CONSTRUCTION PLANS FOR:
Adaptive Sports Field
Josey Ranch Athletic Complex
City of Carrollton, Texas

STAFF:
Mayor
Kevin Falconer
City Council Members
Steve Babick
Mike Hennefer
Pat Cochran
Frances Cruz
Glen Blanscet
Young Sung
John Sutter- Mayor Pro Tem

Parks and Recreation Board Members
DeWayne Tallmon
Gabriel Cruz
Willadean Martin
Annette Reese
Andrea Macaluso
Al Overholt
Adam Polter
Gerald Blase'
Suzanna Dooling

City Manager
Erin Rinehart

PREPARED BY:
DUNNIE SIMS STOFFELS, INC.
LANDSCAPE ARCHITECTS/PLANNERS
ENGINEERS/ARCHITECTS/PUBLIC INFRASTRUCTURE

SHEET INDEX:
SN-1 site notes
SP-1 site preparation plan
SP-2 site preparation plan
SL-1 site layout plan
SL-2 site layout plan
SG-1 site grading plan
ST-1 storm sewer plan
EC-1 erosion control plan
CD-1 construction details
CD-2 construction details
CD-3 construction details
CD-4 construction details
CD-5 construction details
CD-6 construction details
CD-7 construction details

AREA MAP:

NOT TO SCALE

CONSTRUCTION PLANS FOR:
Adaptive Sports Field
Josey Ranch Athletic Complex
City of Carrollton, Texas

SHEET INDEX:
SN-1 site notes
SP-1 site preparation plan
SP-2 site preparation plan
SL-1 site layout plan
SL-2 site layout plan
SG-1 site grading plan
ST-1 storm sewer plan
EC-1 erosion control plan
CD-1 construction details
CD-2 construction details
CD-3 construction details
CD-4 construction details
CD-5 construction details
CD-6 construction details
CD-7 construction details

AREA MAP:

NOT TO SCALE
THE GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE EXISTING SITE CONDITIONS AND SCOPE OF WORK BEFORE SUBMITTING A BID.

CONTRACTOR SHALL VERIFY EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK. ANY UTILITIES DAMAGED BY CONTRACTOR SHALL BE REPAIRED AT HIS EXPENSE. THE LOCATION OF UNDERGROUND FACILITIES INDICATED ON THE PLANS IS TAKEN FROM PUBLIC RECORDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAKE ARRANGEMENTS WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES PRIOR TO WORKING IN THE AREA TO CONFIRM THEIR EXACT LOCATION AND TO DETERMINE WHETHER ANY ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL UNDERGROUND FACILITIES.

THE OWNERS REPRESENTATIVE SHALL APPROVE THE STAKING OF ALL SITE ELEMENTS BEFORE WORK COMMENCES ON THESE ELEMENTS.

IF DIMENSIONS NOTED TO BE FIELD VERIFIED VARY FROM THOSE NOTED ON THE PLANS, CONTACT CITY AND LANDSCAPE ARCHITECT BEFORE PROCEEDING.

ALL REINFORCING SHALL CONFORM TO SPECIFICATIONS AND BE SUPPORTED ON APPROVED CHAIRS.

DISCREPANCIES, IF ANY, SHOULD BE BROUGHT TO THE ATTENTION OF THE CITY AND LANDSCAPE ARCHITECT BEFORE WORK COMMENCES.

THIS PROJECT IS SUBJECT TO THE TEXAS ARCHITECTURAL BARRIERS ACT AND HAS BEEN DESIGNED ACCORDING TO CRITERIA REQUIRED BY THE TEXAS ACCESSIBILITY STANDARDS (T.A.S.) EFFECTIVE AS OF THE PLAN DATE. NO SIGNS, LIGHT STANDARDS, UTILITY POLES OR OTHER ABSTRACTIONS SHALL BE PLACED TO AFFECT ANY ACCESSIBLE ROUTES AND CURB RAMPS WITHOUT WRITTEN APPROVAL FROM THE ENGINEER. APPROVAL SHALL BE DEPENDENT ON CONTRACTOR'S CONTINGENCY FOR RESTORING THE AFFECTED ACCESSIBLE ELEMENT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING ALL GRADES, LINES AND MEASUREMENTS NECESSARY TO THE PROPER PERFORMANCE AND CONTROL OF THE WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR FILLING OR CUTTING AS NECESSARY TO ENSURE THAT ALL PORTIONS OF THE SITE DRAIN.

Erosion Control Blanket shall be Kurbx (R) or approved equal. Typical layout blanket felt on soil surface, staple as per manufacturer's recommendations using four (4) staples per square yard. Erosion control blanket shall be placed following seeding.

Contractor shall cut openings in all erosion blankets for irrigation heads, control valves, quick coupler valves, etc. Secure cut edges of blanket to ground surface with staples.

Silt barriers within silt basins shall be placed within two (2) days of completion of rough grading.

The contractor is responsible for interim seeding of the disturbed portions of the site.

The contractor shall prohibit cleaning, parking or storage of equipment under the canopy of existing trees.

The contractor shall not allow the disposal of any waste material, such as, but not limited to, paint, oil solvents, concrete, mortar, etc., within the limits-of-work, such material shall be legally disposed at the contractor's expense.

Construction fencing shall consist of six-foot (6') galv. chain link fencing with a diamond mesh pattern, place temporary support footing at 10' O.C., 2' Minimum embedment or metal surface footing.

Contractor shall maintain all construction fencing and erosion control devices in good condition for the duration of the project. No dirt, mud or any other material shall be allowed to fall or be tracked onto existing or finished road/driveways. It shall be the responsibility of the contractor to maintain all traveled ways in a clean condition at all times.

Contractor is required to maintain existing utilities in a safe and serviceable condition. No extra compensation will be allowed for additional work or materials to maintain service.

The contractor shall provide for continuous supervision of construction and a superintendent shall be on the project site at all times during working hours and/or when any sub-contractor or supplier is on site. The superintendent shall, at all times, have in his immediate possession a complete set of current contract documents including the plans and specifications. The superintendent, or his representative, shall be fully authorized to act on behalf of the contractor in all matters pertaining to the work.

The contractor is responsible for operating and maintaining the project in a manner to ensure the safety of site personnel and the general public.

ALL EXISTING UTILITIES (BOTH ABOVE AND BELOW GROUND) SHALL BE LOCATED AND MARKED BY THE CONTRACTOR. UNDERGROUND ELECTRICAL LINES EXIST WITHIN THE PARK. THE CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING AND MARKING THE EXISTING ELECTRICAL LINES. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE UTILITY LOCATION MARKERS. ANY UTILITIES DAMAGED SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE.

Earthwork operations for entire project scope shall be conducted in compliance with the specifications and to the grades noted on sheets SG-1.

All elevations within the adaptive sports field must be within 0.08 feet of the grades indicated on the plans. The surface of the fields subgrade shall have a consistent unknifing slope in all aspects/directions of the plane. Visual dips, depressions, ridges, rills, humps, etc. are not acceptable. The general contractor, landscape architect and owner's representative will conduct an on-site visual inspection after the contractor has indicated that subgrade elevations have been achieved. Any deficiencies noted must be corrected by the contractor, following the on-site visual inspection and/or repair of noted deficiencies the contractor must have an independent surveyor/civil engineer blue-top adaptive sports field on a fifteen foot (15') grid. The surveyor/civil engineer must provide the owner with an AutoCAD drawing file, PDF file and hard copy showing the results of the blue topping.

If blue topping reveals areas that are not in compliance, the contractor must correct the grades within those areas and bring them into compliance with the plans and specifications.

It is critical that all of the above outlined earthwork procedures be strictly followed to ensure an acceptable playing surface on the adaptive sports field; therefore, work progressing without proper approval as delineated shall be subject to complete removal with no adjustment in price or contract time.
CONTRACTOR SHALL REMOVE ALL COMPONENTS OF THE OUTFIELD & BASELINE FENCES. CONCRETE MOW EDGES SHALL BE REMOVED TO FULL DEPTH. ALL REMOVED MATERIALS SHALL BE LEGALLY DISPOSED OF AT CONTRACTOR'S EXPENSE.

REFERENCE SHEET SP-2 FOR SITE PREPARATION AND DEMOLITION FOR THE ADAPTIVE SPORTS FIELD.
PROJECT NAME
EXISTING BACKSTOP POSTS.
EXISTING APPROXIMATE 2'-2" TALL POST SHALL BE TENON MOUNTED IN THE BASE
BID:
CONCRETE BACKSTOP WALL SHALL BE PLACED AND FILED SMOOTH. NEW FENCE
BEAR WALL AND FILED SMOOTH. NEW FENCE WITH THE SURFACE OF THE CONCRETE
BEAM AND POST FOOTINGS PER DETAIL 1 & 4.02.4.

TO BE REMOVED
EXISTING POST AND CONCRETE FOOTING.
EXISTING PAVEMENT, REMOVE EXISTING CONCRETE PVMT., REMOVE EXISTING
SAW-CUT AND REMOVE 3' X 2' EXISTING CONCRETE PAVEMENT.
SILTATION ROLL
NOTE:
IRRIGATION, CITY PERSONNEL WILL MODIFY THE SYSTEM OPERATIONAL.
ADJUSTMENTS TO THE LIMIT-OF-WORK. AFTER CONSTRUCTION IS COMPLETE
THE REGISTRANT AND DATE OF EXECUTION. DOCUMENTS NOT
BEARING EACH OF THE 3 AFOREMENTIONED ITEMS SHALL BE CONSIDERED INCOMPLETE AND SHALL NOT BE USED FOR
CONSTRUCTION, PERMIT, OR BIDDING PURPOSES.

THE CADDSEAL APPEARING ON THIS DOCUMENT IS VALID IF,
AND ONLY IF, ACCOMPANIED BY AN ORIGINAL SIGNATURE OF ROBERT P. STOFFELS, LA #1025 ON OCTOBER 5, 2018.

THE CADDSEAL APPEARING ON THIS DOCUMENT IS VALID IF,
AND ONLY IF, ACCOMPANIED BY AN ORIGINAL SIGNATURE OF ROBERT P. STOFFELS, LA #1025 ON OCTOBER 5, 2018.

NOTE:
IRRIGATION, CITY PERSONNEL WILL MODIFY THE SYSTEM OPERATIONAL.
ADJUSTMENTS TO THE LIMIT-OF-WORK. AFTER CONSTRUCTION IS COMPLETE
THE REGISTRANT AND DATE OF EXECUTION. DOCUMENTS NOT
BEARING EACH OF THE 3 AFOREMENTIONED ITEMS SHALL BE CONSIDERED INCOMPLETE AND SHALL NOT BE USED FOR
CONSTRUCTION, PERMIT, OR BIDDING PURPOSES.

THE CADDSEAL APPEARING ON THIS DOCUMENT IS VALID IF,
AND ONLY IF, ACCOMPANIED BY AN ORIGINAL SIGNATURE OF ROBERT P. STOFFELS, LA #1025 ON OCTOBER 5, 2018.

NOTES:
IRRIGATION, CITY PERSONNEL WILL MODIFY THE SYSTEM OPERATIONAL.
ADJUSTMENTS TO THE LIMIT-OF-WORK. AFTER CONSTRUCTION IS COMPLETE
THE REGISTRANT AND DATE OF EXECUTION. DOCUMENTS NOT
BEARING EACH OF THE 3 AFOREMENTIONED ITEMS SHALL BE CONSIDERED INCOMPLETE AND SHALL NOT BE USED FOR
CONSTRUCTION, PERMIT, OR BIDDING PURPOSES.

NOTE:
- PREPARATION: CITY PERSONNEL WILL DISCONNECT THE EXISTING IRRIGATION LATERALS AND AVOID INTERFERENCE WITH THE CURRENT INSTALLATION.
- PREPARATION: CITY PERSONNEL WILL ACCEPT THE REMAINING LANDSCAPE AND MAKE THE NEEDED CORRECTIONS.
- ELECTRICAL REQUIREMENTS TO THE EXISTING SYSTEMS WILL BE HANDLED SEPARATELY BY THE CITY.

END OF TALL BACKSTOP
PLACE A 3' X 10' WOODEN NAVIGATIONAL PEG AT THE LOCATION OF THE CUT END OF TALL BACKSTOP
PLACE A 3' X 10' WOODEN NAVIGATIONAL PEG AT THE LOCATION OF THE CUT

DO NOT DISTURB EXISTING PARKING LOT,

PARKING LOT, CONCRETE GRADE BEAM.

DO NOT DISTURB EXISTING PARKING LOT,

PAVEMENT ADJACENT TO NEW BACKSTOP FENCE ON TOP OF THE RETAINING WALL.

DO NOT DISTURB EXISTING PARKING LOT,

PAVEMENT ADJACENT TO NEW BACKSTOP FENCE ON TOP OF THE RETAINING WALL.

DO NOT DISTURB EXISTING PARKING LOT,

PAVEMENT ADJACENT TO NEW BACKSTOP FENCE ON TOP OF THE RETAINING WALL.

DO NOT DISTURB EXISTING PARKING LOT,
Adaptive Sports Field
Josey Ranch Athletic Complex
City of Carrollton, Texas

Issue Date: OCTOBER 5, 2018
Revision: SL-2

Adaptive Sports Surface shall be Hella's RealGrass CushDrain System. City of Carrollton will acquire the furnishing and installation of the Hella's RealGrass CushDrain System from the TexasBuy Board. The RealGrass CushDrain System also includes the placement of the liner, the stone base course, and Hydraway drain lines. The contractor shall coordinate with the RealGrass CushDrain installer. The contractor shall bid the excavation of the soil (9 +/-) within the Adaptive Sports Field and the installation of the storm sewer drain lines within the field.

Dugout Roof - Refer to Details 2 & 5/CD-3 shall be a standing seam metal roof, color shall be selected by owner in the Submittal Process.

Existing Parking Lot, Do Not Disturb

Existing Pavement, Do Not Disturb

4'-6" x 8' Tall Gate, Typ.
Adaptive Sports Field
Josey Ranch Athletic Complex
City of Frisco, Texas

ISSUE DATE: OCTOBER 5, 2018

Adaptive Sports Field
Site Grading

SG-1

GRADING LEGEND

EXISTING CONTOUR
PROPOSED CONTOUR
PROPOSED SPOT ELEVATIONS
BC BOTTOM OF CURB
TC TOP OF CURB
PS PAVEMENT SURFACE
TS TRAIL SURFACE
PGS PROPOSED GROUND SURFACE
SB TOP OF BORDER
SAND SAND ELEVATION
SG SUBRADE
FL FLOW LINE
EX EXISTING
SB SUBRADE SURFACE
FS FIELD SURFACE
DG DUGOUT SURFACE
GS GROUND SURFACE
GZ GRADE BEAM
TF TURF FIELD SURFACE

1" = 20'

Josey Ranch Athletic Complex
Garland, Texas 75040
Phone: (214) 553-5778
Fax (214) 553-5781

Robert P. Stoffels, LA #1025
OCTOBER 5, 2018

CADD SEAL APPEARING ON THIS DOCUMENT IS VALID IF, AND ONLY IF, ACCOMPANIED BY AN ORIGINAL SIGNATURE OF
THE REGISTRANT AND DATE OF EXECUTION. DOCUMENTS NOT BEARING EACH OF THE 3 AFOREMENTIONED ITEMS SHALL NOT BE
USED FOR CONSTRUCTION, PERMIT, OR BIDDING PURPOSES.

This drawing is released for review only under the authority of
considered incomplete and shall not be used for construction, permit, or bidding purposes.

Revisions:
Issue Date:
OCTOBER 5, 2018

Adaptive Sports Field
Site Grading
Adaptive Sports Field
Jossey Ranch Athletic Complex
City of Carrollton, Texas

OCTOBER 5, 2018

Adaptive Sports Field
Erosion Control Plan

EC-1

Erosion Control Legend:
- Siltation Fencing
- Siltation Roll
- Tree Protection Fence
- Turf Berm: Disturbed Areas
- Rock Berm
- Construction Entrance

Issue Date: October 5, 2018

Adaptation: Dugout

Existing Parking Lot, Do Not Disturb

Place turf berm around area after construction and entrance is removed.

Siltation fence

2' high

Existing pavement, do not disturb

Erosion Control Plan

PROJECT NAME

10/05/2018

0 20 40 60 80 100 (feet)

1" = 20'
**Adaptive Sports Field**

**Josey Ranch Athletic Complex**

**Issue Date:** 10/05/2018

**Plan: Typical Walkway/Sidewalk/Trail Pavement**

1. **Details**
   - **Concrete Trail / Walkway Pavement Jointing**
   - **Concrete Joint at Existing Pavement**

**Construction Details**

- **Concrete Joint at Existing Pavement**
  - Seal cold joint using Pecora NR 201 with primer.
  - Drill to existing concrete pavement using No. 4 drill at 18" O.C. Drill to diameter 1/2" deep. Blank concrete with primer before inserting.

- **Concrete Pavement Surface**
  - **Expansive Joint Spacing**
    - 5x - Walk Width equal to 2" depth of leveling material. Expanded or undisturbed subgrade.
    - 6" maximum depth of expansion joint material.

- **Control Joint Spacing**
  - 6" maximum depth of control joint material.

- **Side Walk & Trail Pavement**
  - Refer to plan for location.

**References**

- **Abbreviations**
  - 1/2" dia. x 24" long smooth dowel-
  - P-WI-03
  - 1/2" dia. x 24" length smooth dowel - for pedestrian pavement
  - Wrapped one end with paper and placed expansion sleeve on that end.
  - 12" max.
  - 4" min.
  - Epoxy coated on undisturbed subgrade.

- **Concrete Paving Surface**
  - 3,600 psi concrete paving, see detail for reinforcing.

- **Concrete Trail/Walkway Pavement Jointing**
  - 1" = 1'-0" (max.)
  - 2" depth of leveling material.

- **Control Joint**
  - 2" depth of leveling material.
  - 3,600 psi concrete paving, see detail for reinforcing.

**Notes**

- DIRECTION OF SLOPE ACROSS SITE DRAINAGE PATTERNS:
  - 3" = 1'-0" CROSS SLOPE (max.)
  - 1" = 1'-0" CROSS SLOPE (min.)

- NO. 3 REINFORCING BARS @ 18" O.C. E.W.

**Special Conditions**

- **Dry Broom Finish**
  - Width varies see plans.

- **Concrete Mix Design**
  - 3,600 psi concrete paving; submit mix design for approval, per specifications.

**Sealing Details**

- **Seal Cold Joint Using Pecora NR 201 With Primer**
  - 1/2" Expansion Joint:
    - Sealed and expansive joint materials with expansion joint materials.
    - Seal flush with surface using Pecora NR 201 with primer (or approved equal), color to match adjacent paving.
    - Width to depth ratio of mastic to be per manufacturer's recommendations.

- **Concrete Paving Surface**
  - 3,600 psi concrete paving, see detail for reinforcing.

- **Concrete Trail/Walkway Pavement Jointing**
  - 1" = 1'-0" (max.)
  - 2" depth of leveling material.

- **Control Joint**
  - 2" depth of leveling material.
  - 3,600 psi concrete paving, see detail for reinforcing.

**Construction Details**

- **Concrete Joint at Existing Pavement**
  - Seal cold joint using Pecora NR 201 with primer.
  - Drill to existing concrete pavement using No. 4 drill at 18" O.C. Drill to diameter 1/2" deep. Blank concrete with primer before inserting.
EXCAVATED SOIL. EXIST. GROUND) BACKFILL WITH COMPACT TO 95% MINIMUM. (MIN. HEIGHT 25’ 24” ABOVE EXISTING GRADE INTERIOR OF GRADE BEAM, TYP.

NOTE: DETAIL: STABILIZED CONSTRUCTION ENTRANCE/EXIT
n.t.s.

RADIUS 5’ MIN. DEPTH THROUGHOUT MAINTAIN 6” MIN. STONE FLOW AWAY FROM ENTRANCE.

EXTERIOR SURFACE, TYP. STREET PAVED SURFACE. FROM STABILIZATION & GRADE TO DRAIN AWAY PLAN: SINGLE TYPE C HEADWALL 1/2” = 1’-0” 50’ 18” BEYOND PIPE (BACKFILLED PROFILE 50’ R.O.W.

TOP OF SLOPE TO PAVED SURFACE. TRANSITION STONE RUNOFF OFF OF STREET PVMT. STABILIZED ENTRANCE TO KEEP PROVIDE CULVERT IN LENGTH TO CATCH & FILTER BARRIER FOR REQUIRED PROVED CONT. SOLID SILT

RIP-RAP DOES NOT REACH 6’-0” MIN. IF CONCRETE FILTER FABRIC RUNOFF FROM LEAVING SITE SLOPE STONE TO PREVENT REF. storm sewer PLANS

GENERAL SITE - 4’-0” O.C. WITHIN SWALES - 2’-0” O.C. MAXIMUM SPACING: 6’-0”

6'-0" MIN. IF CONCRETE CAP CUT SURFACE SLOPE PIPE ENDS AND 3 - NO. 4S CONT. @ 12" O.C., MAX., TYP.

3'-0" FLAT SWALE CROSSING, SIMILAR SET METAL 'T' POST REFERENCE GRADING PLANS.

1" = 1'-0"

PLAN: EXISTING GRADES SLOPING INTO SITE AWAY FROM ENTRANCE. WATER MUST FLOW FROM STABILIZATION & GRADE TO DRAIN AWAY transitions STABILIZED ENTRANCE TO KEEP PROVIDE CULVERT IN LENGTH TO CATCH & FILTER BARRIER FOR REQUIRED PROVED CONT. SOLID SILT

PLAN: EXISTING GRADES SLOPING TO STREET

PLAN EXISTING GRADES SLOPING TO SITE

PLAN EXISTING GRADES SLOPING INTO SITE

EXTERIOR SURFACE, TYP. STREET PAVED SURFACE.

NOTE: PLAN: EXISTING GRADES SLOPING TO STREET EXISTING GROUND) BACKFILL WITH COMPACT TO 95% MINIMUM. (MIN. HEIGHT 25’ 24” ABOVE EXISTING GRADE INTERIOR OF GRADE BEAM, TYP.

NOTE: DETAIL: STABILIZED CONSTRUCTION ENTRANCE/EXIT
n.t.s.

RADIUS 5’ MIN. DEPTH THROUGHOUT MAINTAIN 6” MIN. STONE FLOW AWAY FROM ENTRANCE.

EXTERIOR SURFACE, TYP. STREET PAVED SURFACE. FROM STABILIZATION & GRADE TO DRAIN AWAY PLAN: SINGLE TYPE C HEADWALL 1/2” = 1’-0” 50’ 18” BEYOND PIPE (BACKFILLED PROFILE 50’ R.O.W.

TOP OF SLOPE TO PAVED SURFACE. TRANSITION STONE RUNOFF OFF OF STREET PVMT. STABILIZED ENTRANCE TO KEEP PROVIDE CULVERT IN LENGTH TO CATCH & FILTER BARRIER FOR REQUIRED PROVED CONT. SOLID SILT

RIP-RAP DOES NOT REACH 6’-0” MIN. IF CONCRETE FILTER FABRIC RUNOFF FROM LEAVING SITE SLOPE STONE TO PREVENT REF. storm sewer PLANS

GENERAL SITE - 4’-0” O.C. WITHIN SWALES - 2’-0” O.C. MAXIMUM SPACING: 6’-0”

6'-0" MIN. IF CONCRETE CAP CUT SURFACE SLOPE PIPE ENDS AND 3 - NO. 4S CONT. @ 12" O.C., MAX., TYP.

3'-0" FLAT SWALE CROSSING, SIMILAR SET METAL 'T' POST REFERENCE GRADING PLANS.

1" = 1'-0"

PLAN: EXISTING GRADES SLOPING TO STREET EXISTING GROUND) BACKFILL WITH COMPACT TO 95% MINIMUM. (MIN. HEIGHT 25’ 24” ABOVE EXISTING GRADE INTERIOR OF GRADE BEAM, TYP.

NOTE: DETAIL: STABILIZED CONSTRUCTION ENTRANCE/EXIT
n.t.s.

RADIUS 5’ MIN. DEPTH THROUGHOUT MAINTAIN 6” MIN. STONE FLOW AWAY FROM ENTRANCE.

EXTERIOR SURFACE, TYP. STREET PAVED SURFACE. FROM STABILIZATION & GRADE TO DRAIN AWAY PLAN: SINGLE TYPE C HEADWALL 1/2” = 1’-0” 50’ 18” BEYOND PIPE (BACKFILLED PROFILE 50’ R.O.W.

TOP OF SLOPE TO PAVED SURFACE. TRANSITION STONE RUNOFF OFF OF STREET PVMT. STABILIZED ENTRANCE TO KEEP PROVIDE CULVERT IN LENGTH TO CATCH & FILTER BARRIER FOR REQUIRED PROVED CONT. SOLID SILT

RIP-RAP DOES NOT REACH 6’-0” MIN. IF CONCRETE FILTER FABRIC RUNOFF FROM LEAVING SITE SLOPE STONE TO PREVENT REF. storm sewer PLANS

GENERAL SITE - 4’-0” O.C. WITHIN SWALES - 2’-0” O.C. MAXIMUM SPACING: 6’-0”

6'-0" MIN. IF CONCRETE CAP CUT SURFACE SLOPE PIPE ENDS AND 3 - NO. 4S CONT. @ 12" O.C., MAX., TYP.

3'-0" FLAT SWALE CROSSING, SIMILAR SET METAL 'T' POST REFERENCE GRADING PLANS.

1" = 1'-0"
SECTION: BACKSTOP GRADE BEAM @ SYNTHETIC TURF

1. 10'-0" tall backstop fence
2. Concrete wall
3. EXISTING 11" WIDE X 2'-2" HEIGHT
4. VARIABLE BACKSTOP CONCRETE WALL

CUT EXISTING 4" O.D. PIPE OFF FLUSH WITH THE SURFACE OF THE EXISTING CONCRETE WALL
FULL PENETRATING WELD AROUND ENTIRE PERIMETER, FILE SMOOTH, PRIME AND PAINT WITH AN APPROVED GALVANIZING PAINT.

SECTION: OUTFIELD FENCE @ SYNTHETIC TURF

1. 2X4 TREATED WOOD NAILER FASTENED TO CONCRETE
2. Compacted subgrade
3. 6" PERFORATED ads n-12 w.t. HDPE PIPE, SLOPED TO DRAIN

SECTION: BASEBALL FIELD @ SYNTHETIC TURF

1. REALGRASS SYNTHETIC TURF FIELD.
2. 19MM CUSHDRAIN ELASTIC LAYER
3. Drainage STONE base course
4. 20 MIL LINER, LINING THE TRENCH AND UNDER THE STONE BASE
5. 4" OR 6" PERFORATED ads n-12 w.t. HDPE PIPE, SLOPED TO DRAIN

SECTION: BACKSTOP FENCE TENON CONNECTIONS

1. NO. 4 CONT. @ 12" O.C. MAX.
2. NO. 3 STIRRUPS @ 12" O.C.
3. 2X4 TREATED WOOD NAILER FASTENED TO CONCRETE
4. Field surface

Details:

- Josey Ranch Athletic Complex
- Adaptive Sports Field

Issue Date: 10/05/2018
Revisions: 1, 2, 3, 4, 5, 6
NOTE:
1. THE EXTERIOR OF ALL BRICK PANELS SHALL BE SEALED USING PROSOCO SILOXANE P.D, OR APPROVED EQUAL.
2. EXPANSION JOINTS SHALL BE INSTALLED IN BRICK VENEERS AT THE ANGLED TURNS IN THE CONCRETE WALL.
3. ALL BRICK COURSES SHALL RUN LEVEL AND TRUE THROUGHOUT THE LENGTH OF THE WALL.
4. PLACE MORTAR NET BY HOHMANN & BARNARD INC. FOR ENTIRE LENGTH OF BRICK VENEER.
5. PLACE WEEP HOLES WITH #342 PLASTIC WEEP AT 29" O.C. MAX.

END BRICKS SHALL BE CUT 1 3/8" THICK (IN HALF) LENGTHWISE TO SERVE AS VENEER ON END OF CONCRETE WALL. SET BRICK USING A QUICK SETTING NON-SHRINK EPOXY GROUT.

WALL BEHIND END ELEVATION 2 END ROWLOCK BRICKS ARE CUT 45° LENGTHWISE AND ROTATED TO CONCEAL OPENINGS IN BRICK BACKSTOP CONCRETE GRADE BEAM

PLAN AND ELEVATION: ALTERNATE #2 BRICK VENEER ON EXISTING CONCRETE WALL

SECTION: ALTERNATE #2 BRICK VENEER

NOTES:
1. REMOVE AND REPLACE EXISTING 3 7/8" O.D. GALV. POST BEYOND CUTLINE
2. FIELD SURFACE BRICK ROWLOCK WALL CAP CUT EACH BRICK TO EQUAL LENGTH
3. ARRANGE BRICKS TO MATCH EXISTING CONCRETE WALL
4. ANCHOR BRICK ROWLOCK TO WALL USING 401-R STONE ANCHORS (1 1/2" X 1 1/2" X 1"") EVERY FOURTH BRICK
5. CONTACT HOHMANN & BARNARD, INC. SET CAP WITH 1/8" CROWN TO CENTER

PLAN AND ELEVATION: ALTERNATE #2 BRICK VENEER ON EXISTING CONCRETE WALL

ELEVATION: ALTERNATE #2 WALL END

PLAN AND ELEVATION: ALTERNATE #2 BRICK VENEER ON EXISTING CONCRETE WALL
PLAN AND ELEVATION: ALTERNATE #2 BRICK VENEER ON EXISTING CONCRETE WALL

SCALE 1/2" = 1'-0"

ROWLOCK COURSE OF BRICK FOR WALL CAP

TOP OF EXISTING CONCRETE WALL

FIELD FACE OF EXISTING CONCRETE WALL

PLAZA FACE OF EXISTING CONCRETE WALL

NOTE:

BRICK VENEER SHALL BE CONSTRUCTED USING KING SIZE ACME BRICK SET IN A RUNNING BOND PATTERN. BRICK COLOR SELECTION SHALL BE DETERMINED DURING THE CONSTRUCTION SUBMITTAL PROCESS.

WALL SEGMENTS ARE SHOWN WITH A FOOT OFFSET FOR CLARITY.