



GRAVES PARK
NEW PLAY EQUIPMENT
CUTLER ROAD
ALBUQUERQUE, NEW MEXICO
CLASS II CONSTRUCTION

DEPARTMENT OF MUNICIPAL DEVELOPMENT
PARK AND MEDIAN DESIGN DIVISION

INDEX OF DRAWINGS	
SHEET TITLE	SHEET NUMBER
COVER SHEET	A
DEMOLITION AND CONSTRUCTION PLAN	B

VICINITY MAP

ZONE MAP NO. H-13 AND H-14

GENERAL NOTES

1. ALL WORK ON THESE PLANS TO BE PERFORMED UNDER CONTRACT, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREIN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS - PUBLIC WORKS CONSTRUCTION - 1986 EDITION, AS AMENDED THROUGH UPDATE #6.

2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 280-1990, FOR LOCATION INFORMATION OF EXISTING UTILITIES.

3. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED ON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE LANDSCAPE ARCHITECT HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY, THEREFORE THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF ANY DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND LINE IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE UTILITY LINES AND FACILITIES.

4. SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND THE ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE LANDSCAPE ARCHITECT IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH THE MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.

5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.

6. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.

7. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.

8. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.

9. TACK COAT REQUIREMENTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE LANDSCAPE ARCHITECT.

10. CONTRACTOR SHALL COORDINATE WITH THE WATER SYSTEM DIVISION FOR THE EXECUTION OF THE VALVE SHUT OFF PLAN, NOT LESS THAN SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT THE EXISTING PUBLIC WATER UTILITIES. ONLY WATER SYSTEM PERSONNEL SHALL OPERATE EXISTING VALVES, REFER TO SECTION 18 OF THE SPECIFICATIONS.

11. CONTRACTOR SHALL NOTIFY CITY SURVEYING NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT CITY SURVEYING MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT AND PERMISSION OF CITY SURVEYING. REPLACEMENT SHALL BE DONE ONLY BY CITY SURVEYING. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT ITS OWN EXPENSE, ADJUST THE MONUMENT AND ITS COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE SPECIFICATIONS.

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

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

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

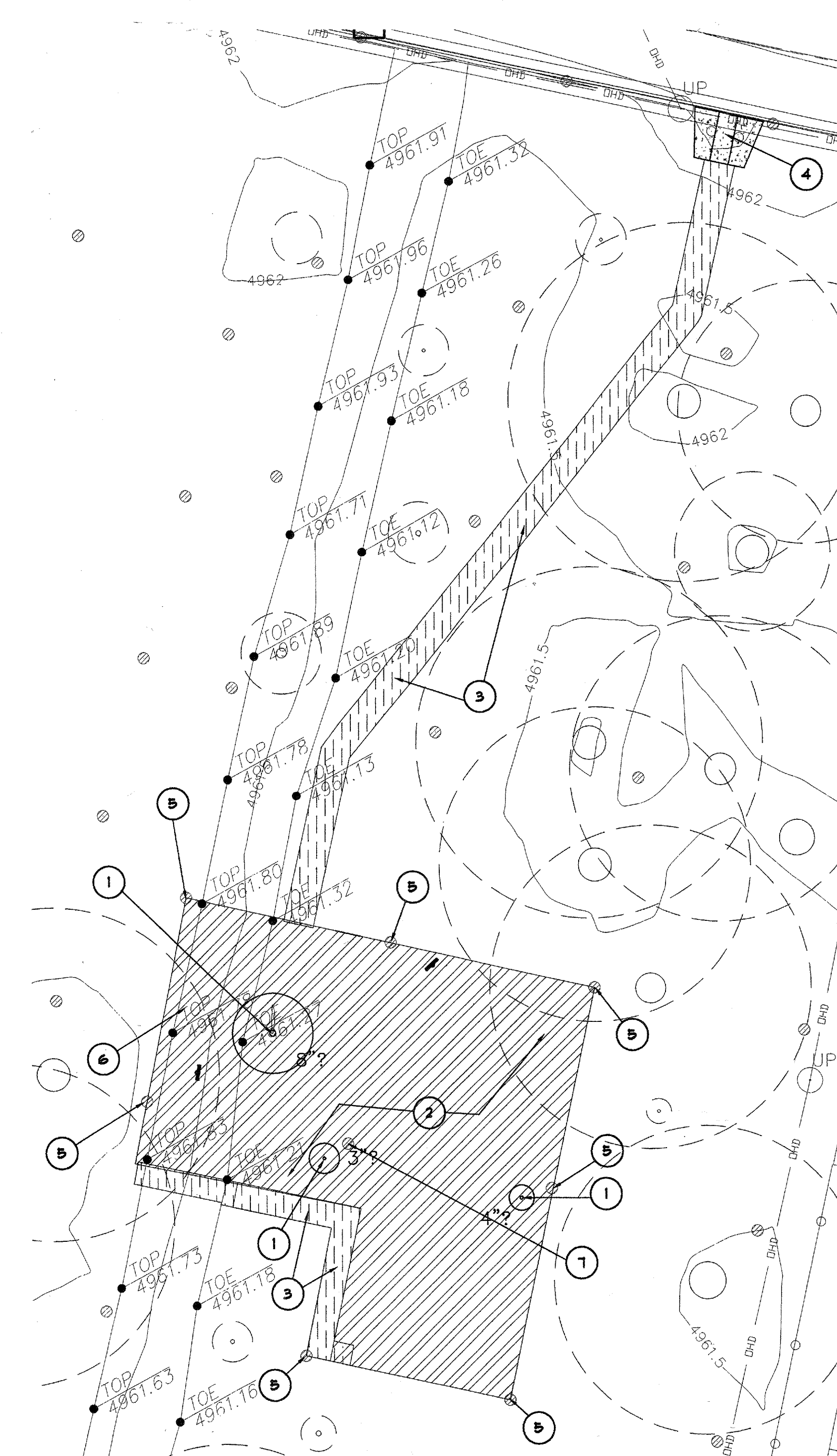
MORROW
REARDON
WILKINSON, LTD.,
LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9637
mrw@mrrwm.com

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE	
ENGINEERS' STAMP & SIGNATURE		APPROVALS		ENGINEERS		DATE		
		DRC Chairman				APPROVED FOR CONSTRUCTION		
		Transportation						
		Water/Wastewater						
		Hydrology						
		CIP						
		Constr. Mngmt.				City Engineer		Date
		Constr. Coord.						
		City Project No.		572410		Sheet		Of
						A		2

FINAL FOR CONSTRUCTION

DATE: 9-24-03 Set #20 Chuck S Recreation Graves Park

FINAL FOR CONSTRUCTION

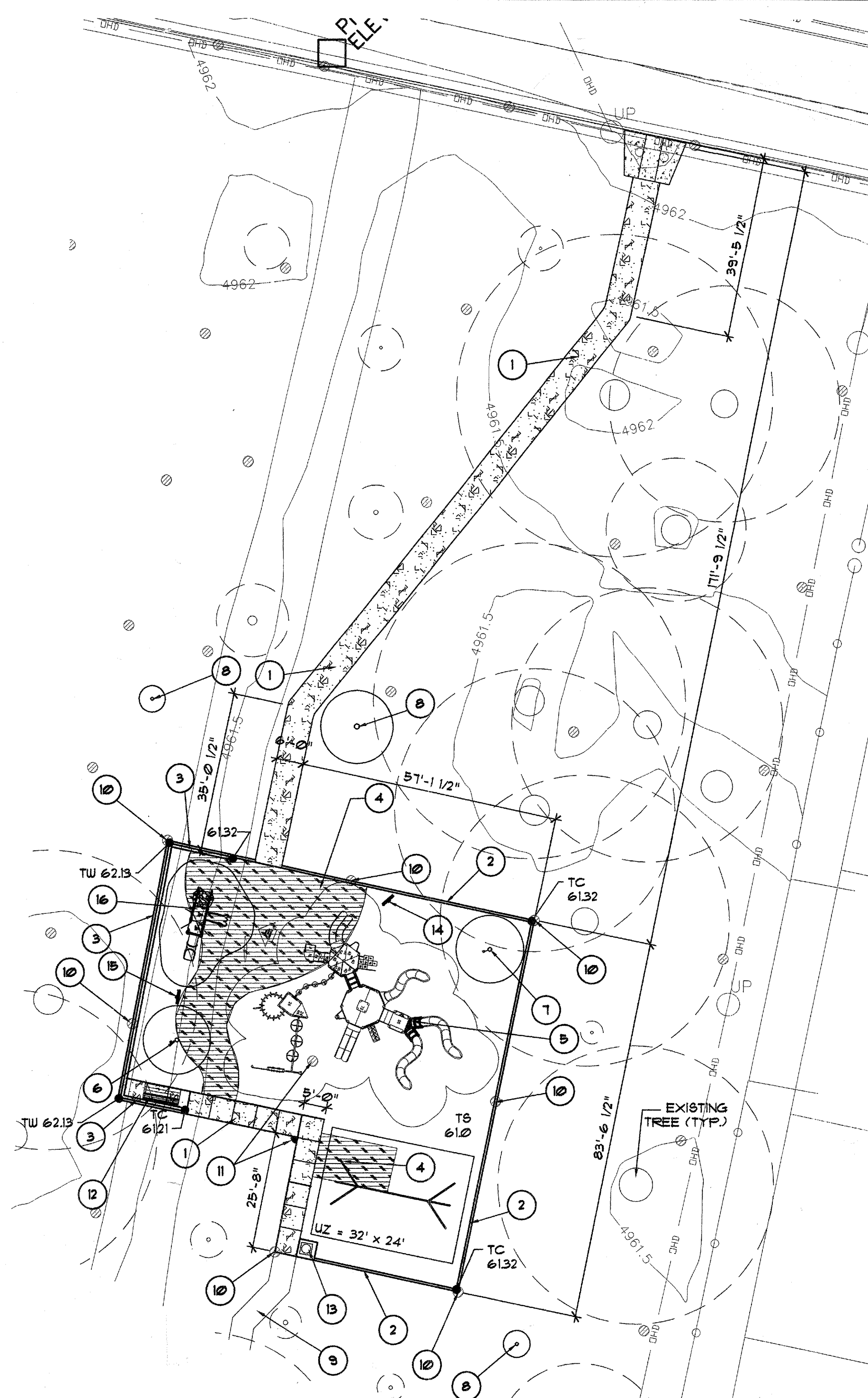


DEMOLITION KEYED NOTES

- 1 REMOVE AND RELOCATE EXISTING TREE. REFERENCE XXX.
- 2 REMOVE TURF AND SOIL TO A DEPTH OF 12" TO ACCOMMODATE PLAY AREA SAND.
- 3 REMOVE TURF SUFFICIENT FOR CONSTRUCTION OF 4" DEPTH CONCRETE SIDEWALK.
- 4 CONCRETE ACCESSIBLE RAMP TO REMAIN
- 5 PRESERVE AND PROTECT 1-20 HUNTER SPRAY HEAD. REMOVE AND CAP RISER IF NECESSARY TO PROTECT EQUIPMENT DURING DEMOLITION.
- 6 CUT INTO SLIGHT BERM TO ACCOMMODATE RETAINING WALL.
- 7 REMOVE IRRIGATION SPRAY HEAD AND CAP RISER AT LATERAL LINE.

DEMOLITION HATCH LEGEND

- REMOVE TURF AND SOIL FOR PLAY SURFACING AND SAND.
- REMOVE TURF AND SOIL FOR CONCRETE SIDEWALK



CONSTRUCTION PLAN

CONSTRUCTION KEYED NOTES

- 1 CONSTRUCT CONCRETE WALK WITH LIGHT BRUSH FINISH PER COA STD. DUG 2720. LONGITUDINAL SLOPE SHALL NOT EXCEED 5%.
- 2 CONSTRUCT SAND CONTAINMENT WALL PER COA STD. DUG. 2729.
- 3 CONSTRUCT RETAINING WALL. REFERENCE DETAIL B/1.
- 4 CONSTRUCT PLAY SURFACING. PLAY SURFACING SHALL BE GMAX COLOR BLACK AND TAN. DEPTH OF PLAY SURFACING SHALL BE DETERMINED BY THE PLAY EQUIPMENT MANUFACTURER. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS WITH THE REQUIRED DEPTH TO SATISFY IFEMA STANDARDS. REFERENCE DETAIL A/1.
- 5 INSTALL PLAY EQUIPMENT STRUCTURE AS SUPPLIED BY THE OWNER. PLAY EQUIPMENT SHALL BE CUSTOM STRUCTURE BY LANDSCAPE STRUCTURES.
- 6 INSTALL AN ACCESSIBLE SAND DIGGER (QTY. 1) AS FURNISHED BY OWNER. SAND DIGGER SHALL BE GAMETIME MODEL #8899.
- 7 INSTALL A SAND DIGGER (QTY. 1) AS FURNISHED BY OWNER. SAND DIGGER SHALL BE GAMETIME MODEL #6199.
- 8 RELOCATED TREE.
- 9 FUTURE CONCRETE SIDEWALK TO PARKING AREA. (N.I.C.)
- 10 ADJUST EXISTING 1-20 HUNTER SPRAY HEAD TO 3/4 OR 1/2 RADIUS. CONTRACTOR SHALL FIELD VERIFY EXISTING NOZZLES AND ASSURE THAT NOZZLE DISTRIBUTES SUFFICIENT WATER TO EXISTING TURF.
- 11 INSTALL LATERAL FROM NEARBY REMOVED HEAD, RISER AND 1-20 HUNTER SPRAY HEAD. ADJUST RADIUS TO 1/4 AND VERIFY NOZZLE IS DISTRIBUTE WATER TO EXISTING TURF.
- 12 FURNISH AND INSTALL BENCH. BENCH SHALL BE RECYCLED PLASTIC BENCH. MODEL NUMBER 16060. 8-1 EMBEDMENT MOUNT WITH ADDITIONAL CENTER ARMRESTS AVAILABLE FROM DUMOR, INC. 1-800-598-4018 OR EQUAL AS APPROVED BY LANDSCAPE ARCHITECT. RECYCLED PLASTIC COLOR CEDAR, POST AND SUPPORT COLOR HUNTER GREEN. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
- 13 FURNISH AND INSTALL LITTER RECEPTACLE. RECEPTACLE SHALL BE MCCLINTOCK R50-25 32 GAL. CAPACITY WITH RIGID LINER, ONE COLOR UNIT- BRITISH RACING GREEN WITH SELF-LOOKING DOOR. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
- 14 INSTALL AGE APPROPRIATE SIGN AS SUPPLIED BY THE OWNER FOR CUSTOM PLAY STRUCTURE AGES 5-12.
- 15 INSTALL AGE APPROPRIATE SIGN AS SUPPLIED BY OWNER FOR EARLY CHILDHOOD PLAY, AGES 2-5.
- 16 INSTALL PLAY EQUIPMENT STRUCTURE AS SUPPLIED BY THE OWNER. PLAY EQUIPMENT SHALL BE TODDLER TWO MODEL #20002 BY GAMETIME WITH IN-GROUND MOUNT BY LANDSCAPE STRUCTURES.

CONSTRUCTION HATCH LEGEND

- CONSTRUCT POURED IN PLACE PLAY SURFACING.
- CONSTRUCT CONCRETE SIDEWALK

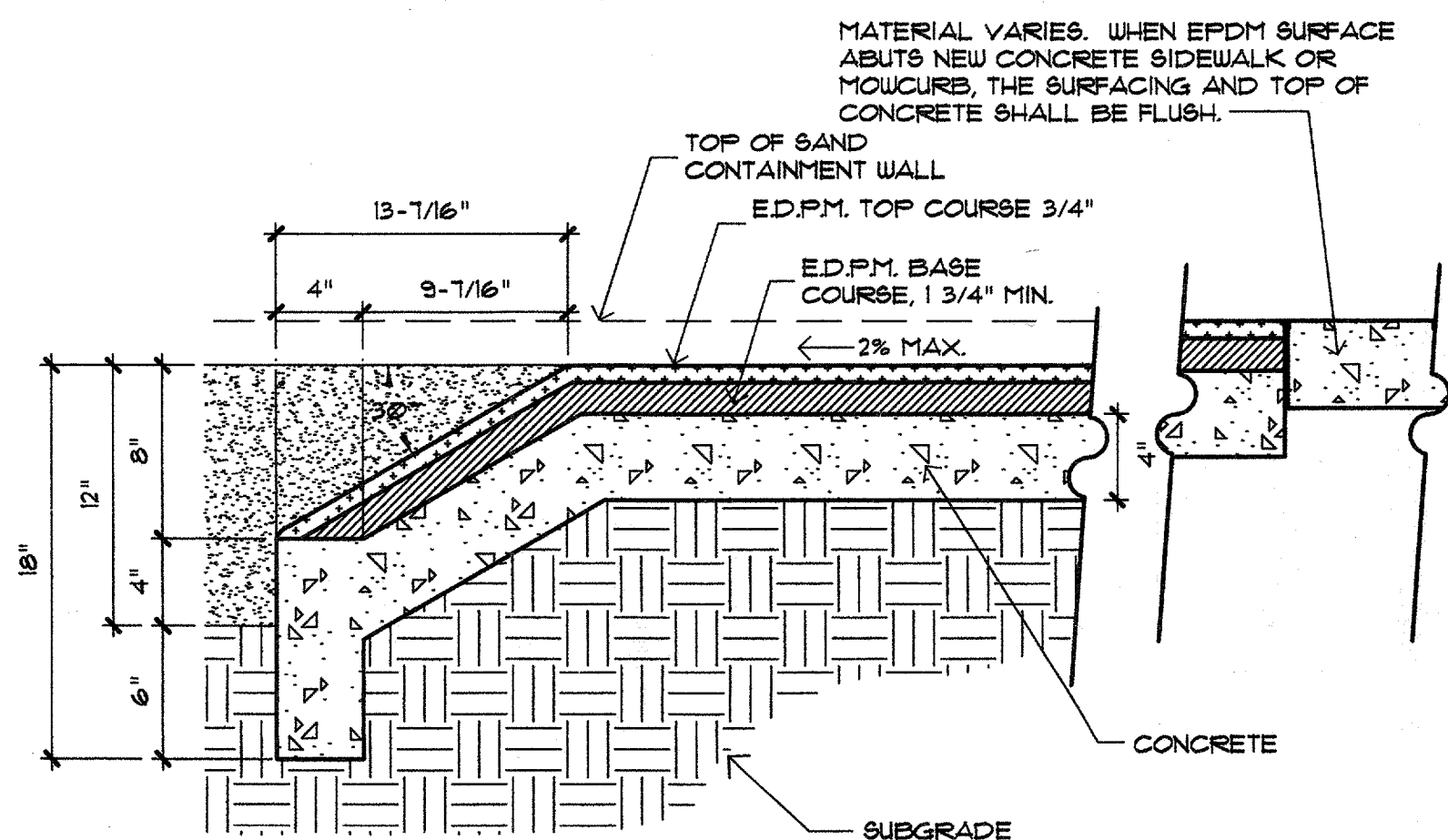
PLAY EQUIPMENT NOTES:

1. THE GROUND SPACE (GS) AND USE ZONE (UZ) FOR EACH PIECE OF PLAY EQUIPMENT SHALL BE AS REQUIRED BY THE EQUIPMENT MANUFACTURER. THE GROUND SPACE IS THE ACTUAL SPACE THAT THE EQUIPMENT OCCUPIES. THE USE ZONE IS THE REQUIRED OBSTACLE FREE SURFACE AROUND THE EQUIPMENT.
2. PRIOR TO FINAL ACCEPTANCE BY THE OWNER, THE CONTRACTOR SHALL PROVIDE AN "AS-BUILT" DRAWING WHICH DOCUMENTS THAT EACH PIECE OF PLAY EQUIPMENT IS CONSTRUCTED WITH THE REQUIRED USE ZONE.
3. PRIOR TO FINAL ACCEPTANCE BY THE OWNER THE CONTRACTOR SHALL PROVIDE WRITTEN AUTHORIZATION THAT THE CONSTRUCTION AND INSTALLATION OF EACH PIECE OF PLAY EQUIPMENT HAS BEEN INSPECTED BY A REPRESENTATIVE OF THE EQUIPMENT MANUFACTURER AND THAT THE CONSTRUCTION AND INSTALLATION OF EACH PIECE OF EQUIPMENT FULLY COMPLIES WITH THE ASTM F-1487-95 AND THE U.S. CONSUMER PRODUCT SAFETY COMMISSION HANDBOOK FOR PUBLIC PLAYGROUND SAFETY.
4. PRIOR TO FINAL ACCEPTANCE BY THE OWNER THE CONTRACTOR SHALL PROVIDE WRITTEN CERTIFICATION THAT THE IMPACT SAFETY SURFACE HAS BEEN INSPECTED AND TESTED BY A CERTIFIED PLAYGROUND AUDITOR AND THAT THE SURFACES MEET THE FALL HEIGHT REQUIREMENTS FOR EACH PIECE OF EQUIPMENT AS REQUIRED TO COMPLY WITH THE ASTM F-1487-95 AND THE U.S. CONSUMER PRODUCT SAFETY COMMISSION HANDBOOK FOR PUBLIC PLAYGROUND SAFETY.

GRADING LEGEND:

- TC = TOP OF CONCRETE
- TS = TOP OF SAND
- TW = TOP OF WALL

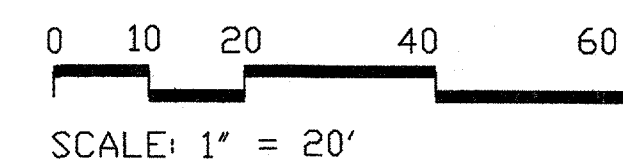
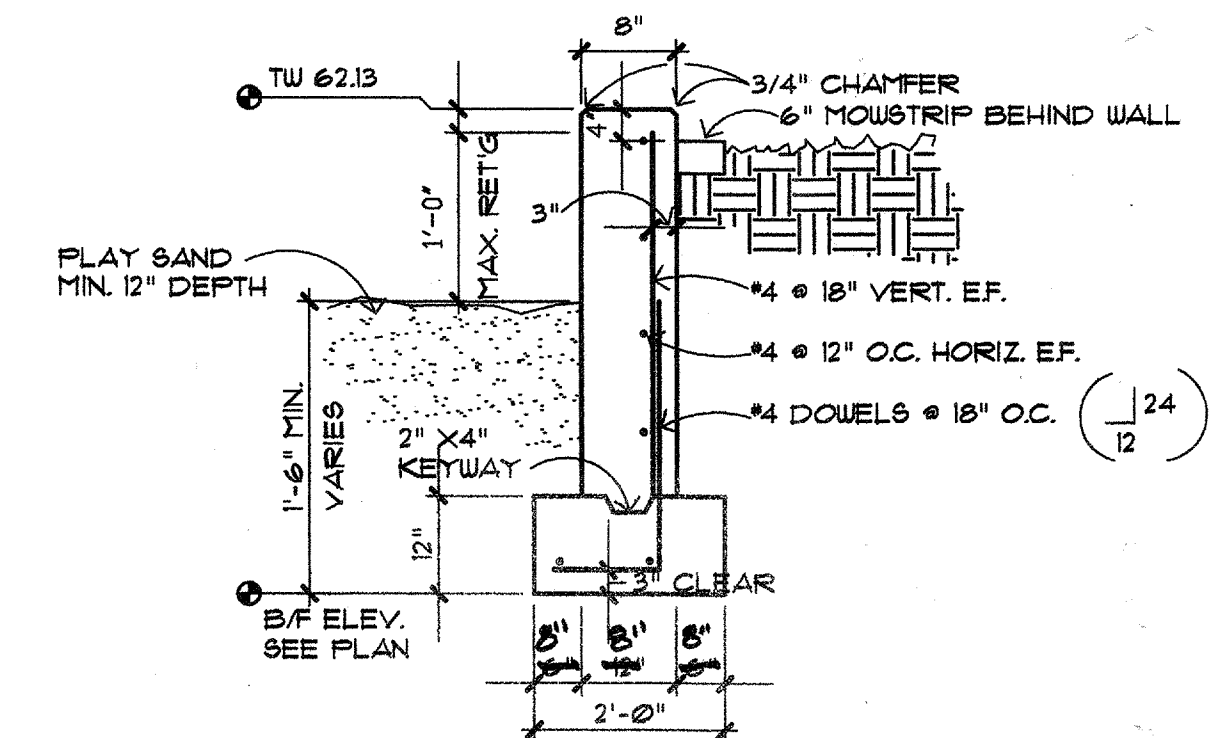
DEMOLITION PLAN



RESILIENT SURFACE SPECIFICATIONS:
 SHOCK PAD: RAW SHREDDED RUBBER BUFFING
 GRANULES: PEROXIDE CURED EPDM COLORED CHIPS 1-3 MM IN SIZE
 RESIN BINDER: 100% SOLIDS ASPHALTIC AND AROMATIC URETHANES
 PRIMER: RESIN THINNED WITH SOLVENT
 TOPCOAT FINISH: ASPHALTIC URETHANE

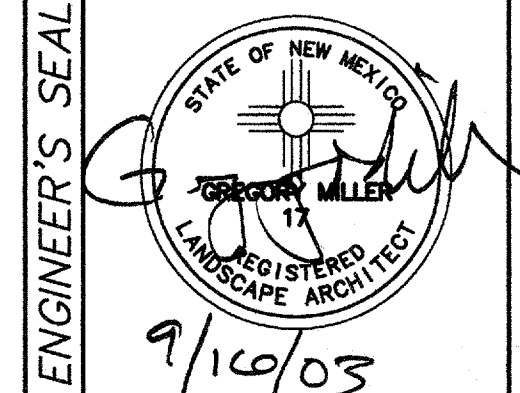
NOTES:
 DEPTH OF EDPM COURSE SHALL BE 2 1/2" MINIMUM.

WALL SECTION



MORROW REARDON WILKINSON, LTD., LANDSCAPE ARCHITECTS
 510 La Jolla NE, Albuquerque, NM 87108
 505.266.2285 FAX 505.265.9637
 mrw@mrwam.com

CITY OF ALBUQUERQUE DEPARTMENT OF DEVELOPMENT SERVICES			
TITLE: GRAVES PARK DEMOLITION AND CONSTRUCTION PLAN			
Design Review Committee	City Engineer Approval	Mo/Day/Yr.	Mo/Day/Yr.
CITY PROJECT NO. X	ZONE MAP NO. H-14-Z	SHEET B	OF 2



NO.	DATE	REVISIONS	BY
DESIGNED BY	9/10/03	DATE	9/10/03
DRAWN BY	9/10/03	DATE	9/10/03
CHECKED BY	9/10/03	DATE	9/10/03

**CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO
INTER-OFFICE CORRESPONDENCE**

September 10, 2003

TO: See Distribution
FROM: David Flores, Senior Project Coordinator, Park & Median Design, DMD
SUBJECT: Graves Park

194

The attached set of plans is submitted for your use.

_____ MASTER PLAN/SCHEMATIC
_____ DESIGN DEVELOPMENT I (30% Review)
_____ DESIGN DEVELOPMENT II (60% review)
_____ CONSTRUCTION DOCUMENT PHASE (100% Review)
 X FINAL FOR CONSTRUCTION

CLASS II CREWS PLEASE PROVIDE TO THE PROJECT CONTACT PERSON IF INDICATED WITH 'X':

 X MATERIAL COST ESTIMATE
 X LABOR COST ESTIMATE
_____ PLEASE BEGIN ORDERING PLAY EQUIPMENT, SITE FURNISHINGS PER ATTACHED PLAN, USE ACTIVITY #
_____ PLEASE BEGIN ORDERING CONSTRUCTION MATERIAL PER MATERIAL COST ESTIMATE, USE ACTIVITY #

SUBMITTAL INCLUDES:

(X) PLANS () SPECIFICATIONS () COST ESTIMATE () OTHER: Funding Sheet
() ATTACHMENT: Project sign information. () ATTACHMENT: Project Program,
(X) Half Set Assistant Project Coordinator only

NEED COMMENTS BACK BY: _____
PROJECT CONTACT PERSON: Dorothy Vinson
TELEPHONE NUMBER: 768-3858

Set #: Distribution:

 1 Office set (Park & Median Design Division)
 2-4 Eddie King, Assistant Superintendent, Park Management
 5 Johnny Casados, Construction Supervisor
 6-9 Johnny Marujo, Sr., Construction Crew
10-13 Manual Avila, Irrigation Crew
14-16 Ray Gabaldon, Landscape Crew
 17 Richard Lofstrom, Buyer
 18 Rebecca Montoya, Material Cost Estimator
 19 Marcos Espinosa, Equipment Mechanic
 20 Chuck Salazar, Recreation
 21 Josie Martines, Assistant Project Coordinator, Half set

cc: Colleen K. Frenz, Park & Median Systems Manager, Park & Median Design Division, DMD
Rick Trujillo, Assistant Superintendent, Park Management, PRD
Dale Sokkary, Superintendent, Park Management, PRD
Clay Gatewood Project Coordinator, Park & Median Design Division, DMD
Project File

Graves Park -

- why side walk down middle of park
- backstop is heavily used - why getting rid of it?
- drain in the middle of park - what are the plans for that
- parking? One way in & out?

Graves -

- the way plans are drawn - park can't be used as a game field - side walk down the middle
- wont put sprinkler box in middle of grass?