INDIANA DEPARTMENT OF NATURAL RESOURCES
CROSLEY FISH AND WILDLIFE AREA
DAM IMPROVEMENTS PROJECT

PROJECT NO. ENG1802321631/E020098
MAY 2018

IDNR DIRECTOR - CAMERON F. CLARK
GOVERNOR OF INDIANA - ERIC J. HOLCOMB

COMMONWEALTH ENGINEERS, INC.
1. The number of the project no. is to be recorded on the top left sheet of this volume to be conveyed for the identification
   and control of the project.

2. DESIGN AND CONSTRUCTION INFORMATION:
   a. SITE LOCATION:
   b. CLIENT:
   c. PROJECT MANAGER:
   d. SITE SUPERVISOR:
   e. DESIGNER:
   f. CONTRACTOR:
   g. INSPECTOR:
   h. MATERIALS MANAGER:
   i. INVOICE MANAGER:
   j. DOCUMENT MANAGER:

3. DRAWING SHEETS:
   a. SHEET NO.
   b. TITLE
   c. SHEET SIZE
   d. SHEET SCALE
   e. SHEET SHEET
   f. SHEET SHEET
   g. SHEET SHEET
   h. SHEET SHEET

4. GENERAL NOTES:
   a. INFORMATION ON THIS DRAWING IS INTENDED ONLY FOR THE IDENTIFIED PROJECT SHOWN ON THIS DRAWING.
   b. INFORMATION ON THIS DRAWING IS INTENDED ONLY FOR THE IDENTIFIED PROJECT SHOWN ON THIS DRAWING.
   c. INFORMATION ON THIS DRAWING IS INTENDED ONLY FOR THE IDENTIFIED PROJECT SHOWN ON THIS DRAWING.
   d. INFORMATION ON THIS DRAWING IS INTENDED ONLY FOR THE IDENTIFIED PROJECT SHOWN ON THIS DRAWING.
   e. INFORMATION ON THIS DRAWING IS INTENDED ONLY FOR THE IDENTIFIED PROJECT SHOWN ON THIS DRAWING.
   f. INFORMATION ON THIS DRAWING IS INTENDED ONLY FOR THE IDENTIFIED PROJECT SHOWN ON THIS DRAWING.
   g. INFORMATION ON THIS DRAWING IS INTENDED ONLY FOR THE IDENTIFIED PROJECT SHOWN ON THIS DRAWING.
   h. INFORMATION ON THIS DRAWING IS INTENDED ONLY FOR THE IDENTIFIED PROJECT SHOWN ON THIS DRAWING.

5. PROJECT ALTERNATIVES:
   a. ALTERNATIVE 1: ADD PROVIDE FOR EXISTING TRUNK LINE KEEPING IN ADJUSTMENT DURING CONSTRUCTION.
   b. ALTERNATIVE 2: ADD PROVIDE FOR EXISTING TRUNK LINE KEEPING IN ADJUSTMENT DURING CONSTRUCTION.
   c. ALTERNATIVE 3: ADD PROVIDE FOR EXISTING TRUNK LINE KEEPING IN ADJUSTMENT DURING CONSTRUCTION.
   d. ALTERNATIVE 4: ADD PROVIDE FOR EXISTING TRUNK LINE KEEPING IN ADJUSTMENT DURING CONSTRUCTION.
   e. ALTERNATIVE 5: ADD PROVIDE FOR EXISTING TRUNK LINE KEEPING IN ADJUSTMENT DURING CONSTRUCTION.
   f. ALTERNATIVE 6: ADD PROVIDE FOR EXISTING TRUNK LINE KEEPING IN ADJUSTMENT DURING CONSTRUCTION.
   g. ALTERNATIVE 7: ADD PROVIDE FOR EXISTING TRUNK LINE KEEPING IN ADJUSTMENT DURING CONSTRUCTION.
   h. ALTERNATIVE 8: ADD PROVIDE FOR EXISTING TRUNK LINE KEEPING IN ADJUSTMENT DURING CONSTRUCTION.

6. RETAINING WALL SECTIONS AND DETAILS
   a. DRAWING NO.
   b. DRAWING NO.
   c. DRAWING NO.
   d. DRAWING NO.
   e. DRAWING NO.
   f. DRAWING NO.
   g. DRAWING NO.
   h. DRAWING NO.

7. SOPHISTICATED SYSTEMS ARE TO BE PROJECT MANUFACTURED USING METAL CONSTRUCTION NER TO ESTABLISH THE EXISTING LOCATION AND ASK THE EXISTING LOCATION.
   a. DRAWING NO.
   b. DRAWING NO.
   c. DRAWING NO.
   d. DRAWING NO.
   e. DRAWING NO.
   f. DRAWING NO.
   g. DRAWING NO.
   h. DRAWING NO.

8. PHONE NUMBER FOR OWNER INQUIRY:
   a. (317) 888-1177
   b. (317) 888-1177
   c. (317) 888-1177
   d. (317) 888-1177
   e. (317) 888-1177
   f. (317) 888-1177
   g. (317) 888-1177
   h. (317) 888-1177

9. DRAWING INDEX SHEET LEGENDS:
   a. SHEET SHEET
   b. SHEET SHEET
   c. SHEET SHEET
   d. SHEET SHEET
   e. SHEET SHEET
   f. SHEET SHEET
   g. SHEET SHEET
   h. SHEET SHEET

10. GENERAL NOTES:
    a. INFORMATION ON THIS DRAWING IS INTENDED ONLY FOR THE IDENTIFIED PROJECT SHOWN ON THIS DRAWING.
    b. INFORMATION ON THIS DRAWING IS INTENDED ONLY FOR THE IDENTIFIED PROJECT SHOWN ON THIS DRAWING.
    c. INFORMATION ON THIS DRAWING IS INTENDED ONLY FOR THE IDENTIFIED PROJECT SHOWN ON THIS DRAWING.
    d. INFORMATION ON THIS DRAWING IS INTENDED ONLY FOR THE IDENTIFIED PROJECT SHOWN ON THIS DRAWING.
    e. INFORMATION ON THIS DRAWING IS INTENDED ONLY FOR THE IDENTIFIED PROJECT SHOWN ON THIS DRAWING.
    f. INFORMATION ON THIS DRAWING IS INTENDED ONLY FOR THE IDENTIFIED PROJECT SHOWN ON THIS DRAWING.
    g. INFORMATION ON THIS DRAWING IS INTENDED ONLY FOR THE IDENTIFIED PROJECT SHOWN ON THIS DRAWING.
    h. INFORMATION ON THIS DRAWING IS INTENDED ONLY FOR THE IDENTIFIED PROJECT SHOWN ON THIS DRAWING.
BASE BID HARD ARMOR - HYDROTURF CS SYSTEM:
1. BASE BID EMERGENCY SPILLWAY SHALL BE FOR THE INSTALLATION OF HYDROTURF CS SYSTEM PER DETAIL SPECIFICATION SECTION 19 HYDROTURF. WITHIN THAT SPECIFICATION SECTION, PRODUCT INSTALLATION DETAILS AND REQUIREMENTS ARE PROVIDED.
3. GEOGRID AND FILTER FABRIC SHALL BE INSTALLED UNDER CONCRETE ARMOR UNITS AND ANCHORED UNDER HYDROTURF CS SYSTEM DOWNSTREAM FOUR (4) FT. DEEP CONCRETE ANCHOR TRENCH (REFER TO DETAIL SPECIFICATION SECTION 19 LIST OF FIGURES).

ALTERNATE 3 HARD ARMOR - ARTICULATED CONCRETE BLOCK:
1. ALTERNATE 3 ARTICULATED CONCRETE BLOCK MAT OPTION IS SHOWN FOR THE EMERGENCY SPILLWAY PLANS. REFER TO DETAIL SPECIFICATION 09 ARTICULATED CONCRETE BLOCK MATS FOR DETAILS.
EXIST. LAKE NORMAL POOL ELEVATION 695.65±

CLASS I RIPRAP (TYP.)
(REFER TO CREST RAISE & UPSTREAM EMBANKMENT RIPRAP DETAIL)

RAISE CREST TO ELEV. 702.00 (TYP.)

REVISIONS

REVISED BY:

DATE:

JOB NO:

SCALE:

AS NOTED

PROJECT NO. ENG1802321631/E020098

DOF RMK ALR

7256 Company Dr.
Indianapolis, IN 46237
(317) 888-1177

9604 Coldwater Road, Suite 203
Fort Wayne, IN 46825
(260) 494-3223

1419 W. Lloyd Expressway, Suite 401
Evansville, IN 47710
(812) 474-1177

INDIANA DEPARTMENT OF NATURAL RESOURCES
CROSLEY FISH & WILDLIFE AREA - CROSLEY LAKE DAM IMPROVEMENTS PROJECT

DAM CROSS SECTIONS - LINE K
CONCRETE FOUNDATIONS

GENERAL

Building concrete. Special curing boxes are not permitted for these test cylinders. These cylinders shall be stored immediately adjacent to, and cured under the same conditions as the concrete compressive strength tests shall be performed in accordance with ASTM C39. Copies of the mixes containing high range water cement in a concrete mix. Ground granulated blast furnace slag (GGBFS) may be used to replace a portion of the Type II Portland Cement in a concrete mix. The Contractor shall submit a mix design for each proposed class of concrete. Mix designs shall indicate for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 211.1) and the Standard Practice for Measuring, Mixing, Transporting and Placing Concrete (ACI 304R). In case of a discrepancy, the plans and specifications shall govern.

Mixing, transporting, and placing of concrete shall conform to the latest edition of the Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 308.1). In case of a discrepancy, the plans and specifications shall govern.

Concrete cover over reinforcement, unless otherwise noted, shall be as specified in the latest editions of the Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 308.1). In case of a discrepancy, the plans and specifications shall govern.

The majority of these cracks develop within the first three years of service. Cracks which are wider than 0.01 inch are not practical to integrate into a single crack with a width exceeding 0.01 inch. It is emphasized that although a special effort is made to reduce the potential causes and number of such cracks, it is not practical to prevent the occurrence of such cracks. Horizontal and vertical joints are not permitted in concrete construction except where indicated.

Concentration of reinforcement in areas such as reentrant corners of vertical height offsets in concrete walls. Place bars parallel to the sides of the formed surfaces. Formed surfaces shall be cured by leaving forms in place for a minimum of 7 days or reached 70 percent of its specified 28 day compressive strength when tested in accordance with ASTM C1019, equal to its specified minimum compressive strength, when tested in accordance with ASTM C1019. The Contractor shall not attain the required 28 day strength shown on the plans or specifications.

Reinforcing steel (deformed bars of new billet steel):

Concrete:

Reinforcing steel (deformed bars of new billet steel):

Concrete:

The Contractor shall submit a mix design for each proposed class of concrete. Mix designs shall indicate for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 211.1) and the Standard Practice for Measuring, Mixing, Transporting and Placing Concrete (ACI 304R). In case of a discrepancy, the plans and specifications shall govern.

Mixing, transporting, and placing of concrete shall conform to the latest edition of the Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 308.1). In case of a discrepancy, the plans and specifications shall govern.

Concrete cover over reinforcement, unless otherwise noted, shall be as specified in the latest editions of the Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 308.1). In case of a discrepancy, the plans and specifications shall govern.

The majority of these cracks develop within the first three years of service. Cracks which are wider than 0.01 inch are not practical to integrate into a single crack with a width exceeding 0.01 inch. It is emphasized that although a special effort is made to reduce the potential causes and number of such cracks, it is not practical to prevent the occurrence of such cracks. Horizontal and vertical joints are not permitted in concrete construction except where indicated.

Concentration of reinforcement in areas such as reentrant corners of vertical height offsets in concrete walls. Place bars parallel to the sides of the formed surfaces. Formed surfaces shall be cured by leaving forms in place for a minimum of 7 days or reached 70 percent of its specified 28 day compressive strength when tested in accordance with ASTM C1019, equal to its specified minimum compressive strength, when tested in accordance with ASTM C1019. The Contractor shall not attain the required 28 day strength shown on the plans or specifications.

Reinforcing steel (deformed bars of new billet steel):

Concrete:

Reinforcing steel (deformed bars of new billet steel):

Concrete:

The Contractor shall submit a mix design for each proposed class of concrete. Mix designs shall indicate for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 211.1) and the Standard Practice for Measuring, Mixing, Transporting and Placing Concrete (ACI 304R). In case of a discrepancy, the plans and specifications shall govern.

Mixing, transporting, and placing of concrete shall conform to the latest edition of the Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 308.1). In case of a discrepancy, the plans and specifications shall govern.

Concrete cover over reinforcement, unless otherwise noted, shall be as specified in the latest editions of the Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 308.1). In case of a discrepancy, the plans and specifications shall govern.

The majority of these cracks develop within the first three years of service. Cracks which are wider than 0.01 inch are not practical to integrate into a single crack with a width exceeding 0.01 inch. It is emphasized that although a special effort is made to reduce the potential causes and number of such cracks, it is not practical to prevent the occurrence of such cracks. Horizontal and vertical joints are not permitted in concrete construction except where indicated.

Concentration of reinforcement in areas such as reentrant corners of vertical height offsets in concrete walls. Place bars parallel to the sides of the formed surfaces. Formed surfaces shall be cured by leaving forms in place for a minimum of 7 days or reached 70 percent of its specified 28 day compressive strength when tested in accordance with ASTM C1019, equal to its specified minimum compressive strength, when tested in accordance with ASTM C1019. The Contractor shall not attain the required 28 day strength shown on the plans or specifications.

Reinforcing steel (deformed bars of new billet steel):

Concrete:

Reinforcing steel (deformed bars of new billet steel):

Concrete:

The Contractor shall submit a mix design for each proposed class of concrete. Mix designs shall indicate for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 211.1) and the Standard Practice for Measuring, Mixing, Transporting and Placing Concrete (ACI 304R). In case of a discrepancy, the plans and specifications shall govern.

Mixing, transporting, and placing of concrete shall conform to the latest edition of the Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 308.1). In case of a discrepancy, the plans and specifications shall govern.

Concrete cover over reinforcement, unless otherwise noted, shall be as specified in the latest editions of the Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 308.1). In case of a discrepancy, the plans and specifications shall govern.

The majority of these cracks develop within the first three years of service. Cracks which are wider than 0.01 inch are not practical to integrate into a single crack with a width exceeding 0.01 inch. It is emphasized that although a special effort is made to reduce the potential causes and number of such cracks, it is not practical to prevent the occurrence of such cracks. Horizontal and vertical joints are not permitted in concrete construction except where indicated.

Concentration of reinforcement in areas such as reentrant corners of vertical height offsets in concrete walls. Place bars parallel to the sides of the formed surfaces. Formed surfaces shall be cured by leaving forms in place for a minimum of 7 days or reached 70 percent of its specified 28 day compressive strength when tested in accordance with ASTM C1019, equal to its specified minimum compressive strength, when tested in accordance with ASTM C1019. The Contractor shall not attain the required 28 day strength shown on the plans or specifications.

Reinforcing steel (deformed bars of new billet steel):

Concrete:

Reinforcing steel (deformed bars of new billet steel):

Concrete:

The Contractor shall submit a mix design for each proposed class of concrete. Mix designs shall indicate for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 211.1) and the Standard Practice for Measuring, Mixing, Transporting and Placing Concrete (ACI 304R). In case of a discrepancy, the plans and specifications shall govern.

Mixing, transporting, and placement of concrete shall conform to the latest edition of the Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 308.1). In case of a discrepancy, the plans and specifications shall govern.

Concrete cover over reinforcement, unless otherwise noted, shall be as specified in the latest editions of the Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 308.1). In case of a discrepancy, the plans and specifications shall govern.

The majority of these cracks develop within the first three years of service. Cracks which are wider than 0.01 inch are not practical to integrate into a single crack with a width exceeding 0.01 inch. It is emphasized that although a special effort is made to reduce the potential causes and number of such cracks, it is not practical to prevent the occurrence of such cracks. Horizontal and vertical joints are not permitted in concrete construction except where indicated.

Concentration of reinforcement in areas such as reentrant corners of vertical height offsets in concrete walls. Place bars parallel to the sides of the formed surfaces. Formed surfaces shall be cured by leaving forms in place for a minimum of 7 days or reached 70 percent of its specified 28 day compressive strength when tested in accordance with ASTM C1019, equal to its specified minimum compressive strength, when tested in accordance with ASTM C1019. The Contractor shall not attain the required 28 day strength shown on the plans or specifications.

Reinforcing steel (deformed bars of new billet steel):

Concrete:

Reinforcing steel (deformed bars of new billet steel):

Concrete:

The Contractor shall submit a mix design for each proposed class of concrete. Mix designs shall indicate for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 211.1) and the Standard Practice for Measuring, Mixing, Transporting and Placing Concrete (ACI 304R). In case of a discrepancy, the plans and specifications shall govern.

Mixing, transporting, and placing of concrete shall conform to the latest edition of the Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 308.1). In case of a discrepancy, the plans and specifications shall govern.

Concrete cover over reinforcement, unless otherwise noted, shall be as specified in the latest editions of the Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 308.1). In case of a discrepancy, the plans and specifications shall govern.

The majority of these cracks develop within the first three years of service. Cracks which are wider than 0.01 inch are not practical to integrate into a single crack with a width exceeding 0.01 inch. It is emphasized that although a special effort is made to reduce the potential causes and number of such cracks, it is not practical to prevent the occurrence of such cracks. Horizontal and vertical joints are not permitted in concrete construction except where indicated.

Concentration of reinforcement in areas such as reentrant corners of vertical height offsets in concrete walls. Place bars parallel to the sides of the formed surfaces. Formed surfaces shall be cured by leaving forms in place for a minimum of 7 days or reached 70 percent of its specified 28 day compressive strength when tested in accordance with ASTM C1019, equal to its specified minimum compressive strength, when tested in accordance with ASTM C1019. The Contractor shall not attain the required 28 day strength shown on the plans or specifications.

Reinforcing steel (deformed bars of new billet steel):

Concrete:

Reinforcing steel (deformed bars of new billet steel):

Concrete:...
1. SEE THE S1-SERIES SHEETS FOR GENERAL STRUCTURAL NOTES AND TYPICAL STRUCTURAL DETAILS.

2. GENERAL CONTRACTOR TO COORDINATE ALL OPENING, PIPE SLEEVES, EMBEDDED ITEMS, HANDRAILS, GRATING, ETC. WITH THE PROCESS DRAWINGS.

3. SITE ATTACH (CT) LOCATION PLAN TO THE STRUCTURAL ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION OR ERECTION. THE GENERAL CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DISCREPANCIES.

4. SEE GEOTECHNICAL REPORT FOR ALL BACKFILLING AND COMPACTION REQUIREMENTS BEHIND WALLS AND UNDER BASE SLABS.

5. SEE SITE PLAN FOR ALL FINAL GRADE ELEVATIONS.

6. FOUNDATION OF RETAINING WALL ANTICIPATED IN SOIL.

7. FOUNDATION OF RETAINING WALL ANTICIPATED IN ROCK.

8. FOUNDATION OF RETAINING WALL ANTICIPATED IN ROCK.

9. FOUNDATION OF RETAINING WALL ANTICIPATED IN SOIL.

ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED PRIOR TO FABRICATION, CONCRETE PLACEMENT. JOINT (CT) LOCATION PLAN TO THE STRUCTURAL ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION OR ERECTION. THE GENERAL CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DISCREPANCIES. 3. SEE THE S1-SERIES SHEETS FOR GENERAL STRUCTURAL NOTES AND TYPICAL STRUCTURAL DETAILS.

GENERAL CONTRACTOR TO COORDINATE ALL OPENING, PIPE SLEEVES, EMBEDDED ITEMS, HANDRAILS, GRATING, ETC. WITH THE PROCESS DRAWINGS.

SEE GEOTECHNICAL REPORT FOR ALL BACKFILLING AND COMPACTION REQUIREMENTS BEHIND WALLS AND UNDER BASE SLABS.

SEE SITE PLAN FOR ALL FINAL GRADE ELEVATIONS.

FOUNDATIONS OF RETAINING WALLS ANTICIPATED IN SOIL.

FOUNDATIONS OF RETAINING WALLS ANTICIPATED IN ROCK.

FOUNDATIONS OF RETAINING WALLS ANTICIPATED IN ROCK.

FOUNDATIONS OF RETAINING WALLS ANTICIPATED IN SOIL.
1. SEE THE S1-SERIES SHEETS FOR GENERAL STRUCTURAL NOTES AND TYPICAL STRUCTURAL DETAILS.

2. ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED PRIOR TO FABRICATION, CONSTRUCTION OR ERECTION. THE GENERAL CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DISCREPANCIES.

3. SEE SITE PLAN FOR ALL FINAL GRADE ELEVATIONS.

4. SEE GEOTECHNICAL REPORT FOR ALL BACKFILLING AND COMPACTION REQUIREMENTS BEHIND WALLS AND UNDER BASE SLABS.

5. APPROXIMATE EXISTING ROCK EDGE. SEE PROCESS DRAWINGS FOR ADDITIONAL INFORMATION.

6. GENERAL CONTRACTOR - FIELD VERIFY TOP OF CONCRETE SLAB ELEVATIONS PRIOR TO CONCRETE PLACEMENT. TOP OF CONCRETE SLAB ELEVATION TO MATCH EXISTING TOP OF ROCK ELEVATIONS.

7. CONTRACTOR SHALL EXPOSE EXISTING SPILLWAY ROCK INTERFACE, CLEAN AND "SQUARE UP" FOR CONCRETE PLACEMENT. SEE PROCESS DRAWINGS FOR ADDITIONAL INFORMATION.

8. VARIES - SEE PLAN.
1' - 6" AT 1B
2' - 9" AT 1A
5' - 0"
NOTE:
SEE PROCESS DRAWINGS
FOR ADDITIONAL INFORMATION

2' - 0" MIN., 6" 2" MIN.
2" CLR.
8' - 0" AT 1B
10' - 6" AT 1A
#5 AT 12" O.C., TOP AND BOTT.
#5 AT 12" O.C., TOP AND BOTT.
2" CLR.
#5 DOWELS AT 12" O.C.
#5 CONT.

NOTE:
SEE PROCESS DRAWINGS
FOR ADDITIONAL INFORMATION

T/FTG. EL. SEE PLAN AND PROFILE

SEE PROCESS

NON-SHRINK GROUT

12 1/4

3" CLR.
3" CLR.
10"
54"
NOTE:
SEE PROCESS DRAWINGS
FOR ADDITIONAL INFORMATION

EXISTING ROCK
#5 AT 12" O.C., TOP AND BOTT.
#5 AT 12" O.C., TOP AND BOTT.
6" PVC WATERSTOP

FDN DRAIN, SEE PROCESS DWGS
2 - INCH DIAMETER WEEP HOLE
AT 10' - 0" O.C. MAX. 2% SLOPE.
SEE PROCESS DWGS FOR ADDITIONAL INFORMATION

T/WALL EL. SEE PLAN AND PROFILE

TYP., U.N.O.
2" CLR., #5 DOWELS AT 10" O.C.

NECESSARY TO ENGAGE ROCK)
2' - 0" MIN. (EXTEND AS

EXISTING ROCK

MATCH ELEVATIONS