



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

CONSTRUCTION PLANS
FOR
TINGLEY PARK

RECONSTRUCTION

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DESCRIPTION

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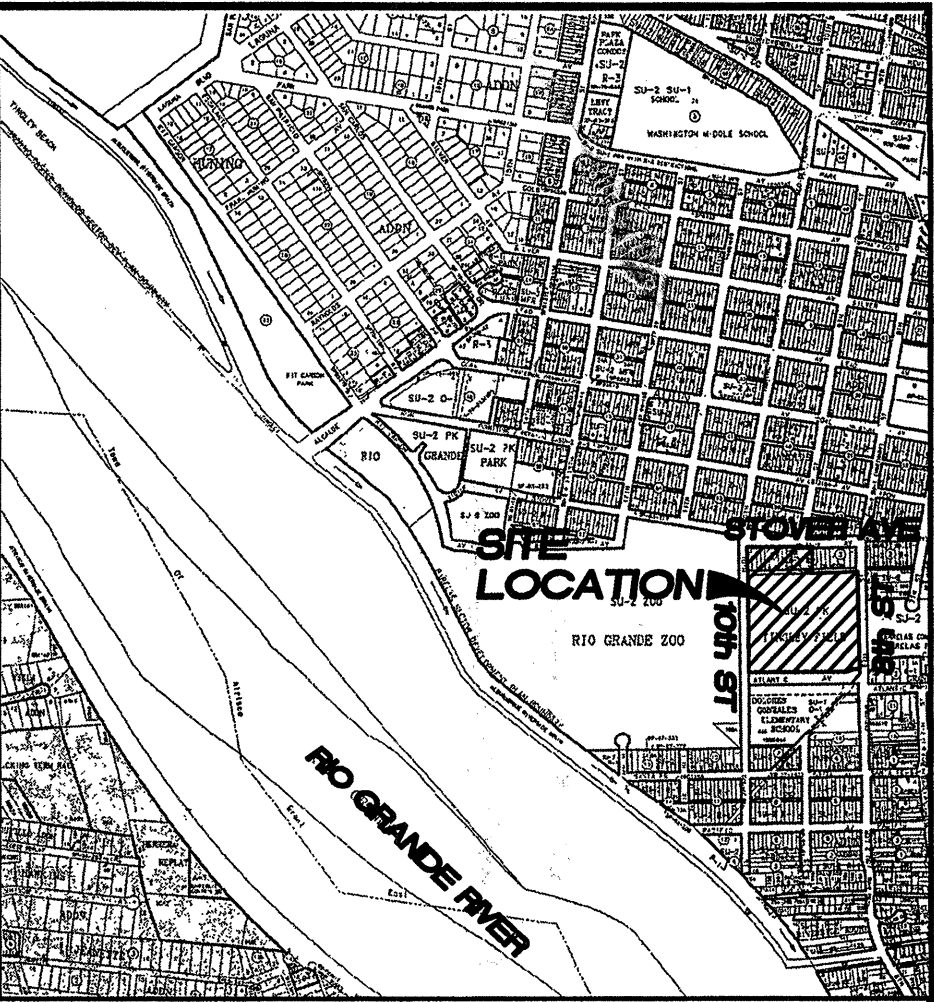
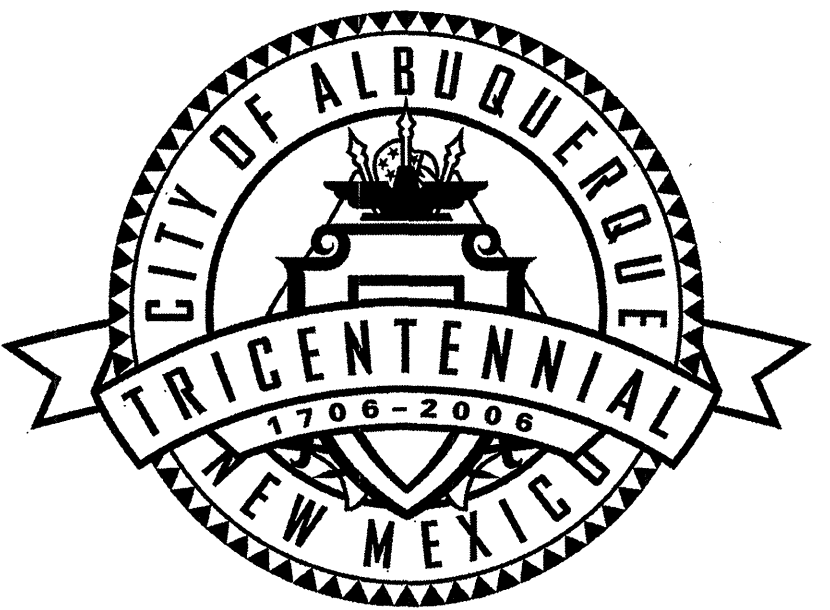
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NOTES

ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION, AS AMENDED THROUGH UPDATE 7 INCLUDING AMENDMENT 1.

TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALLS SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.

FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS UPDATE NO 7.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

THE CONTRACTOR SHALL COORDINATE THE EXECUTION OF THE WATER VALVE SHUT-OFF PLAN WITH THE WATER SYSTEMS DIVISION (857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER UTILITIES.

ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

ELECTRONIC MARKER DISKS (EMD) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE 7.

PRIVATE STREETS REQUIRE STREET NAME SIGNS, STOP SIGS, AND ANY NECESSARY STRIPING (DEVELOPER'S RESPONSIBILITY)

THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.

PERMANENT PAVEMENT STRIPING AND MARKINGS WILL BE PLACED BY THE CONTRACTOR. THE ROAD SHALL NOT BE OPENED TO THE TRAFFIC UNTIL IT IS STRIPED. ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO LOCATION AS EXISTING, OR AS INDICATED BY THIS PLAN SET.

CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY.

ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR(24) HOUR CONSTRUCTION.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED:

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☒ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE. RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF CONSTRUCTION.

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REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER	DATE	*****	
		DRC Chairman				APPROVED FOR CONSTRUCTION	
		Transportation					
		Water/Wastewater					
		Hydrology					
		Parks					
		Constr. Mngmt.				City Engineer Date	
		Constr. Coord.					
City Project No.				7963.03		Sheet Of G-001	

2007 Tingley Park Reconstrucion Plans/ set

GENERAL NOTES:

1. THE CONTRACTOR SHALL NOTIFY THE ALBUQUERQUE TRAFFIC ENGINEERING DIVISION THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK REQUIRED REGARDING ALL EXISTING REGULATORY SIGNS AND SIGNALS THAT NEED TO BE REMOVED, RELOCATED, OR REINSTALLED. CALL 857-8680. REFER TO SECTION 18.4.4 OF THE SPECIFICATIONS.
2. THE CONTRACTOR WILL BE REQUIRED TO CONFINED HIS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR R.O.W. TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS OR DESIGNATED TRAFFIC LANES.
3. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELING PEDESTRIAN TRAFFIC AROUND ALL WORK AREAS THROUGHOUT THE CONSTRUCTION PERIOD.
4. A DISPOSAL SITE, COMPLYING WITH ALL CITY ORDINANCES, SHALL BE OBTAINED BY THE CONTRACTOR FOR THE DISPOSAL OF ALL EXCESS EXCAVATION MATERIAL, ASPHALTIC PAVEMENT (EXCEPT MILLED BITUMINOUS CONCRETE PAVEMENT) AND OTHER WASTE MATERIALS. THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE OF THE LOCATION OF THE DISPOSAL SITE PRIOR TO THE REMOVAL AND ACTUAL DISPOSAL OF THE MATERIAL. ALL COSTS IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO DIRECT PAYMENT WILL BE MADE THEREFOR.
5. CONTRACTOR TO CAREFULLY FIELD REVIEW SITE TO ASSESS EXTENT OF TRASH REMOVAL. TRASH REMOVAL SHALL BE INCLUDED IN BID ITEM "CLEARING & GRUBBING".
6. ALL VALLEY GUTTERS ARE 6' WIDE UNLESS OTHERWISE NOTED.
7. UNLESS OTHERWISE SHOWN, ALL DIMENSIONS ARE TO FACE OF CURB, INCLUDING RADII OF CURB RETURNS.
8. ALL FINISHED GRADES AND PROFILES SHOWN ARE FLOWLINE GRADES, UNLESS OTHERWISE NOTED.
9. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED PER STD DWG 2415 BY THE CONTRACTOR AT HIS EXPENSE.
10. WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, REMOVE TO NEAREST JOINT.
11. WHEN ABUTTING NEW PAVEMENT TO EXISTING PAVEMENT, SAW CUT EXISTING PAVEMENT IN A STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT. PRIOR TO LAYING NEW PAVEMENT, THE EXPOSED EXISTING ASPHALT EDGE SHALL BE TACK-COATED.
12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED AT ALL CURB RETURNS CONSTRUCTED WITH THIS PROJECT AT THE LOCATIONS SHOWN ON PLANS, IN ACCORDANCE WITH THE CITY STANDARD DETAILS.
13. ALL WHEELCHAIR RAMP APPROACH SLOPES SHOWN ON STD DWG 2441 SHALL BE INCREASED IN LENGTH TO MAINTAIN 12:1 MAX SLOPE WHEN GRADE IS RISING FROM RAMP. SEE TABLE BELOW.

RIISING GRADE	RAMP LENGTH
0%	8.1'
0-1%	9.2'
1-2%	10.6'
2-3%	12.6'
3-4%	15.5'

14. CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UTILITIES. IT SHALL BE HIS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION THAT MIGHT RESULT FROM PROJECT CONSTRUCTION. IT SHALL BE HIS RESPONSIBILITY TO PROTECT AND PRESERVE UTILITY EQUIPMENT AFFECTED BY PROJECT CONSTRUCTION. SHOULD HE BREAK AN EXISTING UTILITY LINE DURING CONSTRUCTION ACTIVITIES HE SHALL BE RESPONSIBLE FOR UTILITY REPAIR COSTS.
15. ALL EXISTING UTILITIES SHOWN HEREIN WERE TAKEN FROM RECORD DRAWINGS, POTHOLE, FIELD SURVEYS, C.O.A. SYSTEMS UTILITIES MAPS AND INFORMATION PROVIDED BY THE UTILITY OWNERS AND ARE APPROXIMATE. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THEIR HORIZONTAL AND VERTICAL LOCATIONS AND PROVIDE PROTECTION FOR ALL UTILITIES WITHIN THE CONSTRUCTION AREA.
16. CONTRACTOR SHALL FIELD VERIFY LOCATION AND TYPE OF EXISTING UTILITIES TO BE ADJUSTED OR EXTENDED.
17. MANHOLE RIM ELEVATIONS SHOWN ON THESE PLANS ARE APPROXIMATE AND WILL VARY WITH THE FINISHED PAVEMENT ELEVATIONS.
18. CONTRACTOR TO VERIFY ALL EXISTING FIRE HYDRANT FLANGES, PADS, VALVE BOXES, MANHOLE RIMS AND TOP OF PIPE ELEVATIONS IN THE FIELD. ELEVATIONS SHALL BE ADJUSTED TO COMPLY WITH THE REQUIREMENTS OF STANDARD CITY DETAILS.

19. ELEVATIONS FOR PROPOSED WATERLINE CONNECTIONS TO EXISTING WATERLINES SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD.
20. ALL WATER VALVE BOXES AND SEWER MANHOLES IN THE CONSTRUCTION AREA ARE TO BE ADJUSTED TO FINISH GRADE UNDER THIS CONTRACT, AND WILL BE PAID FOR AT CONTRACT UNIT PRICES.
21. THE CONTRACTOR SHALL NOTIFY THE LOCAL FIRE DEPARTMENT AT LEAST TWO (2) WORKING DAYS IN ADVANCE OF WHEN FIRE HYDRANTS WILL BE TAKEN OUT OF SERVICE AND RETURNED TO SERVICE.
22. ALL WATER SERVICES LISTED AS "DOUBLE" REFER TO DOUBLE METER BOX. A SEPARATE SERVICE LINE TO EACH METER IS REQUIRED. REFERENCE C.O.A. STD. DRAWINGS 2361, 2362.
23. ALL EXISTING GAS VALVE BOXES, GAS MANHOLES, ELECTRICAL MANHOLES, AND TELEPHONE MANHOLES WILL BE ADJUSTED TO GRADE BY OTHERS.
24. WHERE PULL BOXES ABUT BACK OF CURB OR ARE LOCATED IN A CONCRETE PAVED AREA, PROVIDE 3/4" EXPANSION MATERIAL AROUND THE PULL BOX. ALL PULL BOXES TO BE FLUSH WITH SURFACE OF CONCRETE.
25. THE CONTRACTOR SHALL MEET ALL THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) AS WELL AS LOCAL REGULATIONS.
26. THE CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY ENTITIES AS NEEDED FOR RELOCATION AND INSTALLATION OF PRIVATE UTILITIES. ENGINEER HAS NOTIFIED THE PRIVATE UTILITIES OF THIS PROJECT.
27. TEMPORARY EROSION FENCING (OR PERMANENT WALLS OR FENCING) SHALL BE USED TO PROTECT EXISTING RESIDENTIAL PROPERTY, STREETS LANDSCAPING AND THE DRAINAGE SYSTEMS FROM THE DEPOSITION OF ERODED MATERIAL.
28. CONSTRUCTION AREA SHALL BE CONTROLLED TO PREVENT TRESPASS USE BY 4WD'S, ORV'S AND MOTORCYCLES TO MINIMIZE NOISE, DUST, DESTRUCTION OF VEGETATION, WIND AND WATER EROSION.
29. PROPOSED WATERLINE INSTALLATION SHALL HAVE RESTRAINED JOINTS AT ALL WATERLINE VALVES, TEES, CROSSES, BENDS, AND FIRE HYDRANTS, UNLESS OTHERWISE NOTED. SEE "THRUST RESTRAINT REQUIREMENTS" BELOW.

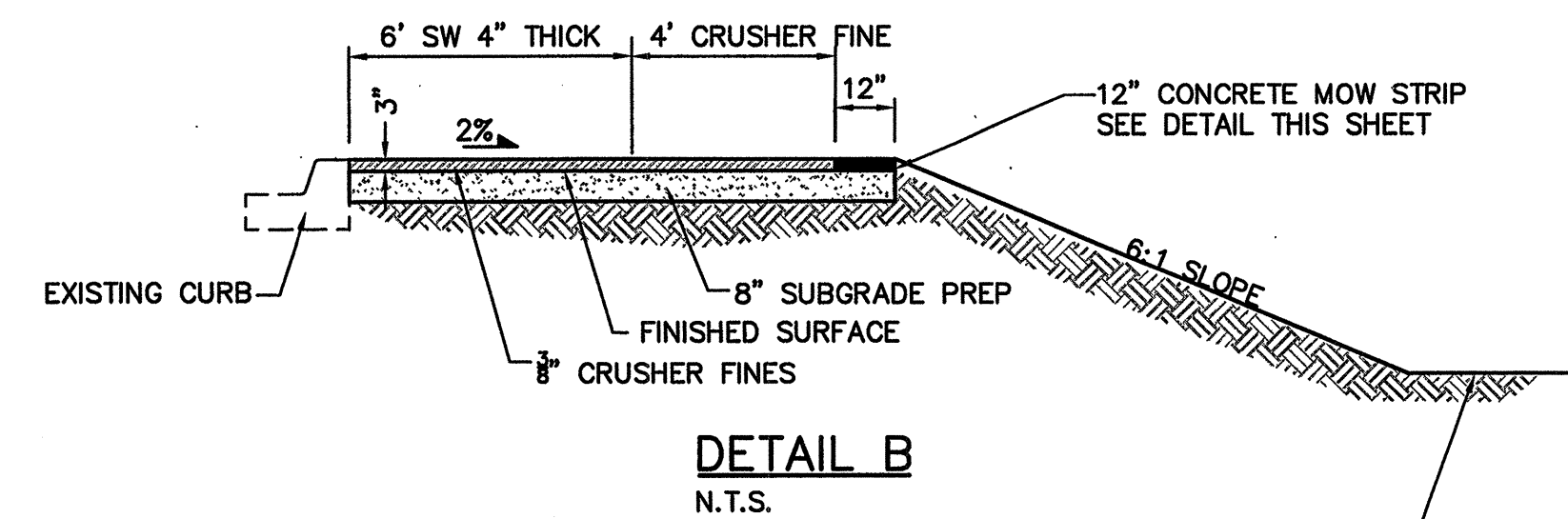
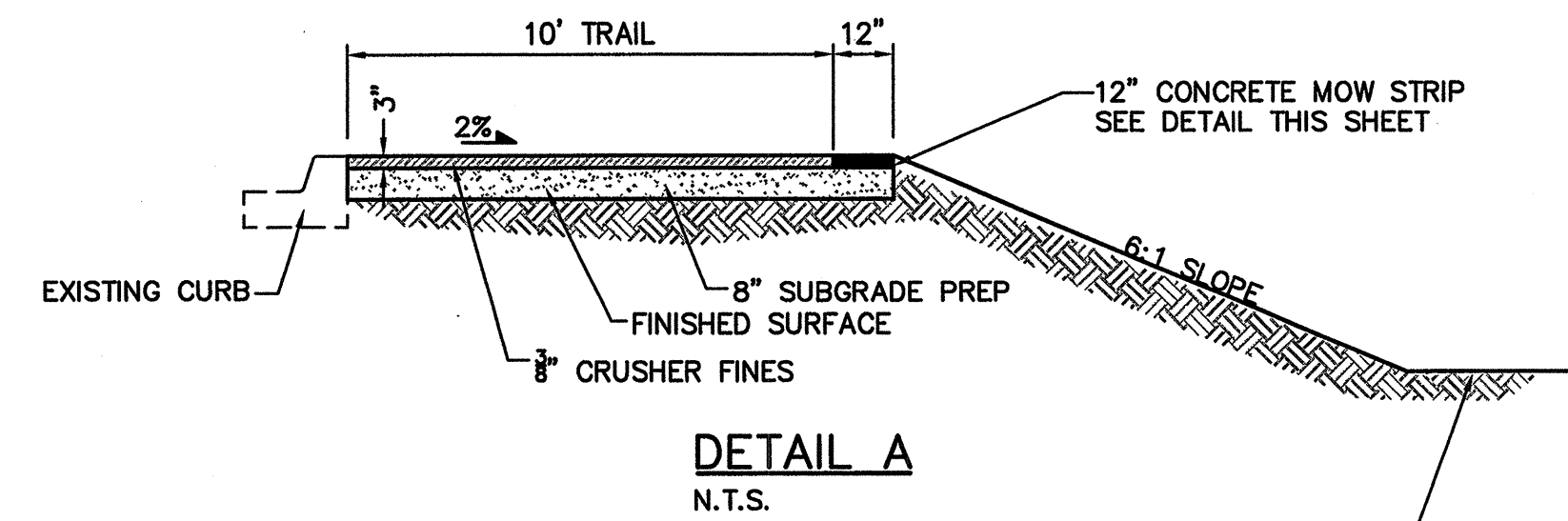
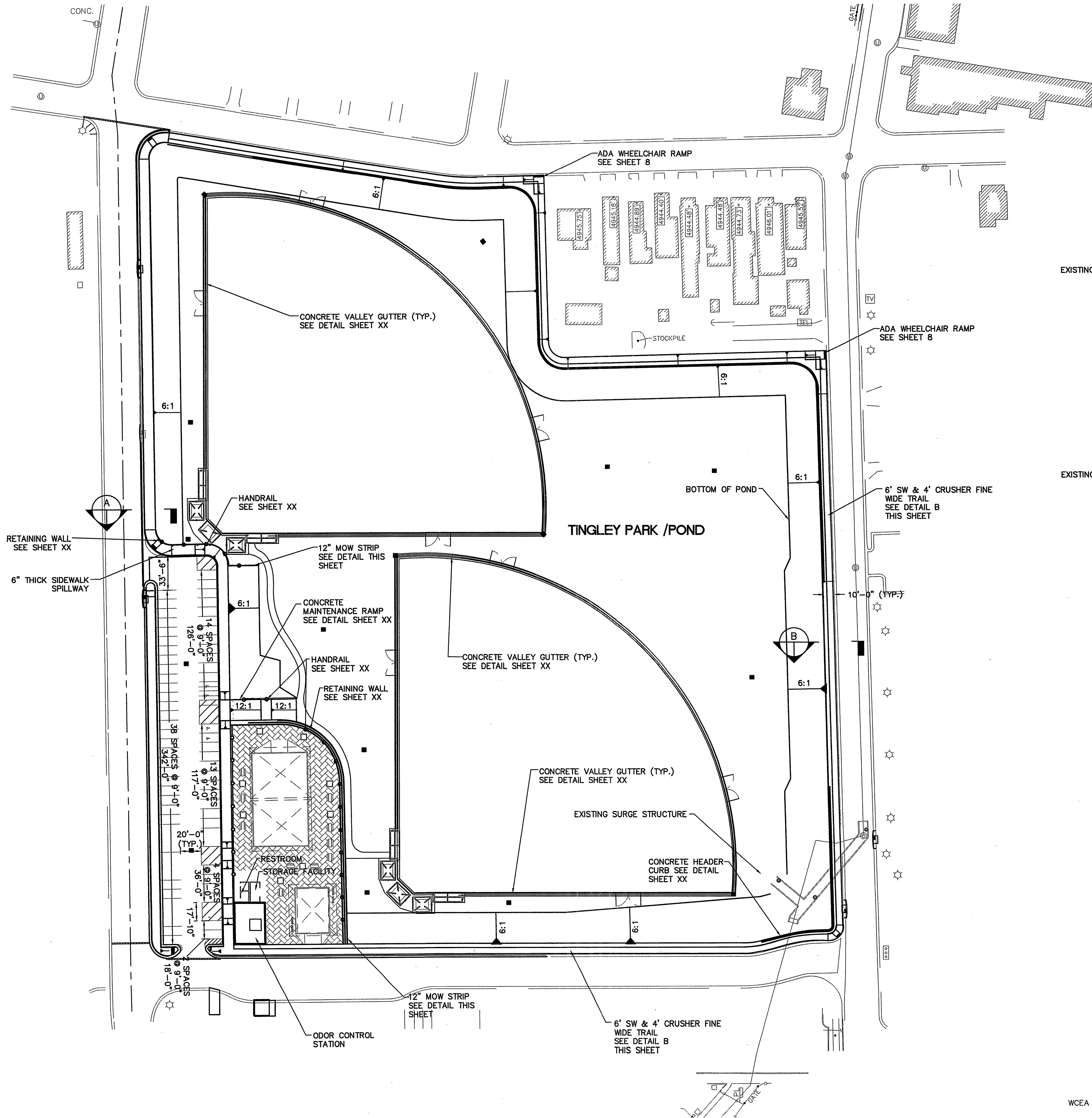
UTILITY CONTACTS

COMPANY	PHONE	MOBILE	CONTACT
CITY of ALBUQUERQUE	768-2729		NANCY MUSINSKI
PNM - ELECTRIC	241-3398		ART CHAVEZ
PNM - GAS	241-7771		JOE DUNLOP
QWEST	245-6374		ROSA KNIFFIN
COMCAST	761-6221		ROBERT MARTINEZ

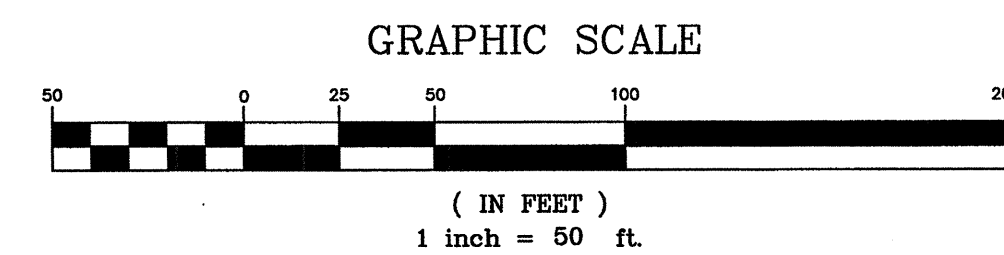
- LEGEND
- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- FENCE
- BUILDING
- LIGHT POLE
- UTILITY POLES
- GUY WIRE
- TREE
- TREE
- TREE
- TREE & BRUSH LINE
- MANHOLE
- FIRE HYDRANT
- VAULT
- BLOW-OFF VALVE
- WATER VALVE
- WATER METER
- FIRE HYDRANT
- SPRINKLER CONTROL BOX
- ELECTRICAL, PULL BOX
- ELECTRICAL, JUNCTION BOX
- UTILITY, SANITARY MANHOLE
- UTILITY, STORM DRAINAGE MANHOLE
- UTILITY, UNKNOWN MANHOLE
- TV PEDESTAL
- TELEPHONE PEDESTAL
- PROPERTY CORNER, EXISTING
- TRAFFIC SIGNAL
- WATER LINE, UNDERGROUND
- GAS LINE, UNDERGROUND
- TELEVISION LINE, UNDERGROUND
- ELECTRIC LINE, UNDERGROUND
- AREA OF DEMOLITION
- PROPOSED CONCRETE
- PROPOSED ASPHALT
- PROPOSED SEAL COAT
- PROPOSED RETAINING WALL
- PROPOSED RIDGE LINE

WILSON & COMPANY 4900 LANG AVE N.E. SUITE 100 ALBUQUERQUE, NEW MEXICO 87109 (505) 348-4000 FAX (505) 348-4072 www.wilsonco.com	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
	TINGLEY PARK RECONSTRUCTION GENERAL NOTES	
TERRA CREATAS Landscape Architecture 4508 Brand St N.E., Albuquerque, NM 87109 505.881.3062	Design Review Committee	City Engineer Approval
	City Project No. 7963.03	Zone Map No. K-13
Last Design Update		Mo./Day/Yr.
REVISIONS		Mo./Day/Yr.
NO. DATE		Mo./Day/Yr.
WILSON & COMPANY, ENGINEERS & ARCHITECTS		DATE MAR 07
DESIGNED BY TJA		DATE MAR 07
DRAWN BY STAFF		DATE MAR 07
CHECKED BY MJJ		DATE MAR 07

WCEA #0660012300
MARCH 2007



CONCRETE MOW STRIP DETAIL
N.T.S.



WCEA #0660012300
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TINGLEY PARK RECONSTRUCTION SITE PLAN

Design Review Committee

City Engineer Approval

Last Design Update

Mo./Day/Yr.

Mo./Day/Yr.

City Project No.
7963.03

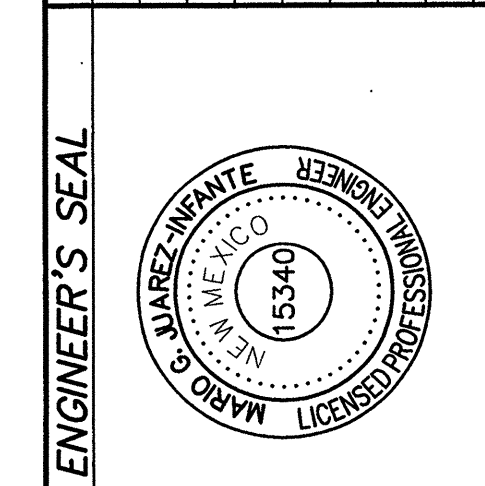
Zone Map No.
K-13

Sheet **C-101** of

AS-BUILT INFORMATION	
CONTRACTOR	DATE
INSPECTOR'S SIGNATURE	DATE
INSPECTOR'S NAME	DATE
FIELD VERIFICATION BY	DATE
FIELD VERIFICATION BY	DATE
FIELD VERIFICATION BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	DATE

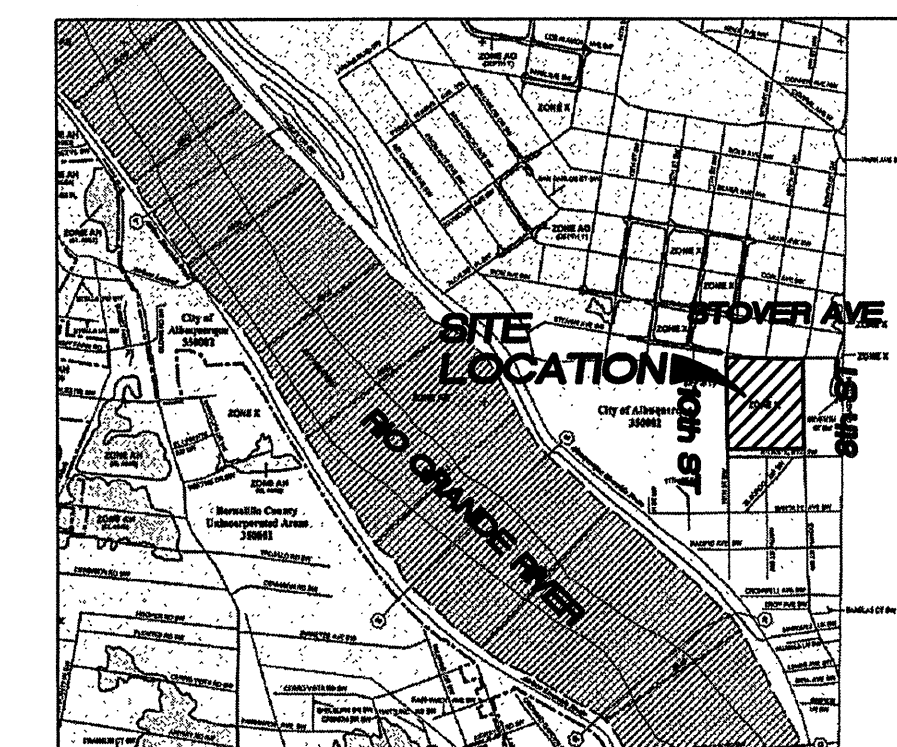
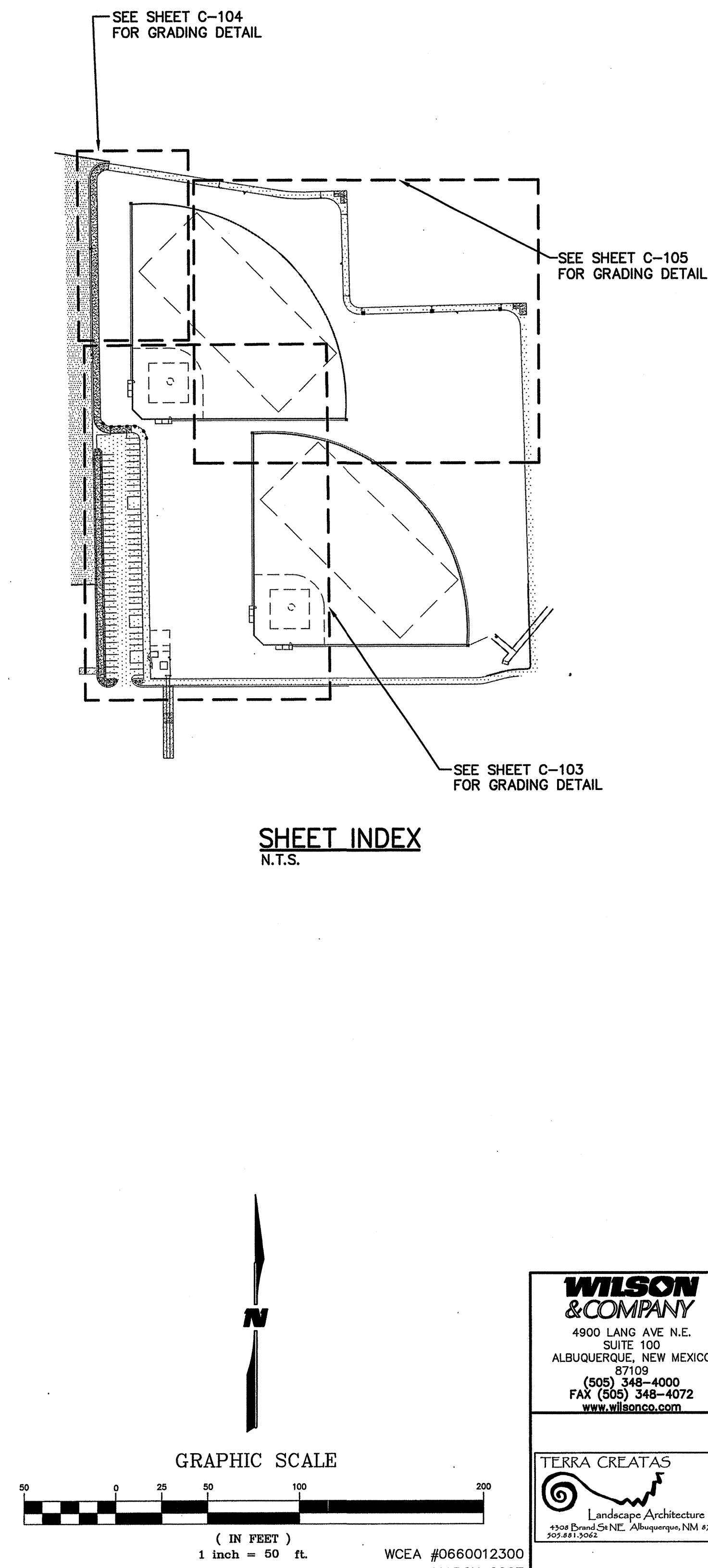
BENCH MARKS	
STD. ACS BRASS TABLET STAMPED "1-K13"	DATE
SET IN TOP OF A CONCRETE POST, APPROX. 0.2 FT BELOW TURE. THE STATION IS THEN 0.7 FT WEST OF THE WEST CURB ON EIGHTH STREET, AND IS APPROX. 225' SOUTH OF STOVER AVE.	DATE
ELEVATION = 4944.03 FT.	DATE

SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	DATE



REVISIONS	
NO.	DATE
DATE	DATE
DATE	DATE
DATE	DATE

DESIGNED BY TJA	DATE MAR 07
DRAWN BY STAFF	DATE MAR 07
CHECKED BY MJJ	DATE MAR 07

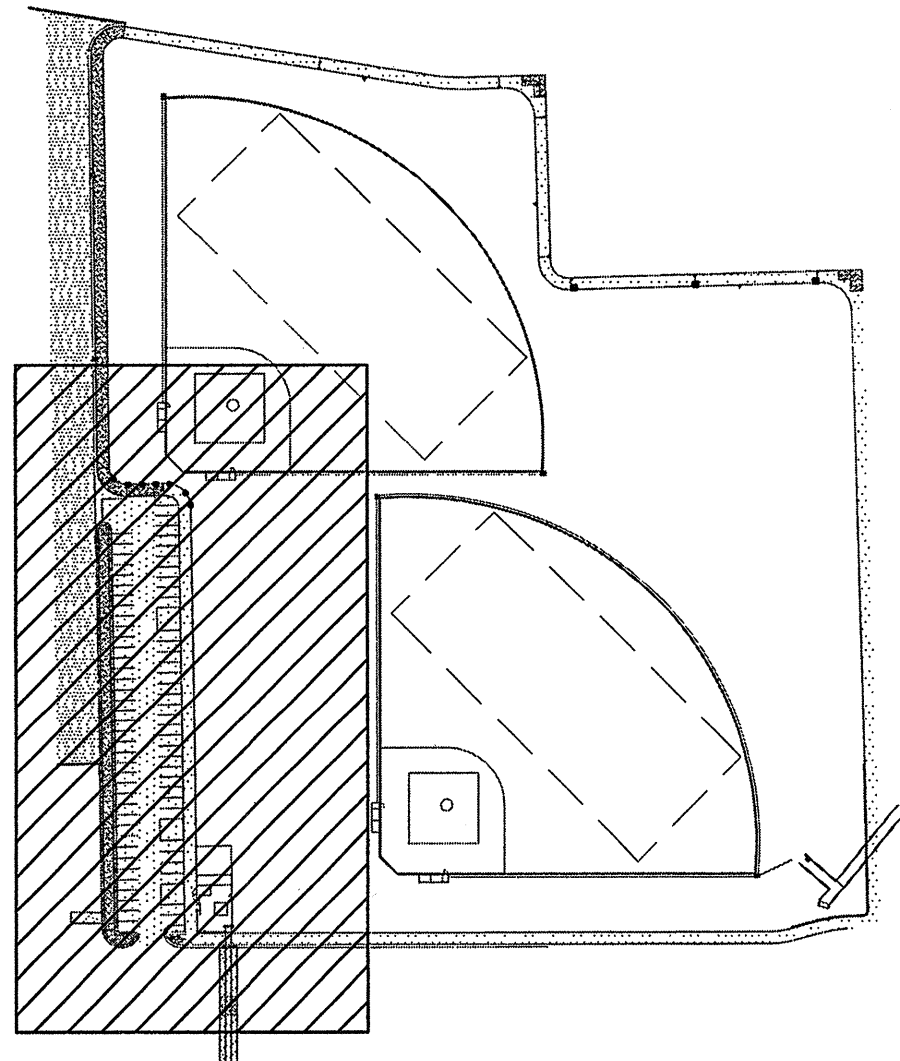


FLOOD INSURANCE MAP
REFERENCE: FLOOD INSURANCE STUDY
PANEL 35001C0333E

LEGAL DESCRIPTION
032 HUNNING CASTLE ADDITION

[illegible]

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GRAPHIC SCALE

(IN FEET)

1 inch = 20 ft.

A horizontal scale bar with alternating black and white segments. The segments are labeled with numbers: 20, 0, 10, 20, 40, and 80. The bar is divided into four equal sections, each representing 20 feet. The first section (0-20) has four black segments, the second (20-40) has four white segments, the third (40-60) has four black segments, and the fourth (60-80) has four white segments.

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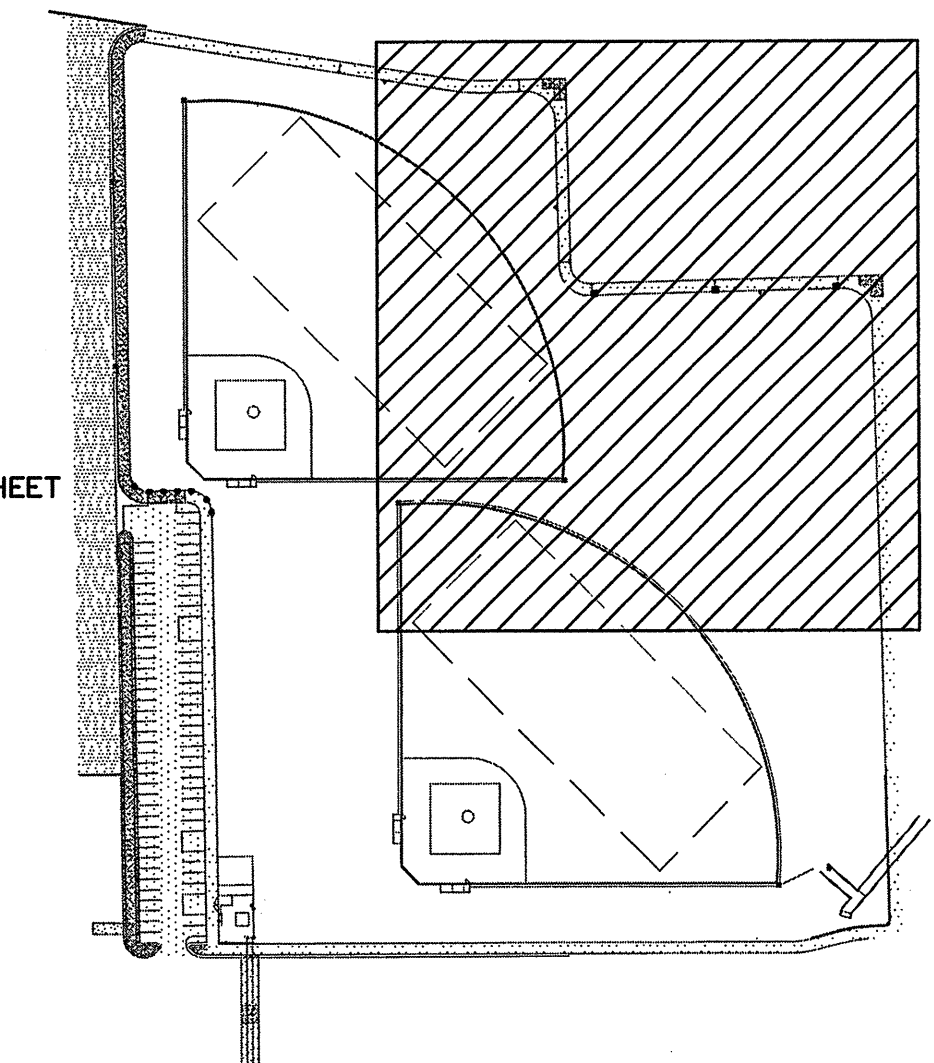
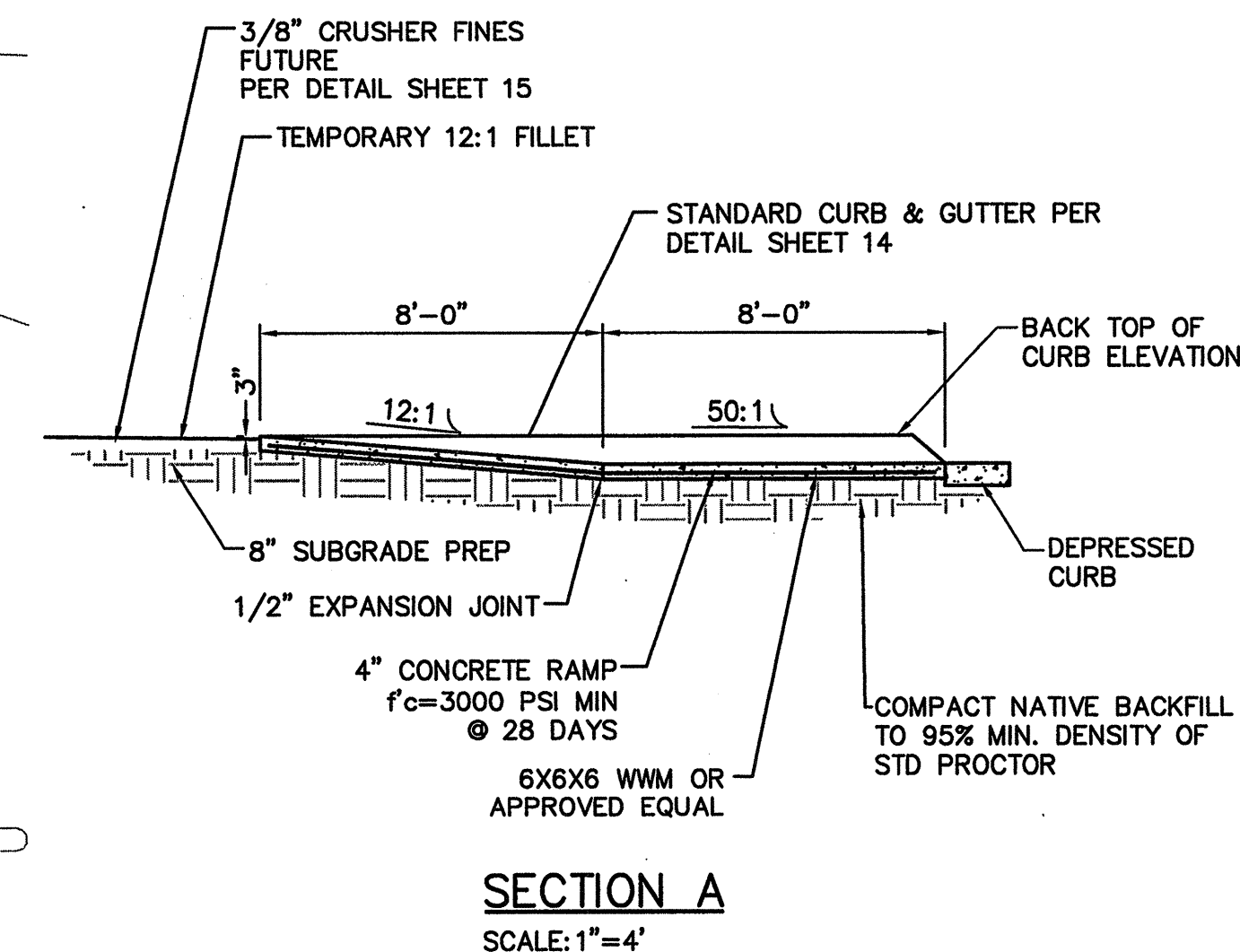
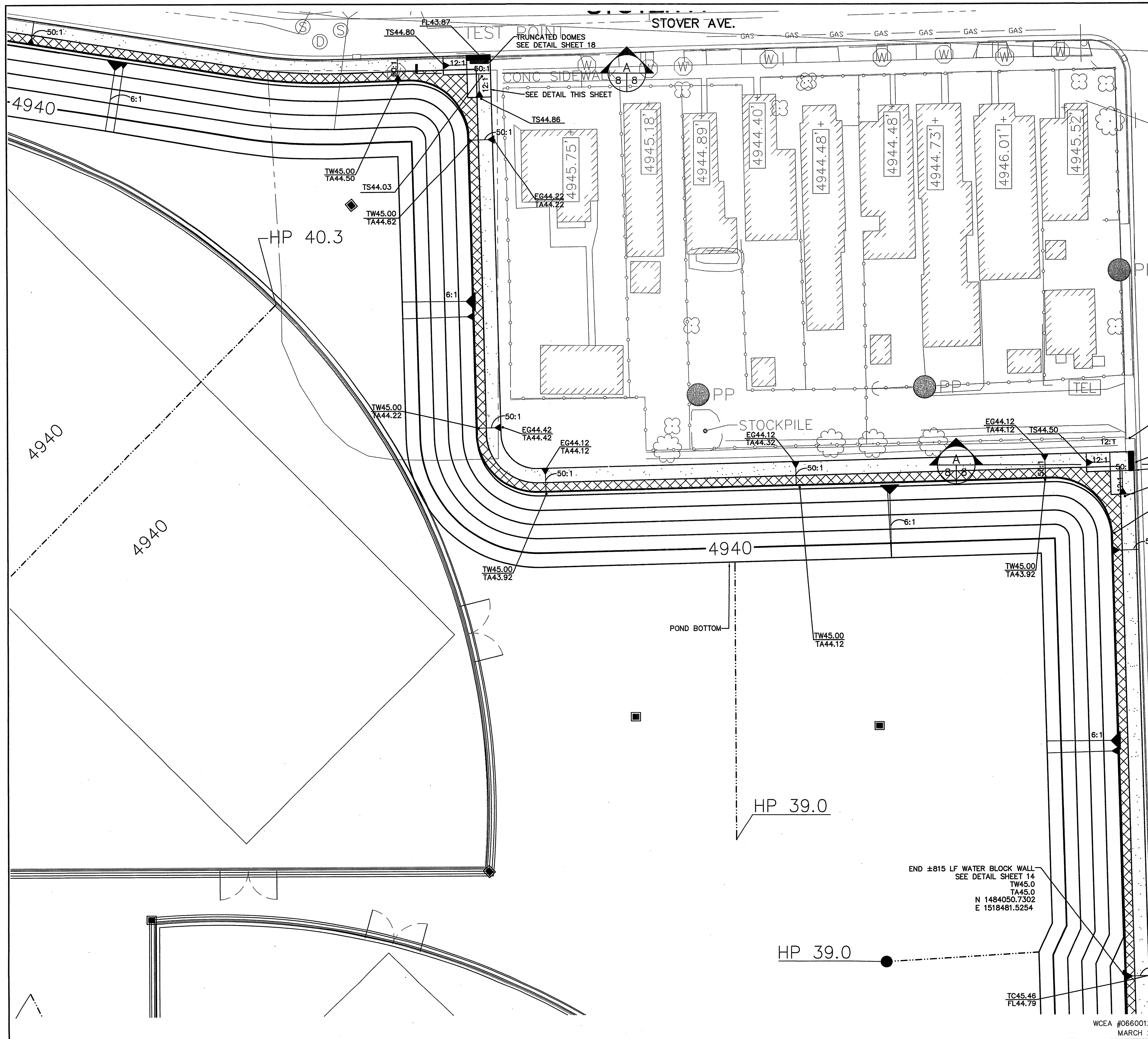
TERRA CREATAS



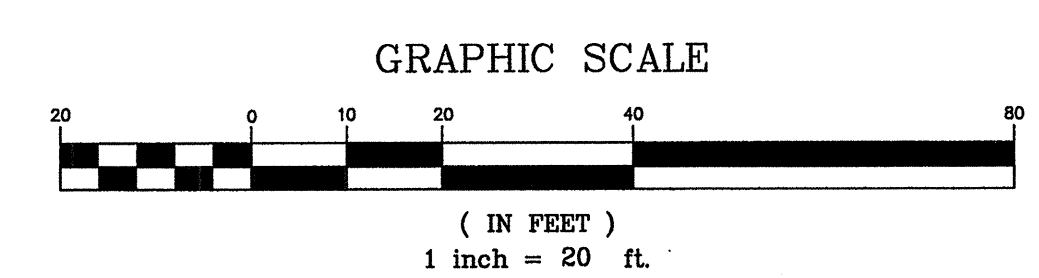
Landscape Architecture

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	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP												
TINGLEY PARK RECONSTRUCTION GRADING PLAN DETAIL 01													
Design Review Committee	City Engineer Approval	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="5" style="width: 5%; text-align: center; vertical-align: middle;">Last Design Update</td> <td style="width: 35%;">Mo./Day/Yr.</td> <td style="width: 60%;">Mo./Day/Yr.</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.								
Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.											
City Project No. 7963.03	Zone Map No. K-13	Sheet C-103 Of											

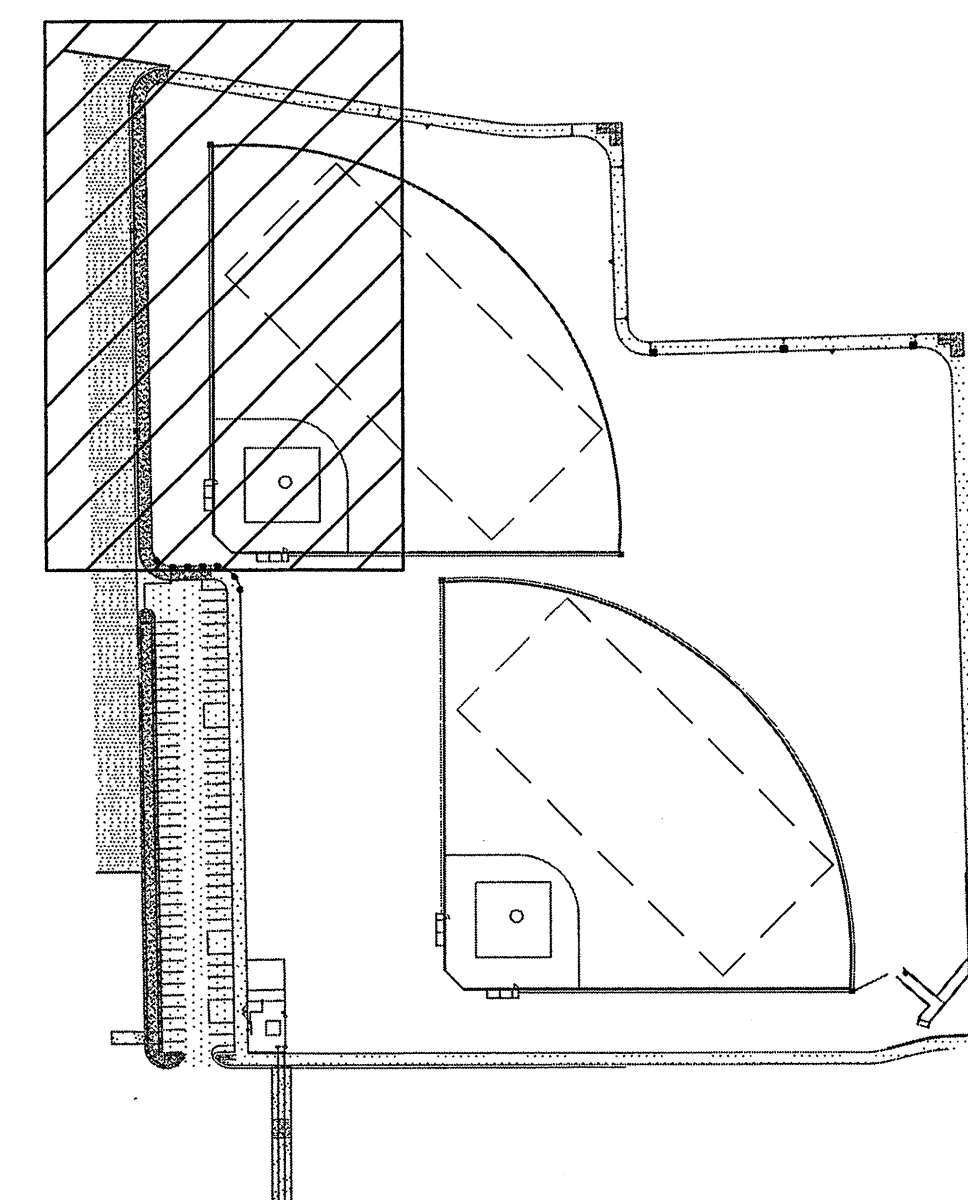


NOTES:
1 FOR ALL INLET INFORMATION SEE SHEET 16

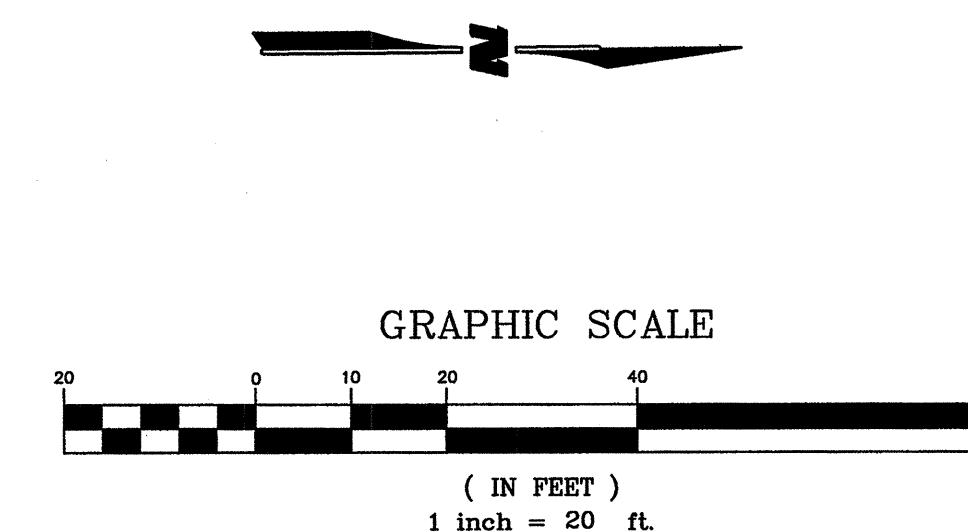


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Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
Terra Creatas Landscape Architecture 4109 Brand St N.E., Albuquerque, NM 87109 505.881.3062	City Project No. 7963.03	Zone Map No. K-13	Sheet C-104

AS-BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL				REVISIONS			
CONTRACTOR	DATE	INSPECTOR'S	DATE	STANDARD	DATE	FIELD	DATE	NO.	BY	DATE	NO.	DATE	DATE	DATE	DATE	NO.	DATE	DATE	DATE
SET IN TOP OF A CONCRETE POST, APPROX. 0.2 FT BELOW TURE. THE STATION IS THEN 0.7 FT WEST OF THE WEST CURB ON EIGHTH STREET, AND IS APPROX. 225' SOUTH OF STOVER AVE.																			
ELEVATION = 4944.03 FT.																			

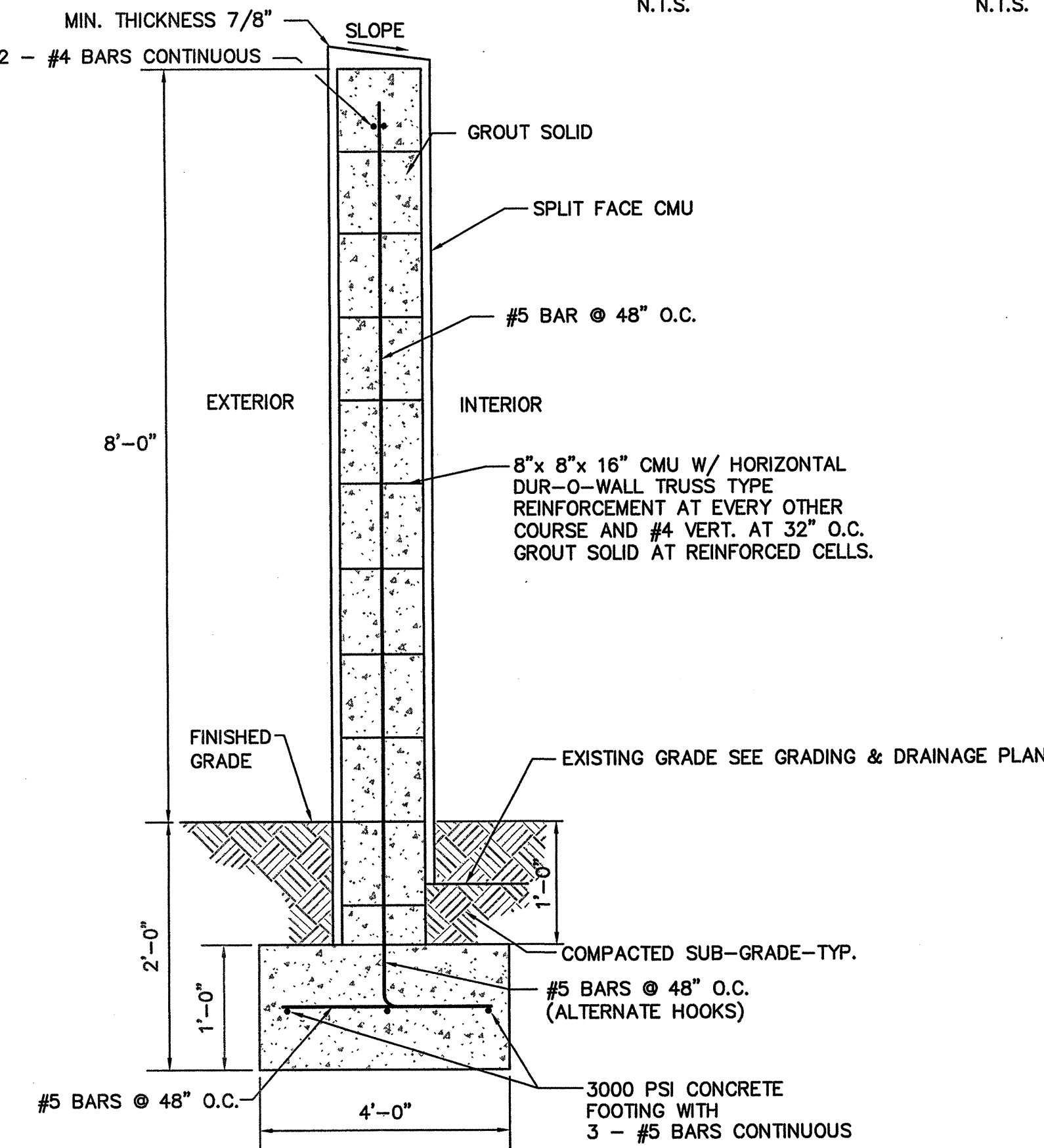
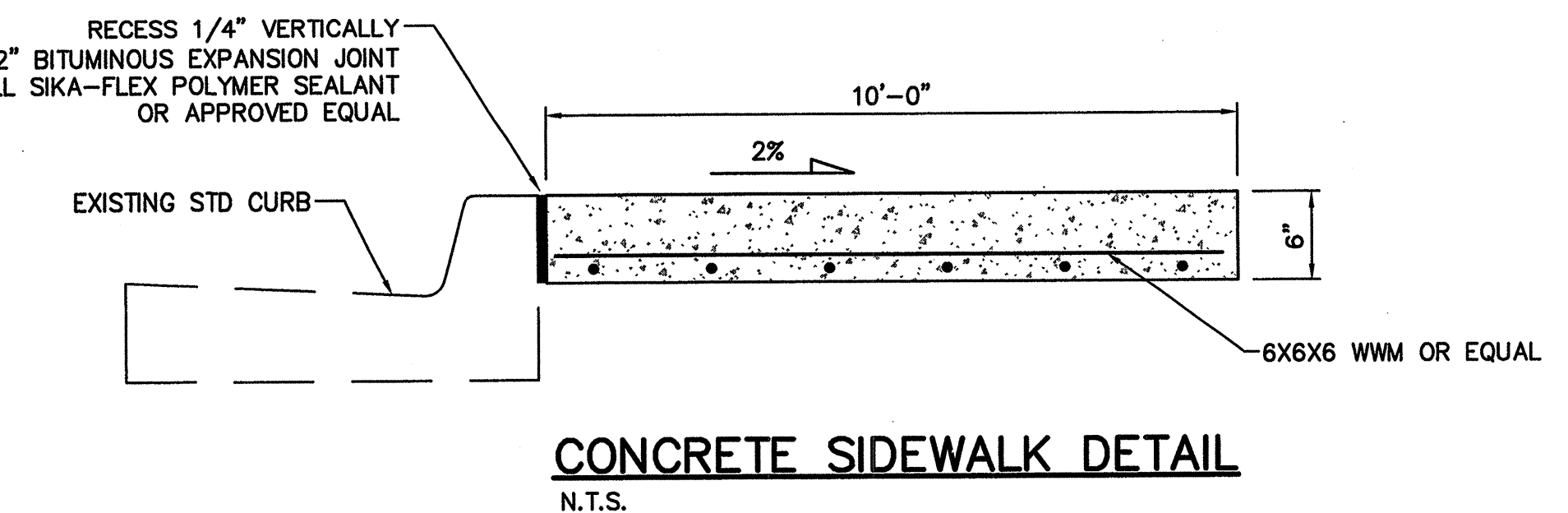
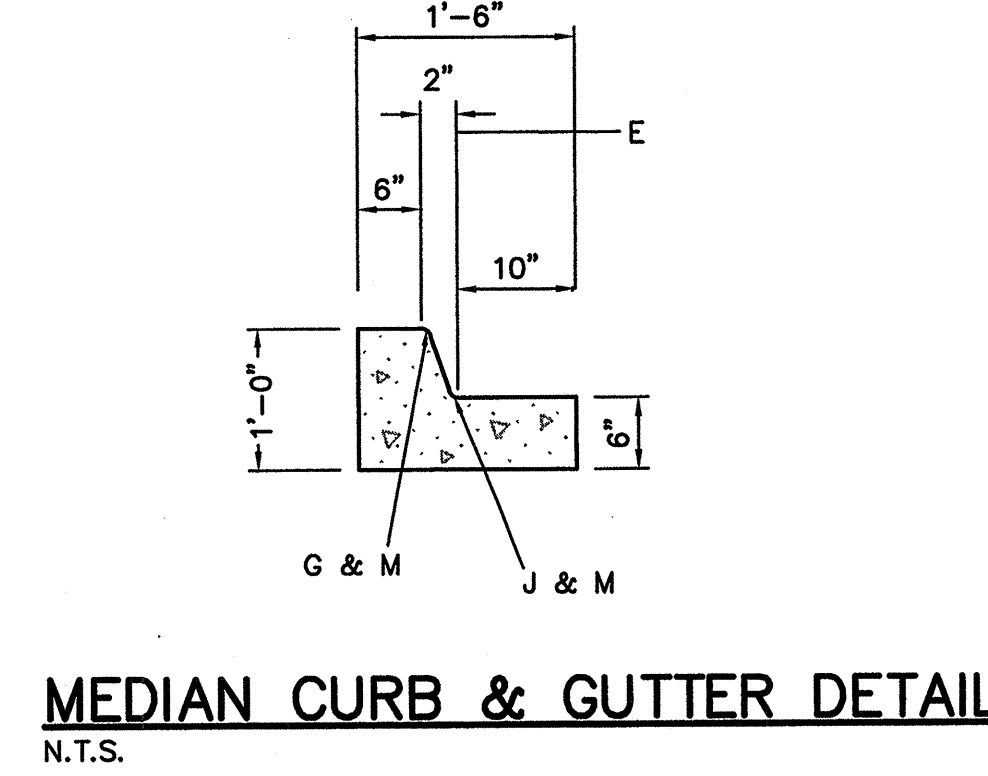
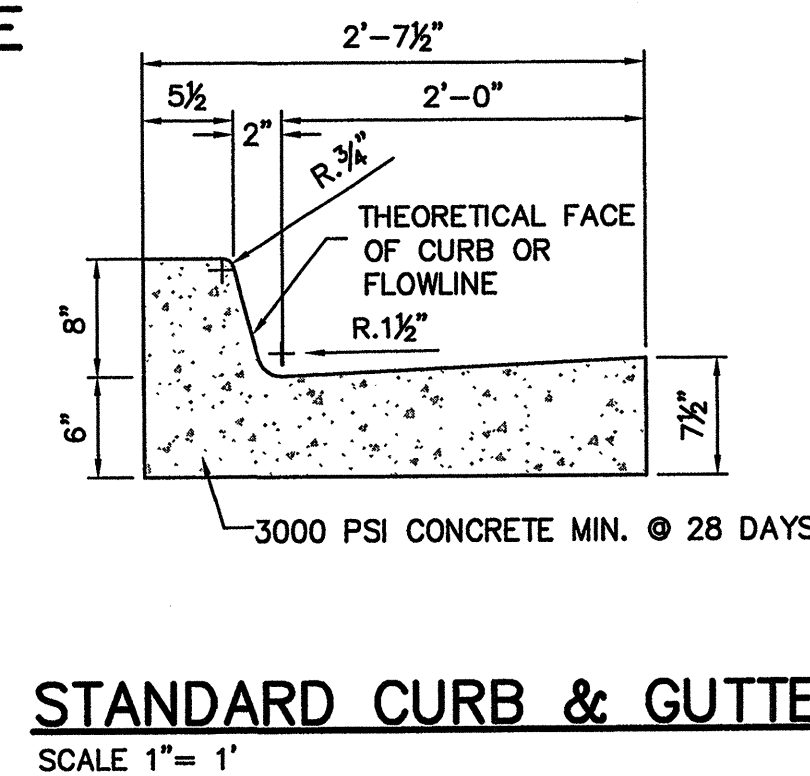
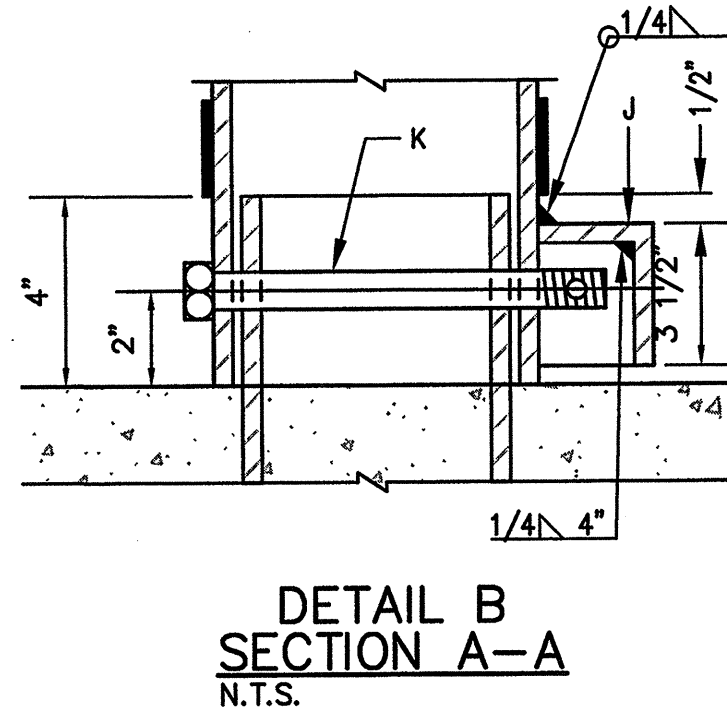
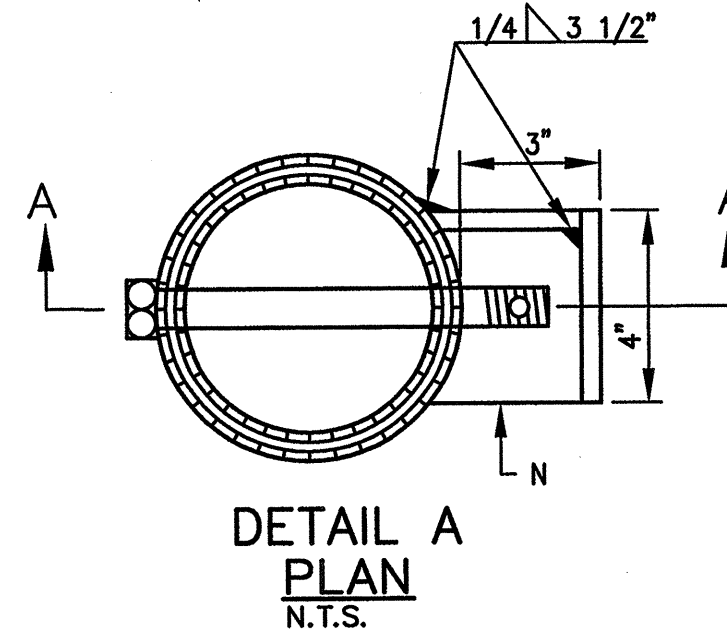
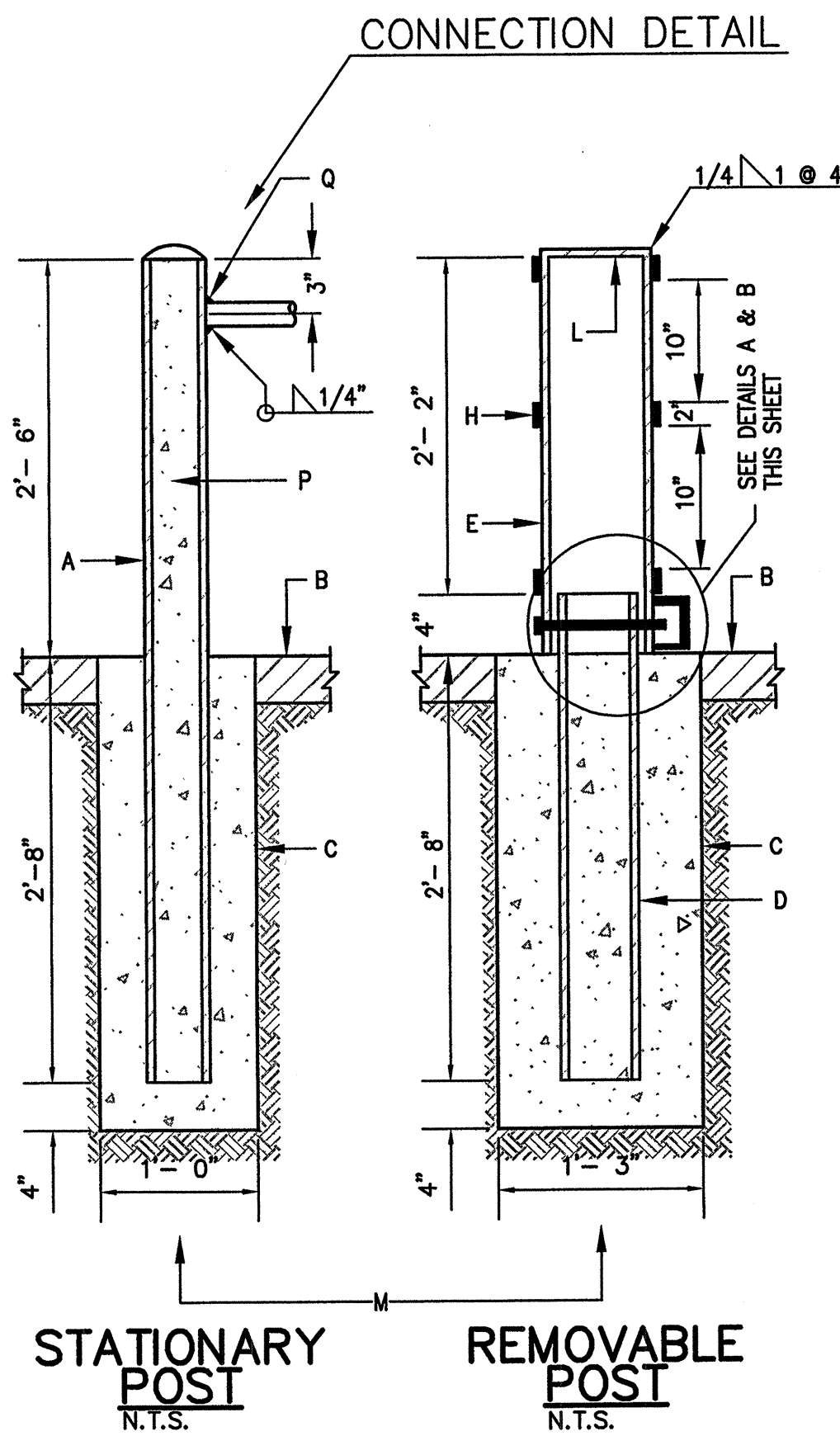
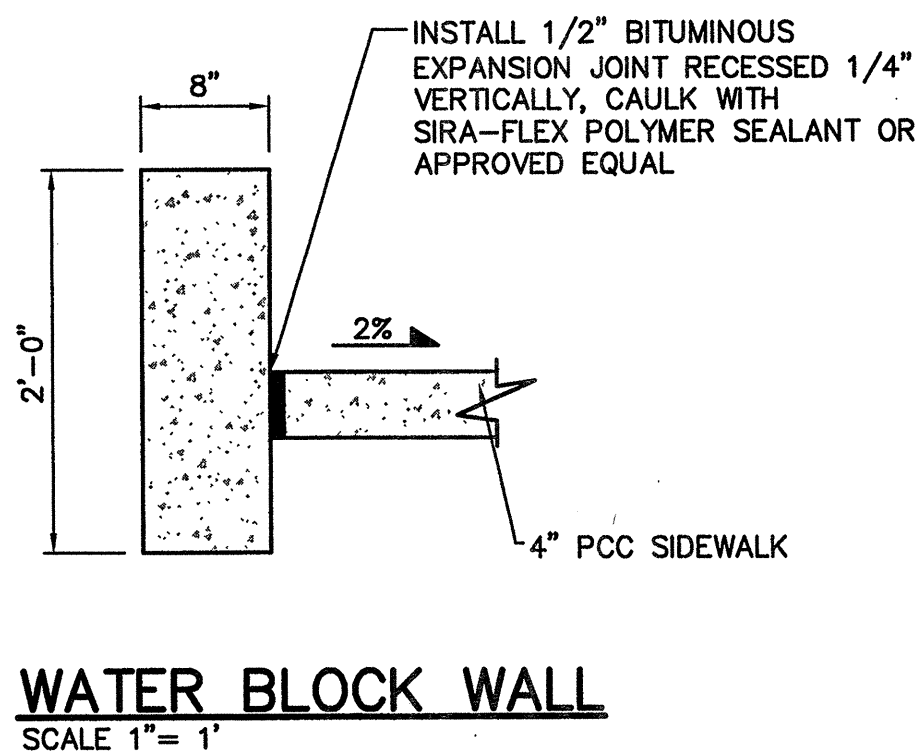
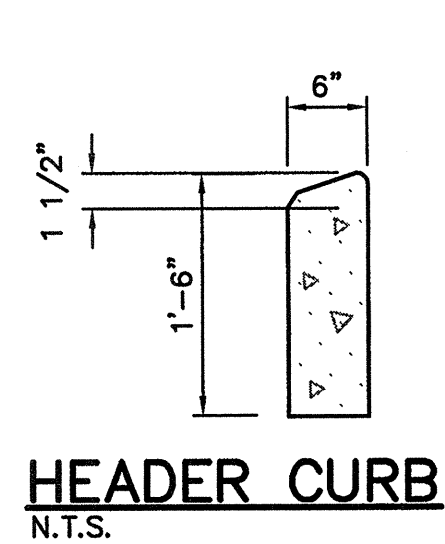
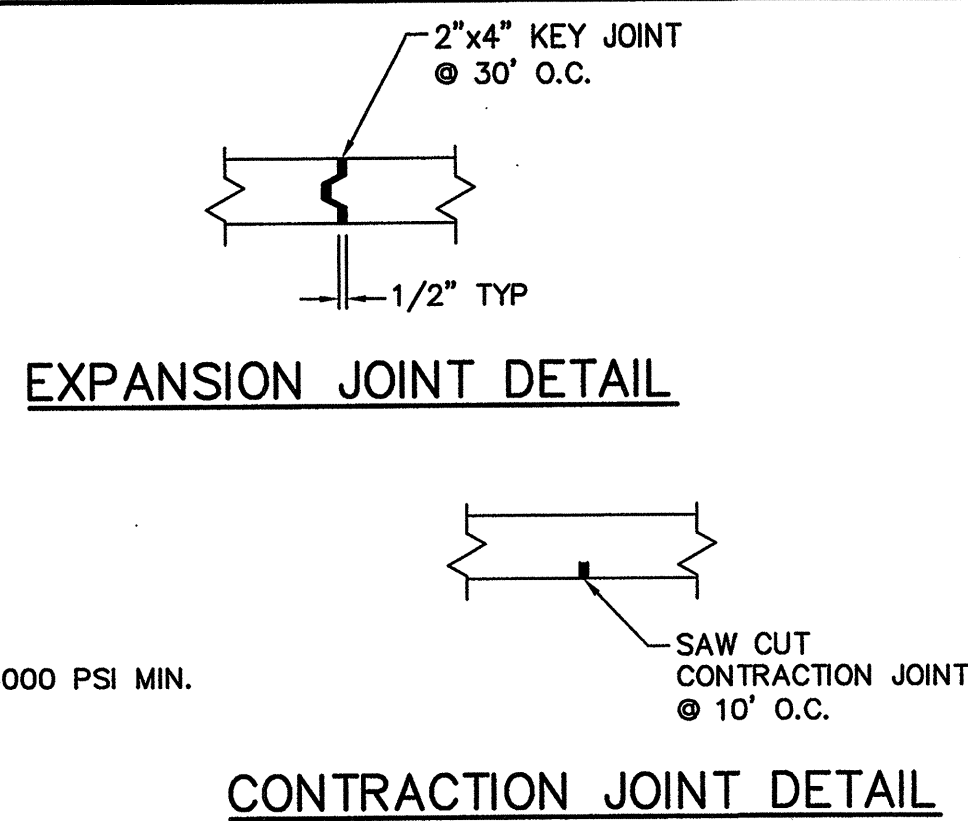
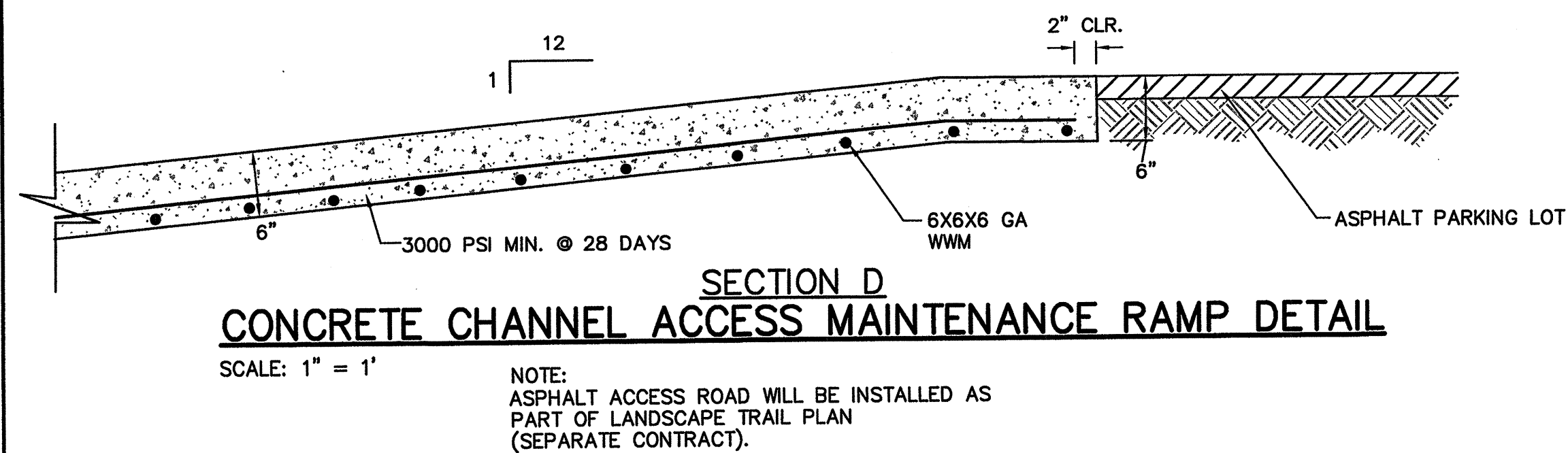
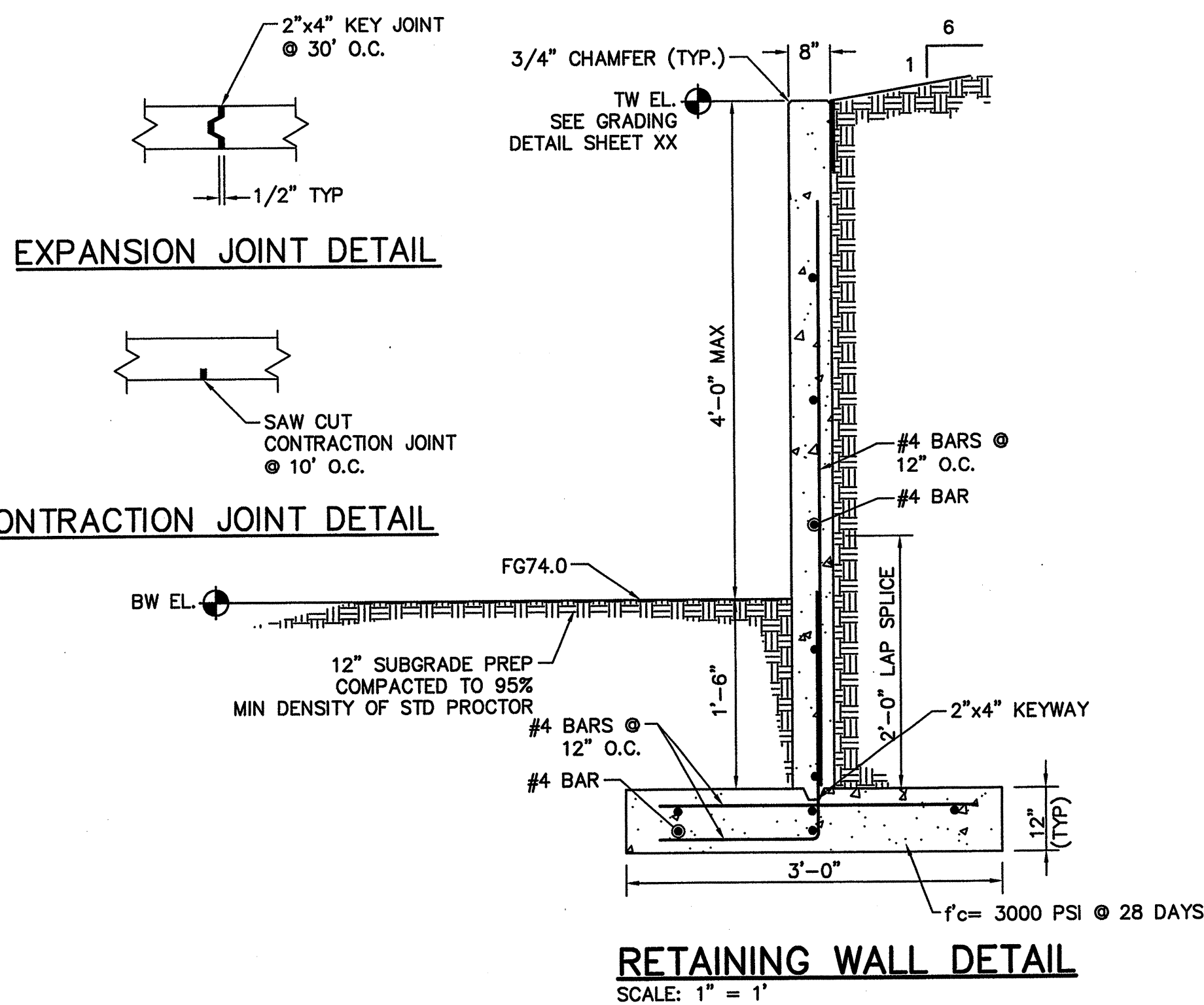
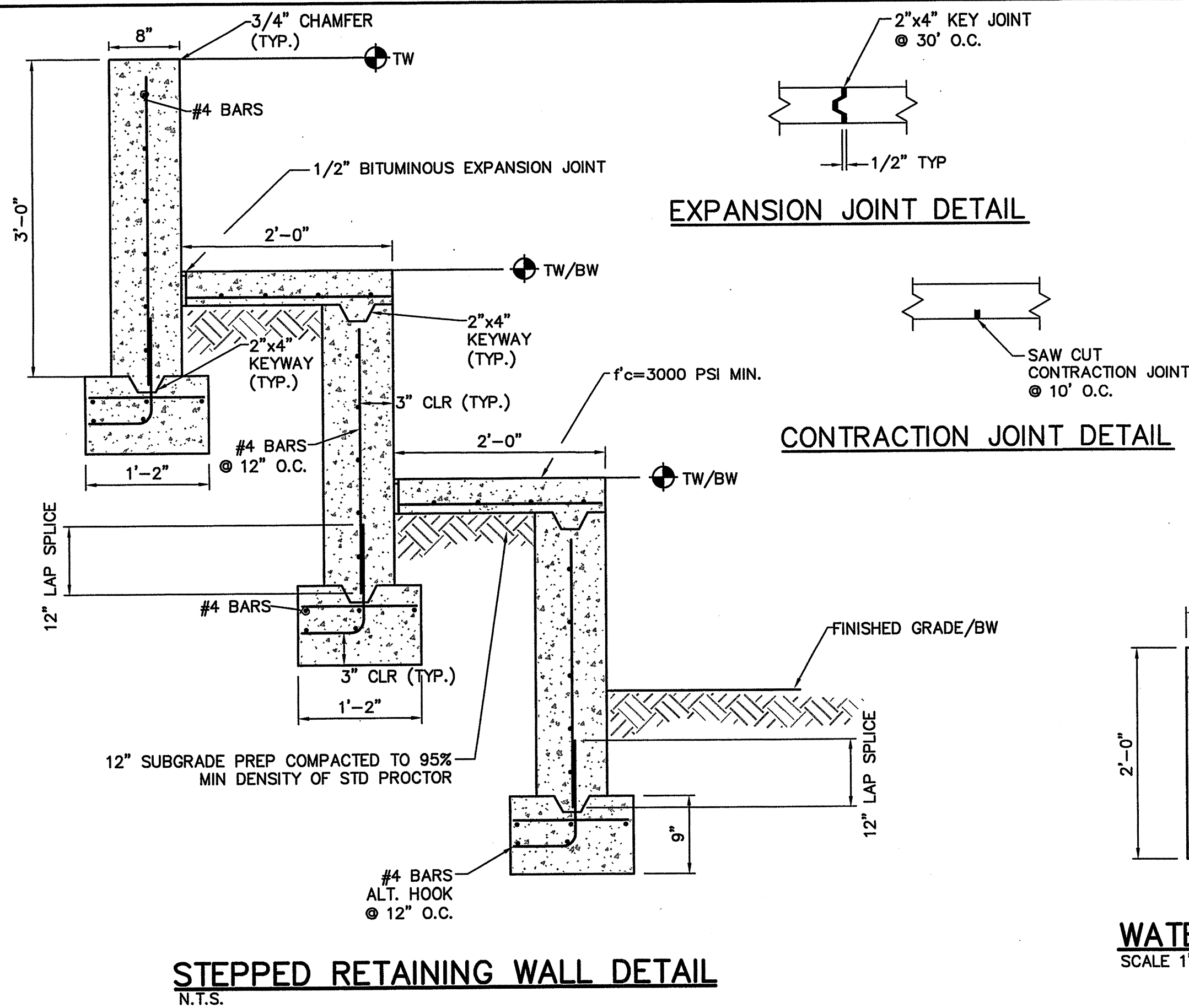


SHEET INDEX
N.T.S.



						ENGINEER'S SEAL	SURVEY INFORMATION						BENCH MARKS							AS-BUILT INFORMATION																		
									FIELD NOTES							STD. ACS BRASS TABLET STAMPED "M-K13"																						
		NO.		BY		DATE																	CONTRACTOR															
								SET IN TOP OF A CONCRETE POST, APPROX. 0.2 FT BELOW TURF. THE STATION IS THEN 0.7 FT WEST OF THE WEST CURB ON EIGHTH STREET, AND IS APPROX. 225' SOUTH OF STOVER AVENUE.															WORK STARTED BY _____ DATE _____ FINISHED BY _____ DATE _____ INSPECTION ACCEPTANCE BY _____ DATE _____ FIELD LAYOUT BY _____ DATE _____ DRAWINGS CORRECTED BY _____ DATE _____															
									REVISIONS																						MICRO-FILM INFORMATION							
WILSON & COMPANY, ENGINEERS & ARCHITECTS																																						
DESIGNED BY TJA				DATE MAR 07																	RECORDED BY _____ DATE _____																	
DRAWN BY STAFF				DATE MAR 07																	NO. _____																	

 WILSON & COMPANY 4900 LANG AVE. N.E. SUITE 100 ALBUQUERQUE, NEW MEXICO 87109 (505) 348-4000 FAX (505) 348-4072 www.wilsonco.com		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP														
TINGLEY PARK RECONSTRUCTION GRADING PLAN DETAIL 03																
TERRA CREATAS  Landscape Architecture 4508 Brand St NE Albuquerque, NM 87109 505.881.3062	Design Review Committee	City Engineer Approval	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="6" style="writing-mode: vertical-rl; transform: rotate(180deg); text-align: center;">Last Design Update</td> <td>Mo./Day/Yr.</td> <td>Mo./Day/Yr.</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.										
Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.														
City Project No. 7963.03	Zone Map No. K-13	Sheet C-105														



- GENERAL NOTES:**
- FOR SLEEVE, USE GATES NO. 37 W WATER HOSE, DISCHARGE HOSE OR EQUIVALENT. I.D. 6.625" O.D. 7.29", 6 PLY WITH BLACK NEOPRENE COVER.
 - WELDS ARE TO BE GROUND SMOOTH.
 - EXPOSED STEEL AND SLEEVE TO BE PAINTED WITH AN OIL BASE ALKYD PRIMER AND AN OIL BASE ALKYD ENAMEL TOP COAT. COLOR TO BE BRIGHT YELLOW.
- CONSTRUCTION NOTES:**
- 4" NOMINAL DIA. SCHEDULE 40 GALV. STEEL PIPE, 5'-2" TO BE FILLED W/CONC. PAINT PIPE BRIGHT YELLOW ABOVE FINISHED GRADE.
 - PAVEMENT OR FINISHED GRADE.
 - CONC. COLLAR, 3000 PSI AT 28 DAYS, W/SMOOTH OR BROOM FINISH WHERE PAVEMENT IS ADJACENT.
 - 5" NOMINAL DIA. SCHEDULE 40 GALV. STEEL PIPE, 3'-0" TO BE FILLED W/CONC. TO LEVEL SHOWN.
 - 6" NOMINAL DIA. SCHEDULE 40 GALV. STEEL PIPE, 2'-8" PAINT PIPE BRIGHT YELLOW (REMOVABLE).
 - 6" NOMINAL DIA. SCHEDULE 40 GALV. STEEL PIPE, 2'-0" (REMOVABLE).
 - SLEEVE, 2'-2" PAINT BRIGHT YELLOW, SEE NOTE NO. 1 THIS SHEET.
 - 2" WIDE REFLECTIVE TAPE, AS APPROVED BY ENGINEER, LOCATE AROUND PIPE AS SHOWN.
 - 1/4" THICK STEEL SAFETY GUARD BOX. OPEN ON ONE SIDE & BOTTOM. WELD ALL SEAMS.
 - 3/4" X 8" GALV. HEX. BOLT W/ 3/8" DIA. HOLE FOR PADLOCK. (PADLOCK FURNISHED BY CITY).
 - 1/4" X 6 5/8" DIA. GALV. STEEL PLATE COVER, WELDED TO PIPE.
 - PLACEMENT OF POSTS SHOULD BE WELL AWAY FROM TRAFFIC ON MAJOR ROADWAYS & PREFERABLY AT THE R.O.W. LINE. TRAFFIC ENGINEERING SHOULD BE CONSULTED ON LOCATION WHEN NEAR TRAFFIC.
 - ALIGN WITH TRAFFIC FLOW IN EASEMENTS OR BIKE PATH TO AVOID TRIPPING HAZARDS WITH BOX.
 - PIPES ARE NOT TO BE FILLED W/CONC. WHEN PIPES ARE LOCATED WITHIN 15' OF STREET FLOWLINE. USE WELDED STEEL CAP INSTEAD.
 - WHERE CONNECTING BOLLARDS ARE SPECIFIED, WELD 1 1/4" NOM., SCH. 40 PIPE BETWEEN BOLLARDS.

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TINGLEY PARK RECONSTRUCTION
WALL DETAILS

Design Review Committee

City Engineer Approval



City Project No.

7963.03

Zone Map No.

K-13

Sheet

Of

C-501



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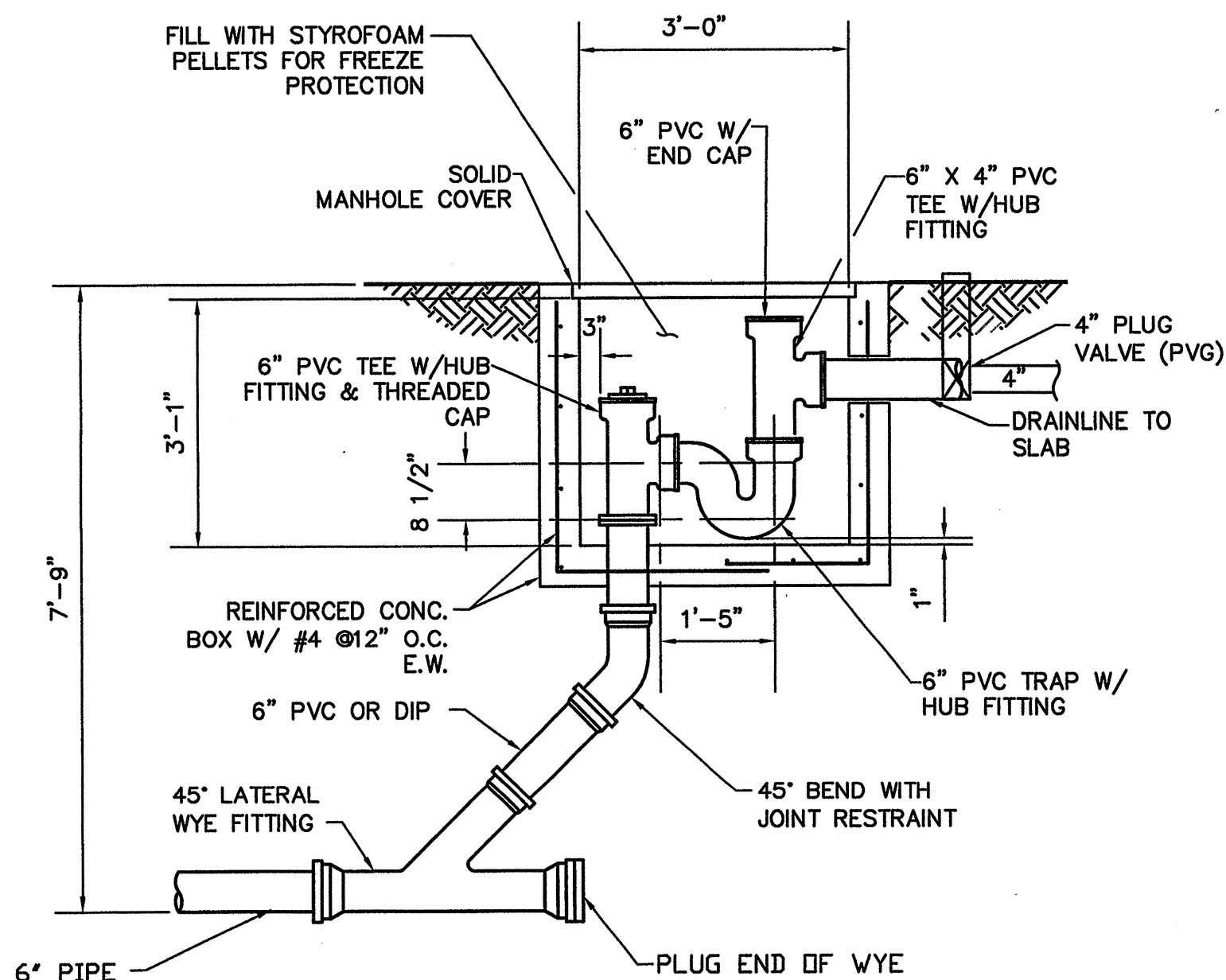
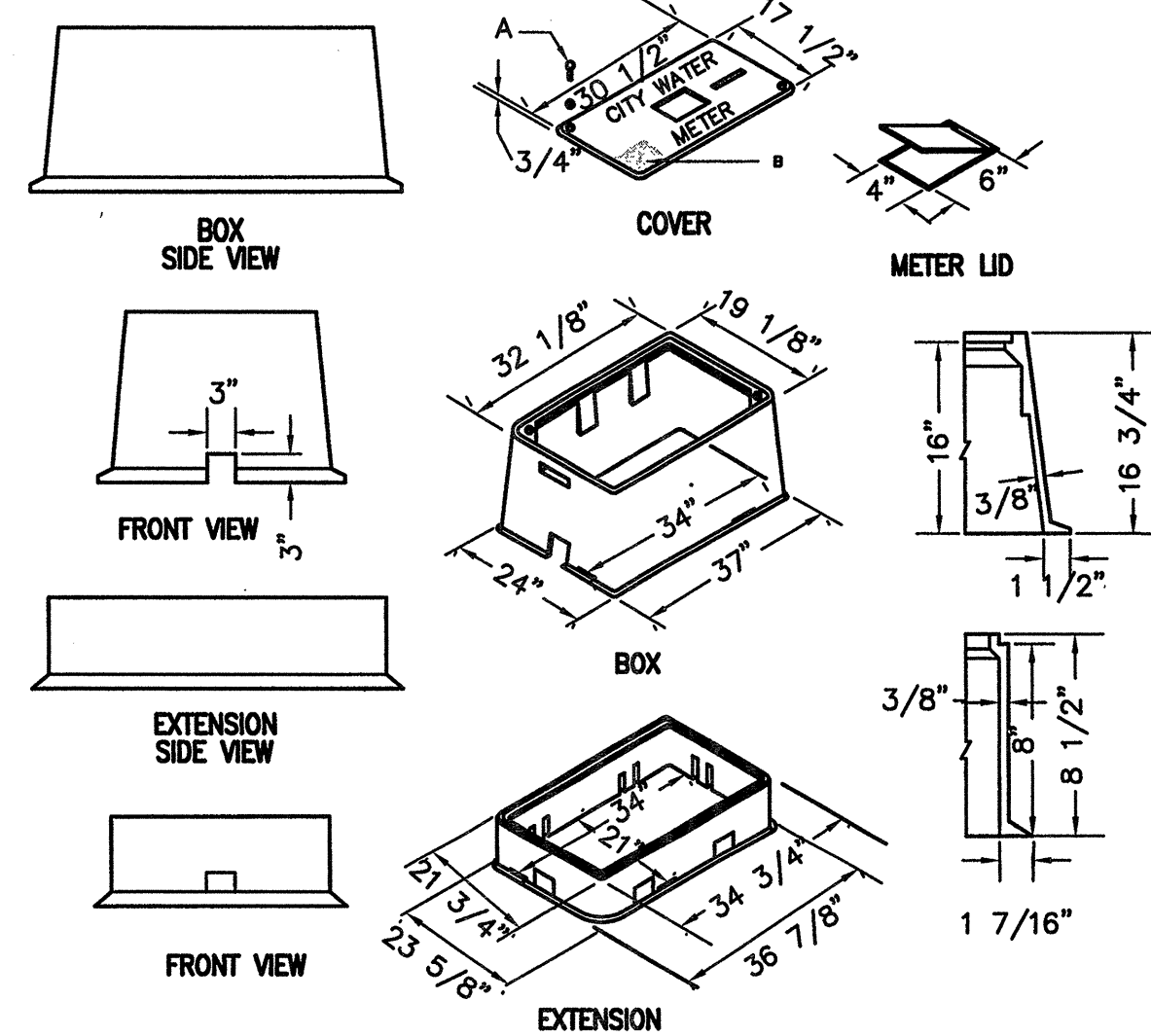


**FIGURE 1 ODOR CONTROL SYSTEM
CLEANOUT W/ WATERTRAP**
N.T.S.



METER BOX COVER & LID
N.T.S.

GENERAL NOTES:
1. METER BOX W/COVER & LID FOR 1 1/2" & 2" METERS.
QUAZITE COMPOSITE MODEL BOX PX1730B
EXTENSION PX1730E
COVER W/LID PX1730CM OR APPROVED EQUAL.

CONSTRUCTION NOTES:
A. 3/8" - 16NC HEX. HD. BOLT, 2 REQUIRED WITH WASHERS.
B. SKID RESISTANT SURFACE.
C. 3" X 3" PIPE HOLE AT EACH END.

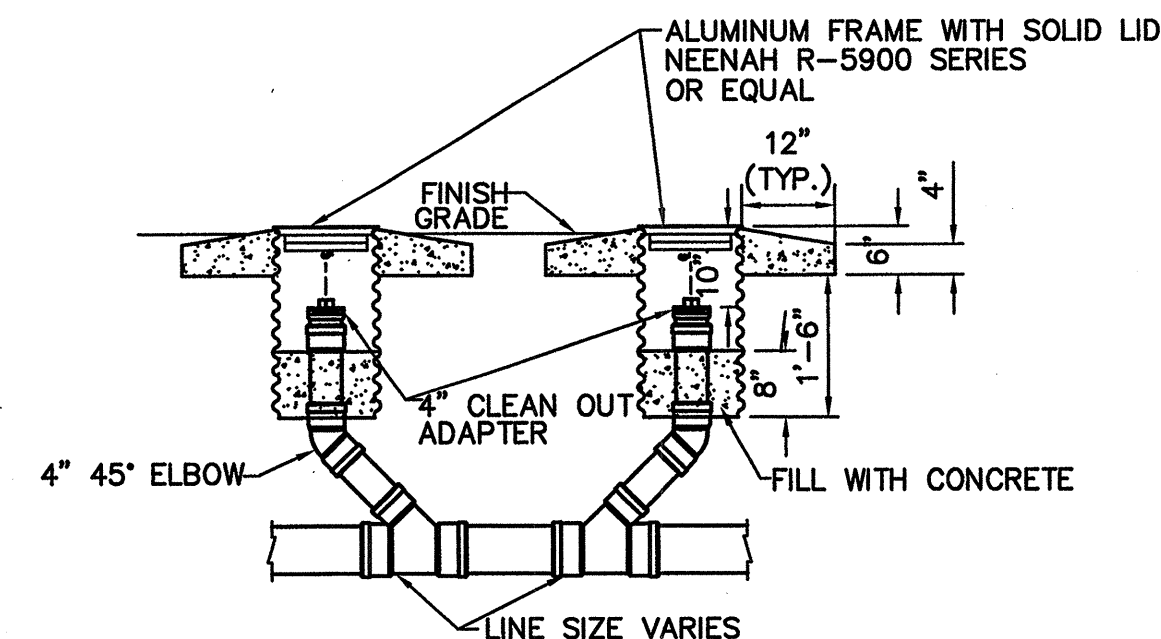


FIGURE 4 CONTAINMENT SLAB PLAN
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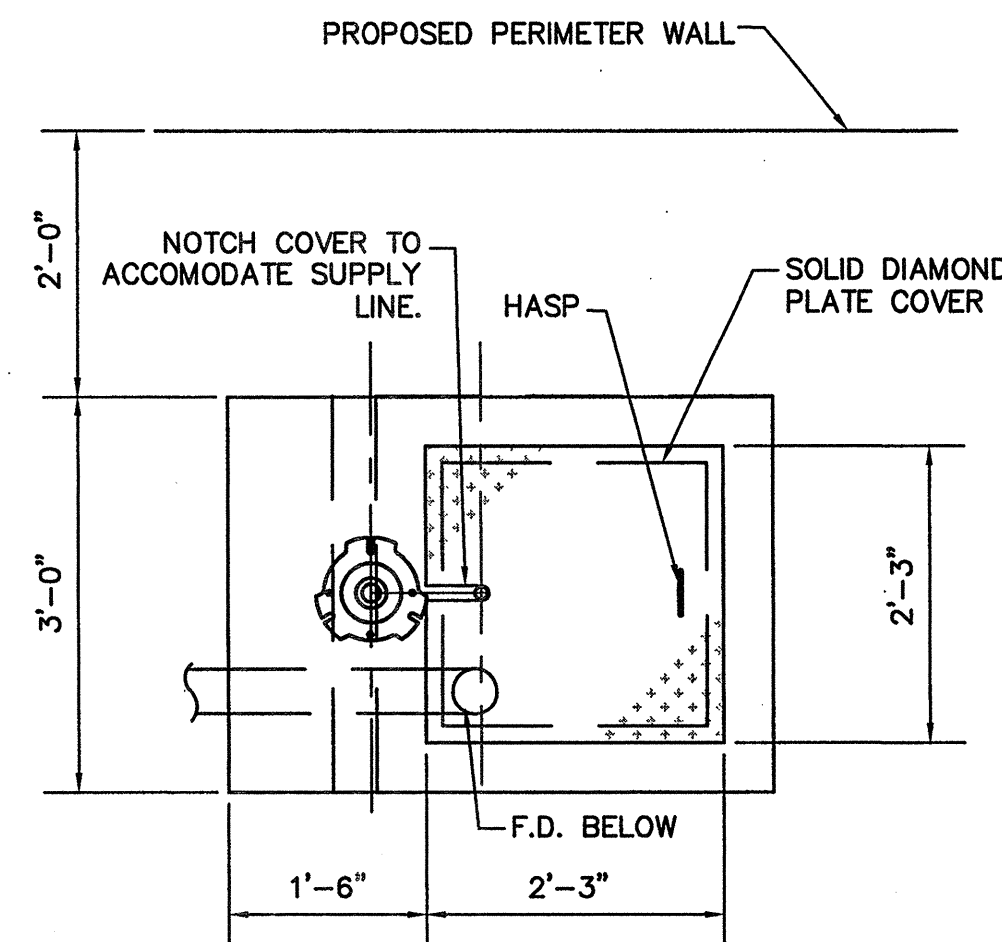


FIGURE 3 EYEWASH PLAN
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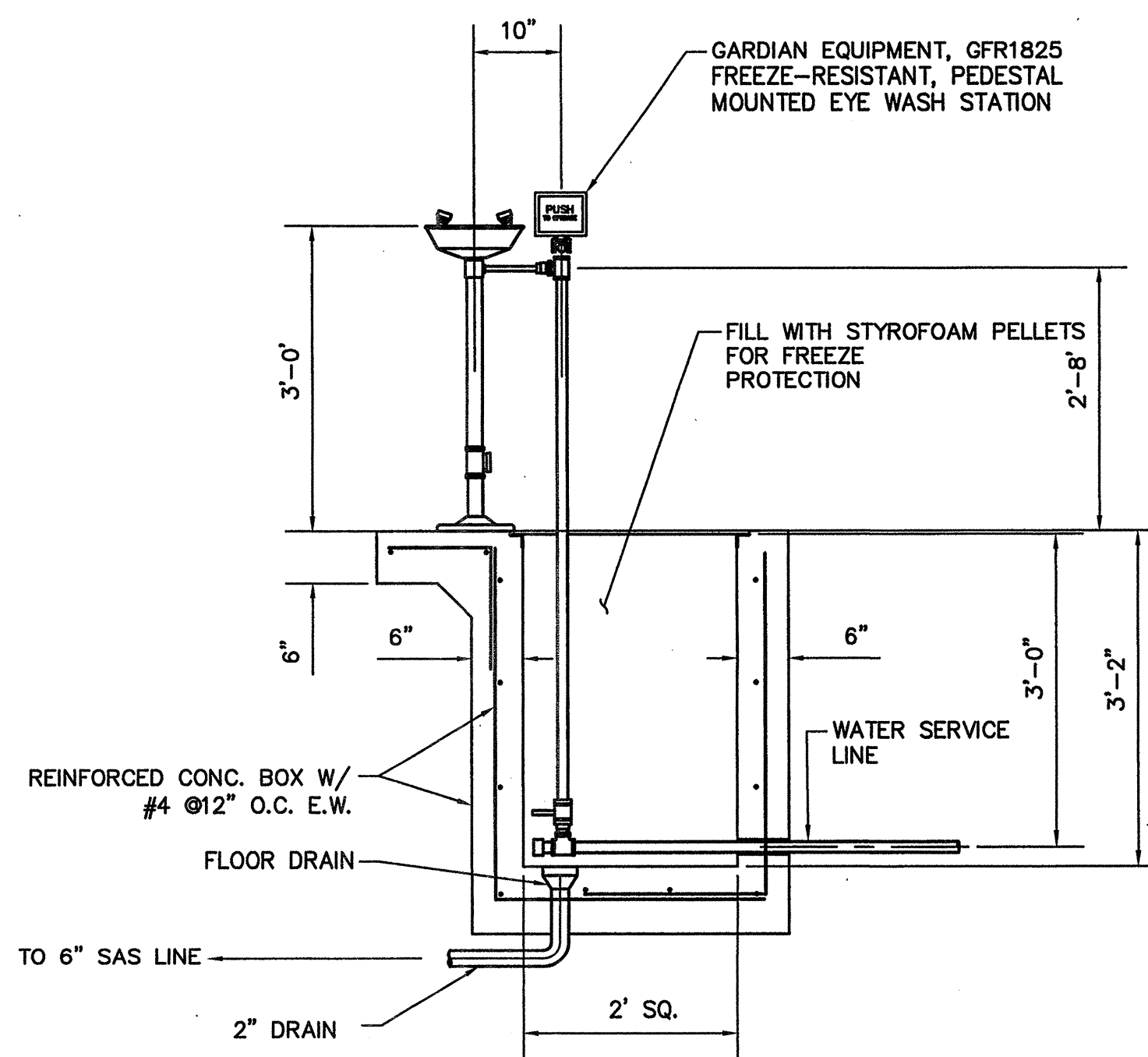


FIGURE 3 EYEWASH SECTION
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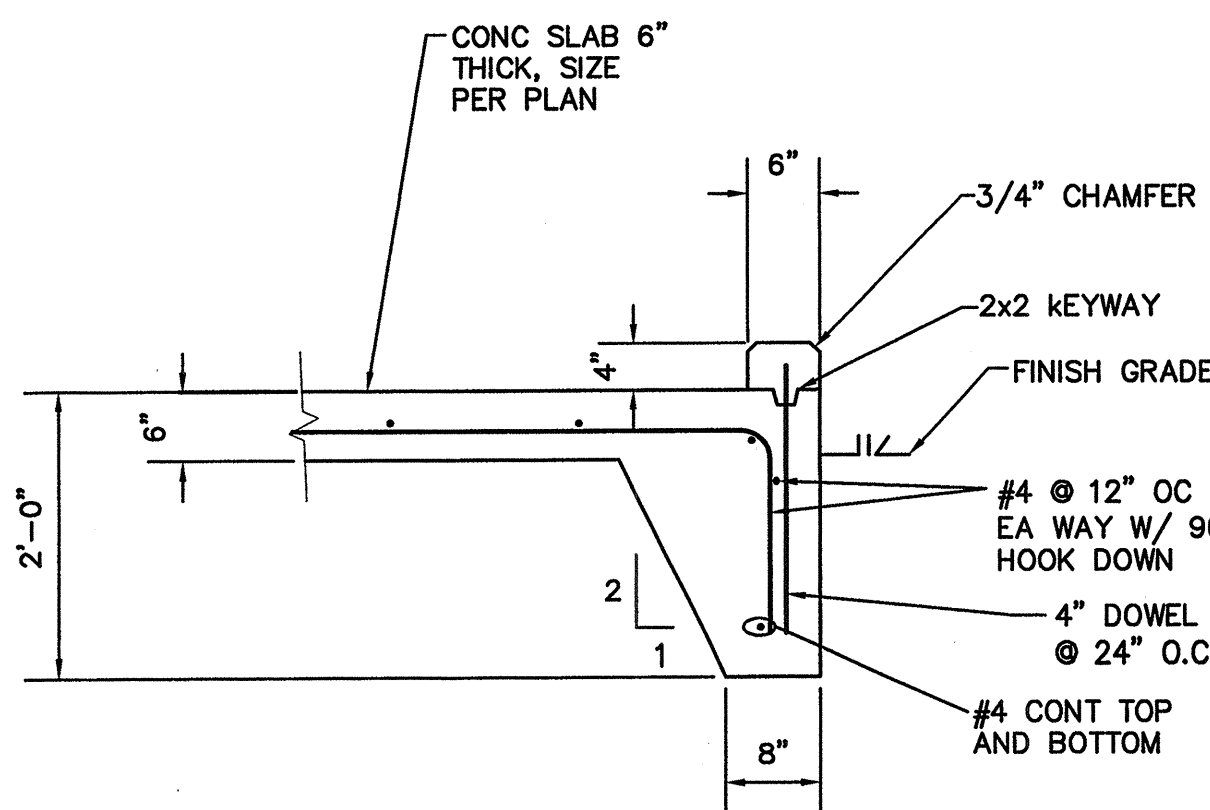
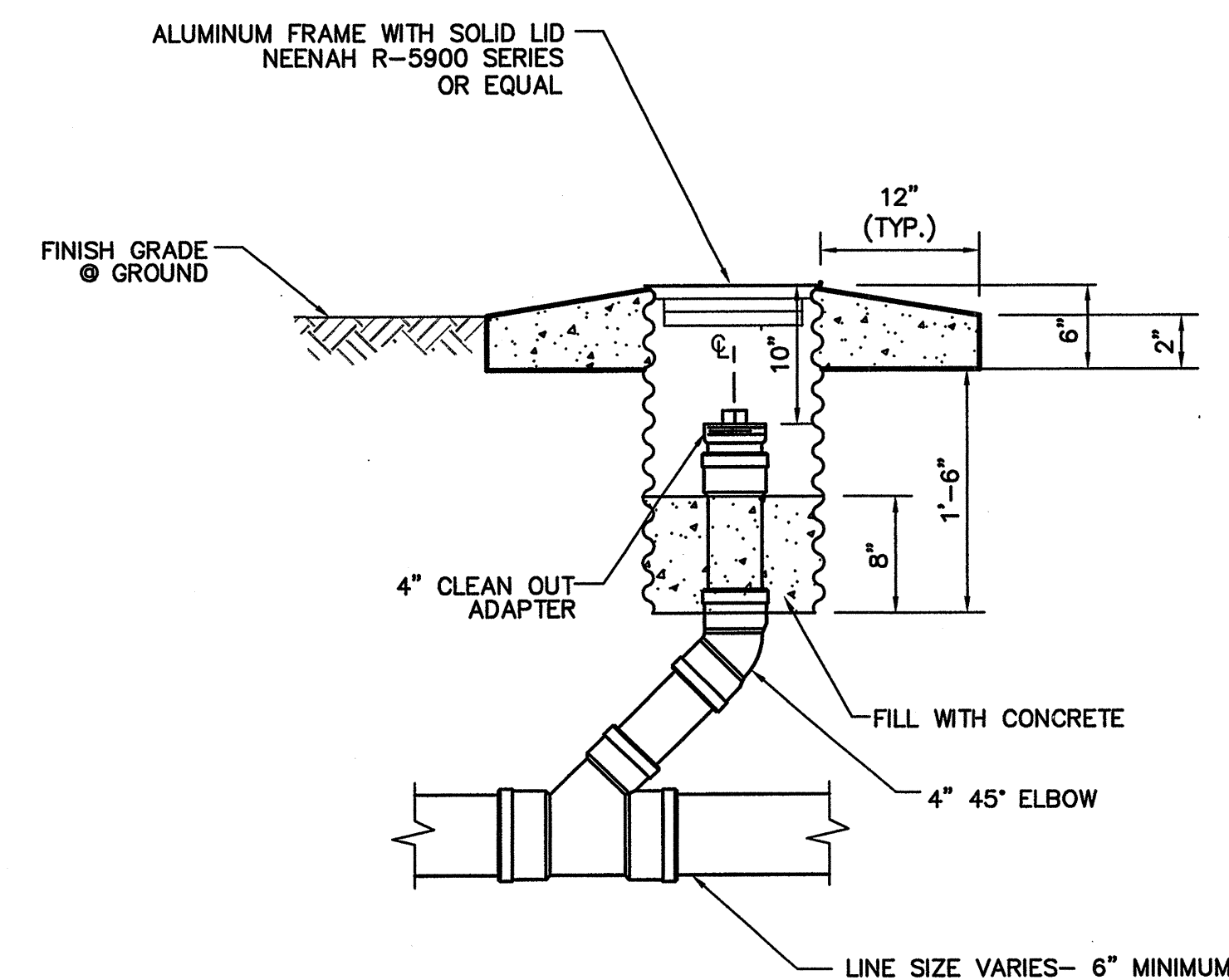


**FIGURE 4 SECTION B
CONTAINMENT SLAB TURNDOWN EDGE**
N.T.S.

STANDARD DRAIN LINE CLEANOUT DETAIL
N.T.S.

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

**TINGLEY PARK RECONSTRUCTION
MISCELLANEOUS UTILITY DETAILS**

Design Review Committee

City Engineer Approval



City Project No.

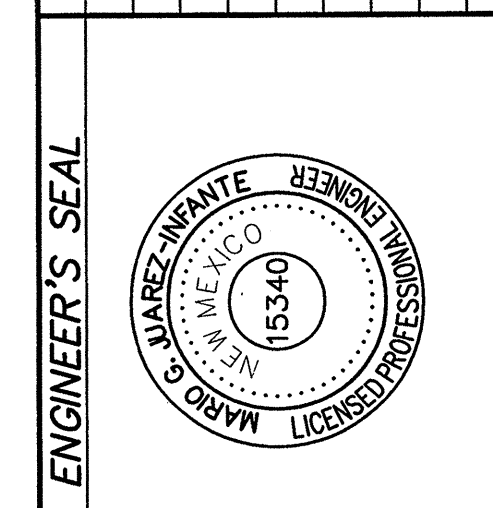
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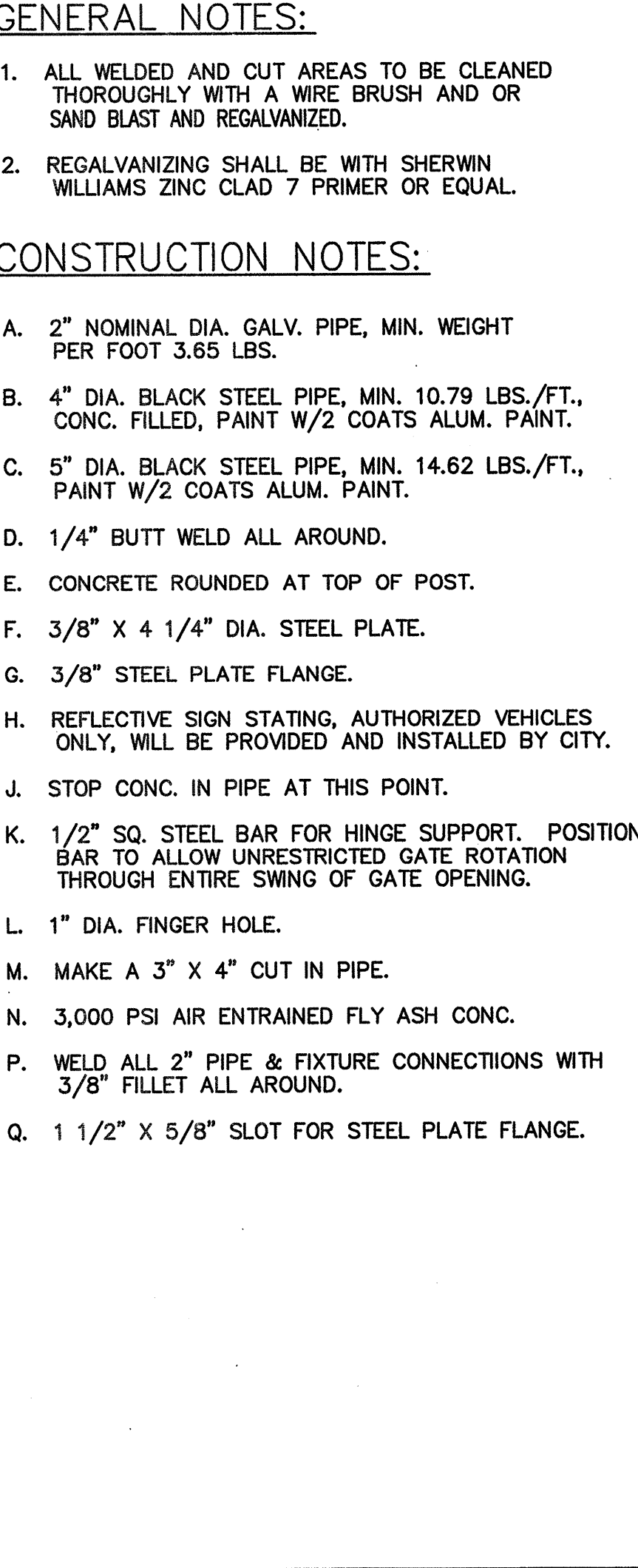
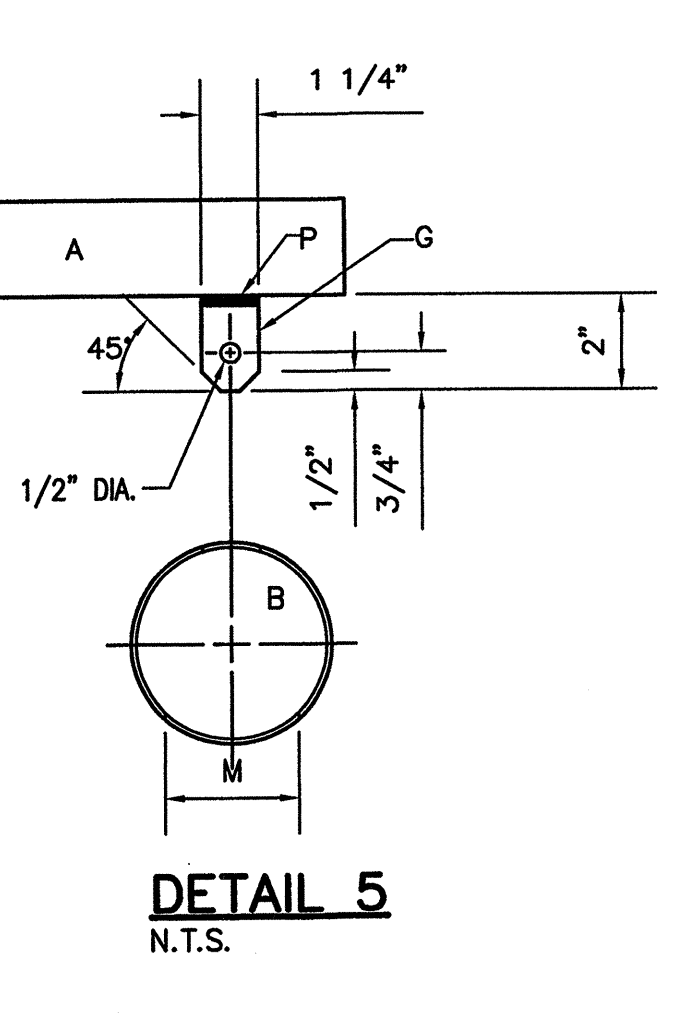
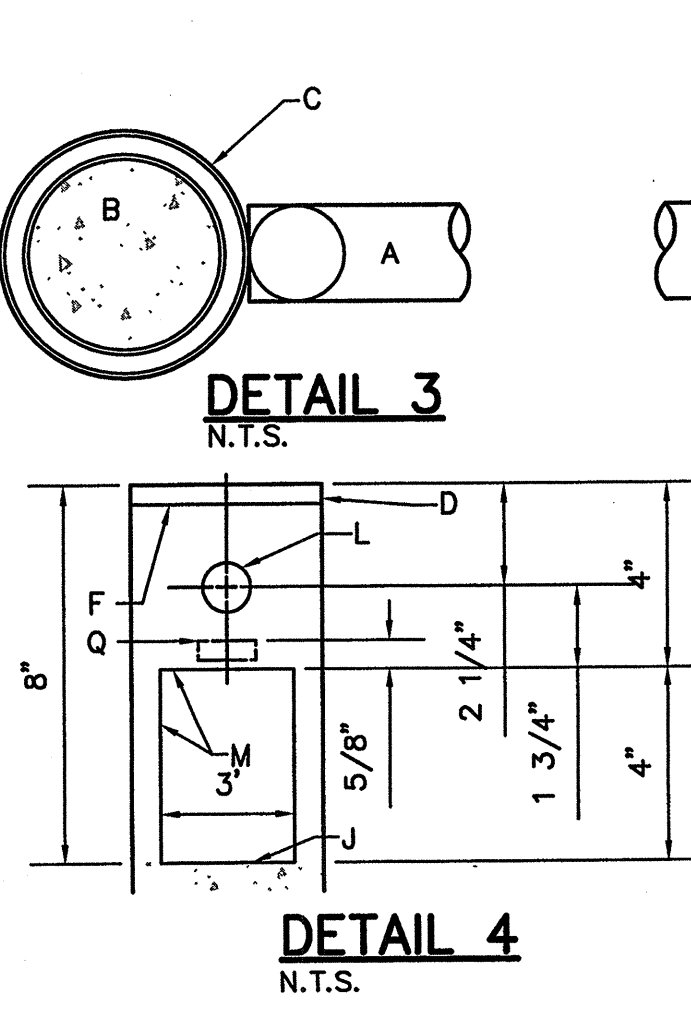
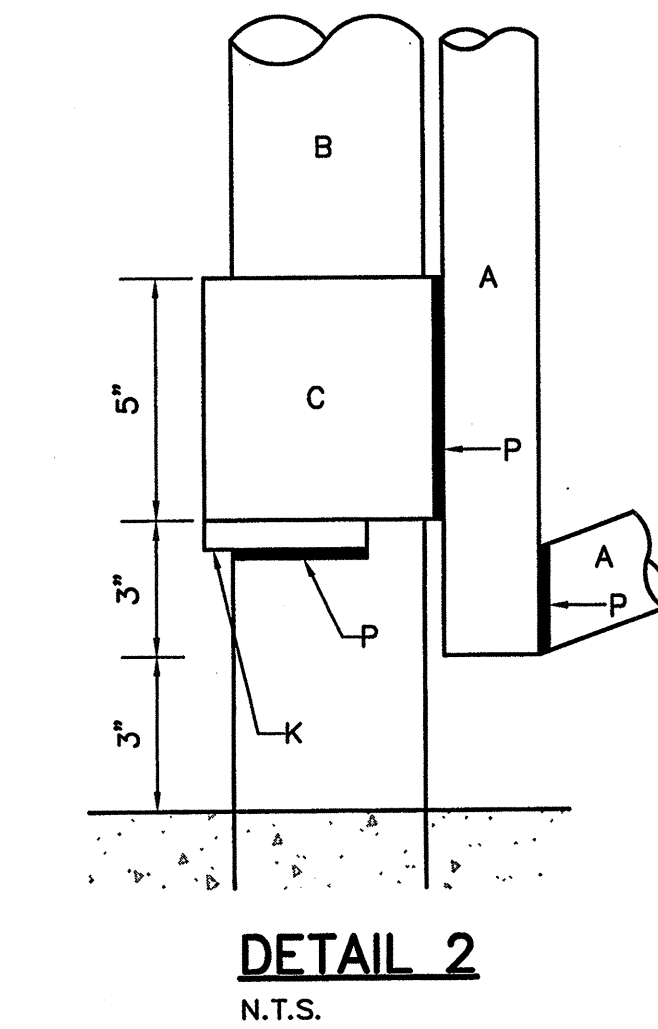
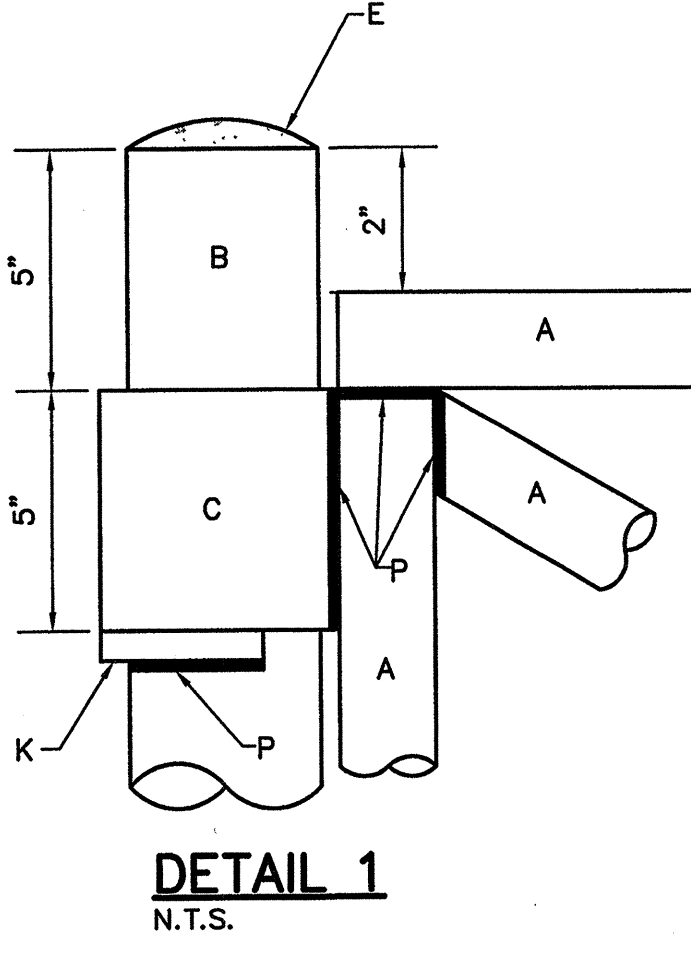
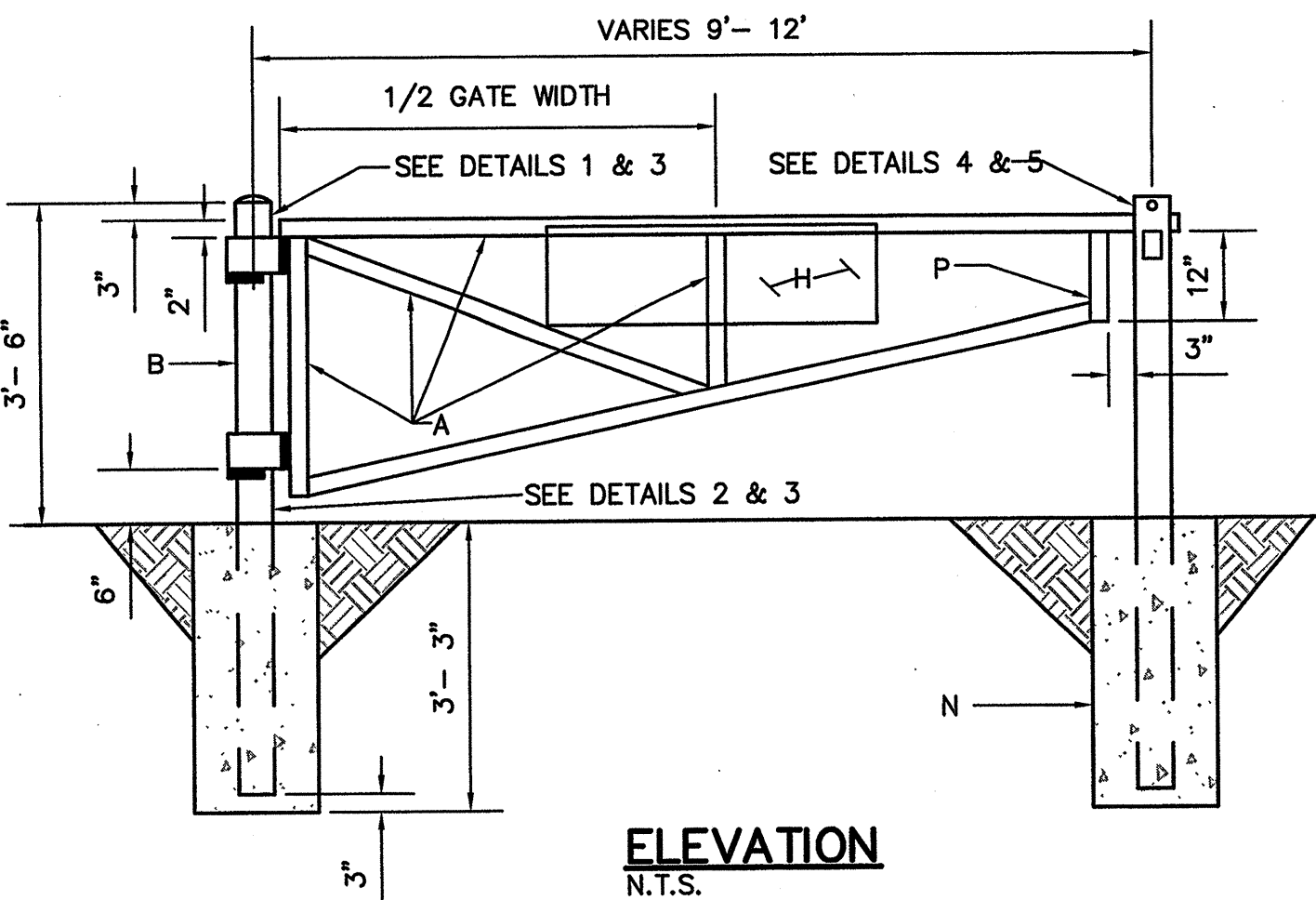
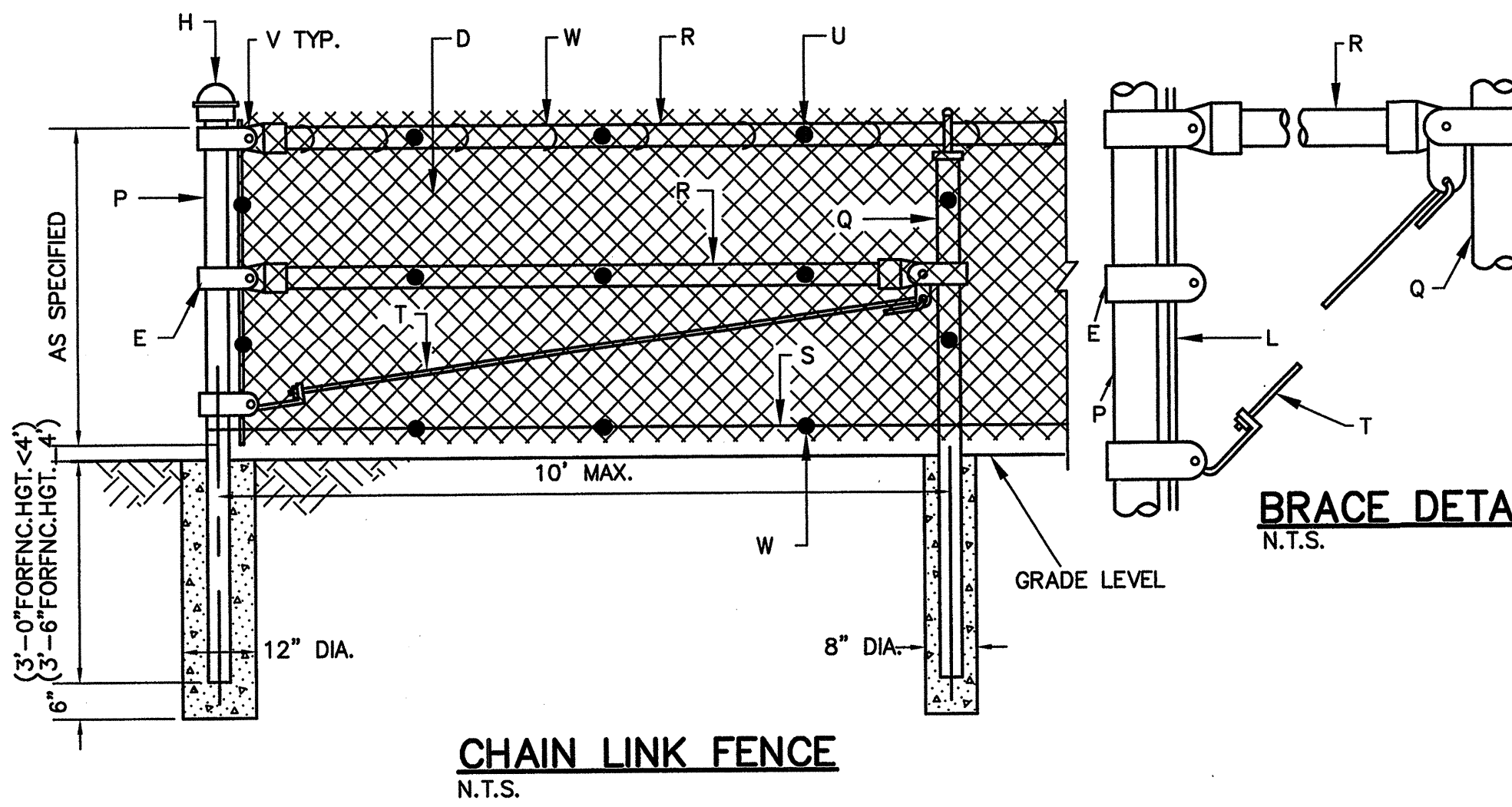
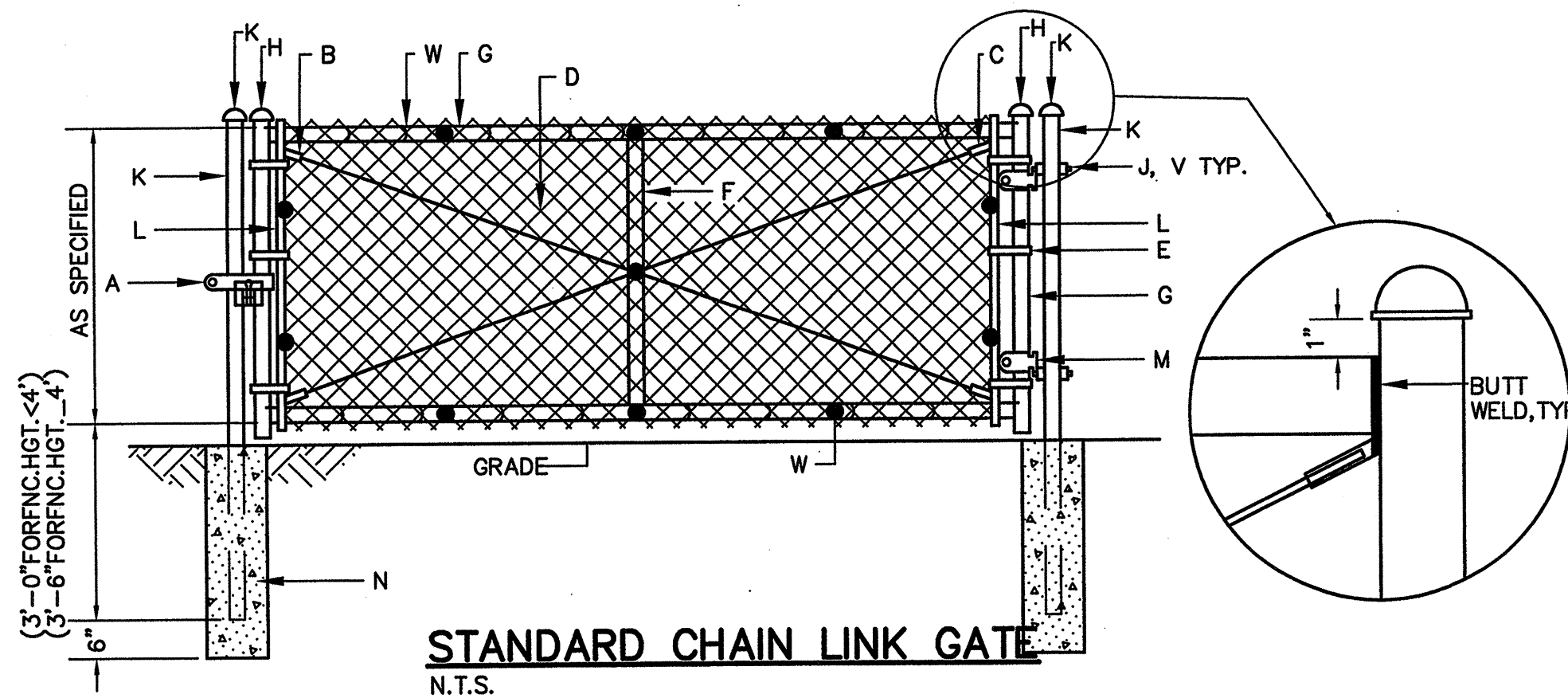
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ELEVATION = 4944.03 FT.			

SURVEY INFORMATION		FIELD NOTES	
NO.	DATE	BY	DATE



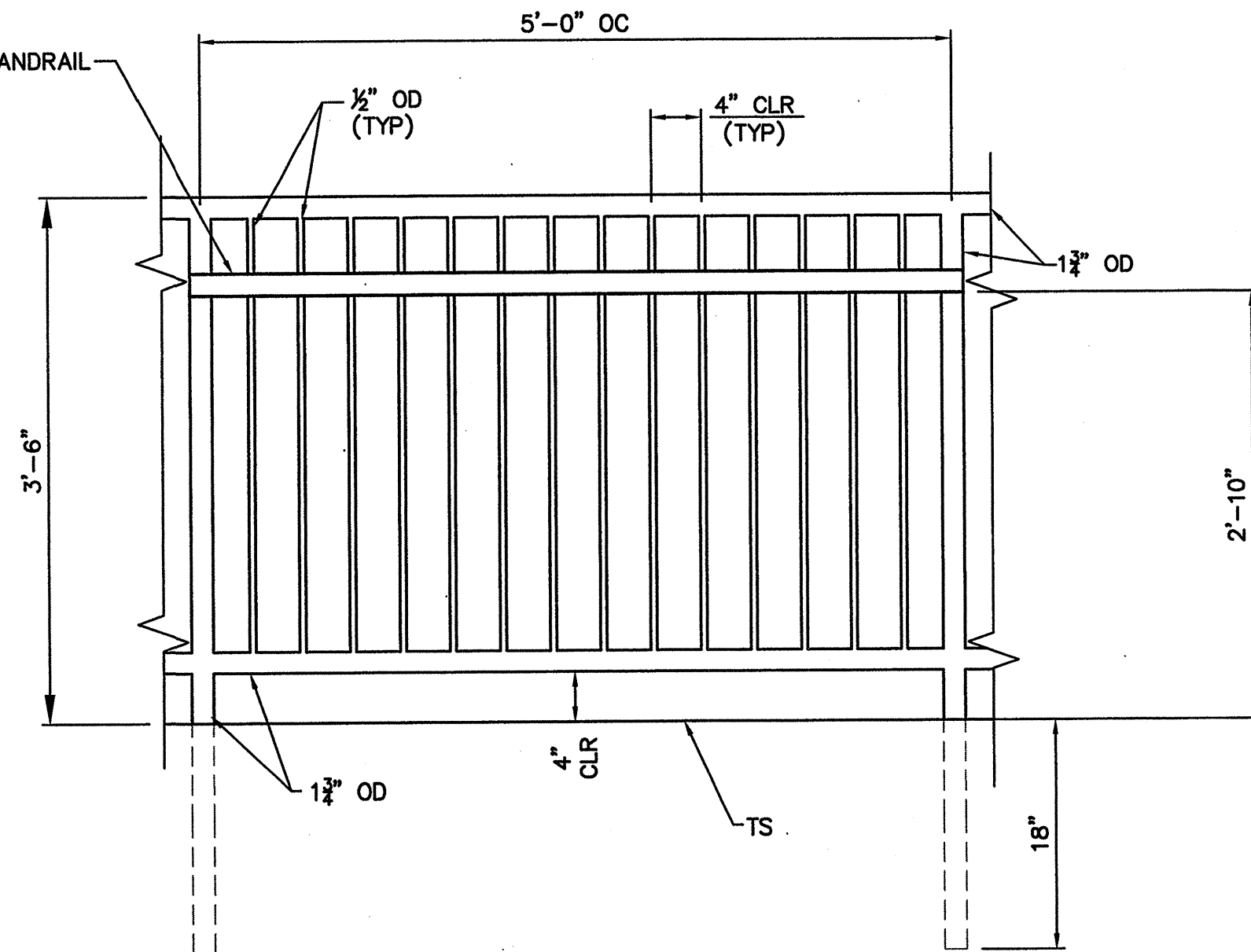
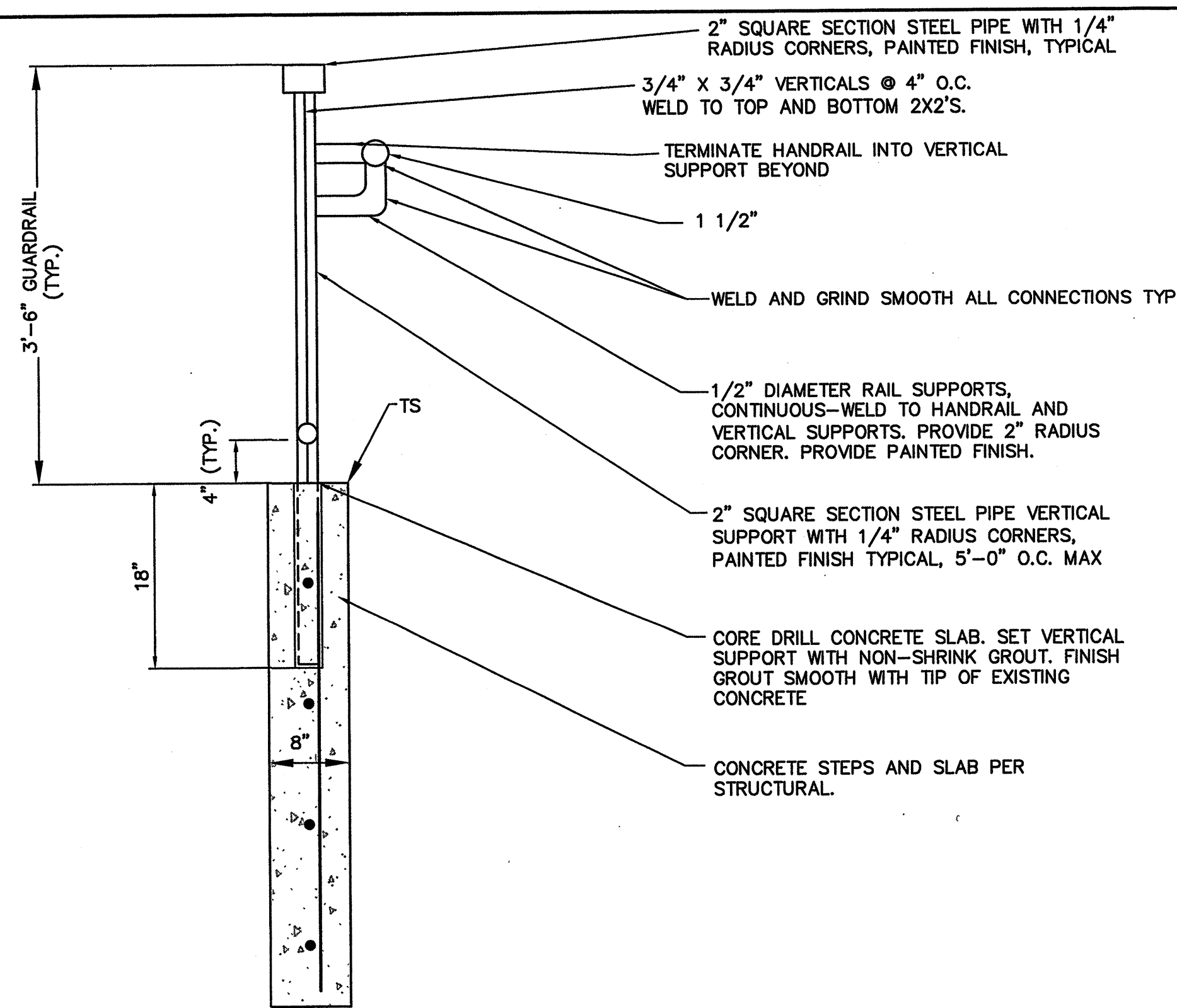
ENGINEER'S SEAL		REVISIONS	
NO.	DATE	BY	DATE

WCEA #0660012300
MARCH 2007



- GENERAL NOTES:**
- GATE TO BE USED AS SPECIFIED ON CONSTRUCTION DRAWINGS FOR DRAINAGE EASEMENT BARRICADE, SEE DWG. 2251 OR DWG. 2253.
 - SINGLE LEAF GATES WILL BE USED ON OPENINGS OF 12' OR LESS. FOR MORE THAN 12', DOUBLE LEAF GATES SHALL BE USED, WITH A CENTER LOCK POST INSERTED IN A PIPE SLEEVE IN CENTER OF OPENING.
 - DIMENSIONS ABOVE OR BELOW GRADE LEVEL WILL BE ON CONSTRUCTION DRAWINGS. IF NONE ARE NOTED, MESH IS FLUSH WITH GRADE LEVEL.
 - ALL METAL ITEMS, INCLUDING PIPE, SHALL BE GALV. STEEL. ALL PIPE SHALL BE NOMINAL SIZE, SCH. 40.
- CONSTRUCTION NOTES:**
- GATE LATCH WITH VANDAL PROOF SHIELD & PADLOCK (PADLOCK TO BE FURNISHED BY THE CITY).
 - 2- 3/8" TRUSS RODS, WELDED AT CORNERS.
 - 2- 3/8" THREADED TRUSS RODS AND BRACKET ATTACHMENT.
 - 2" NO. 9 GAUGE CHAIN LINK GALV. WIRE FABRIC.
 - STEEL TENSION BANDS AT 18" OR LESS O.C.
 - BRACE, 1 1/4" DIA., WELDED TO FRAME.
 - GATE FRAME, 2" DIA. (2.375 O.D.) WELDED.
 - MALLEABLE ACORN CAP.
 - 4" J-BOLT, THREADED.
 - 3 1/2" GATE POST (4" O.D.) WITH WELDED STEEL CAP.
 - TENSION BAR 1/4" X 3/4".
 - GATE CLAMP.
 - 12" DIA. HOLES, FILLED WITH PORTLAND CEMENT CONC.
 - CORNER POST 2 1/2" DIA. (2.875 O.D.).
 - LINE POST 2" DIA. (2.375 O.D.).
 - TOP AND BRACE RAILS 1 1/4" DIA. (1.660 O.D.).
 - WIRE REINFORCEMENT, 9 GAUGE, INSTALL 3" ABOVE BOTTOM OF FABRIC.
 - TRUSS ROD 3/8" DIA.
 - FABRIC SHALL BE TACK WELDED TWO PLACES TO EACH TENSION BAR AND THREE PLACES TO ALL TOP AND BRACE RAILS BETWEEN POSTS.
 - ALL NUTS, BOLTS, AND OTHER CONNECTIONS SHALL BE TACK WELDED.
 - WIRE TIES, 9 GA. GALV. STEEL AT 18" O.C.

- GENERAL NOTES:**
- ALL WELDED AND CUT AREAS TO BE CLEANED THOROUGHLY WITH A WIRE BRUSH AND OR SAND BLAST AND REGALVANIZED.
 - REGALVANIZING SHALL BE WITH SHERWIN WILLIAMS ZINC CLAD 7 PRIMER OR EQUAL.
- CONSTRUCTION NOTES:**
- 2" NOMINAL DIA. GALV. PIPE, MIN. WEIGHT PER FOOT 3.65 LBS.
 - 4" DIA. BLACK STEEL PIPE, MIN. 10.79 LBS./FT., CONC. FILLED, PAINT W/2 COATS ALUM. PAINT.
 - 5" DIA. BLACK STEEL PIPE, MIN. 14.62 LBS./FT., PAINT W/2 COATS ALUM. PAINT.
 - 1/4" BUTT WELD ALL AROUND.
 - CONCRETE ROUNDED AT TOP OF POST.
 - 3/8" X 4 1/4" DIA. STEEL PLATE.
 - 3/8" STEEL PLATE FLANGE.
 - REFLECTIVE SIGN STATING, AUTHORIZED VEHICLES ONLY, WILL BE PROVIDED AND INSTALLED BY CITY.
 - STOP CONC. IN PIPE AT THIS POINT.
 - 1/2" SQ. STEEL BAR FOR HINGE SUPPORT. POSITION BAR TO ALLOW UNRESTRICTED GATE ROTATION THROUGH ENTIRE SWING OF GATE OPENING.
 - 1" DIA. FINGER HOLE.
 - MAKE A 3" X 4" CUT IN PIPE.
 - 3,000 PSI AIR ENTRAINED FLY ASH CONC.
 - WELD ALL 2" PIPE & FIXTURE CONNECTIONS WITH 3/8" FILLET ALL AROUND.
 - 1 1/2" X 5/8" SLOT FOR STEEL PLATE FLANGE.

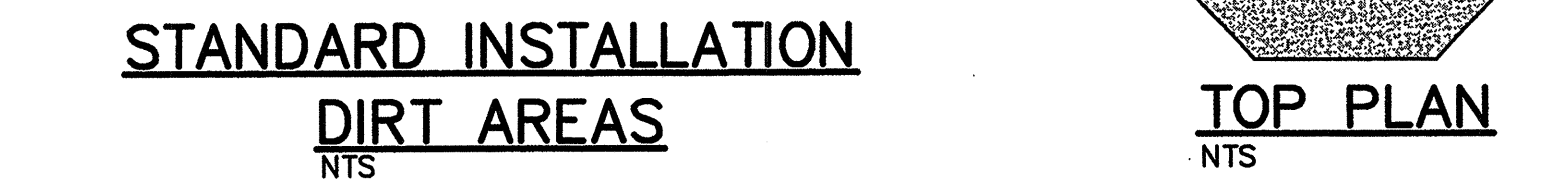


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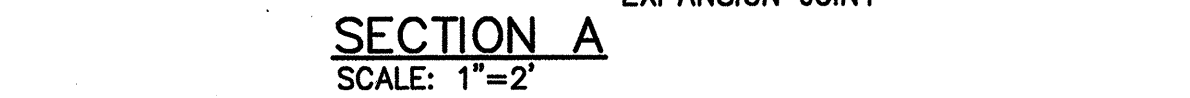
WCEA #0660012300
MARCH 2007

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP		TINGLEY PARK RECONSTRUCTION FENCE DETAILS	
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
7963.03	K-13	C-504	

AS-BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	DATE	INSPECTOR	DATE	STD. ACS BRASS TABLET STAMPED "1-K13"	SET IN TOP OF A CONCRETE POST, APPROX. 0.2 FT. BELOW TURF. THE STATION IS THEN 0.7 FT. WEST OF THE WEST CURB ON EIGHTH STREET, AND IS APPROX. 225' SOUTH OF STOVER AVE.	DATE	BY	NO.	DATE	BY	NO.				
RECORDED BY	DATE	VERIFIED BY	DATE	DATE	BY	NO.	DATE	BY	NO.	DATE	BY				
MICRO-FILM INFORMATION				REVISIONS				WILSON & COMPANY, ENGINEERS & ARCHITECTS				DESIGNED BY TJA			
								DRAWN BY STAFF				DATE MAR 07			
								CHECKED BY MJJ				DATE MAR 07			



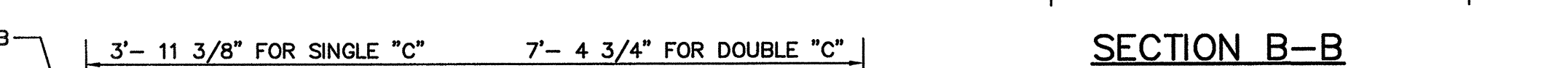
- GENERAL NOTES:**
- A MANHOLE OR VALVE BOX RING AND COVER PER CITY STANDARDS
 - B MANHOLE CONE/EXTENSION OR VALVE PIPE PER CITY STANDARDS. PIPE WITH SMOOTH INTERIOR.
 - C 12" SUBGRADE, 95% COMPACTION (ASTM).
 - D PAYING SECTION PER APPROVED DRAWINGS.
 - E CONCRETE COLLAR IN PAVED AREAS—TYPICAL INSTALLATION.
 - F CONCRETE COLLAR IN PAVED AREAS WITH ASPHALT CAP. TO BE USED WHEN CALLED FOR ON PLANS OR AS DIRECTED BY THE ENGINEER.
 - G CONCRETE COLLAR IN DIRT AREAS—SET RING 1" ABOVE GRADE AND SLOPE CONCRETE DOWN AS SHOWN TO 1" BELOW GRADE.
 - H WATER VALVE INSTALLATIONS SHALL HAVE SURFACE STAMPED WITH LINE INFORMATION PER CITY STANDARD DWG 2326.



NTS

- ### GENERAL NOTES:
1. FOR SINGLE GRATE TYPE STORM INLET, DELETE CENTER SUPPORT AND MOVE ONE END WALL TO FORM NEW SINGLE GRATE INLET.
 2. STORM INLET GUTTER TRANSITION WILL BE SHOWN ON THE CONSTRUCTION PLANS.
 3. OUTLET PIPE SIZE, PER DESIGN REQUIREMENT.
 4. FOR FRAME & GRATING, SEE DWG. 2216, 2220 & 2221.
 5. FOR CENTER SUPPORT ASSEMBLY, SEE DWG. 2215.

- CONSTRUCTION NOTES:**
- A. FRAME & GRATE.
 - B. CENTER SUPPORT ASSEMBLY.
 - C. CUT ONE HORIZONTAL AND ONE VERTICAL BAR MAX. AT PIPE OPENING.
 - D. NO. 4 BARS AT 6" O.C. EACH WAY.
 - E. USE STANDARD STEPS, SEE DRW. 2229.
 - F. CONC. FILL, SEE NOTE C DWG. 2201.
 - G. INVERT PER DESIGN.
 - H. INSTALL STEPS ON DOWNSTREAM FACE.



NTS

- ### GENERAL NOTES :
1. FOR SINGLE GRADE TYPE STORM INLET DELETE CENTER SUPPORT AND MAKE ONE END WALL TO FORM NEW SINGLE GRADE INLET.
 2. FOR STORM INLET GUTTER TRANSITION, SEE DWG. 2207.
 3. OUTLET PIPE SIZE, PER DESIGN REQUIREMENT.
 4. FOR FRAME & GRATING, SEE DWG. 2216, 2220 & 2221.
 5. FOR ANCHOR SEE DETAIL.
 6. FOR CENTER SUPPORT ASSEMBLY, SEE DWG. 2215.

- ## CONSTRUCTION NOTES :
- A. GUTTER TRANSITION.
 - B. TOP OF CURB.
 - C. CENTER SUPPORT ASSEMBLY.
 - D. FLOWLINE.
 - E. CONSTRUCTION JOINT.
 - F. NORMAL GUTTER LINE.
 - G. 1'-10" MIN., UNLESS OTHERWISE DIRECTED.
 - H. FRAME AND GRATE.
 - J. INVERT OF OUTLET PIPE.
 - K. CONCRETE FILL, MINIMUM SLOPES AS SHOWN.
 - L. FOR STORM INLET DEPTHS GREATER THAN 4" INSTALL STD STEPS, SEE DWG. 2229, UPSTREAM SIDE.
 - M. EXTEND NO. 4 REBARS 18" INTO CURB ON EACH SIDE OF STORM INLET.
 - N. NO. 4 BARS AT 6" O.C.
 - P. $1/2" \times 1/2" \times 1/2" \times 1/2" \times 4' - 0"$ FOR SINGLE GRATE TYPE "C" STORM INLET.
 - Q. $3/4" \times 3/4" \times 1/2" \times 1/2" \times 7' - 6"$ FOR DOUBLE GRATE TYPE "C" STORM INLET.
 - R. ANCHOR.



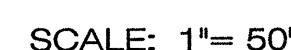
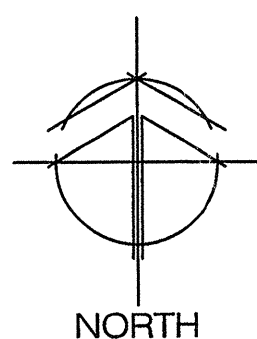
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			ELEVATION = 4944.03 FT.	MICRO-FILM INFORMATION		
				RECORDED BY	DATE	
				NO.		

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	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP												
TINGLEY PARK RECONSTRUCTION MISCELLANEOUS DETAILS													
Design Review Committee	City Engineer Approval	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="5" style="width: 30px; text-align: center; vertical-align: middle;">Last Design Update</td> <td style="width: 30%; padding: 2px;">Mo./Day/Yr.</td> <td style="width: 30%; padding: 2px;">Mo./Day/Yr.</td> </tr> <tr><td style="height: 25px;"></td><td></td></tr> <tr><td style="height: 25px;"></td><td></td></tr> <tr><td style="height: 25px;"></td><td></td></tr> <tr><td style="height: 25px;"></td><td></td></tr> </table>	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.								
Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.											
City Project No. 7963.03	Zone Map No. K-13	Sheet C-505											

**WILSON
& COMPANY**
4900 LANG AVE N.E.
SUITE 100
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000
FAX (505) 348-4072
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WCEA #0660012300
MARCH 2007



1 CONSTRUCT 10' HT CHAINLINK FENCE WITH CONCRETE MOW STRIP. REFERENCE COA STANDARD DETAIL DWG. 2725 AND DETAILS _____

2 CONSTRUCT 10' HEIGHT, 20" WIDE CHAINLINK GATE. REFERENCE DETAILS _____

3 CONSTRUCT CHAINLINK DUGOUT. REFERENCE DUGOUT FLOOR PLAN AND SECTION DETAILS _____

4 CONSTRUCT CHAINLINK BACKSTOP. REFERENCE DETAIL _____

5 FURNISH AND INSTALL WINDSCREEN FABRIC ON FENCE. FABRIC SHALL BE WINDSCREEN DIAMOND WEAVE WINDSCREEN, 9' HIGH, COLOR FOREST GREEN. THE WINDSCREEN SHALL BE CONSTRUCTED OF AN 8.5 CUBIC INDUSTRIAL VINYL COATED FABRIC, HEAT SET COLOR, AND RESISTANT TO FADING, UV, MILDEW, HEAT, COLD AND MOISTURE. FABRIC WILL NOT UNRAVEL WHEN CUT. FABRIC HEMS ARE TO BE TRIPLE REINFORCES WITH NYLON WEBBING AND DOUBLE SEWN. BRASS GROMMETS ARE TO BE SPACED EVERY 12" ON THE PERIMETER. BLOCKAGE TO BE RATED AT 80%. FABRIC SHALL BE AS MANUFACTURED BY S&O CORPORATION, 800-624-7853, OR APPROVED EQUAL. REFERENCE : www.windscreen.bizstep.com. INSTALL 12" FROM BOTTOM OF FENCE PER MANUFACTURER'S INSTRUCTIONS.

6 CONTRACTOR SHALL PROVIDE AND INSTALL A 4" THICK LAYER OF SOIL-TEX (INFIELD RED CLAYSAND MIXTURE), AS AVAILABLE FROM BUILDOLGY, INC. (605-345-1055), OR APPROVED EQUAL. TOP OF INFIELD MIX SHALL BE FLUSH WITH TOP OF OUTFIELD TURF AND SHALL MEET FINISH GRASSES AS SHOWN ON SHEET _____.

7 EXISTING CONCRETE SWALE. SEE CIVIL DRAWINGS SHEET _____

8 CONSTRUCT 5' X 5' CONCRETE TREE WELL. REFERENCE PLANTING PLAN SHEET _____ AND DETAIL _____

9 CONSTRUCT CONCRETE RAMP AT PLAY AREA WITH TURN DOWN EDGE. SEE DETAIL _____, AND REFERENCE COA STANDARD DETAIL DWG. 2728.

10 CONSTRUCT CONTAINMENT WALL AT PLAY AREA SEE DETAIL _____.

11 FURNISH AND INSTALL PICNIC TABLES. PICNIC TABLES SHALL BE DUMOR RECYCLED PLASTIC PICNIC TABLE MODEL NO. 100-80PL (6) AND 100-68PL (H/C 3), SUPPORT OPTION, S-1 EMBEDMENT. COLOR: RECYCLED PLASTIC COLOR GREY, POLYESTER POWDER FINISH BRONZE. INSTALL PER MANUFACTURER'S INSTRUCTIONS. AVAILABLE FROM DUMOR, INC. (800) 598-4018, www.dumor.com.

12 CONSTRUCT CONCRETE PAVERS. CONCRETE PAVERS SHALL BE PAVESTONE "HOLLAND" STONE INTERLOCKING CONCRETE PAVING STONE, PATTERN: PARQUET. CONCRETE PAYER COLOR SHALL BE WINTER BLEND. A BORDER EDGE OF PAVESTONE "HOLLAND" STONE COLOR-CHARCOAL SHALL BE CONSTRUCTED AROUND THE ENTIRE PERIMETER OF THE PAVERS TO PROVIDE A FINISHED EDGE. SEE DETAIL _____.

13 CONTRACTOR SHALL CONSTRUCT 3000 PSI CONCRETE PAVEMENT MEDIUM BROOM FINISH REFERENCE DETAILS _____ FOR JOINT LOCATIONS SEE LANDSCAPE LAYOUT PLAN SHEET _____.

14 FURNISH AND INSTALL TRASH RECEPTACLES. TRASH RECEPTACLES SHALL BE BEARSAVER 24" HEAVY DUTY LITTER RECEPTACLE, MODEL NO. RS-26, COLOR: FIR GREEN. TRASH RECEPTACLE AVAILABLE FROM BEARSAVER (MCCLINTOCK METAL FABRICATORS) (800) 605-1697, www.bearsaaver.com. INSTALL PER MANUFACTURER'S INSTRUCTIONS.

15 FURNISH AND INSTALL BENCHES. BENCHES SHALL BE DUMOR RECYCLED PLASTIC BACKLESS BENCH, MODEL NO. 105 SUPPORT OPTION, S-1 EMBEDMENT. COLOR: RECYCLED PLASTIC COLOR GREY, POLYESTER POWDER FINISH BRONZE. INSTALL PER MANUFACTURER'S INSTRUCTIONS. AVAILABLE FROM DUMOR, INC. (800) 598-4018, www.dumor.com.

16 FURNISH AND INSTALL BICYCLE RACK. BICYCLE RACK SHALL BE DUMOR 125 SERIES, 4 PEAKS, SURFACE MOUNT, COLOR HOT DIPPED GALVANIZED. INSTALL PER MANUFACTURER'S INSTRUCTIONS. AVAILABLE FROM DUMOR, INC. (800) 598-4018, www.dumor.com.

17 CONSTRUCT SAFETY NETTING WITH POST AND CABLE SYSTEM AND CHAINLINK FENCE. SEE DETAILS _____ AND _____.

18 RAILING. SEE CIVIL SHEET AND DETAIL _____

19 FURNISH AND INSTALL PLAY EQUIPMENT. SEE SHEET _____ FOR PLAY AREA PLANS AND EQUIPMENT PLACEMENT.

20 FURNISH AND INSTALL "FITCORE" EXERCISE EQUIPMENT. SEE SHEET _____ FOR "FITCORE" AREA PLANS AND EQUIPMENT PLACEMENT.

21 FURNISH AND INSTALL SHADE STRUCTURES. SHADE STRUCTURE SHALL BE "MEGA-SPAN 48' X 58' CLEAR SPAN SHADE COVER, EAVE HEIGHT 14'. COLOR: "COOLNET" SHADE FABRIC FOREST GREEN, POSTS AND FRAME EVERGREEN. SHADE STRUCTURE SHALL BE AS MANUFACTURED BY SHADE SYSTEMS, INC., 4150 SW 19TH STREET, OCALA, FL 34474, PHONE 800-609-6066, www.shadesystemsinc.com. INSTALL PER MANUFACTURER'S INSTRUCTIONS WITH AN IN GROUND BURY FOOTING DESIGN, DESIGNED & DETAILED BY THE MANUFACTURER.

22 FURNISH AND INSTALL SHADE STRUCTURES. SHADE STRUCTURE SHALL BE "MEGA-SPAN 48' X 50' CLEAR SPAN SHADE COVER, EAVE HEIGHT 14'. COLOR: "COOLNET" SHADE FABRIC FOREST GREEN, POSTS AND FRAME EVERGREEN. SHADE STRUCTURE SHALL BE AS MANUFACTURED BY SHADE SYSTEMS, INC., 4150 SW 19TH STREET, OCALA, FL 34474, PHONE 800-609-6066, www.shadesystemsinc.com. INSTALL PER MANUFACTURER'S INSTRUCTIONS WITH AN IN GROUND BURY FOOTING DESIGN, DESIGNED & DETAILED BY THE MANUFACTURER.

23 FURNISH AND INSTALL SHADE STRUCTURES. SHADE STRUCTURE SHALL BE "T-CANTILEVERS", 14' X 18' SHADE COVER, EAVE HEIGHT 12'. COLOR: "COOLNET" SHADE FABRIC FOREST GREEN, POSTS AND FRAME EVERGREEN. SHADE STRUCTURE SHALL BE AS MANUFACTURED BY SHADE SYSTEMS, INC., 4150 SW 19TH STREET, OCALA, FL 34474, PHONE 800-609-6066, www.shadesystemsinc.com. INSTALL PER MANUFACTURER'S INSTRUCTIONS WITH AN IN GROUND BURY FOOTING DESIGN, DESIGNED & DETAILED BY THE MANUFACTURER.

24 FURNISH AND INSTALL SHADE STRUCTURES. SHADE STRUCTURE SHALL BE "T-CANTILEVERS", 12' X 18' SHADE COVER, EAVE HEIGHT 12'. COLOR: "COOLNET" SHADE FABRIC FOREST GREEN, POSTS AND FRAME EVERGREEN. SHADE STRUCTURE SHALL BE AS MANUFACTURED BY SHADE SYSTEMS, INC., 4150 SW 19TH STREET, OCALA, FL 34474, PHONE 800-609-6066, www.shadesystemsinc.com. INSTALL PER MANUFACTURER'S INSTRUCTIONS WITH AN IN GROUND BURY FOOTING DESIGN, DESIGNED & DETAILED BY THE MANUFACTURER.

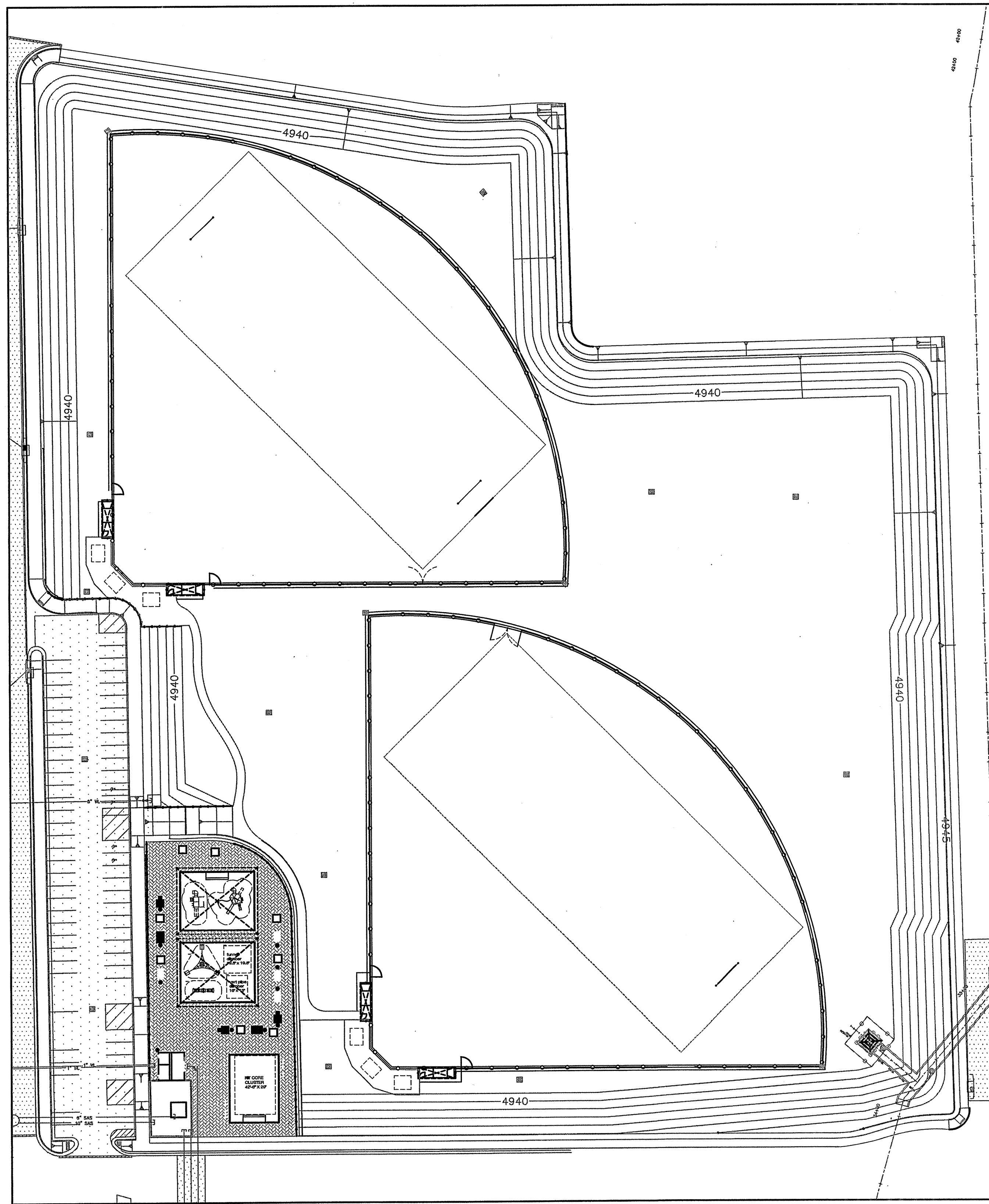
25 FURNISH AND INSTALL SHADE STRUCTURES. SHADE STRUCTURE SHALL BE "T-CANTILEVERS", 8' X 27' SHADE COVER, EAVE HEIGHT 12'. COLOR: "COOLNET" SHADE FABRIC FOREST GREEN, POSTS AND FRAME EVERGREEN. MANUFACTURED BY SHADE SYSTEMS, INC., 4150 SW 19TH STREET, OCALA, FL 34474, PHONE 800-609-6066, www.shadesystemsinc.com. INSTALL PER MANUFACTURER'S INSTRUCTIONS WITH AN IN GROUND BURY FOOTING DESIGN, DESIGNED & DETAILED BY THE MANUFACTURER.

26 FURNISH AND INSTALL STEEL BLEACHERS. STEEL BLEACHERS SHALL BE 5 ROW, 12' LENGTH GALVANIZED STEEL BLEACHERS WITH NON-CLIMBABLE GUARD RAILS AS MANUFACTURED BY HIGHLAND PRODUCTS GROUP (THE PARK CATALOG), 3350 NW BOCA RATON BLVD., SUITE B2, BOCA RATON, FL 33431, PHONE (888) 447-2401, www.theparkcatalog.com, OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S INSTRUCTIONS.

27 FURNISH COMBINATION FOOTBALL/SOCCER GOALS AS MANUFACTURED BY BISON, INC. MODEL # FBSC-WT WITH FB20EXT-WT FOOTBALL UPRIGHTS AND SC02BS EUROPEAN BACKSTAYS WITH SC06BN SOCCER NET AND SO10 NET ATTACHMENT KIT. INSTALL GROUND SLEEVES MODEL #BA703. (OR APPROVED EQUAL) AVAILABLE FROM GARDENSWARTZ TEAM SALLS, ALBUQUERQUE, NM 505-884-1234

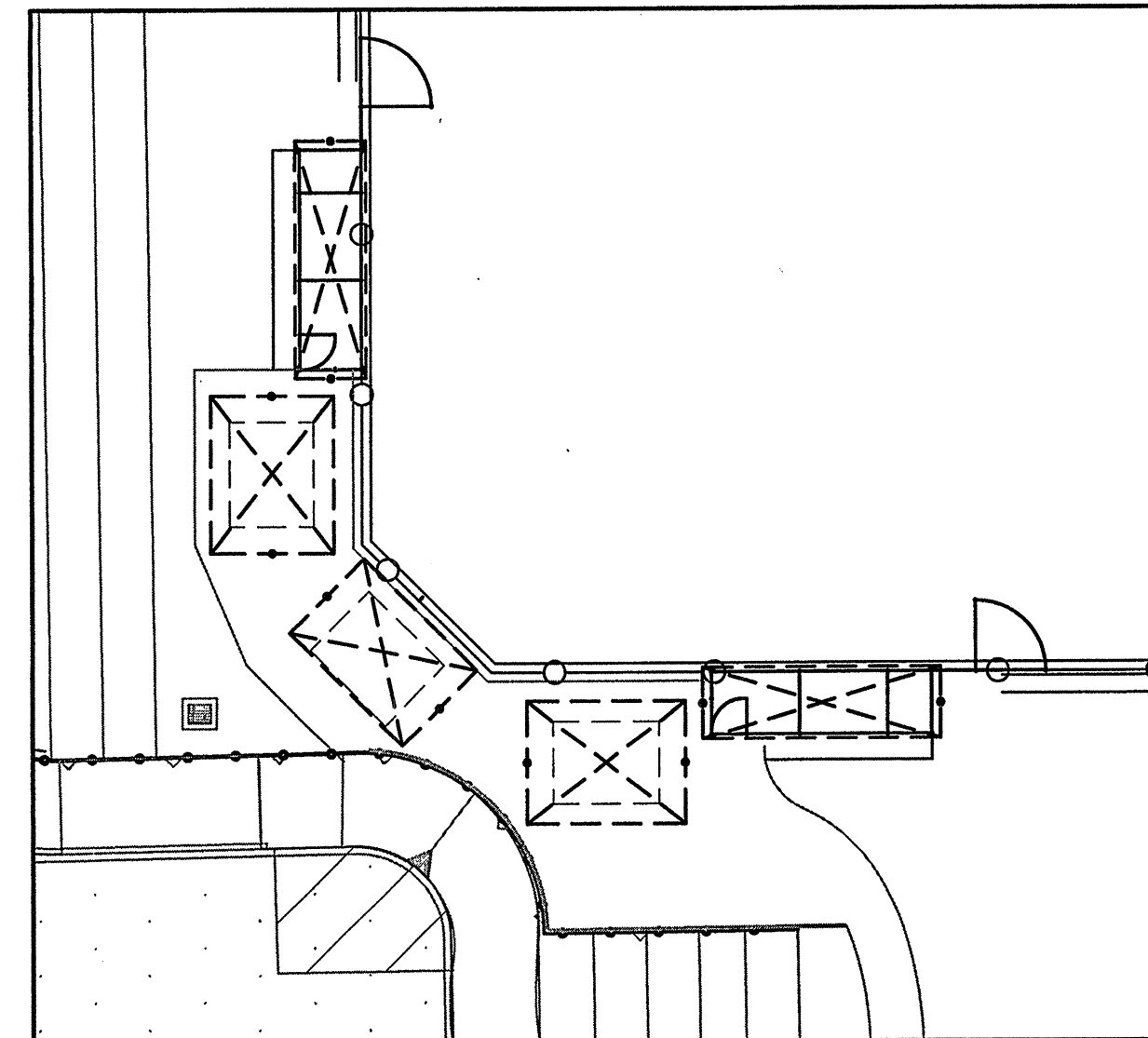
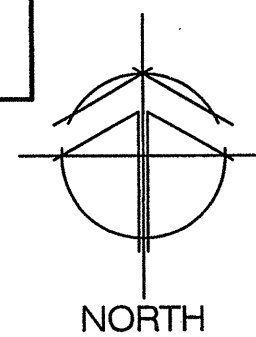
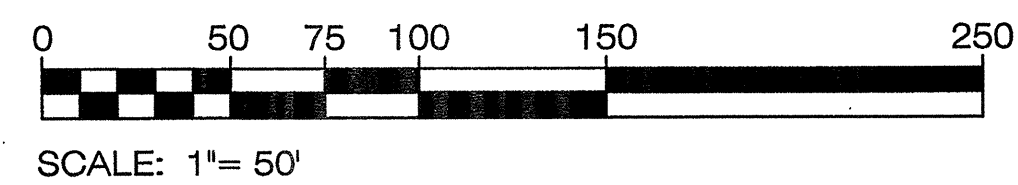
28 8" WIDE CONCRETE WALK WITH 4" WIDE STABILIZED CRUSHER FINES PATH AND 1" WIDE CONCRETE MOW STRIP. SEE CIVIL DRAWINGS SHEET _____

 WILSON & COMPANY 4900 LANG AVE. N.E. SUITE 100 ALBUQUERQUE, NEW MEXICO 87109 (505) 348-4000 FAX (505) 348-4072 www.wilsonco.com	CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT STORM DRAINAGE				
	TINGLEY PARK RECONSTRUCTION LANDSCAPE CONSTRUCTION PLAN 95% SUBMITTAL				
 TERRA CREATAS Landscape Architecture 4500 Grand St. NE, Albuquerque, NM 87109 505.471.5062 C. Patricia Westbrooks, ASLA	Design Review Committee	City Engineer Approval	Least Design Update	Mo./Day/Yr.	
City Project No.	7963.03	Zone Map No.	K-13	Sheet	
				L101	

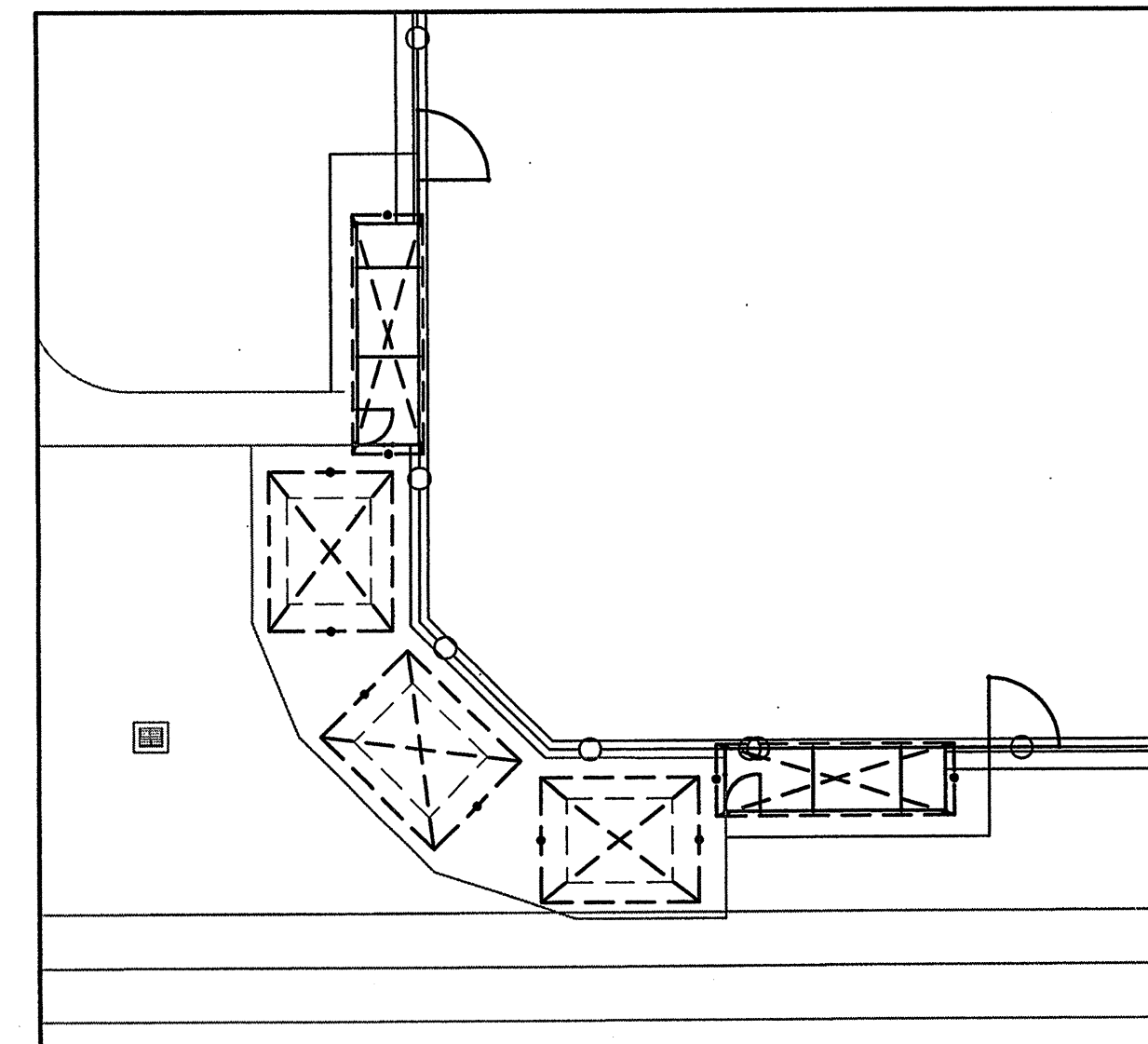


COORDINATE POINTS

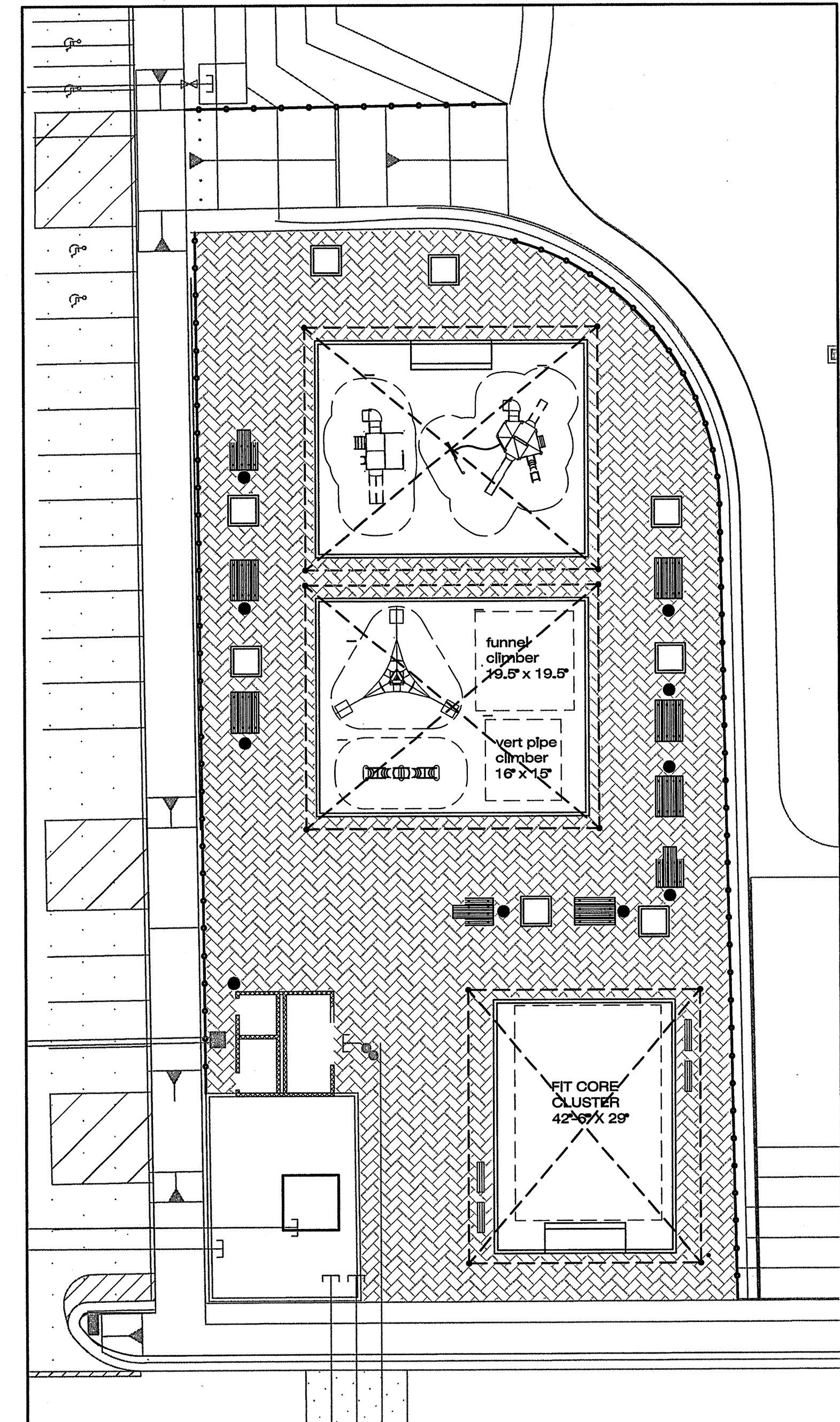
COORDINATE POINTS



DIMENSION PLAN N. FIELD BLEACHER AREA



DIMENSION PLAN S. FIELD BLEACHER AREA



DIMENSION PLAN PLAY AREA ISLAND

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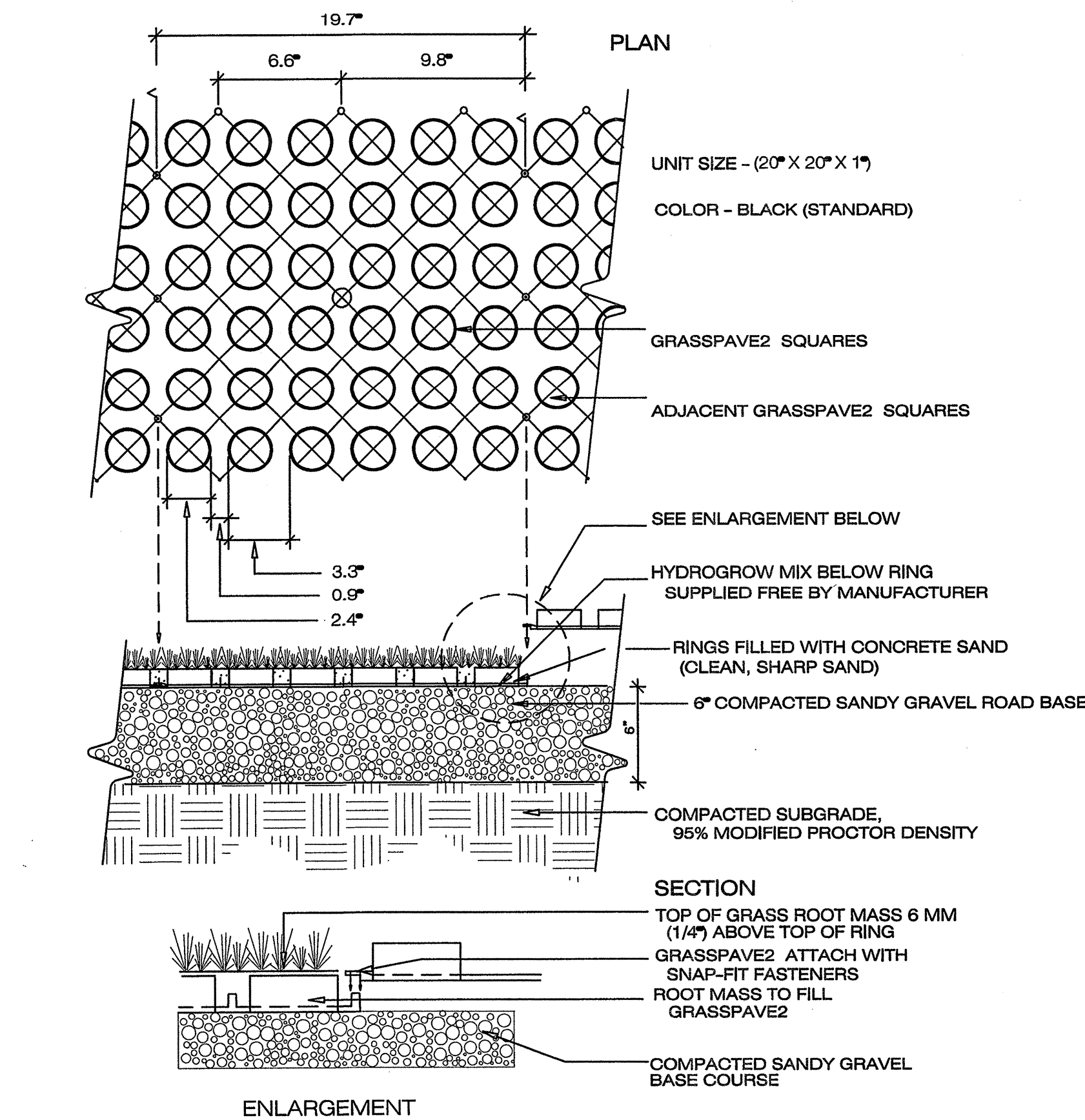
TERRA CREATAS
Landscape Architecture
4504 Pineda St N.E. Albuquerque, NM 87109
505.481.5052
C. Patricia Westbrook, ASLA

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT STORM DRAINAGE	
TINGLEY PARK RECONSTRUCTION LANDSCAPE CONSTRUCTION LAYOUT PLAN 95% COMPLETION	
Design Review Committee	City Engineer Approval
City Project No. 7963.03	Zone Map No. K-13
Sheet L103	

LANDSCAPE ARCHITECT'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
		FIELD NOTES	NO.	BY	DATE	DESIGNED BY	DATE
						DRAWN BY	DATE
						CHECKED BY	DATE
						RECORDED BY	DATE
						DESIGNED BY	DATE
						DRAWN BY	DATE
						CHECKED BY	DATE
						RECORDED BY	DATE

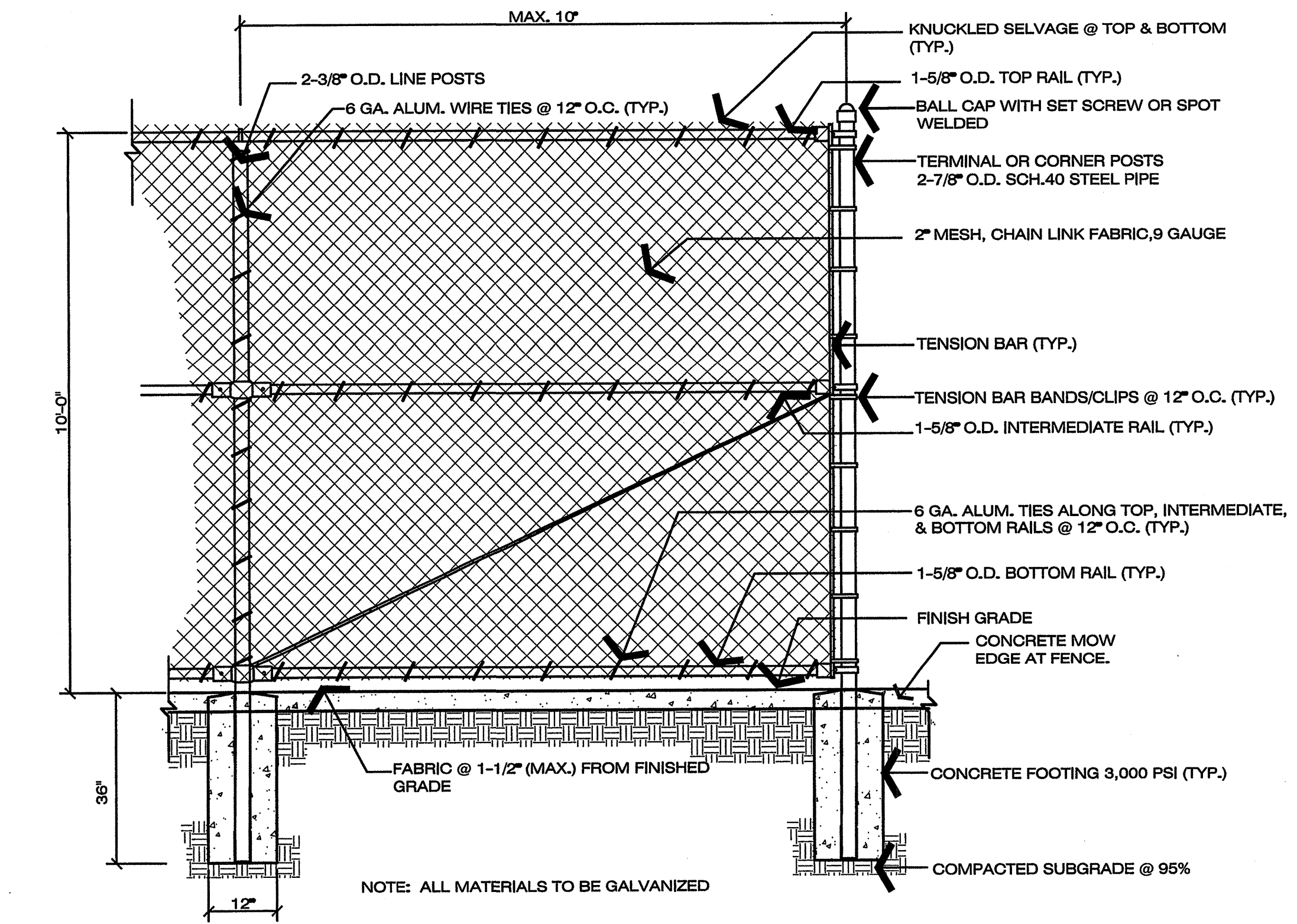
NO.		DATE	REMARKS	BY
REVISIONS				
TERRA CREATAS LANDSCAPE ARCHITECTURE				
DESIGNED BY	CPW	DATE	APRIL 07	
DRAWN BY	CPW	DATE	APRIL 07	

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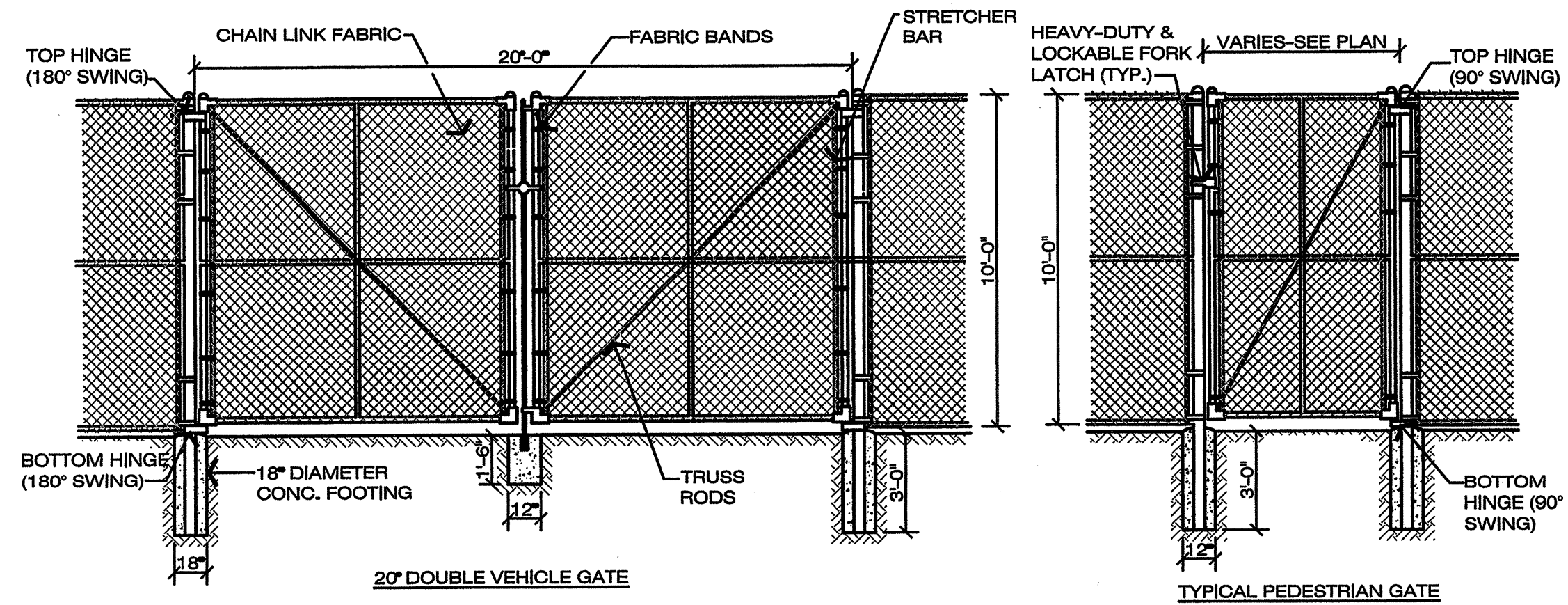


NOTES: 1. FOR TURF SPECIFICATION - SEE PLANTING PLAN
2. GRASSPAVE2 (OR APPROVED EQUAL) IS AVAILABLE FROM
INVISIBLE STRUCTURES, INC. (800) 233-1510

GRASSPAVE2 INSTALLATION



10' CHAIN LINK FENCE (WITHOUT FABRIC SCREEN)



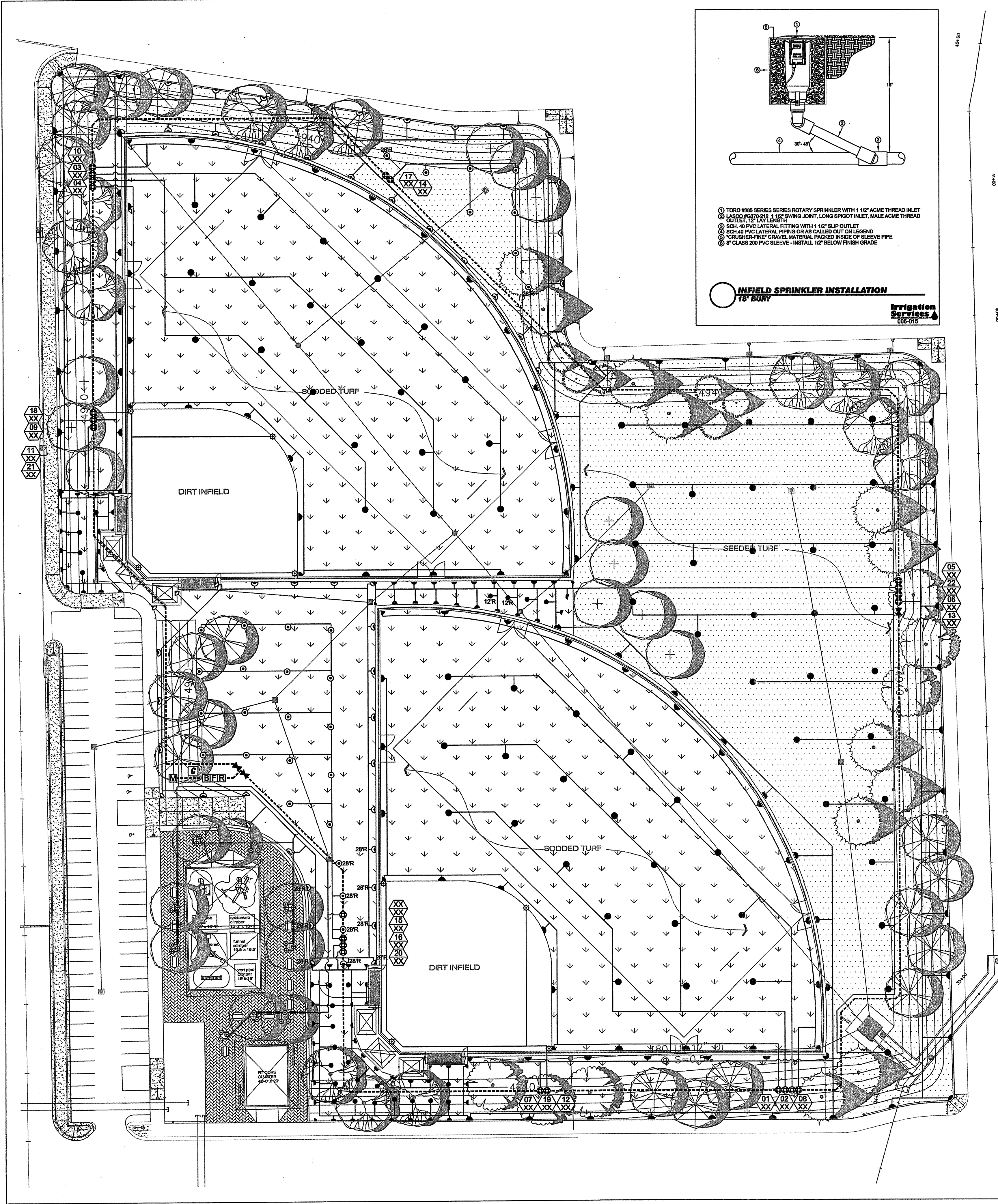
NOTES:
1. FENCE FABRIC SHALL BE SECURED TO GATE FRAMES WITH KNUCKLED
SELVAGE ALONG ALL EDGES FOR ALL TYPES CHAIN LINK FENCE
INSTALLATIONS.
2. GATES ARE TO SWING INSIDE THE FIELD. SEE LANDSCAPE
CONSTRUCTION PLAN.
3. CONTRACTOR SHALL INSTALL FENCING AND GATES PER THESE
DETAILS AND THE MANUFACTURERS INSTRUCTIONS.

10' CHAIN LINK FENCE - DOUBLE & SINGLE GATE

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WILSON & COMPANY 4800 LANG AVE N.E. SUITE 100 ALBUQUERQUE, NEW MEXICO 87109 (505) 348-4000 FAX (505) 348-4072 www.wilsonco.com		CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT STORM DRAINAGE TINGLEY PARK RECONSTRUCTION LANDSCAPE CONSTRUCTION DETAILS 95% COMPLETION	
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
Terra Creatas Landscape Architecture 4508 Grand St. N.E. Albuquerque, NM 87109 202.681.2002 C. Patricia Westbrook, ASLA		City Project No.	Zone Map No.
		7963.03	K-13
		Sheet	
		L107	



IRRIGATION NOTES

WATER PRESSURE:
THE WATER PRESSURE AT THIS SITE HAS BEEN REPORTED TO BE 94.1 PSI BY COA WATER UTILITIES DEPARTMENT. THE CONTRACTOR SHALL VERIFY THE DESIGN CRITERIA OF THIS SYSTEM BY COMPLETING A FLOW / PRESSURE TEST PRIOR TO THE INSTALLATION OF ANY IRRIGATION COMPONENTS. THE CONTRACTOR SHALL INSTALL A FLOW METER AND WATER PRESSURE GAUGE ON THE DOWNSTREAM SIDE OF THE WATER METER. THE CONTRACTOR SHALL MEASURE THE DYNAMIC WATER PRESSURE AT THE FLOW NOTED BELOW, AND REPORT HIS FINDINGS IN WRITING TO THE IRRIGATION CONSULTANT. THE CONTRACTOR SHALL PREPARE A NOTICE TO PROCEED, IN WRITING FROM THE CITY PROJECT MANAGER UPON ACCEPTABLE CONDITIONS.
DESIGN FLOW / PRESSURE CRITERIA: XX PSI (DYNAMIC) @ XXX GPM

SPRINKLER STAKING:
THE SPRINKLER LOCATIONS SHALL BE PRECISELY LOCATED BY THE USE OF SURVEY GRADE GPS EQUIPMENT OR CONVENTIONAL SURVEY METHODS. THE FINAL STAKED SPRINKLER LOCATIONS SHALL BE BASED ON AS-BUILT SURVEY DATA OF THE HARDSCAPE SURROUNDING THE TURF AREAS. THE IRRIGATION CONSULTANT SHALL GPS SURVEY AND STAKE THE LOCATIONS OF THE ROTARY SPRINKLERS. THE COSTS OF THESE SERVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
OR
THE CONTRACTOR SHALL HIRE HIS OWN SURVEY FIRM TO PROVIDE AS-BUILT SURVEY DATA OF THE HARDSCAPE AREAS SURROUNDING THE TURF AREAS IN DIGITAL AUTOCAD FORMAT. THE DATA SHALL THEN BE FORWARDED TO THE IRRIGATION CONSULTANT, WHO WILL ADJUST SPRINKLER LOCATIONS ACCORDINGLY BASED ON THIS DATA. THE IRRIGATION CONSULTANT SHALL PROVIDE THE COORDINATE DATA OF EACH SPRINKLER LOCATION TO THE CONTRACTOR'S SURVEY FIRM TO FIELD LOCATE. THE COSTS OF THESE SERVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

CERTIFIED LANDSCAPE IRRIGATION AUDIT:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A CERTIFIED LANDSCAPE WATER AUDIT TO DETERMINE THE DISTRIBUTION UNIFORMITY FOR ALL TURF-GRASS AREAS. THE AUDIT MATERIALS SHALL BE INSTALLED IN TURF-GRASS AREAS UNTIL DISTRIBUTION UNIFORMITY RESULTS HAVE BEEN ACCEPTED BY THE CITY. FOR INSURING THAT THE SPRINKLER IRRIGATION SYSTEM IS IN FULL WORKING ORDER PRIOR TO AUDIT, THERE SHALL BE NO CLOGGED OR MISSING NOZZLES, NON-ROTATING SPRINKLERS, MUST BE REPAIRED OR REPLACED. THE CONTRACTOR SHALL NOTIFY THE IRRIGATION CONSULTANT AND EACH SPRINKLER MUST BE PROPERLY SET AND LEVELED. THE CONTRACTOR SHALL ALSO SET ALL PRESSURE REGULATION DEVICES OR VALVE FLOW CONTROLS (IF APPLICABLE) TO THE DISCHARGE PRESSURE INDICATED ON PLAN.

SPECIFICATIONS AND DETAIL DRAWINGS:
THE CONTRACTOR SHALL REFER TO THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS AND DETAIL DRAWINGS FOR IRRIGATION CONSTRUCTION. IN THE EVENT OF A CONFLICT BETWEEN SPECIFICATIONS AND IRRIGATION DESIGN, THE CONTRACTOR SHALL NOTIFY THE IRRIGATION CONSULTANT IN WRITING. THE CONTRACTOR SHALL NOT PROCEED WITH INSTALLATION OF CONFLICTING IRRIGATION COMPONENTS UNTIL HE RECEIVES CLARIFICATION IN WRITING FROM THE CONSULTANT.

TREE / SHRUB LOCATIONS:
ON THESE PLANS IS SCHEMATIC. THE CONTRACTOR SHALL INSTALL ALL PIPING OUTSIDE OF THE ROOT ZONE OF TREES OR SHRUBS. THE SPRINKLER LOCATIONS SHOWN ON THESE PLANS ARE FIXED AND MUST BE FIELD LOCATED AS CLOSELY AS POSSIBLE TO LOCATIONS SHOWN ON PLANS TO MEET THE INTENDED DISTRIBUTION UNIFORMITY. THE CONTRACTOR SHALL FIELD ADJUST ANY TREE LOCATIONS THAT ARE SHOWN TO BE CLOSER THAN 12" FROM ANY SPRINKLER HEAD. IF SUBSTANTIAL TREE REARRANGING OR REMOVAL IS REQUIRED, THE CONTRACTOR SHALL HAVE HIS PROPOSED LOCATIONS APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING.

SPRINKLER NOZZLES:
THE CONTRACTOR SHALL ADJUST THE THROWING RADIUS OF ALL PERTINENT SPRINKLER NOZZLES SO AS TO MINIMIZE THE OVERSPRAY INTO HARDSCAPE OR OTHER UNINTENDED AREAS. THE CONTRACTOR SHALL ALSO INCLUDE IN HIS BID OR PRICING, AN ALLOWANCE FOR ANY SPRINKLER NOZZLE CHANGES THAT ARE DEEMED NECESSARY BY THE LANDSCAPE ARCHITECT OR IRRIGATION CONSULTANT TO CORRECT ISSUES OF OVERSPRAY, UNDERSPRAY OR DISTRIBUTION UNIFORMITY.

MAINLINE FITTINGS:
THE CONTRACTOR SHALL USE TWO (2) 45 DEGREE ELBOWS FOR EACH 90 DEGREE MAINLINE BEND AS PER CITY OF ALBUQUERQUE'S REQUEST.

IRRIGATION SATELLITE:
FOR SCORPIO SATELLITES, THE CONTRACTOR SHALL HAVE A RADIO SIGNAL STRENGTH SURVEY PERFORMED TO VERIFY PROPER RADIO COMMUNICATION FROM IRRINET CONTROLLER LOCATION TO PROPOSED SCORPIO CONTROLLER LOCATION, PRIOR TO THE INSTALLATION OF THE SCORPIO CONTROLLER. THE CONTRACTOR SHALL CONTACT: WATER RESOURCES, INC. (MARK MATHEIS) (505) 888-1388 FOR THIS SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE RADIO SIGNAL STRENGTH SURVEY.

IRRIGATION SCHEDULE

VALVE ID	SAT. PROGRAM	EMISSION TYPE	VALVE FLOW	PRECIP. RATE	RUNTIME
01	A	I-25 - FC	111.1 GPM	.43" / hr	92 MIN
02	A	I-25 - FC	161.6 GPM	.43" / hr	92 MIN
03	A	I-25 - FC	161.6 GPM	.43" / hr	92 MIN
04	A	I-25 - FC	111.1 GPM	.43" / hr	92 MIN
05	B	I-25 - FC	161.6 GPM	.43" / hr	92 MIN
06	B	I-25 - FC	161.6 GPM	.43" / hr	92 MIN
07	C	I-25 - FC	125.12 GPM	.86" / hr	46 MIN
08	C	I-25 - PC	115.02 GPM	.86" / hr	46 MIN
09	C	I-25 - PC	125.12 GPM	.86" / hr	46 MIN
10	C	I-25 - PC	115.02 GPM	.86" / hr	46 MIN
11	D	I-25 - PC	162.33 GPM	.86" / hr	46 MIN
12	D	I-25 - PC	212.93 GPM	.86" / hr	46 MIN
13	D	I-25 - PC	222.20 GPM	.86" / hr	46 MIN
14	E	I-20 - FC	21.6 GPM	.21" / hr	180 MIN
15	E	I-20 - FC	58.7 GPM	.21" / hr	180 MIN
16	F	I-20 - PC	67.9 GPM	.42" / hr	95 MIN
17	F	I-20 - PC	71.2 GPM	.42" / hr	95 MIN
18	F	I-20 - PC	22.6 GPM	.42" / hr	95 MIN
19	F	I-20 - PC	22.6 GPM	.42" / hr	95 MIN
20	G	SPRAY	124.84 GPM	1.83" / hr	22 MIN
21	G	SPRAY	46.23 GPM	1.83" / hr	22 MIN
22	G	SPRAY	53.63 GPM	1.83" / hr	22 MIN
MV	MV	MV	587.46 GPM	NA	NA

TOTAL RUNTIME: 9.7 HRS

RUNTIMES ARE CALCULATED TO APPLY .66" OF WATER ON ALL TURF AREAS PER IRRIGATION CYCLE.

IRRIGATION LEGEND

- TORO #855-4-2-55-6 FULL CIRCLE / PART CIRCLE ROTARY SPRINKLER WITH CHECK VALVE, 1 1/2" ACME INLET, 65 PSI REGULATION AND #55 (GREEN) NOZZLE, SET 71" RADIUS, 30.3 GPM @ 50 PSI
- HUNTER #1-25-38S-10 FULL CIRCLE ROTARY SPRINKLER WITH STAINLESS STEEL RISER, CHECK VALVE AND #10 NOZZLE (51" R, 10.1 GPM, .43" / hr @ 50 PSI) NOMINAL SPACING = 48"
- HUNTER #1-25-ADS-10 PART CIRCLE ROTARY SPRINKLER WITH STAINLESS STEEL RISER, CHECK VALVE AND #10 NOZZLE (51" R, 10.1 GPM, .43" / hr @ 50 PSI) NOMINAL SPACING = 48"
- HUNTER #1-25-ADS-7 PART CIRCLE ROTARY SPRINKLER WITH STAINLESS STEEL RISER, CHECK VALVE AND #7 NOZZLE (47" R, 7.01 GPM, .70" / hr @ 50 PSI) NOMINAL SPACING = 48"
- HUNTER #1-20-38S-3.0 FULL CIRCLE ROTARY SPRINKLER WITH STAINLESS STEEL RISER, CHECK VALVE AND #3.0 NOZZLE (38" R, 2.7 GPM, .86" / hr @ 50 PSI) NOMINAL SPACING = 35"
- HUNTER #1-20-ADS-3.0 PART CIRCLE ROTARY SPRINKLER WITH STAINLESS STEEL RISER, CHECK VALVE AND #3.0 NOZZLE (38" R, 2.7 GPM, .86" / hr @ 50 PSI) NOMINAL SPACING = 35"
- HUNTER #1-20-ADS-1.5 PART CIRCLE ROTARY SPRINKLER WITH STAINLESS STEEL RISER, CHECK VALVE AND #1.5 NOZZLE (34" R, 1.6 GPM, .31" / hr @ 50 PSI) NOMINAL SPACING = 35"
- RAINBIRD 1804 SAM-PRS-MPR SERIES SPRAY HEADS
FULL = 15R, 3.70 GPM, 1.83" / hr @ 30 PSI
HALF = 15R, 1.85 GPM, 1.83" / hr @ 30 PSI
QUARTER = 15R, 0.92 GPM, 1.83" / hr @ 30 PSI
VAN = 15R, 0.92 GPM, 1.83" / hr @ 30 PSI @ 90 DEGREE COVERAGE
- RAINBIRD #1401 25 GPM FULL CIRCLE, PRESSURE COMPENSATING, TRICKLE PATTERN BUBBLER (25 GPM @ 30 PSI)
- RAINBIRD #100-PEB 1" PLASTIC ELECTRIC VALVE WITH FLOW CONTROL (VALVE PERFORMANCE: (1-30 GPM) 5.6 PSI LOSS @ 30 GPM)
- RAINBIRD #150-PEB 1 1/2" PLASTIC ELECTRIC VALVE WITH FLOW CONTROL (VALVE PERFORMANCE: (31-75 GPM) 4.2 PSI LOSS @ 75 GPM)
- RAINBIRD #200-PEB 2" PLASTIC ELECTRIC VALVE WITH FLOW CONTROL (VALVE PERFORMANCE: (76-100 GPM) 3.9 PSI LOSS @ 100 GPM)
- WEATHERMATIC #8200CR-30 3" BRASS, CONTAMINATE RESISTANT, ELECTRIC VALVE WITH FLOW CONTROL (VALVE PERFORMANCE: 101-250 GPM) 7.1 PSI LOSS @ 250 GPM)
- PUSH-ON IRON BODY GATE VALVE - LINE SIZE
- IRRIGATION SATELLITE CONTROLLER - MOTOROLA IRRINET CONTROLLER INSTALLED IN AN INTERSPEC CABINET, REMOTE READY WITH COA COMMUNICATION RADIO AND STATION SWITCHES (XX STATION OUTPUT)
- WATER METER - SENSUS METERING SYSTEMS #W-2000-DR 6" TURBO WATER METER (CONTRACTOR TO INCLUDE ALL INSTALLATION COSTS ASSOCIATED WITH PROVIDING WATER METER INCLUDING UTILITY EXPANSION CHARGES) INSTALL AS PER COA SPECIFICATIONS (< 1.0 PSI LOSS AT 800 GPM)
- BACKFLOW PREVENTER - FEBCO #880V-6 REDUCED PRESSURE BACKFLOW PREVENTER INSTALLED INSIDE OF HOTBOX #B-4000, LOW PROFILE INSULATED ELECTRICAL ENCLOSURE WITH 500 WATT HEATER (CONTRACTOR TO PROVIDE ELECTRICAL POWER FOR HEATER)
- MASTER VALVE - CLA-VAL #
- FLOW METER
- CRISPEN #UL10.1 UNIVERSAL AIR RELEASE VALVE ASSEMBLY
- MAINLINE PIPING X" CLASS 200 PVC GASKET END PIPE
- LATERAL PIPING SCH.40 PVC SOLVENT WELD (PIPE SIZE INDICATED ON DRAWING)
- SLEEVE PIPING SCH.40 PVC SOLVENT WELD (TWO SIZES LARGER THAN PIPE TO BE SLEEVED)

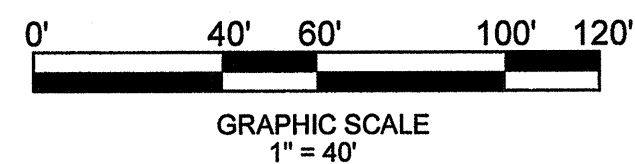
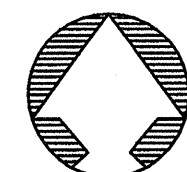
IRRIGATION FRICTION LOSSES

IRRIGATION COMPONENTS @ 800GPM (WORST CASE)	PRESSURE LOSS
6" WATER METER (SENSUS W-2000-DR)	1.0 PSI
6" RP BACKFLOW PREVENTER (FEBCO #880V)	10.0 PSI
4" FLOW METER / MASTER VALVE (CLA-VAL #XXX)	XX PSI
3" ZONE VALVE (WEATHERMATIC #8200CR SERIES)	XX PSI
LATERAL PIPE FRICTION LOSS (ESTIMATED)	XX PSI
6" MAINLINE PIPE FRICTION LOSS (CALCULATED) XXX' / .XXPSI/100'	XX PSI
ELEVATION (NOT CALCULATED FOR PRELIMINARY DESIGN)	XX PSI
TOTAL PRESSURE LOSSES: XX.XX PSI	
EXPECTED WATER PRESSURE: 94.10 PSI	
SPRINKLER OPERATING PRESSURE: XX.XX PSI	

THE WATER PRESSURE AT THIS SITE WAS REPORTED TO BE 94.1 PSI BY THE CITY OF ALBUQUERQUE'S WATER UTILITIES DEPARTMENT ON MARCH 22, 2007. THERE IS NO ESTIMATE FOR THE PRESSURE LOSSES THROUGH THE CITY WATER MAINLINE OR SERVICE LINE FEEDING THE WATER METER. THE CONTRACTOR SHALL THOROUGHLY TEST THE CONDITIONS OF THE WATER AVAILABILITY PRIOR TO THE INSTALLATION OF ANY IRRIGATION COMPONENTS.

95% SUBMITTAL IRRIGATION NOTES

THIS IRRIGATION SYSTEM DESIGN IS PROVIDED FOR A 95% SUBMITTAL REVIEW AND MAY NOT CONTAIN ALL THE COMPONENTS, CALCULATIONS OR INFORMATION NECESSARY TO MAKE INFORMED DECISIONS. ALL COMPONENTS, INFORMATION AND LOCATIONS SHOWN ON PLAN MAY CHANGE AT ANY TIME.

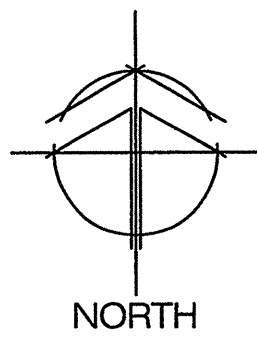


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505-841-5362
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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TINGLEY PARK RECONSTRUCTION IRRIGATION SYSTEM DESIGN - 95% SUBMITTAL	
Design Review Committee	City Engineer Approval
City Project No. XXXX.XX	Zone Map No. K-13
Sheet XX	Of XX

[illegible]



PLANT SCHEDULE



PLANTING NOTES

-
- Diagram illustrating the cross-section of a tree well construction, showing the following components and dimensions:
- Tree Location and Species per Plan:** Indicated by a tree symbol above the well.
 - 4" Depth Crushed Aggregate Mulch:** Layer surrounding the tree base.
 - Amended Backfill Mixture:** Material filling the well, with a **5'-0" sq. tree well** dimension.
 - Concrete Pavers:** Laid over the bedding sand.
 - 1/2" Bedding Sand:** Layer beneath the concrete pavers.
 - 4" Compacted Glass 5 Road Base:** Layer beneath the bedding sand.
 - 36" Depth of CU-Structural Soil or Approved Equal, Compacted to 95%:** The main structural layer of the well.
 - Subgrade Compacted to 95%:** The base layer beneath the structural soil.
 - Reinforcement:**
 - #4 Horiz. Bars @ 12" O.C.:** Horizontal reinforcement bars.
 - #4 Vert. Bars @ 18" O.C.:** Vertical reinforcement bars.
 - Dimensions:**
 - 5'-0" sq. tree well:** Overall width and depth of the well.
 - 8" and 5'-0":** Horizontal dimensions of the well opening.
 - 3'-0":** Vertical dimension of the structural soil layer.

- NOTES:**
- 1. PLANT AT SAME DEPTH MAINTAINED AT NURSERY**
 - 2. REMOVE WIRE BASKET, WOOD BOX, PLASTIC TWINE AND/OR ROPE PRIOR TO BACKFILL. REMOVE BURLAP EXCEPT FROM BOTTOM OF ROOT BALL.**

TREE WELL CONSTRUCTION & PLANTING

treewellw/ss

NTS

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& COMPANY**
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TERRA CREATAS

 Landscape Architecture
 4308 Brand St NE, Albuquerque, NM 871
 505.881.3062
C. Patricia Westbrook, ASLA

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT STORM DRAINAGE	
TINGLEY PARK RECONSTRUCTION PLANTING PLAN – 95% COMPLETION	

	Design Review Committee
--	--------------------------------

City Engineer Approval

Last Design Update

Mo./Day/Yr.

	Mo./Day/Yr.

City Project No.	
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7963.03

Zone Map No.
K-13

Sheet

L110

AS-BUILT INFORMATION	
CONTRACTOR	
WORK	
STANDARD BY	DATE
DESIGNED BY	DATE
APPROVED BY	DATE
FIELD	DATE
VERIFICATION BY	DATE
CORRECTED BY	
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

[illegible][illegible]

LANDSCAPE ARCHITECT'S SEAL



STATE OF NEW MEXICO

CATHERINE P. WESTBROOK
52

REGISTERED
LANDSCAPE ARCHITECT

[illegible]

LIGHTING FIXTURE SCHEDULE							
MARK	LAMP			VOLTS	MOUNTING		MANUFACTURER OR EQUAL
	TYPE	NO.	WATTS		TYPE	HEIGHT	
A	F32T8 3500K	2	32	120	RECESSED	CEILING	COPPER FAIL-SAFE FMR-D-12-232-120-81-86-EB81-SSN-MF12-4T
B	F32T8 3500K	2	32	120	RECESSED	CEILING	COPPER FAIL-SAFE FMS12CR-217-120-80-86-EB81
C	100W MH	1	100	120	SURFACE	WALL	LITHONIA TWAV-100M-TB-LPI-DMB
D	100W MH	1	100	240	POLE	14 FEET	LITHONIA MR1-100M-SR2-TB-RPA-TP-MR1VG-LPI
							POLE - LITHONIA RSA-14-4C-DM19AS-FBC-TP-DOB

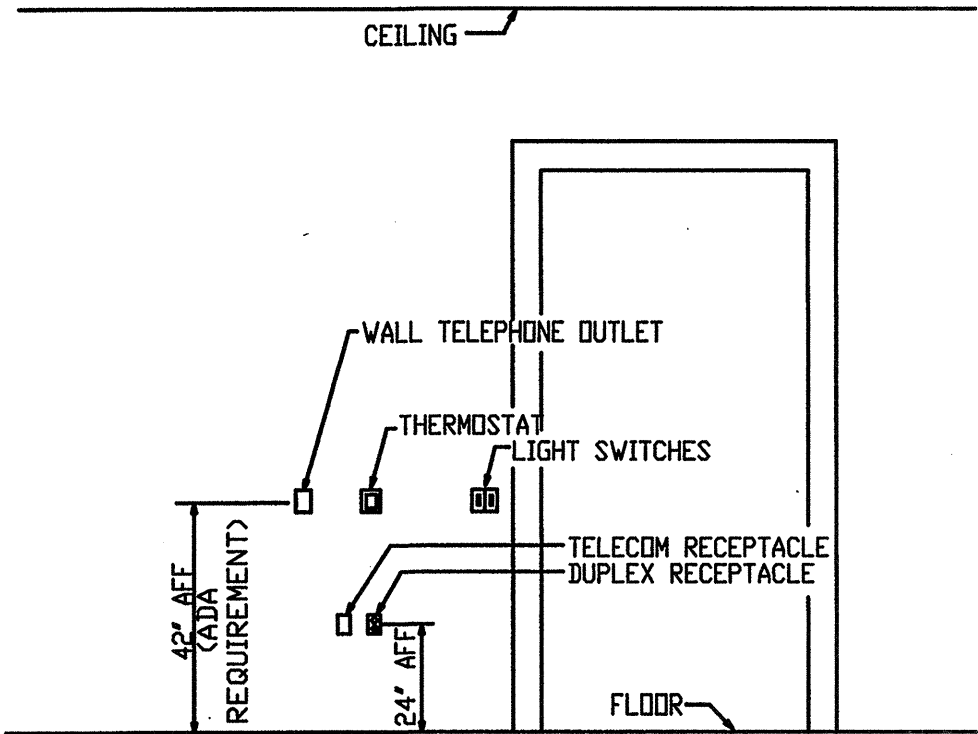
LAMP TYPES: F FLUORESCENT HPS HIGH PRESSURE SODIUM
CF COMPACT FLUORESCENT MH METAL HALIDE
INC INCANDESCENT LED LIGHT EMITTING DIODE

GENERAL NOTES:

- FLUORESCENT LAMPS SHALL BE LOW MERCURY TYPE. SEE SPECIFICATIONS
- ALL FLUORESCENT LAMPS SHALL BE 3500 DEGREES K COLOR TEMPERATURE UNLESS OTHERWISE NOTED.
- FLUORESCENT FIXTURE BALLASTS SHALL BE HIGH FREQUENCY, ELECTRONIC TYPE. SEE SPECIFICATIONS
- COORDINATE FIXTURE LOCATIONS WITH STRUCTURE AND OTHER EQUIPMENT, INCLUDING BUT NOT LIMITED TO HVAC DIFFUSERS AND GRILLS, FIRE SPRINKLERS, SPEAKERS, AND SMOKE DETECTORS.
- ALL EXTERIOR FIXTURES SHALL COMPLY WITH NEW MEXICO NIGHT SKIES PROTECTION ACT.

FIXTURE SPECIFIC NOTES:

- A. MOUNT ON WALL 6" FROM TOP OF WALL OR STRUCTURE.
B. PROVIDE POLE COMPLETE WITH FIXTURE ATTACHMENT HARDWARE, BASE PLATE, ANCHOR BOLTS, NUTS, HANDHOLE WITH COVER PLATE, AND BASE COVER



1 TYPICAL DEVICE MOUNTING ELEVATIONS
N.T.S.

GENERAL NOTES:

- COMPLETE ALL WORK IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL ELECTRICAL SAFETY CODE (NESC), AND LOCAL REGULATIONS.
- ALL ELECTRICAL EQUIPMENT SHALL BE U.L. LISTED.
- SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- THE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC IN NATURE AND SHOW RELATIVE LOCATIONS OF DEVICES AND EQUIPMENT. COORDINATE WITH THE ACTUAL EQUIPMENT INSTALLED.
- COORDINATE ELECTRICAL WORK WITH THE WORK OF OTHER TRADES.
- THERMOSTAT AND ROOM TEMPERATURE SENSOR LOCATIONS ARE SHOWN ON THE MECHANICAL DRAWINGS. REFER TO THOSE DRAWINGS FOR LOCATIONS. PROVIDE DEVICE BOXES AND CONDUIT TO THOSE LOCATIONS. COORDINATE WITH MECHANICAL.
- CONTRACTOR IS RESPONSIBLE TO LOCATE AND PROTECT UTILITY LINES AND PIPING IN THE AREA UNDER CONSTRUCTION.
- ALL STARTERS AND CONTACTORS SHALL HAVE 120 VOLT CONTROLS. PROVIDE FUSED CONNECTION FOR UNITS OPERATING AT 120 VOLTS LINE TO NEUTRAL. PROVIDE FUSED CONTROL POWER TRANSFORMERS FOR UNITS OPERATING ABOVE 120 VOLTS.
- ALL CHARGES FROM THE ELECTRICAL UTILITY TO INSTALL AND/OR MODIFY THE ELECTRICAL SERVICE TO THESE FACILITIES SHALL BE PAID BY THE CONTRACTOR.
- SEE SHEET ES-101 FOR SITE ELECTRICAL WORK.
- ALL CONDUCTORS SHALL BE COPPER.
- ALL 120 VOLT AND 277 VOLT CIRCUITS SHALL HAVE INDIVIDUAL NEUTRAL CONDUCTORS. NEUTRALS SHALL NOT BE SHARED ON MULTI-PHASE HOMERUN CIRCUITS.
- PROVIDE CONDUIT EXPANSION FITTINGS AT ALL BUILDING EXPANSION JOINTS.
- BOXES AND CONDUIT SHALL BE INSTALLED RECESSED AND CONCEALED IN AREAS OF NEW CONSTRUCTION, NEW WALLS, NEW CEILINGS, AND FURRED WALLS. BOXES AND RACEWAY INSTALLED ON EXISTING FINISHED WALLS OR HARD CEILINGS SHALL BE SURFACE RACEWAY TYPE. EXPOSED BOXES AND CONDUIT ARE PERMITTED IN ELECTRICAL ROOMS, MECHANICAL ROOMS.
- CONDUIT ROUTING: ALL CONDUITS SHALL BE ROUTED IN WALLS AND CEILING SPACES UNLESS SPECIFICALLY SHOWN OTHERWISE. CONDUITS SHALL NOT BE PLACED BELOW FLOOR SLABS EXCEPT TO SERVE FLOOR BOXES, ISLAND CASEWORK, CONDUITS BETWEEN EQUIPMENT ROOMS, AND INCOMING UTILITY SERVICES UNLESS SPECIFICALLY SHOWN OTHERWISE. NO CONDUITS SHALL BE PLACED WITHIN A FLOOR SLAB.

ABBREVIATIONS

A	AMP
AFF	ABOVE FINISHED FLOOR
C	CONDUIT
C/B	CIRCUIT BREAKER
CU	CONDENSING UNIT
DF	DRINKING FOUNTAIN
EF	EXHAUST FAN
EMD	ESTIMATED DEMAND
EW	ELECTRIC WATER HEATER
EX	EXISTING
G	GUARD
GFI	GROUND FAULT CIRCUIT INTERRUPTER
H-O-A	HAND-OFF-AUTOMATIC
P	PHASE OR POLE
PF	PHASE FAILURE
RGS	RIGID GALVANIZED STEEL
V	VOLT
W	WIRE
WP	INDICATES WEATHERPROOF

ELECTRICAL SHEET LIST

E001	ELECTRICAL LEGEND & NOTES
ES101	ELECTRICAL SITE PLAN
E401	ELECTRICAL BUILDING LIGHTING & POWER PLAN
E402	ELECTRICAL ODOR CONTROL LIGHTING & POWER PLAN
E501	ELECTRICAL DETAILS
E502	ELECTRICAL POLE DETAILS
E601	ONE-LINE DIAGRAM & PANELBOARDS
E602	ELECTRICAL CONTROL DIAGRAMS

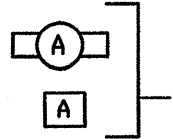
LEGEND



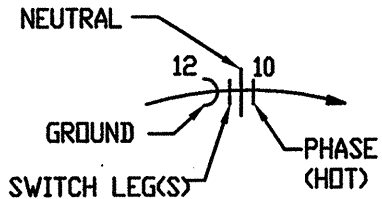
HIGH MAST POLE FIELD LIGHTING, FOR EQUIPMENT LIST AND POLE LOCATIONS SEE SHEET ES101. SEE SPECIFICATION SECTION 16526.



PATHWAY LIGHTING, 14'-0" POLE AND FIXTURE TYPE "D", SEE FIXTURE SCHEDULE, THIS SHEET. FOR POLE LOCATIONS SEE SHEET ES101.



LIGHTING FIXTURE (TYPICAL SYMBOLS) REFER TO LIGHTING FIXTURE SCHEDULE, SEE SHEET E401.



CONDUIT AND WIRING: ARROWS INDICATE HOMERUN TO PANEL. HATCH MARKS INDICATE NUMBER OF CONDUCTORS IF MORE THAN TWO PLUS ONE GROUND. NUMBER INDICATES SIZE IF OTHER THAN #12 AWG, DOES NOT APPLY TO CONDUCTORS USED FOR LIGHTING CIRCUITS. FOR LIGHTING CIRCUITS, PLANS SHOW SPECIFIC CONDUCTORS ONLY FOR UNSWITCHED POWER FEED TO FIXTURES, OR GROUPS OF FIXTURES. PLANS DO NOT SHOW WHAT CONDUCTORS ARE REQUIRED TO ACCOMPLISH LIGHTING SCHEMES SHOWN. CONTRACTOR MUST DETERMINE WHAT CONDUCTORS ARE NEEDED AMONG FIXTURES, SWITCHES, ETC, AND INCLUDE REQUIRED WIRING IN HIS BID.



CONDUITS IDENTIFIED BY A NUMBER SHALL BE LISTED IN THE CONDUIT SCHEDULES, SEE SHEET E-602.



UNDERGROUND ELECTRICAL CONDUIT AND WIRING
UNDERGROUND ELECTRICAL CONDUIT AND WIRING
EXPOSED CONDUIT



CONCEALED CONDUIT



SWITCH, SINGLE POLE



PASSIVE INFRARED WALL SWITCH FOR CONTROLLING LIGHTING CIRCUIT. 180 DEGREE COVERAGE MAXIMUM OF 900 SQ. FT. NO MINIMUM LOAD REQUIREMENT, ADJUSTABLE TIME DELAY, NO LEAKAGE TO LOAD IN THE OFF MODE.



DUPLEX RECEPTACLE 20A, NEMA CONFIGURATION 5-20R



JUNCTION BOX



EQUIPMENT CONNECTION



SAFETY SWITCH, NUMBER INDICATED FUSE SIZE. (N) INDICATES NON FUSED



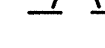
COMBINATION MAGNETIC MOTOR STARTER / DISCONNECT



MAGNETIC MOTOR STARTER



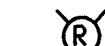
THERMOSTAT



CIRCUIT BREAKER, TRIP RATING/NUMBER OF POLES INDICATED



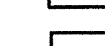
MOTOR, HP INDICATED, (* - INDICATES 1/8 HP OR LESS)



PILOT LIGHT, COLOR INDICATED



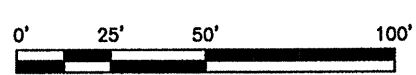
PANELBOARD, FLUSH MOUNTED



PANELBOARD, SURFACE MOUNTED

E001
WCEA #0660012300
03/2007

WILSON & COMPANY 4900 LANG AVE. N.E. SUITE 100 ALBUQUERQUE, NEW MEXICO 87109 (505) 348-4000 FAX (505) 348-4072 www.wilsonco.com	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP		
TINGLEY PARK RECONSTRUCTION ELECTRICAL LEGEND & NOTES			
Last Design Update	Design Review Committee	City Engineer Approval	Mo./Day/Yr.
City Project No.		Zone Map No.	Sheet Of
		K-13	E-001



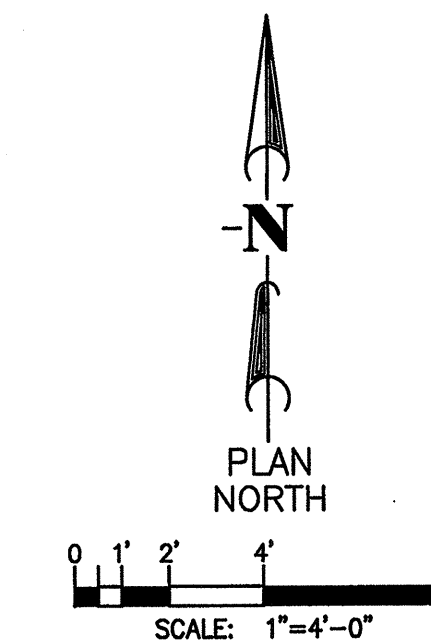
CONDUIT SCHEDULE					
CONDUIT TAG	FROM	TO	CONTAINS	CONDUIT SIZE	REMARKS
PO01	HA	A-1	3-#6, #8G.	1.5"	FIELD 1
PO02	HA	A-2	3-#6, #8G.	1.5"	FIELD 1
PO03	HA	B-1	3-#6, #8G.	1.5"	FIELD 1
PO04	HA	B-2	3-#6, #8G.	1.5"	FIELD 1
PO05	HA	C-1	3-#6, #8G.	1.5"	FIELD 1
PO06	HA	C-2	3-#6, #8G.	1.5"	FIELD 1
PO07	HA	A-1	3-#6, #8G.	1.5"	FIELD 2
PO08	HA	A-2	3-#6, #8G.	1.5"	FIELD 2
PO09	HA	B-1	3-#6, #8G.	1.5"	FIELD 2
PO10	HA	B-2	3-#6, #8G.	1.5"	FIELD 2
PO11	HA	C-1	3-#6, #8G.	1.5"	FIELD 2
PO12	HA	C-2	3-#6, #8G.	1.5"	FIELD 2
PO13	LA	SCORE BOARD	2-#10, #1G.	1"	FIELD1
PO14	LA	SCORE BOARD	2-#10, #1G.	1"	FIELD2
PO15	LA	RECEPTACLE	2-#10, #1G.	1"	POLE A2 FIELD 1
PO16	LA	RECEPTACLE	2-#10, #1G.	1"	POLE A1 FIELD 2
PO17					
PO18					
PO19					
PO20					

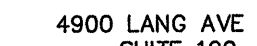
1. SEE CONDUIT SCHEDULE FOR CONDUCTOR AND CONDUIT REQUIREMENTS.
2. PROVIDE PATHWAY LIGHTING – SEE FIXTURE SCHEDULE, SHEET E001 FOR PATHWAY LIGHTING FIXTURE TYPE "D"
3. PROVIDE WIRELESS SCOREBOARD AND ALL EQUIPMENT TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM – FAIRPLAY MODEL MP-8114-2 OR APPROVED EQUAL.
4. PROVIDE HAND HOLE, SEE DETAIL 2, SHEET E501.
5. NEW UNDERGROUND SERVICE LOCATION BY PNM. SEE DETAIL 1, SHEET E601.
6. PRIMARY SERVICE. CONTRACTOR TO PROVIDE CONDUITS AND MANHOLES, PNM PROVIDES PRIMARY CONDUCTORS. SEE DETAIL 1, SHEET E601.
7. PAD MOUNTED TRANSFORMER, BY UTILITY. PAD BY CONTRACTOR PER PNM STANDARDS, SEE DETAIL 1, SHEET E501.
8. PROVIDE MANHOLE PER PNM REQUIREMENTS FOR PRIMARY SERVICE.
9. SEE ENLARGED PLAN SHEETS E401 AND E402 FOR WORK IN THIS AREA.
10. LANDSCAPED SHADED REST AND PLAYGROUND AREAS.
11. PROVIDE RECEPTACLE IN LOCKABLE NEMA 3R BOX MOUNTED TO FOUNDATION OF POLE AT 24" AFF.

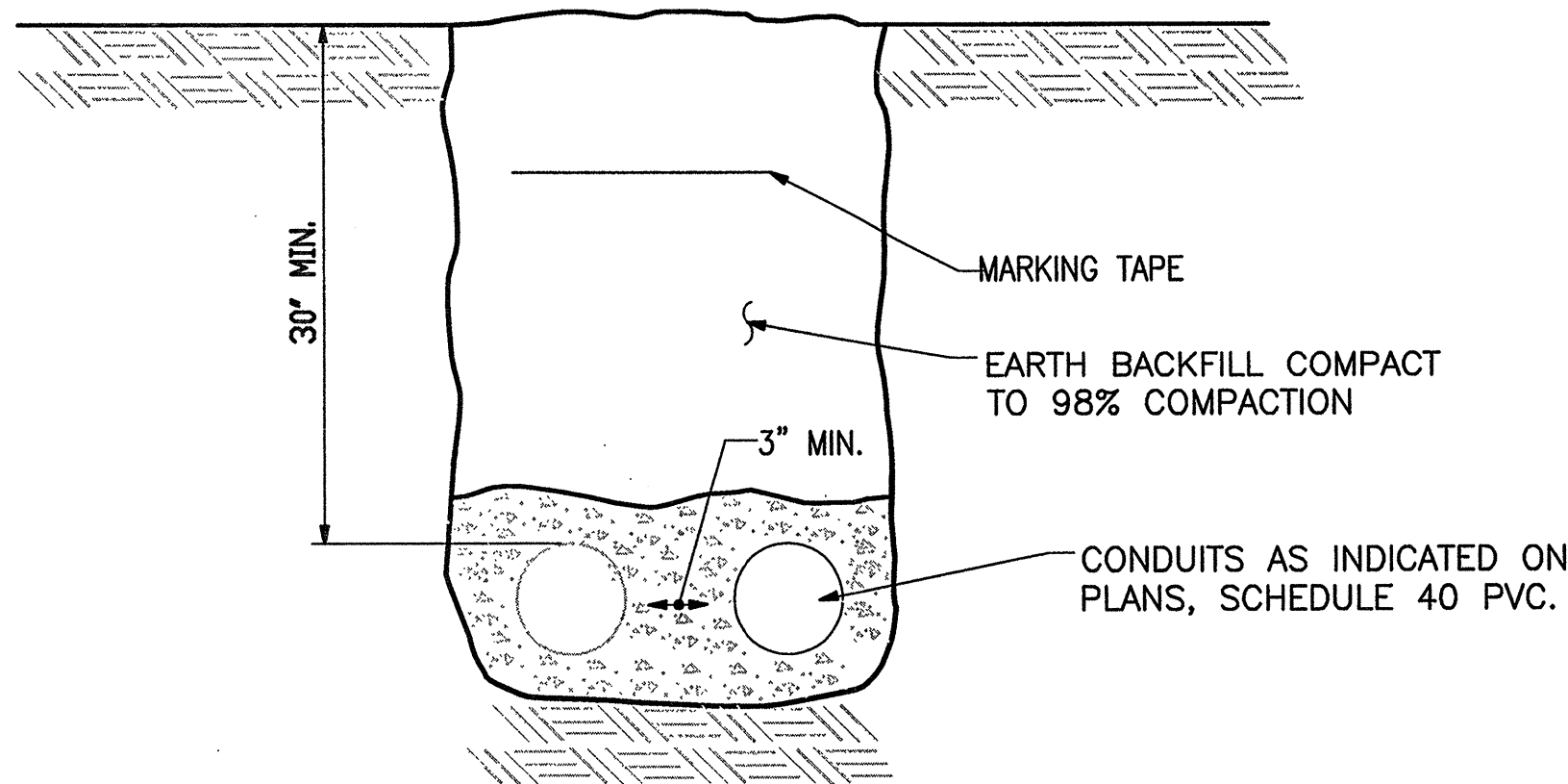
 4900 LANG AVE N.E. SUITE 100 ALBUQUERQUE, NEW MEXICO 87109 (505) 348-4000 FAX (505) 348-4072 www.wilsonco.com	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
	TINGLEY PARK RECONSTRUCTION ELECTRICAL SITE PLAN			
 Landscapes Architecture 4308 Pyramid St NE, Albuquerque, NM 87109 203.281.5262	Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.
				Mo./Day/Yr.
				Mo./Day/Yr.
				Mo./Day/Yr.
				Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of	
	K-13	ES-101		



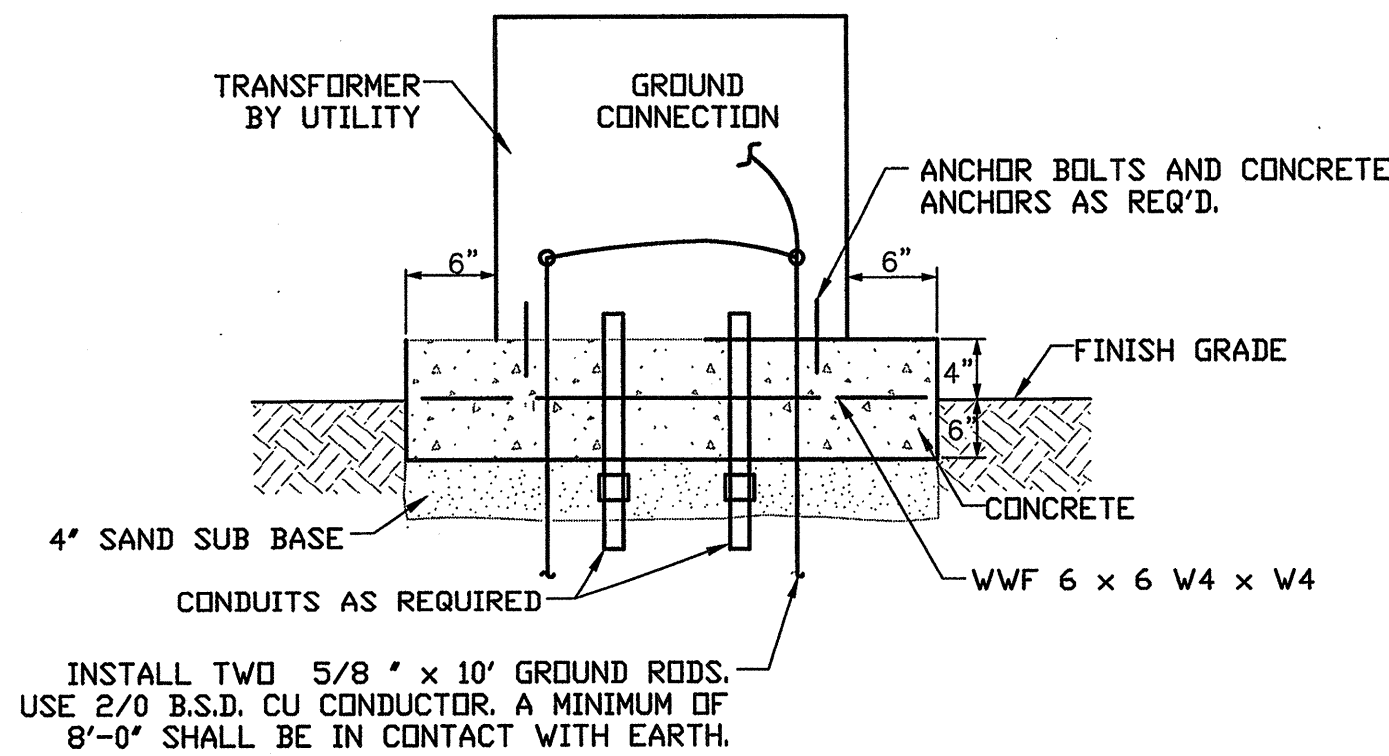
1. LIGHTS CONTROLLED BY LIGHT SWITCH BY GATE ENTRANCE.
2. FUTURE HEAT TRACING - PROVIDE 4" X 4" NEMA 4X JUNCTION BOX AND COVER WITH NYLON PULL ROPE.
3. BIO-FILTER 120V CIRCUIT - PROVIDE CONDUIT STUBBED UP 1'-0" ABOVE FINISHED GRADE AND CAPPED WITH NYLON PULL ROPE.
4. CHEMICAL SKID - PROVIDE 12" X 12" X 6" NEMA 4X JUNCTION BOX AND COVER FOR CHEMICAL SKID CONNECTION WITH 20'-0" OF EXTRA WIRE ROLLED UP AND SECURED IN JUNCTION BOX.
5. PAD MOUNTED TRANSFORMER, BY UTILITY. PAD BY CONTRACTOR PER PNM STANDARDS, SEE DETAIL 1, SHEET E501.
6. PRIMARY SERVICE, CONTRACTOR TO PROVIDE CONDUITS AND MANHOLES, PNM PROVIDES PRIMARY CONDUIT, SEE DETAIL 1, SHEET E601.
7. SECONDARY SERVICE. CONTRACTOR TO PROVIDE CONDUITS AND CONDUCTORS. SEE DETAIL 1, SHEET E601.
8. SEE SHEET E401 FOR MORE INFORMATION.

[illegible]

WILSON & COMPANY 4900 LANG AVE N.E. SUITE 100 ALBUQUERQUE, NEW MEXICO 87109 (505) 348-4000 FAX (505) 348-4072 www.wilsonco.com	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP														
	TINGLEY PARK RECONSTRUCTION ELECTRICAL ODOR CONTROL LIGHTING & POWER PLAN														
TERRA CREATAS  Landscape Architecture 4204 Brand Spine, Albuquerque, NM 87109 505.881.2062	Design Review Committee	City Engineer Approval	Last Design Update <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Mo./Day/Yr.</th> <th style="width: 50%;">Mo./Day/Yr.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Mo./Day/Yr.	Mo./Day/Yr.										
Mo./Day/Yr.	Mo./Day/Yr.														
E402 WCEA #0660012300 03/2007	City Project No.	Zone Map No. K-13	Sheet E-402 Of												



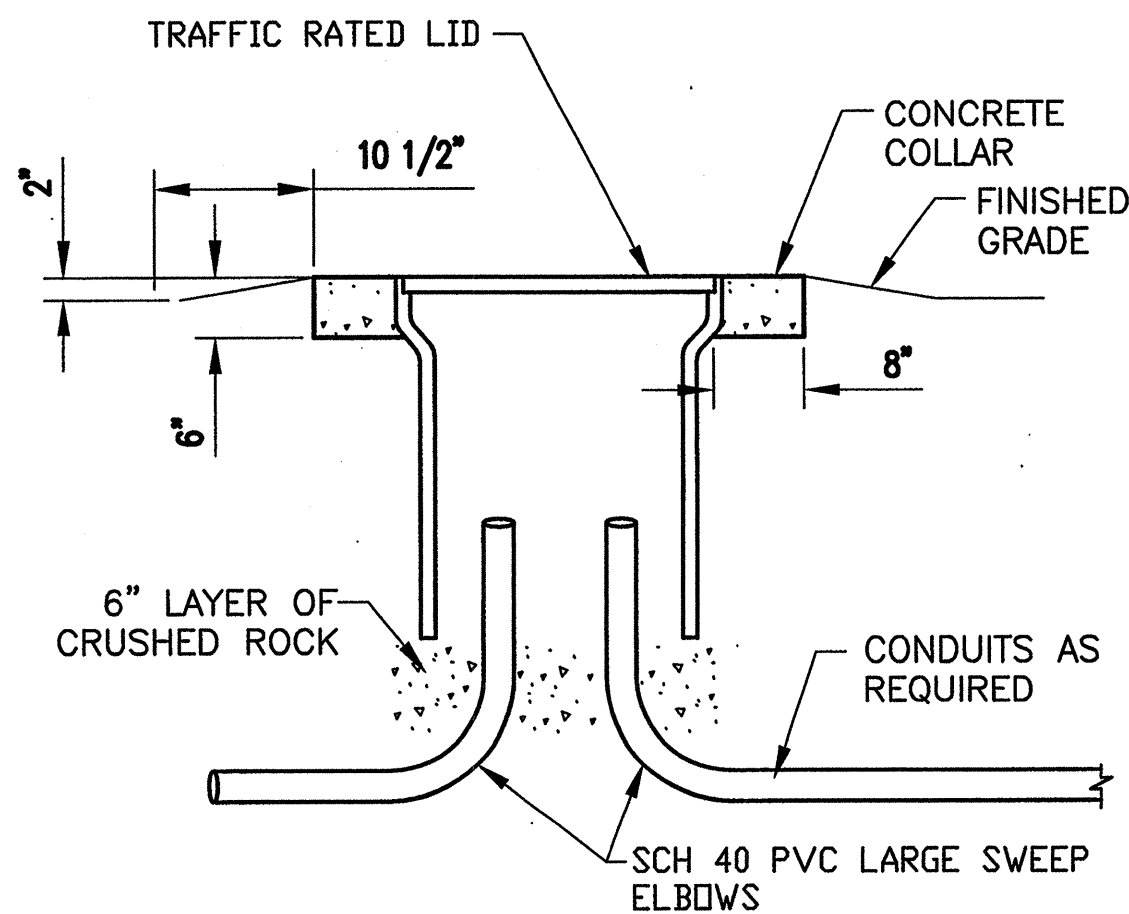
③ TYPICAL DIRECT BURY CONDUIT DETAIL
N.T.S.



TRANSFORMER NOTES:

1. MAINTAIN A MINIMUM OF 3'-0" CLEARANCE FROM BUILDINGS AND CLEARANCE AS REQUIRED FOR COMBUSTIBLE MATERIALS.
2. PROVIDE HOUSE KEEPING PAD AND SIZE PAD AS REQUIRED FOR CLEARANCES PER PNM STANDARDS.

① TRANSFORMER FOUNDATION DETAIL
N.T.S.



HAND HOLE NOTES:

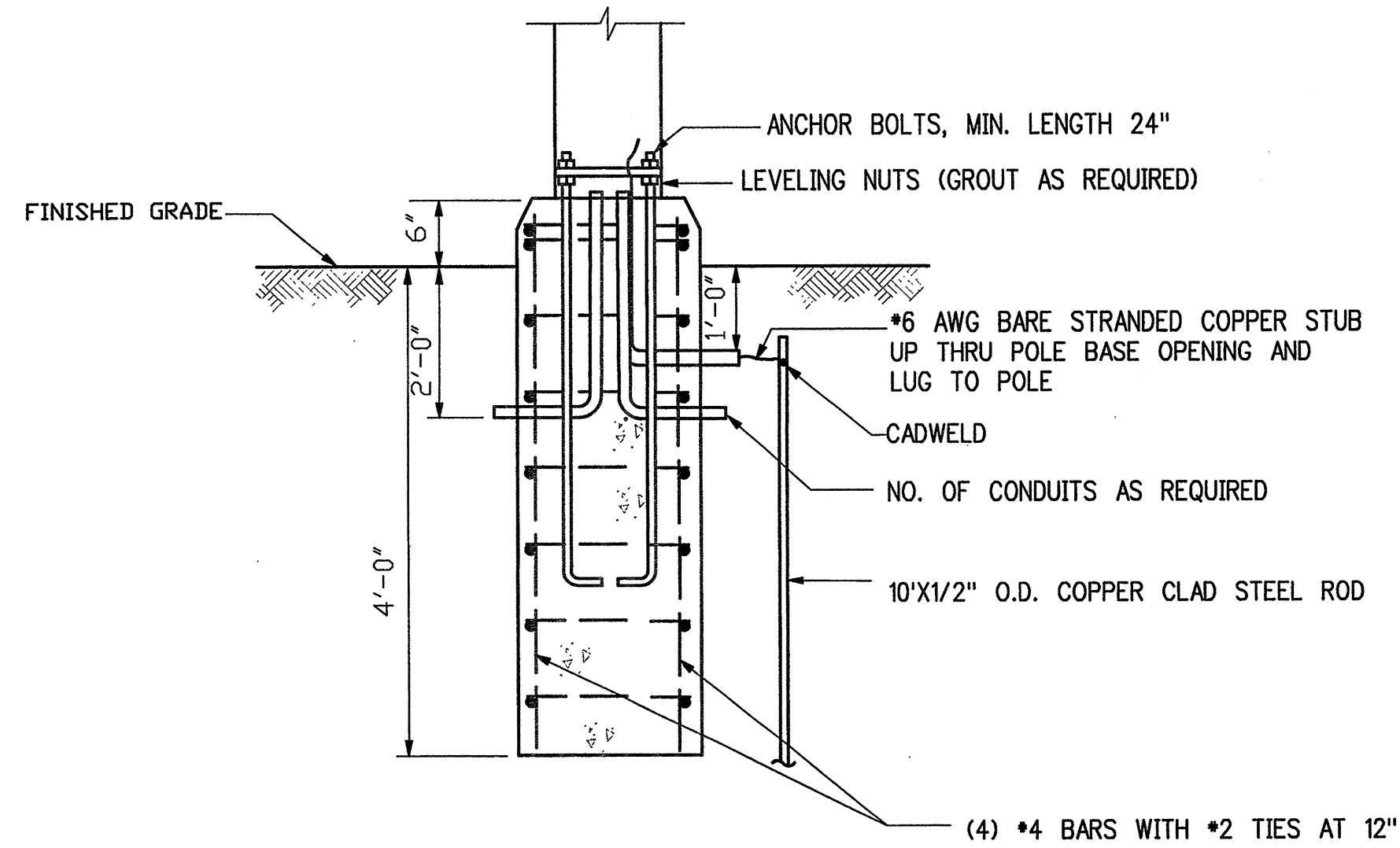
1. PROVIDE TAMPER PROOF LID WITH "ELECT." DESIGNATION AS APPROPRIATE.
2. PROVIDE MINIMUM 24" W. X 24" L. X 18" D. PULL BOX. CONTRACTOR IS RESPONSIBLE TO PROVIDE LARGER BOXES TO ACCOMMODATE CONDUIT AS NEEDED. QUAZITE OPEN BOTTOM "PG1324BA18" OR APPROVED EQUAL.
3. PULL BOX SHALL BE TRAFFIC RATED.

② HAND HOLE DETAIL
N.T.S.

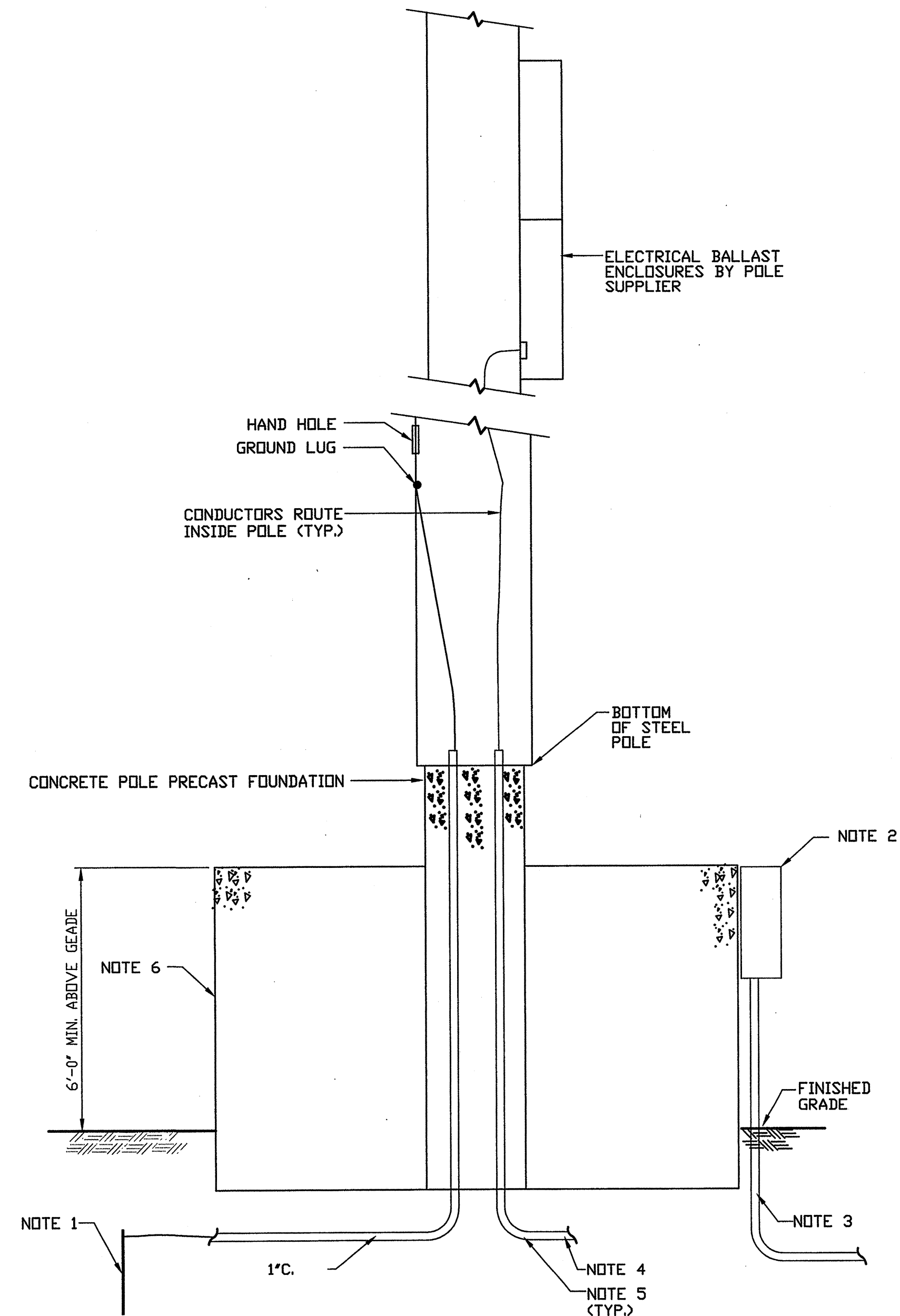
E501
WCEA #0660012300
03/2007

WILSON & COMPANY 4900 LANG AVE N.E. SUITE 100 ALBUQUERQUE, NEW MEXICO 87109 (505) 348-4000 FAX (505) 348-4072 www.wilsonco.com		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TERRA CREATAS Landscape Architecture 4900 Daniel Street, Albuquerque, NM 87109 505.841.3062		TINGLEY PARK RECONSTRUCTION ELECTRICAL DETAILS	
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
	K-13	E-501	

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	STD. XXX	NO.	FIELD NOTES	BY	NO.	DATE
WORK	DATE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	NO.	BY	NO.	DATE
DESIGNED BY	DATE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	NO.	BY	NO.	DATE
DRAWN BY	DATE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	NO.	BY	NO.	DATE
CHECKED BY	DATE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	NO.	BY	NO.	DATE
RECORDED BY	DATE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	NO.	BY	NO.	DATE
MICRO-FILM INFORMATION		ELEVATION = XXXX.XXX FT.					



② **PATHWAY POLE FOUNDATION DETAIL**
N.T.S.



FOUNDATION NOTES:

1. PROVIDE 10" X 3/ 4 " GROUND ROD AND #2 BARE SOFT DRAWN COPPER GROUND WIRE, CONNECT WITH EXOTHERMIC WELD. SEE SPECIFICATION SECTION 16060.
2. PROVIDE LOCKABLE NEMA 3R ENCLOSURE WITH 4 PLEX RECEPTACLE WP/GFI, WERE SHOWN ON SITE PLANS, SEE SHEET ES101.
3. PROVIDE 2"C. BACK TO PANEL LA FOR 120V CIRCUIT, WERE SHOWN ON SITE PLANS, SEE SHEET ES101.
4. PROVIDE 2"C. THROUGH FOUNDATION TO LIGHT TOWER FOR POWER.
5. PROVIDE TRANSITION FROM PVC CONDUIT TO RIGID STEEL CONDUIT AT SWEEP OF CONCRETE ENCASED DUCT BANK.
6. LIGHT TOWER FOUNDATION DETAIL BY POLE PROVIDER.
7. SEE SPECIFICATION SECTION 16526.

① **HIGH MAST POLE FOUNDATION DETAIL**
N.T.S.

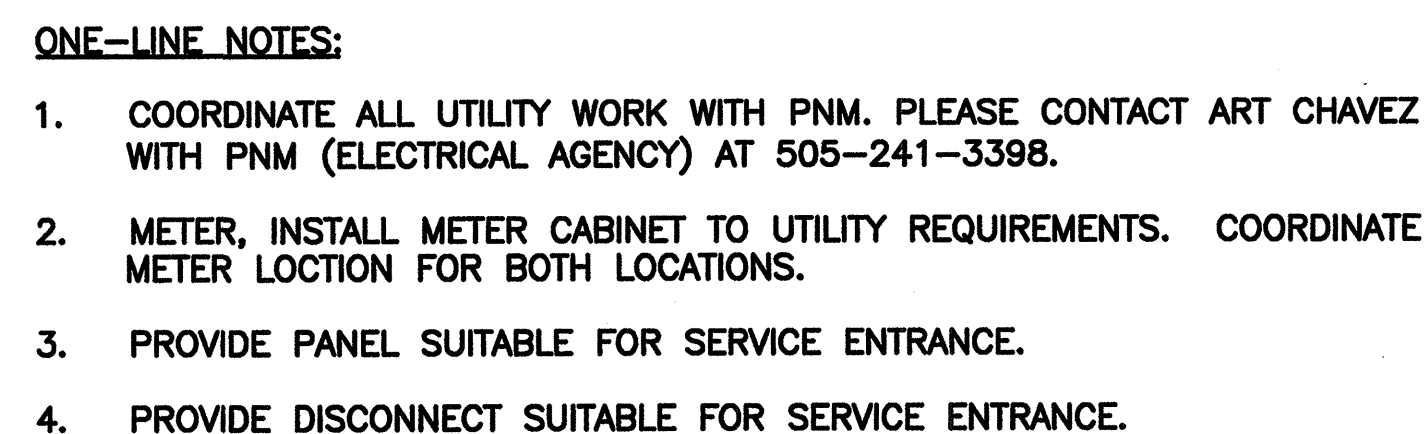
E502
WCEA #0660012300
03/2007

WILSON & COMPANY 4900 LANG AVE N.E. SUITE 100 ALBUQUERQUE, NEW MEXICO 87109 (505) 348-4000 FAX (505) 348-4072 www.wilsonco.com		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TERRA CREATAS Landscape Architecture 4104 Bond Street, Albuquerque, NM 87109 505.841.3062		TINGLEY PARK RECONSTRUCTION ELECTRICAL POLE DETAILS	
Design Review Committee	City Engineer Approval	Last Design Update Mo./Day/Yr. Mo./Day/Yr.	
City Project No.		Zone Map No.	Sheet Of
		K-13	E-502

AS-BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	DATE	NO.	DATE	STD. XXX	DATE	NO.	DATE	NO.	BY	DATE	NO.	DATE	NO.	BY	DATE
WORK	DATE	NO.	DATE	XXXXXX	DATE	NO.	DATE	NO.	BY	DATE	NO.	DATE	NO.	BY	DATE
STAMPED BY	DATE	NO.	DATE	XXXXXX	DATE	NO.	DATE	NO.	BY	DATE	NO.	DATE	NO.	BY	DATE
ACCEPTANCE BY	DATE	NO.	DATE	XXXXXX	DATE	NO.	DATE	NO.	BY	DATE	NO.	DATE	NO.	BY	DATE
FIELD	DATE	NO.	DATE	XXXXXX	DATE	NO.	DATE	NO.	BY	DATE	NO.	DATE	NO.	BY	DATE
DRAWINGS	DATE	NO.	DATE	XXXXXX	DATE	NO.	DATE	NO.	BY	DATE	NO.	DATE	NO.	BY	DATE
CORRECTED BY	DATE	NO.	DATE	XXXXXX	DATE	NO.	DATE	NO.	BY	DATE	NO.	DATE	NO.	BY	DATE
MICRO-FILM INFORMATION				ELEVATION = XXXX.XXX FT.											
RECORDED BY	DATE	NO.	DATE												

			PANELBOARD LA, PARK - , EMD = 32 KVA											
DEMAND LOAD			SURFACE MOUNTED, 1 PHASE, 3W, 120/240V, 225 A MAIN C/B, 10,000 AIC							DEMAND LOAD				
DEMAND LOAD	DEMAND FACTOR	CONNECT	LOAD	BKR	CKT	PH	CKT	BKR	LOAD	CONNECT	DEMAND FACTOR	DEMAND LOAD		
2.0	1.0	2.0	RECPT	20	1	A	2	50	EWB-1	25.0	0.8	20.0		
10.0	1.0	10.0	DF-1 GFCI BRAKER	20	3	B	4	50	EWB-2	25.0	0.8	20.0		
5.6	1.0	5.6	INTERIOR LGT	20	5	A	6	30/2	EHW-3	13.8	0.8	11.0		
4.0	1.0	4.0	EXTERIOR LGT	20	7	B	8			13.8	0.8	11.0		
8.5	1.0	8.5	PATHWAY A	20/2	9	A	10	80/2	WALL MOUNTED POWER OUTLET	64.0	0.8	51.2		
8.5	1.0	8.5			11	B	12				64.0	0.8	51.2	
8.5	1.0	8.5	PATHWAY B	20/2	13	A	14	15	EF-1	4.4	1.0	4.4		
8.5	1.0	8.5			15	B	16		SPACE	8.3	0.5	4.2		
4.0	1.0	4.0	POLE RECPT	20	17	A	18		SPACE	8.3	0.5	4.2		
4.2	0.5	8.3	SPACE		19	B	20		SPACE	8.3	0.5	4.2		
4.2	0.5	8.3	SPACE		21	A	22		SPACE	8.3	0.5	4.2		
4.2	0.5	8.3	SPACE		23	B	24		SPACE	8.3	0.5	4.2		
32.7	A		PANEL			160.6	A	127.6	PANEL			123.8	A	94.9
39.2	B	47.5	CONNECTED AMPS			175.2	B	133.9	DEMAND AMPS			127.7	B	94.7
ESTIMATED MAX DEMAND = VOLTS x MAX DEMAND AMPS = 240 x 134 = 32 KVA														
MINIMUM AMPACITY = 1.25 x MAX DEMAND AMPS = 1.25 x 134 = 167 AMPS														

PANELBOARD LB, WATER - , EMD = 19 KVA												
DEMAND LOAD	DEMAND FACTOR	CONNECT LOAD	SURFACE MOUNTED, 1 PHASE, 3W, 120/240V, 125 A MAIN C/B, 10,000 AIC						CONNECT LOAD	DEMAND FACTOR	DEMAND LOAD	
			LOAD	BKR	CKT	PH	CKT	BKR	LOAD			
2.0	1.0	2.0	RECPT	20	1	A	2	50/2	BIO-FILTER (F)	40.0	1.0	40.0
6.0	1.0	6.0	LIGHTING	20	3	B	4			40.0	1.0	40.0
12.8	0.8	16.0	HEAT TRACING (F)	20	5	A	6	20	BIO-FILTER (F)	16.0	1.0	16.0
4.2	0.5	8.3	SPACE		7	B	8	20	CHM. SKID	16.0	1.0	16.0
4.2	0.5	8.3	SPACE		9	A	10		SPACE	8.3	0.5	4.2
4.2	0.5	8.3	SPACE		11	B	12		SPACE	8.3	0.5	4.2
19.0	A	28.3				PANEL	90.6	A	79.1	PANEL		
14.3	B	22.6				CONNECTED AMPS	86.9	B	74.5	DEMAND AMPS		
ESTIMATED MAX DEMAND = VOLTS x MAX DEMAND AMPS = 240 x 79 = 19 KVA												
MINIMUM AMPACITY = 1.25 x MAX DEMAND AMPS = 1.25 x 79 = 99 AMPS												

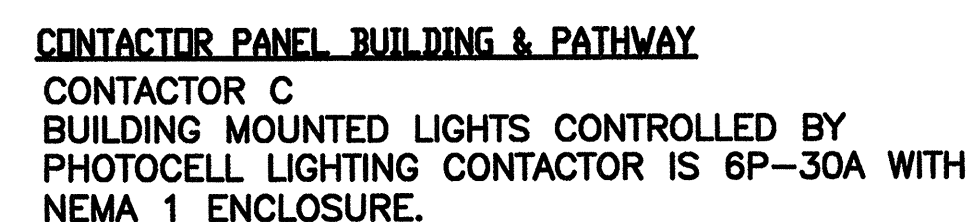


① **ONE-LINE DIAGRAM**
NO SCALE

[illegible]

E601
WCEA #0660012300
03/2007

WILSON & COMPANY 4900 LANG AVE N.E. SUITE 100 ALBUQUERQUE, NEW MEXICO 87109 (505) 348-4000 FAX (505) 348-4072 www.wilsgenco.com	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP TINGLEY PARK RECONSTRUCTION ONE-LINE DIAGRAM & PANELBOARDS																				
TERRA CREATAS  Landscape Architecture 4304 Broad St. N.E., Albuquerque, NM 87109 505.481.5062	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; padding: 5px;">Design Review Committee</td> <td style="width: 40%; padding: 5px;">City Engineer Approval</td> <td style="width: 10%; padding: 5px; text-align: center;">Last Design Update</td> <td style="width: 10%; padding: 5px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">Mo./Day/Yr.</td> <td style="width: 50%; padding: 2px;">Mo./Day/Yr.</td> </tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> </table> </td> </tr> <tr> <td style="padding: 5px;">City Project No.</td> <td style="padding: 5px;">Zone Map No. K-13</td> <td colspan="2" style="padding: 5px;">Sheet E-601 Of</td> </tr> </table>	Design Review Committee	City Engineer Approval	Last Design Update	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">Mo./Day/Yr.</td> <td style="width: 50%; padding: 2px;">Mo./Day/Yr.</td> </tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> </table>	Mo./Day/Yr.	Mo./Day/Yr.											City Project No.	Zone Map No. K-13	Sheet E-601 Of	
Design Review Committee	City Engineer Approval	Last Design Update	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">Mo./Day/Yr.</td> <td style="width: 50%; padding: 2px;">Mo./Day/Yr.</td> </tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> </table>	Mo./Day/Yr.	Mo./Day/Yr.																
Mo./Day/Yr.	Mo./Day/Yr.																				
City Project No.	Zone Map No. K-13	Sheet E-601 Of																			

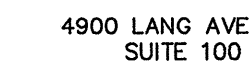


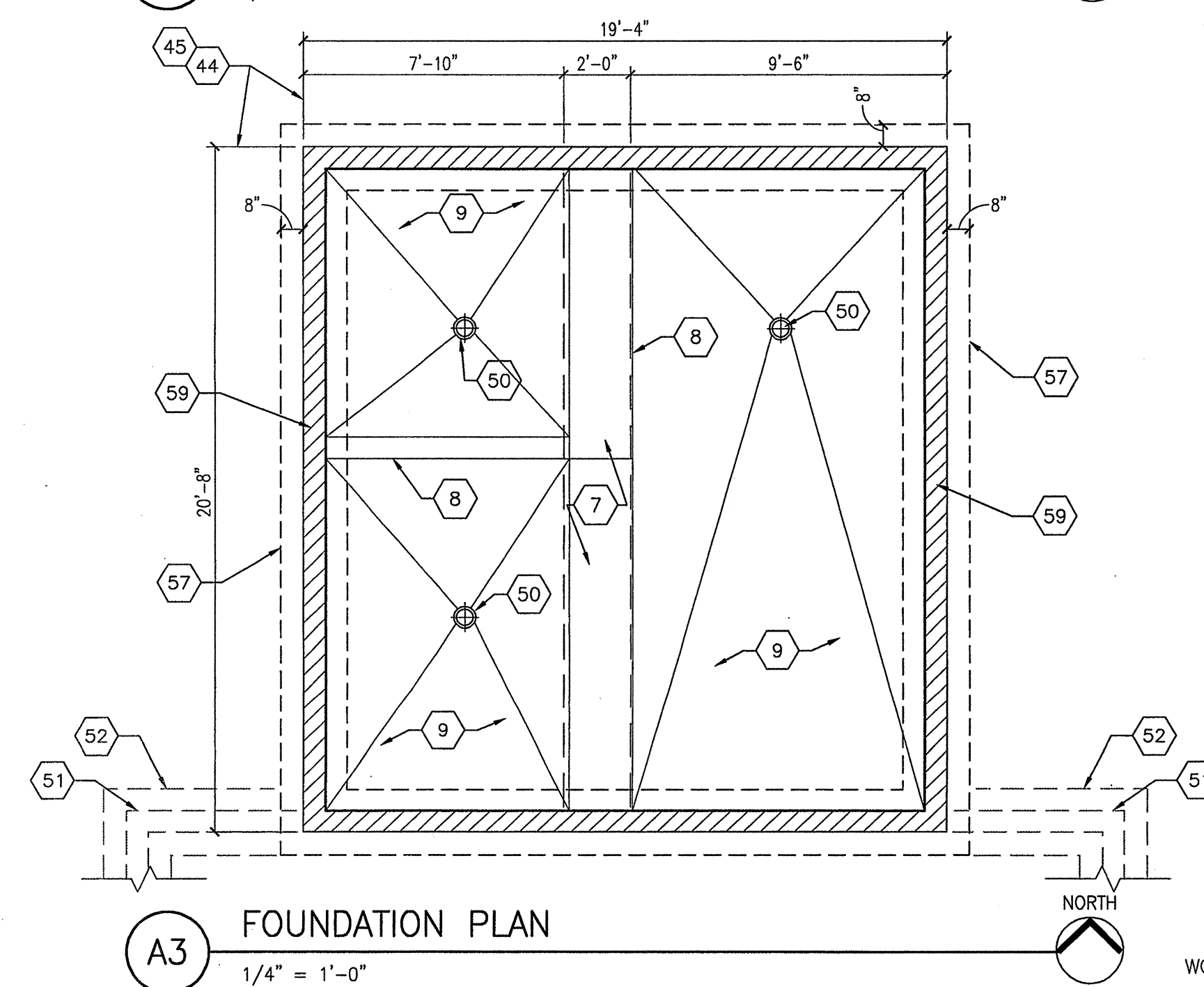
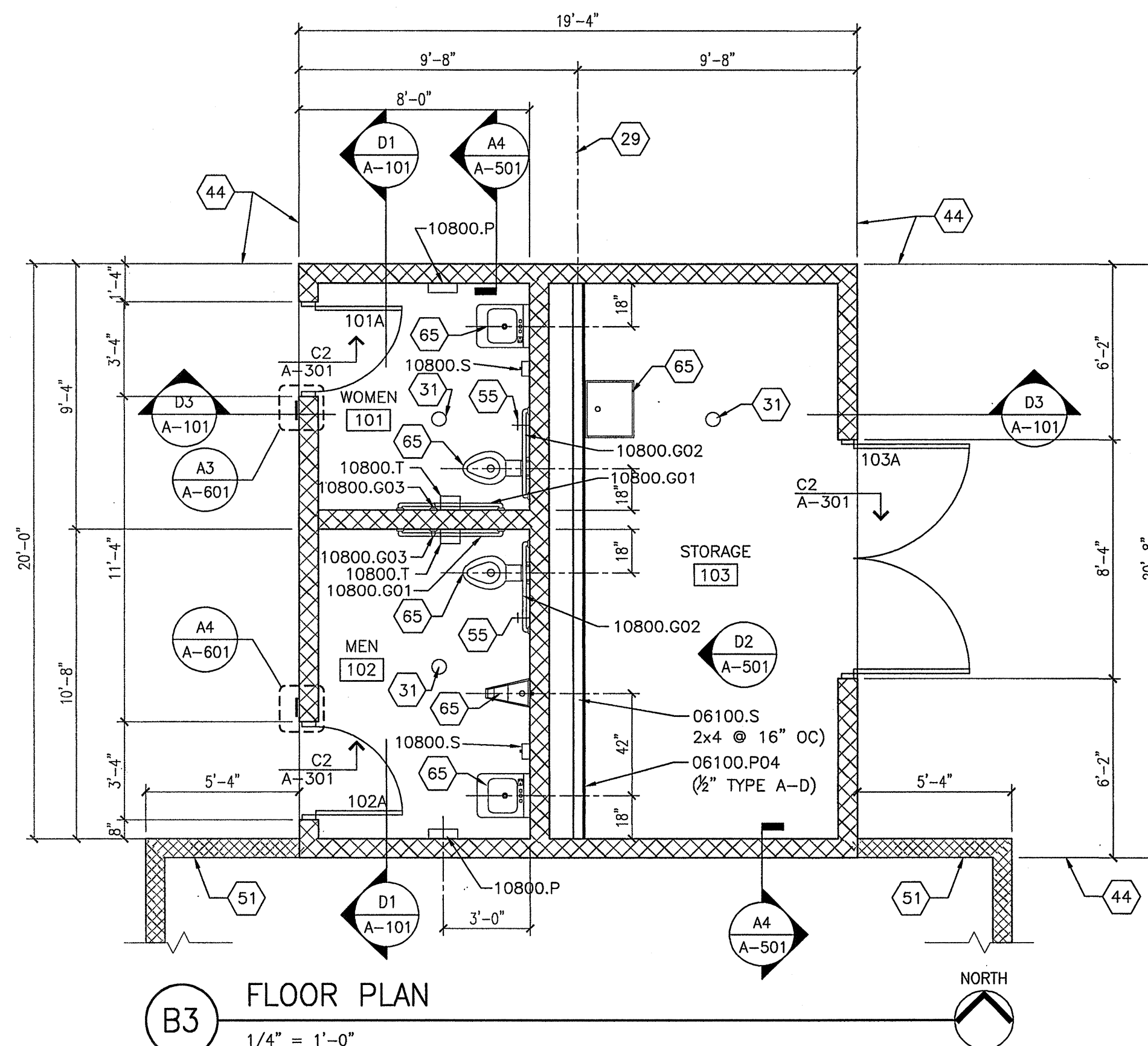
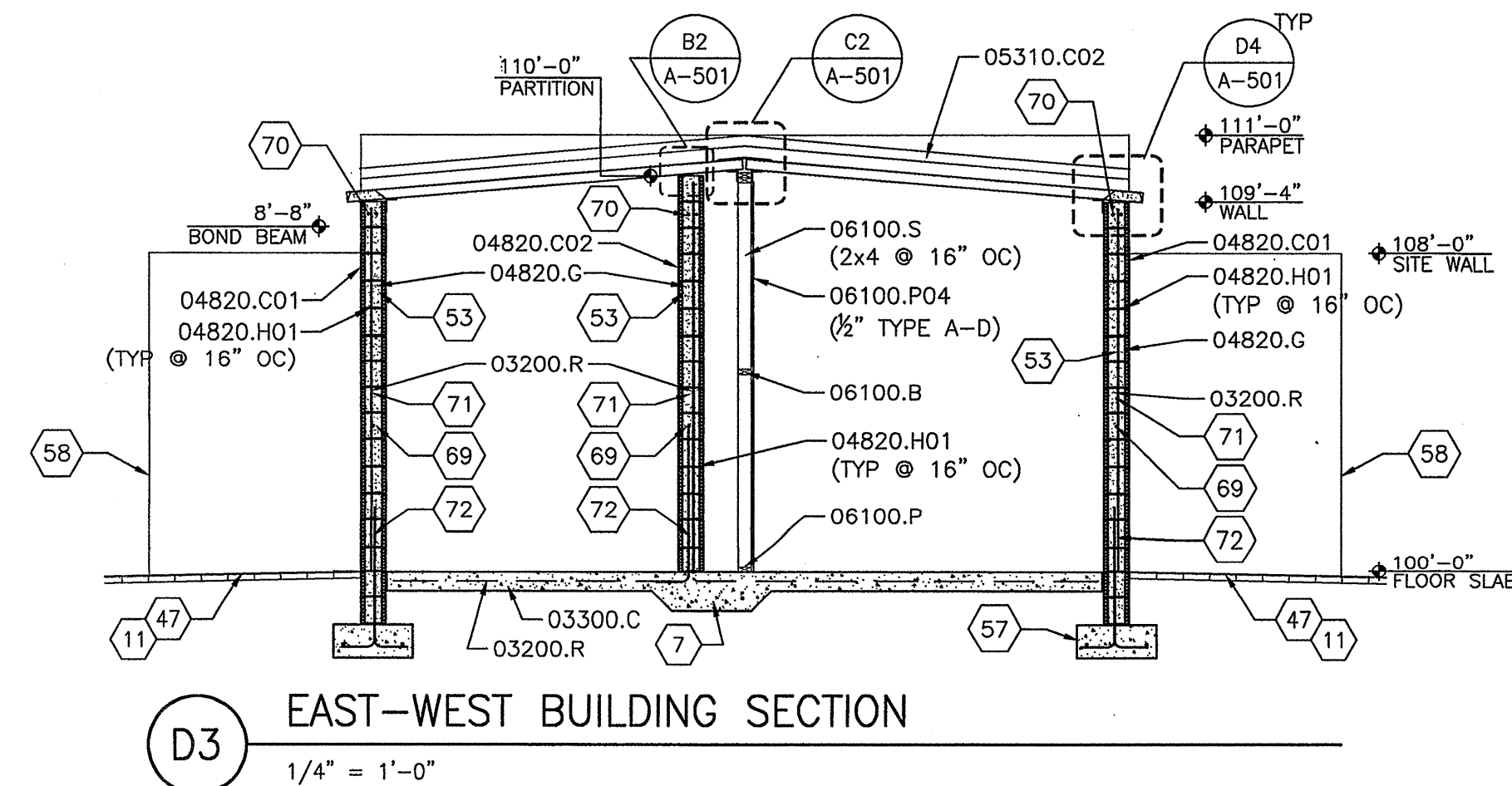
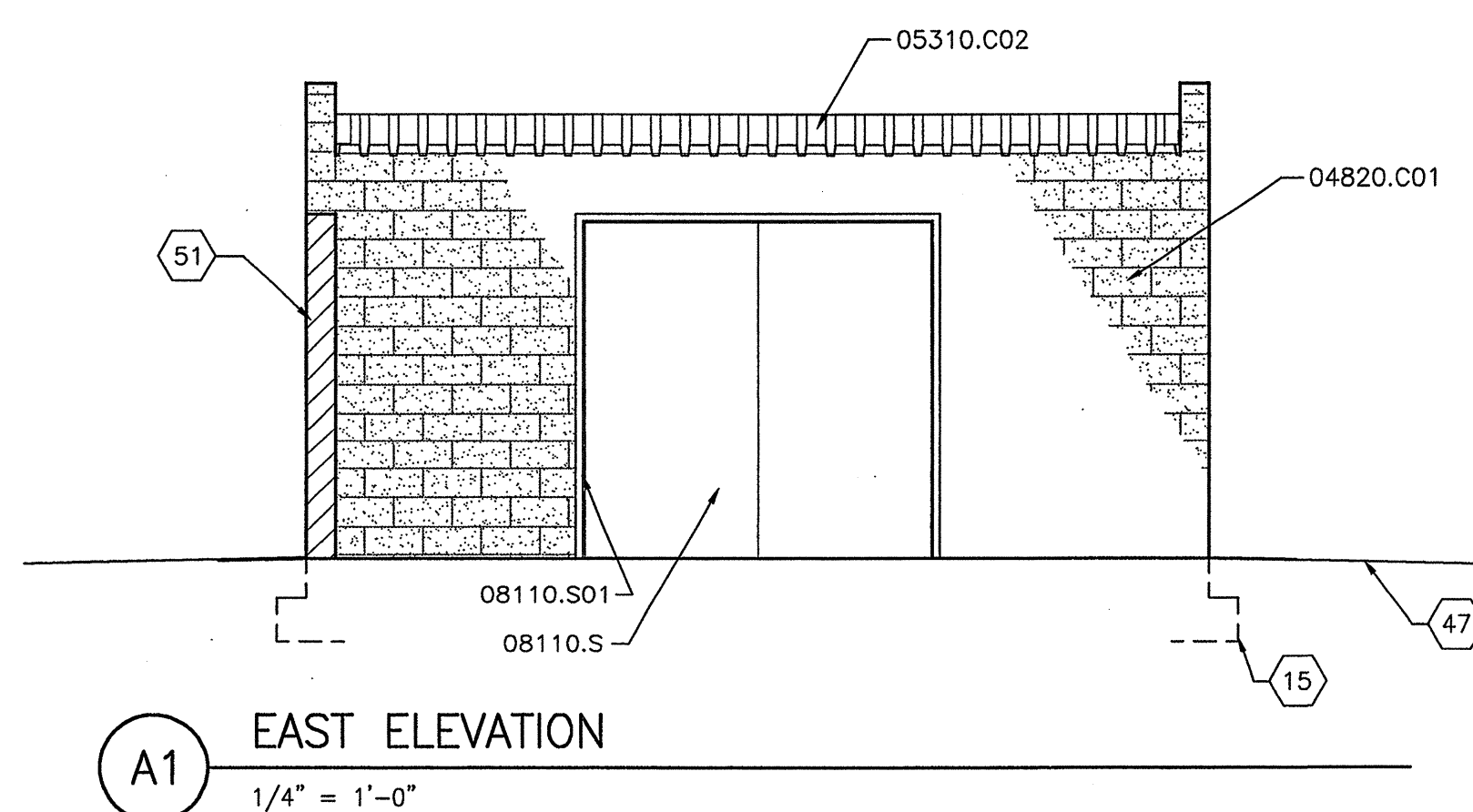
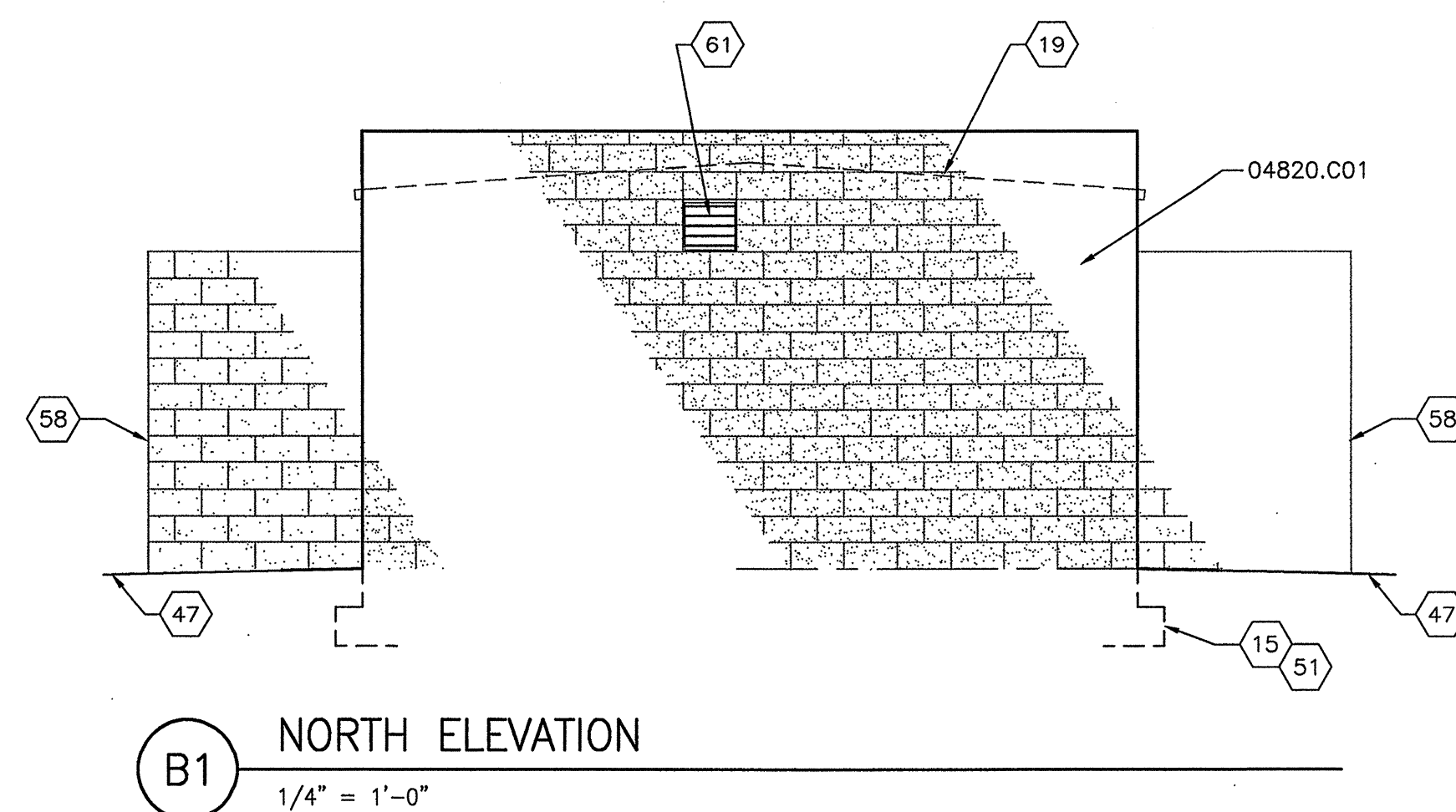
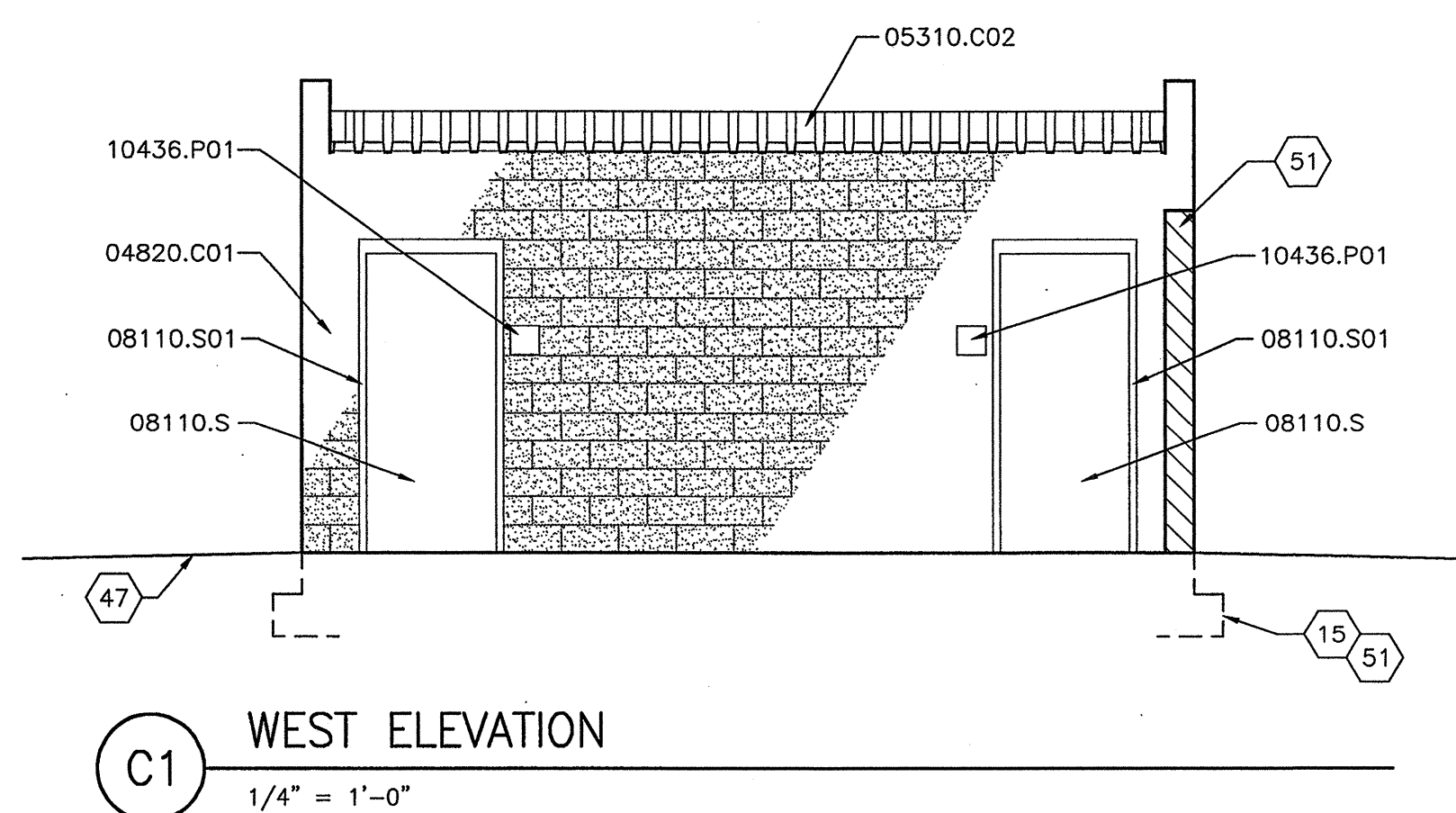
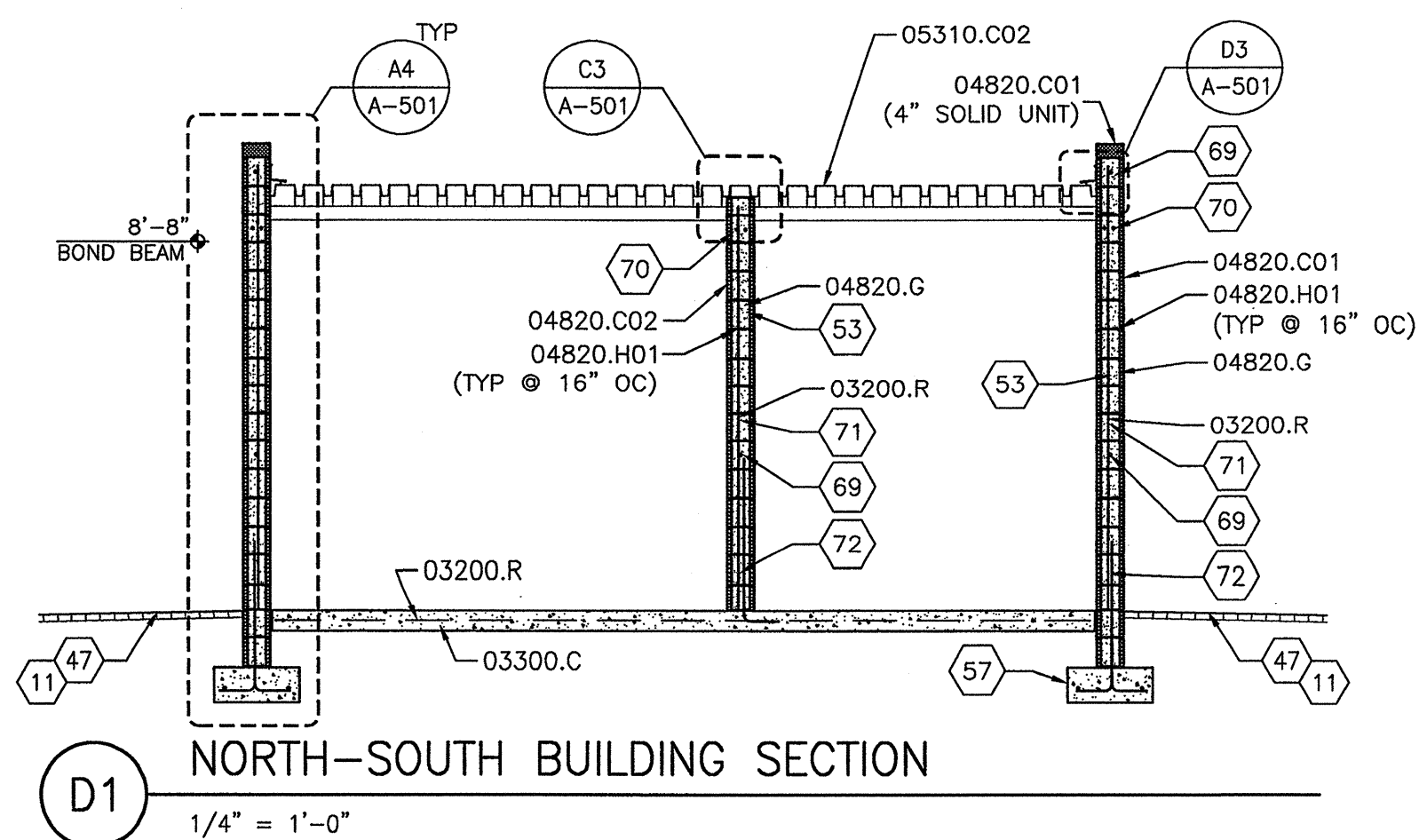
CONTACTOR(S) C3 & C4
LIGHTS CONTROLLED BY H-O-A SWITCH, LIGHTING CONTACTORS
ARE (2) 12P-30A WITH NEMA 3R ENCLOSURE.



CONTACTOR(S) C1 & C2
LIGHTS CONTROLLED BY H-O-A SWITCH, LIGHTING CONTACTORS
ARE (2) 12P-30A WITH NEMA 3R ENCLOSURE.



WILSON & COMPANY 4900 LANG AVE N.E. SUITE 100 ALBUQUERQUE, NEW MEXICO 87109 (505) 348-4000 FAX (505) 348-4072 www.wilsonco.com	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP														
	TINGLEY PARK RECONSTRUCTION ELECTRICAL CONTROL DIAGRAMS														
TERRA CREATAS  Landscape Architecture 4108 Boswell STREET, Albuquerque, NM 87109 505.881.5062	Design Review Committee	City Engineer Approval	Last Design Update <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Mo./Day/Yr.</th> <th style="width: 50%;">Mo./Day/Yr.</th> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	Mo./Day/Yr.	Mo./Day/Yr.										
Mo./Day/Yr.	Mo./Day/Yr.														
City Project No.	Zone Map No. K-13	Sheet E-602 Of													



GENERAL ARCHITECTURAL NOTES

1. APPLICABLE CODES
BUILDING AND STRUCTURAL: 2003 STATE OF NEW MEXICO COMMERCIAL BUILDING CODE (2003 INTERNATIONAL BUILDING CODE, AS AMENDED)
PLUMBING: 2003 STATE OF NEW MEXICO PLUMBING CODE (2003 UNIFORM PLUMBING CODE AND ALL APPENDICES, AS AMENDED)
MECHANICAL: 2003 STATE OF NEW MEXICO MECHANICAL CODE (2003 UNIFORM MECHANICAL CODE, AS AMENDED)
ELECTRICAL: 2002 STATE OF NEW MEXICO ELECTRICAL CODE (2002 NATIONAL ELECTRICAL CODE, AS AMENDED)
ACCESSIBILITY: THE ICC/ANSI A117.1-2003
2. SUMMARY OF GOVERNING REGULATIONS – TOILETS:
A. PROJECT LOCATION: ALBUQUERQUE, NM
B. CONSTRUCTION TYPE: TYPE VB (SECTION 602.5, IBC)
C. BUILDING AREA: 400 SQ FT (SECTION 502.1, IBC)
D. OCCUPANCY CLASSIFICATION: BUSINESS GROUP B, (SECTION 304, IBC)
E. OCCUPANT LOAD (SECTION 1004 & TABLE 1004.1.2, IBC):
TOILETS: 207/100 = 3 OCCUPANTS
STORAGE: 207/300 = 1 OCCUPANTS
3. THE ARCHITECTURAL DRAWINGS UTILIZE A REFERENCE KEYNOTE SYSTEM CONSISTING OF A 5-DIGIT NUMERICAL ROOT FOLLOWED BY A PERIOD AND AN ALPHANUMERIC SUFFIX (SUCH AS 05500.A01).
- EACH REFERENCE KEYNOTE THAT APPEARS ON THE SHEET IS LISTED IN THE REFERENCE KEYNOTES PORTION OF THE NOTE BLOCK, ALONG WITH A TEXT NOTE THAT DESCRIBES THE GRAPHIC.
- THE 5-DIGIT NUMERICAL ROOT CORRESPONDS TO THE SPECIFICATION SECTION NUMBER LOCATION WHERE THE OBJECT OR MATERIAL IS SPECIFIED. THE ALPHANUMERIC SUFFIX IS NOT ASSOCIATED WITH ANY SPECIFIC REFERENCE IN THE SPECIFICATION SECTION.
- CERTAIN REFERENCE KEYNOTES MAY CONTAIN MODIFIERS (CONTAINED WITHIN PARENTHESIS) LOCATED BENEATH THE REFERENCE KEYNOTE. THE MODIFIER IDENTIFIES TYPE, SIZE, THICKNESS, AND OTHER ADDITIONAL CHARACTERISTICS ABOUT THE ITEM.
- THE REFERENCE KEYNOTING SYSTEM SHALL NOT CONTROL THE CONTRACTOR IN DIVIDING THE WORK AMONG SUBCONTRACTORS OR IN ESTABLISHING THE EXTENT OF WORK TO BE PERFORMED BY ANY TRADE.
4. ABBREVIATIONS: REFERENCED FROM VERSION 3.1 OF THE U.S. NATIONAL CAD STANDARD

REFERENCE	KEYNOTES
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<u>03-CONCRETE</u>	
03200.R	REINFORCING STEEL
03300.C	CAST-IN-PLACE CONCRETE
<u>04-MASONRY</u>	
04820.C01	CONCRETE MASONRY UNITS TYPE "A"
04820.C02	CONCRETE MASONRY UNITS TYPE "B"
04820.G	GROUT
04820.H01	HORIZONTAL JOINT REINFORCEMENT
<u>05-METALS</u>	
05310.C02	CELLULAR FLOOR DECK
<u>06-WOOD & PLASTICS</u>	
06100.B	BLOCKING
06100.P	PRESSURE TREATED DIMENSION LUMBER
06100.P04	PLYWOOD
06100.S	STUD FRAMING
<u>08-DOORS & WINDOWS</u>	
08110.S	STEEL DOOR
08110.S01	STEEL FRAME
<u>10-SPECIALTIES</u>	
10436.P01	PANEL SIGN TYPE "A"
10800.G01	GRAB BAR TYPE "A"
10800.G02	GRAB BAR TYPE "B"
10800.G03	GRAB BAR TYPE "C"
10800.P	PAPER TOWEL DISPENSER
10800.S	SOAP DISPENSER
10800.T	TOILET PAPER DISPENSER

 SHEET KEYNOTES

7. 8" THICKENED SLAB WITH CONTINUOUS REINFORCING STEEL FROM ADJACENT SLAB AND (2) #4 CONTINUOUS 3" FROM BOTTOM
8. CONTROL JOINT - REFER TO DETAIL C4/A-501.
9. 4" CONCRETE SLAB WITH #4 BARS AT 16" OC EACH WAY.
11. CONCRETE PAVERS - REFER TO LANDSCAPE SHEETS.
15. DASHED LINE INDICATES FOUNDATION - REFER TO FOUNDATION PLAN.
19. DASHED LINE INDICATES ROOF LINE.
29. CENTERLINE OF LOAD BEARING STUD WALL.
31. DRAIN - REFER TO PLUMBING PLAN.
44. FACE OF BUILDING.
45. FACE OF FOUNDATION.
47. FINISH GRADE - SEE CIVIL SHEETS.
50. FLOOR DRAIN RIM ELEVATION = 99'-11".
51. SITE WALL - REFER TO CIVIL
52. SITE WALL FOOTING - REFER TO CIVIL.
53. GROUT ALL CELLS - TYPICAL.
55. HOSE BIB - REFER TO MECHANICAL SHEETS.
57. 10"D X 24"W CONCRETE FOOTING WITH (3) #4 CONTINUOUS; PROVIDE (2) 24" X 24" CORNER BARS AT ALL CORNERS.
58. SITE WALL BEYOND.
59. MASONRY STEM WALL - REFER TO WALL SECTION.
65. PLUMBING FIXTURE - SEE PLUMBING SHEETS.
69. REINFORCING STEEL - (1) #5 CONTINUOUS.
70. REINFORCING STEEL - (2) #5 CONTINUOUS IN 8" BOND BEAM.
71. REINFORCING STEEL - #5 VERTICAL @ 32" OC.
72. REINFORCING STEEL - #5 DIAGONAL; 9" X 42" AT 16" OC; ALTERNATE HOOK.

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 505.841.3062

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TINGLEY PARK RECONSTRUCTION
PLANS, ELEVATIONS & SECTIONS

	Design Review Committee
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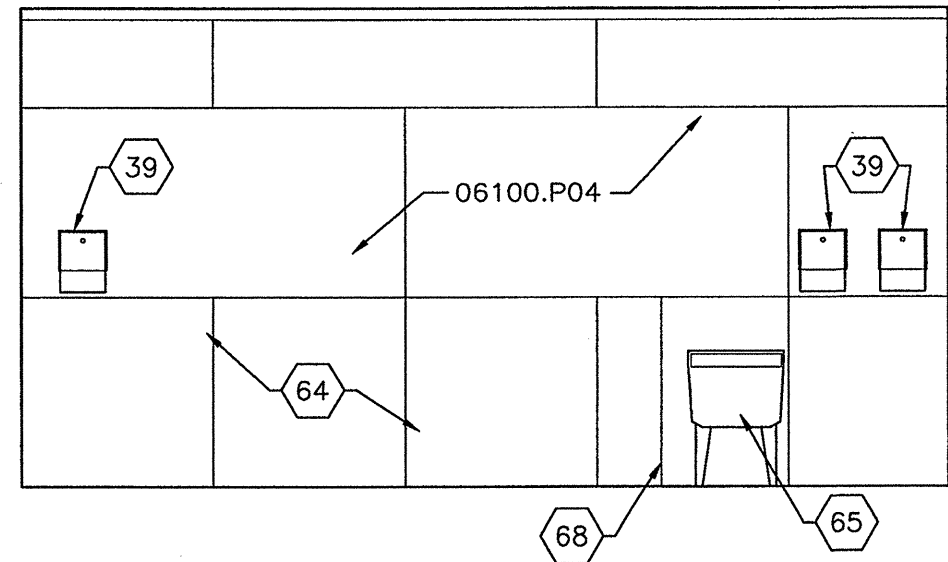
ee	City Engineer Approval
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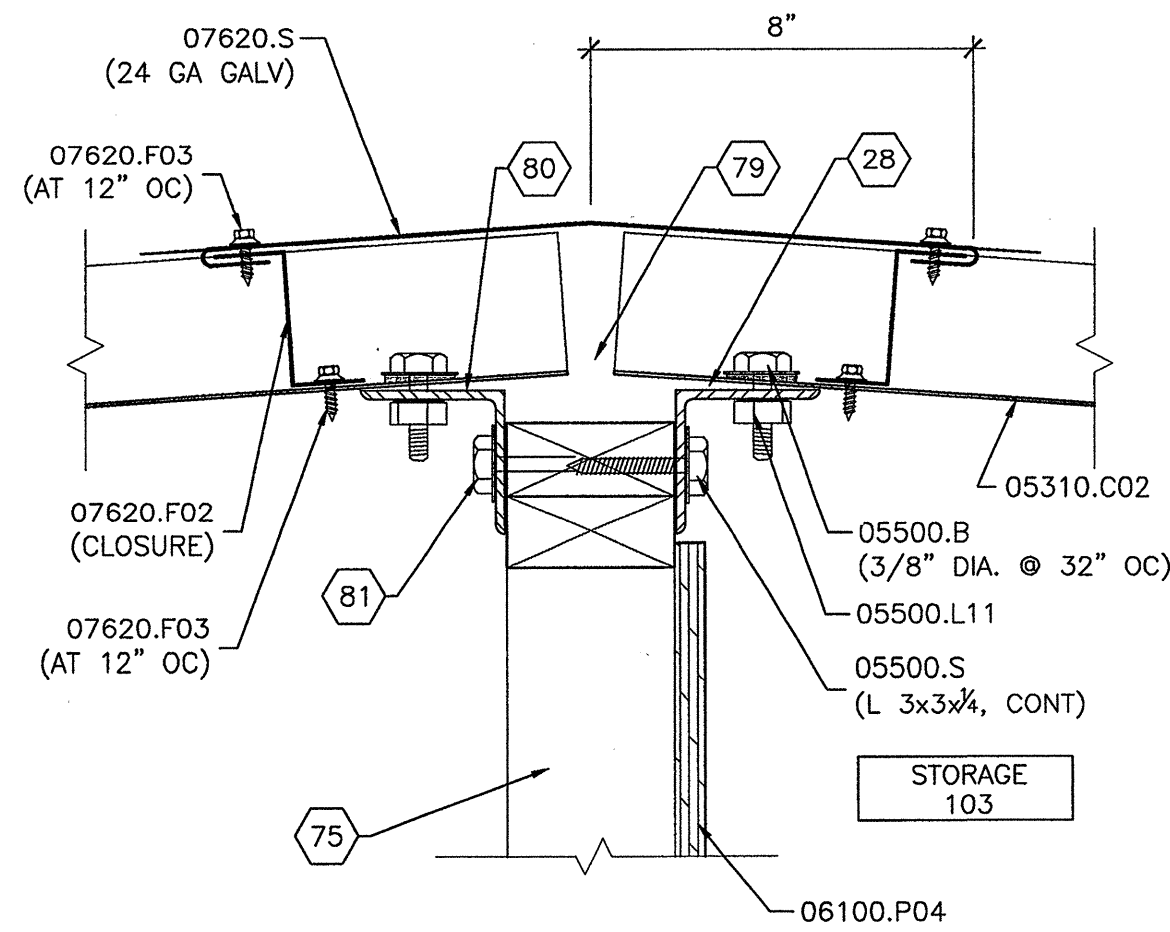
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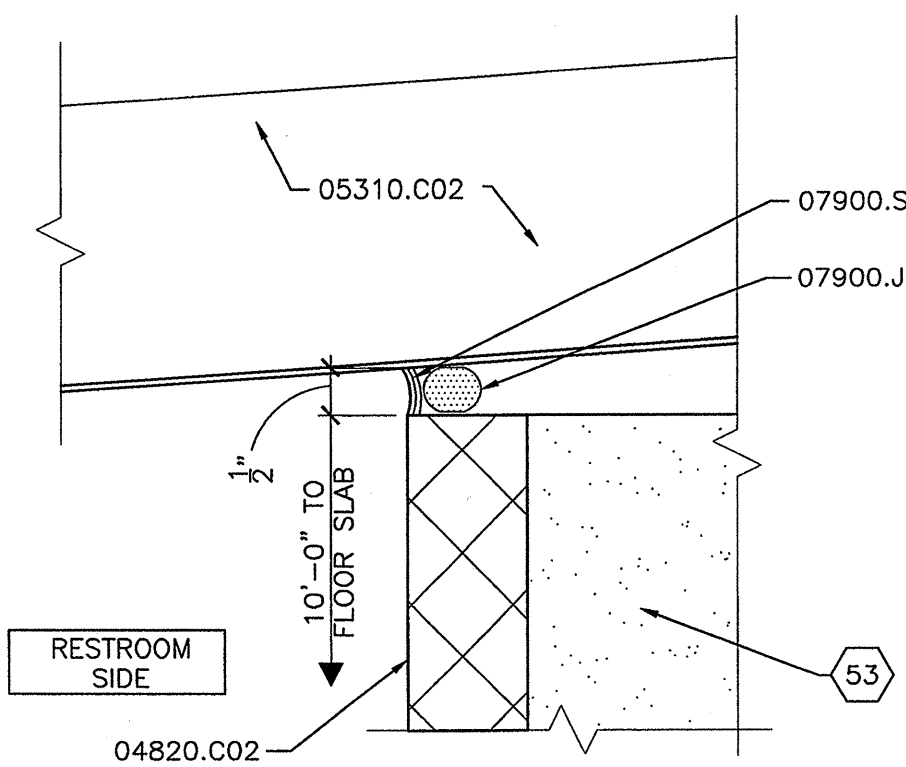
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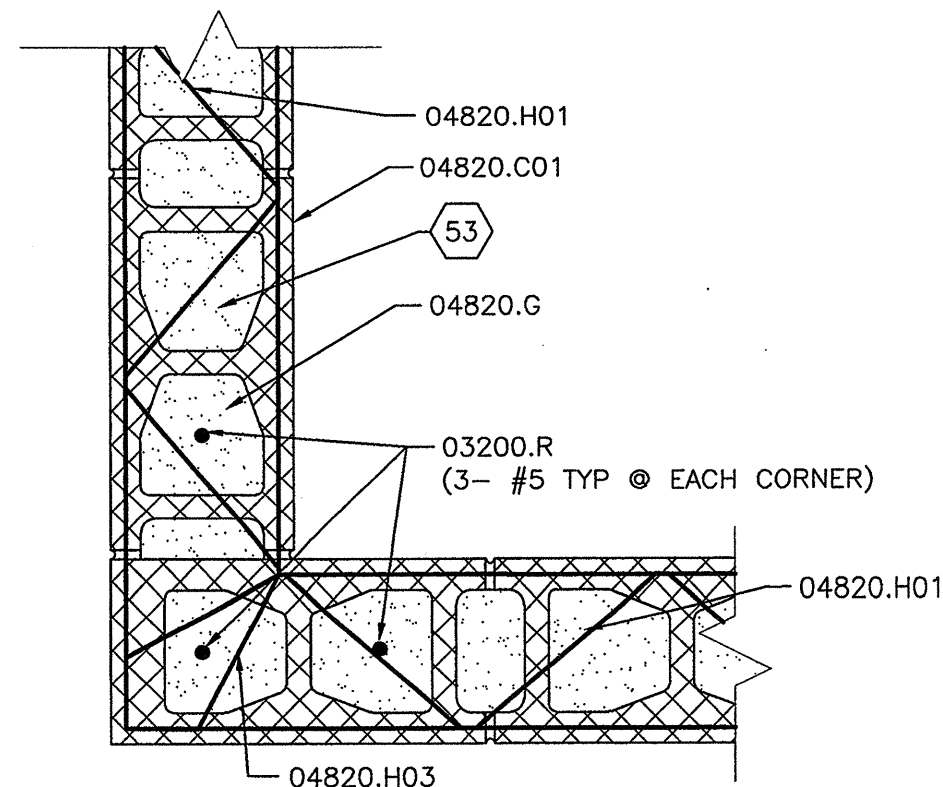
D2 INTERIOR ELEVATION - STORAGE
1/4" = 1'-0"



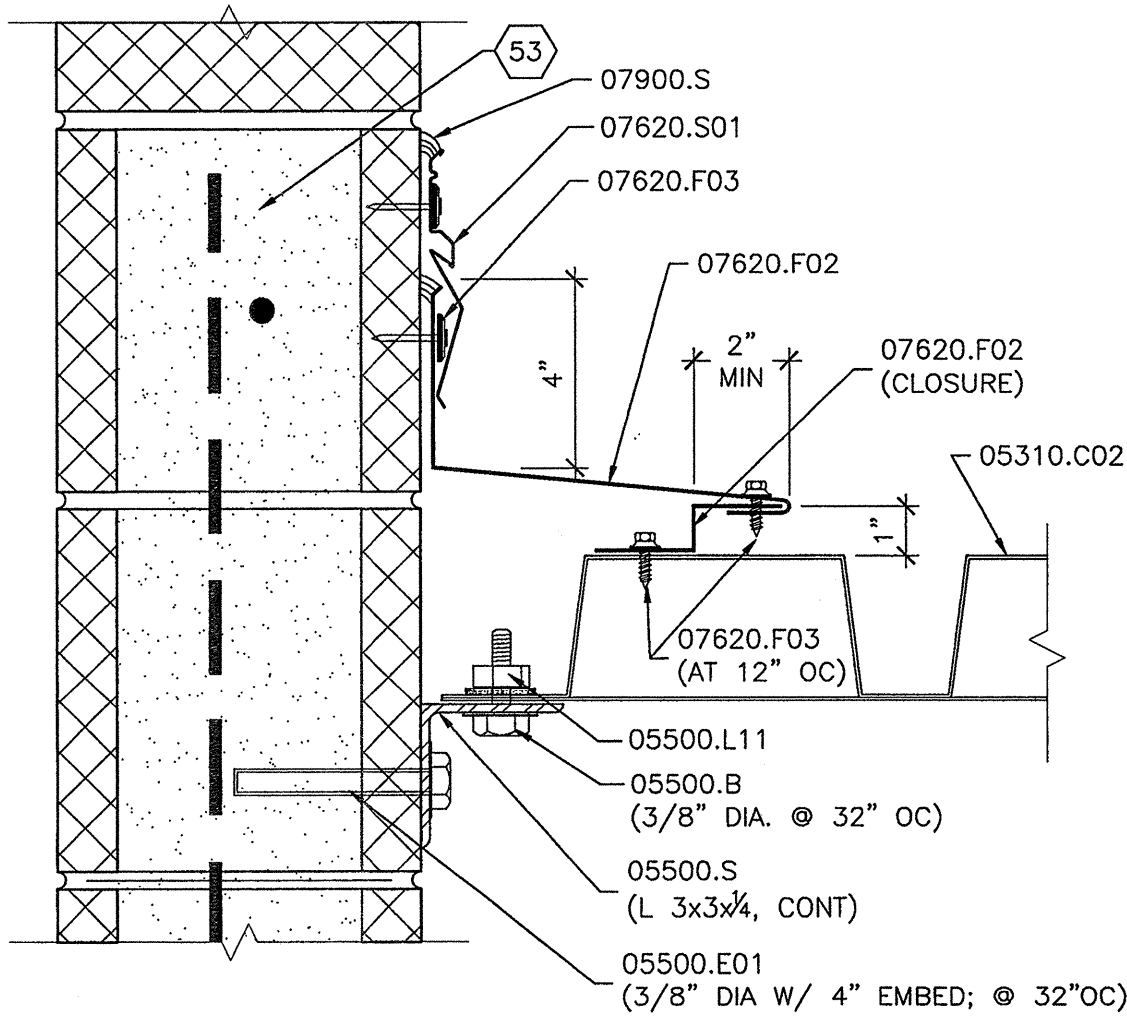
C2 RIDGE DETAIL
3" = 1'-0"



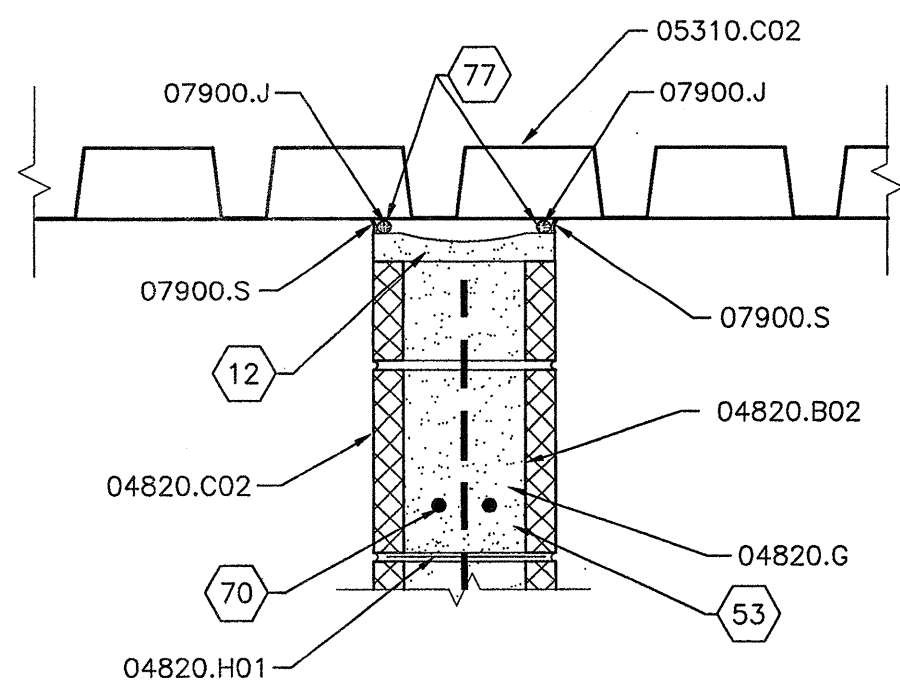
B2 WALL AT ROOF DETAIL
6" = 1'-0"



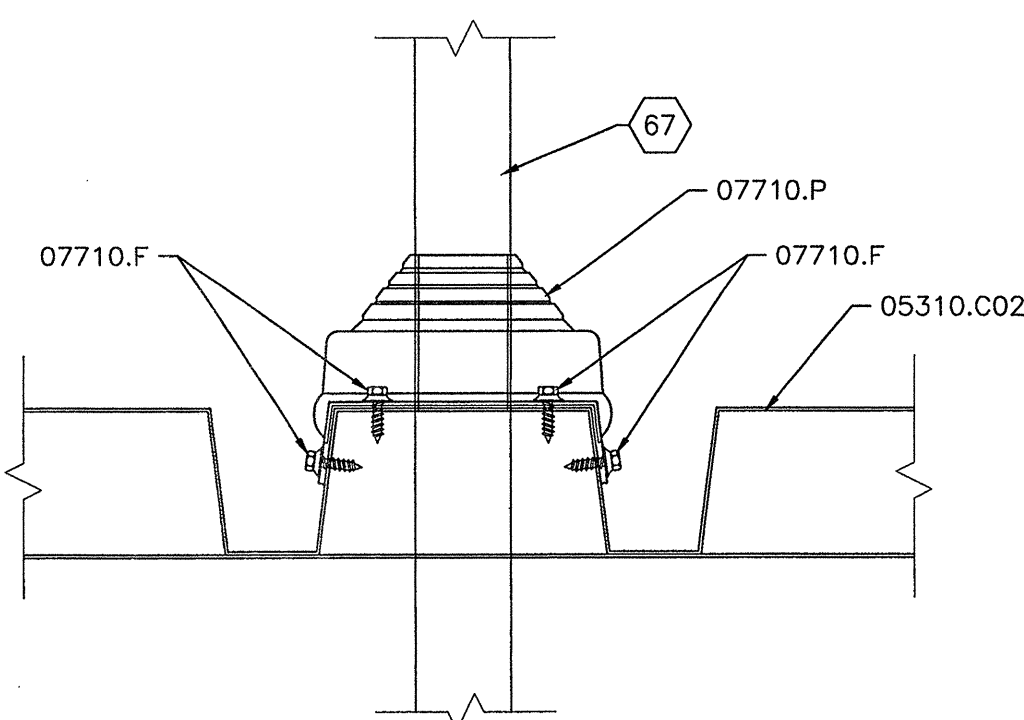
A2 REINFORCEMENT AT CORNERS
1 1/2" = 1'-0"



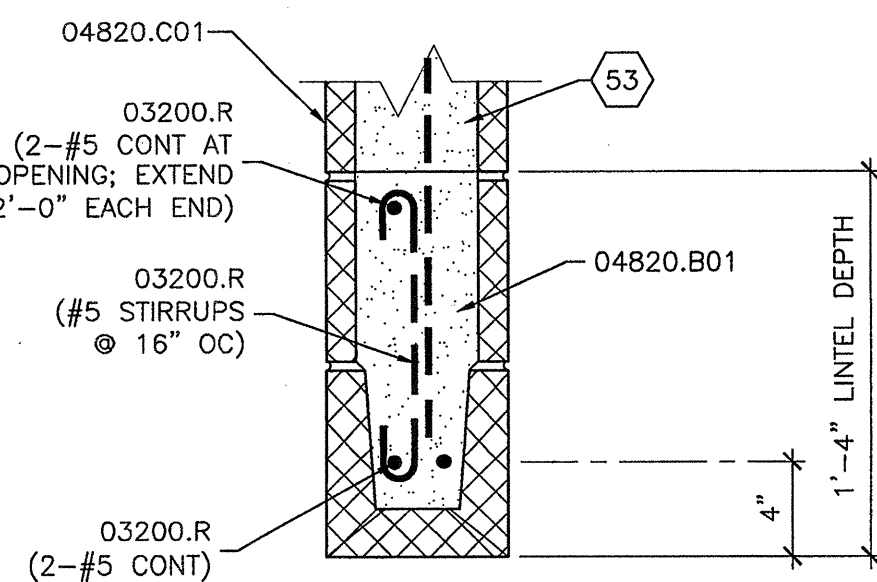
D3 PARAPET FLASHING
3" = 1'-0"



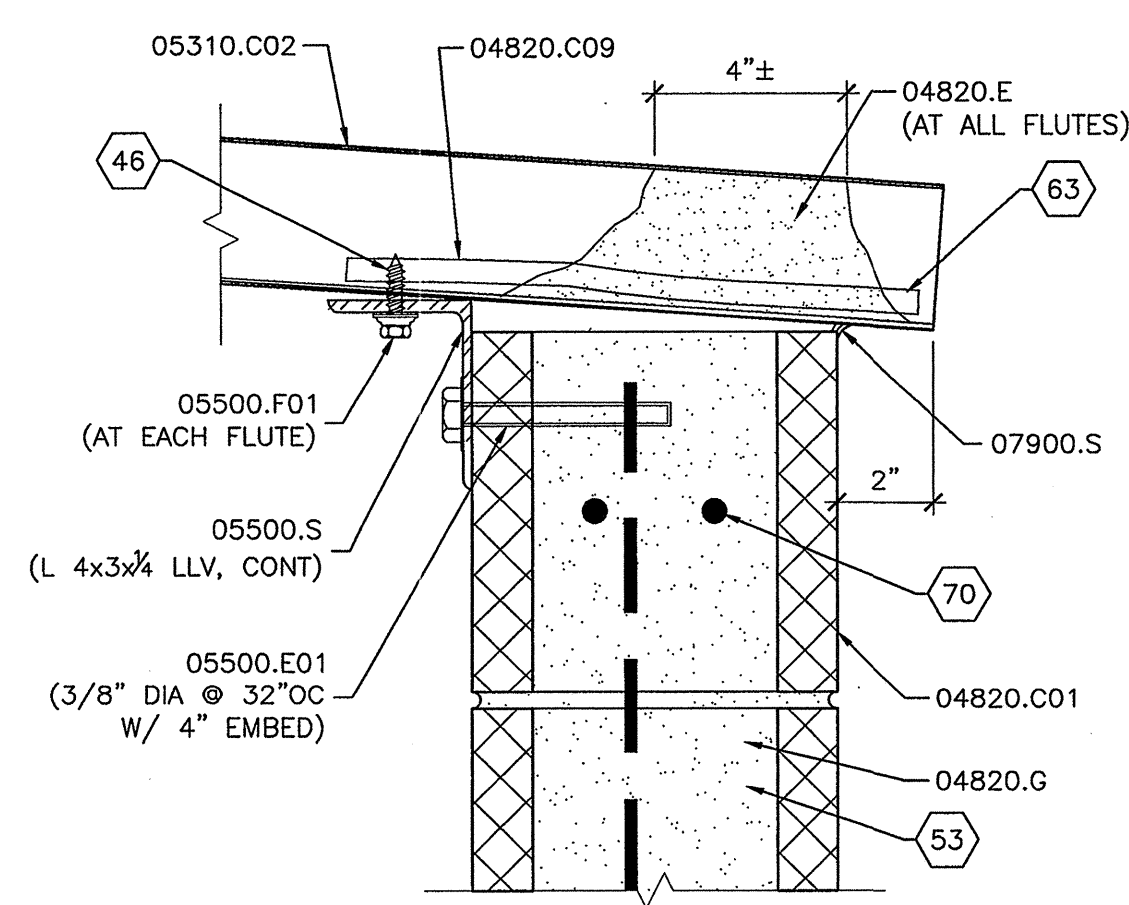
C3 WALL TERMINUS AT ROOF DECK
1 1/2" = 1'-0"



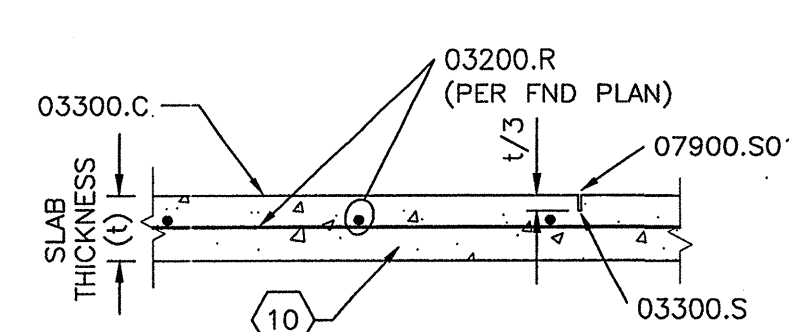
B3 VENT FLASHING
3" = 1'-0"



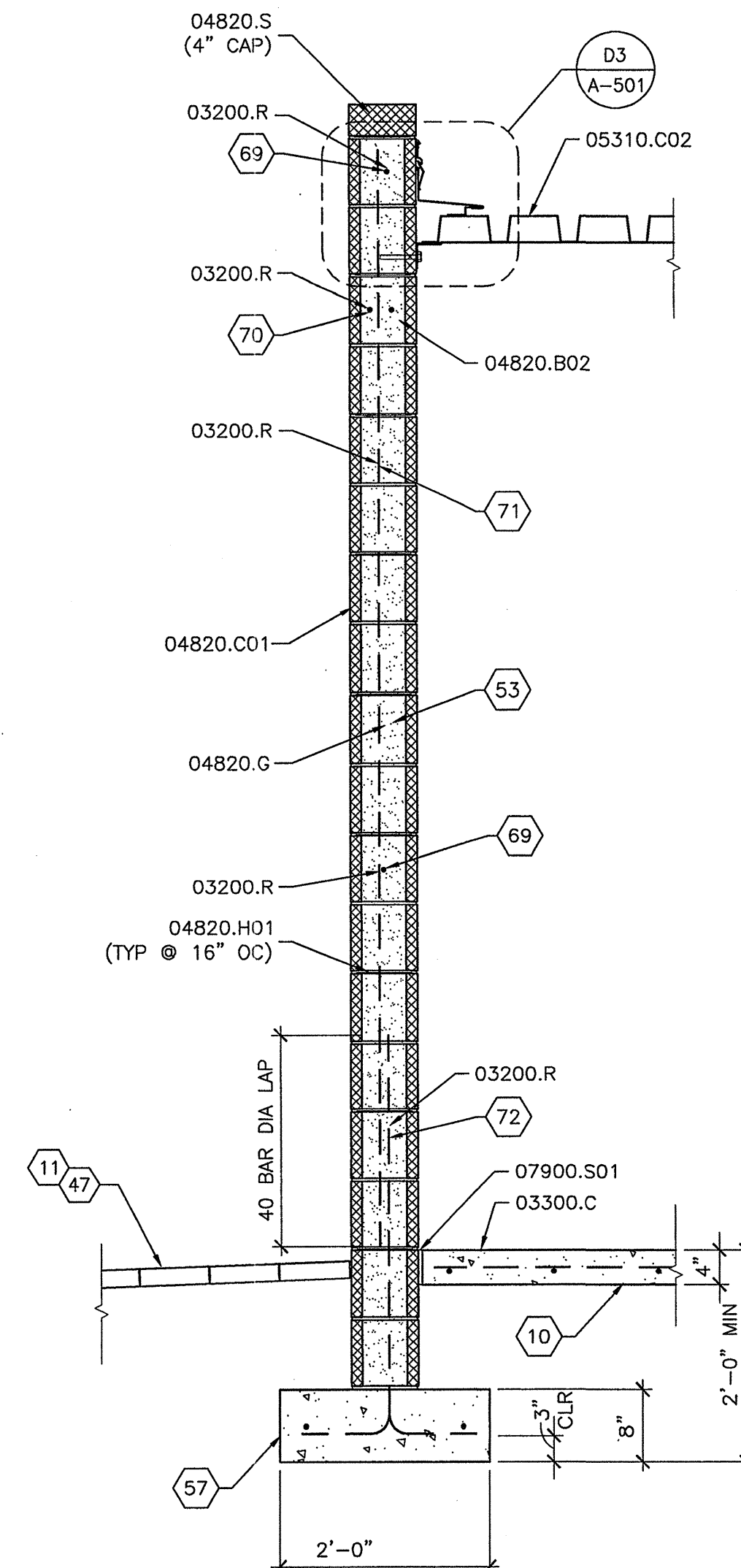
A3 MASONRY LINTEL
3" = 1'-0"



D4 EAVE DETAIL
3" = 1'-0"



C4 CONC SLAB CONTROL JOINT
1" = 1'-0"



A4 WALL SECTION
3/4" = 1'-0"

GENERAL ARCHITECTURAL NOTES (CONTINUED)

- SEE SPECIFICATIONS FOR FOUNDATION EXCAVATION AND BACKFILL REQUIREMENTS.
- REFERENCE FINISH FLOOR ELEVATION = 100'-0" AND DATUM ELEVATION PER CIVIL SITE PLAN.
- SPECIAL STRUCTURAL INSPECTION PER GENERAL STRUCTURAL NOTES THIS SHEET.

GENERAL SHEET NOTES

REFERENCE KEYNOTES

03-CONCRETE	REINFORCING STEEL
03200.R	CAST-IN-PLACE CONCRETE
03300.C	SAW CUT JOINT
03300.S	
04-MASONRY	
04820.B01	BOND BEAM LINTEL
04820.B02	BOND BEAM
04820.C01	CONCRETE MASONRY UNITS TYPE "A"
04820.C02	CONCRETE MASONRY UNITS TYPE "B"
04820.C09	COTTON WEEP
04820.E	EPOXY GROUT
04820.G	GROUT
04820.H01	HORIZONTAL JOINT REINFORCEMENT
04820.H03	HORIZONTAL JOINT REINFORCEMENT PREFORMED CORNER
04820.S	SOLID CONCRETE MASONRY UNIT
05-METALS	
05310.C02	CELLULAR FLOOR DECK
05500.B	BOLT
05500.E01	EXPANSION ANCHOR
05500.F01	FASTENER
05500.L11	LOCKING NUT
05500.S	STEEL ANGLE
06-WOOD & PLASTICS	
06100.P04	PLYWOOD
07-THERMAL & MOISTURE PROTECTION	
07620.F02	FLASHING
07620.F03	FASTENER
07620.S	SHEET METAL
07620.S01	SURFACE MOUNTED REGLET FLASHING
07710.F	FASTENER
07710.P	PIPE FLASHING
07900.J	JOINT BACKING
07900.S	SEALANT TYPE ES-1
07900.S01	SEALANT TYPE ES-2

SHEET KEYNOTES

- CAST-IN-PLACE CONCRETE - REFER TO FOUNDATION PLAN.
- CONCRETE PAVERS - REFER TO LANDSCAPE SHEETS.
- CUT MASONRY BLOCK TO MATCH ROOF SLOPE. GROUT VOIDS AS REQUIRED.
- COORDINATE BEARING ELEVATION AS REQUIRED TO CLEAR PLUMBING WALL; REFER TO DETAIL B2/A-501.
- ELECTRIC WATER HEATER - REFER TO MECHANICAL. MOUNT BOTTOM OF UNIT AT 50" AFF.
- FASTENERS TO PENETRATE INTO ROOF DECK FLUTES. ASSURE FASTENERS DO NOT PENETRATE ROOF.
- GROUT ALL CELLS - TYPICAL.
- 10"D X 24"W CONCRETE FOOTING WITH (3) #4 CONTINUOUS; PROVIDE (2) 24" X 24" CORNER BARS AT ALL CORNERS.
- PROTECT END OF COTTON WEEP DURING EPOXY GROUT INSTALLATION TO ASSURE WICKABILITY.
- FOR FUTURE ACCESS TO CHASE, BOTTOM 4'-0" OF PLYWOOD TO BE OF PIECES NO LARGER THAN 4'-0" X 4'-0" AND SCREWED.
- PLUMBING FIXTURE - SEE PLUMBING SHEETS.
- PLUMBING VENT - REFER TO PLUMBING PLAN.
- CONFIGURE PLYWOOD AROUND OBSTRUCTIONS FOR FUTURE ACCESS TO CHASE.
- REINFORCING STEEL - (1) #5 CONTINUOUS.
- REINFORCING STEEL - (2) #5 CONTINUOUS IN 8" BOND BEAM.
- REINFORCING STEEL - #5 VERTICAL @ 32" OC.
- REINFORCING STEEL - #5 DOWELS; 9" X 42" AT 16" OC; ALTERNATE HOOK.
- REFER TO PLANS FOR WALL CONSTRUCTION.
- CAP AT CEILING SIMILAR TO DETAIL B2/A-501.
- SPACE ENDS OF ROOF DECK 1 INCH APART TO ALLOW FOR EXPANSION.
- SLOTS ON STEEL ANGLE AT ROOF ANCHORS TO BE 1/2" X 1" TO ALLOW FOR THERMAL MOVEMENT. TYPICAL ONLY AT RIDGE ANGLES.
- STAGGER LAG BOLTS ON EITHER SIDE OF WALL.

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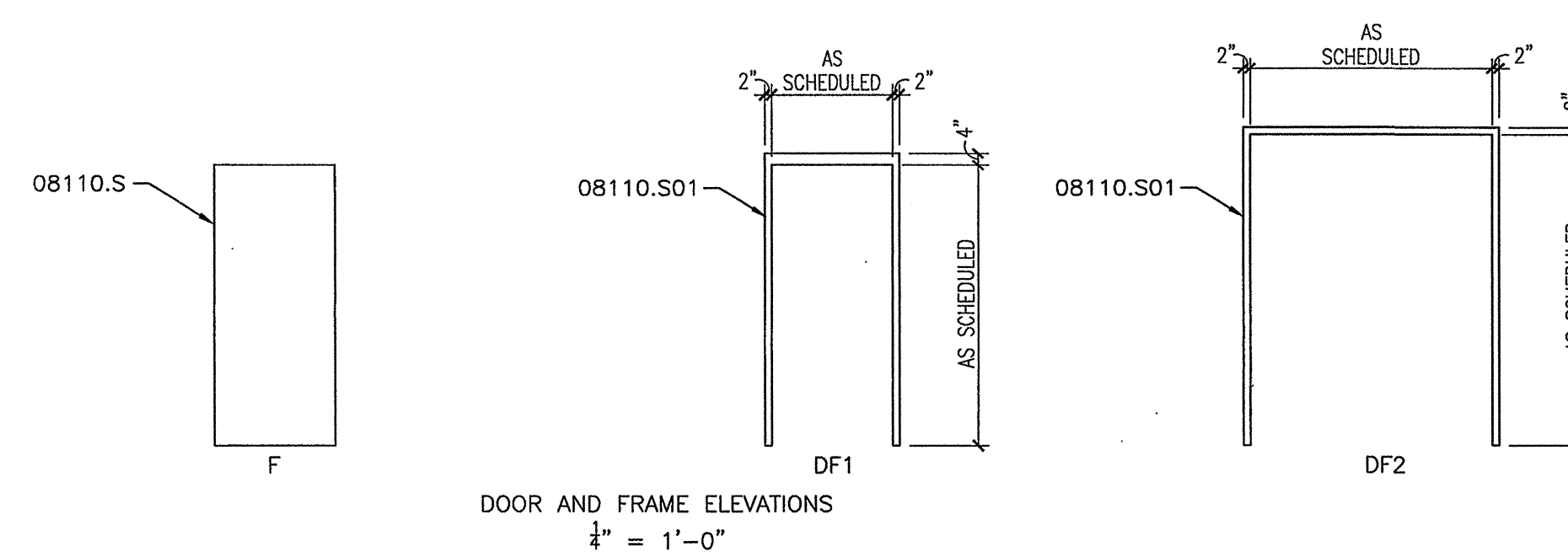
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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP		TINGLEY PARK RECONSTRUCTION DETAILS	
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 7963.03	Zone Map No. K-13	REVISIONS	NO. DATE
		REMARKS	BY
		WILSON & COMPANY, ENGINEERS & ARCHITECTS	DATE MONTH 01
		DESIGNED BY	DATE MONTH 01
		DRAWN BY	DATE MONTH 01
		CHECKED BY	DATE MONTH 01

$$3'' = 1' - 0''$$
$$3'' = 1'-0''$$
$$3'' = 1' - 0''$$

$$3'' = 1'-0''$$

DOOR AND FRAME SCHEDULE																	
DOOR									FRAME					FIRE RATING LABEL	HARDWARE		NOTES
MARK	QTY	SIZE			EL	MATL	LOUVER		EL	MATL	DETAILS				SET NO	KEYSIDE ROOM NO	
		W	H	THK			W	H			HEAD	JAMB	SILL				
101A	1	3'-0"	7'-0"	1-3/4"	F	HM	NA	NA	DF1	HM	C2/A-601	B2/A-601	A2/A-601	NA	HW-1	EXTERIOR	
102A	1	3'-0"	7'-0"	1-3/4"	F	HM	NA	NA	DF1	HM	C2/A-601	B2/A-601	A2/A-601	NA	HW-1	EXTERIOR	
103	2	4'-0"	7'-10"	1-3/4"	F	HM	NA	NA	DF2	HM	D2/A-601	B2/A-601	A2/A-601	NA	HW-2	EXTERIOR	

[illegible]

B3 $1/4'' = 1'-0''$

A3 $3'' = 1'-0''$

A4 $3'' = 1'-0''$

WCEA #06 600 123 00
16 APR 07

95% REVIEW SUBMITTAL

GENERAL SHEET NOTES

1. PROVIDE DOOR HARDWARE IN ACCORDANCE WITH SPECIFICATION SECTION 08710 .

REFERENCE	KEYNOTES
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<u>Q2-SITE CONSTRUCTION</u>	
02751.J	JOINT FILLER
<u>Q3-CONCRETE</u>	
03200.R	REINFORCING STEEL
<u>Q4-MASONRY</u>	
04820.C	CONCRETE MASONRY UNITS
04820.G	GROUT
<u>Q7-THERMAL & MOISTURE PROTECTION</u>	
07900.J	JOINT BACKING
07900.S	SEALANT TYPE ES-1
07900.S01	SEALANT TYPE ES-2
07900.S03	SEALANT TYPE ES-4
<u>Q8-DOORS & WINDOWS</u>	
08110.F	FRAME ANCHOR
08110.S	STEEL DOOR
08110.S01	STEEL FRAME
08710.A	ANCHOR
08710.S	SWEEP
08710.T	THRESHOLD
<u>10-SPECIALTIES</u>	
10436.F01	FASTENER
10436.P01	PANEL SIGN TYPE "A"
10436.R03	RAISED BRAILLE
10800.G01	GRAB BAR TYPE "A"
10800.G02	GRAB BAR TYPE "B"
10800.G03	GRAB BAR TYPE "C"
10800.P	PAPER TOWEL DISPENSER
10800.S	SOAP DISPENSER

⬡ SHEET KEYNOTES

10. CAST-IN-PLACE CONCRETE - REFER TO FOUNDATION PLAN.
11. CONCRETE PAVERS - REFER TO LANDSCAPE SHEETS.
41. EDGE OF DOOR FRAME ON LATCH SIDE OF DOOR.
44. FINISH FLOOR.
48. GROUT ALL CELLS - TYPICAL.
53. GROUT ALL CELLS - TYPICAL.
60. MASONRY LINTEL - REFER TO DETAIL A3/A-501.

[illegible]

GENERAL MECHANICAL NOTES

- UNLESS OTHERWISE NOTED, THE WORK DESCRIBED ON THE PLANS AND SPECIFICATIONS SHALL INCLUDE THE FURNISHING AND INSTALLATION OF ALL LABOR AND MATERIALS NECESSARY FOR COMPLETE AND OPERATIONAL EXHAUST AND PLUMBING SYSTEM. CONTRACTOR SHALL FURNISH THESE EVEN IF ITEMS REQUIRED TO ACHIEVE THIS (I.E. OFFSETS, ISOLATION AND BALANCING DEVICES, MAINTENANCE CLEARANCES, ETC.) ARE NOT SPECIFICALLY SHOWN.
2. DATA GIVEN ON THE DRAWINGS IS AS EXACT AS COULD BE SECURED. ABSOLUTE ACCURACY IS NOT GUARANTEED AND THE CONTRACTOR SHALL OBTAIN AND VERIFY EXACT LOCATIONS, MEASUREMENTS, CLEARANCE REQUIREMENTS, POTENTIAL CONFLICTS WITH OTHER TRADES, ETC. AT THE SITE AND SHALL SATISFACTORILY ADAPT HIS WORK TO ACTUAL CONDITIONS AT THE BUILDINGS. THE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND SHALL NOT BE SCALED. HOWEVER, THIS DOES NOT RELIEVE ANY SUB-CONTRACTOR FROM COORDINATING HIS WORK WITH ALL OTHER TRADES AND FROM ADJUSTING HIS WORK AS REQUIRED BY THE ACTUAL CONDITIONS OF THE PROJECT. THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING A BID TO BECOME THOROUGHLY FAMILIAR WITH THE ACTUAL CONDITIONS OF THE PROJECT.
3. COORDINATE AND ADJUST ALL WORK BETWEEN TRADES AND EXISTING CONDITIONS IN ORDER TO ACCOMPLISH A NEAT, INTEGRATED AND EFFICIENT INSTALLATION. EXAMINE THE CONTRACT DOCUMENTS OF ALL TRADES (I.E. THE ARCHITECTURAL REFLECTED CEILING PLAN, ELECTRICAL LIGHTING PLAN, FIRE PROTECTION PLAN, ETC.). COORDINATE NECESSARY EQUIPMENT, DUCTWORK AND PIPING LOCATIONS SO THAT THE FINAL INSTALLATION IS COMPATIBLE WITH THE MATERIALS AND EQUIPMENT OF THE OTHER TRADES. PREPARE SHOP DRAWINGS FOR INSTALLATION OF ALL NEW WORK BEFORE INSTALLATION TO PROVIDE COORDINATION OF WORK BETWEEN TRADES.
4. REFERENCE THE ARCHITECTURAL DIVISION FOR EXACT LOCATION OF ALL VISIBLE FIXTURES, EQUIPMENT AND AIR DEVICES.
5. MAINTAIN A MARK-UP SET OF DRAWINGS WHICH INDICATE VARIATIONS IN THE ACTUAL INSTALLATION FROM THE ORIGINAL DESIGN. SURRENDER DRAWINGS TO OWNER UPON COMPLETION.
6. ALL CAPACITIES ARE SCHEDULED AT JOBSITE ALTITUDE OF 5312 FT.
7. VERIFY THE ELECTRICAL SERVICE PROVIDED BY THE ELECTRICAL CONTRACTOR BEFORE ORDERING ANY MECHANICAL EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS.
8. PROVIDE HIGH EFFICIENCY MOTORS WITH 1.15 SERVICE FACTOR ON ALL EQUIPMENT, MOTORS SHALL BE CAPABLE OF OPERATING CONTINUOUSLY AT 105% UNDER JOBSITE CONDITIONS.
9. SUSPEND EACH TRADE'S WORK SEPARATELY FROM THE STRUCTURE. DUCTWORK SHALL BE HELD TIGHT TO STRUCTURE EXCEPT WHERE SHOWN.
10. INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
11. PROVIDE MANUFACTURER'S RECOMMENDED SERVICE CLEARANCE ALL AROUND ALL EQUIPMENT REQUIRING SAME.
12. PROVIDE FOR SAFE CONDUCT OF THE WORK, CAREFUL REMOVAL AND DISPOSITION OF MATERIALS AND PROTECTION OF PROPERTY WHICH IS TO REMAIN UNDISTURBED.
13. PROVIDE ACCESS DOORS FOR ALL EQUIPMENT, VALVES, CLEANOUTS, ACTUATORS AND CONTROLS WHICH REQUIRE ACCESS FOR ADJUSTMENT OR SERVICING AND WHICH ARE LOCATED IN OTHERWISE UNACCESSIBLE LOCATIONS, FOR EQUIPMENT LOCATED IN "ACCESSIBLE LOCATIONS" SUCH AS LAY-IN CEILING: LOCATE EQUIPMENT TO PROVIDE ADEQUATE SERVICE CLEARANCE FOR NORMAL MAINTENANCE WITHOUT REMOVING ARCHITECTURAL, ELECTRICAL OR STRUCTURAL ELEMENTS SUCH AS THE CEILING SUPPORT SYSTEM, ELECTRICAL FIXTURES, ETC. "NORMAL MAINTENANCE" INCLUDES, BUT IS NOT LIMITED TO: FILTER CHANGING; GREASING OF BEARINGS; USING P/V PORTS FOR PRESSURE OR TEMPERATURE MEASUREMENTS; SERVICING CONTROL VALVES AND SERVICING CONTROL PANELS.
14. NOTE NOT USED.
15. ISOLATE ALL PRESSURIZED PIPING WATER BRANCHES FOR EACH RISER, BRANCH ITEM OF EQUIPMENT AND AREA SERVED.
16. DOMESTIC WATER LINES SHALL BE LOCATED EXPRESSED IN FINISHED SPACES OR BELOW THE BUILDING SLAB UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
17. NOTE NOT USED.
18. SANITARY VENTS, ETC. SHALL BE COMPATIBLE WITH ROOFING SYSTEM TO BE PROVIDED. REFERENCE ARCHITECTURAL DIVISION FOR REQUIRED FLASHING DETAILS.
19. NOTE NOT USED
20. NOTE NOT USED
21. NOTE NOT USED
22. NOTE NOT USED
23. NOTE NOT USED
24. REPAIR ALL ACCIDENTAL OR INTENTIONAL DAMAGE TO MATCH EXISTING CONSTRUCTION WITH NO NOTICEABLE DIFFERENCE IN CONTINUITY, APPEARANCE OR FUNCTION.
25. IF UNABLE TO OBTAIN WITHIN 85% OF THE REQUIRED CFM QUANTITIES IN ANY TERMINAL UNIT, AIR DIFFUSION DEVICE, BRANCH OR MAIN DUCT, NOTIFY ENGINEER IMMEDIATELY, THEN PERFORM A VISUAL INSPECTION AND/OR PITOT TUBE TRAVERSE TO IDENTIFY THE SOURCE OF THE OBSTRUCTION. REMOVE THE OBSTRUCTION AND RE-BALANCE.
26. NOTE NOT USED.
27. SUBMIT EQUIPMENT CUT SHEETS AND CONTROL DIAGRAMS FOR REVIEW AND RECORD. SUBMITTALS MUST BE REVIEWED AND NOT REJECTED BEFORE WORK BEGINS. MANUFACTURER LISTED IS BASIS OF DESIGN. SUBSTITUTIONS MAY BE OFFERED DURING THE SUBMITTAL PHASE. JUDGEMENT OF EQUIVALENCY SHALL BE MADE BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING CLEARANCE, DIMENSIONS, ELECTRICAL AND OTHER UTILITY REQUIREMENTS AND CONNECTIONS TO OTHER WORK.
28. QUALITY CONTROL:
- A. QUALIFICATION OF PRODUCTS: WHEN PRODUCTS ARE SPECIFIED BY MANUFACTURER AND MODEL NUMBER, EQUIVALENT PRODUCTS BY OTHER MANUFACTURERS LISTED MAY BE PROVIDED. PRODUCT EQUIVALENCY SHALL BE DETERMINED BY ENGINEER.
- B. IF A PRODUCT SUBMITTED AS AN EQUIVALENT IS DEEMED UNACCEPTABLE TO THE ENGINEER, THE SPECIFIED PRODUCT SHALL BE PROVIDED AT NO EXTRA COST TO THE PROJECT.
- C. SUBMITTALS SHALL INCLUDE REVISED AND SUPPLEMENTED CONTROL DIAGRAMS
- D. SUBMIT CUT SHEETS ON ALL OF THE SPECIFIED EQUIPMENT.
29. THE ARCHITECT OR ENGINEER SHALL ACCEPT ALL SUBMITTALS AND RESPOND TO ALL QUESTIONS DURING CONSTRUCTION. THE ARCHITECT OR ENGINEER SHALL REVIEW ALL SUBMITTALS AND PREPARE ANY REQUIRED CLARIFICATIONS DURING CONSTRUCTION. IT IS RECOGNIZED THAT SUBMITTALS ARE MADE FOR THE ARCHITECT'S AND ENGINEER'S INFORMATION AND RECORD ONLY.
30. CONTRACTOR SHALL CREATE A LOG SHEET FOR REQUIRED TESTS. THE LOG SHEET WILL HAVE A COLUMN FOR REQUIRED TESTS, A COLUMN FOR ACCEPTANCE OF TEST, A COLUMN FOR REMARKS, AND A COLUMN FOR APPROVAL SIGNATURE.
31. CONTRACTOR SHALL CREATE A LOG SHEET REQUIRED TRAINING. THE LOG SHEET WILL HAVE A COLUMN FOR THE TRAINED ITEM, A COLUMN FOR THE TIME, DATE AND DURATION OF THE TRAINING, AND A COLUMN FOR ACCEPTANCE OF TRAINING BY OWNER, ARCHITECT, OR ENGINEER.
32. AFTER INSTALLATION OF SYSTEM, PERFORM AN OPERATIONAL TEST IN THE PRESENCE OF THE OWNER, ARCHITECT OR ENGINEER. THIS TEST WILL CONSIST OF SUCCESSFULLY DEMONSTRATING:
- A. APPEARANCE OF INSTALLATION.
- B. FUNCTION OF ALL CONTROLS.
- C. THE CONTROLS SHALL BE OPERATED IN THE FOLLOWING MODES IN EACH ZONE: ON, OFF, AND AUTOMATIC
- D. IF THE TEST IS NOT SUCCESSFUL, IN THE OPINION OF THE ARCHITECT, DEFICIENCIES WILL BE REMEDIED AND THE SYSTEM WILL BE RE-TESTED UNTIL THE TEST IS SUCCESSFUL. SECOND AND SUBSEQUENT TESTS WILL RESULT IN THE CONTRACTOR'S CONTRACT PAYMENT BEING REDUCED AN AMOUNT EQUAL TO \$5 DOLLARS TIMES THE NUMBER OF ADDITIONAL HOURS SPENT BY THE ARCHITECT OR ENGINEER WITNESSING THE TEST. THE OWNER SHALL PAY THIS AMOUNT TO THE ARCHITECT.
33. DEMONSTRATION: ALLOW 8 HOURS FOR INSTRUCTION OF THE MAINTENANCE PERSONNEL IN OPERATION OF SYSTEM. THE INSTRUCTION SHALL BE COORDINATED AT LEAST 48 HOURS IN ADVANCE THROUGH THE ARCHITECT OR ENGINEER, WHO SHALL ALSO WITNESS THE DEMONSTRATION.

MECHANICAL LEGEND

(NOT ALL SYMBOLS LISTED BELOW ARE BEING USED IN THIS SET OF MECHANICAL DRAWINGS)

SYMBOL	ABBR	DESCRIPTION	SYMBOL	ABBR	DESCRIPTION	SYMBOL	ABBR	DESCRIPTION
HVAC:								
		DIFFUSER— 4-WAY THROW		(XX)	EXISTING PIPING XX=CALCUT		TCV	AUTOMATIC TEMP. CONTROL VALVE, 2-WAY
		DIFFUSER— 3-WAY THROW		HWS	HEATING WATER SUPPLY		TCV	AUTOMATIC TEMP. CONTROL VALVE, 3-WAY
		DIFFUSER— 2-WAY THROW		HWR	HEATING WATER RETURN		TPR	TEMPERATURE/ PRESSURE RELIEF VALVE
	RA	RETURN AIR GRILLE		CHWS	CHILLED WATER SUPPLY			VALVE IN RISER
		RETURN OR EXHAUST DUCT UP		CHWR	CHILLED WATER RETURN		HB FPWH	HOSE BIBB, FREEZE PROOF WALL HYDRANT
		SUPPLY DUCT UP		CWS	CONDENSER WATER SUPPLY		VB	VACUUM BREAKER
		SUPPLY DUCT DOWN		CWR	CONDENSER WATER RETURN		RD	ROOF DRAIN
		RETURN OR EXHAUST DUCT DOWN		HTWS	HIGH TEMP. HOT WATER SUPPLY		OD	OVERFLOW ROOF DRAIN
		RETURN OR EXHAUST DUCT DOWN		HTWR	HIGH TEMP. HOT WATER RETURN		DSN	DOWNSPOUT NOZZLE
		ROUND DUCT DOWN		LPS	LOW PRESSURE STEAM		SA	SHOCK ARRESTER
		ROUND DUCT DOWN		LPR	LOW PRESSURE CONDENSATE		FD	FLOOR DRAIN
		ROUND DUCT UP		RS	REFRIGERANT SUCTION		GCO	CLEANOUT GRADE
		ROUND DUCT UP		RL	REFRIGERANT LIQUID		FCO	CLEANOUT FLOOR
		FLEXIBLE DUCT CONNECTION		RHG	REFRIGERANT HOT GAS		CO	CLEANOUT WALL
		FLEXIBLE DUCT CONNECTION		T	TEMPERED WATER		M	METER: GAS, (G) OR WATER, (W)
		VANED ELBOW		CW	DOMESTIC COLD WATER		VTR	PLUMBING VENT THRU ROOF
		VANED ELBOW		HW	DOMESTIC HOT WATER		STR	STRAINER W/ VALVE & HOSE— END CONNECTION
		VANED ELBOW		HWC	DOMESTIC HOT WATER			
	MVD	MANUAL VOLUME DAMPERS WITH LOCKING QUADRANT		AW	ACID WASTE			
		MANUAL VOLUME DAMPERS WITH LOCKING QUADRANT		PD	PURIFIER DRAINAGE			
	MD	MOTORIZED DAMPERS		SAN	SANITARY WASTE ABOVE FLOOR			
		MOTORIZED DAMPERS		SAN	SANITARY WASTE BELOW FLOOR			
		EXISTING DUCTWORK NO CHANGE		V	SANITARY VENT			
		EXISTING DUCTWORK NO CHANGE		ST	STORM			EXISTING SPRINKLER HEAD TO REMAIN
		EXISTING DUCTWORK NO CHANGE		ST	STORM BELOW FLOOR			EXISTING SPRINKLER HEAD TO BE RELOCATED
		EXISTING DUCTWORK NO CHANGE		OF	STORM OVERFLOW			EXISTING SPRINKLER HEAD TO NEW LOCATION
		EXISTING DUCTWORK NO CHANGE		F	FIRE			EXISTING SPRINKLER HEAD TO MATCH EXISTING
		EXISTING DUCTWORK NO CHANGE		G	NATURAL GAS		PV	POST INDICATOR VALVE
		EXISTING DUCTWORK NO CHANGE		O	OXYGEN			
		EXISTING DUCTWORK NO CHANGE		O	OXYGEN OUTLET			
		EXISTING DUCTWORK NO CHANGE		VAC	VACUUM			
		EXISTING DUCTWORK NO CHANGE		V	VACUUM COMPRESSED AIR			
		EXISTING DUCTWORK NO CHANGE		A	VACUUM COMPRESSED AIR OUTLET			
		EXISTING DUCTWORK NO CHANGE		MA	MEDICAL AIR OUTLET			
		EXISTING DUCTWORK NO CHANGE		NO	NITROUS OXIDE			
		EXISTING DUCTWORK NO CHANGE		DR	EQUIPMENT DRAIN			
		EXISTING DUCTWORK NO CHANGE			ELBOW UP			
		EXISTING DUCTWORK NO CHANGE			ELBOW DOWN			
		EXISTING DUCTWORK NO CHANGE			TEE UP			
		EXISTING DUCTWORK NO CHANGE			TEE DOWN			
		EXISTING DUCTWORK NO CHANGE			PIPE CAP OR PLUG			
		EXISTING DUCTWORK NO CHANGE		RD	ROOF DRAIN LINE ABOVE FLOOR			
		EXISTING DUCTWORK NO CHANGE		RD	ROOF DRAIN LINE BELOW FLOOR			
		EXISTING DUCTWORK NO CHANGE		ORD	OVERFLOW ROOF DRAIN LINE ABOVE FLOOR			
		EXISTING DUCTWORK NO CHANGE		ORD	OVERFLOW ROOF DRAIN LINE BELOW FLOOR			
		EXISTING DUCTWORK NO CHANGE		RD	ROOF DRAIN LINE TEMPORARY			
VALVES:								
		GATE VALVE		CV	CHECK VALVE			
		PRESSURE REDUCING VALVE		BV	BALL VALVE			
FITTINGS:								
	CR	CONCENTRIC REDUCER						
	P & T	PRESSURE/ TEMPERATURE PORT TAPS						
	ER	ECCENTRIC REDUCER						
	U	UNION						
	AC	ALIGNMENT GUIDE						
	FC	FLEXIBLE PIPE CONNECTOR						
		THERMOMETER W/THERMOWELL						
		THERMOMETER W/THERMOWELL						
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		THERMOMETER W/THERMOWELL						
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FAN SCHEDULE

MARK	MANUFACTURER/ MODEL NO.	SERVICE	LOCATION	TYPE	CFM	ESP (IN)	DRIVE	SONES (MAX)	RPM	ELECTRICAL			REMARKS
										HP	VOLT	PH	
EF-1	GREENHECK / SQ-80-D	EXHAUST	STORAGE RM	CENTRIFUGAL	275	0.38	DIRECT	7	1550	1/12	115	1	A,B,C,D

GENERAL NOTES

2. FAN CFM VALUE IS ACTUAL AT ALTITUDE. MOTOR HP HAS BEEN ADJUSTED TO SEA LEVEL CONDITIONS FOR OPERATION AT JOBSITE ELEVATION. JOBSITE ELEVATION= 617 FT.

REMARK NOTES

- REMARK NOTES**
- A. UNIT TO OPERATE FROM LIGHT SWITCH.
 - B. MOUNT FANS PER MANUFACTURERS RECOMMENDATIONS.
 - C. PROVIDE SPEED CONTROLLER.
 - D. PROVIDE GRAVITY BACKDRAFT DAMPER.

PIPE INSULATION SCHEDULE

PIPING SYSTEM	INSULATION TYPE	JACKET TYPE	VAPOR BARRIER MASTIC	PIPE INSULATION THICKNESS (INCHES) NOMINAL PIPE DIAMETER (INCHES)				REMARKS
				1/2" TO 1"	1 1/4" TO 2"	2 1/2" TO 4"	5" & UP	
DOMESTIC HOT WATER	FIBERGLASS	ALL SERVICE	YES	1	1	1	1	
DOMESTIC HOT WATER	FIBERGLASS	ALL SERVICE	YES	1	1	1	1	

GRILLE REGISTER DIFFUSER SCHEDULE

MARK	MANUFACTURER/ MODEL NO.	LOCATION	SERVICE	TYPE	ACCESSORIES	FACE SIZE	REMARKS
A	KRUEGER / 1300 SERIES	WALL	EXHAUST	GRILLE	---	SEE DRWGS	---

GENERAL NOTES

1. SEE PLANS FOR CFM AND NECK SIZE.
2. MAXIMUM NOISE CRITERIA (NC) SHALL BE 20 UNLESS OTHERWISE NOTED.
3. COLOR IS OFF WHITE UNLESS OTHERWISE NOTED.
4. MATERIAL IS STEEL UNLESS OTHERWISE NOTED.
5. PROVIDE BALANCING DEVICE FOR ALL GRD'S UNLESS OTHERWISE NOTED.
6. PAINT ALL VISIBLE SURFACES THROUGH GRD'S FLAT BLACK.

REMARK NOTES:

- REMARK NOTES:**
A. PROVIDE JET THROW PATTERN.
B. PROVIDE HIGH THROW PATTERN
C. COLOR TO BE SELECTED BY ARCHITECT

LOUVER SCHEDULE

MARK	MANUF./ MODEL	LOCATION	SIZE (W"X"H")	DEPTH	MINIMUM FREE AREA (SF)	AIR FLOW	MOTORIZED DAMPER	REMARKS
L-1	RUSKIN / ELF375	SEE DWG	18X14	4	0.4	275	NO	A,B,C,D

REMARKS:

- REMARKS:**
A. PROVIDE BIRD SCREEN.
B. PROVIDE INSECT SCREEN.
C. INSTALL PER MANUFACTURERS INSTRUCTION.
D. COLOR OF LOUVER TO BE SELECTED BY ARCHITECT.

TANKLESS WATER HEATER SCHEDULE (ELECTRIC)

CODE	MANUFACTURER/ MODEL NO.	GPM	RECOVERY (100 F RISE)	KW	ELEC.		REMARKS
					VOLT	PH	
TWH-1	STIEBEL ELTRON / DHC 3-1	0.5	45	3	120	1	A
TWH-2	STIEBEL ELTRON / DHC 3-1	0.5	45	3	120	1	A
TWH-3	STIEBEL ELTRON / DHC 3-2	1	30	3.3	240	1	A

GENERAL NOTES

- A. MOUNT UNIT PER MANUFACTURE INSTRUCTIONS.**

[illegible]



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STATE OF NEW MEXICO
PROFESSIONAL ENGINEER
No. 10000
JAMES L. WILSON

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

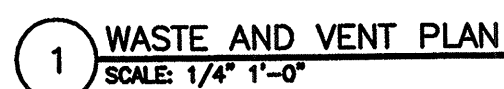


STATE OF NEW MEXICO
PROFESSIONAL ENGINEER
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TINGLEY PARK RECONSTRUCTION

GENERAL NOTES AND LEGEND

	Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of		
7963.03	K-13	M-001			



- 1 OIL INTERCEPTOR. PROVIDE CONCRETE PAD 6" LARGER THAN INTERCEPTOR.
- 2 4" WASTE UP, 2" VENT DOWN TO WATER CLOSET.
- 3 2" WASTE UP, 1 1/2" VENT DOWN TO URINAL.
- 4 2" WASTE UP, 1 1/2" VENT DOWN TO LAVATORY.
- 5 2" WASTE UP, 1 1/2" VENT DOWN TO SERVICE SINK.
- 6 2" WASTE UP, 1 1/2" VENT DOWN TO DRINKING FOUNTAIN.
- 7 2" CW DOWN IN CHASE. PROVIDE SHUTOFF BALL VALVE WITH ACCESS DOOR.
- 8 1" CW TO WATER CLOSET.
- 9 WATER METER PIT. ROUTE 2" CW TO CHASE.
- 10 3/4" CW, 3/4" HW TO TANKLESS WATER HEATER MOUNTED ON WALL.
- 11 1/2" CW, 1/2" HW TO TO LAVATORY.
- 12 1/2" CW, 1/2" HW TO TANKLESS WATER HEATER MOUNTED ON WALL.
- 13 3/4" CW TO URINAL.
- 14 3/4" CW TO HOSE BIB.
- 15 1/2" CW DOWN TO TRAP PRIMER. ROUTE 1/2" CW TO FLOOR DRAIN. PROVIDE ACCESS DOOR FOR TRAP PRIMER IN WALL.
- 16 1/2" CW DOWN TO DRINKING FOUNTAIN.
- 17 2" VENT DOWN IN WALL.

1. COORDINATE INSTALLATION OF WASTE AND VENT PIPING WITH STRUCTURAL SYSTEM.
2. SLOPE WASTE PIPING 4" AND LARGER AT 1/8" PER FOOT.
3. PROVIDE PRO-SET "TRAP GUARDS" WITH ALL FLOOR DRAINS.
4. REFER TO CIVIL SHEETS FOR CONTINUATION TO THE SITE.
5. PROVIDE FLEXIBLE CONNECTION ON ALL EQUIPMENT.
6. RUNS TO DIFFUSERS SHALL BE SAME SIZE AS DIFFUSER THROAT SIZE.

City Project No.	Zone Map No.	Sheet	Of
7963.03	K-13	M-101	

WCEA #0660012300
26 MARCH 2007