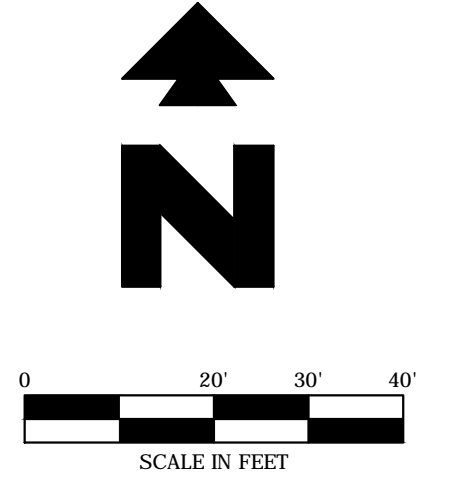
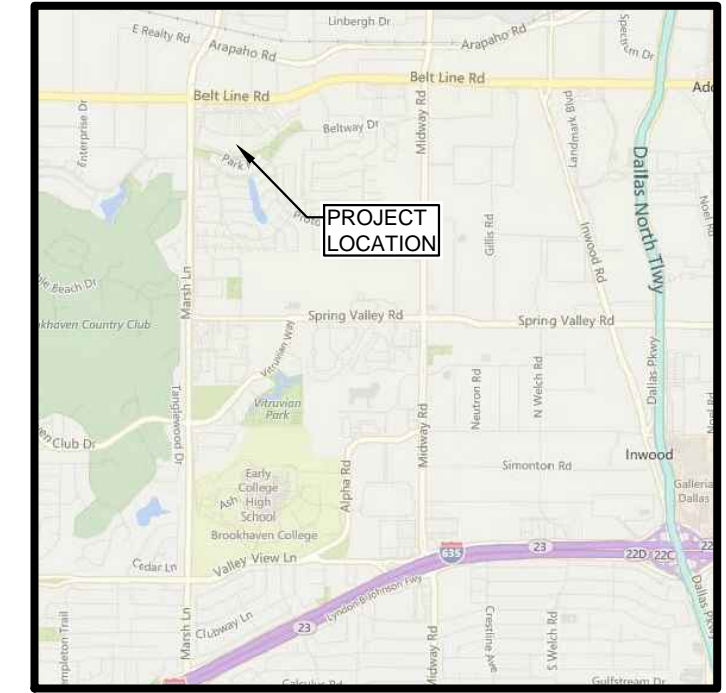


SITE BENCHMARK
 SITE BENCHMARK (TBM) IS A MAG NAIL WITH WASHER STAMPED "PH
 LAND SURVEYING SET WITHIN A CONCRETE SLAB AND 70' NORTH OF
 THE NORTHEAST CORNER OF THE BUILDING AT 3770 BELT LINE ROAD AND
 EAST OF A FIRE HYDRANT. THE TBM HAS THE FOLLOWING VALUES: X =
 247308.09 (Y = 702288.02, TEXAS COORDINATE SYSTEM OF 1983, NORTH
 CENTRAL ZONE); Z = 586.16 (NAVD83)

NOTE:
 SEE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF
 PORCHES, RAMPS, WHEELS, SLOPED PAVING, TRUCK DOCKS, BUILDING
 UTILITY ENTRANCE LOCATIONS AND PRECISE BUILDING DIMENSIONS.



LIMITS OF DISTURBANCE

SQ FT	ACRES
41,091	0.94

GENERAL EROSION NOTES

- ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF TEXAS NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AREA, EQUIPMENT CLEANING AREA, EMPLOYEE BREAK AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS AND TOILET FACILITIES. THE EXACT LOCATIONS SHALL BE COORDINATED WITH THE OWNER'S CONSTRUCTION MANAGER.
- ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT BETWEEN THESE MATERIALS AND STORM WATER THAT IS DISCHARGED FROM THE SITE.
- MAINTAIN ON THE SITE OR HAVE READILY AVAILABLE SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLotation BOOMS TO CONTAIN AND CLEAN UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- DUST ON THE SITE SHALL BE CONTROLLED BY SPRAYING WATER ON DRY AREAS OF THE SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- NO RUBBISH, TRASH, GARBAGE OR OTHER SUCH MATERIALS SHALL BE DISCHARGED INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY WILL STOP FOR AT LEAST 21 DAYS, SHALL BE TEMPORARILY SEEDED WITHIN 14 DAYS.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE LANDSCAPING PLAN.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. THE EXACT LOCATIONS SHALL BE COORDINATED WITH THE OWNER'S CONSTRUCTION MANAGER.
- ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AFTER THE STABILIZATION OF THE SITE AND ALSO ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS.
- IF SOIL STOCKPILING IS EMPLOYED ON THE SITE, SILT FENCES SHALL BE USED TO HELP CONTAIN THE SEDIMENT.
- SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- SEDIMENT BASINS ARE ATTRACTIVE TO CHILDREN AND CAN BE VERY DANGEROUS. IN ALL CASES, LOCAL ORDINANCES AND REGULATIONS REGARDING HEALTH AND SAFETY MUST BE ADHERED TO.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER FINAL STABILIZATION. FINAL STABILIZATION HAS OCCURRED WHEN ALL SOIL DISTURBING ACTIVITIES ARE COMPLETED AND A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% OF THE COVER FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES HAS BEEN EMPLOYED.
- DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) TO HELP PREVENT EROSION AND STORM WATER POLLUTION.
- ALL OFF-SITE CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR STORM DRAINS & UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

EROSION DETAILS

- 75A BIG RED
- 84D SILT DIKE ON EXISTING PAVEMENT
- 85A TEMPORARY STONE CONSTRUCTION ENTRANCE
- 85C TEMPORARY CONCRETE WASH OUT

LEGEND

EXISTING	
AC	Air conditioner
B	Borehole
CB	Cable tv
EM	Electric meter
F	Fence or handrail
FC	Fire dept. connection
FD	Fire hydrant
G	Guard rail
GT	Grease trap
I	Inlet
IR	Iron
IR	Gas inlet
IR	Gas meter
IR	Gas line
IR	Utility pole anchor
IR	Irrigation valve
IR	Landscape or tree line
LP	Light pole
M	Mailbox
MW	Monitoring well
OM	Overhead utility lines
PE	Pool equipment
RS	Road sign
S	Silt fence
SP	Spot elevation
SS	Sanitary sewer manhole
SS	Sanitary sewer pipe
SS	Storm water manhole
SS	Storm water pipe
SS	Telephone manhole
SS	Tank fill lid
SS	Telephone riser
SS	Traffic signal pole
UC	Utility clean out
UC	Utility cabinet
UC	Utility vault
UM	Utility markings (line color = color of markings)
UP	Utility pole
UP	Utility pole with riser
UP	Utility sign
UP	Water shutoff
UP	Water valve
UP	Water manhole
UP	Water meter
UP	Well
UP	Water line

PROPOSED

---	PROPERTY LINE/RIGHT OF WAY LINE
---	LIMITS OF DISTURBANCE
---	GRADE BREAK
---	CONTOUR ELEVATIONS
---	STORM DRAIN

GENERAL EROSION NOTES CONT'D

MAINTENANCE
 ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A RAINFALL EVENT, AND SHOULD BE CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

- ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED AND RESEED AS NEEDED.
- SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-THIRD TO ONE-HALF THE HEIGHT OF THE SILT FENCE.
- THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
- IF THE STONES IN THE GRAVEL INLET SEDIMENT FILTERS BECOME CLOGGED WITH SEDIMENT, THE STONES MUST BE PULLED AWAY, CLEANED AND REPLACED. (JOB SPECIFIC)

SEQUENCE OF CONSTRUCTION

- INSTALL STABILIZED CONSTRUCTION ENTRANCES.
- PREPARE TEMPORARY PARKING AND STORAGE AREA.
- CONSTRUCT THE SILT FENCES ON THE SITE.
- CLEAR AND GRUB THE SITE.
- BEGIN GRADING THE SITE.
- START CONSTRUCTION OF BUILDING PAD AND STRUCTURES.
- TEMPORARILY SEED DENUDED AREAS.
- INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS.
- INSTALL INLET PROTECTION DEVICES.
- INSTALL RIP RAP AROUND OUTLET STRUCTURES.
- PREPARE SITE FOR PAVING.
- PAVE SITE.
- COMPLETE GRADING AND INSTALL PERMANENT SEEDING AND PLANTING.
- REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (ONLY IF SITE IS STABILIZED).

AS-BUILT DRAWING BASED SOLELY ON A SKETCH PROVIDED BY COYOTE CONTRACTORS DATED 7-19-2017. CEI ENGINEERING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THIS PLAN

JOB # 26873 DRAWING: 26873-CP-ENG LAST SAIVED BY: MSILVA LOCATION: P:\268000\26873\01 Drawings\Design As-Built\26873-CP-Eng



26873
 CEI PROJECT NO. INITIAL DATE DPOR PM DES DRW

4/21/16 ADS JEE JPS JPS
 CEI ENGINEERING ASSOCIATES, INC.

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EROSION CONTROL PLAN REV DATE 7/24/17 SHEET NO. C5
 AS-BUILT