

DEMOLITION NOTES

- 1 EXISTING CONCRETE DRIVEWAY TO BE REMOVED.
- 2 EXISTING ASPHALT PAVING TO BE REMOVED. REMOVE ONLY THAT REQUIRED TO INSTALL CONSTRUCTION ENTRANCE. THE REMAINING PAVEMENT WILL REMAIN IN PLACE UNTIL THE INSTALLATION OF ALL UNDERGROUND UTILITIES IS COMPLETE.
- 3 ALL EXISTING TREES ON SITE TO BE REMOVED.
- 4 EXISTING CONCRETE CURB TO BE REMOVED. COORDINATE WITH TURN LANE CONSTRUCTION. SEE SHEET C2.0.
- 5 EXISTING CURB INLETS TO BE REMOVED. COORDINATE WITH TURN LANE CONSTRUCTION. SEE SHEET C2.0 & SHEET C3.0. EXISTING DRAINAGE PIPES FROM THESE INLETS WILL BE ABANDONED IN PLACE.
- 6 EXISTING CONCRETE HEADWALL TO BE REMOVED.
- 7 EXISTING POWER POLE TO BE RELOCATED, (3) TOTAL. COORDINATE WITH POWER COMPANY.
- 8 EXISTING CONCRETE APRON TO BE REMOVED.
- 9 EXISTING 72" RCP TO BE REMOVED. REMOVE ONLY AMOUNT NECESSARY TO PROVIDE A CLEAN, WATER-TIGHT CONNECTION.
- 10 EXISTING CONCRETE PAVING TO BE REMOVED. REMOVE ONLY AMOUNT NECESSARY TO PERFORM THE WORK.
- 11 EXISTING TELEPHONE MANHOLES AND VAULTS TO BE LOWERED. COORDINATE ALL ACTIVITY WITH GOVERNING UTILITY COMPANY.

GENERAL NOTES

- 1. DUMPSTERS AND WASTE CONTAINERS WILL BE LOCATED ON SITE TO PROVIDE EASY ACCESS FOR PICK-UPS. TRASH REMOVAL WILL BE SCHEDULED FREQUENTLY, SO AS TO NOT ALLOW WASTE TO ACCUMULATE ON SITE.
- 2. PLACE PORTABLE SEWAGE FACILITIES WITHIN THE CONTRACTOR STORAGE AREA. SEE KEYED NOTE 5.
- 3. AREA DESIGNATED AS LANDSCAPE, WILL REMAIN UNDISTURBED UNTIL FINAL PAVING IS IN PLACE. AREAS DESIGNATED TO BE PAVED, WILL ONLY BE DISTURBED PRIOR TO WORK IN THAT AREA.
- 4. THIS SITE WILL BE OPERATING UNDER AN NPDES STORM WATER DISCHARGE PERMIT. CONTRACTOR TO ENSURE THE NOI HAS BEEN SUBMITTED TWO (2) DAYS PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHOULD BE FAMILIAR WITH THEIR RESPONSIBILITIES IN REGARDS TO MAINTAINING THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) BINDER. A COPY OF THE SWPPP BINDER SHOULD BE ON SITE OR AVAILABLE AT ALL TIMES.
- 5. EVERY EFFORT WILL BE MADE TO KEEP ALL PUBLIC RIGHT-OF-WAYS FREE OF DIRT. ANY DIRT WITHIN THE ROADWAY WILL BE CLEANED UP IMMEDIATELY.
- 6. ALL UTILITY WORK WITHIN THE RIGHT OF WAY OF THE TOLLWAY WILL BE GOVERNED BY THE CITY OF DALLAS. CONTRACTOR WILL KEEP A COPY OF THE UTILITY PERMIT ISSUED BY THE CITY OF DALLAS ON SITE AT ALL TIMES.
- 7. 48 HOURS PRIOR TO BEGINNING WORK WITHIN THE RIGHT OF WAY OF THE TOLLWAY, CONTRACTOR MUST INFORM THE CITY OF DALLAS TRANSPORTATION DEPARTMENT. CONTRACTOR WILL CONTACT:
RUSSELL FINELY
214.957.1036 (MOBILE PHONE)
214.670.5896 (OFFICE)

ALL TRAFFIC CONTROL WILL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE CITY OF DALLAS.

8. ALL PUBLIC INFRASTRUCTURE CONSTRUCTED UNDER THIS CONTRACT MUST BE INSTALLED AND INSPECTED ACCORDING TO THE TOWN OF ADDISON REQUIREMENTS. CONTRACTOR IS DIRECTED TO THE SUPPLEMENTAL SPECIFICATION BOOKLET WHICH OUTLINES THE TOWN REQUIREMENTS. THE BOOKLET HAS BEEN ISSUED WITH THE DRAWINGS AND ARE HEREBY A PART OF THE CONTRACT DOCUMENTS.

9. ALL UTILITY WORK WITHIN THE RIGHT OF WAY OF ADDISON ROAD WILL BE GOVERNED BY THE TOWN OF ADDISON. CONTRACTOR WILL KEEP A COPY OF THE ROW/EXCAVATION PERMIT ISSUED BY THE TOWN OF ADDISON ON SITE AT ALL TIMES.

PIPE SCHEDULE

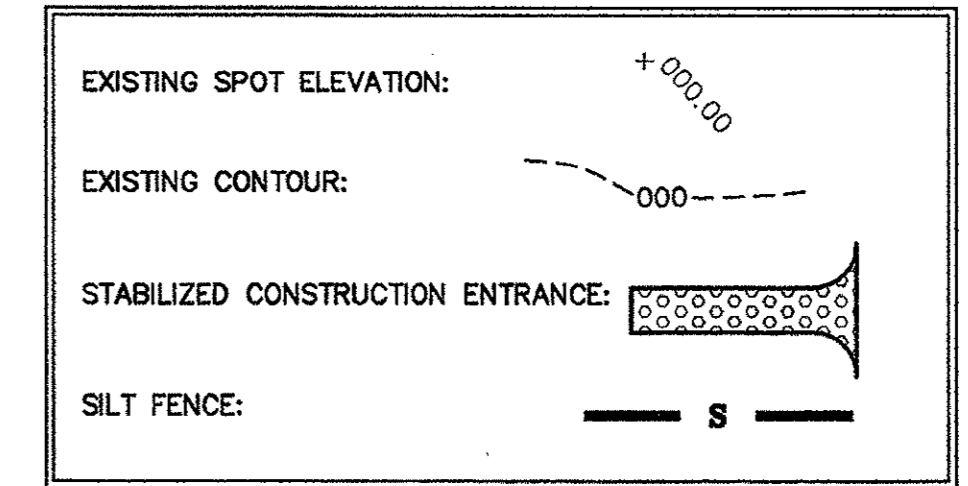
- (A) 32 LINEAR FEET OF 60" RCP AT 8.00% SLOPE
- (B) 14 LINEAR FEET OF 66" RCP AT 8.00% SLOPE
- (C) 284 LINEAR FEET OF 72" RCP AT 1.00% SLOPE
- (D) 68 LINEAR FEET OF 72" RCP AT 2.42% SLOPE
- (E) 20 LINEAR FEET OF 24" HDPE AT 7.28% SLOPE (OVERFLOW PIPE)
- (F) 11 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE
- (G) 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE
- (H) 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE
- (I) 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE
- (J) 12 LINEAR FEET OF 12" HDPE AT 0.27% SLOPE
- (K) 10 LINEAR FEET OF 24" HDPE AT 0.70% SLOPE (OVERFLOW PIPE)
- (L) 170 LINEAR FEET OF 24" HDPE AT 1.00% SLOPE
- (M) 170 LINEAR FEET OF 24" HDPE AT 1.00% SLOPE
- (N) 170 LINEAR FEET OF 24" HDPE AT 1.00% SLOPE
- (O) 9 LINEAR FEET OF 12" HDPE AT 0.27% SLOPE
- (P) 36" HDPE PIPE MANIFOLD (SIZED FOR 3 - 36" PIPES)
- (Q) 36" HDPE PIPE MANIFOLD (SIZED FOR 4 - 36" PIPES & 1 - 12" PIPE)
- (R) 24" HDPE PIPE MANIFOLD (SIZED FOR 3 - 24" PIPES & 1 - 12" PIPE)
- (S) 63 LINEAR FEET OF 18" RCP AT 1.92% SLOPE
- (T) 20 LINEAR FEET OF 24" RCP AT 1.00% SLOPE
- (U) 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE

ALL TRENCHING SHALL COMPLY WITH DETAIL C4.1-01.

KEYED NOTES

- 1 DOWNSPOUT. DRAIN TO SURFACE AND FLOW TO STORM DRAIN. LOCATE AS SHOWN. COORDINATE WITH SHEETS MEPT & A2.2.
- 2 STABILIZED CONSTRUCTION ENTRANCE. SEE DETAIL C1.1-01.
- 3 SILT FENCE SHALL BE PLACED AROUND PERIMETER OF PROPERTY AS SHOWN ON PLANS. SEE DETAIL C1.1-02.
- 4 CURB INLET PROTECTION. ENSURE DEVICES DO NOT INTERFERE WITH TRAFFIC. SEE DETAILS C1.1-03. ALTERNATE DEVICES WILL BE ALLOWED UPON PRE-APPROVAL. FOR PROPOSED CURB INLETS, INSTALL PROTECTION IMMEDIATELY UPON COMPLETION. CHANGE DEVICE ONCE ADJACENT PAVEMENT HAS BEEN POURED.
- 5 CONTRACTOR LAY DOWN AND STORAGE AREA. PROVIDE SECONDARY CONTROL MEASURES AROUND STORAGE AREA TO HELP REDUCE THE POTENTIAL FOR DISCHARGE. ENSURE PROPER CONTROL MEASURES ARE USED ONCE SURFACE HAS BEEN PAVED.
- 6 FUEL AND HAZARDOUS MATERIAL STORAGE ON NORTH SIDE OF STORAGE AREA. FUELS AND HAZARDOUS MATERIAL SHOULD BE KEPT LOCKED UP DURING NON-WORK HOURS.
- 7 EQUIPMENT AND NON-HAZARDOUS MATERIAL STORAGE WITHIN THE STORAGE AREA.
- 8 CONCRETE WASH OUT AREA. EXCAVATE 10'x10'x1' DEEP. MOUND DIRT TO FORM A 1 FOOT HIGH BERM AROUND EXCAVATION. SLOPE SIDES 3:1. ONCE CONCRETE HAS HARDENED, REMOVE AND DISPOSE OF PROPERLY.
- 9 SILT FENCE. ADD ADDITIONAL SECTIONS AS REQUIRED TO KEEP SEDIMENT FROM LEAVING THE SITE. ROCK BERM OR CHECK DAM MAY BE USED IN ADDITION TO SILT FENCE AS REQUIRED.
- 10 SILT FENCE. PORTION INDICATED BY THIS NOTE TO BE INSTALLED ONLY IF INSTALLATION OF STORM DRAIN SYSTEM IS NOT COMPLETE PRIOR TO THE START OF THE TURNLANE CONSTRUCTION. IF NEEDED, INSTALL PRIOR TO START OF CONSTRUCTION AND KEEP IN PLACE UNTIL FINAL PAVING IS COMPLETE.
- 11 AREA TO REMAIN UNDISTURBED UNTIL FINAL PAVING IS IN PLACE. SEE GENERAL NOTE 3.
- 12 STORM DRAIN GRATE INLET PROTECTION. SEE DETAIL C1.1-05.
- 13 ROCK BERM OR CHECK DAM OR SIMILAR DEVICE PLACED IN CHANNEL DURING INSTALLATION OF 72" STORM DRAIN.

EROSION LEGEND



STORM STRUCTURE SCHEDULE

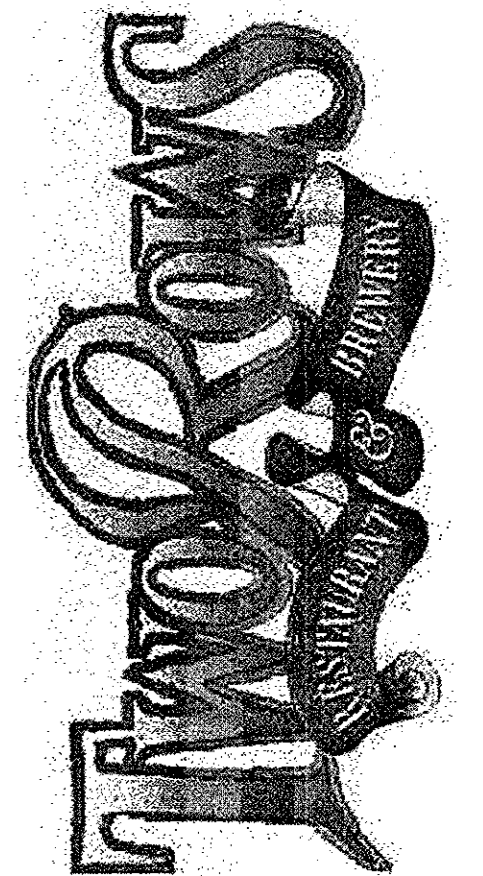
- 1 PRECAST JUNCTION BOX
RIM = 637.25
60" INVERT IN (SW) = 627.70
60" INVERT IN (W) = 628.54
72" INVERT OUT (S) = 626.59
- 2 PRECAST BEND MANHOLE ASSEMBLY
RIM = 631.55
72" INVERT IN (N) = 623.75
72" INVERT IN (S) = 623.65
- 3 PROPOSED CURB INLET
TOP = 631.74
THROAT = 631.24
36" INVERT OUT (W) = 625.97
24" INVERT OUT (NW) = 626.97 (OVERFLOW)
24" INVERT IN (E) = 626.07
- 4 PROPOSED CURB INLET
TOP = 633.68
THROAT = 633.18
24" INVERT OUT (E) = 628.68
24" INVERT OUT (S) = 629.68 (OVERFLOW)
- 5 PROPOSED CURB INLET
TOP = 631.48
THROAT = 630.88
18" INVERT OUT (N) = 627.48
- 6 PROPOSED CURB INLET
TOP = 631.10
THROAT = 630.60
18" INVERT IN (S) = 626.32
24" INVERT OUT (SW) = 626.22



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REVISIONS

NO.	DATE	DESCRIPTION
1	12/19/02 (City)	

PROTOTYPE
STORE NUMBER
WD PROJECT NUMBER
0000.659-00

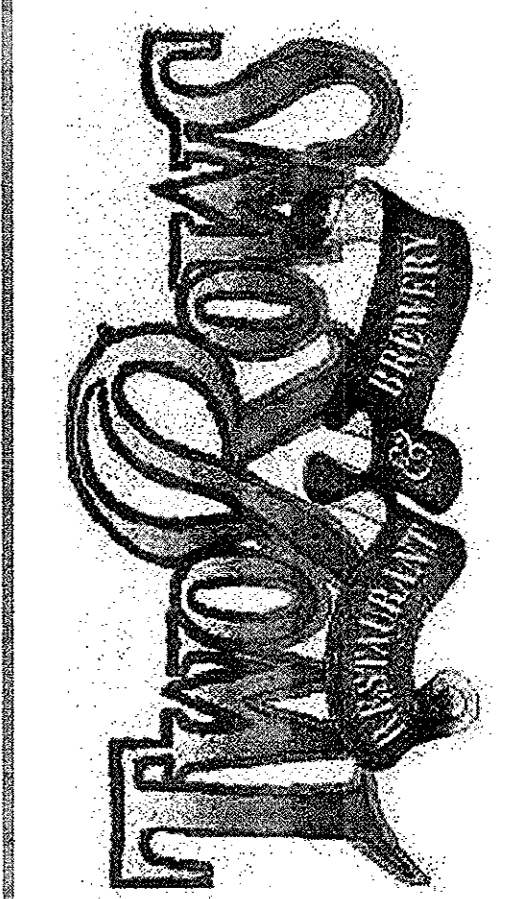
C1.0 EROSION CONTROL PLAN



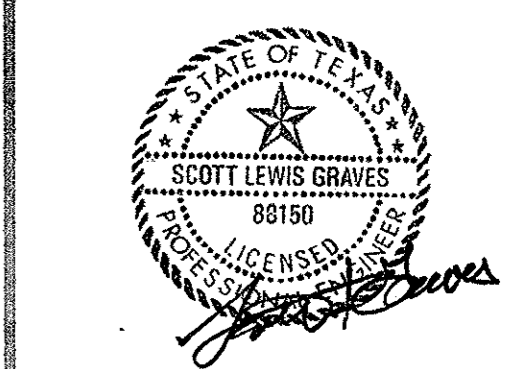
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PROTOTYPE

STORE NUMBER

WD PROJECT NUMBER
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C1.1

EROSION CONTROL DETAILS

CONSTRUCTION SEQUENCE

- FLAG ALL WORK LIMITS.
- NOTIFY SEDIMENT CONTROL INSPECTOR (24) HOURS PRIOR TO START OF CONSTRUCTION.
- IDENTIFY AND PROTECT ALL EXISTING VEGETATION TO BE SAVED
- PERFORM CLEARING AND GRADING REQUIRED FOR INSTALLATION OF PERIMETER CONTROLS.
- INSTALL PERIMETER RUNOFF CONTROLS; NOTIFY SEDIMENT CONTROL INSPECTOR AND OBTAIN APPROVAL BEFORE PROCEEDING FURTHER.
- COMPLETE ALL REQUIRED STOCKPILING, SITE CLEARING AND GRADING.
- CONSTRUCT PARKING LOT BASE, BUILDING FOUNDATION AND INSTALL SITE UTILITIES.
- INSTALL STORM DRAINAGE PROTECTION.
- WEATHER IN BUILDING.
- COMPLETE PARKING LOT CONSTRUCTION.
- COMPLETE FINAL GRADING, STABILIZATION, AND LANDSCAPING.
- NOTIFY SEDIMENT CONTROL INSPECTOR AND OBTAIN APPROVAL TO REMOVE SEDIMENT AND EROSION CONTROL.

TEMPORARY SEEDING NOTES

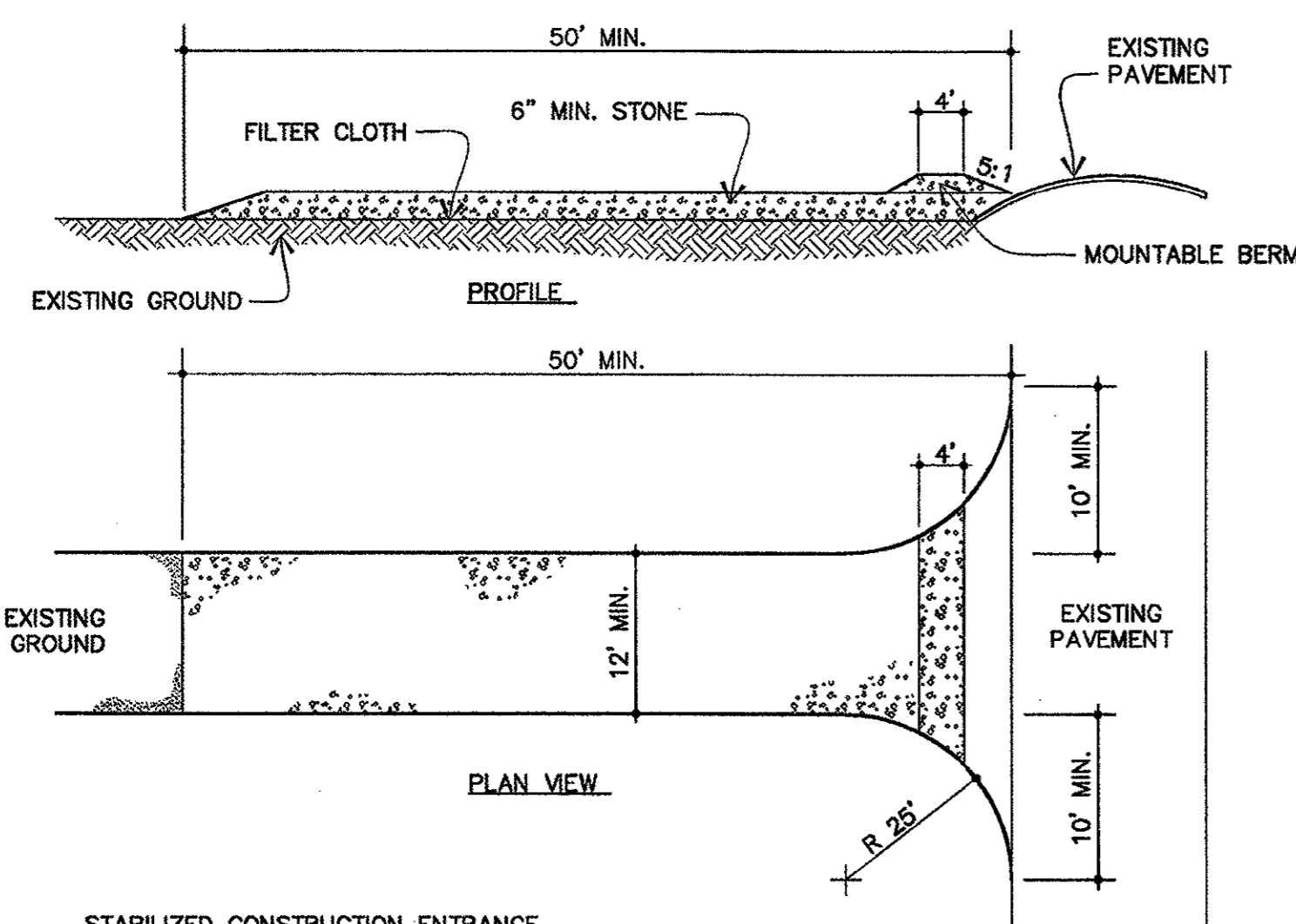
- WHERE TEMPORARY SEEDING IS REQUIRED OR NECESSARY THE FOLLOWING NOTES SHALL GOVERN:
- SCOPE: PLANTING SHORT TERM VEGETATION TO STABILIZE CLEARED OR GRADED AREAS SUBJECT TO EROSION WITHIN A PERIOD OF 14 DAYS.
 - STANDARDS: TEMPORARY SEEDING SHALL CONFORM TO ALL REQUIREMENTS OF GOVERNING STATE AND LOCAL SOIL AND EROSION CONTROL AND CONSERVATION AUTHORITIES.
 - SEDIMENT AND EROSION CONTROL: ALL PERIMETER CONTROLS MUST BE STABILIZED IN 7 DAYS. ALL INTERIOR CONTROLS MUST BE STABILIZED IN 14 DAYS.
- SPECIFICATIONS
- SITE PREPARATION
 - PRIOR TO SEEDING, INSTALL ALL REQUIRED SEDIMENT AND EROSION CONTROL MEASURES.
 - FINAL GRADING NOT REQUIRED FOR TEMPORARY SEEDING.
 - SOIL AMENDMENTS
 - FERTILIZERS SHALL BE APPLIED AT A RATE OF 600 LBS./ACRE USING 10-10-10 OR EQUIVALENT.
 - PROVIDE SOIL PH TESTING. ADJUST THE PH RANGE OF SOILS THAT ARE UNACCEPTABLE PER LOCAL COOPERATIVE EXTENSION SERVICE TURF STANDARDS. INCORPORATE RAW GROUND AGRICULTURAL LIMESTONE OR ALUMINUM SULFATE UNIFORMLY AT THE RATE SPECIFIED BY THE MANUFACTURER.
 - SEEDBED PREPARATION
 - SOIL SHALL BE LOOSENED TO A DEPTH OF 4 INCHES BY RAKING, DISCING, OR OTHER ACCEPTABLE MEANS PRIOR TO SEEDING.
 - SEEDING
 - SEED TO BE ANNUAL RYE GRASS (LOLIUM MUTIFLORUM) APPLIED AT A RATE OF 2.0 LBS./1000 SQ. FT.
 - APPLY SEED UNIFORMLY WITH CYCLONE SEEDER DRILL, CULTIPACKER, OR HYDROSEEDER.

NOTE: IF HYDROSEEDING IS USED AND THE SEED, FERTILIZER AND MULCH ARE MIXED, THEY WILL BE MIXED ON SITE AND SEEDING SHALL BE IMMEDIATE WITHOUT INTERRUPTION.

NOTE: DO NOT APPLY SEED IF GROUND IS FROZEN OR MUDDY.
 - MULCHING
 - STRAW MULCH SHALL BE APPLIED IMMEDIATELY AFTER SEEDING (NON HYDROSEEDING) AT A RATE OF 140 LBS.± (2 BALES) PER 1000 SF. MULCH MAY BE APPLIED BY HAND OR WITH A BLOWER. MULCH SHALL BE CLEAN, WELL SEASONED STRAW FREE OF SEEDS OR ROOTS OF NOXIOUS WEEDS.
 - MULCH FOR HYDROSEEDING SHALL BE WOOD CELLULOSE FIBER MULCH APPLIED AT A RATE OF 2,000 LBS. / ACRE. 1000 SF. MULCH MAY BE APPLIED BY HAND OR WITH A BLOWER.
 - STRAW MULCH SHALL BE KEPT IN PLACE WITH ASPHALT EMULSION APPLIED AT A MIN. RATE OF 60 GAL. / TON OF MULCH.

GENERAL NOTES

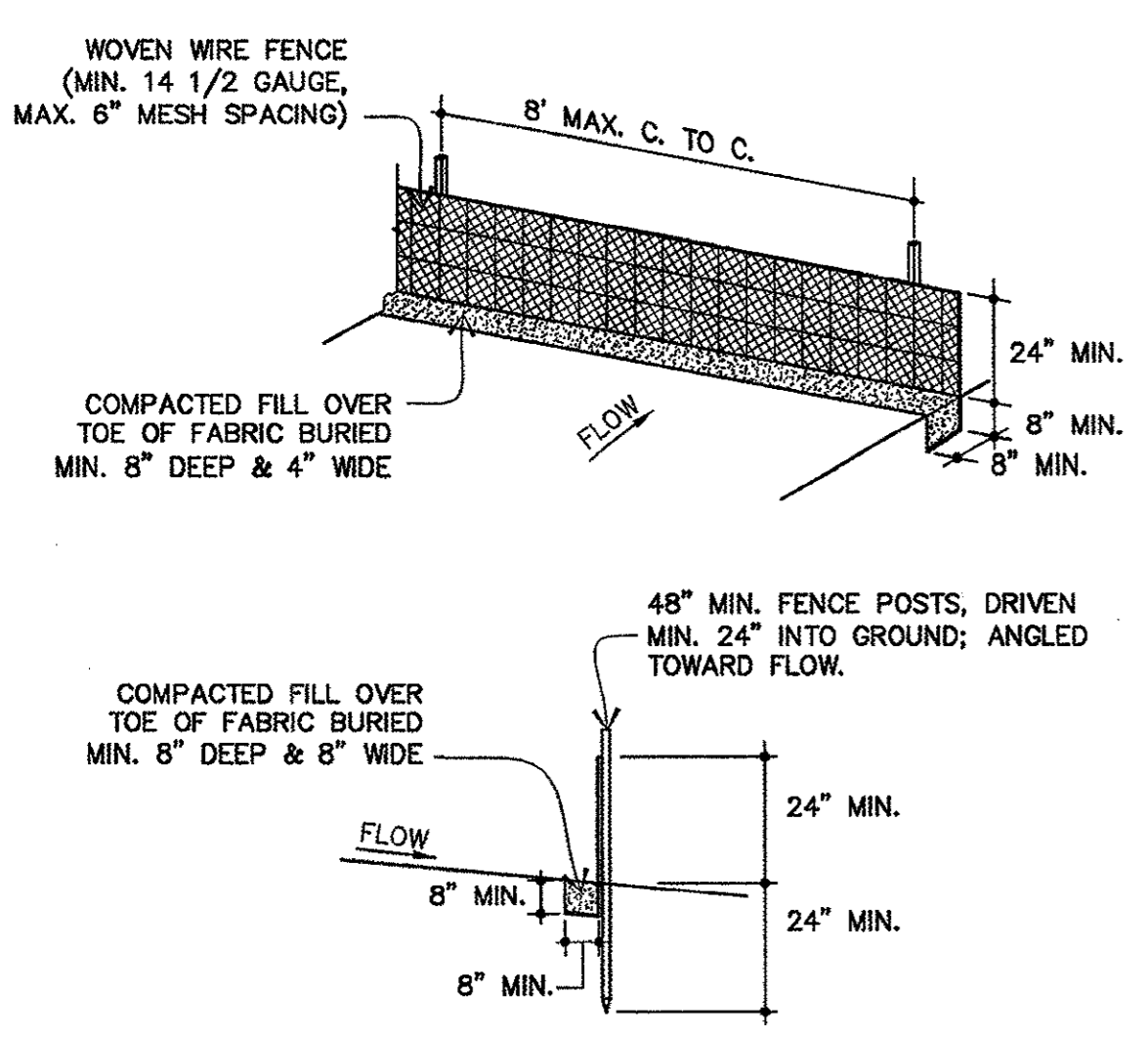
- ALL EROSION/SEDIMENT CONTROL MEASURES SHALL COMPLY WITH STATE AND LOCAL SOIL EROSION CONTROL AND CONSERVATION STANDARDS. ADDITIONAL MEASURES TO PREVENT / CONTROL SOIL SEDIMENTATION OR EROSION MAY BE REQUIRED DUE TO SITE CONSIDERATIONS WITHIN THE BOUNDARY LIMITS AND DOWNSTREAM.
- PRIOR TO DEVELOPMENT, PERIMETER SHALL BE CLEARLY MARKED AND ALL SOIL DISTURBANCE TO BE CONTAINED WITHIN. OFF SITE WORK MAY BE NECESSARY DUE TO ACTUAL SITE SLOPE OR DRAINAGE REQUIREMENTS ALL CONTROL MEASURES MUST CONFORM TO SITE STANDARDS.
- ALL POINTS OF SITE INGRESS AND EGRESS TO BE CONSTRUCTED PRIOR TO ANY OTHER DEVELOPMENT. THEY MUST BE STABILIZED AND INCLUDE SOIL EROSION / SEDIMENTATION CONTROL MEASURES IN ORDER TO PREVENT TRACKING AND SILTING OF MUD INTO PUBLIC RIGHT OF WAY. ANY MATERIALS DEPOSITED FROM SITE ONTO PUBLIC ROADWAYS OR DRAINAGE AREAS TO BE IMMEDIATELY REMOVED.
- ALL STORM DRAIN AND SANITARY SEWER TRENCHES NOT IN PAVED AREAS ARE TO BE MULCHED AND/OR SEEDED WITHIN 14 DAYS AFTER INITIAL BACKFILL.
- DURING CONSTRUCTION, ALL SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED AFTER EACH RAINFALL AND REPAIRED IF NECESSARY. SEDIMENT TO BE REMOVED TO A SUITABLE DISPOSAL AREA AND STABILIZED WITH PERMANENT VEGETATIVE COVER.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL SEDIMENT AND EROSION CONTROL MEASURES UNTIL DISTURBED AREAS ARE STABILIZED.
- AFTER FINE GRADING, ALL DISTURBED AREAS ARE TO BE PERMANENTLY SEEDED AND/OR SODDED.
- NO SLOPE SHALL BE GREATER THAN 2:1.
- FOLLOWING INITIAL SOIL DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN SEVEN CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE. THIS DOES NOT APPLY TO THOSE AREAS WHICH ARE SHOWN ON THE PLAN AND ARE CURRENTLY BEING USED FOR MATERIAL STORAGE OR FOR THOSE AREAS ON WHICH ACTUAL CONSTRUCTION ACTIVITIES ARE CURRENTLY BEING PERFORMED. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE THAT STABILIZED AREAS CONTINUOUSLY MEET THE APPROPRIATE REQUIREMENTS OF GOVERNING AUTHORITIES.
- MULCH FILTER BERM MAY BE USED IN LIEU OF SILT FENCE. VERIFY WITH SEDIMENT CONTROL INSPECTOR PRIOR TO INSTALLATION.



- STABILIZED CONSTRUCTION ENTRANCE**
- STONE SIZE - USE #2 STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
 - LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET
 - DEPTH - NOT LESS THAN SIX (6) INCHES.
 - WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
 - FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
 - SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
 - MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
 - WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
 - PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

01 STABILIZED CONSTRUCTION ENTRANCE

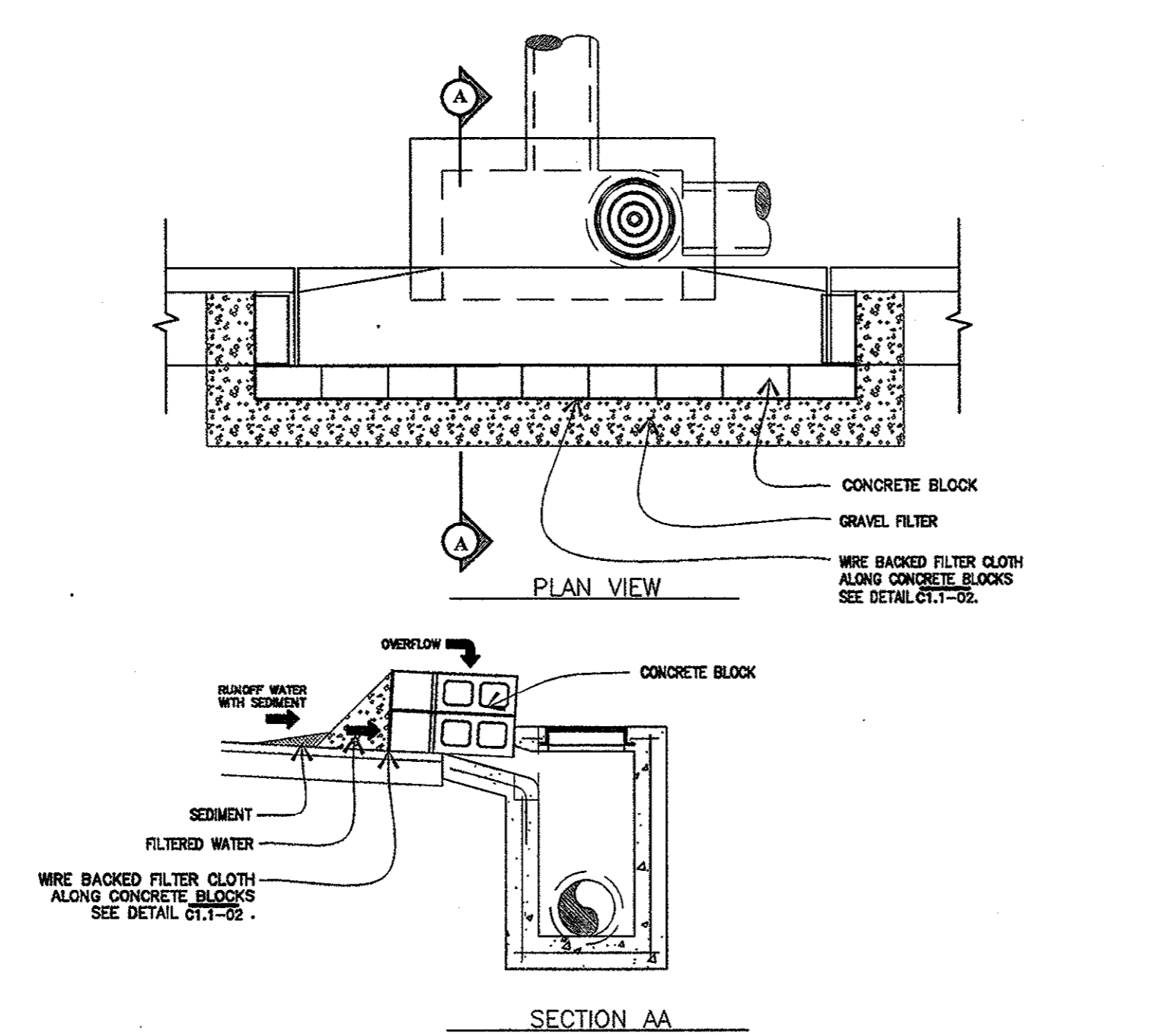
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- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES.
 - FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID-SECTION.
 - WHEN TWO SECTIONS OR FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY (6) INCHES AND FOLDED.
 - LOCATE POSTS DOWN SLOPE OF FABRIC FOR FENCE SUPPORT.
 - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
- POSTS: STEEL EITHER "T" OR "U" TYPE
LOCATED MAXIMUM 8' C. C.
WOVEN WIRE: WOVEN WIRE: 14 1/2 GA. 6" MAX. MESH OPENING
FILTER CLOTH: FILTER X, MIRAFI 100X, STABI-LINKA T140N OR APPROVED EQUAL.
1. PREFABRICATED UNIT: GEOFAB, ENVROFENCE, OR APPROVED EQUAL.
- F. MULCH FILTER BERM OR TUBULAR EROSION CONTROL LOGS MAY BE AN ACCEPTABLE ALTERNATE. VERIFY WITH SEDIMENT CONTROL INSPECTOR PRIOR TO INSTALLATION.

02 SILT FENCE

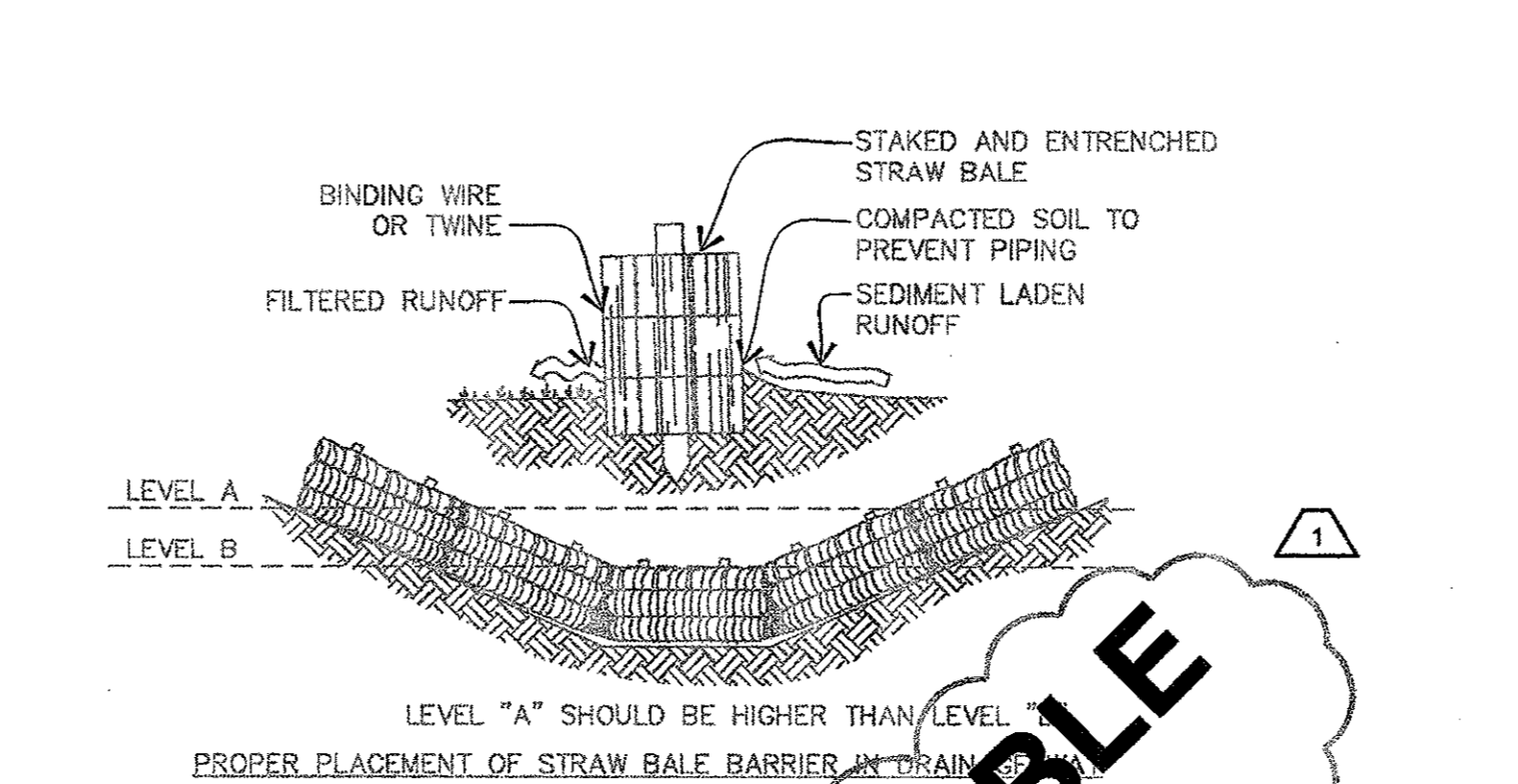
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- GENERAL NOTES**
- PLACE CONCRETE BLOCKS LENGTHWISE ON THEIR SIDES IN A SINGLE ROW AROUND THE PERIMETER OF THE INLET, WITH THE ENDS OF ADJACENT BLOCKS ABUTTING. THE HEIGHT OF THE BARRIER CAN BE VARIED, DEPENDING ON DESIGN NEEDS, BY STACKING COMBINATIONS OF 4-INCH, 8-INCH AND 12-INCH WIDE BLOCKS. THE BARRIER OF BLOCKS SHALL BE AT LEAST 12 INCHES HIGH AND NO GREATER THAN 24 INCHES HIGH.
 - WIRE MESH SHALL BE PLACED OVER THE OUTSIDE VERTICAL FACE (WEBBING) OF THE CONCRETE BLOCKS TO PREVENT STONE FROM BEING WASHED THROUGH THE HOLES IN THE BLOCKS. TO PREVENT STONE FROM BEING WASHED THROUGH THE HOLES IN THE BLOCKS. HARDWARE CLOTH OF COMPARABLE WIRE MESH WITH 1/2-INCH OPENINGS SHALL BE USED.
 - STONE SHALL BE PILED AGAINST THE TOP OF THE BLOCK BARRIER, AS SHOWN. AASHTO-57 COURSE AGGREGATE SHALL BE USED.
 - IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS IT FUNCTION, THE STONE MUST BE PULLED AWAY FROM THE BLOCKS, CLEANED AND REPLACED

03 CURB INLET PROTECTION

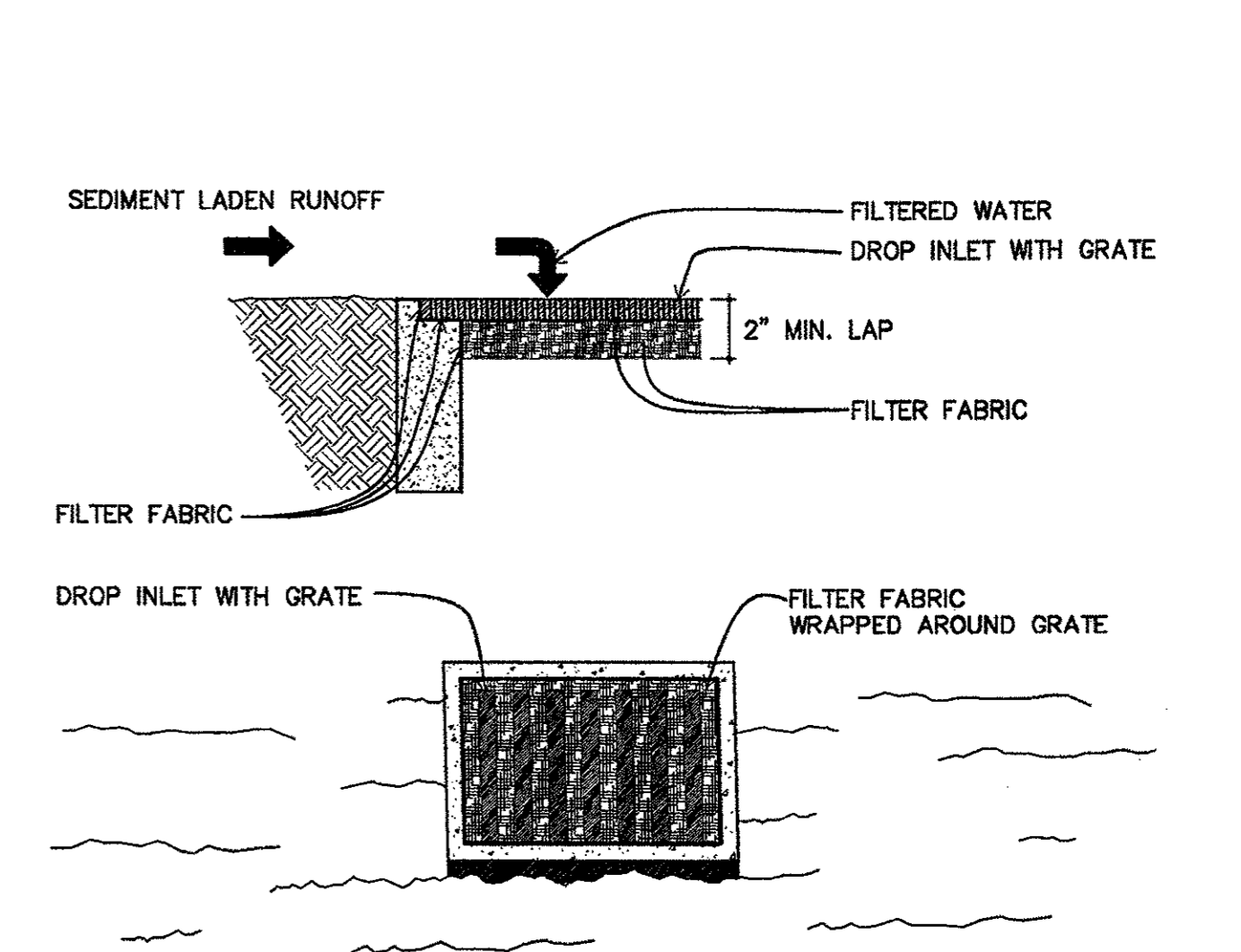
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- PROPER PLACEMENT OF STRAW BALE BARRIER AT DRAINAGE STRUCTURES**
- ALL BALES SHALL BE EITHER WIRE-BOUND OR SPRING-BOUND. STRAW BALES SHALL BE INSTALLED SO THAT BINDINGS ARE ON THE INSIDE OF THE BARRIER RATHER THAN ALONG THE TOPS AND BOTTOMS OF THE BALES IN ORDER TO PREVENT DETERIORATION OF THE BINDINGS.
 - THE BARRIER SHALL BE ENTRENCHED TO A MINIMUM DEPTH OF 4 INCHES. THE EXCAVATED SOIL SHALL BE BACKFILLED AGAINST THE BARRIER. BACKFILL SOIL SHALL CONFORM TO THE GRADING PLAN. THE BARRIER SHALL BE BUILT UP TO 2" ABOVE THE FINISH GRADE OF THE BARRIER.
 - EACH BALE SHALL BE SECURELY ANCHORED BY AT LEAST TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY INSTALLED BALE TO FORCE THE BALES TOGETHER. STAKES OR RE-BARS SHALL BE DRIVEN DEEP ENOUGH INTO THE GROUND TO SECURELY ANCHOR THE BALE.
 - THE GAP BETWEEN BALES SHALL BE CHINKED (FILLED BY WEDGING) WITH STRAW TO PREVENT WIND FROM ESCAPING BETWEEN THE BALES. (LOOSE STRAW SCATTERED UNDER THE BALE IMMEDIATELY UPHILL FROM A STRAW BALE BARRIER WILL INCREASE BALE EFFICIENCY).
 - INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- PLACEMENT OF STRAW BALE BARRIER AT DRAINAGE STRUCTURES**
- AS SOON AS ROUGH GRADES HAVE BEEN ESTABLISHED AND CATCH BASINS, CURB INLETS, LAWN DRAINS, ETC. SET STRAW BALES WILL BE PLACED AND STAKED AS SHOWN ON THE SOIL EROSION CONTROL PLAN.
 - BALES WILL REMAIN AND BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. BALES WILL BE REPLACED AS REQUIRED DURING CONSTRUCTION.
 - PLACEMENT OF BALES AT DRAINAGE STRUCTURES SHALL BE AS PER NOTES A, B, C, AND D ABOVE.

04 HAY BALES

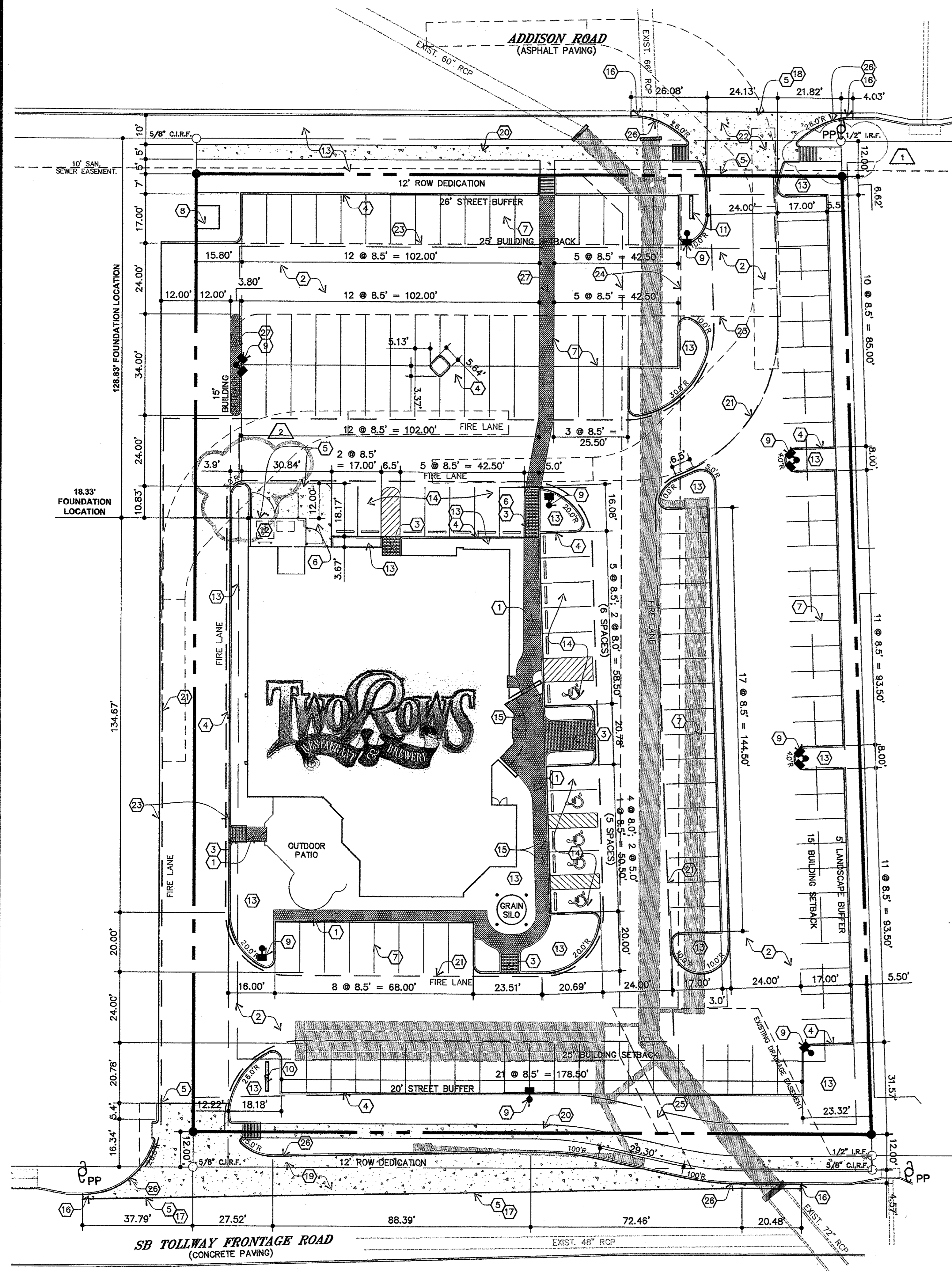
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- INLET PROTECTION**
- CONTRACTOR TO PROVIDE FILTER FABRIC OVER THE GRATE WITH A TWO INCH (2") MINIMUM LAP AS SHOWN.
- MAINTENANCE:
- CONTRACTOR TO CLEAN FILTER AFTER EVERY STORM. IF THE FABRIC BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PASSES FILTERED WATER, THE SEDIMENT SHALL BE REMOVED AND THE FABRIC SHALL BE REPLACED. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
- THE FABRIC SHALL BE REMOVED WHEN THE DRAINAGE AREA HAS BEEN ADEQUATELY STABILIZED.

05 GRATE INLET PROTECTION

SCALE: NONE



GENERAL NOTES

- ALL UTILITY WORK WITHIN THE RIGHT OF WAY OF THE TOLLWAY WILL BE GOVERNED BY THE CITY OF DALLAS. CONTRACTOR WILL KEEP A COPY OF THE UTILITY PERMIT ISSUED BY THE CITY OF DALLAS ON SITE AT ALL TIMES.
- 48 HOURS PRIOR TO BEGINNING WORK WITHIN THE RIGHT OF WAY OF THE TOLLWAY, CONTRACTOR MUST INFORM THE CITY OF DALLAS TRANSPORTATION DEPARTMENT. CONTRACTOR WILL CONTACT:
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214.957.1036 (MOBILE PHONE)
214.670.5896 (OFFICE)
ALL TRAFFIC CONTROL WILL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE CITY OF DALLAS.
- ALL UTILITY WORK WITHIN THE RIGHT OF WAY OF ADDISON ROAD WILL BE GOVERNED BY THE TOWN OF ADDISON. CONTRACTOR WILL KEEP A COPY OF THE ROW/EXCAVATION PERMIT ISSUED BY THE TOWN OF ADDISON ON SITE AT ALL TIMES.
- ALL UTILITY, STREET AND DRAINAGE WORK NOT WITHIN THE RIGHT OF WAY OF THE TOLLWAY WILL COMPLY WITH THE TOWN OF ADDISON STANDARDS AND SPECIFICATIONS. ALL WORK WILL BE INSPECTED AND APPROVED BY THE TOWN OF ADDISON PUBLIC WORKS DEPARTMENT.
- TRAFFIC CONTROL ON ADDISON ROAD WILL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

KEYED NOTES

- MODULAR BLOCK PAVERS (SIDEWALK), SEE SHEET C3.3 AND C3.4.
- MODULAR BLOCK PAVERS (PAVEMENT), SEE SHEET C3.3 AND C3.4.
- MODULAR BLOCK PAVERS (ADA COMPLIANT), SEE SHEET C3.3 AND C3.4.
- FORMED CONCRETE CURB, SEE DETAIL C2.1-08.
- HEAVY-DUTY CONCRETE PAVING AND TURN DOWN EDGE, SEE DETAIL C2.1-02 AND C2.1-04.
- SERVICE RAMP, SEE DETAIL C2.1-09.
- 4" CONTRASTING COLORED MODULAR BLOCK PAVERS, SEE SHEET C3.3 AND C3.4.
- CONCRETE TRANSFORMER PAD AND POSTS PER LOCAL UTILITY SPECIFICATIONS.
- SITE LIGHT, SEE SHEET C4 AND DETAIL C4.1-05.
- SITE SIGN (POLE), ALL SIGNAGE SHALL COMPLY WITH THE TOWN OF ADDISON REQUIREMENTS. VERIFY SIZE AND EXACT LOCATION WITH SIGN COMPANY REPRESENTATIVE.
- SITE SIGN (MONUMENT), ALL SIGNAGE SHALL COMPLY WITH THE TOWN OF ADDISON REQUIREMENTS. VERIFY SIZE AND EXACT LOCATION WITH SIGN COMPANY REPRESENTATIVE.
- TRASH ENCLOSURE, SEE SHEET A4.2 AND S1.0.
- LANDSCAPING OR LAWN AREA, SEE LANDSCAPE PLANS.
- AREA TO MEET ADA AND LOCAL ACCESSIBILITY CODES AND REQUIREMENTS. PAVEMENT AT HANDICAP SPACES SHALL SLOPE UP TO SIDEWALK ELEVATION. SEE DETAIL C2.1-05. SEE SHEET C3 FOR TOP AND BOTTOM CURB ELEVATIONS. PROVIDE 6" LONG CONCRETE BUMPER BLOCKS AT HANDICAP PARKING SPACES AND OTHER NOTED PARKING SPACES, SECURE WITH 2 #4 RODS, 4' LONG.
- GENERAL CONTRACTOR TO PROVIDE AND INSTALL (5) POSTS FOR HANDICAP PARKING SIGNS. SIGNS PROVIDED BY GENERAL CONTRACTOR TO MEET ALL LOCAL REQUIREMENTS, SEE DETAIL C2.1-07.
- TAPER LAST 10' OF 6" CONCRETE CURB FROM TYPICAL CURB DETAIL TO MEET AND MATCH CONFIGURATION AND ELEVATION OF EXISTING ADJOINING CURB OR PAVEMENT.
- DRIVEWAY TIE-IN (CONCRETE ROAD), SAWCUT EDGE OF EXISTING PAVING 2'0" FROM BACK OF CURB. APPROACH IS TO MEET AND MATCH EXISTING ROAD PAVING. ALL WORK IS TO BE DONE IN ACCORDANCE WITH LOCAL GOVERNING REGULATIONS.
- DRIVEWAY TIE-IN (ASPHALT ROAD), SEE DETAIL C2.1-04. SAW CUT A CLEAN EDGE AND REPAIR EXISTING ASPHALT AS NECESSARY. APPROACH IS TO MEET AND MATCH EXISTING ROAD PAVING. ALL WORK IS TO BE DONE IN ACCORDANCE WITH LOCAL GOVERNING REGULATIONS.
- 12' WIDE CONCRETE TURNLANE, SEE HEAVY-DUTY DETAIL C2.1-02 FOR PAVEMENT DETAIL AND C2.1-11 FOR TURNLANE SECTION.
- 5' WIDE CONCRETE SIDEWALK, SEE DETAIL C2.1-01.
- MODULAR BLOCK PAVERS (FIRE LANE), SEE SHEET C3.3 AND C3.4.
- CONCRETE DRIVE APPROACH, SEE DETAIL C2.1-02.
- 24 FOOT ACCESS EASEMENT TO BE FILED UNDER SEPARATE INSTRUMENT BY OTHERS.
- 20 FOOT DRAINAGE EASEMENT.
- DRAINAGE EASEMENT.
- MONOLITHIC CONCRETE CURB (CONCRETE PAVING ONLY), SEE DETAIL C2.1-10.
- MODULAR BLOCK PAVERS (PAVEMENT), SEE SHEET C3.3 AND C3.4. COLOR TO MATCH ADA COMPLIANT RAMPS. LAYING PATTERN TO BE DIFFERENT THAN ADJACENT PAVEMENT.

PARKING TABULATION

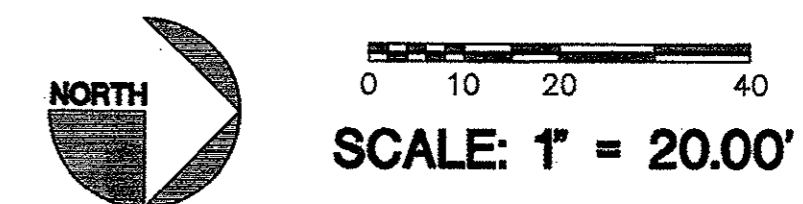
REQUIRED PARKING	1 PARKING SPACES PER 70 SF 10,120 SF / 70 = 144.6 = 145 REQUIRED
PARKING PROVIDED	140 SPACES + 5 H.C. SPACES 145 PARKING SPACES TOTAL

STAKING NOTES

- THE BUILDING AND PARKING ARE PARALLEL AND PERPENDICULAR TO EAST/WEST AND SOUTH PROPERTY LINES.
- ALL EXISTING CONDITIONS, TOPOGRAPHY, UTILITIES, EASEMENTS & LEGAL DESCRIPTION IS AS TAKEN FROM A SURVEY OF LAND SITUATED IN CITY OF ADDISON, DALLAS COUNTY, TEXAS AS PREPARED BY:
VESELKA, MYCOSKIE & ASSOCIATES
200 E. ABRAM STREET
ARLINGTON, TEXAS 76010
817.467.1671
- NOTIFY OWNER OF ANY DISCREPANCIES FOUND.
- ALL RADII ARE 3.0' UNLESS NOTED.
- ALL DIMENSIONS ARE TO FACE OF CURBS UNLESS OTHERWISE NOTED.
- REGULAR PARKING STALLS ARE 8.5' x 17.0'.
- HANDICAP PARKING STALLS ARE 8.0' x 17.0'.

SITE DATA

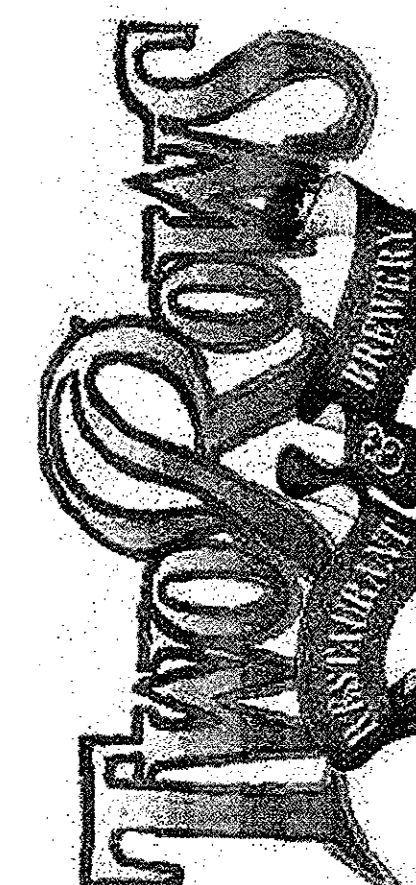
PROPERTY OWNER: TWO ROWS ADDISON, L.P.
PROPOSED USE: RESTAURANT
ZONING DISTRICT: LR
ADJACENT ZONING CLASSIFICATION:
NORTH: LR
SOUTH: LR
EAST: -
WEST: R-1 / PD
BUILDING SETBACK:
FRONT YARD..... 25 FEET
REAR YARD..... 25 FEET
SIDE YARD..... 15 FEET
PARCEL SIZE: 73,984 SF (1.70 ACRES)
BUILDING AREA: 10,120 SF
GREEN AREA: 16,405 SF (22% COVERAGE)
IMPERVIOUS AREA: 47,459 SF
BUILDING HEIGHT: 25'-0"
NO. OF STORIES: 1



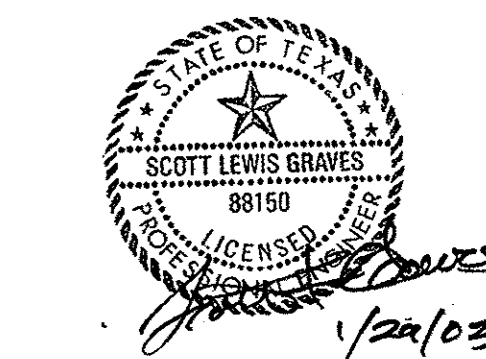
2350 Valley View Lane
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Dallas
Columbus
Los Angeles
Chicago
Miami

expesite.com



17225 Dallas Parkway
Addison, TX



REVISIONS

1	12/19/02 (City)
2	01/24/03 (City)

PROTOTYPE

STORE NUMBER

WD PROJECT NUMBER
0000.659-00

C2.0

SITE PLAN

GENERAL NOTES

- ALL UTILITY WORK WITH THE RIGHT OF WAY OF THE TOLLWAY WILL BE GOVERNED BY THE CITY OF DALLAS. CONTRACTOR WILL KEEP A COPY OF THE UTILITY PERMIT ISSUED BY THE CITY OF DALLAS ON SITE AT ALL TIMES.
- 48 HOURS PRIOR TO BEGINNING WORK WITHIN THE RIGHT OF WAY OF THE TOLLWAY, CONTRACTOR MUST INFORM THE CITY OF DALLAS TRANSPORTATION DEPARTMENT. CONTRACTOR WILL CONTACT:
RUSSELL FINELY
214.957.1036 (MOBILE PHONE)
214.670.5896 (OFFICE)
- ALL TRAFFIC CONTROL WILL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE CITY OF DALLAS.
- TRAFFIC CONTROL ON ADDISON ROAD WILL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ALL UTILITY WORK WITHIN THE RIGHT OF WAY OF ADDISON ROAD WILL BE GOVERNED BY THE TOWN OF ADDISON. CONTRACTOR WILL KEEP A COPY OF THE ROW/EXCAVATION PERMIT ISSUED BY THE TOWN OF ADDISON ON SITE AT ALL TIMES.

KEYED NOTES

- PROPOSED STORM STRUCTURE (5.0' INLET OPENING). SEE DETAIL C4.1-02. SEE SHEET C1.0 FOR EROSION CONTROL DURING CONSTRUCTION.
- PROPOSED STORM STRUCTURE (10.0' INLET OPENING). SEE DETAIL C4.1-02. SEE SHEET C1.0 FOR EROSION CONTROL DURING CONSTRUCTION.
- PROPOSED STORM STRUCTURE (7.5' INLET OPENING). SEE DETAIL C4.1-02. SEE SHEET C1.0 FOR EROSION CONTROL DURING CONSTRUCTION.
- 6" P.V.C. STORM LINE FROM DOWNSPOUTS. RUN LINE THROUGH CURB, SEE DETAIL MEP1-04. SEE SHEET "A2.2" FOR EXACT LOCATION.
- CONCRETE COLLAR. SEE DETAIL C4.1-05. TIE-IN ELEV = 630.26
- CONCRETE COLLAR. SEE DETAIL C4.1-05. TIE-IN ELEV = 629.66
- CONCRETE COLLAR. SEE DETAIL C4.1-05. TIE-IN ELEV = 622.00

STORM STRUCTURE SCHEDULE

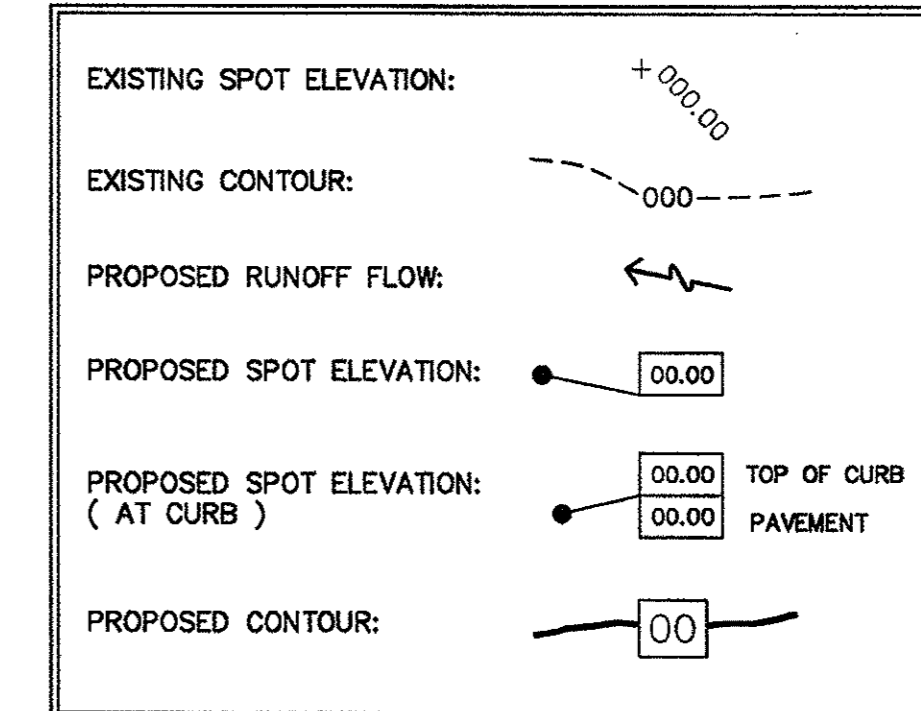
- PRECAST JUNCTION BOX
RIM = 637.25
60" INVERT IN (SW) = 627.70
66" INVERT IN (W) = 628.54
72" INVERT OUT (S) = 626.59
- PRECAST BEND MANHOLE ASSEMBLY
RIM = 631.55
72" INVERT IN (N) = 623.75
72" INVERT IN (S) = 623.65
- PROPOSED CURB INLET
TOP = 631.74
THROAT = 631.24
36" INVERT OUT (W) = 625.97
24" INVERT OUT (NW) = 628.97 (OVERFLOW)
24" INVERT IN (E) = 626.07
- PROPOSED CURB INLET
TOP = 633.68
THROAT = 633.18
24" INVERT OUT (E) = 628.88
24" INVERT OUT (S) = 629.88 (OVERFLOW)
- PROPOSED CURB INLET
TOP = 631.48
THROAT = 630.88
18" INVERT OUT (N) = 627.48
- PROPOSED CURB INLET
TOP = 631.10
THROAT = 630.60
18" INVERT IN (S) = 626.32
24" INVERT OUT (SW) = 626.22

PIPE SCHEDULE

- 32 LINEAR FEET OF 60" RCP AT 8.00% SLOPE
- 14 LINEAR FEET OF 66" RCP AT 8.00% SLOPE
- 284 LINEAR FEET OF 72" RCP AT 1.00% SLOPE
- 68 LINEAR FEET OF 72" RCP AT 2.42% SLOPE
- 20 LINEAR FEET OF 24" HDPE AT 7.28% SLOPE (OVERFLOW PIPE)
- 11 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE
- 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE
- 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE
- 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE
- 12 LINEAR FEET OF 12" HDPE AT 0.27% SLOPE
- 10 LINEAR FEET OF 24" HDPE AT 0.70% SLOPE (OVERFLOW PIPE)
- 170 LINEAR FEET OF 24" HDPE AT 1.00% SLOPE
- 170 LINEAR FEET OF 24" HDPE AT 1.00% SLOPE
- 9 LINEAR FEET OF 12" HDPE AT 0.27% SLOPE
- 36" HDPE PIPE MANIFOLD (SIZED FOR 3 - 36" PIPES)
- 36" HDPE PIPE MANIFOLD (SIZED FOR 4 - 36" PIPES & 1 - 12" PIPE)
- 24" HDPE PIPE MANIFOLD (SIZED FOR 3 - 24" PIPES & 1 - 12" PIPE)
- 63 LINEAR FEET OF 18" RCP AT 1.92% SLOPE
- 20 LINEAR FEET OF 24" RCP AT 1.00% SLOPE
- 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE

ALL TRENCHING SHALL COMPLY WITH DETAIL C4.1-01.

GRADING LEGEND



AREA CALCULATIONS

PRE-DEVELOPED AREA		POST-DEVELOPED AREA	
GRASS	73,984 SF	GRASS	16,405 SF
BUILDING	0 SF	BUILDING	10,120 SF
PAVING	0 SF	PAVING	47,459 SF
TOTAL	73,984 SF	TOTAL	73,984 SF

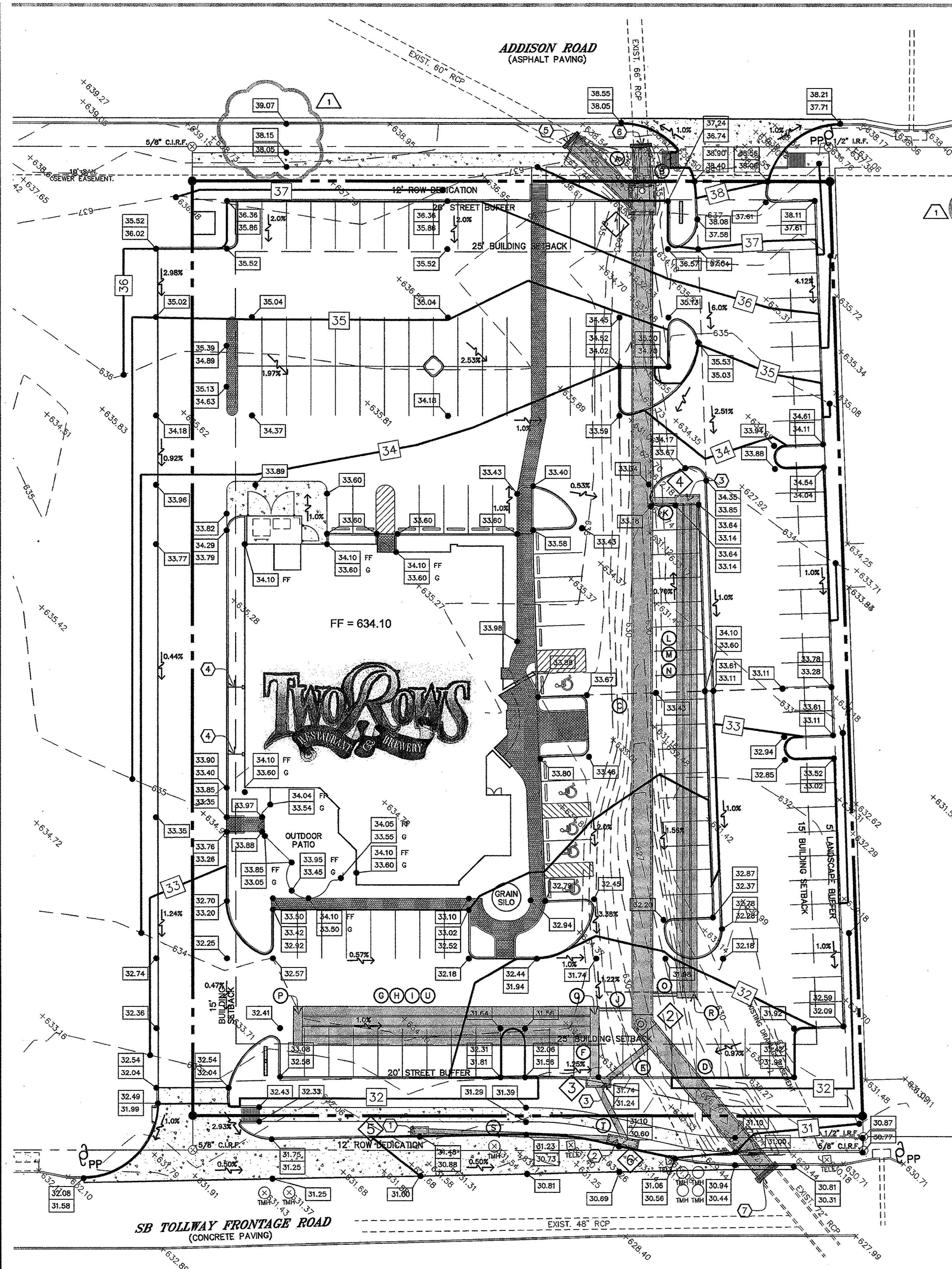
STORMWATER STORAGE

THE TOTAL STORAGE REQUIRED IS 3,826 CF
THIS WATER IS STORED IN THE PIPES, MANHOLES, AND ALSO BY PONDING ON THE PARKING LOT. THE FOLLOWING SHOWS THE AMOUNT OF WATER HELD BY EACH COMPONENT OF THE SYSTEM.

PIPES
510 L.F. OF 24" PIPE = 1,602 CF
400 L.F. OF 36" PIPE = 2,826 CF

THE TOTAL AMOUNT OF STORAGE PROVIDED IS 4,428 C.F.

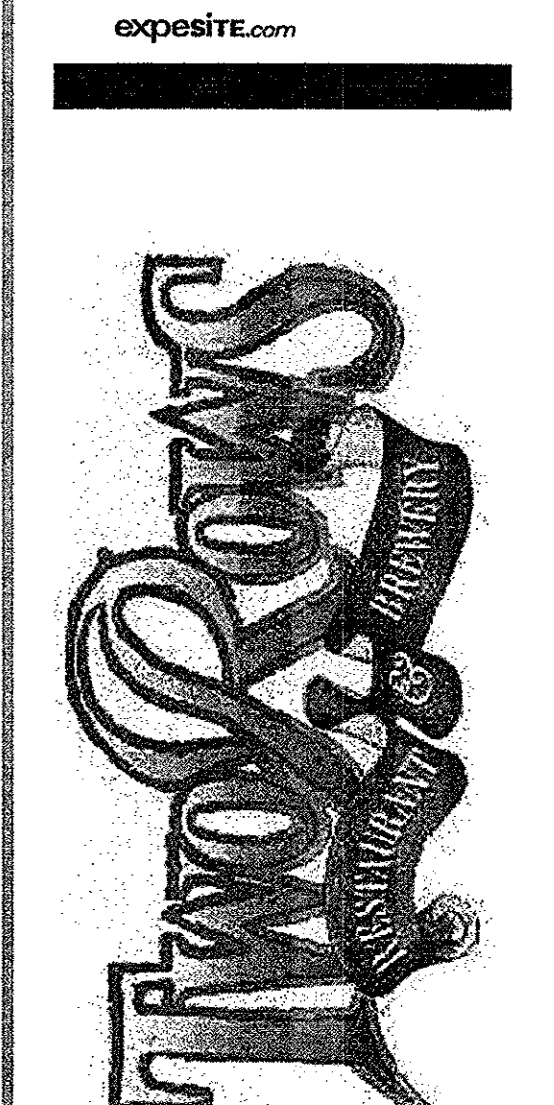
IT SHOULD BE NOTED THAT ADDITIONAL STORAGE CAPACITY WILL BE PROVIDED IN MANIFOLD PIPES IN EACH DETENTION SYSTEM, AS WELL AS THE CATCH BASINS. THEY WERE NOT CALCULATED SINCE THE CAPACITY IN THE PIPES EXCEEDS THE REQUIRED STORAGE.



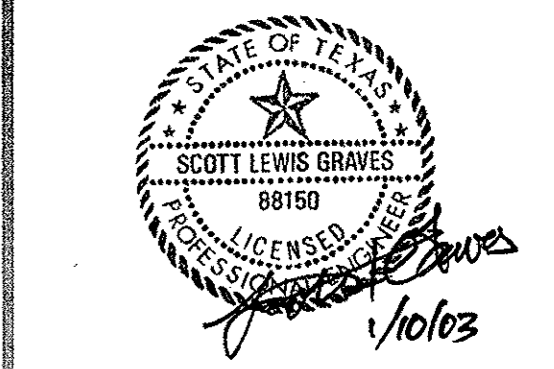
wd partners

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Dallas, Texas 75234-5734
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info@wdpartners.com
wdpartners.com

Dallas
Columbus
Los Angeles
Chicago
Miami



17225 Dallas Parkway
Addison, TX



REVISIONS

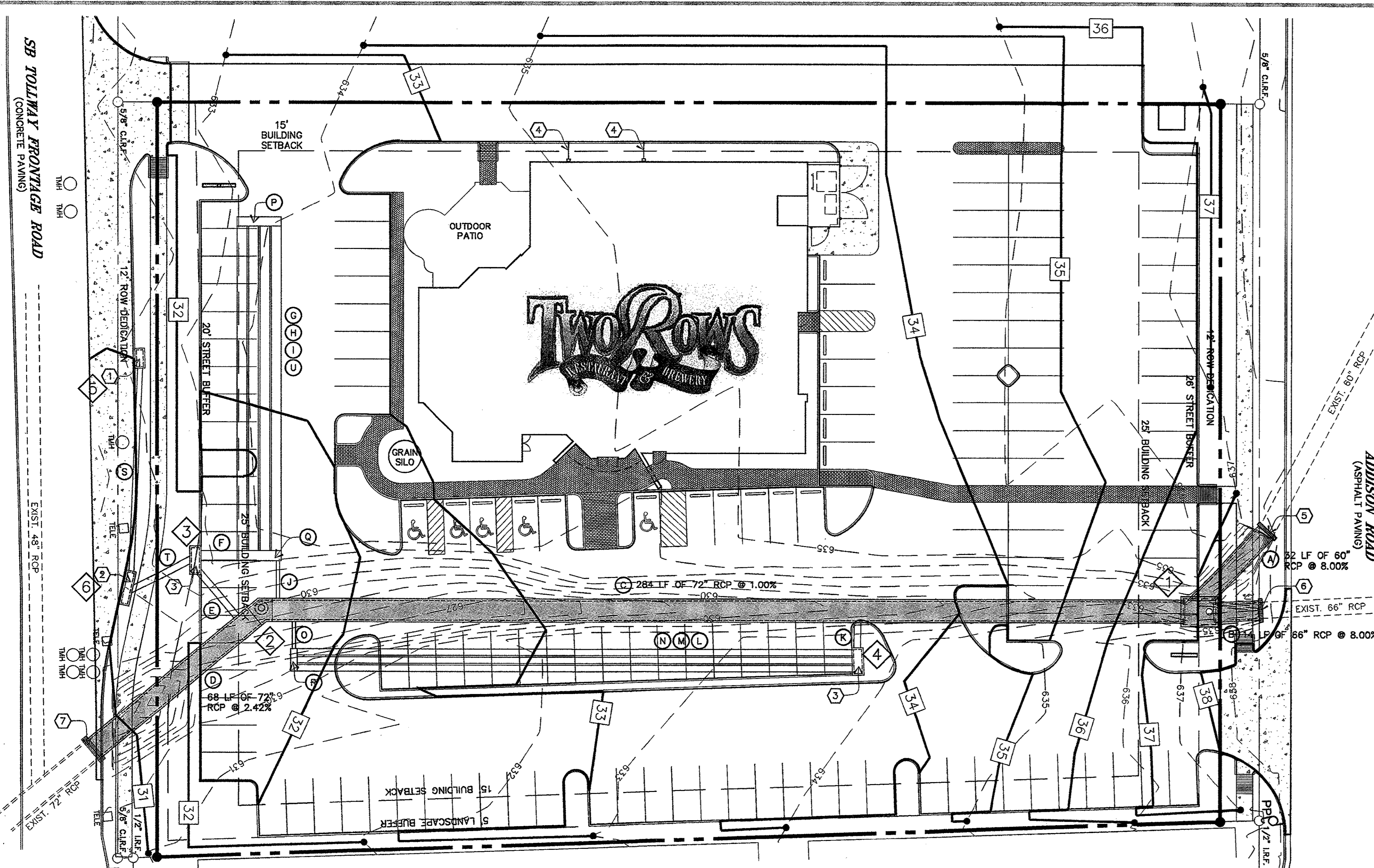
1	12/19/02 (City)
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PROTOTYPE

STORE NUMBER

WD PROJECT NUMBER
0000.659-00

C3.0 GRADING PLAN



KEYED NOTES

- 1 PROPOSED 5.0 FOOT STORM STRUCTURE. SEE DETAIL C4.1-02. SEE SHEET C1.0 FOR EROSION CONTROL DURING CONSTRUCTION.
- 2 PROPOSED 10.0 FOOT STORM STRUCTURE. SEE DETAIL C4.1-02. SEE SHEET C1.0 FOR EROSION CONTROL DURING CONSTRUCTION.
- 3 PROPOSED 7.5 FOOT STORM STRUCTURE. SEE DETAIL C4.1-02. SEE SHEET C1.0 FOR EROSION CONTROL DURING CONSTRUCTION.
- 4 6" P.V.C. STORM LINE FROM DOWNSPOUTS. RUN LINE THROUGH CURB, SEE DETAIL MEPT-04. SEE SHEET A2.2 FOR EXACT LOCATION.
- 5 CONCRETE COLLAR. SEE DETAIL C4.1-05. TIE-IN ELEV = 630.26
- 6 CONCRETE COLLAR. SEE DETAIL C4.1-05. TIE-IN ELEV = 629.66
- 7 CONCRETE COLLAR. SEE DETAIL C4.1-05. TIE-IN ELEV = 622.00

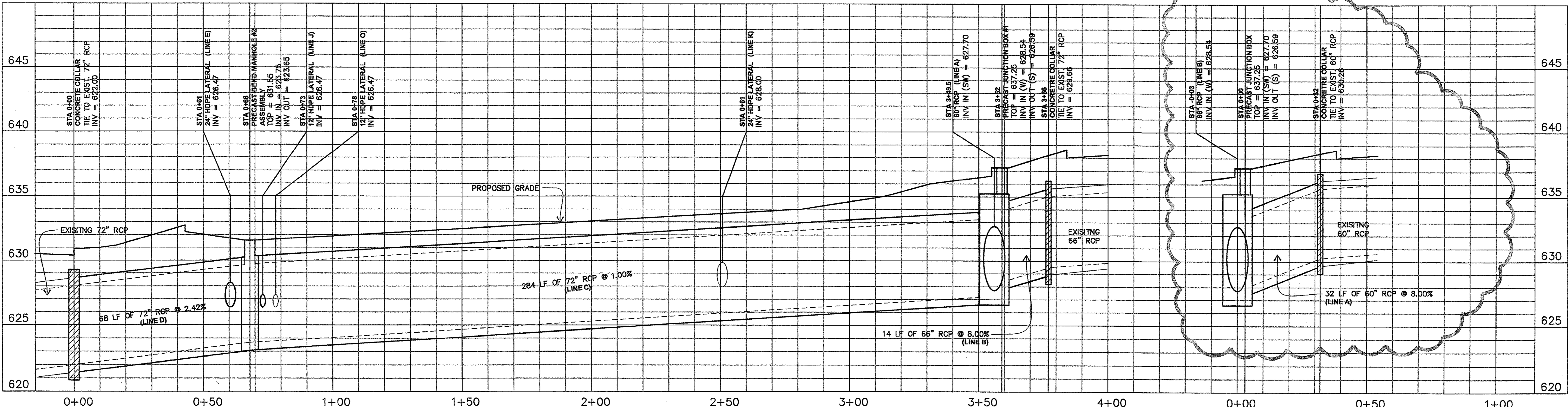
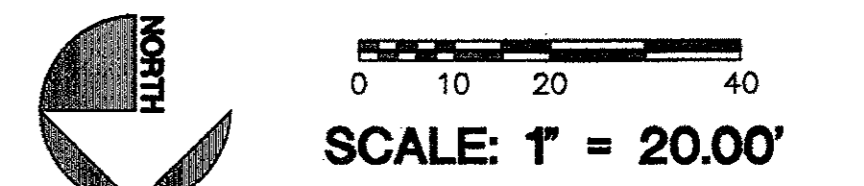
STORM STRUCTURE SCHEDULE

- | | |
|--|---|
| 1 PRECAST JUNCTION BOX
RIM = 637.25
60" INVERT IN (SW) = 627.70
66" INVERT IN (W) = 628.54
72" INVERT OUT (S) = 626.59 | 4 PROPOSED CURB INLET
TOP = 633.68
THROAT = 633.18
24" INVERT OUT (E) = 628.68
24" INVERT OUT (S) = 629.68 (OVERFLOW) |
| 2 PRECAST BEND MANHOLE ASSEMBLY
RIM = 631.55
72" INVERT IN (N) = 623.75
72" INVERT IN (S) = 623.65 | 5 PROPOSED CURB INLET
TOP = 631.49
THROAT = 630.88
18" INVERT OUT (N) = 627.48 |
| 3 PROPOSED CURB INLET
TOP = 631.74
THROAT = 631.24
36" INVERT OUT (W) = 625.97
24" INVERT OUT (NW) = 626.97 (OVERFLOW)
24" INVERT IN (E) = 626.07 | 6 PROPOSED CURB INLET
TOP = 631.10
THROAT = 630.60
18" INVERT IN (S) = 626.32
24" INVERT OUT (SW) = 626.22 |

PIPE SCHEDULE

- | | |
|---|---|
| A 32 LINEAR FEET OF 60" RCP AT 8.00% SLOPE | M 170 LINEAR FEET OF 24" HDPE AT 1.00% SLOPE |
| B 14 LINEAR FEET OF 66" RCP AT 8.00% SLOPE | N 170 LINEAR FEET OF 24" HDPE AT 1.00% SLOPE |
| C 284 LINEAR FEET OF 72" RCP AT 1.00% SLOPE | O 9 LINEAR FEET OF 12" HDPE AT 0.27% SLOPE |
| D 68 LINEAR FEET OF 72" RCP AT 2.42% SLOPE | P 36" HDPE PIPE MANIFOLD (SIZED FOR 4 - 36" PIPES) |
| E 20 LINEAR FEET OF 24" HDPE AT 7.28% SLOPE (OVERFLOW PIPE) | Q 36" HDPE PIPE MANIFOLD (SIZED FOR 4 - 36" PIPES & 1 - 12" PIPE) |
| F 11 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE | R 24" HDPE PIPE MANIFOLD (SIZED FOR 3 - 24" PIPES & 1 - 12" PIPE) |
| G 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE | S 63 LINEAR FEET OF 18" RCP AT 1.92% SLOPE |
| H 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE | T 20 LINEAR FEET OF 24" RCP AT 1.00% SLOPE |
| I 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE | U 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE |
| J 12 LINEAR FEET OF 12" HDPE AT 0.27% SLOPE | |
| K 10 LINEAR FEET OF 24" HDPE AT 0.70% SLOPE (OVERFLOW PIPE) | |
| L 170 LINEAR FEET OF 24" HDPE AT 1.00% SLOPE | |

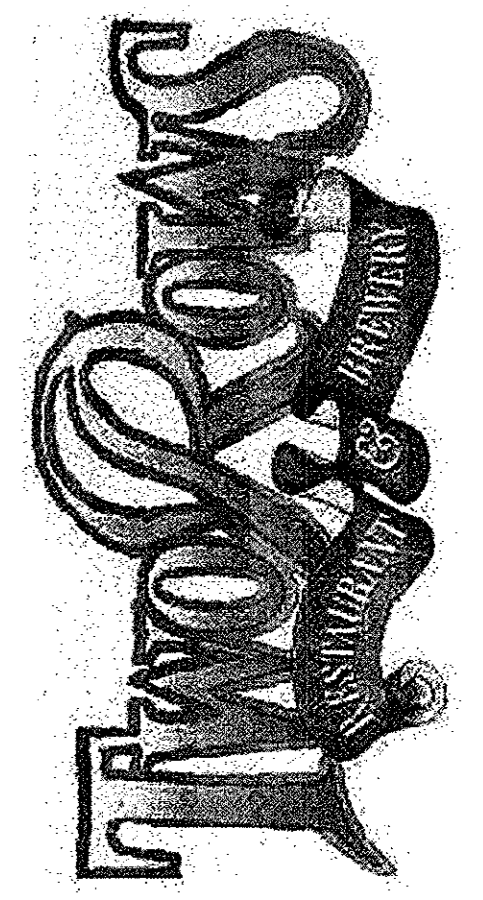
VERT. SCALE: 1" = 4'
HORIZ. SCALE: 1" = 20'



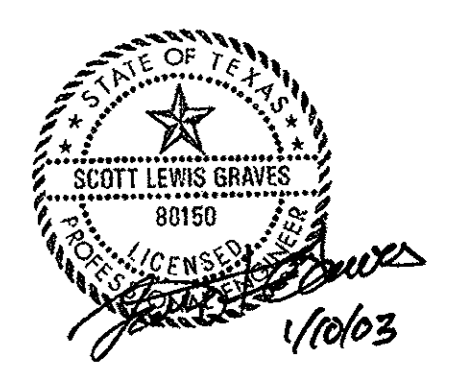
2350 Valley View Lane
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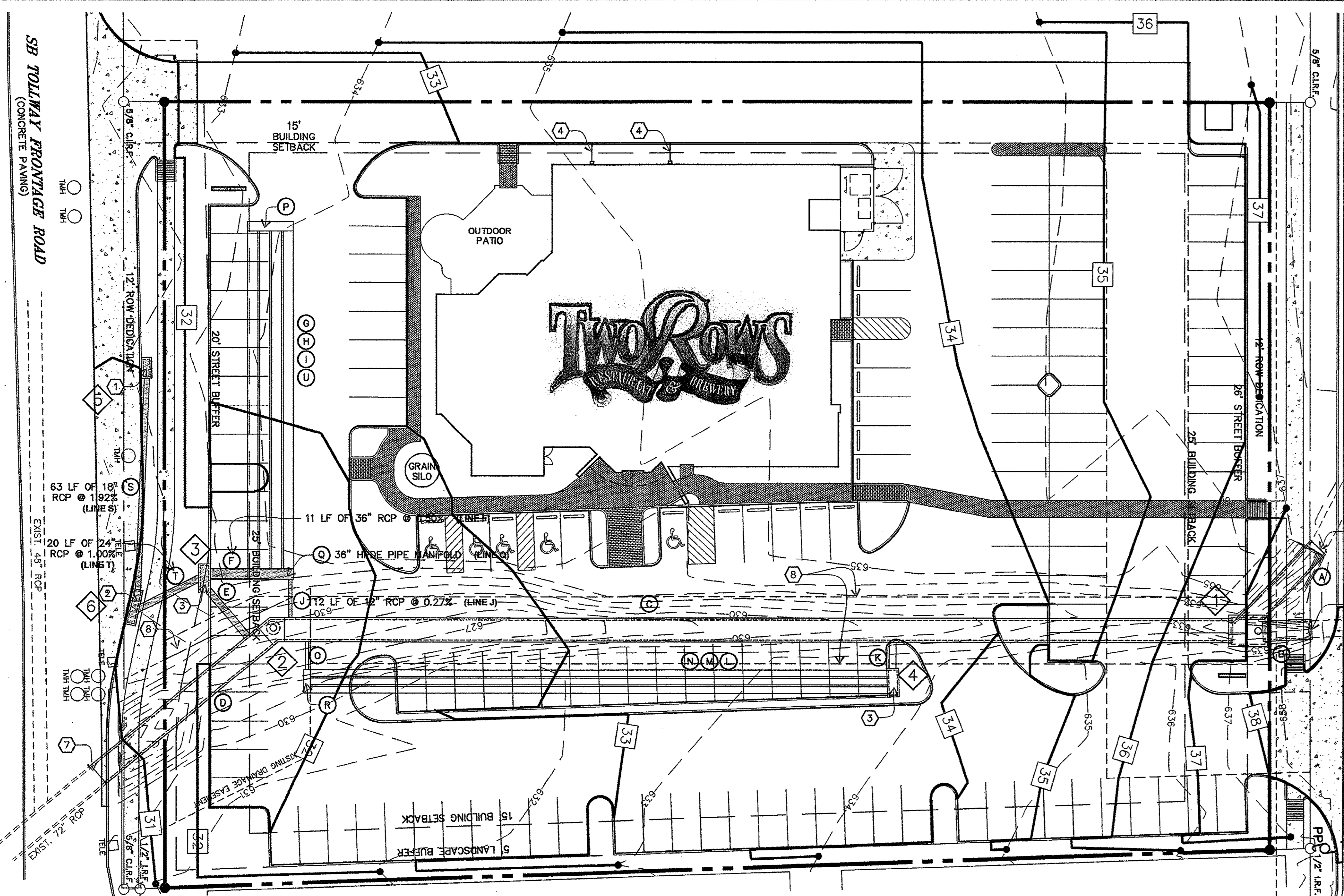
17225 Dallas Parkway
Addison, TX



REVISIONS
1 12/19/02 (City)

PROTOTYPE
STORE NUMBER
WD PROJECT NUMBER
0000.659-00

C3.1 STORM PLAN AND PROFILE



KEYED NOTES

- 1 PROPOSED 5.0 FOOT STORM STRUCTURE. SEE DETAIL C4.1-02. SEE SHEET C1.0 FOR EROSION CONTROL DURING CONSTRUCTION.
- 2 PROPOSED 10.0 FOOT STORM STRUCTURE. SEE DETAIL C4.1-02. SEE SHEET C1.0 FOR EROSION CONTROL DURING CONSTRUCTION.
- 3 PROPOSED 7.5 FOOT STORM STRUCTURE. SEE DETAIL C4.1-02. SEE SHEET C1.0 FOR EROSION CONTROL DURING CONSTRUCTION.
- 4 6" P.V.C. STORM LINE FROM DOWNSPOUTS. RUN LINE THROUGH CURB, SEE DETAIL MEPI-04. SEE SHEET A2.2 FOR EXACT LOCATION.
- 5 CONCRETE COLLAR. SEE DETAIL C4.1-05. TIE-IN ELEV = 630.26
- 6 CONCRETE COLLAR. SEE DETAIL C4.1-05. TIE-IN ELEV = 629.66
- 7 CONCRETE COLLAR. SEE DETAIL C4.1-05. TIE-IN ELEV = 622.00
- 8 PROPOSED DRAINAGE EASMENT.

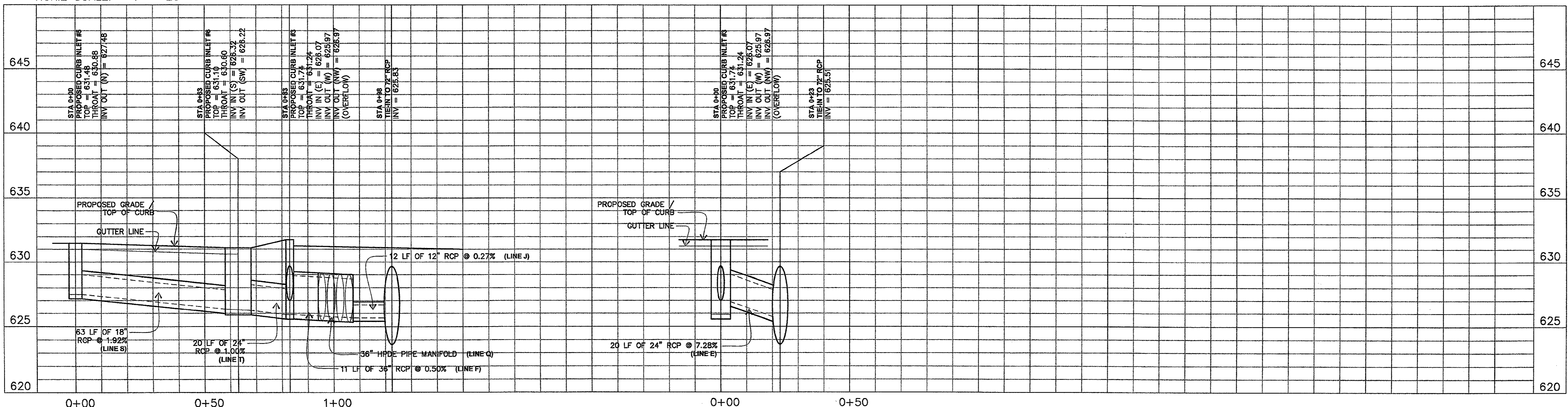
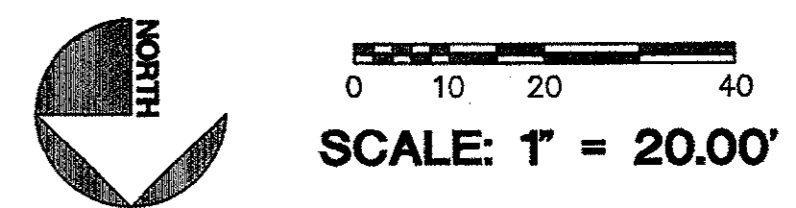
STORM STRUCTURE SCHEDULE

- | | |
|--|---|
| 1 PRECAST JUNCTION BOX
RIM = 637.25
60" INVERT IN (SW) = 627.70
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TOP = 633.68
THROAT = 633.18
24" INVERT OUT (E) = 628.68
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| 2 PRECAST BEND MANHOLE ASSEMBLY
RIM = 631.55
72" INVERT IN (N) = 623.75
72" INVERT IN (S) = 623.65 | 5 PROPOSED CURB INLET
TOP = 631.48
THROAT = 630.88
18" INVERT OUT (N) = 627.48 |
| 3 PROPOSED CURB INLET
TOP = 631.74
THROAT = 631.24
36" INVERT OUT (W) = 625.97
24" INVERT OUT (NW) = 626.97 (OVERFLOW)
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TOP = 631.10
THROAT = 630.60
18" INVERT IN (S) = 626.32
24" INVERT OUT (SW) = 626.22 |

PIPE SCHEDULE

- | | |
|---|---|
| A 32 LINEAR FEET OF 60" RCP AT 8.00% SLOPE | M 170 LINEAR FEET OF 24" HDPE AT 1.00% SLOPE |
| B 14 LINEAR FEET OF 66" RCP AT 8.00% SLOPE | N 170 LINEAR FEET OF 24" HDPE AT 1.00% SLOPE |
| C 284 LINEAR FEET OF 72" RCP AT 1.00% SLOPE | O 9 LINEAR FEET OF 12" HDPE AT 0.27% SLOPE |
| D 68 LINEAR FEET OF 72" RCP AT 2.42% SLOPE | P 36" HDPE PIPE MANIFOLD (SIZED FOR 4 - 36" PIPES) |
| E 20 LINEAR FEET OF 24" HDPE AT 7.28% SLOPE (OVERFLOW PIPE) | Q 36" HDPE PIPE MANIFOLD (SIZED FOR 4 - 36" PIPES & 1 - 12" PIPE) |
| F 11 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE | R 24" HDPE PIPE MANIFOLD (SIZED FOR 3 - 24" PIPES & 1 - 12" PIPE) |
| G 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE | S 63 LINEAR FEET OF 18" RCP AT 1.92% SLOPE |
| H 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE | T 20 LINEAR FEET OF 24" RCP AT 1.00% SLOPE |
| I 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE | U 100 LINEAR FEET OF 36" HDPE AT 0.50% SLOPE |
| J 12 LINEAR FEET OF 12" HDPE AT 0.27% SLOPE | |
| K 10 LINEAR FEET OF 24" HDPE AT 0.70% SLOPE (OVERFLOW PIPE) | |
| L 170 LINEAR FEET OF 24" HDPE AT 1.00% SLOPE | |

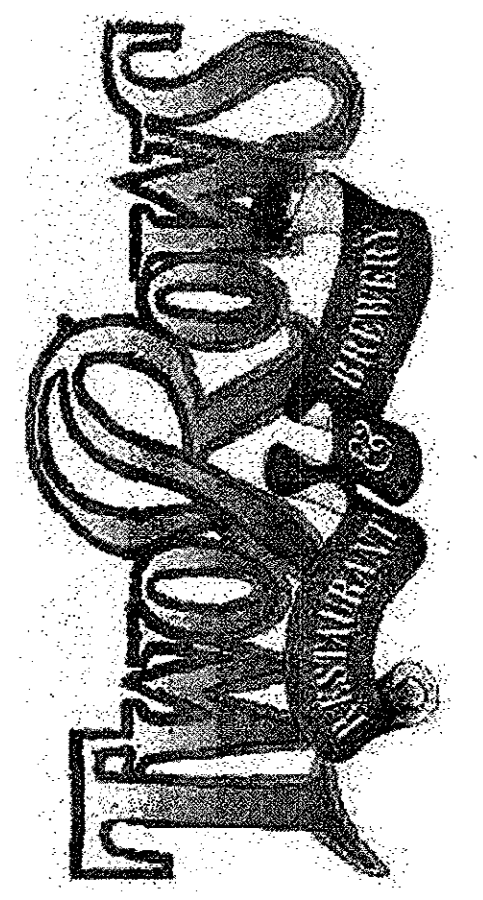
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HORIZ SCALE: 1" = 20'



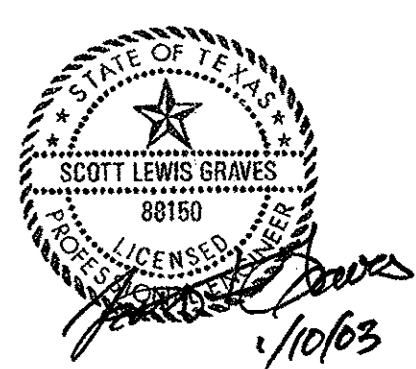
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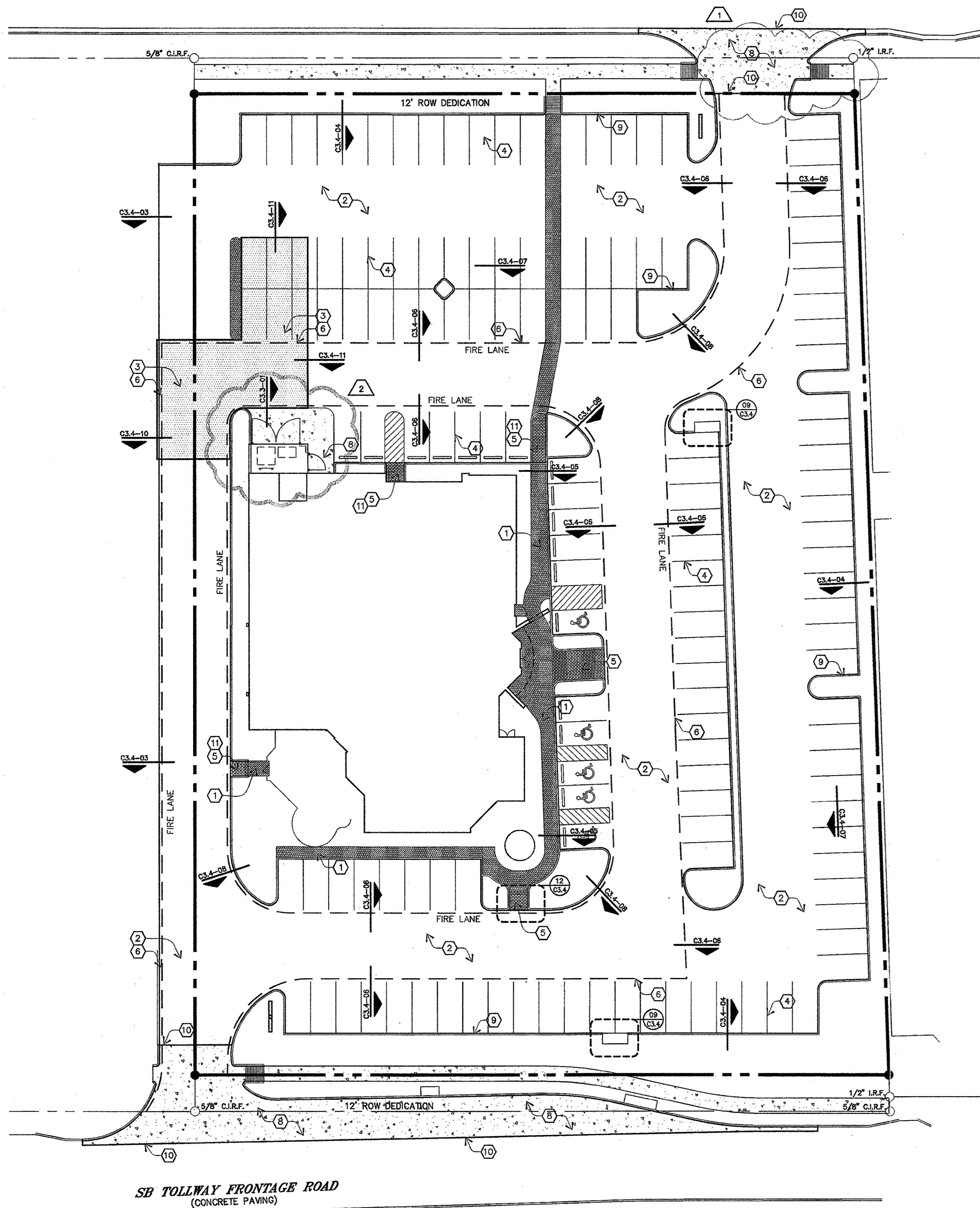
REVISIONS

- 1 12/19/02 (City)

PROTOTYPE
STORM NUMBER
WD PROJECT NUMBER
0000.659-00

C3.2 STORM PLAN AND PROFILE

ADDISON ROAD
(ASPHALT PAVING)



SB TOLLWAY FRONTAGE ROAD
(CONCRETE PAVING)

KEYED NOTES

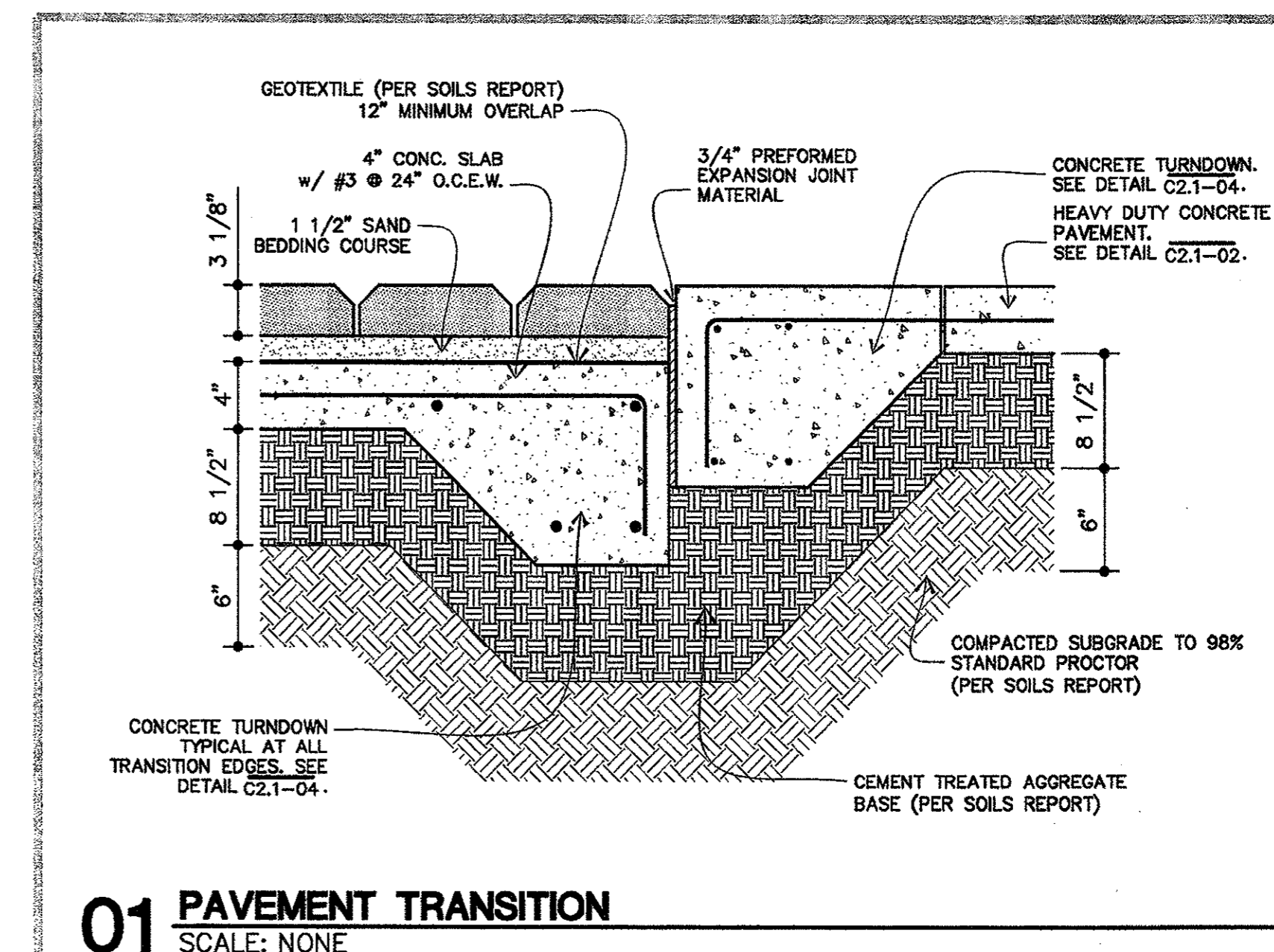
- ① MODULAR BLOCK PAVERS (SIDEWALK), SEE DETAIL C3.4-02.
- ② MODULAR BLOCK PAVERS (STANDARD PAVEMENT), SEE DETAIL C3.4-01.
- ③ MODULAR BLOCK PAVERS (HEAVY DUTY PAVEMENT), SEE DETAIL C3.4-10.
- ④ MODULAR BLOCK PAVERS (CONTRASTING COLOR). TYPICAL ALL PARKING LOT STRIPING. SEE DETAIL C3.4-07.
- ⑤ MODULAR BLOCK PAVERS (ADA COMPLIANT), SEE DETAIL C3.4-12.
- ⑥ MODULAR BLOCK PAVERS (FIRE LANE). SEE DETAIL C3.4-06.
- ⑦ STANDARD DUTY CONCRETE PAVING, SEE DETAIL C2.1-02.
- ⑧ HEAVY DUTY CONCRETE PAVING. SEE DETAIL C2.1-02.
- ⑨ FORMED CONCRETE CURB, SEE DETAIL C2.1-06.
- ⑩ TURN DOWN EDGE, SEE DETAIL C2.1-04.
- ⑪ SERVICE RAMP, SEE DETAIL C2.1-09.

GENERAL NOTES

- 1. MODULAR BLOCK PAVERS TO BE USED FOR SIDEWALKS WILL BE "HOLLAND 98", 3 1/8" INCH THICK, COLOR TO BE CUSTOM BLEND TO MATCH BUILDING FACADE COLORS, AS MANUFACTURED BY PAVESTONE COMPANY.
- 2. MODULAR BLOCK PAVERS TO BE USED FOR STANDARD/HEAVY-DUTY PAVEMENT WILL BE "HOLLAND 98", 3 1/8" INCH THICK, COLOR TO BE PEWTER, AS MANUFACTURED BY PAVESTONE COMPANY.
- 3. MODULAR BLOCK PAVERS TO BE USED FOR CONTRASTING PAVEMENT COLOR WILL BE "HOLLAND 98", 3 1/8" INCH THICK, COLOR TO BE CHARCOL, AS MANUFACTURED BY PAVESTONE COMPANY.
- 4. MODULAR BLOCK PAVERS TO BE USED FOR ADA ACCESSIBLE RAMPS WILL BE "ADA DETECTABLE WARNING PAVEMENT", 3 1/8" INCH THICK, COLOR TO BE CONTRASTING TO ADJACENT SIDEWALK, AS MANUFACTURED BY PAVESTONE COMPANY.



0 10 20 40
SCALE: 1" = 20.00'



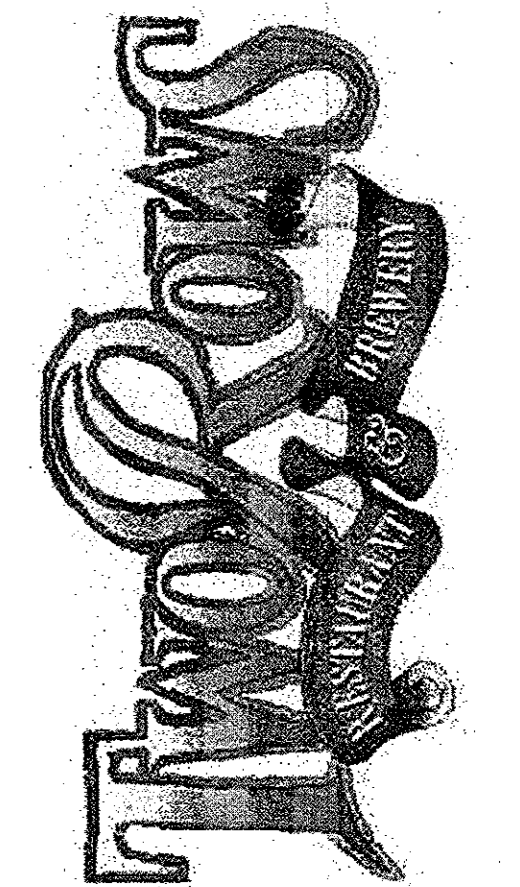
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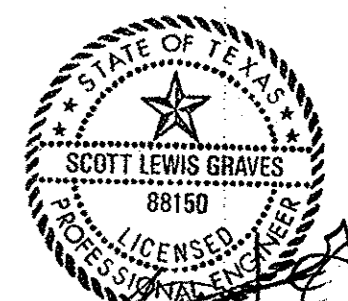
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17225 Dallas Parkway
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Scott Lewis Graves
1/29/03

REVISIONS

NO.	DATE	DESCRIPTION
1	12/19/02 (City)	
2	01/24/03 (City)	
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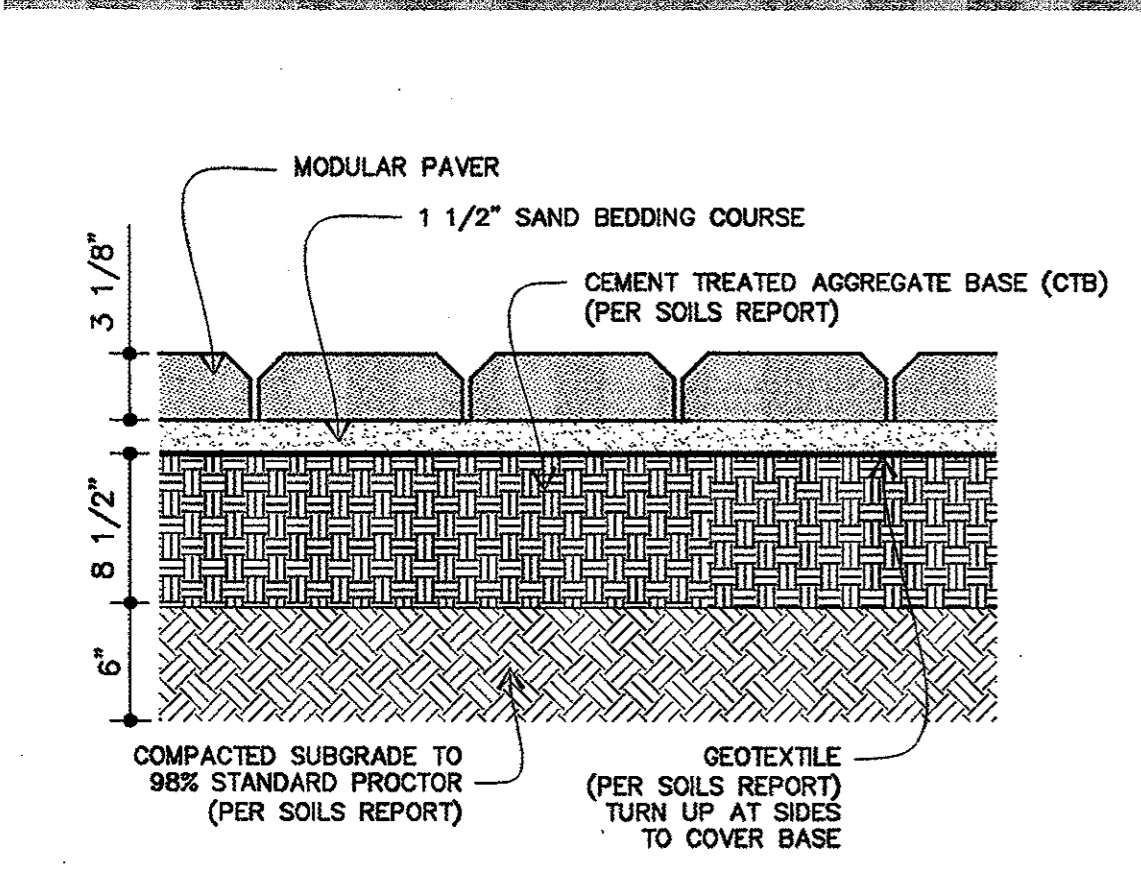
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STORE NUMBER

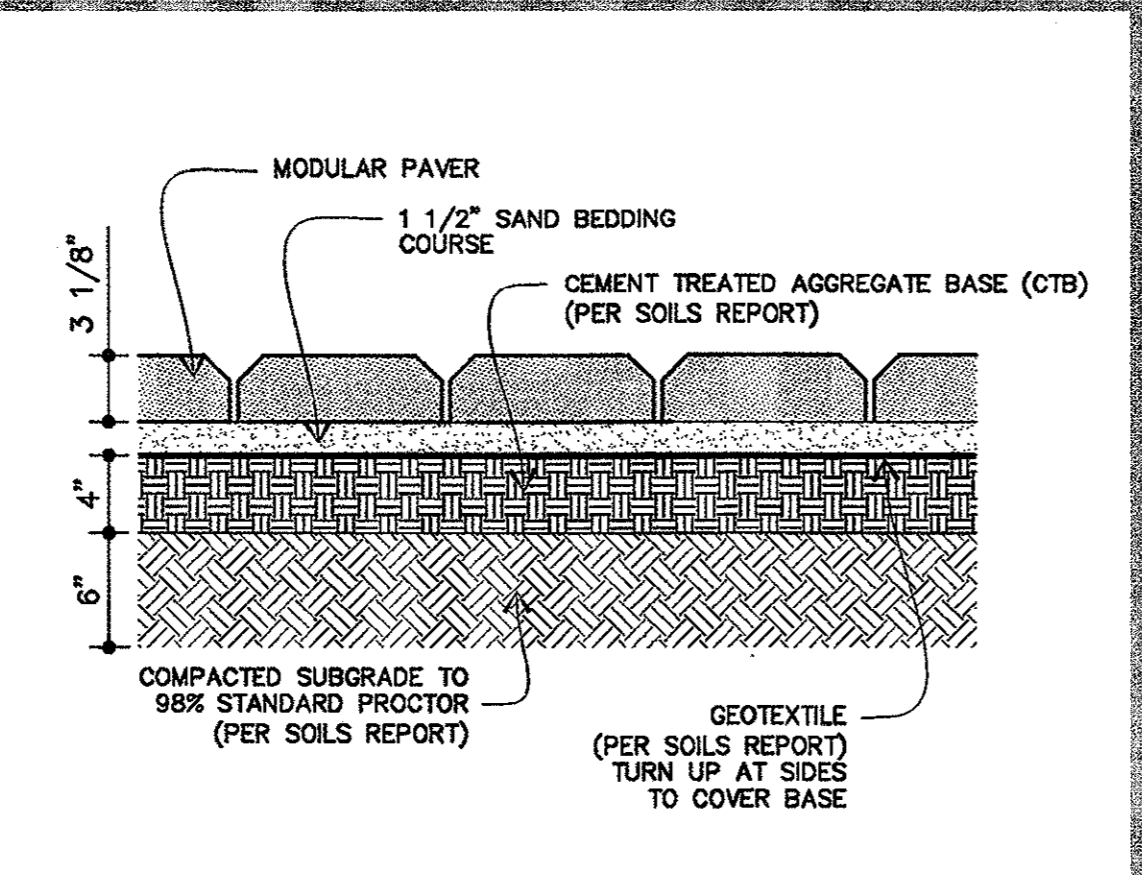
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C3.3

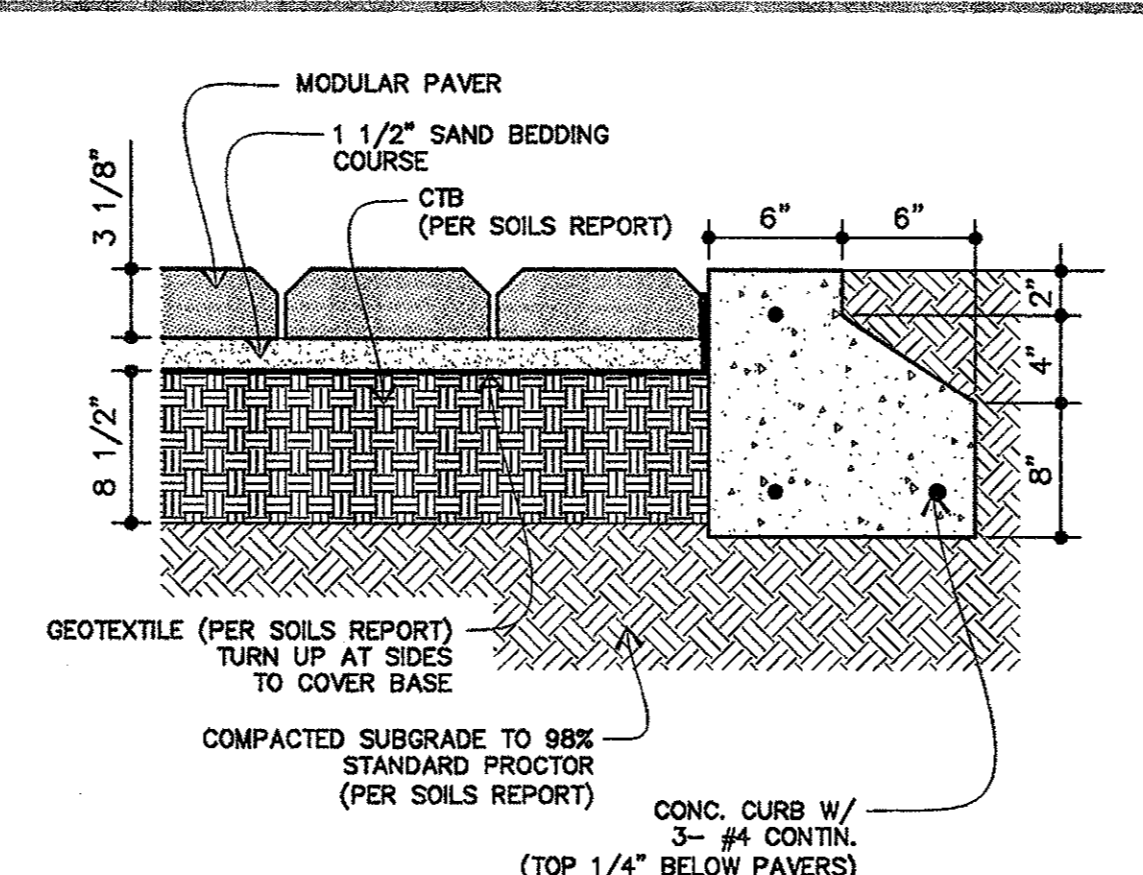
PAVING PLAN



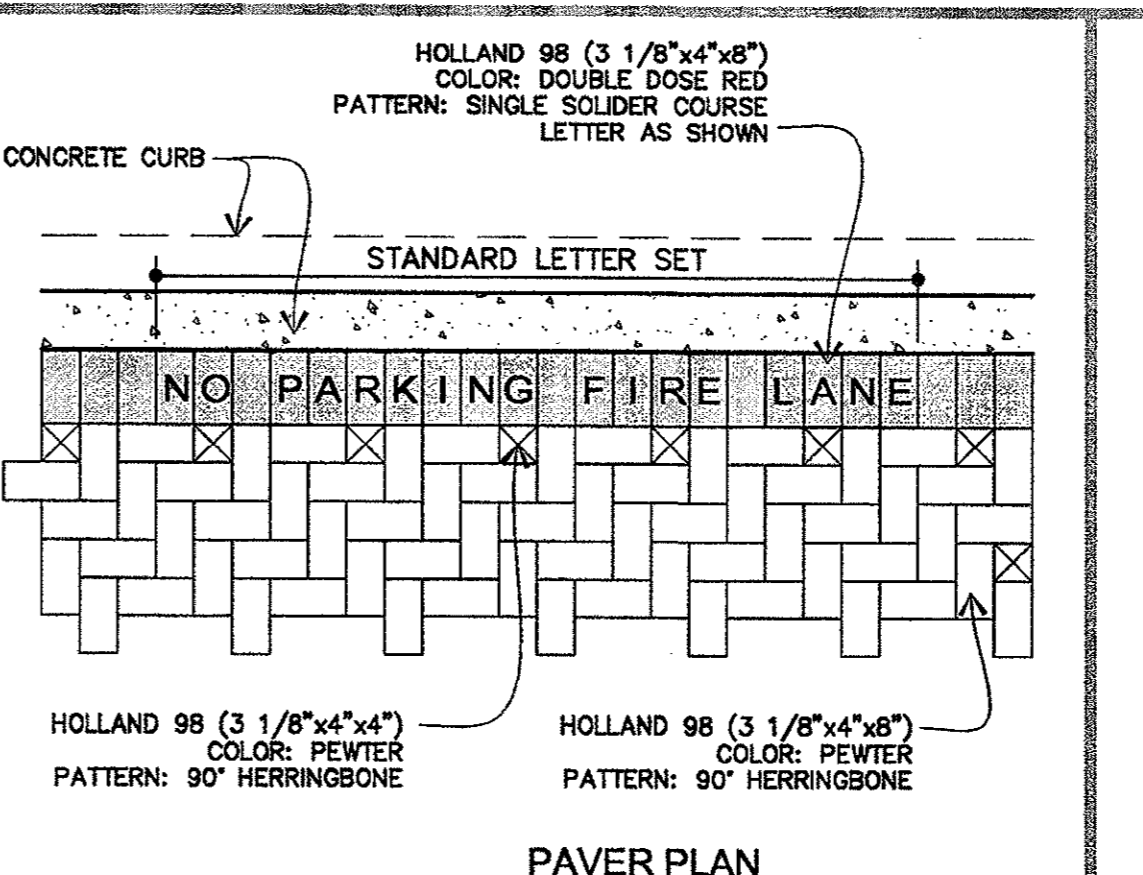
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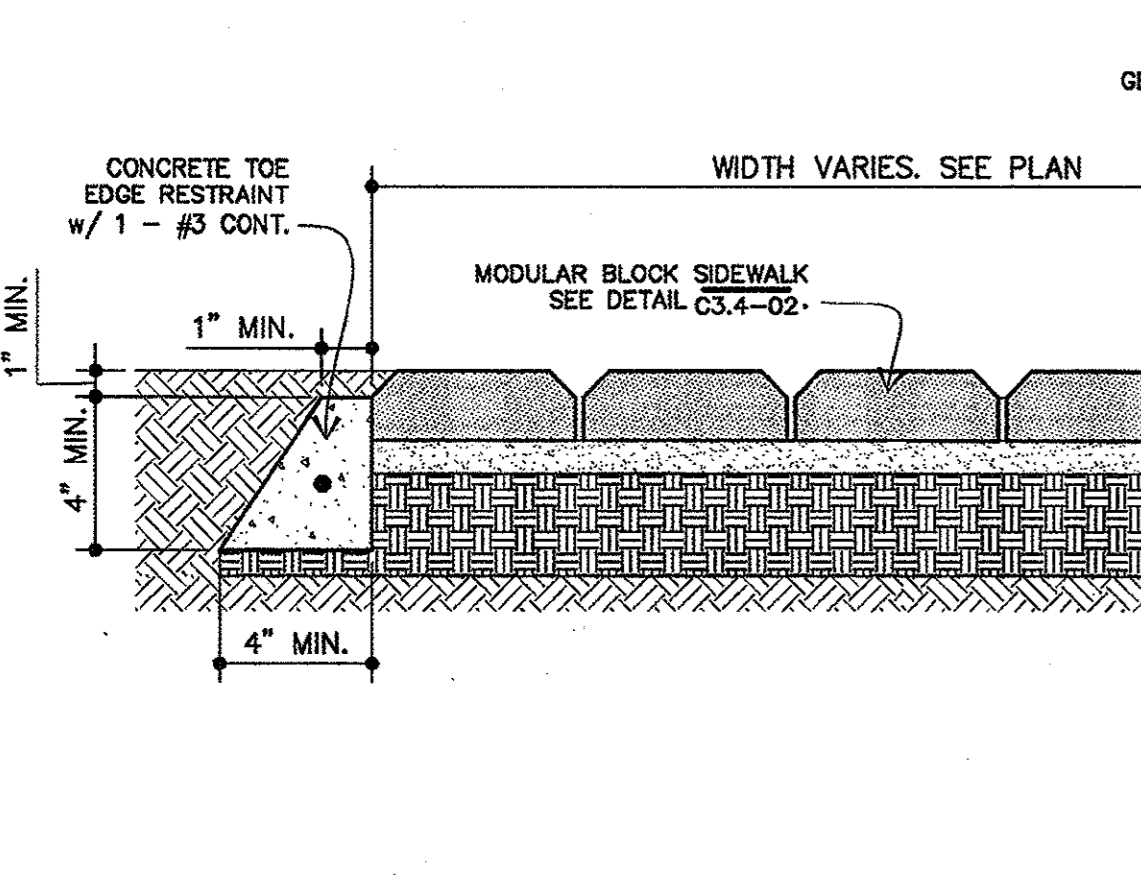
02 MODULAR BLOCK SIDEWALK
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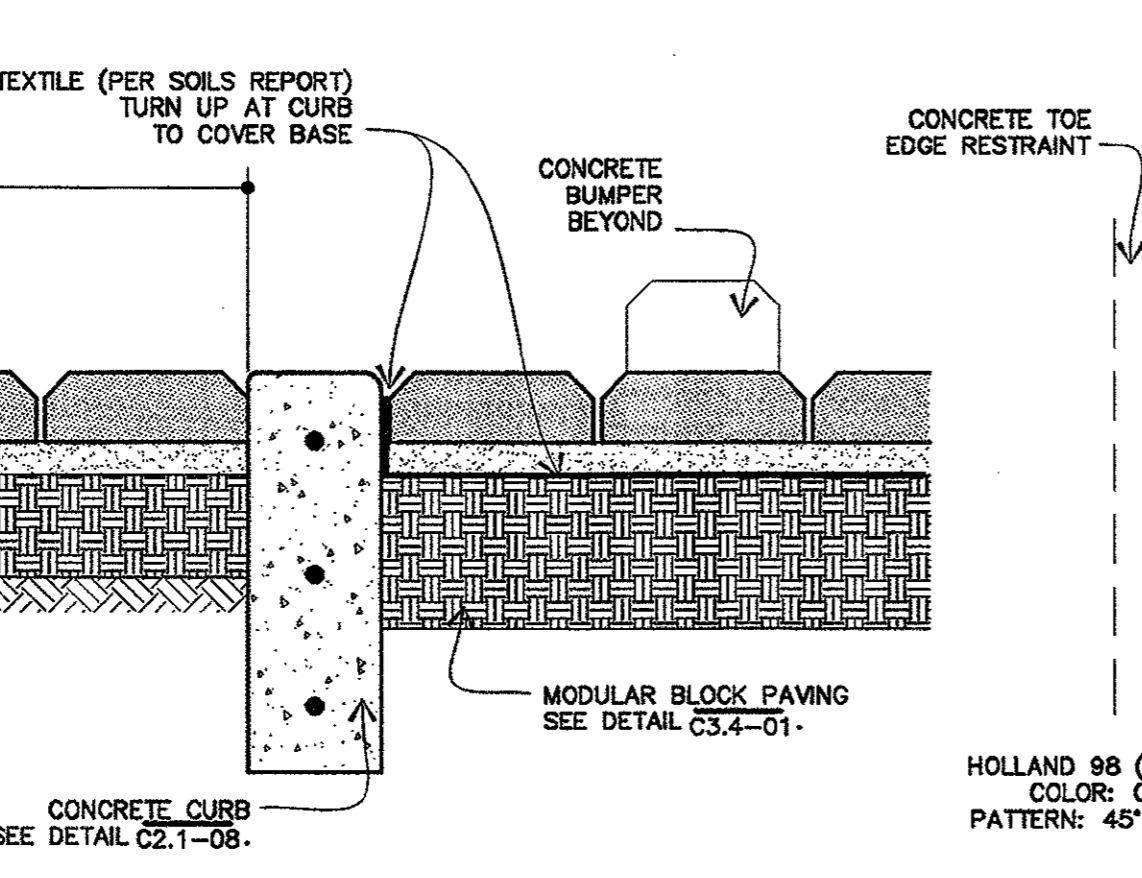
03 PAVERS AT ACCESS ROAD (STANDARD PAVEMENT)
SCALE: NONE



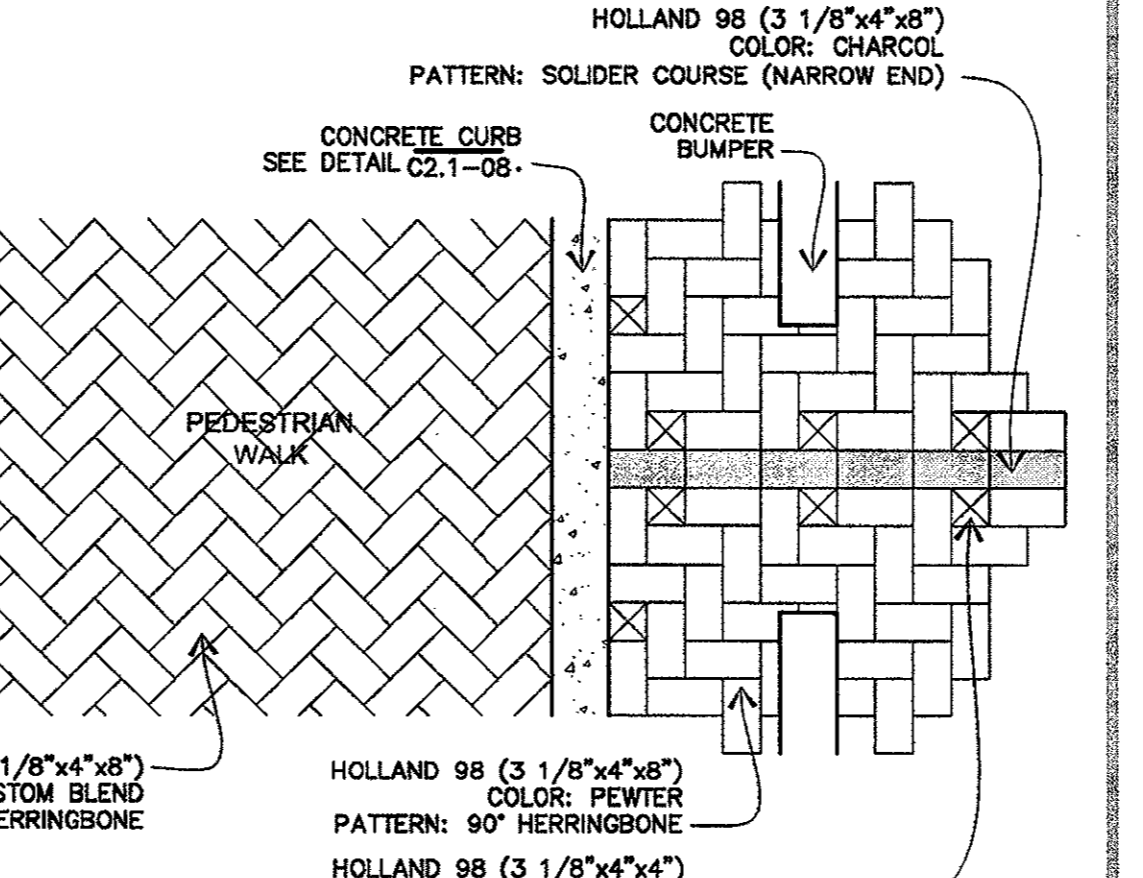
04 PAVERS AT VERTICAL CURB
SCALE: NONE



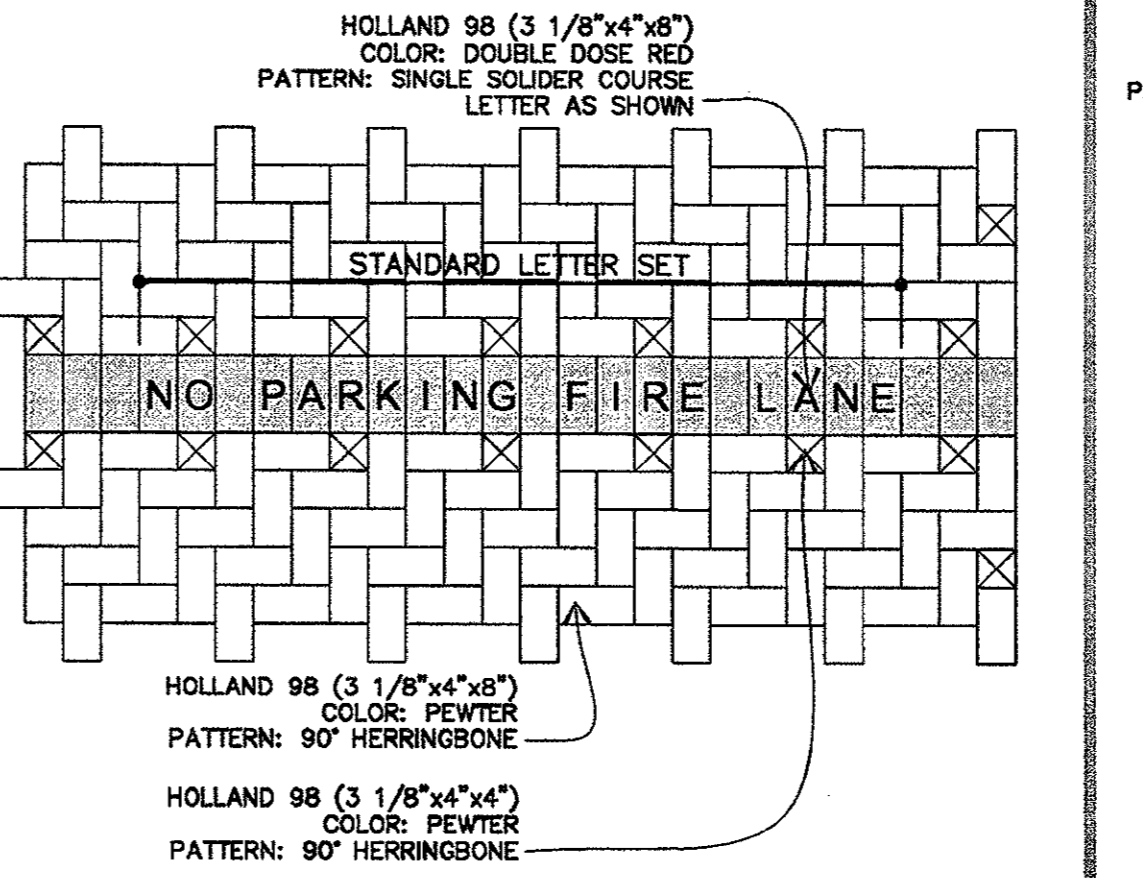
05 MODULAR BLOCK SIDEWALK AT ENTRY
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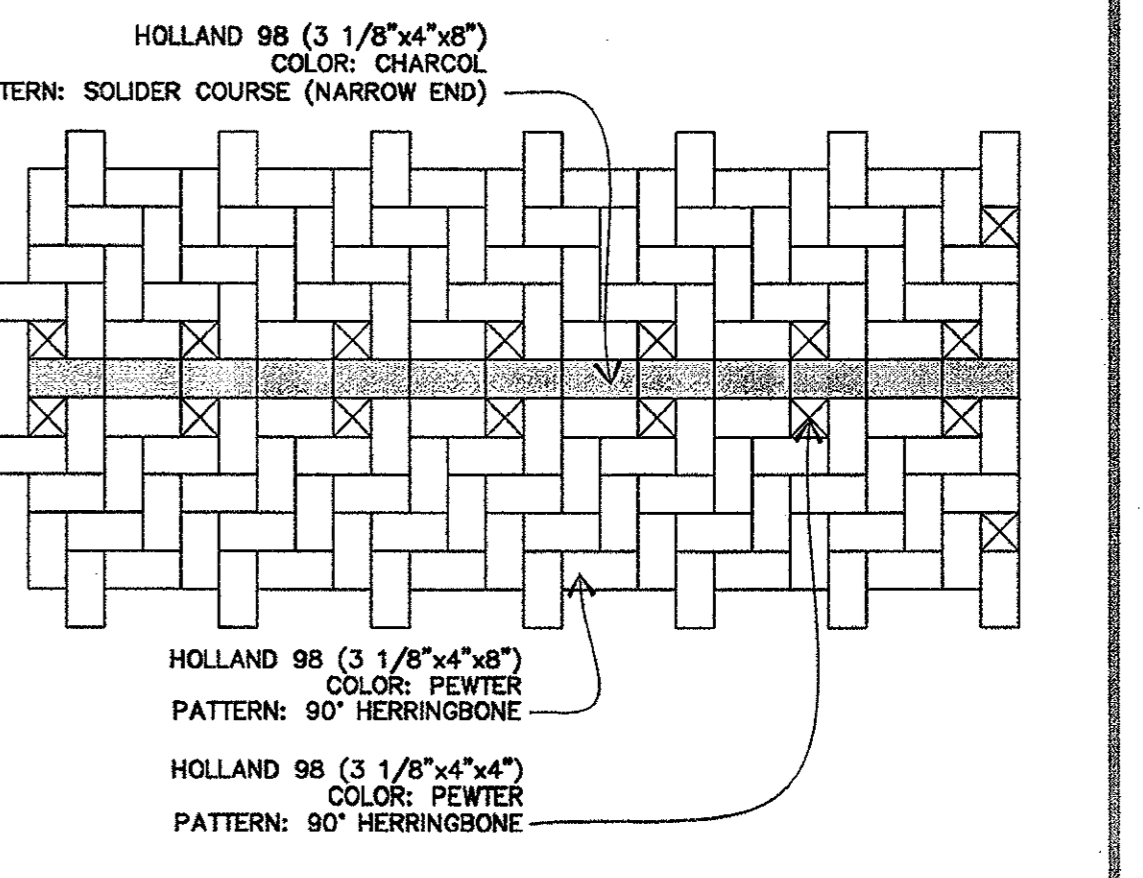
06 FIRE LANE PAVERS
SCALE: NONE



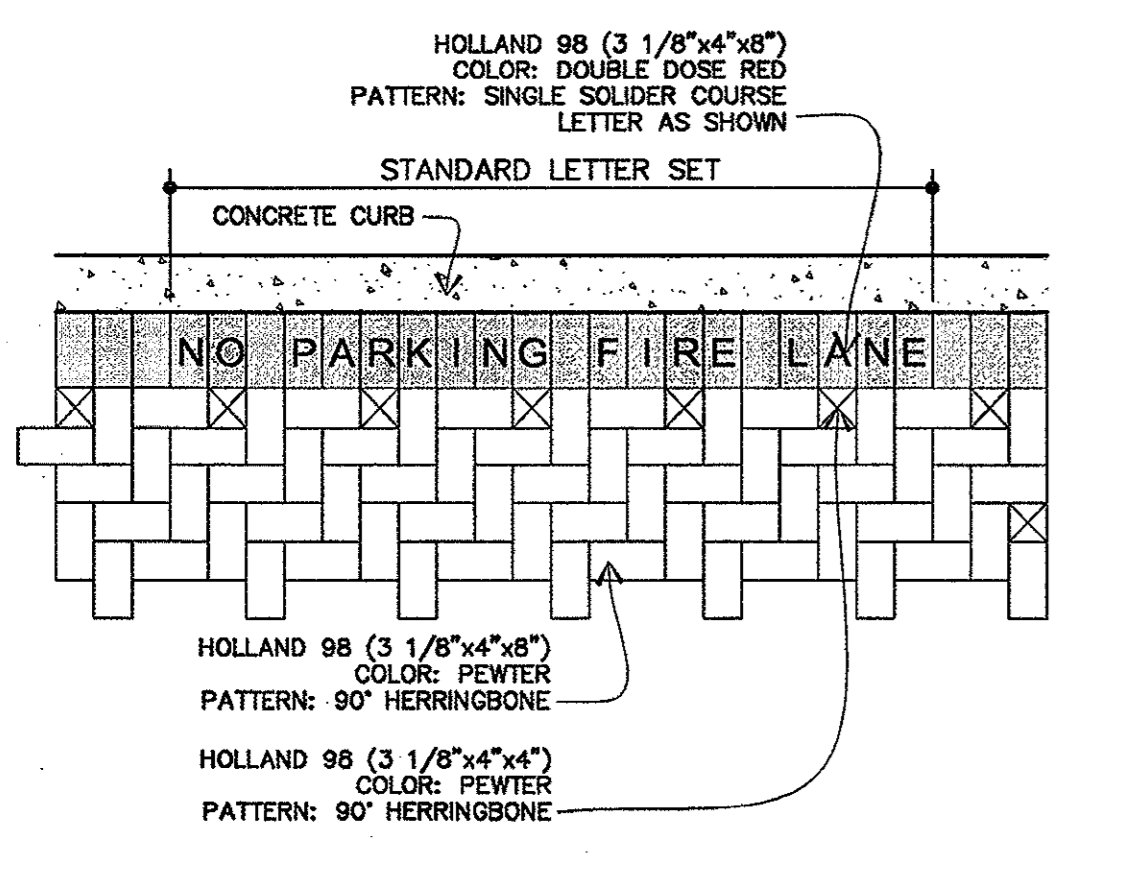
07 PARKING STRIPE PAVERS
SCALE: NONE



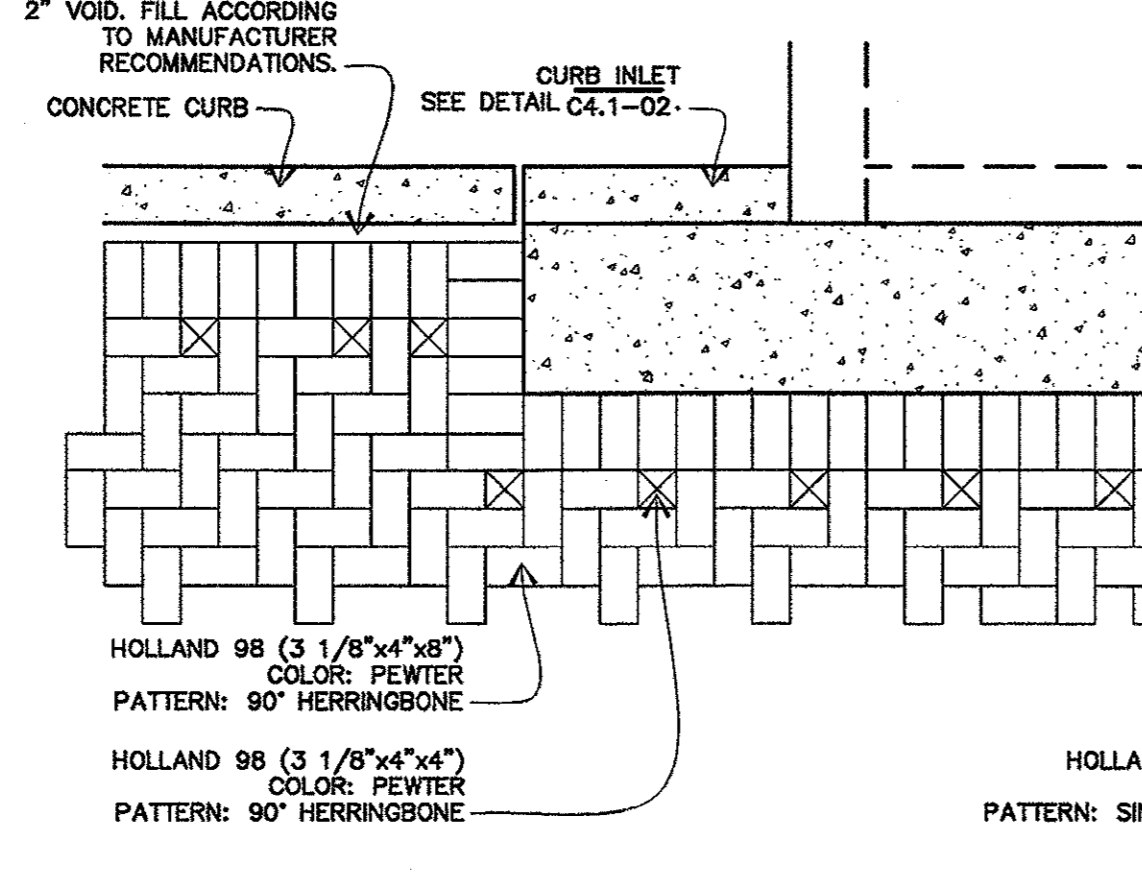
08 FIRE LANE PAVERS AT VERT. CURB
SCALE: NONE



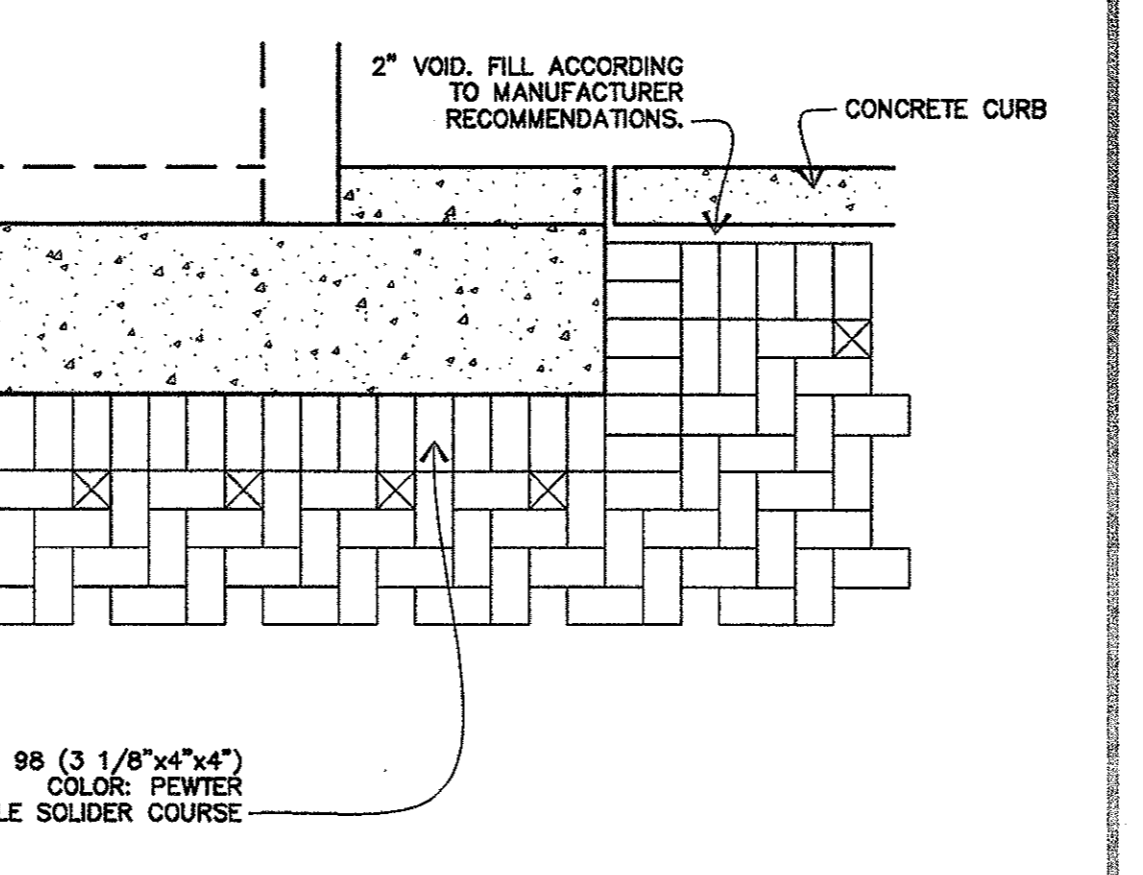
09 PAVERS AT CURB INLET
SCALE: NONE



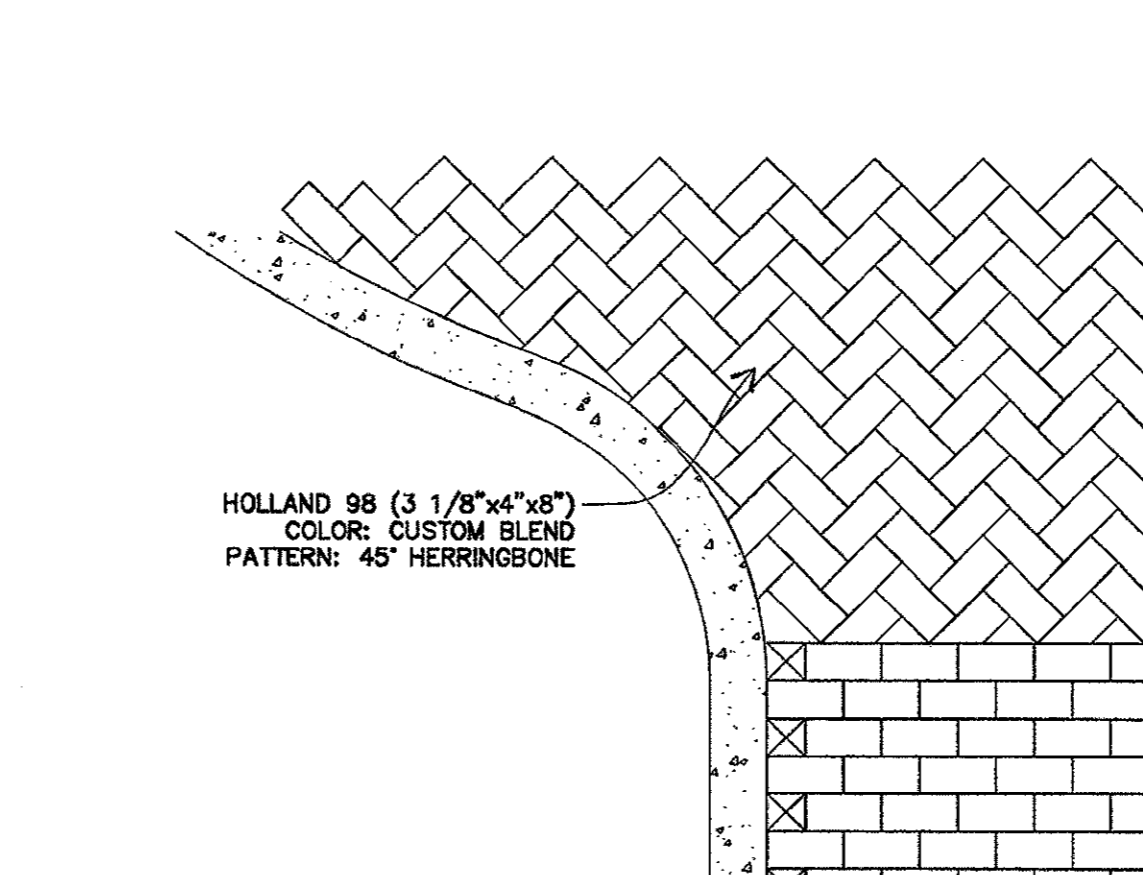
10 ACCESS ROAD (HEAVY DUTY)
SCALE: NONE



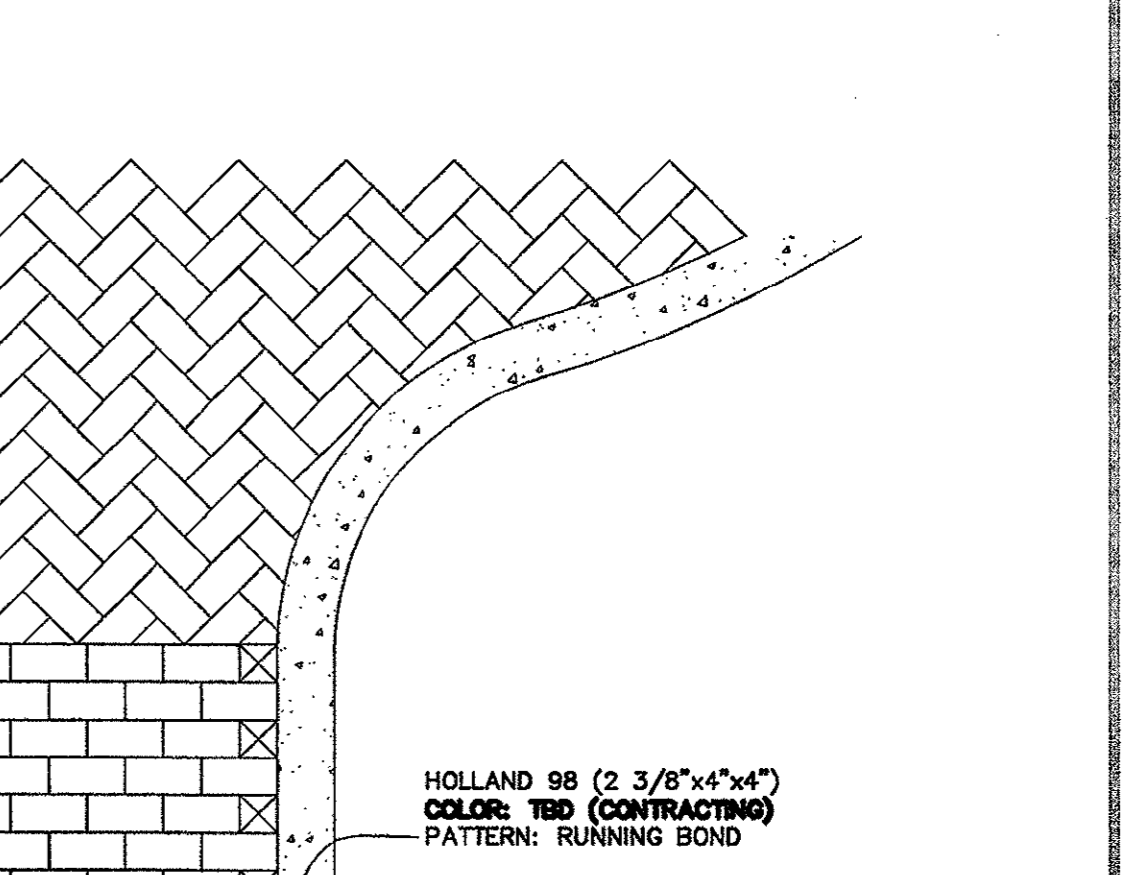
11 ACCESS ROAD (PAVING TRANSITION)
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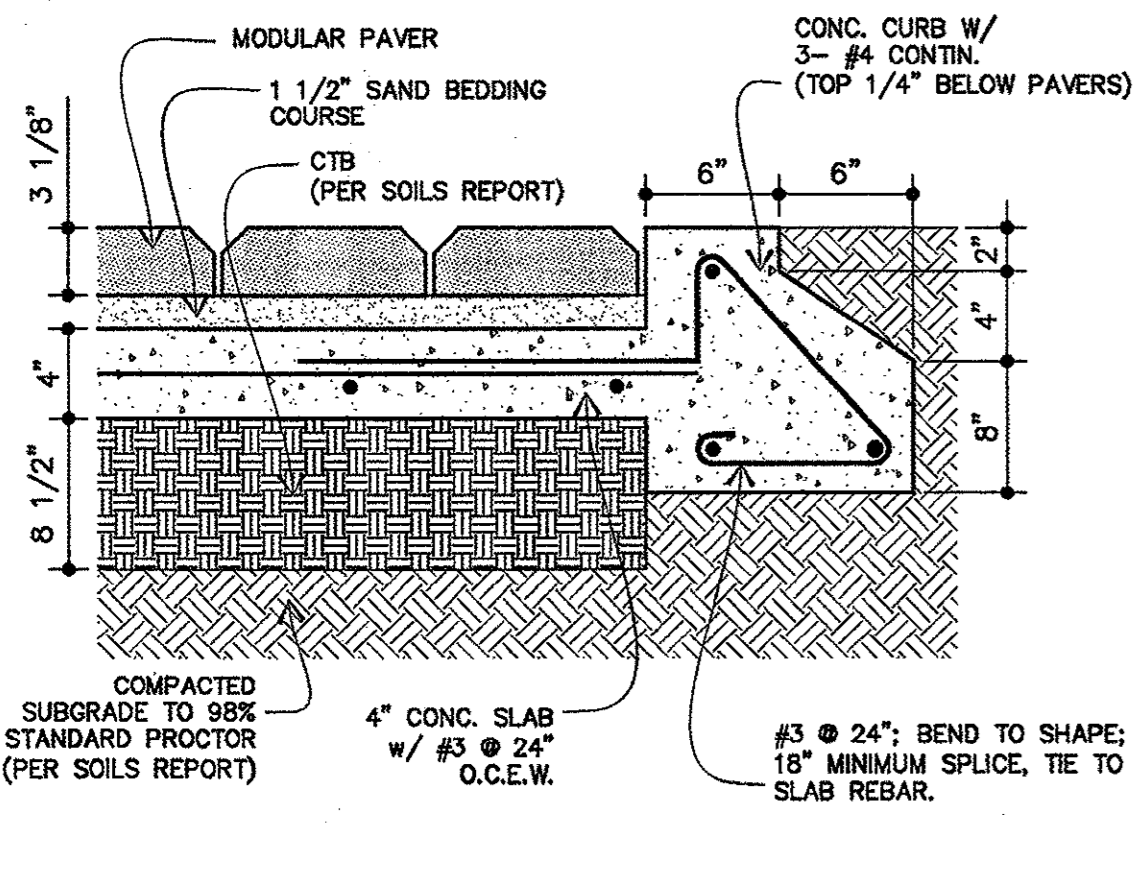
12 PAVERS AT HANDICAP RAMP
SCALE: NONE



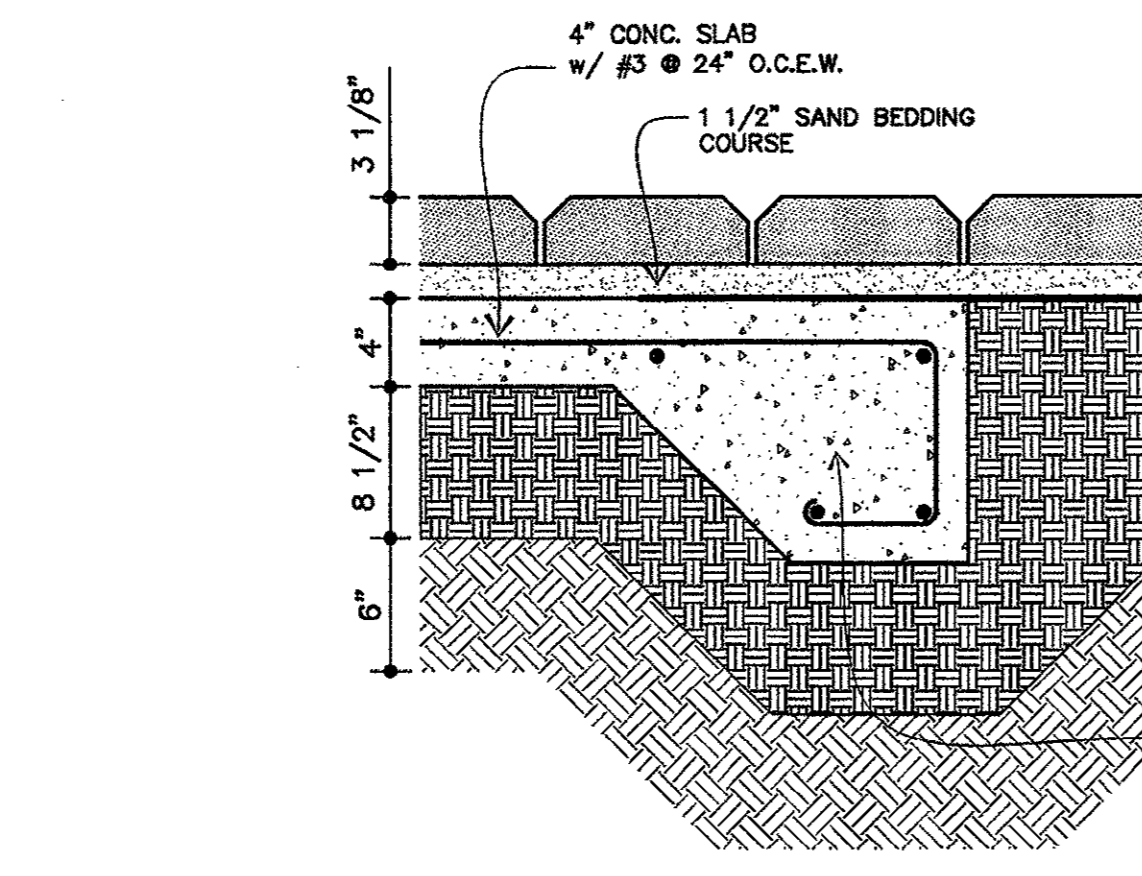
13 PAVERS AT VERTICAL CURB
SCALE: NONE



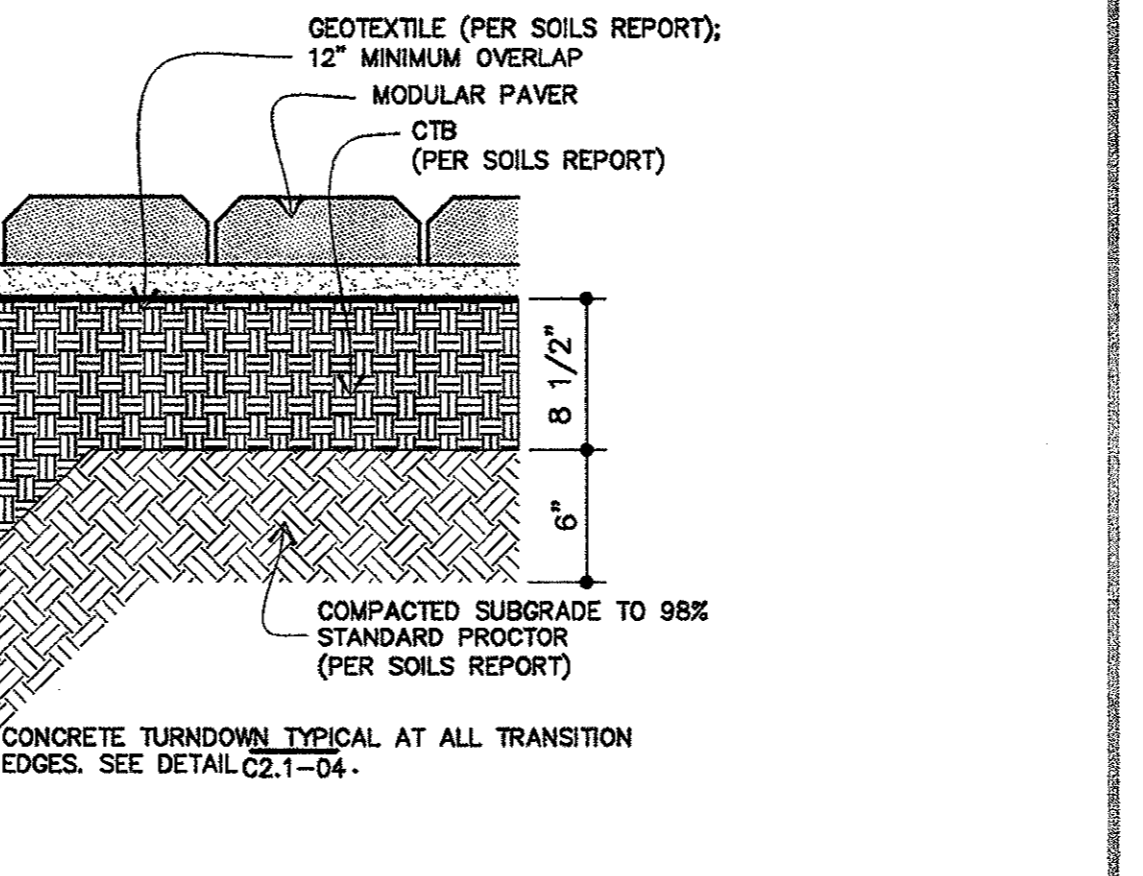
14 PAVERS AT VERTICAL CURB
SCALE: NONE



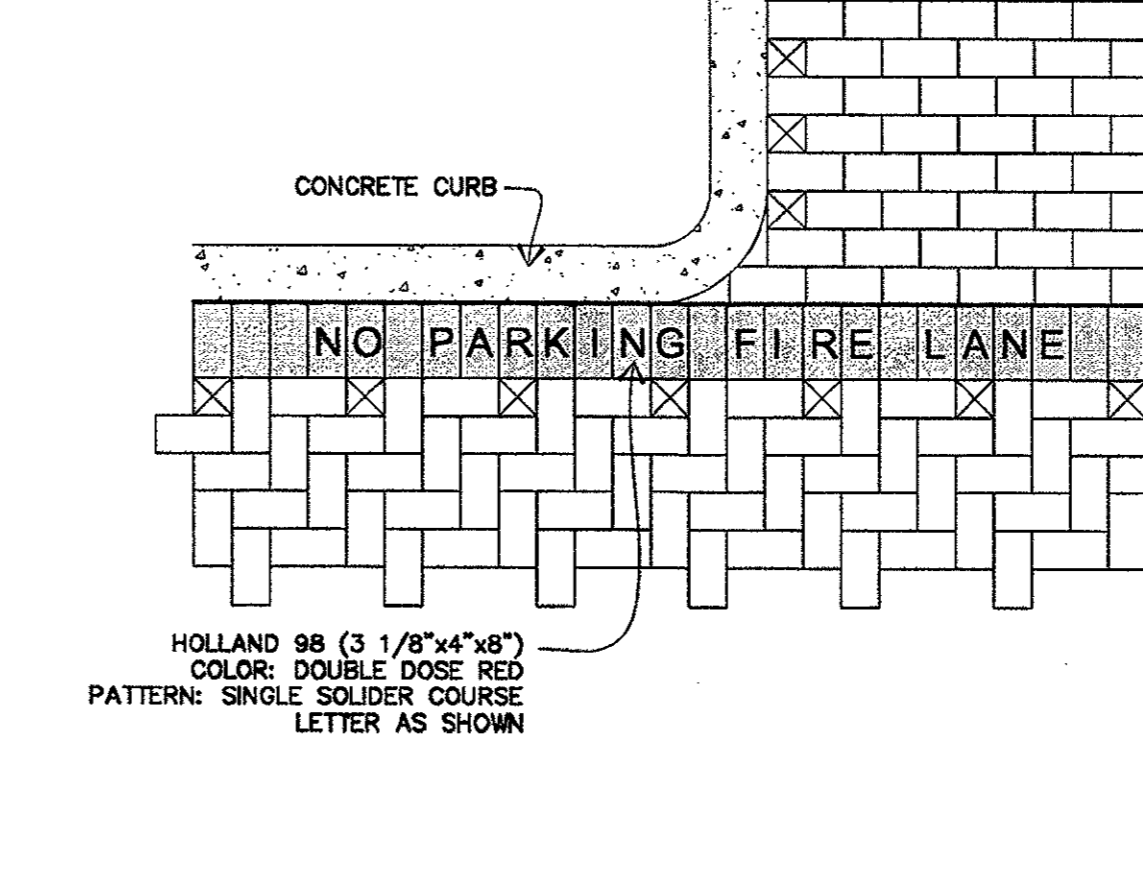
15 ACCESS ROAD (HEAVY DUTY)
SCALE: NONE



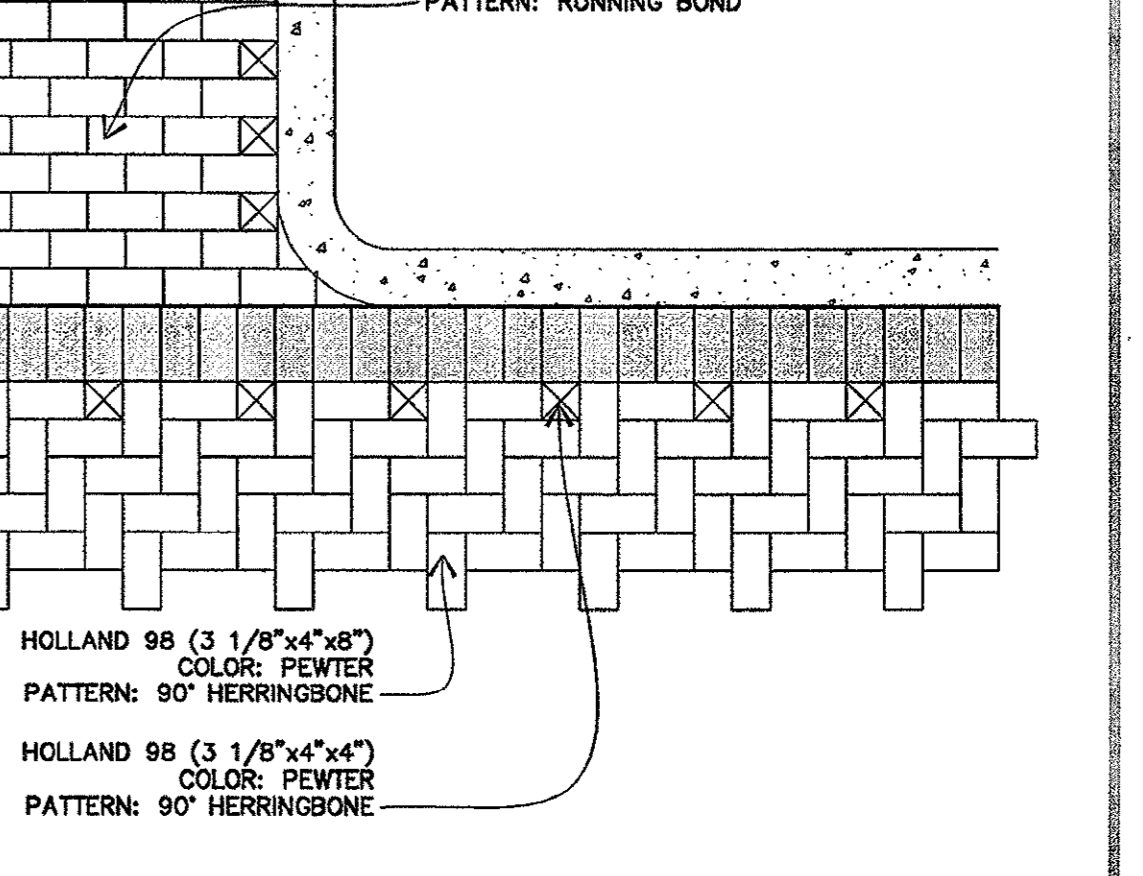
16 ACCESS ROAD (PAVING TRANSITION)
SCALE: NONE



17 PAVERS AT HANDICAP RAMP
SCALE: NONE



18 PAVERS AT VERTICAL CURB
SCALE: NONE

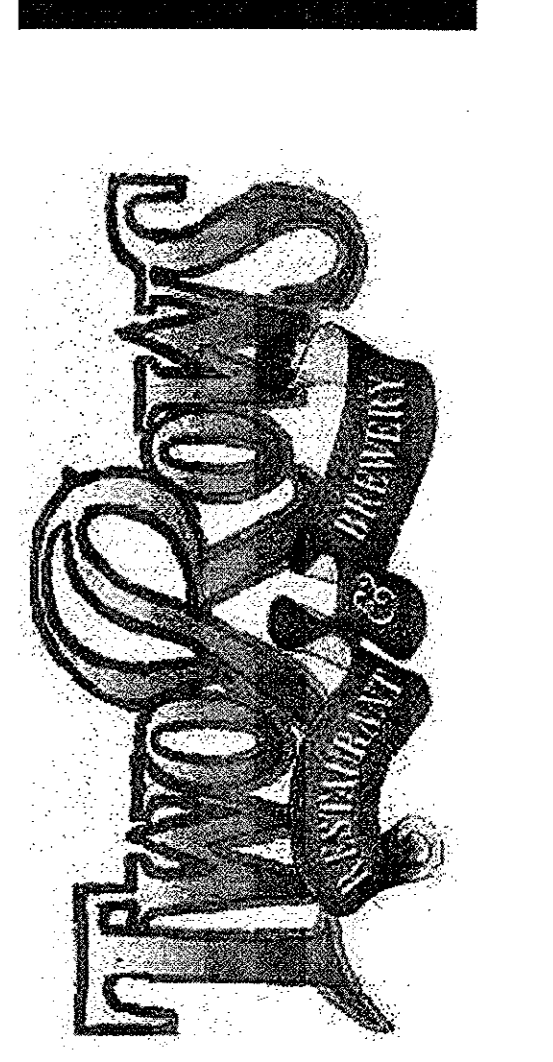


19 PAVERS AT VERTICAL CURB
SCALE: NONE

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REVISIONS

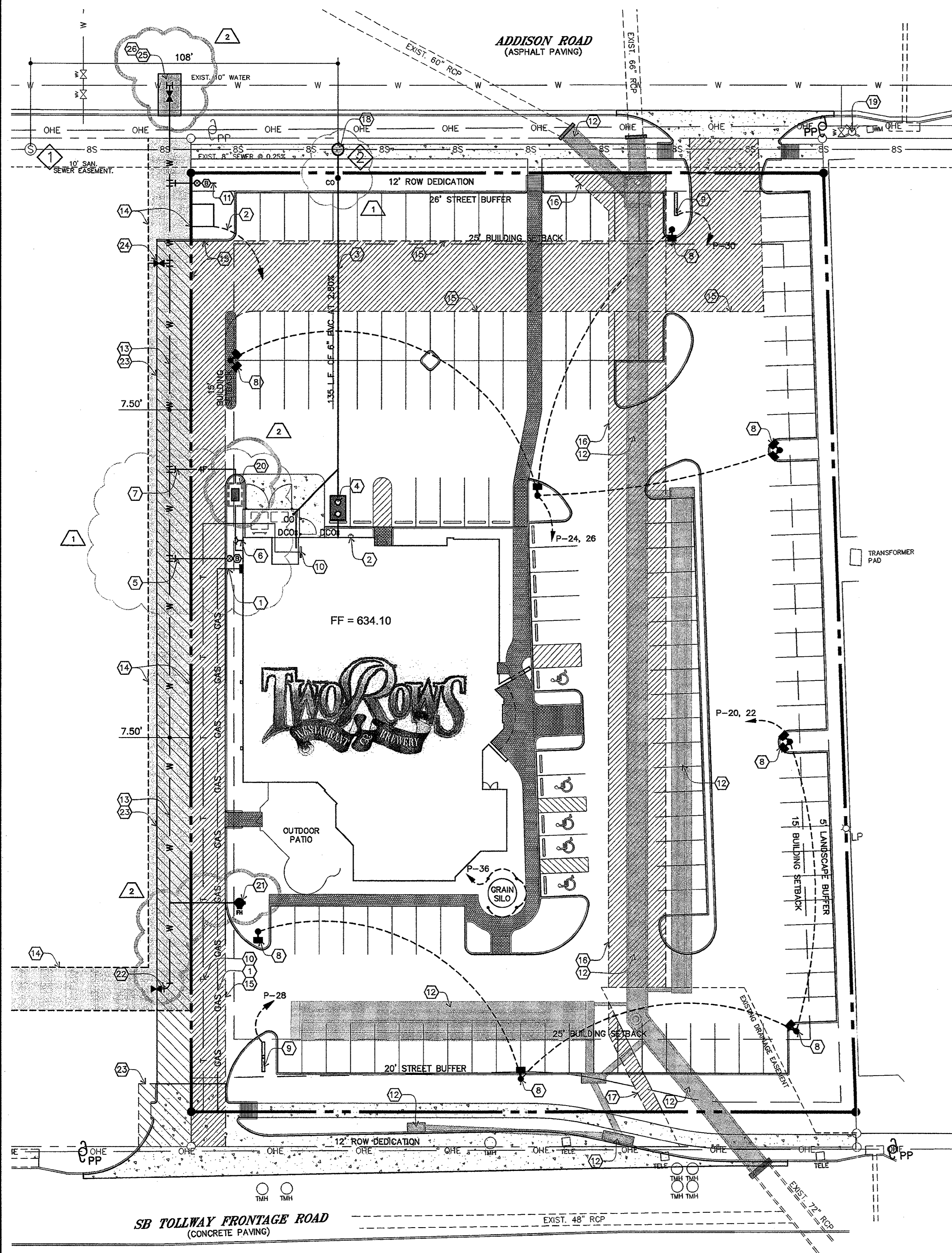
1	12/19/02 (City)
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PROTOTYPE

STORE NUMBER

WD PROJECT NUMBER
0000.659-00

C3.4 PAVING DETAILS



KEYED NOTES

- 1 NATURAL GAS SERVICE. GAS COMPANY SHALL SIZE AND INSTALL SERVICE THROUGH THE METER LOCATED AT THE BUILDING. ALL MATERIALS AND INSTALLATION ARE TO BE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND N.F.P.A. STANDARDS. INCLUDE TWO GUARD POSTS AT METER LOCATION. SEE DETAIL C2.1-03.
- 2 ELECTRIC SERVICE. CONTRACTOR SHALL INSTALL 2 - 4" CONDUITS PER ALL STATE AND LOCAL CODES, POWER COMPANY, N.F.P.A., AND N.E.C. STANDARDS AND COORDINATE WITH THE POWER COMPANY TO VERIFY THE TRANSFORMER SIZE, ORIGIN OF SERVICE, AND ALL STANDARDS FOR WORK. SEE ELECTRICAL SHEETS FOR SECONDARY WIRING DESIGN.
THE DIVISION OF WORK SHALL BE AS FOLLOWS:
UTILITY COMPANY: SHALL PROVIDE PRIMARY WIRING AND FINAL CONNECTION TO THE TRANSFORMER.
GENERAL CONTRACTOR: SHALL PROVIDE TRANSFORMER PAD, PRIMARY AND SECONDARY CONDUIT, ALL TRENCHING AND BACKFILL, SECONDARY WIRING AND METER SOCKET.
- 3 SANITARY SEWER LATERAL PIPE SHALL BE P.V.C. ASTM D-3034 SDR 35, SEE PLAN FOR LENGTH, SIZE AND SLOPE. JOINTS SHALL CONFORM TO ASTM D-3212. PROVIDE CLEANOUTS (SINGLE OR DOUBLE) AS INDICATED BY "CO" OR "DCO" PER DETAIL C4.1-03.
- 4 1000 GAL. GREASE INTERCEPTOR. INSTALL PER ALL GOVERNING CODES. MAINTAIN A MINIMUM DISTANCE OF 8 FEET FROM BUILDING. SET MANHOLE LIDS FLUSH WITH GRADE. SEE SHEET MEP-03.
- 5 DOMESTIC WATER SERVICE. PIPING SHALL BE 2" TYPE "K" COPPER WITH SILVER SOLDER. CONTRACTOR MUST VERIFY REQUIREMENTS OF LOCAL CODES, UTILITY COMPANIES AND GOVERNING OFFICIALS. INCLUDE IN BASE BID ALL ADDITIONAL VALVES, PIPING STRUCTURES, ETC., THAT WILL BE REQUIRED.
THE DIVISION OF WORK WILL BE AS FOLLOWS:
UTILITY COMPANY: SHALL PROVIDE REQUIRE INSPECTIONS.
GENERAL CONTRACTOR: SHALL PROVIDE ALL TRENCHING, PIPING, AND BACKFILLING FOR SERVICE CONNECTION, A 2" METER, AND A 2" DOUBLE CHECK VALVE BACKFLOW PREVENTER.
- 6 SIAMESE FIRE DEPARTMENT CONNECTION.
- 7 FIRE WATER SERVICE. PIPING SHALL BE 4" PVC. CONTRACTOR MUST VERIFY REQUIREMENTS OF LOCAL CODES, UTILITY COMPANIES AND GOVERNING OFFICIALS. INCLUDE IN BASE BID ALL ADDITIONAL VALVES, PIPING STRUCTURES, ETC., THAT WILL BE REQUIRED.
THE DIVISION OF WORK WILL BE AS FOLLOWS:
UTILITY COMPANY: SHALL PROVIDE REQUIRE INSPECTIONS.
GENERAL CONTRACTOR: SHALL PROVIDE ALL TRENCHING, PIPING, AND BACKFILLING FOR SERVICE CONNECTION AND A 4" DOUBLE CHECK VALVE BACKFLOW PREVENTER WITH DETECTOR ASSEMBLY.
- 8 SITE LIGHT. PROVIDE 1 1/2" P.V.C. CONDUIT BACK TO ELECTRIC PANELS, SEE DETAIL C4.1-05. CIRCUIT AS SHOWN.
- 9 SITE SIGN. PROVIDE 1" P.V.C. CONDUIT BACK TO ELECTRIC PANELS, CIRCUIT AS SHOWN.
- 10 TELEPHONE SERVICE. CONTRACTOR TO PROVIDE 2" CONDUIT WITH PULL WIRE FOR TELEPHONE SERVICE. VERIFY EXACT ROUTING AND TERMINATION REQUIREMENTS WITH UTILITY COMPANIES BEFORE STARTING WORK. CONTRACTOR TO COORDINATE WITH OTHER UTILITIES AND UTILIZE SHARED TRENCHING IF PERMITTED.

- 11 IRRIGATION WATER SERVICE. PIPING SHALL BE 1", TYPE "K" COPPER WITH SILVER SOLDER.
THE DIVISION OF WORK SHALL BE AS FOLLOWS:
UTILITY COMPANY: SHALL PROVIDE REQUIRE INSPECTIONS.
CONTRACTOR: SHALL PROVIDE 1" METER, TAPPED FROM 8" MAIN AND 1" BACKFLOW PREVENTER. PIPING DOWN STREAM OF BFP SHALL BE 1-1/4" SCH. 40 PVC, 12" BELOW GRADE WITH SHUTOFF VALVE.
- 12 STORM DRAIN SHOWN FOR INFORMATION PURPOSE ONLY. SEE SHEET C3.0 FOR DETAILS.
- 13 8" WATER MAIN. SEE SHEET C4.1 FOR INSTALLATION DETAILS.
- 14 15' WATER LINE EASEMENT TO BE FILED UNDER SEPARATE INSTRUMENT BY OTHERS.
- 15 12' ACCESS EASEMENT.
- 16 20' DRAINAGE EASEMENT.
- 17 DRAINAGE EASEMENT.
- 18 4" DIAMETER MANHOLE. SEE DETAIL C4.1-07.
- 19 EXISTING FIRE HYDRANT.
- 20 PRECAST CONCRETE VAULT FOR DOUBLE CHECK VALVE WITH DETECTOR ASSEMBLY. MINIMUM INTERIOR DIMENSIONS TO BE 52" x 90". LID AND ACCESS HATCH TO HAVE H20 TRAFFIC RATING.
- 21 PROPOSED FIRE HYDRANT. SEE DETAIL C4.2-03.
- 22 8" - 90° BEND AND 8" GATE VALVE. SEE DETAIL C4.2-02.
- 23 12' ACCESS EASEMENT TO BE FILED UNDER SEPARATE INSTRUMENT BY OTHERS.
- 24 8"x8"x8" TEE AND 8" GATE VALVE. SEE DETAIL C4.2-02.
- 25 8"x10" TAPPING SLEEVE AND VALVE. SEE DETAIL C4.2-04.
- 26 ASPHALT REPAIR. SEE DETAIL C4.1-01.

GENERAL NOTES

- 1 ALL UTILITY WORK WITH THE RIGHT OF WAY OF THE TOLLWAY WILL BE GOVERNED BY THE CITY OF DALLAS. CONTRACTOR WILL KEEP A COPY OF THE UTILITY PERMIT ISSUED BY THE CITY OF DALLAS ON SITE AT ALL TIMES.
- 2 48 HOURS PRIOR TO BEGINNING WORK WITHIN THE RIGHT OF WAY OF THE TOLLWAY, CONTRACTOR MUST INFORM THE CITY OF DALLAS TRANSPORTATION DEPARTMENT. CONTRACTOR WILL CONTACT:
RUSSELL FINELY
214.957.1036 (MOBIL PHONE)
214.670.5896 (OFFICE)
ALL TRAFFIC CONTROL WILL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE CITY OF DALLAS.
- 3 ALL PUBLIC INFRASTRUCTURE CONSTRUCTED UNDER THIS CONTRACT MUST BE INSTALLED AND INSPECTED ACCORDING TO THE TOWN OF ADDISON REQUIREMENTS. CONTRACTOR IS DIRECTED TO THE SUPPLEMENTAL SPECIFICATION BOOKLET WHICH OUTLINES THE TOWN REQUIREMENTS. THE BOOKLET HAS BEEN ISSUED WITH THE DRAWINGS AND ARE HEREBY A PART OF THE CONTRACT DOCUMENTS.
- 4 ALL UTILITY WORK WITHIN THE RIGHT OF WAY OF ADDISON ROAD WILL BE GOVERNED BY THE TOWN OF ADDISON. CONTRACTOR WILL KEEP A COPY OF THE ROW/EXCAVATION PERMIT ISSUED BY THE TOWN OF ADDISON ON SITE AT ALL TIMES.
- 5 ALL UTILITY, STREET AND DRAINAGE WORK NOT WITHIN THE RIGHT OF WAY OF THE TOLLWAY WILL COMPLY WITH THE TOWN OF ADDISON STANDARDS AND SPECIFICATIONS. ALL WORK WILL BE INSPECTED AND APPROVED BY THE TOWN OF ADDISON PUBLIC WORKS DEPARTMENT.

UTILITY CONTACTS

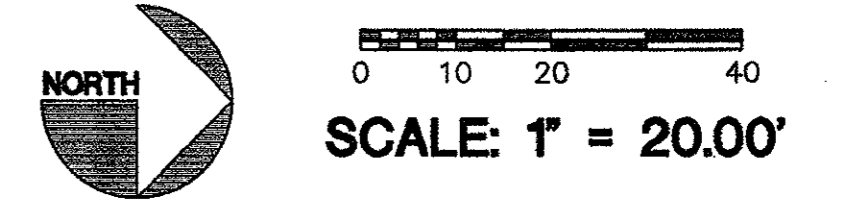
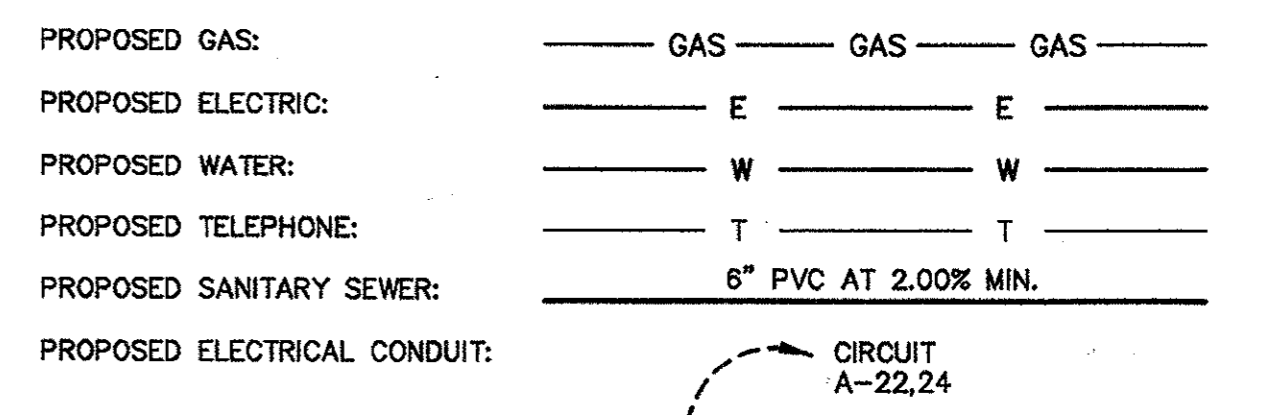
BUILDING OFFICIAL:	CITY OF ADDISON (LYNN CHANDLER) 16801 WESTGROVE DRIVE ADDISON, TEXAS 75001 972.450.2889 (T) 972.450.2837 (F)
SANITARY SEWER:	CITY OF ADDISON (STEVE CHUTCHIAN) 16801 WESTGROVE DRIVE ADDISON, TEXAS 75001 972.450.2886 (T) 972.450.2837 (F)
STORM SEWER:	CITY OF ADDISON (STEVE CHUTCHIAN) 16801 WESTGROVE DRIVE ADDISON, TEXAS 75001 972.450.2886 (T) 972.450.2837 (F)
WATER SERVICE:	CITY OF ADDISON (STEVE CHUTCHIAN) 16801 WESTGROVE DRIVE ADDISON, TEXAS 75001 972.450.2886 (T) 972.450.2837 (F)
GAS SERVICE:	TXU ELECTRIC AND GAS 972.888.1330 (T) 972.888.1304 (F)
ELECTRICAL SERVICE:	TXU ELECTRIC AND GAS 972.888.1330 (T) 972.888.1304 (F)
TELEPHONE COMPANY:	AT&T 972.840.2388
CABLE TELEVISION:	CHARTER COMMUNICATION 800.477.0887

GENERAL NOTE:
CONTRACTOR SHALL SUPPLY AND INSTALL ALL ITEMS AND PERFORM ALL WORK NOT COVERED BY UTILITY COMPANIES. VERIFY INSTALLATION PROCEDURE WITH UTILITY COMPANY.
ON SITE TRENCHING SHALL BE MINIMIZED WHEN POSSIBLE. UTILITIES, LIGHTING, AND IRRIGATION SHALL MAKE USE OF SHARED TRENCHING. FOR TRENCHING INFORMATION, SEE DETAIL C4.1-01

SEWER STRUCTURE SCHEDULE

- 1 EXISTING MANHOLE
RIM = 853.56
8" INVERT IN (N) = 626.01
8" INVERT OUT (S) = 625.96
- 2 PROPOSED MAHOLE
RIM = 637.50
8" INVERT IN (N) = 626.33
8" INVERT OUT (S) = 626.23
6" INVERT IN (E) = 626.33

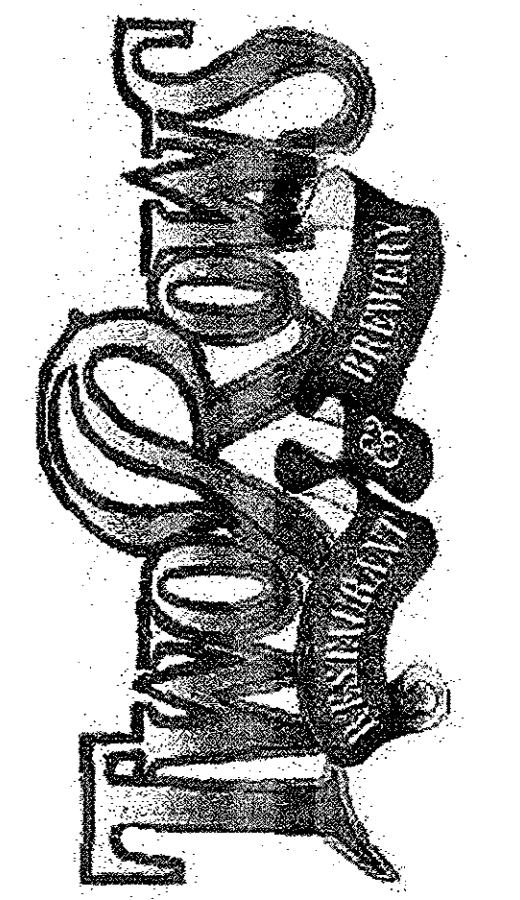
UTILITY LINE LEGEND



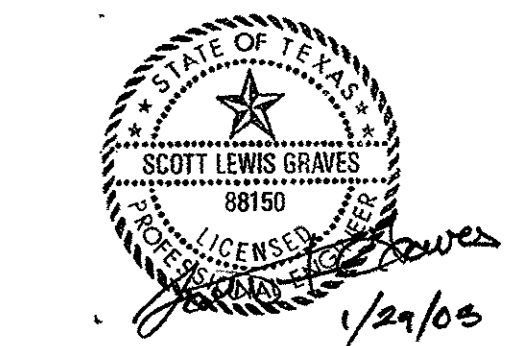
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17225 Dallas Parkway
Addison, TX

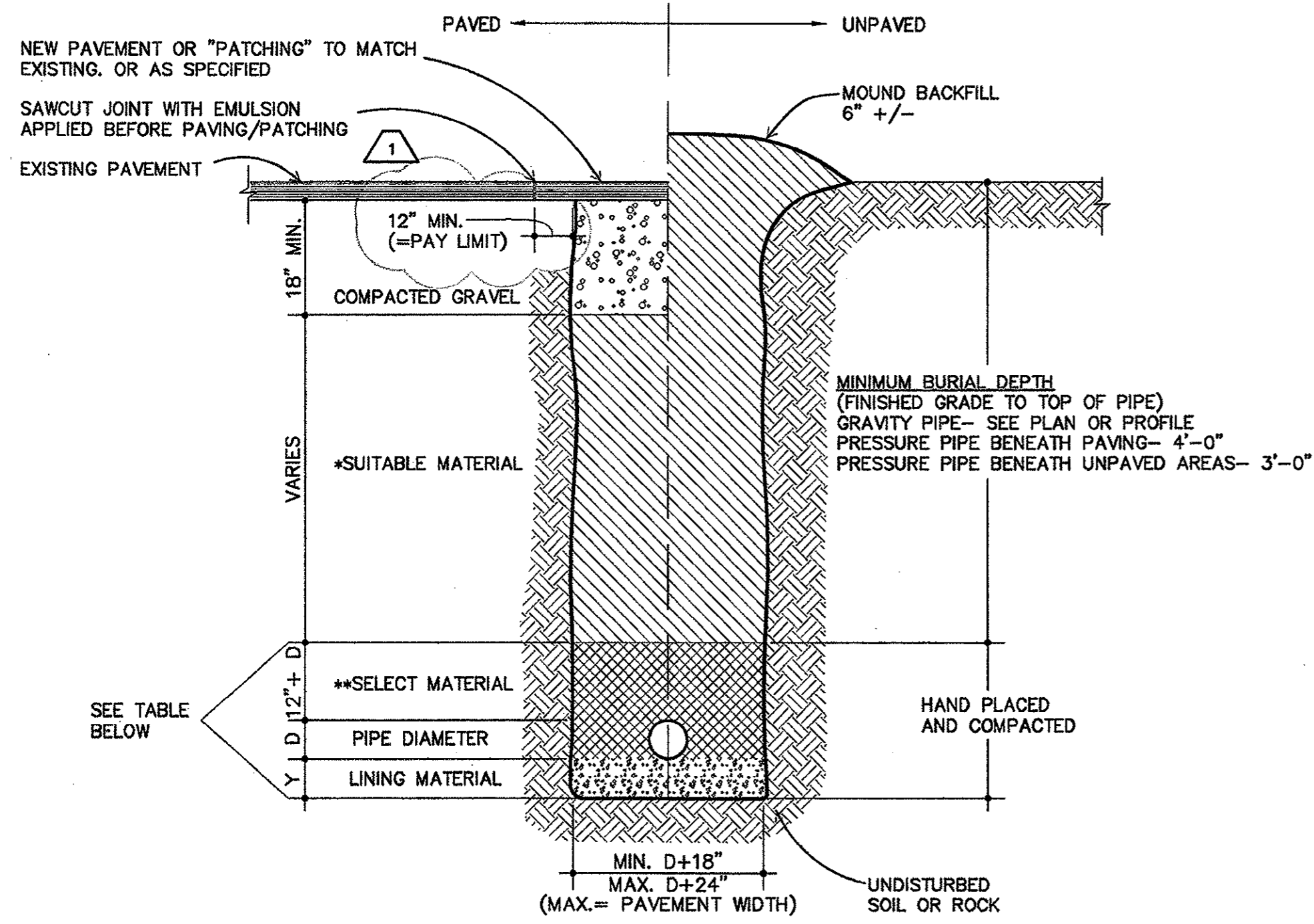


REVISIONS

1	12/19/02 (City)
2	01/24/03 (City)

PROTOTYPE
STORE NUMBER
WD PROJECT NUMBER
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C4.0 UTILITY PLAN



NOTES

A. WHERE BACKFILL IS DESIGNATED "COMPACTED", THIS MEANS 90% TO 95% STANDARD PROCTOR, AASHTO T-99. ALL FILL PLACED BELOW PIPES AND STRUCTURES MUST MEET THIS REQUIREMENT.

B. FOR ALL TRENCHES WITH A GRADE GREATER THAN 4% AND/OR WHERE GROUNDWATER IS APPARENT, INSTALL CLAY DAMS AROUND PIPE AT 100' INTERVALS.

CONDITION AND PIPE	**SELECT MATERIAL	LINING MATERIAL	3" Y-DIMENSION
DUCTILE IRON PIPE IN "ORDINARY SOIL"	TYPE I, II, OR III	SAND OR TYPE III	3"
RCP PIPE IN "ORDINARY SOIL"	TYPE II OR III	SAND OR TYPE III	6"
ALL PIPE OVER BEDROCK OR LEDGE	TYPE II OR III	SAND OR TYPE III	4"
DUCTILE IRON PIPE IN CLAY OR MUCK	TYPE II OR III	SAND	6"
RCP PIPE IN CLAY	TYPE II OR III	SAND	6"
PLASTIC-ALL	SAND OR TYPE III	SAND OR TYPE III	

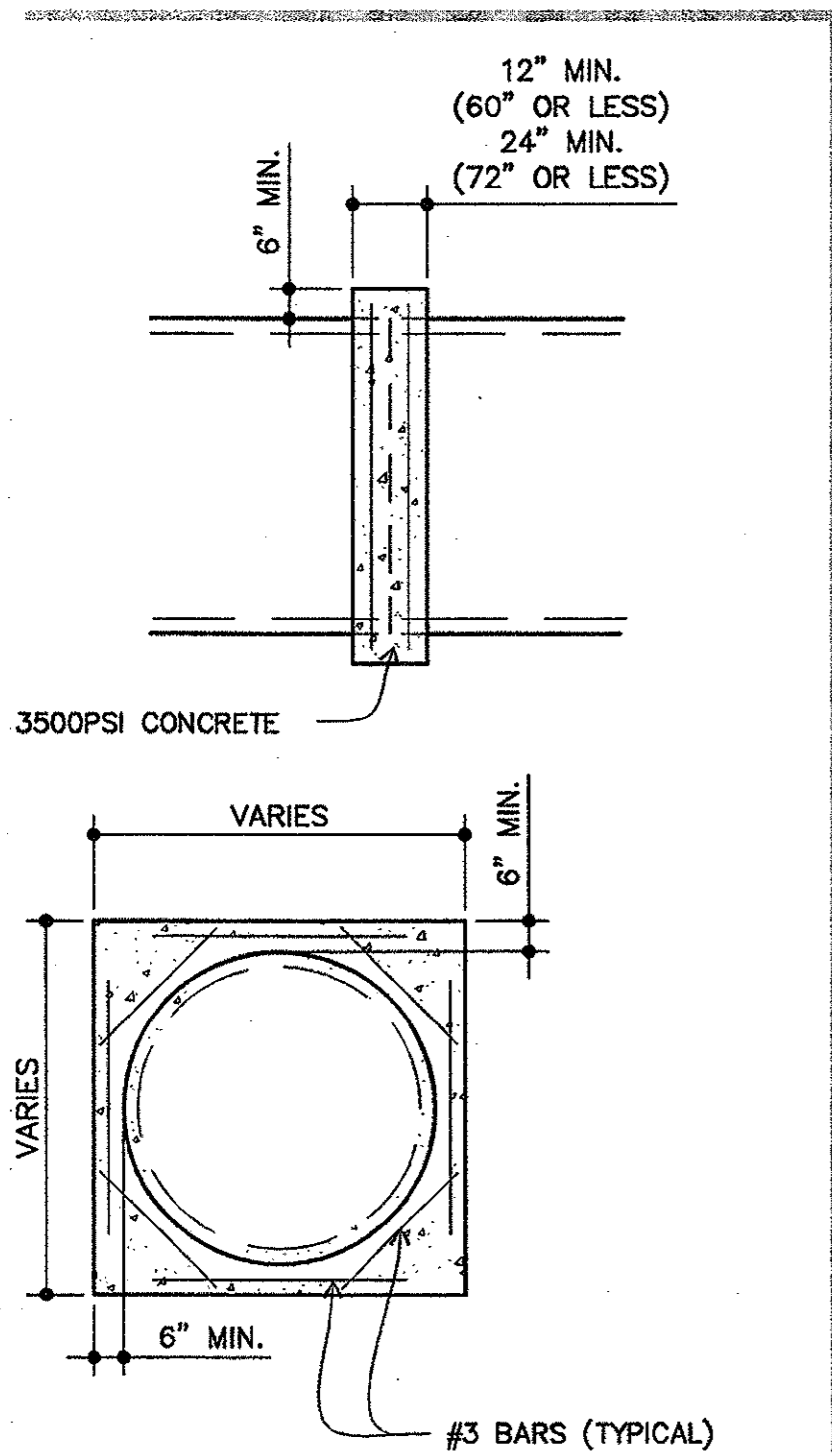
* SUITABLE MATERIAL SHOULD CONTAIN NO STONES GREATER THAN 4" IN DIAMETER, NO FROZEN LUMPS, AND ONLY MINOR AMOUNTS OF CLAY OR ORGANIC MATERIAL. ALL MATERIAL TO BE PLACED IN MAXIMUM OF 12" LIFTS AND COMPACTED BEFORE PLACING NEXT LIFT.

** TYPE I MATERIAL SHALL BE EITHER GRAVEL OR EXCAVATED MATERIAL CONTAINING NO STONES GREATER THAN 1 1/2" IN DIAMETER, NO FROZEN LUMPS, NO CLAY, AND NO ORGANIC MATERIAL.

** TYPE II MATERIAL SHALL BE CLEAN, HARD, CRUSHED OR NATURAL STONE WITH A GRADATION BY WEIGHT OF 100% PASSING A 1 1/2" SQUARE OPENING, NOT MORE THAN 25% PASSING A 3/4" SQUARE OPENING AND NOT MORE THAN 5% PASSING A 1/2" SQUARE OPENING.

** TYPE III MATERIAL SHALL BE CLEAN, HARD, CRUSHED STONE FREE FROM COATINGS AND THOROUGHLY WASHED WITH A GRADATION BY WEIGHT OF 100% PASSING A 1" SQUARE OPENING AND 0 TO 5% PASSING A 1/4" SQUARE OPENING.

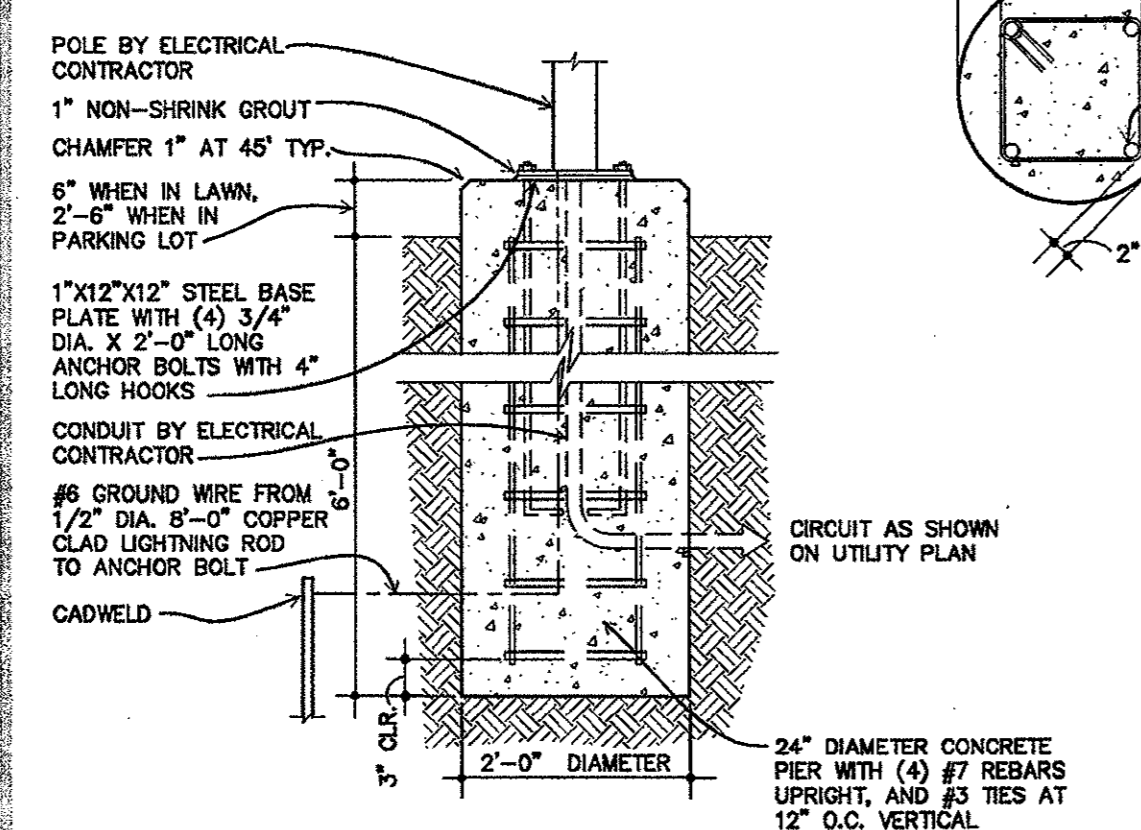
01 TRENCH/BACKFILL NOTES
SCALE: NONE



04 CONCRETE COLLAR
SCALE: NONE

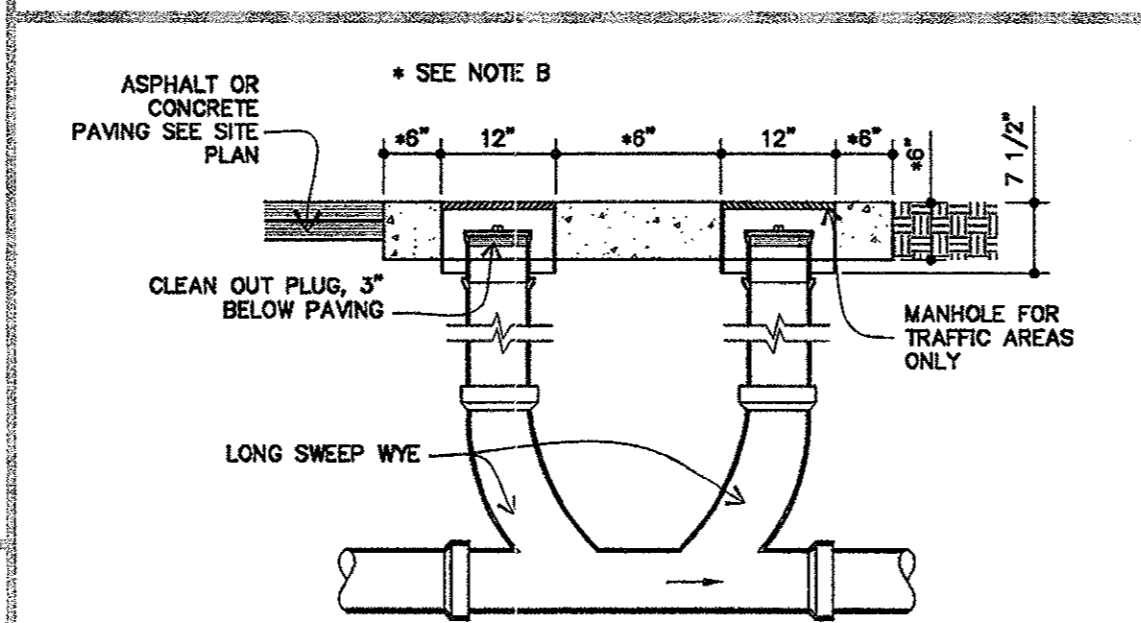
SITE ELECTRICAL NOTES

- FINAL ADJUSTMENTS OF THE FLOODLIGHTS ANGLE AND DIRECTION ARE TO BE MADE AFTER DARK TO AVOID INTERFERENCE WITH TRAFFIC OR ADJACENT PROPERTY, PER SATISFACTION OF OWNERS REPRESENTATIVE.
- ALL SITE LIGHTING TO BE WIRED IN 1" P.V.C. CONDUIT. EACH CIRCUIT TO HAVE DIRECT RUN TO THE SWITCH-GEAR. EACH CIRCUIT TO HAVE ITS OWN CONDUIT, UNLESS NOTED OTHERWISE.
- FLOODLIGHTS, POLE SIGNS, SIDE BUILDING SIGNS AND ROOF LIGHTS ARE TURNED ON/OFF THROUGH A LIGHTING CONTROLLER (WITH PHOTOCELL) AND TIME CLOCKS.
- RAISE SITE LIGHT BASE TO 2'-6" ABOVE FINISHED GRADE WHEN LOCATED IN PARKING LOT.
- RUN 1 1/2" CONDUIT FOR THE POLE SIGN(S) UNLESS NOTED OTHERWISE.
- COORDINATE BASE PLATE AND ANCHOR BOLT LAYOUT WITH POLE SUPPLIER.



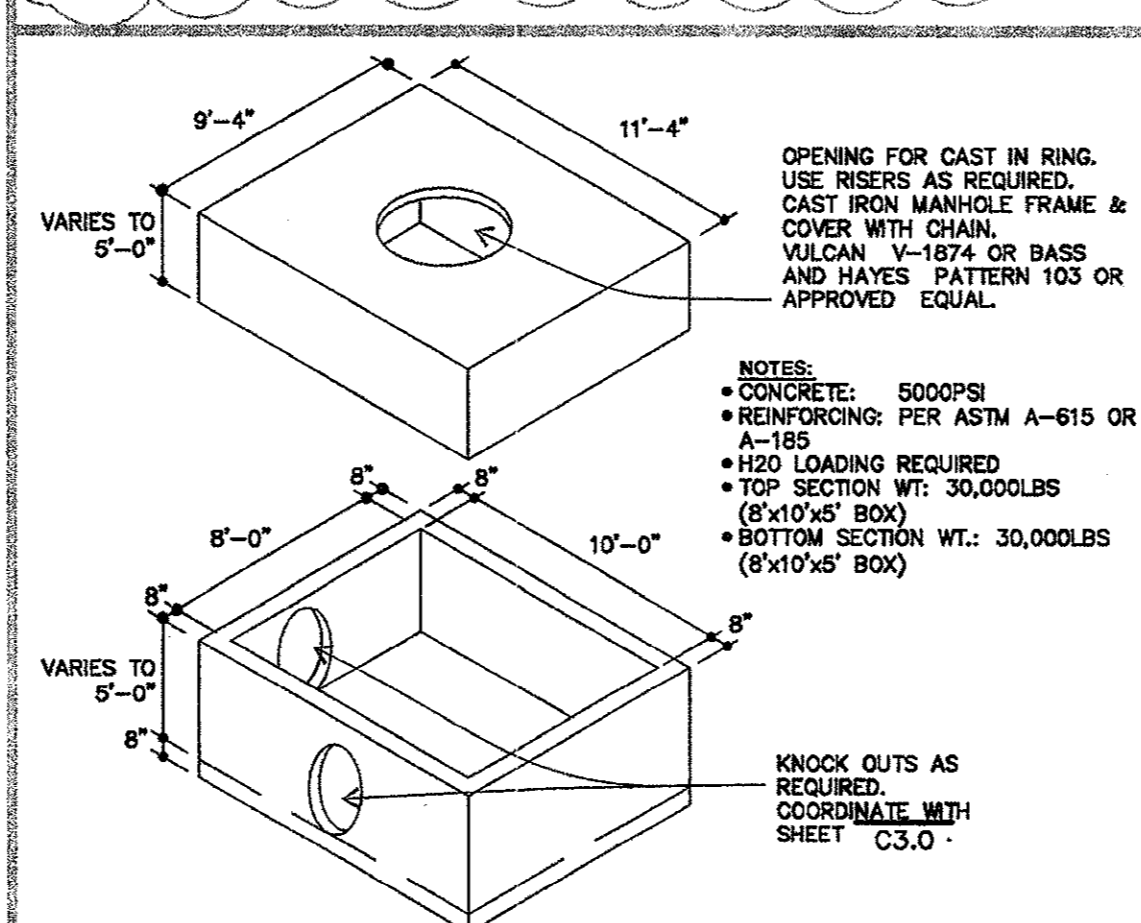
05 SITE LIGHT POLE BASE
SCALE: NONE

02 CURB INLET
SCALE: NONE

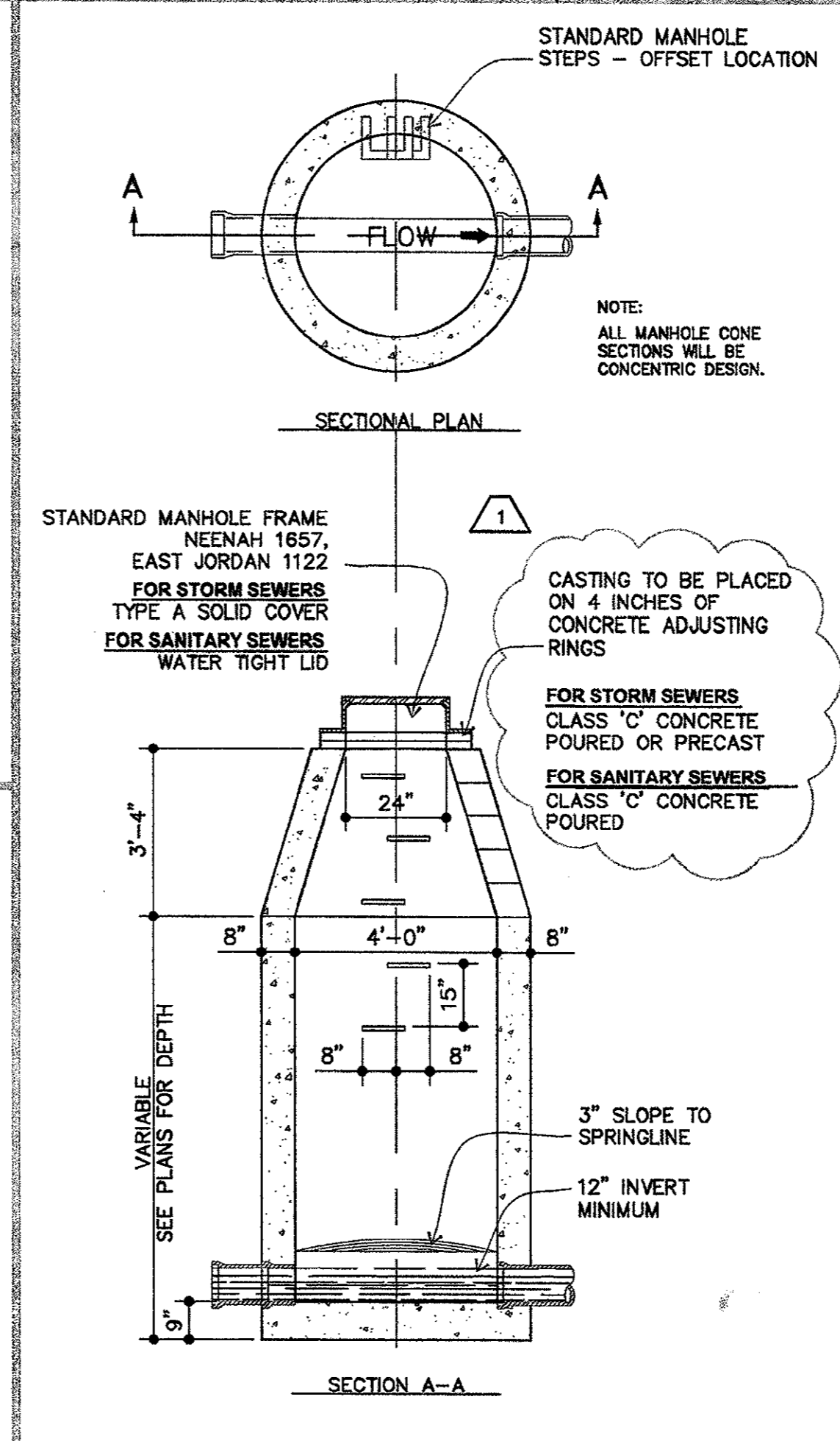


- NOTES**
- CLEAN OUT LOCATIONS INDICATED ON GRADING & UTILITY PLANS AS "CO"
 - IF CLEANOUT IS LOCATED IN ASPHALT OR LANDSCAPE, ENSURE 6 INCHES MINIMUM OF CONCRETE ON ALL SIDES AND BOTTOM.
 - PROVIDE CLEANOUTS AS SPECIFIED BELOW:
 - ZURN Z-1400 CLEAN OUTS IN NON-TRAFFIC AREAS & SIDEWALKS
 - ZURN Z-1448 CLEAN OUTS IN LANDSCAPED AREAS
 - ZURN Z-1400 HD CLEAN OUTS IN TRAFFIC AREAS WITH A "SERVICE STATION" TYPE MANHOLE, OPW #04 A12 - DOVER CORP./OPW DIV.

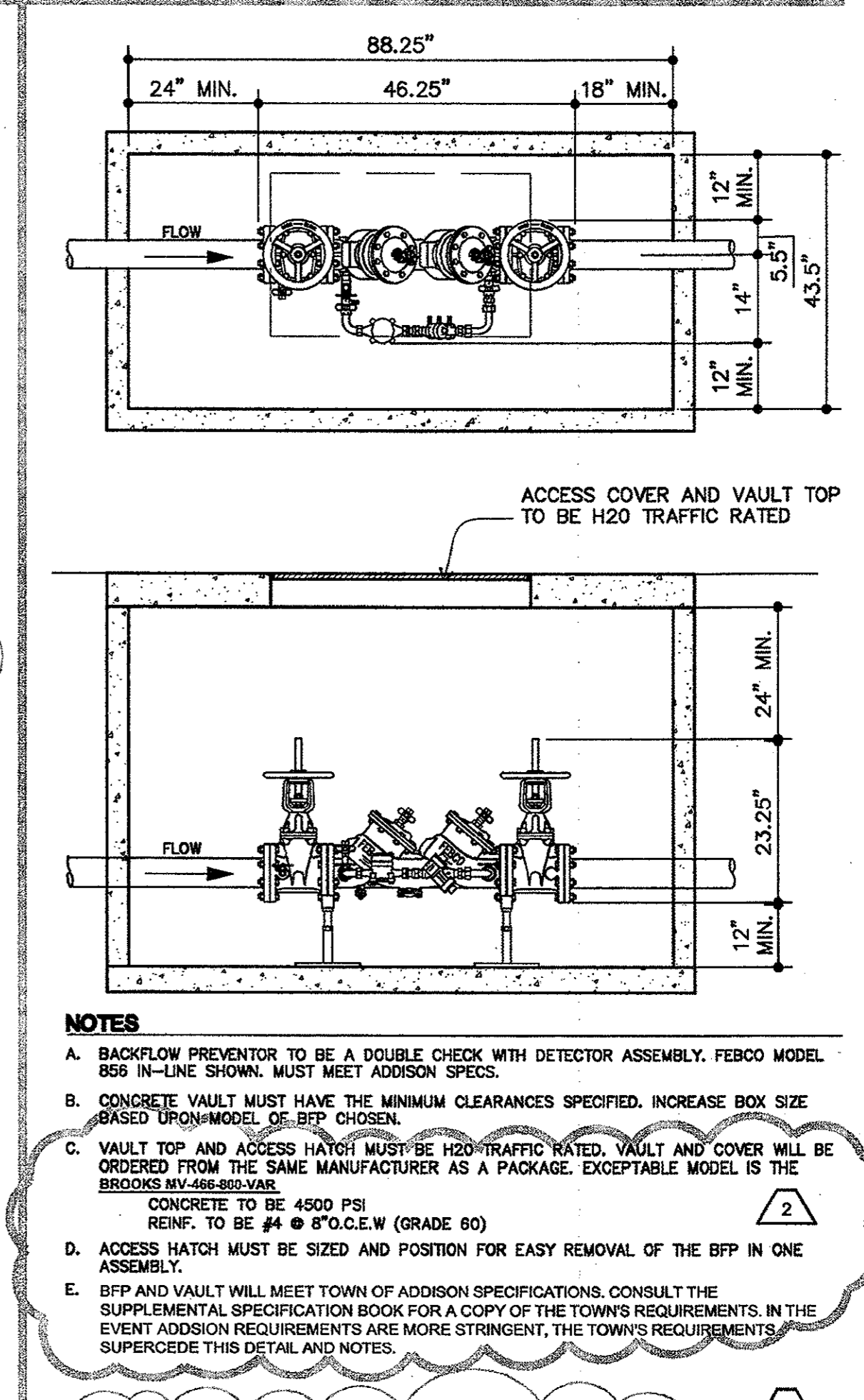
03 TWO-WAY CLEANOUT
SCALE: NONE



06 PRECAST JUNCTION BOX
SCALE: NONE



07 SANITARY SEWER MANHOLE
SCALE: NONE



08 BACKFLOW PREVENTER
SCALE: NONE

- GENERAL NOTES:**
- IN GENERAL, INLET REINFORCING STEEL SHALL BE #4 BARS ON 12" CENTERS BOTH WAYS FOR GUTTER, BOTTOM SLAB ENDS, FRONT AND BACK WALLS, AND #4 BARS ON 6" CENTERS BOTH WAYS FOR TOP SLAB. AN ADDITIONAL #6 BAR SHALL BE PLACED IN THE FRONT EDGE OF THE TOP SLAB IN THE INLETS AND ADDITIONAL STEEL SHALL BE PLACED AROUND MANHOLES AS SHOWN.
 - ALL REINFORCING STEEL SHALL BE GRADE 60.
 - ALL CONCRETE SHALL BE CLASS "A". ALL EXPOSED CORNERS SHALL BE CHAMFERED 3/4".
 - ALL REINFORCING STEEL SHALL HAVE A MINIMUM COVER OF 2" TO THE CENTERS OF THE BARS.
 - 10'-0" OF EXISTING CURB AND GUTTER UPSTREAM AND 10'-0" OF EXISTING CURB AND GUTTER DOWNSTREAM SHALL BE REMOVED AND REPAIRED INTEGRALLY WITH EACH INLET.
 - ALL BACK FILLING SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY.
 - CENTER BEAM IS REQUIRED FOR ALL INLET OPENINGS GREATER THAN 10'-0".
 - TWO MANHOLE FRAMES AND COVERS ARE REQUIRED WHEN INLET OPENING IS GREATER THAN 10'-0".
 - ALL INLET FLOORS ARE TO HAVE A 2% SLOPE TOWARDS THE OUTLET PIPE.
 - MINIMUM INLET OPENING SIZE IS 5'-0".
 - MAXIMUM INLET OPENING SIZE IS 20'-0".
 - OUTLET PIPE TO BE PLACED AT LOWEST END OF FLOOR INLET. MANHOLE COVER TO BE PLACED ABOVE OUTLET END OF INLET.
 - MANHOLE FRAME AND COVER SHALL BE CAST IRON, VULCAN V-1874 OR BASS AND HAYES PATTERN 103 OR APPROVED EQUAL.
 - MANHOLE COVERS SHALL HAVE CHAINS ATTACHED TO PREVENT COVERS FROM BEING WASHED AWAY DURING FLOOD CONDITIONS.

wd partners

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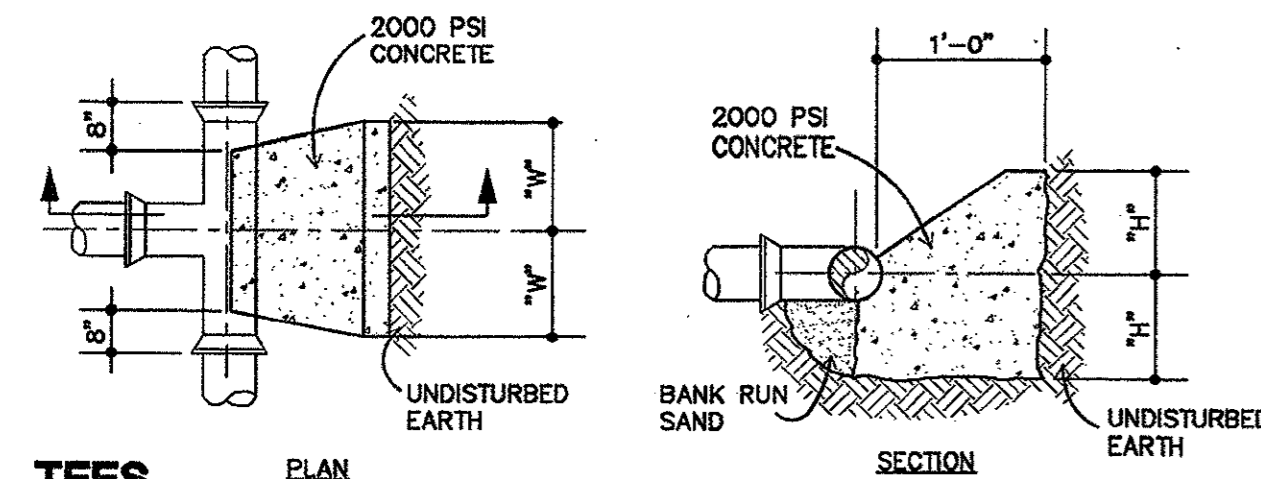
17225 Dallas Parkway
Addison, TX

REVISIONS

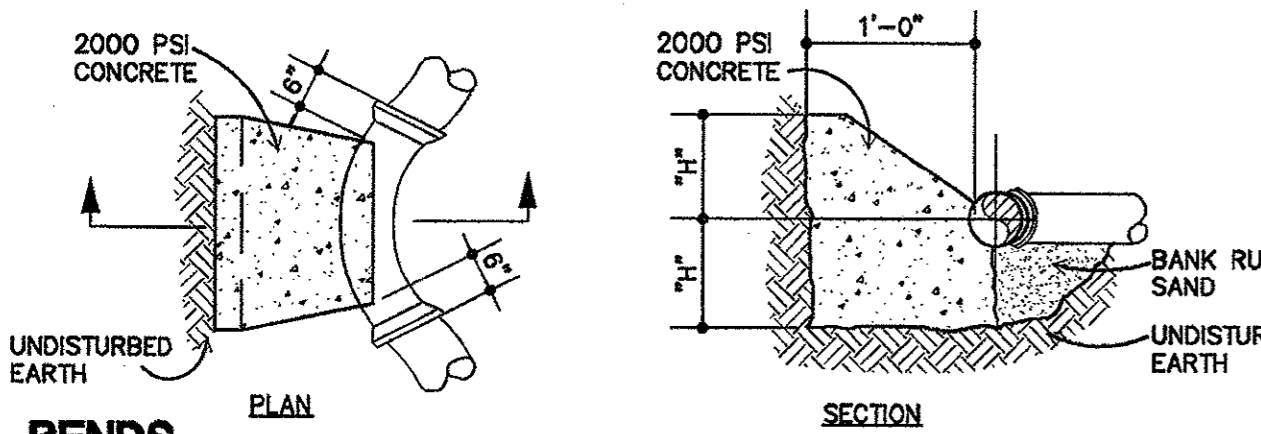
1	12/19/02 (City)
2	01/24/03 (City)

PROTOTYPE
STORE NUMBER
WD PROJECT NUMBER
0000.659-00

C4.1 UTILITY DETAILS



TEES
SCALE: NONE

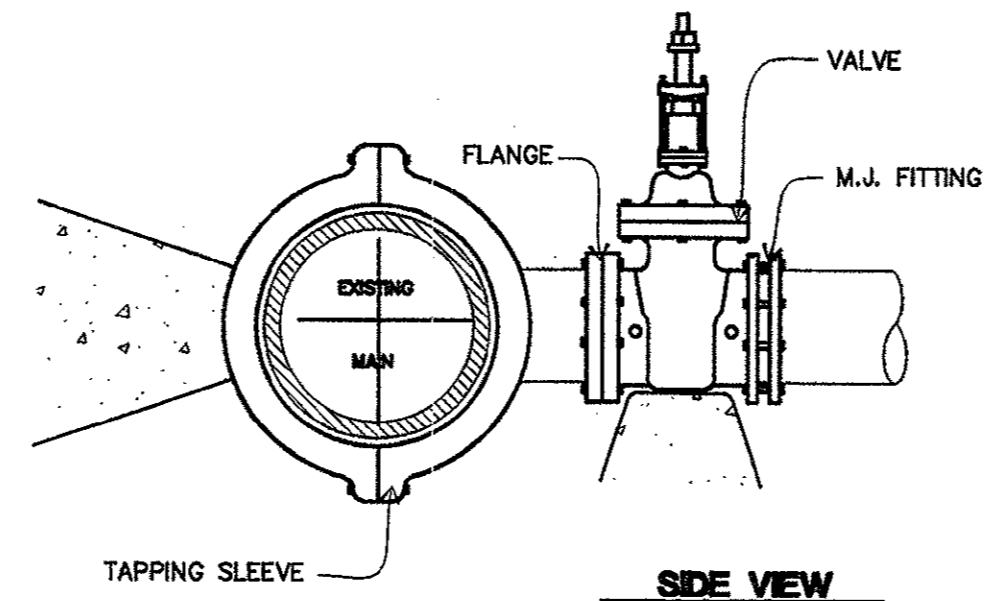
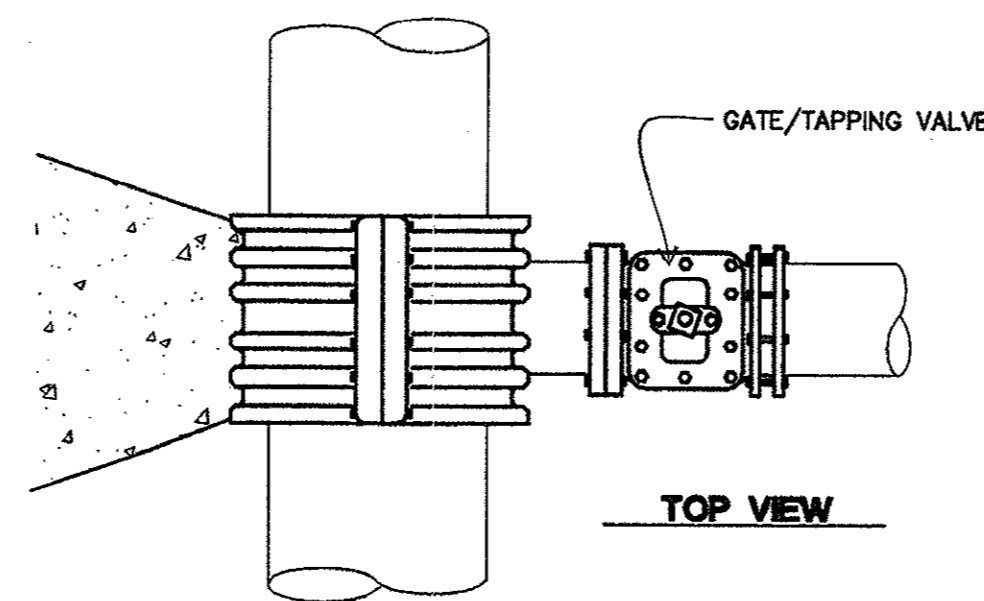


BENDS
SCALE: NONE

THRUST BLOCK NOTES

- A. THRUST BLOCKS DIRECTLY AGAINST UNDISTURBED EARTH.
- B. NO JOINTS SHALL BE COVERED WITH CONCRETE.
- C. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
- D. ALL THRUST BLOCKS FOR VERTICAL BENDS SHALL INCLUDE STRAPS TO SECURE FITTING TO BLOCK.
- E. ALL THRUST BLOCKS ARE DESIGNED FOR 100 PSI NORMAL OPERATING PRESSURE. THE THRUST BLOCKS FOR HIGHER PRESSURE LINES, IF ANY, SHALL BE INCREASED IN SIZE AS DIRECTED BY ENGINEER.

DESCRIPTION OF FITTINGS	MINIMUM DIMENSIONS (IN FEET)		DIAMETER OF PIPE			
	W	H	6"	8"	10"	12"
TEES	1.25	1.5	1.75	2.0		
	1.25	2.0	2.25	2.5		
90° BENDS	1.5	2.0	3.0	3.5	4.0	
	1.5	2.0	2.25	2.5		
45° BENDS	1.5	2.0	2.5	3.0		
	1.0	1.25	1.75	2.0		
22 1/2° BENDS	1.5	1.5	2.0	2.5		
	1.0	1.0	1.5	1.5		
11 1/4° BENDS	1.0	1.25	1.5	1.5		
	1.0	1.0	1.25	1.25		
CAPS	1.25	1.5	1.75	2.0		
	1.25	2.0	2.25	2.5		

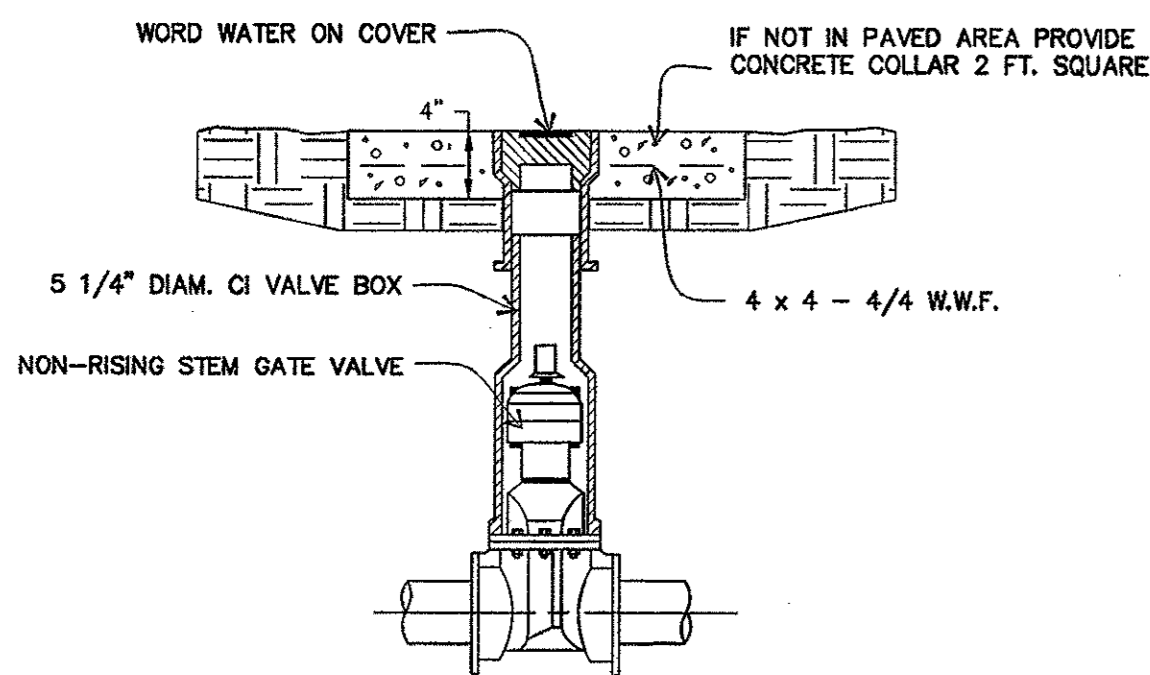


NOTES

1. 3000PSI CONCRETE WILL BE USED FOR FOOTINGS.
2. CONCRETE SHALL NOT CONTACT BOLTS OR ENDS OF MECHANICAL JOINT FITTINGS.
3. TAPPING SLEEVE AND VALVE WILL MEET TOWN OF ADDISON SPECIFICATIONS. CONSULT THE SUPPLEMENTAL SPECIFICATION BOOK FOR A COPY OF THE TOWN'S REQUIREMENTS. IN THE EVENT ADDISON REQUIREMENTS ARE MORE STRINGENT, THE TOWN'S REQUIREMENTS SUPERCEDE THIS DETAIL AND NOTES.

01 THRUST BLOCKS
SCALE: NONE

04 TAPPING SLEEVE AND VALVE
SCALE: NONE

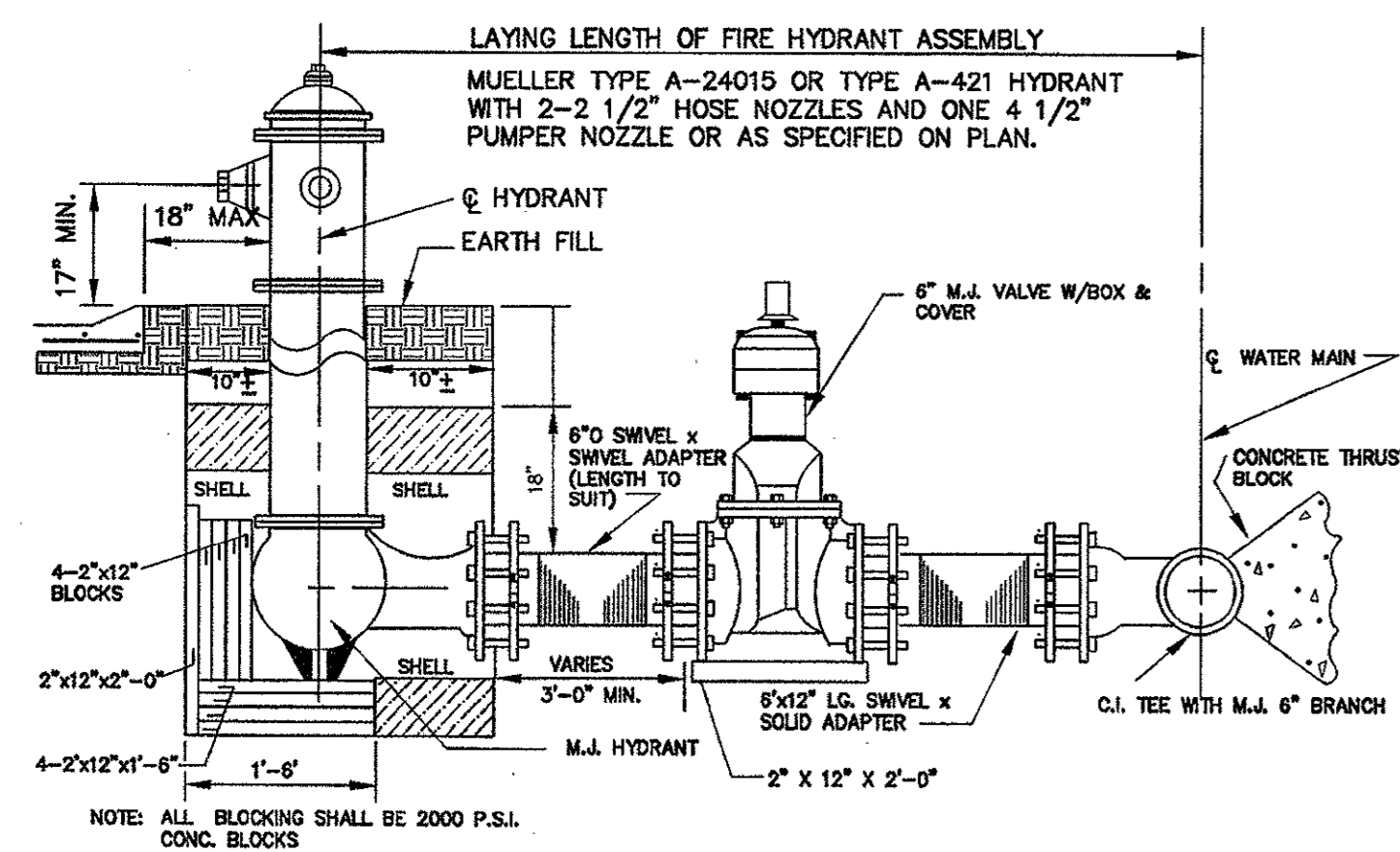


NOTES

1. CENTER AND TOP SECTION SHALL BE OF THE ADJUSTABLE SCREW TYPE.
2. BASE SHALL BE NO. 4 ROUND FOR 4 INCH VALVES; NO. 6 OVAL FOR 6 AND 8 INCH VALVES; AND NO. 16D OVAL FOR 10 TO 16 INCH VALVES. GATE VALVES SHALL HAVE
3. ALL GATE VALVES WILL MEET TOWN OF ADDISON SPECIFICATIONS. CONSULT THE SUPPLEMENTAL SPECIFICATION BOOK FOR A COPY OF THE TOWN'S REQUIREMENTS. IN THE EVENT ADDISON REQUIREMENTS ARE MORE STRINGENT, THE TOWN'S REQUIREMENTS SUPERCEDE THIS DETAIL AND NOTES.

SPECIFICATION #GV-95.1

02 GATE VALVE AND BOX
SCALE: NONE



NOTES

1. FIRE HYDRANTS WILL MEET TOWN OF ADDISON SPECIFICATIONS. CONSULT THE SUPPLEMENTAL SPECIFICATION BOOK FOR A COPY OF THE TOWN'S REQUIREMENTS. IN THE EVENT ADDISON REQUIREMENTS ARE MORE STRINGENT, THE TOWN'S REQUIREMENTS SUPERCEDE THIS DETAIL AND NOTES.

SPECIFICATION #FH-95.1

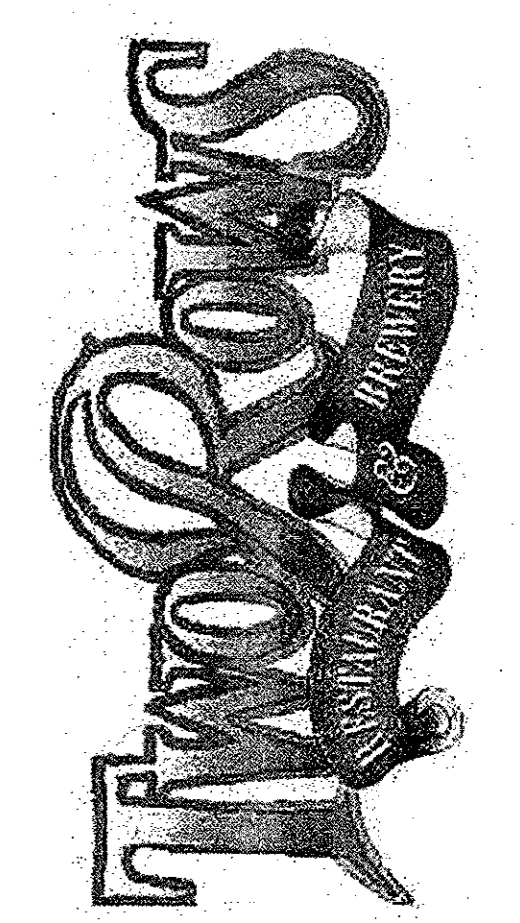
03 FIRE HYDRANT
SCALE: NONE



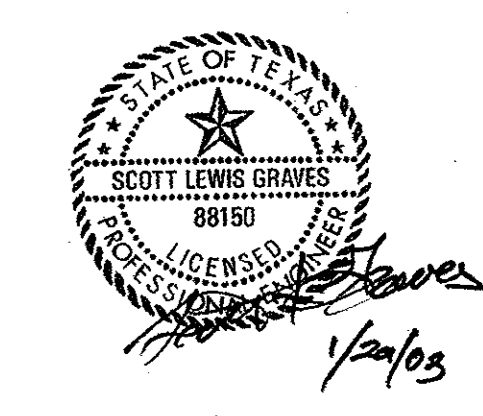
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REVISIONS

NO.	DATE	DESCRIPTION
2	01/24/03 (City)	

PROTOTYPE
STORE NUMBER
WD PROJECT NUMBER
0000.659-00

C4.2 UTILITY DETAILS

TWO ROWS B19-7

SYMBOLS LEGEND

DRAWING TITLE . . . **A1.1-01 FLOOR PLAN**
 SCALE: 1/4" = 1'-0"
 XA1-1 LIBRARY NUMBER
 DRAWING SCALE

SECTION A1.1-01
 SECTION ID. NUMBER
 SHEET WHERE SECTION IS LOCATED

DETAIL A1.1-01
 DETAIL ID. NUMBER
 SHEET WHERE SECTION IS LOCATED
 AREA TO BE ENLARGED

DETAIL (ENLARGED) A1.1-01
 DETAIL ID. NUMBER
 SHEET WHERE SECTION IS LOCATED

ELEVATION A1.1-01
 ELEVATION ID. NUMBER
 SHEET WHERE SECTION IS LOCATED

CEILING HEIGHT 10'-0"
 CEILING HEIGHT ABOVE FINISHED FLOOR

DOOR 1
 DOOR NUMBER DESIGNATION

WINDOW 6
 WINDOW NUMBER DESIGNATION

FINISH MATERIAL P-1
 FINISH DESIGNATION
 TRIM ONLY COMMENTS, IF APPLICABLE

KEYED NOTES 1
 KEYED NOTE DESIGNATION ON APPLICABLE SHEET

REVISIONS 1
 ADDENDUM NUMBER
 REVISED AREA CLOUDED
 ELEVATION HEIGHT

ELEVATION HEIGHT 100'-0"
 REFERENCE POINT

EQUIPMENT 400
 EQUIPMENT NUMBER DESIGNATION

WALL LEGEND
 WOOD FRAMED WALL
 METAL STUD WALL
 MASONRY WALL
 PREFABRICATED COOLER UNIT
 LOW (1/2) WALL (WOOD FRAMED)

OWNER



**17225 DALLAS PARKWAY
 ADDISON, TEXAS**

ARCHITECT/ENGINEER



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Columbus
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Chicago
Miami

DWG. NO. REV. / DATE

T1	TITLE SHEET
CIVIL	
C1.0	EROSION CONTROL PLAN
C1.1	EROSION CONTROL DETAILS
C1.2	TRENCH SAFETY PLAN
C2.0	SITE PLAN
C2.1	SITE DETAILS
C3.0	GRADING PLAN
C3.1	STORM PLAN AND PROFILE
C3.2	STORM PLAN AND PROFILE
C3.3	PAVING PLAN
C3.4	PAVING DETAILS
C4.0	UTILITY PLAN
C4.1	UTILITY DETAILS
C4.2	UTILITY DETAILS

DEVELOPMENT CONTACTS

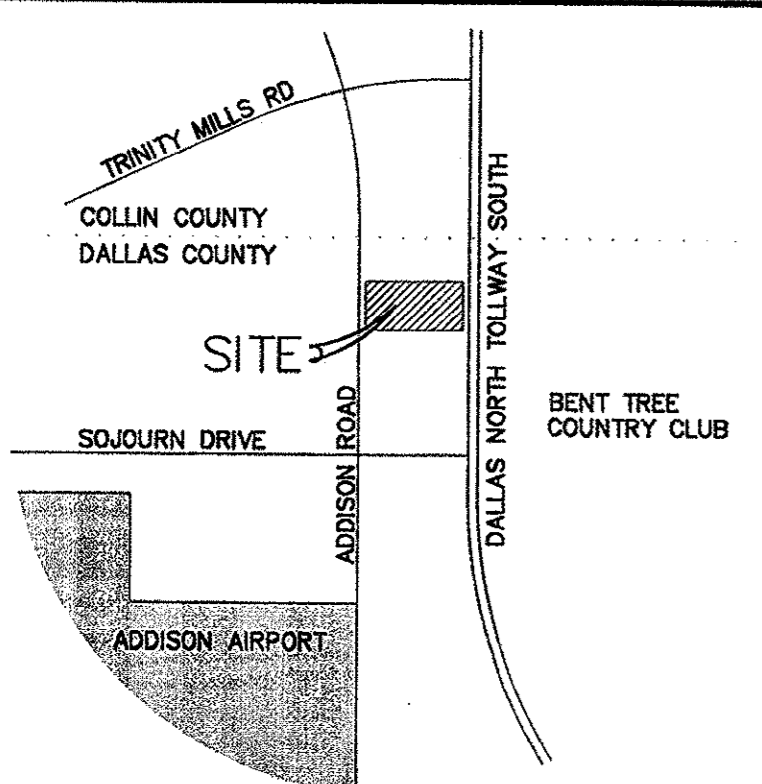
BUILDING: LYNN CHANDLER 16801 WESTGROVE DRIVE ADDISON, TX 75001-9010 (972) 450-2889 email: lchandler@ci.addison.tx.us	PLUMBING: LES FOLSE 16801 WESTGROVE DRIVE ADDISON, TX 75001-9010 (972) 450-2887 email: lfolse@ci.addison.tx.us	HEALTH: NEIL A. GAYDEN, R.S. 16801 WESTGROVE DRIVE ADDISON, TX 75001-9010 (972) 450-2821 email: ngayden@ci.addison.tx.us	NATURAL GAS: TXU ELECTRIC & GAS -- -- (972) 888-1330
ELECTRICAL: BRUCE ELLIS 16801 WESTGROVE DRIVE ADDISON, TX 75001-9010 (972) 450-2888 email: bellis@ci.addison.tx.us	WATER: STEVE CHUTCHIAN 16801 WESTGROVE DRIVE ADDISON, TX 75001-9010 (972) 450-2886 email: schutchian@ci.addison.tx.us	FIRE: GORDON C. ROBBINS 4798 AIRPORT PARKWAY ADDISON, TX 75001 (972) 450-7220 email: grobbins@ci.addison.tx.us	MECHANICAL: BRUCE ELLIS 16801 WESTGROVE DRIVE ADDISON, TX 75001-9010 (972) 450-2888 email: bellis@ci.addison.tx.us

CODE INFORMATION

Building Area	10,120 S.F.
Service Yard Area	195 S.F.
Building Height:	126'-0"
Construction Type:	5B
Building Code:	2000 IBC
Use Group:	A2
Building Occupant Load:	296 Incl 20 Employees per shift
Sprinkler System:	Fully Sprinkled
Restroom Fixtures Provided:	Men Women
Water Closet	2 4
Urinal	2 0
Lavatory	2 2

GENERAL PROJECT NOTES

SITE VICINITY MAP



CONSTRUCTION SET
 ISSUED BY
 TOWN OF ADDISON
 PUBLIC WORKS DEPARTMENT
 NAME: Steve Chutchian DATE: 2/1/23

ISSUE DATES

Special Use Permit	09.30.02
Bldg/ MEP/ Health/ Fire	12.13.02
TDLR Reviewed	12.30.02
Civil Submittal	01.29.03
Construction	00.00.00

STORE NUMBER
 WD PROJECT NUMBER
000.659-00

T1

17225 DALLAS PARKWAY ADDISON, TX 000.659-00
 TWO ROWS RESTAURANT & BREWERY
 TWO ROWS B19-7