano Parkway, Ste 200 Plano, Texas 75093 Guy Van Bulen

Submitted By
Archer Western Contractors, Ltd. Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
Tree Removal Adjacent to DWU 60" Waterline	Civil		Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested
<p>In confirmation of conversations between Archer Western and HNTB, Archer Western is proposing to following procedures for clearing trees adjacent to the 60" DWU Waterline:</p> <ol style="list-style-type: none"> 1. All trees greater than 4" in diameter and outside the proposed roadway, will be cut off at or below existing ground level and will embanked upon with a minimum of 2' of material 2. All trees, greater tha 4" in diameter and under roadway, will have the rootball removed and dirt embanked to final dirt grade. <p>Do you concure with the above procedures?</p>

Response

REQUEST FOR INFORMATION

RFI # 17

PROJECT No. Arapaho Phase III

Date : August 25, 2004

Submitted To
HNTB 5910 W. Plano Parkway, Ste 200 Plano, Texas 75093 Guy Van Bulen

Submitted By
Archer Western Contractors, Ltd. Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
General Provisions	Specification		Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested
<p>The Contract Specifications state that the General Provisions of the Contract shall be stated in the Standard Specifications for Public Work Construction, North Texas Council of Government (4th Edition, 2002), Under Division 100. "General Provisions",.....</p> <p>The Contract Plans reference specifications in the 3rd edition of the Standard Specifications for Public Work Construction, North Texas Council of Government (NTCOG).</p> <p>The 4th Edition of the NTCOG has not published any construction details on verbal specifications.</p> <p>Which Edition of the NTCOG will be utilized for the remainder of the Project?</p>

Response

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 18

Date : August 25, 2004

Submitted To
HNTB
5910 W. Plano Parkway, Ste 200
Plano, Texas 75093
Guy Van Bulen

Submitted By
Archer Western Contractors, Ltd.

Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
Roadway Grade	Civil	Chris Langford	Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested

Please review the attached spreadsheet and cross section.

Archer Western has identified a problem with the calculation of the median curb grades. The grades as currently calculated causes large undulations in the roadway profile.

Archer Western has calculated the curb grades based on the PGL and cross slope, allowing the curb grade to be set by the offset and cross slope. Archer Western's version does put a small cross slope in the median island verse the plans show an island with no cross slope.

This is a complex issue to explain, Archer Western would like to meet with the engineer to discuss this issue.

Please let Archer Western know when we can meet on this issue.

Response

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 19

Date : August 25, 2004

Submitted To:
HNTB
5910 W. Plano Parkway, Ste 200
Plano, Texas 75093
Guy Van Bulen

Submitted By:
Archer Western Contractors, Ltd.

Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
MSE Top of wall Grades	Civil	Chris Langford	Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested:

Please review the attached spreadsheet .

Archer Western has calculated the top of MSE wall grades based on the Vertical and cross slope information provided in the plans.

Please verify the attached grades for the MSE Walls 1,2,3 & 4.

Response:

Retaining Wall Top of Wall Grades

RFI 19

Retaining Wall (1)		
Station	Top of Wall Grade	
51+00	621.44	
50+50	619.94	
50+00	618.43	
49+50	616.93	
49+00	615.43	
48+50	613.93	
48+00	612.43	
47+50	610.93	
47+00	609.42	
46+50	607.92	
46+00	606.42	

Retaining Wall (3)		
Station	Top of Wall Grade	
66+65	633.53	
67+00	632.71	
67+50	631.56	
68+00	630.40	
68+50	629.23	

Retaining Wall (2)		
Station	Top of Wall Grade	
51+00	621.53	
50+50	620.03	
50+00	618.53	
49+50	617.03	
49+00	615.52	
48+50	614.02	
48+00	612.52	
47+50	611.02	
47+00	609.52	
46+50	608.02	
46+00	606.51	

Retaining Wall (4)		
Station	Top of Wall Grade	
66+65	634.88	
67+00	634.21	
67+50	633.13	
68+00	632.07	
68+50	631.04	
69+00	629.99	
69+50	628.96	
70+00	628.02	
70+50	627.04	
70+60	626.82	

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 20

Date : August 26, 2004

Submitted to:
HNTB
5910 W. Plano Parkway, Ste 200
Plano, Texas 75093
Guy Van Bulen

Submitted By:
Archer Western Contractors, Ltd.

Andrew Schneemann

Subject	Discipline	Co-Author	Copies to
Longitudinal Weld Seam	Civil	King Fabrication	Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested

King Fabrication has the follow fabrication question:

The 36" pipe for the arch has longitudinal weld seam. When end welding the pipe together most welding codes require rotating the pipe at least 90 degrees from the adjacent pipe so that the pipe seams do not align .

Does the Designer or Owner have a preference?

The pipe is ready to be sent to the bender and this question must be answered before the pipe is bent.
Please expedite this question as not to cause any delay in the fabrication of the arch.

Response

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 21

Date : August 26, 2004

Submitted To:
HNTB
5910 W. Plano Parkway, Ste 200
Plano, Texas 75093
Guy Van Bulen

Submitted By:
Archer Western Contractors, Ltd.

Andrew Schneemann

Subject	Discipline	Co-Author	Copies to
Stinger	Civil	King Fabrication	Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested:

King Fabrication has the follow fabrication question:
 The Steel for the stinger is specified as A572-50 T1, is CVN necessary of the stinger since it is decorative only?

Response:

REQUEST FOR INFORMATIONPROJECT No. Arapaho Phase IIIRFI # 22Date : August 26, 2004

Submitted To
 HNTB
 5910 W. Plano Parkway, Ste 200
 Plano, Texas 75093
 Guy Van Buren

Submitted By
 Archer Western Contractors, Ltd.

 Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
Inspections	Civil	King Fabrication	Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested

King Fabrication has the follow fabrication question:

When will the Owner want to inspect the fabrication shop facilities. Before the pipe is sent to bender or at the start of fabrication?

The pipe is ready to be sent to the bender and this question must be answered before the pipe is bent.

Please expedite this question as not to cause any delay in the fabrication of the arch.

Response



The HNTB Companies

Arapaho Phase 3 Request For Information Response

To Guy Van-Baulen

Date August 27, 2004

Originator Andrew Schneemann

RFI Number R-AW22

Subject Inspections

Request When will the owner/inspector require inspection of materials

Response/Action Taken:

HNTB and Town of Addison does not wish to inspect materials prior to bending. Please advise once pipe is bent and fabrication is ready to begin.

By: Guy Van-Baulen, HNTB

Date: August 27, 2004

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 23

Date : August 26, 2004

Submitted To:
HNTB
5910 W. Plano Parkway, Ste 200
Plano, Texas 75093
Guy Van Bulen

Submitted By:
Archer Western Contractors, Ltd.

Andrew Schneemann

Subject	Discipline	Co-Author	Copies To
Proposed Parking lot work at the Rink	Civil		Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

Information Requested

Through Field discussions between HNTB and Archer Western personnel, there appears to be different views on how to construct the work in the Rink parking Lot area. Archer Western would like to clarify this issue with the following.

Please reference plan sheets 24 & 59.

Archer Westerns interpretation of the plans concerning the Rink parking lot is as follows:

1. Plan sheet 24 shows the sawcut and removal at the back of the proposed curb.
2. The contract has no provision for installing curb and gutter, only integral curb.
3. Archer Western intends to install doweled curb in accordance with NTCOG standard drawing 2120 on the existing paving and integral curb on new or replaced paving.

Please concur with Archer Western interpretation on how the proceed with the work at the Rink Parking Lot area or provide direction at your earliest convenience as not to delay the demolition work.

Response

07/26/2003 07:09 8175030289
JUL 20 2004 PM 12:42 PM ARCHER WESTERN TEXAS
Jul 22 04 03:48p

ARCHER WESTERN

FAX NO. 817 640 8734

PAGE 01

P. 02

817-887-7631

P. 2



TEXAS CONCRETE COMPANY
POST OFFICE DRAWER 1070 VICTORIA, TEXAS 77902-1070
361-873-9148 FAX: 361-878-8888

February 3, 2004

Archer Western Contractors, LTD
2121 Avenue J, Suite 103
Arlington, Texas 76006

Attention: Mr. Andrew Schneeman

Re: Arapaho Road Phase III
Sheet BR 44

Gentlemen:

We are requesting that the mechanical couplers that are located on the web of the "U" beam be eliminated and be replaced by an open hole thru the web. This would allow for a continuous bar to be used and a lap only between each "U" beam. These holes could be drilled after pouring.

Also the blockout in the bottom flange need some draft. Please inform us to the maximum dimensions the hole can be on the outside face and the minimum dimensions the hole can be on the inside face.

If you have any questions, please advise.

Best regards,

TEXAS CONCRETE COMPANY

Burson Patton
Vice-President, Engineering

BP:bgo

QTE Group, Inc.
9200 King Arthur
Dallas, Texas 75247
(214) 678-0227

PROJECT INSPECTION
REPORT

PROJECT: Big City Crushed Concrete Testing Job No.: 00011.0012.04-0082G
CLIENT: Big City Crushed Concrete Date: 4/14/04
(Dallas Plant)(Sample #1) Material: 1 1/2 Cr. Concrete
Remarks: Sampled 4/13/04 by Client Page: 1 of 1

Sieve Analysis
Test Method: (ASTM C33 - 357)

Size	Actual	Standard
2 1/2"	100	100
2"	100	95 - 100
1"	62.3	35 - 70
3/4"	17.7	10 - 30
No. 4	2.3	0 - 5

Respectfully submitted,
Lawrence Kelley
Lawrence Kelley, P.E.

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Archer Western
Andrew
817-503-0298

REQUEST FOR INFORMATION

PROJECT No. Arapaho Phase III

RFI # 1

Date : July 26, 2004

Submitted To:
HNTB
5910 W. Plano Parkway, Ste 200
Plano, Texas 75093
Guy Van Bulen c/o Jennifer Nicewander

Submitted By:
Archer Western Contractors, Ltd.

Andrew Schneemann

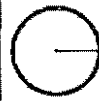
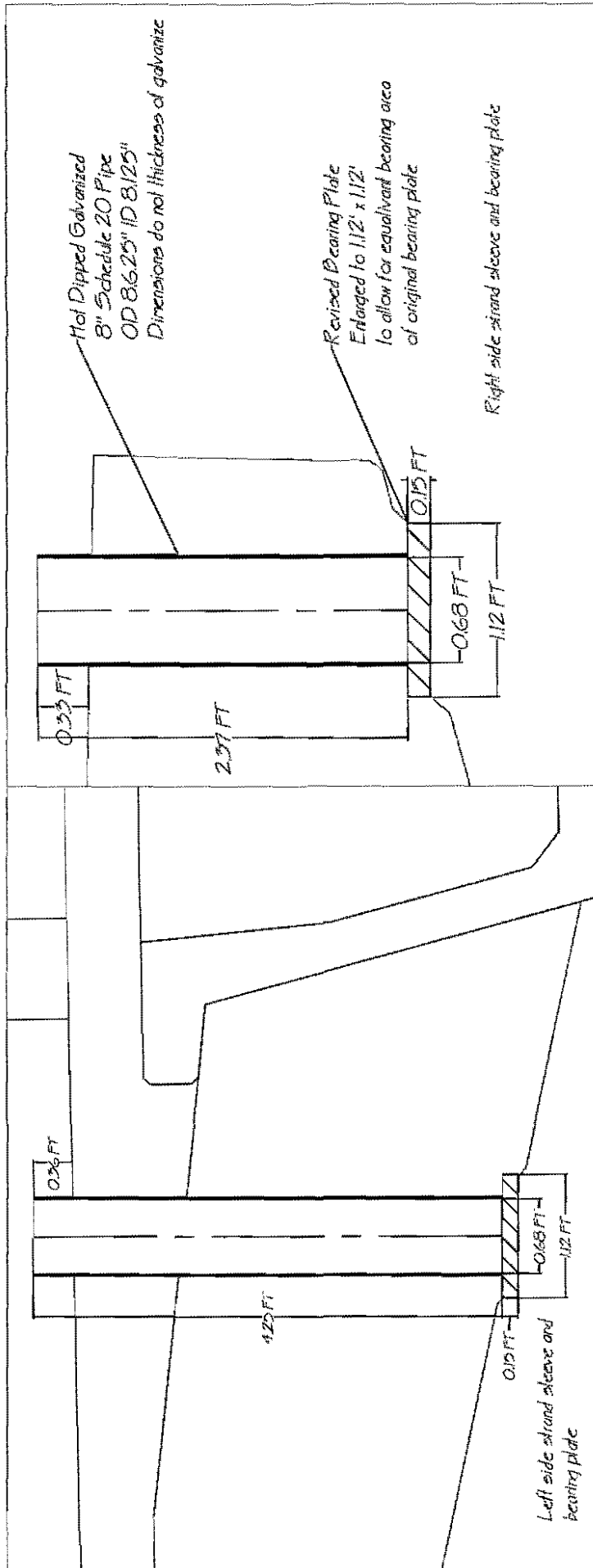
Subject	Discipline	Co-Author	Copies To
Existing Ground Profiles	Civil	Chris Langford	Steve Chutchian

Cost Impact	Amount	Schedule Impact	Days	Drawing Impact
Unknown	Unknown	Unknown	Unknown	Unknown

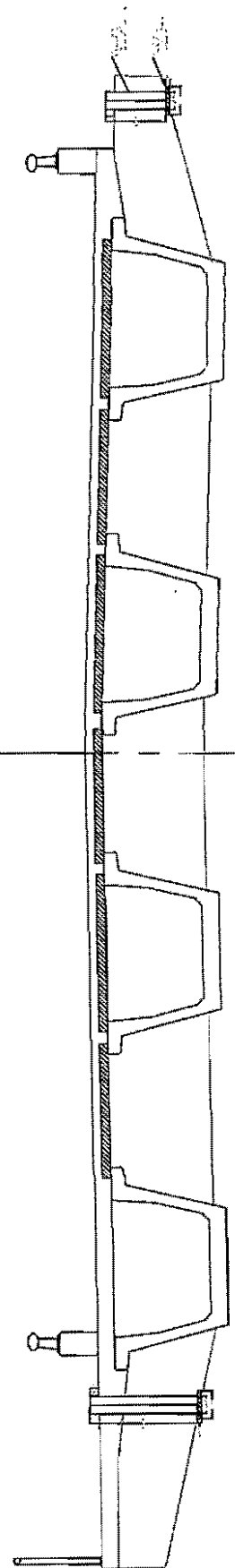
Information Requested

If available, please provide a copy of the existing ground elevations in an ASCII or Geopak Format.

Response



Span 9





Arapaho Phase 3 Request For Information Response

To Daniel J. Filer, HNTB Corporation Date August 31, 2004

Originator Andrew Schneemann, Archer Western

RFI Number R-AW19

Subject MSE Top of Wall Grades

Request Verify the calculated grades for the MSE Walls 1,2,3 & 4

Response/Action Taken:

The calculations by Archer Western have been verified as being correct.

By: Daniel J. Filer, HNTB Corporation

Date: August 31, 2004

Retaining Wall Top of Wall Grades

RFI 19

Retaining Wall (1)	
Station	Top of Wall Grade
51+00	621.44
50+50	619.94
50+00	618.43
49+50	616.93
49+00	615.43
48+50	613.93
48+00	612.43
47+50	610.93
47+00	609.42
46+50	607.92
46+00	606.42

Retaining Wall (3)	
Station	Top of Wall Grade
66+65	633.53
67+00	632.71
67+50	631.56
68+00	630.40
68+50	629.23

Retaining Wall (2)	
Station	Top of Wall Grade
51+00	621.53
50+50	620.03
50+00	618.53
49+50	617.03
49+00	615.52
48+50	614.02
48+00	612.52
47+50	611.02
47+00	609.52
46+50	608.02
46+00	606.51

Retaining Wall (4)	
Station	Top of Wall Grade
66+65	634.88
67+00	634.21
67+50	633.13
68+00	632.07
68+50	631.04
69+00	629.99
69+50	628.96
70+00	628.02
70+50	627.04
70+60	626.82

REVIEW	NO EXCEPTIONS TAKEN <input checked="" type="checkbox"/> MAKE CORRECTIONS NOTED <input type="checkbox"/> AMEND AND RESUBMIT <input type="checkbox"/> REJECTED-SEE REMARKS <input type="checkbox"/>
Review is only for general agreement with design and construction of Contract Documents. Cost factor is solely contractor's responsibility. Review does not include fabrication processes, methods, materials, quantities, or construction details. Review is for general location of work of all trades. Check for proper construction and materials. Review does not include work resulting in contract cost RFI's and cannot be stated as separate factor or Change Order.	
HINTON ARCHITECT-ENGINEER-PLANNERS 8010 W. FLORIO PARKWAY, SUITE 200 PLANO, TX 75075 972-951-5020	DATE <u>10/31/04</u>